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RÉSEAU CANADIEN POUR L'EXCELLENCE LAITIÈRE
CANADIAN NETWORK FOR DAIRY EXCELLENCE

Lactanet Update

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National DHIA – Savannah, GA

2026-03-05

AGENDA

- 2025 Highlights & Trends
- 5 Herd Management Tools for 2026
- Closing Comments

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2025 Highlights & Trends

Enrollment and Market Share

	West	ON	QC	ATL	Canada
Farms	1238	3144	4087	507	8976
DHI Herds	638	1971	2464	276	5349
% Market Share	51.5	62.7	60.3	54.4	59.6
Cows/herd	203	94	93	111	107
Data	-3.6	-6.3	-7.0	+0.6	-5.8

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Robot Customer Growth…

- **+4%** growth last year
- **1,151** Herds ***(21%)***
- **150,000** cows ***(26%)***
- **130** average cows/herd

Province	# Farms	% Farms	% Cows
BC	54	31%	*26%*
AB	92	34%	*31%*
SK	28	37%	*24%*
MB	63	51%	*50%*
ON	427	22%	*28%*
QC	421	17%	*22%*
NB	25	*31%*	*27%*
NS	*23*	*22%*	*22%*
PE	*15*	*20%*	*24%*
NL	*3*	*38%*	*42%*
Canada	***1,151***	***21%***	***26%***

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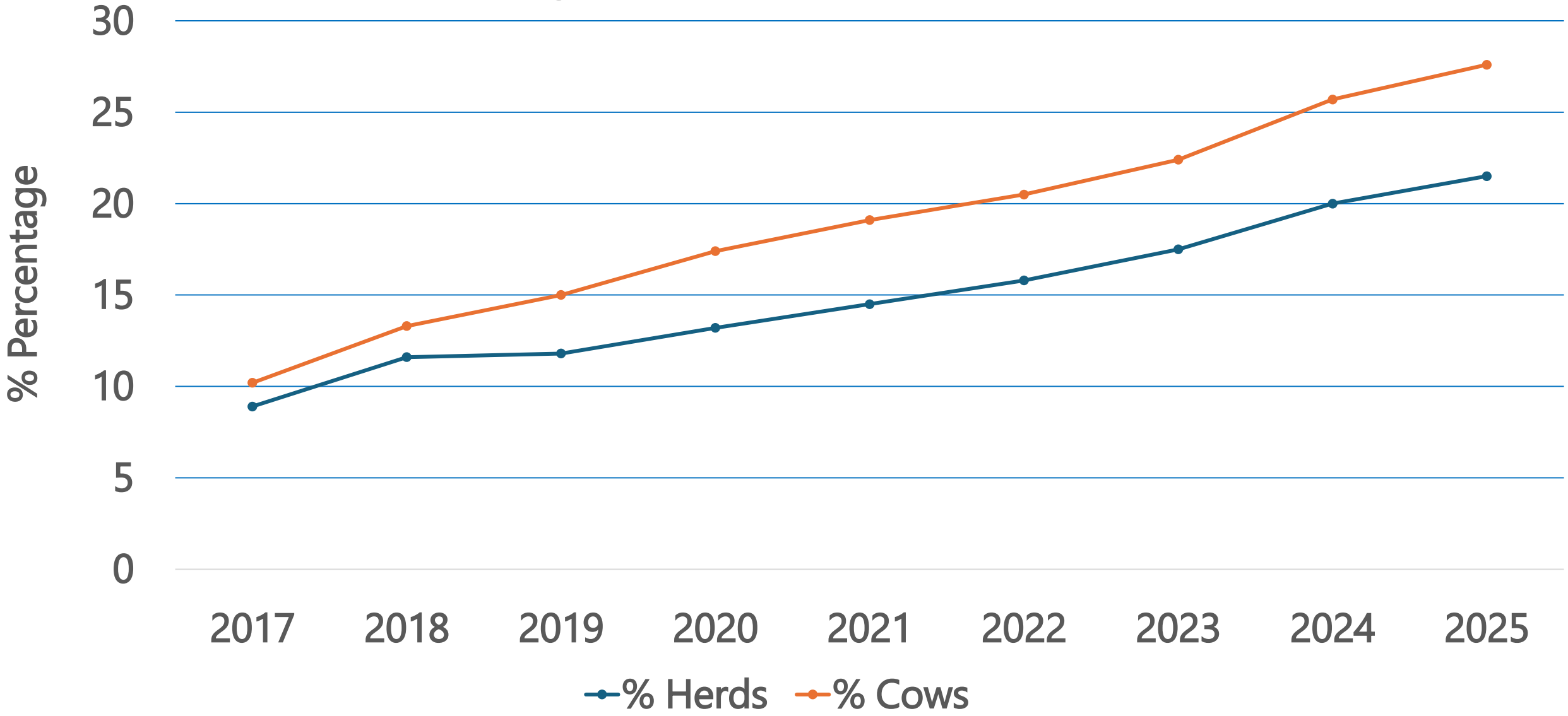
CANADIAN NETWORK FOR DAIRY EXCELLENCE

Robots – Ontario

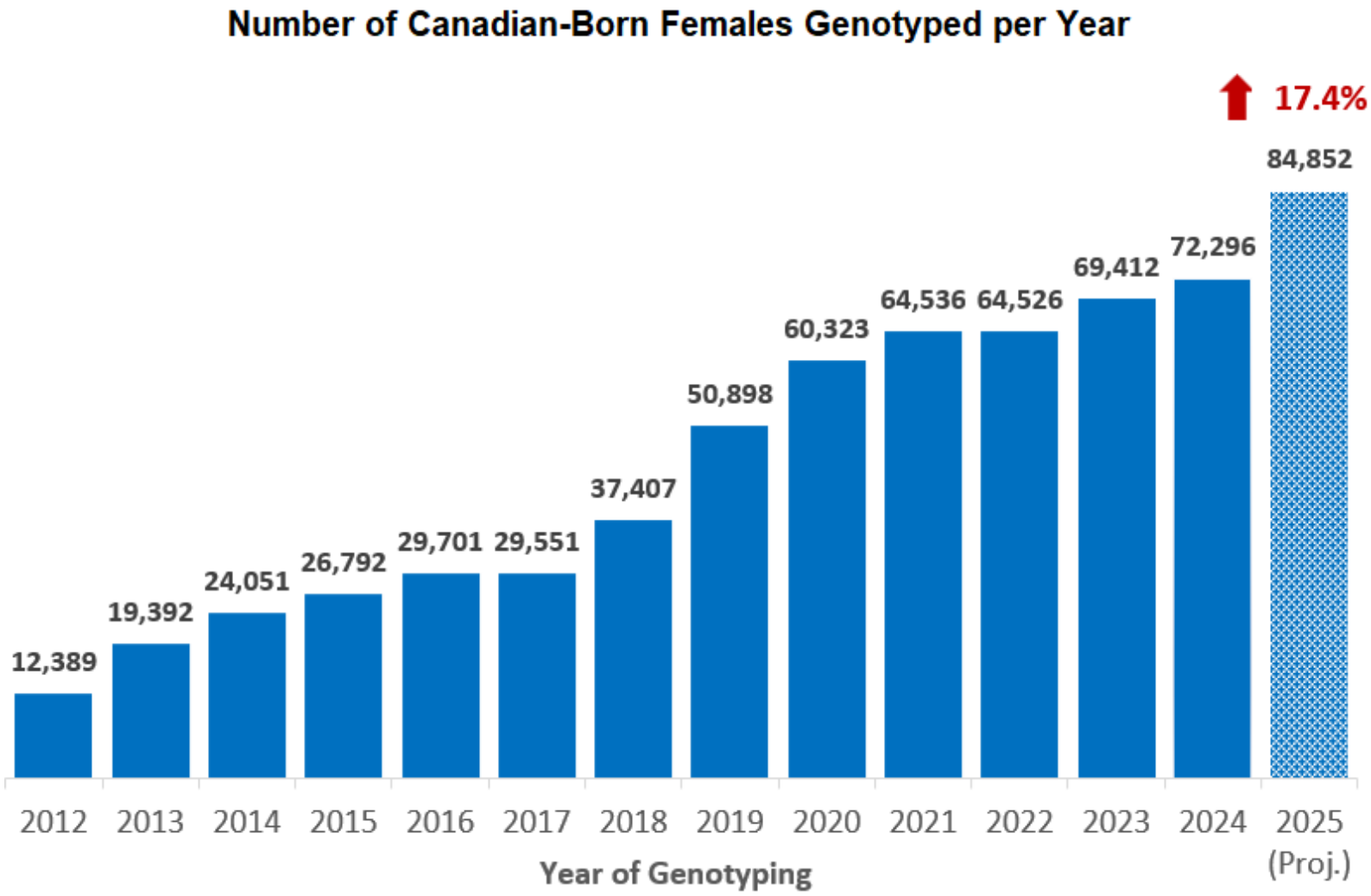
Percentage of DHI Herds & DHI Cows



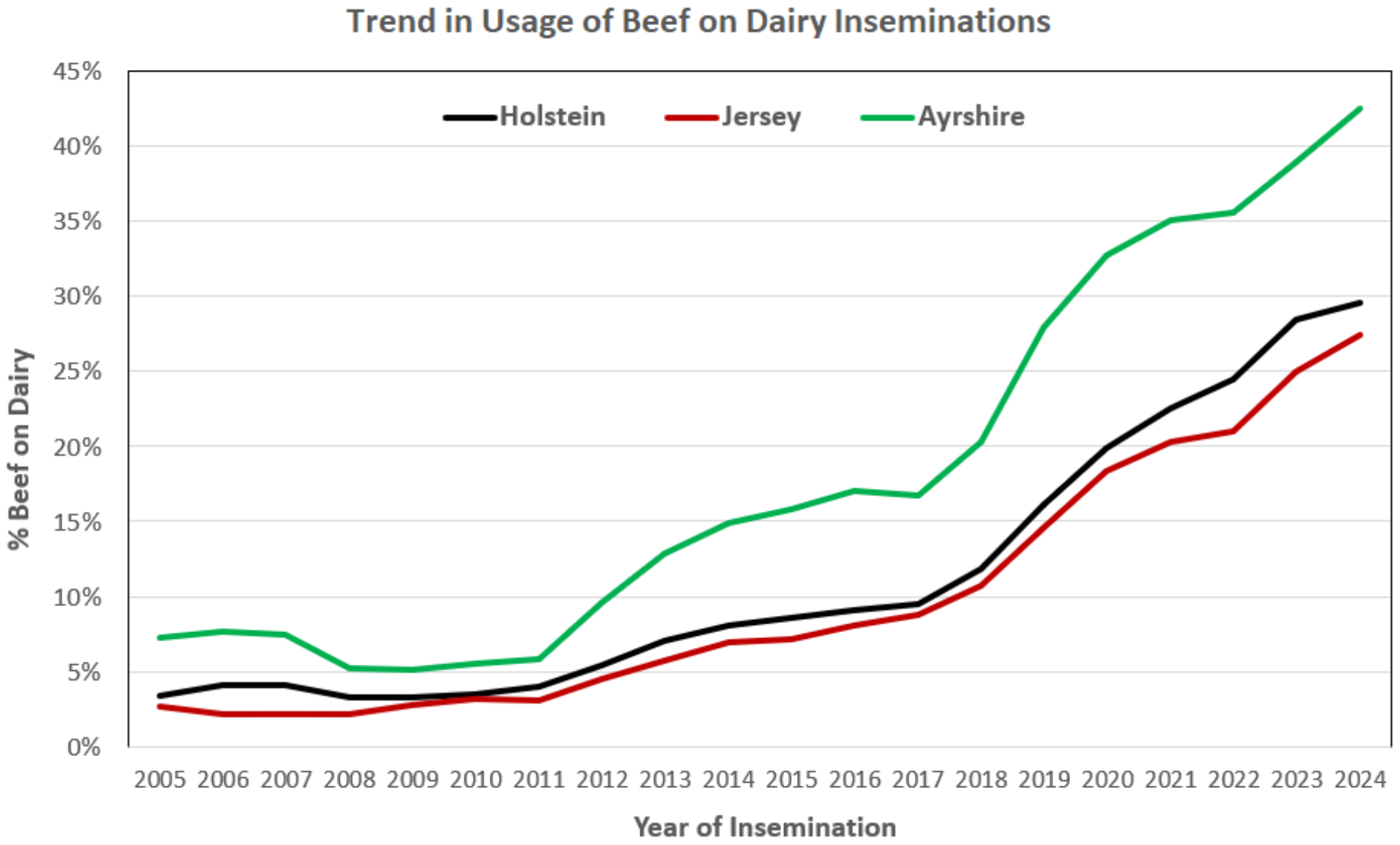
eDHI

- Introduced in **2020**
- **No farm visit** service option
- Using **on-farm sensor technology**
- Robots and parlours
- **Weights contribute to GE & cows receive indexes**
- **175** herds with **29,250 cows**
- Represents **5% of DHI cows**
- **~167 cows** per herd *(Canadian average is 107 cows)*
- **86%** with component sensors
- **14%** growth last year

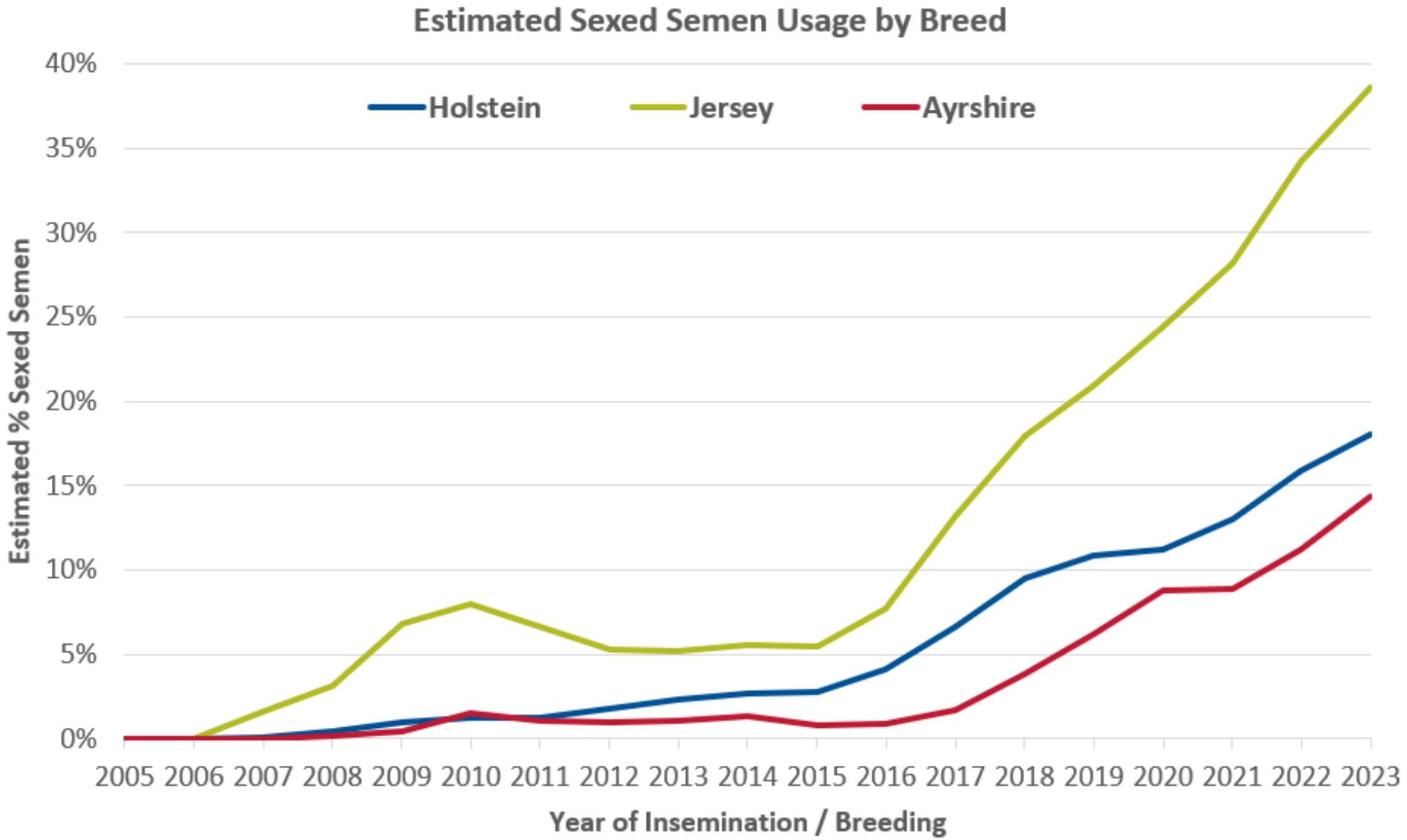
Trends: Genomic Testing



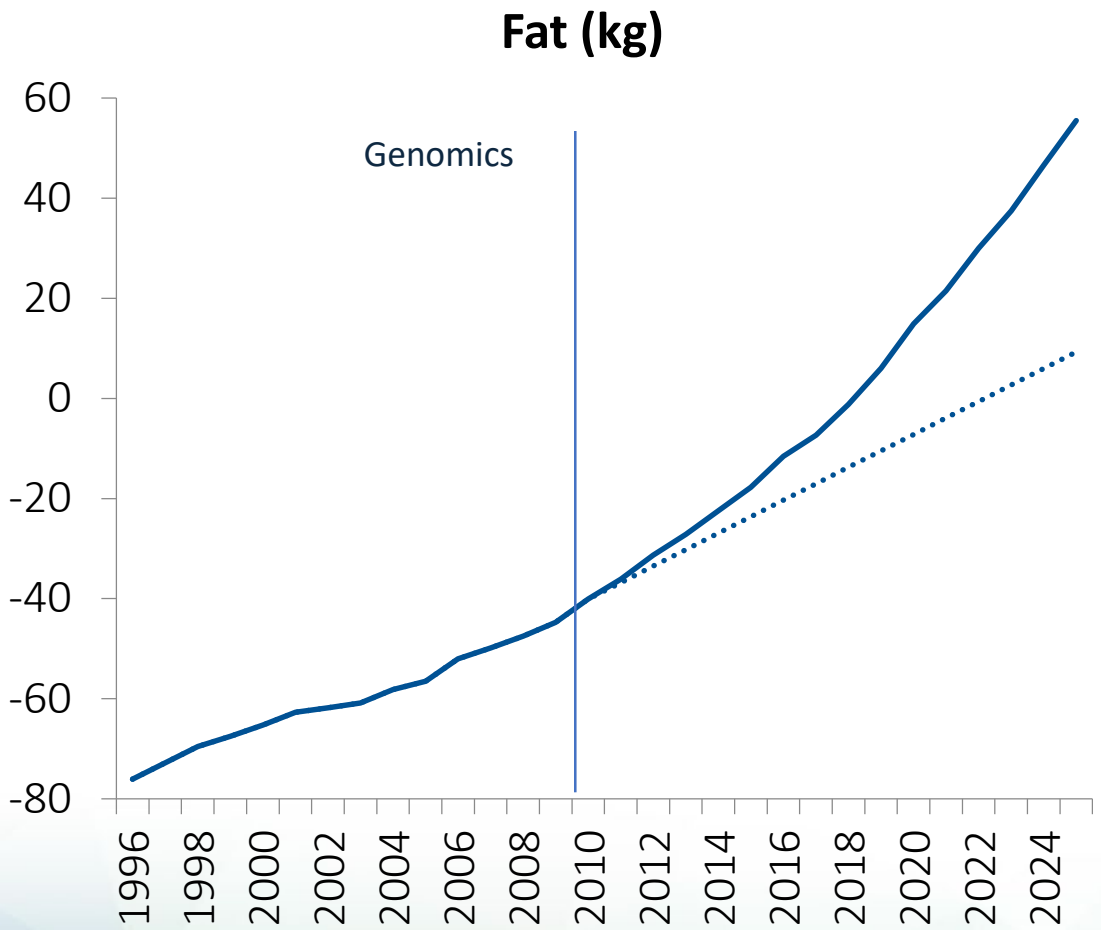
Trends: Beef on Dairy

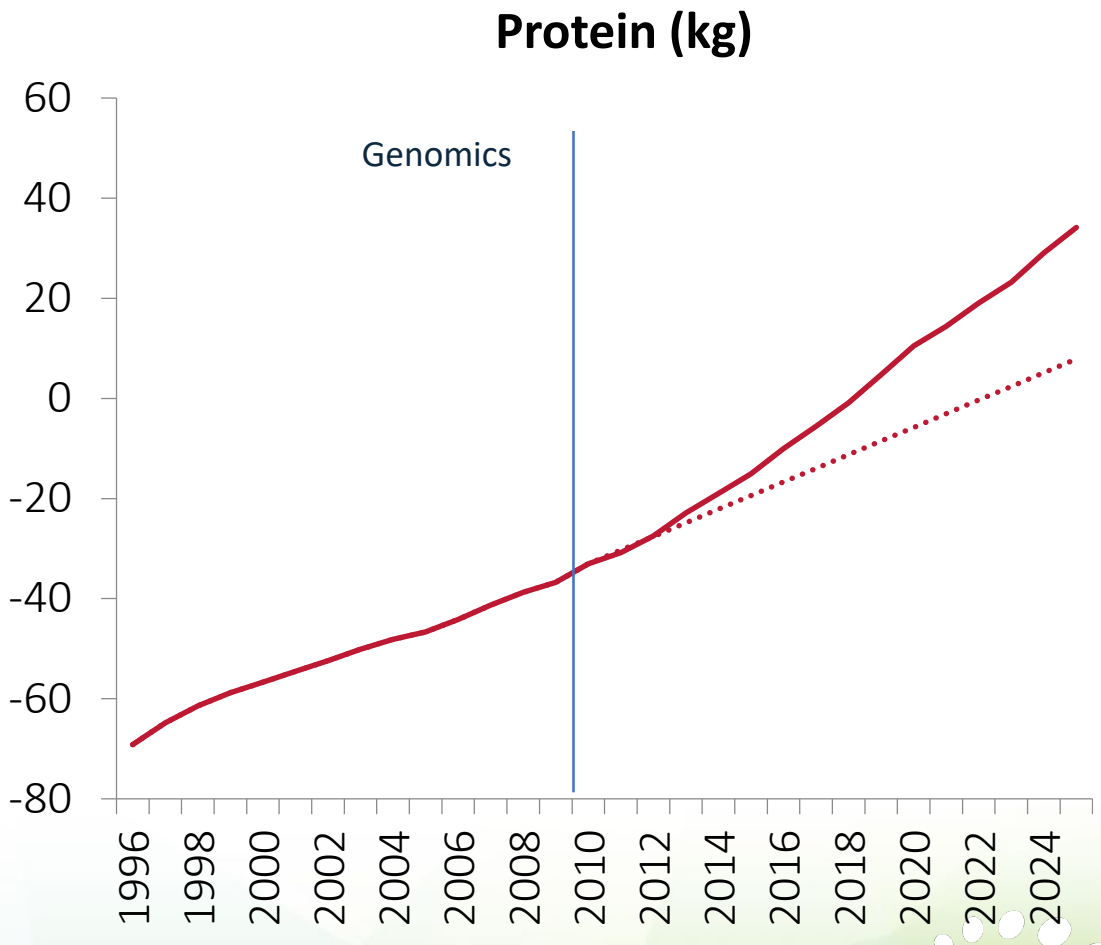


Trends: Sexed Semen



Genetic Trends: Fat and Protein Yields





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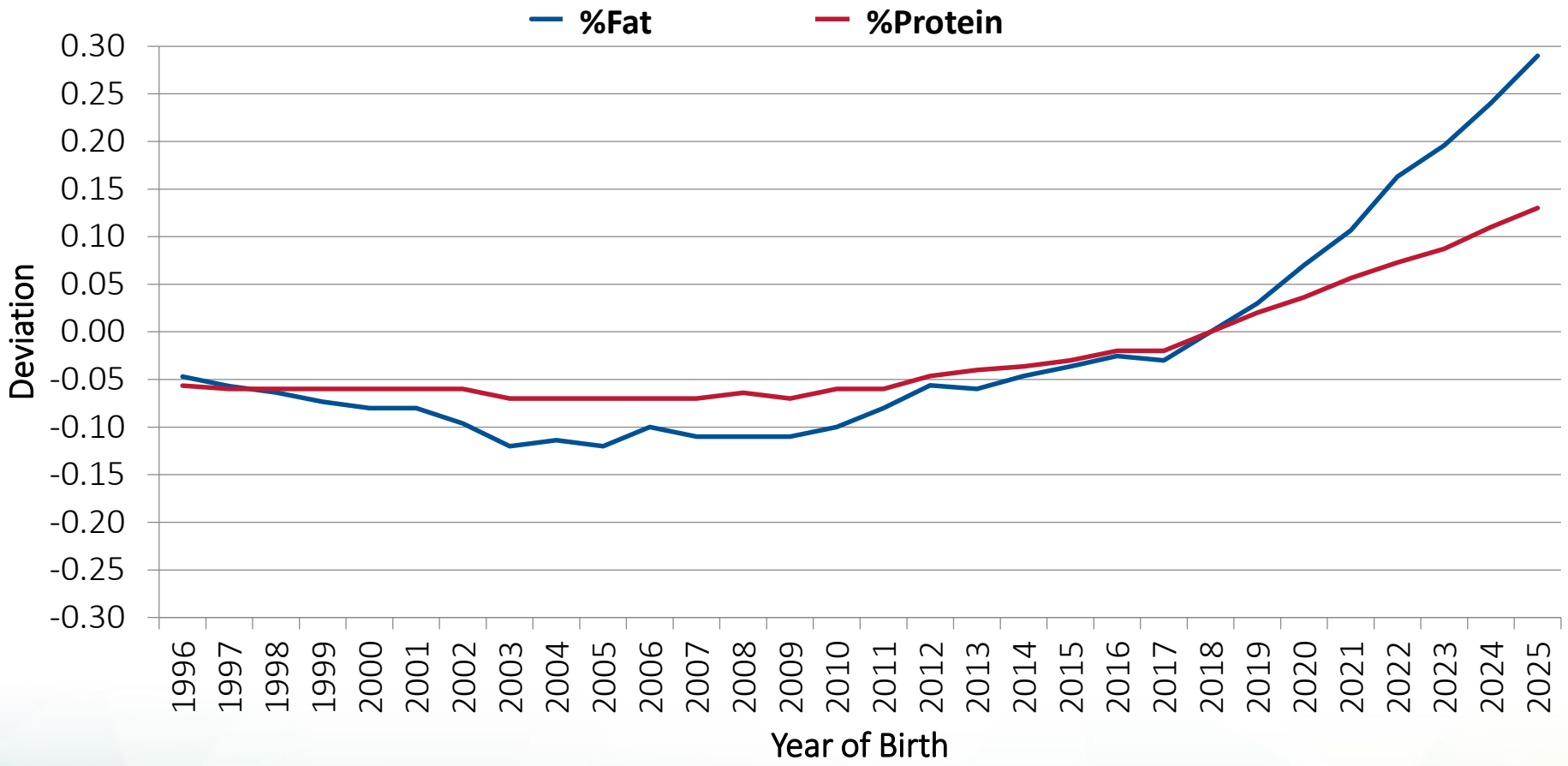
Genetic Trends: Deviations (%)



- Between 2019 and 2025, %Fat is + 0.04 per year and protein is + 0.02 per year

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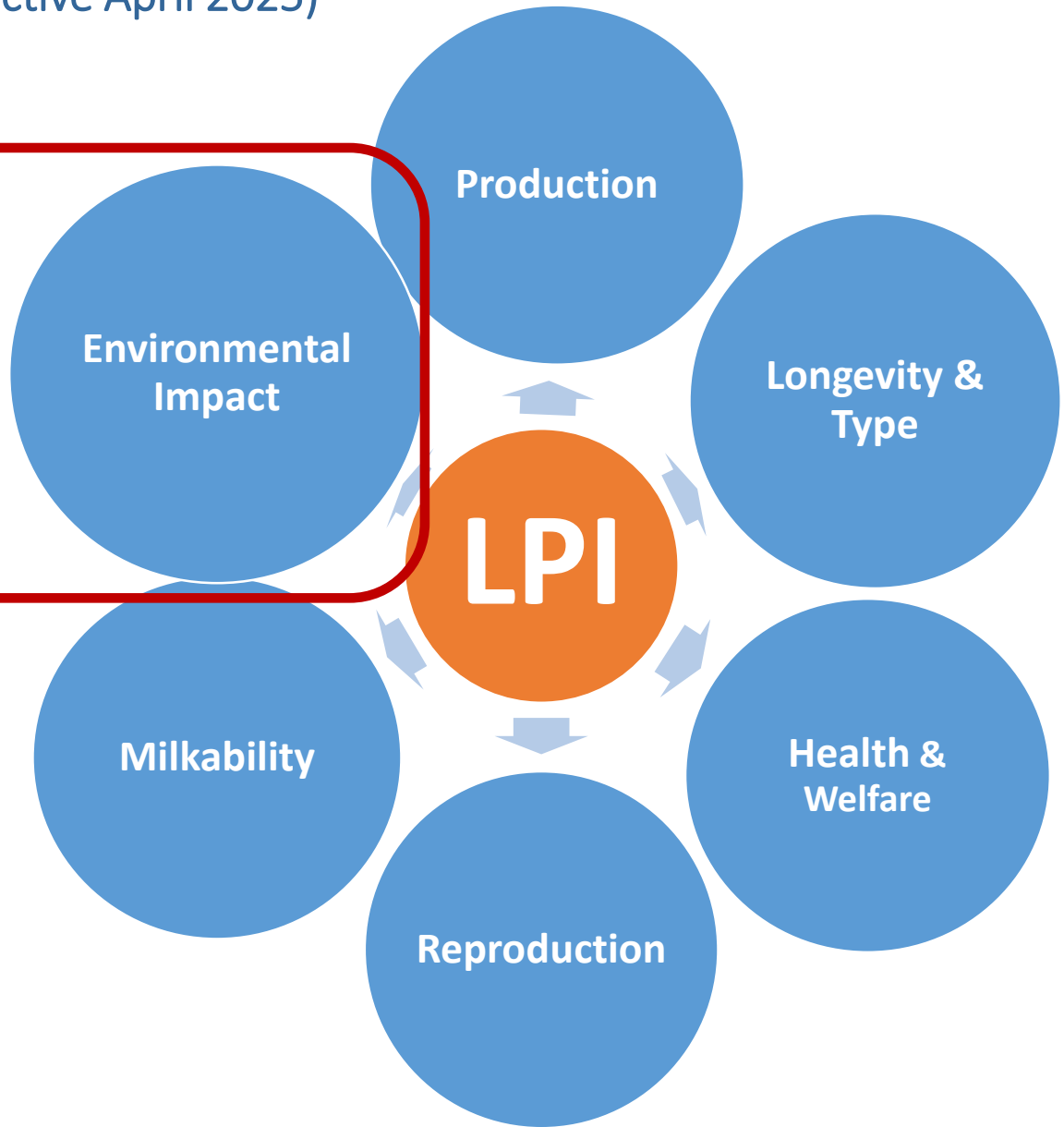
Modernized Lifetime Performance Index (LPI)

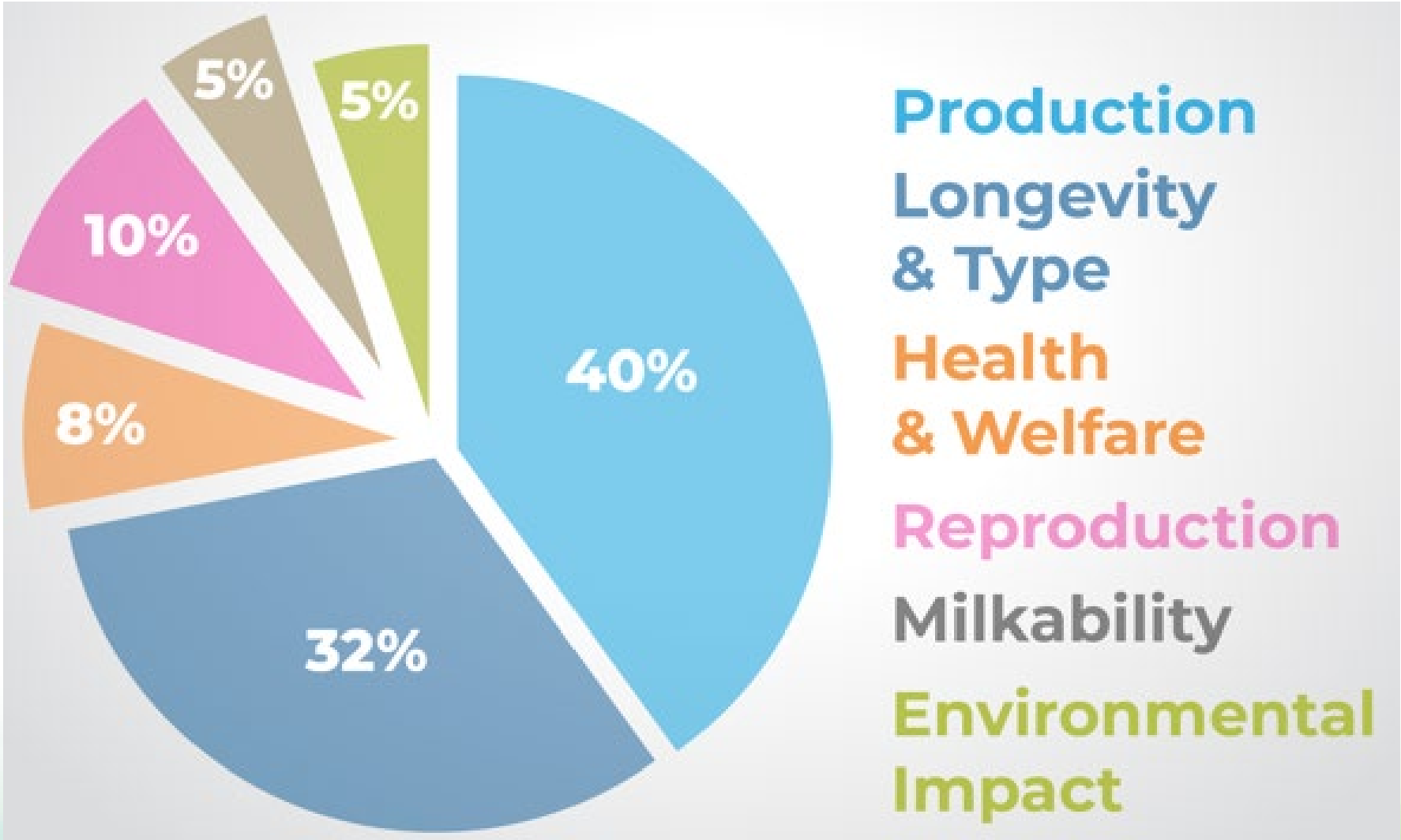
(Effective April 2025)

Combines each animal's genetic evaluation for three sustainability traits:

- Methane Efficiency
- Feed Efficiency
- Body Maintenance Requirements



Modernized LPI - Holstein



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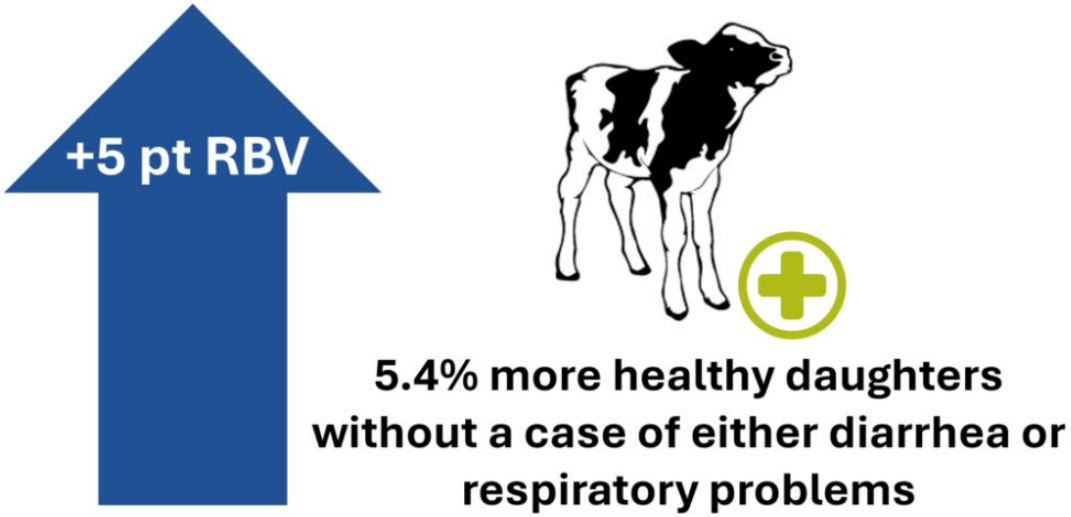
Genetic Solutions

Genetic Evaluations for Calf health – August 2025

- Genomic evaluation combining **diarrhea** and **respiratory problems**
- Expressed as Relative Breeding Value (RBV), with an average set at 100 and the standard deviation at 5



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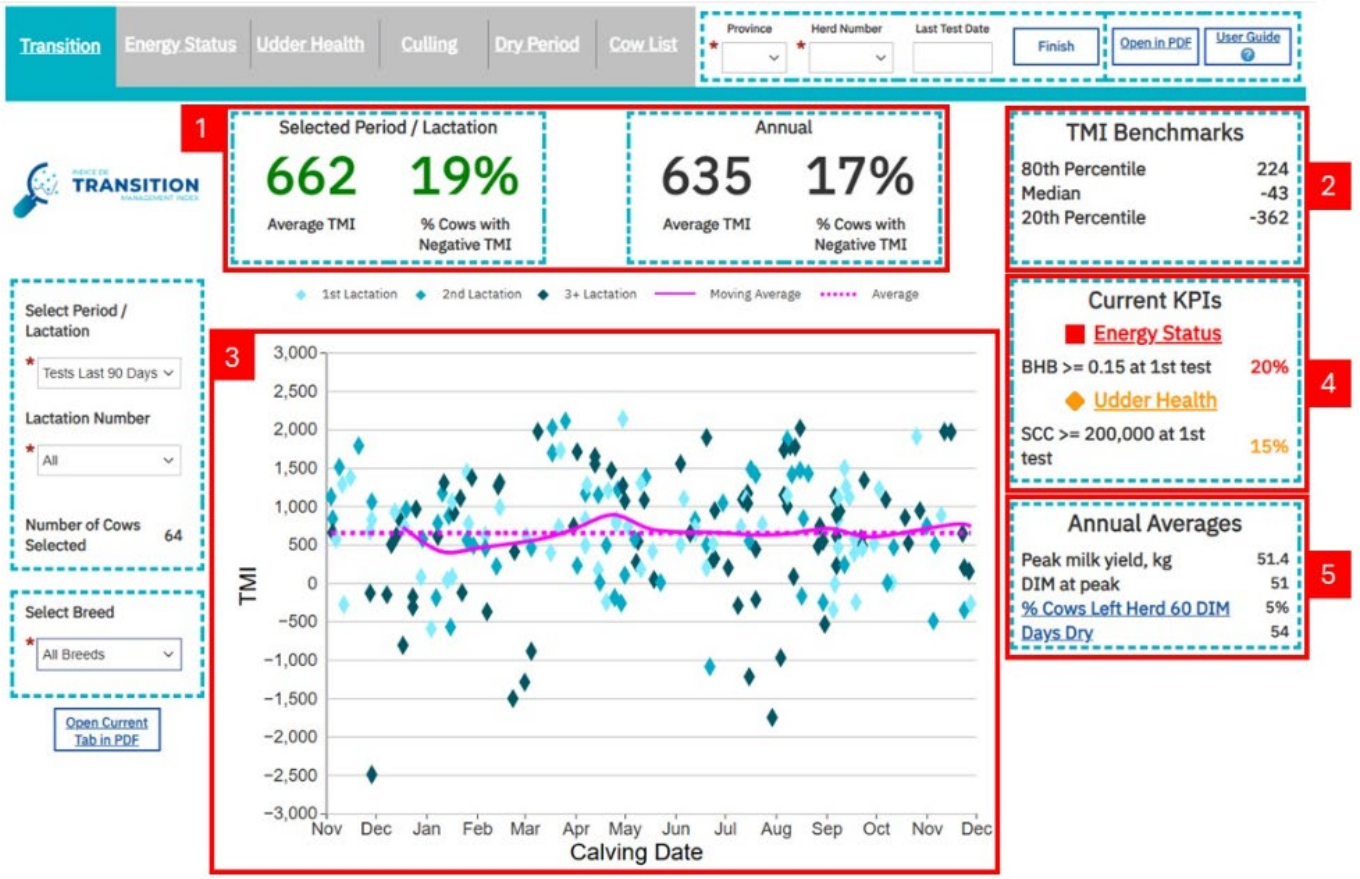
Monthly Genetic Evaluations

- Faster access to updated genetic data
- More timely selection & mating decisions
- Improved accuracy of cow evaluations

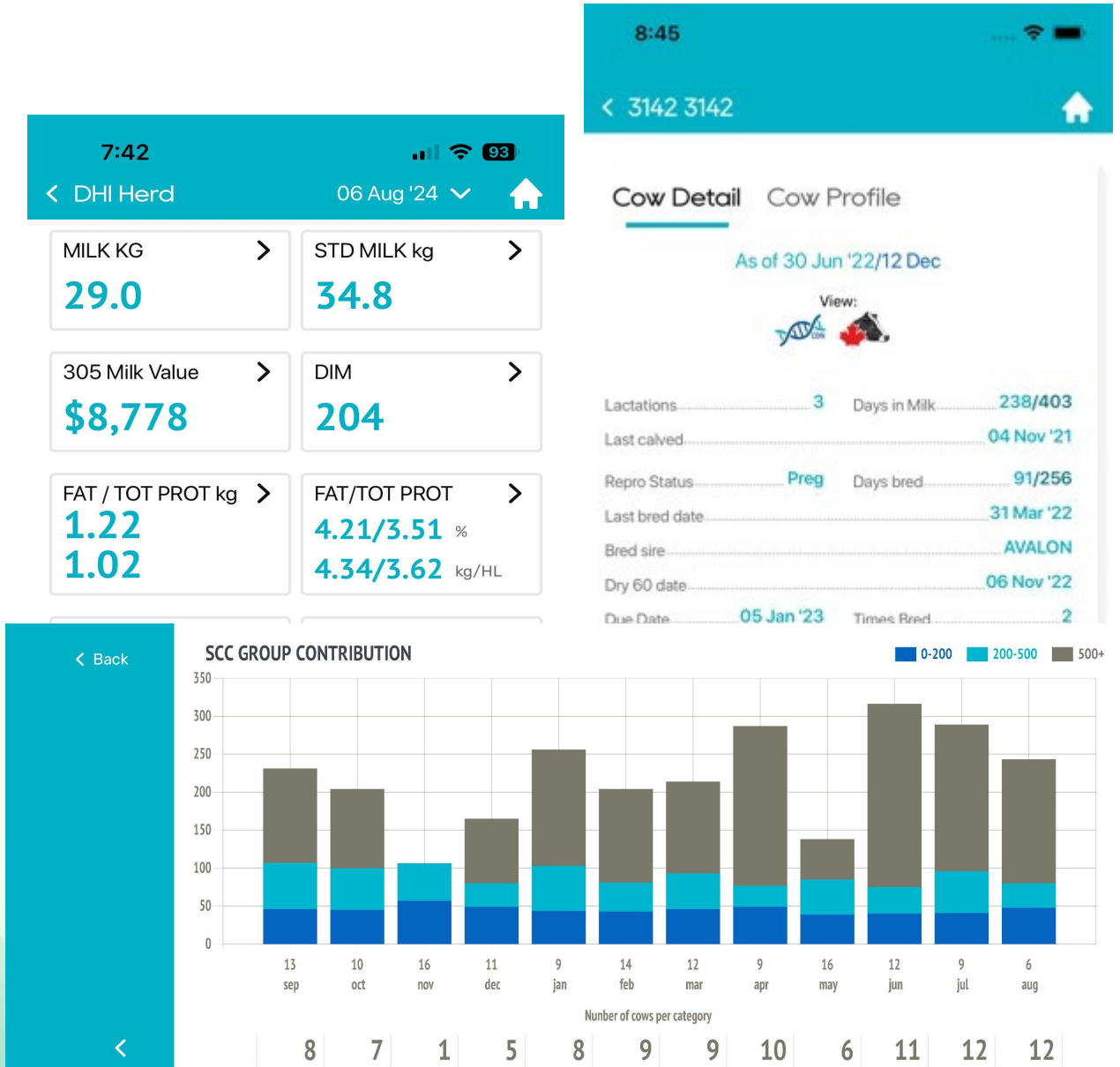
TMI – Transition Management Index/Dashboard



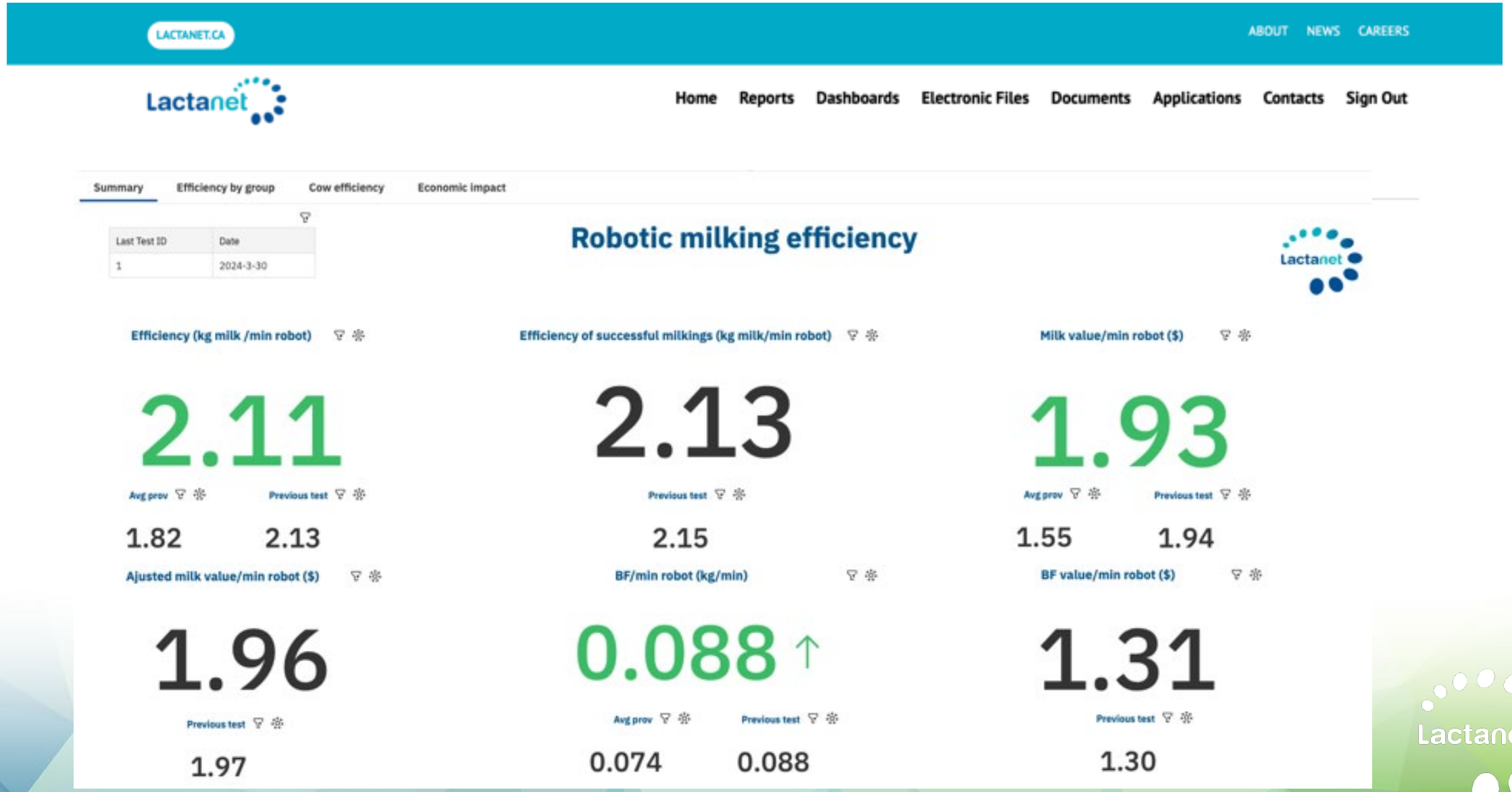
- Actual vs Predicted Performance
- Economic Measure: **1pt = 1 kg**
- Reference Benchmarks
- Model based on 1M records
- Available in Mobile update
- Reference videos on Lactanet.ca

Mobile App

- Herd & cow info at your fingertips
- Monitor trends
- Sort by your preferences
- Pedigree & genetics
- Enhancements:
  - Transition index Management
  - Enhanced MUN reporting
- **Included** with DHI services



Robot efficiency Tool/ Herd summary



Robot efficiency Tool/ Cow efficiency

Summary | Cows efficiency | Efficiency by group | Economic impact

Ajusted milk value/min robot ($)

2.02

Milking speed (kg/min)

3.4

Preparation time (min)

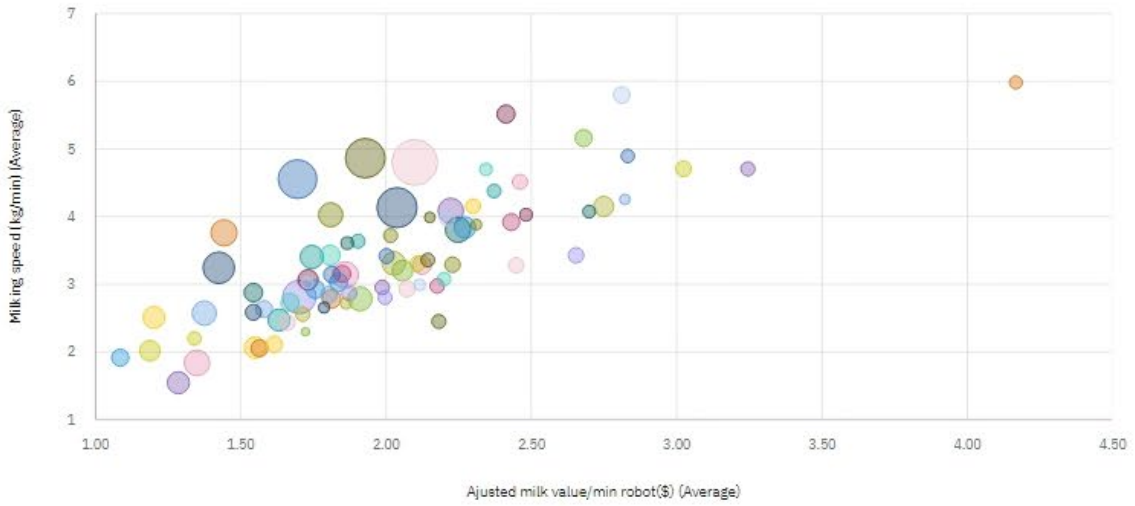
2.42

Time in robot/day (min)

23.4

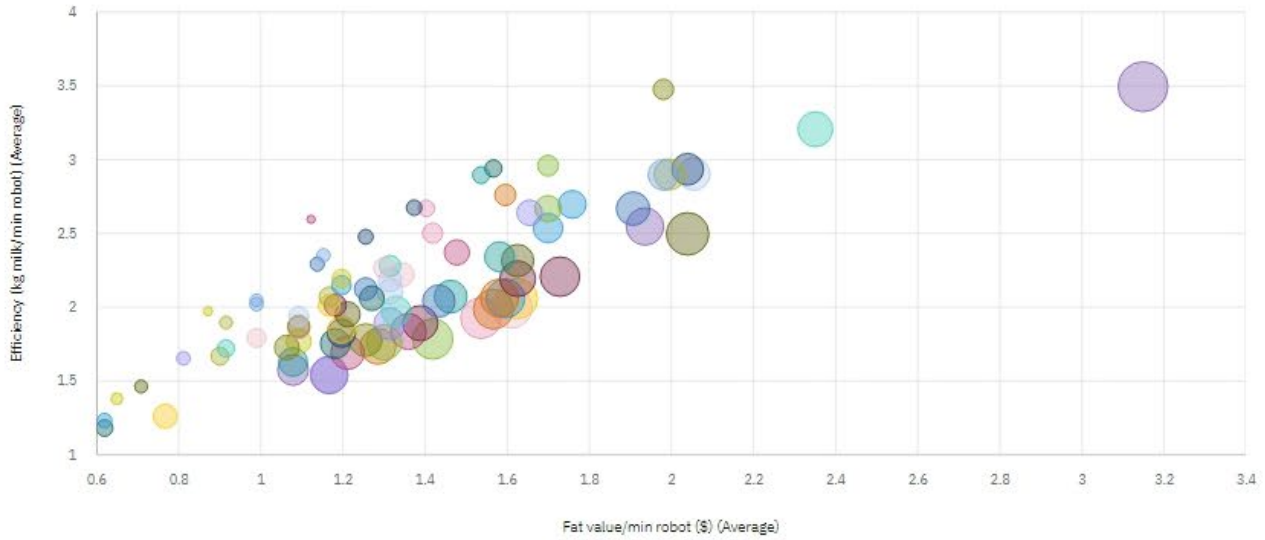
Ajusted milk value/min robot ($), Milking speed (kg/min) and Preparation time (min)

(The size of the dots indicates the preparation time)



Fat value/min robot ($), Efficiency (kg milk /min robot) and BF test (kg/hl)

(The size of the dots indicates the fat test)

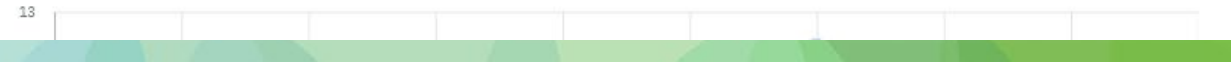


Ajusted milk value/min robot ($), Days in milk and Average daily production (kg)

(The size of the dots indicates the average daily production)

Time in robot/day (min), Time in robot/milking (min) and Preparation time (min)

(The size of the dots indicates the preparation time)



Robot efficiency Tool/ Cow List

Select additionnal indicators:

- [ ] Rel val efficiency (%)
- [ ] Efficiency of successful milkings (kg milk/m
- [ ] Milk value/min robot ($)
- [ ] Rel val milking speed (%)
- [ ] BF/min robot (kg/min)
- [ ] BF value/min robot ($)
- [ ] Rel val BF value/min robot (%)

Select all Deselect all

Select lactation number:

- [ ] 1
- [ ] 2
- [ ] 3+

Select all Deselect all

Select test date:

Feb 24, 2024

Refresh

Open in PDF Open in Excel

ficiency kg milk /min robot)	Ajusted milk value/min robot ($)	Adjusted relative milk value/min robot (%)	Time in robot/day (mm:ss)	Time in robot/milking (mm:ss)	Preparation time (mm:ss)	Milking speed (kg/min)	Average milk/day (kg)	Average milkings/day	Butterfat (kg/hl)	Protein (kg/hl)
2.15	$2.02	100%	23:24	7:10	2:25	3.40	48.29	3.26	4.43	3.01
2.66	$2.48	123%	19:23	6:12	2:05	4.02	51.6	3.1	4.45	3.02
2.54	$2.66	131%	19:13	8:49	2:15	3.42	48.9	2.2	5.31	3.09
2.64	$2.68	133%	19:44	4:48	2:20	5.15	52.0	4.1	4.38	3.01
2.66	$2.70	134%	16:15	6:06	2:06	4.06	43.3	2.7	4.99	3.17
2.49	$2.75	136%	14:51	6:18	2:30	4.14	37.0	2.1	5.70	3.24
1.46	$1.19	59%	40:40	9:15	2:32	2.01	59.3	4.4	3.39	2.78
1.65	$1.20	60%	35:26	7:40	2:36	2.50	58.5	4.6	3.43	2.81
1.18	$1.29	64%	45:06	11:12	2:37	1.54	53.1	4.0	3.68	2.87
1.66	$1.34	66%	42:14	8:56	2:08	2.19	70.3	4.7	3.78	2.84

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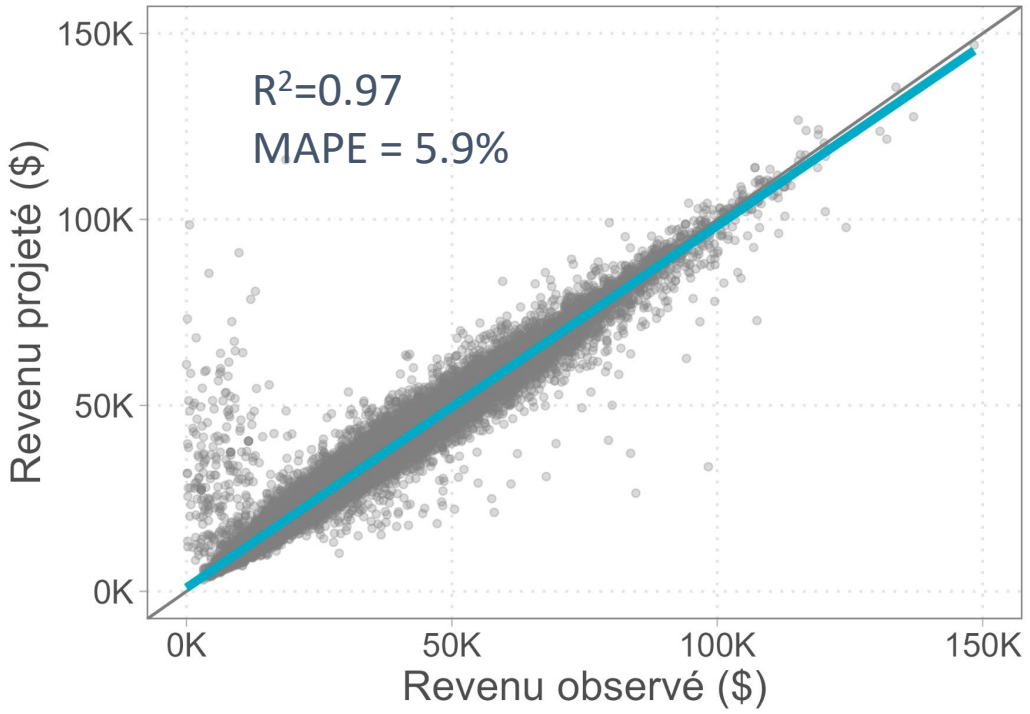
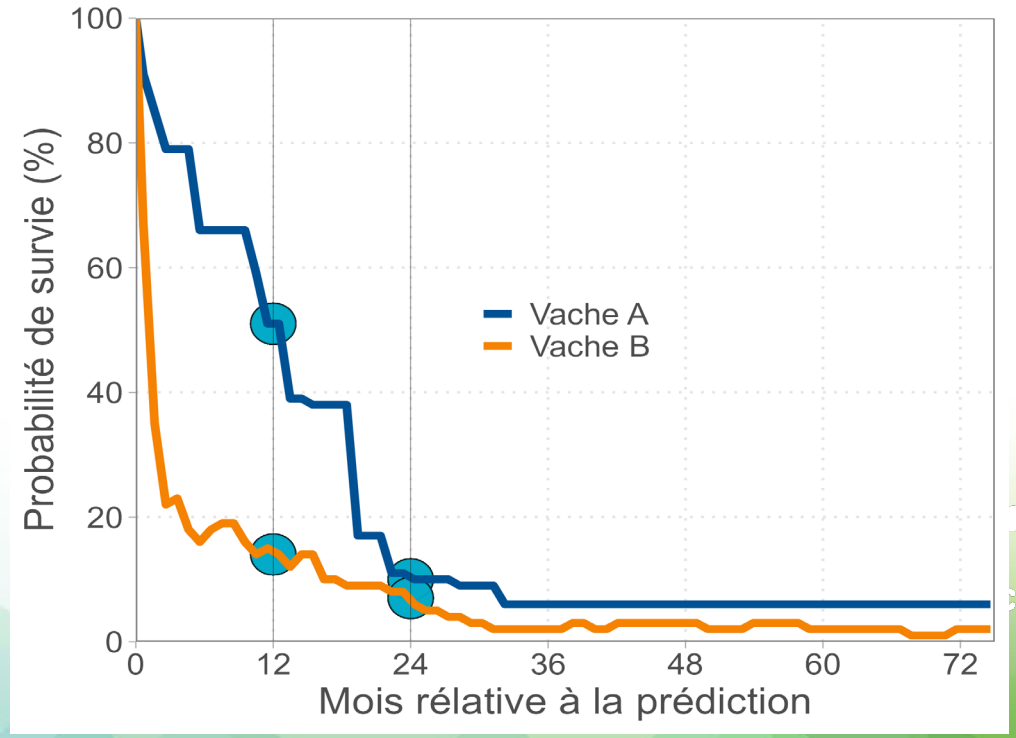
SELACTA : New Cow Ranking Tool

- Future Revenue Predictions – Machine Learning
  - Future production
  - Expected longevity (Artificial Neural Network)
- Use genetic, production and health data
- Customizable Economic Costs Model





SELACTA

Key performance indicators and reference values

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[redacted]

Date de contrôle : 2025-12-03

Service: Alterné

Date de contrôle

2025-12-03

Classe d'âge future

6 ans, Prochaine

Classe d'âge actuelle

9, 8, 7, 6, 5, 4, 3, 2

Groupe de lactation

1, 2, 3+

Race

HO, JE

Indicateurs

11 choisi (sur un total de 44)

Statut

Lait

Calculer votre marge personnalisée

App v. 5.1 | 2025-12

Revenu futur ($/jour)	Marge future ($/jour)	Gras futur (kg/jour)
31.90	**11.43**	**1.49**
Vaches: 56	*Vaches: 56*	*Vaches: 56*
28.05 (1re lact.)	9.08 (1re lact.)	1.31 (1re lact.)
29.00 (QC)	9.99 (QC)	1.35 (QC)

FR

Future predicted yields and revenues

Survial indices

Afficher rangs

Tout afficher | Afficher moins | Afficher 15 éléments | Rechercher :

	Nom vache	Race	Parité	JEL	Classe d'âge	Classe d'âge future	Statut	Gras futur, kg/j	Revenu futur, $/j	Marge future, $/j	Indice survie 365 jours	Indice composite
	All	All	All	All	All	All	All	All	All	All	All	All
1	7649/7649	HO	5	93	6	7	Lait	2.93	64.83	29.22	83	94
2	3989/3989	HO	7	69	8	9	Lait	2.34	50.85	21.03	57	86
3	7689/7689								45.97	19.69	34	80
4	3994/3994								41.38	15.79	79	88
5	7697/7697								39.55	16.01	72	86
6	9711/9711								36.96	14.19	17	70
7	4004/4004								36.77	11.47	79	77
8	3971/3971								36.18	12.99	70	80
9	7703/7703								36.07	17.59	30	75
10	4542/4542								35.12	12.43	34	67
11	7660/7660								34.98	13.72	87	81
12	4533/4533	HO	3	43	4	6	Lait	1.59	34.86	13.35	49	71
13	4532/4532	HO	3	61	4	6	Lait	1.62	34.45	11.66	45	65
14	7681/7681	HO	4	233	6	7	Lait	1.6	34.44	12.31	23	62
15	6866/6866	HO	6	154	7	8	Lait	1.57	34.32	13.56	87	78

Affichage de l'élément 1 à 15 sur 56 éléments

Précédent 1 2 3 4 Suivant

Composite Index (computed on the fly)

Dynamic report:

- Future age (next birth date or 6 years) and current age
- Lactation group
- Breed
- Additional selection indicators from other reports
- User-specific income over costs

CLOSING COMMENTS

1. **Adaptation**
   - *Changing our services to meeting changing customer needs*
   - *Supporting Industry priorities – e.g. sustainability*
2. **Positioning for the Future**
   - *Operational efficiencies*
   - *Data and Cyber security to protect our customers data*
   - *Exploring AI decision tools*
3. **Continued Collaborations & Partnerships**
   - *National & International opportunities*

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CANADIAN NETWORK FOR DAIRY EXCELLENCE

Thank You

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