

2015 Management Centre (Based on 2015 Herd Averages)

ONTARIO DHI HERDS



MANAGEMENT CENTRE	PERCENTILES								
	90 TH	80 TH	70 TH	60 TH	50 TH	40 TH	30 TH	20 TH	10 TH
Milk Value: Holstein Average of Current 305 Day Lactations*	\$8,027	\$7,608	\$7,354	\$7,113	\$6,858	\$6,596	\$6,299	\$5,900	\$5,342
Milk Value: Non-Holstein Average of Current 305 Day Lactations*	\$6,765	\$6,262	\$5,981	\$5,749	\$5,564	\$5,347	\$5,031	\$4,803	\$4,302
Udder Health Herd Average Linear Score	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.2	3.4
Age at First Calving First Lactation (months)	23.8	24.3	24.8	25.2	25.6	26.2	26.8	27.8	29.4
Calving Interval Herd Average (months)	12.8	13.1	13.3	13.5	13.7	14.0	14.3	14.6	15.3
Longevity Annual Herd 3rd+ Lactations	47.5%	43.5%	40.7%	38.4%	36.6%	34.7%	32.6%	30.0%	26.6%
Herd Efficiency Average Herd in Milk	90.5%	89.4%	88.5%	87.7%	86.9%	86.0%	84.9%	83.2%	80.0%

* Value after deductions/transportation

2015 Management Centre (Based on 2015 Herd Averages)

MANITOBA, ALBERTA, SASKATCHEWAN DHI HERDS



MANAGEMENT CENTRE	PERCENTILES								
	90 TH	80 TH	70 TH	60 TH	50 TH	40 TH	30 TH	20 TH	10 TH
Milk Value: Holstein Average of Current 305 Day Lactations*	\$8,254	\$7,838	\$7,610	\$7,349	\$7,128	\$6,894	\$6,624	\$6,200	\$5,605
Milk Value: Non-Holstein Average of Current 305 Day Lactations*	\$7,331	\$6,942	\$6,650	\$6,210	\$5,936	\$5,610	\$5,288	\$4,861	\$4,059
Udder Health Herd Average Linear Score	2.2	2.3	2.4	2.5	2.7	2.8	2.9	3.1	3.3
Age at First Calving First Lactation (months)	23.9	24.5	24.9	25.3	25.8	26.3	26.9	27.9	29.5
Calving Interval Herd Average (months)	12.8	13.0	13.2	13.4	13.6	13.8	14.2	14.8	15.5
Longevity Annual Herd 3rd+ Lactations	44.0%	40.4%	38.1%	36.5%	34.7%	33.4%	31.7%	29.4%	26.6%
Herd Efficiency Average Herd in Milk	89.3%	87.9%	86.9%	85.9%	84.7%	83.4%	81.9%	79.8%	76.3%

* Value after deductions/transportation

2015 Management Centre (Based on 2015 Herd Averages)

BRITISH COLUMBIA DHI HERDS



MANAGEMENT CENTRE	PERCENTILES								
	90 TH	80 TH	70 TH	60 TH	50 TH	40 TH	30 TH	20 TH	10 TH
Milk Value: Holstein Average of Current 305 Day Lactations*	\$8,425	\$8,037	\$7,766	\$7,597	\$7,377	\$7,219	\$7,019	\$6,633	\$6,155
Milk Value: Non-Holstein Average of Current 305 Day Lactations*	\$7,325	\$6,973	\$6,688	\$6,509	\$6,111	\$5,896	\$5,665	\$5,500	\$4,852
Udder Health Herd Average Linear Score	1.9	2.1	2.2	2.3	2.4	2.6	2.7	2.8	3.0
Age at First Calving First Lactation (months)	24.0	24.4	24.8	25.2	25.6	26.0	26.5	27.2	28.7
Calving Interval Herd Average (months)	13.1	13.3	13.4	13.6	13.7	13.9	14.2	14.6	15.2
Longevity Annual Herd 3rd+ Lactations	44.8%	40.6%	38.6%	36.4%	34.1%	32.0%	30.5%	28.7%	25.4%
Herd Efficiency Average Herd in Milk	89.6%	88.7%	88.2%	87.5%	87.0%	86.1%	85.6%	84.6%	83.0%

* Value after deductions/transportation

2015 Management Centre (Based on 2015 Herd Averages)

CANADA DHI HERDS



MANAGEMENT CENTRE		PERCENTILES								
	MAX	90 TH	80 TH	70 TH	60 TH	50 TH	40 TH	30 TH	20 TH	10 TH
Milk Value: Holstein										
Average of Current 305 Day Lactations*	>\$9,640	\$8,029	\$7,633	\$7,375	\$7,145	\$6,910	\$6,671	\$6,406	\$6,071	\$5,548
SCORE	500	451	401	351	301	251	201	151	101	51
Milk Value: Non-Holstein										
Average of Current 305 Day Lactations*	>\$8,579	\$6,819	\$6,405	\$6,083	\$5,874	\$5,651	\$5,448	\$5,199	\$4,911	\$4,423
SCORE	500	450	400	350	301	251	201	150	100	50
Udder Health										
Herd Average Linear Score	<1.6	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.1	3.3
SCORE	150	141	129	111	98	87	62	51	32	18
Age at First Calving										
First Lactation (months)	<22.9	24.0	24.6	25.0	25.4	25.8	26.2	26.8	27.6	29.1
SCORE	100	91	81	71	61	51	41	31	21	11
Calving Interval										
Herd Average (months)	<13.2	12.8	13.1	13.2	13.4	13.7	13.9	14.2	14.5	15.1
SCORE	50	50	50	45	39	32	26	19	13	7
Longevity										
Annual Herd 3rd+ Lactations	49.1% - 55.0%	49.9%	45.5%	42.7%	40.2%	38.1%	36.1%	33.9%	31.3%	27.6%
SCORE	100	100	92	78	64	52	41	30	20	10
Herd Efficiency										
Average Herd in Milk	86.4% - 89.3%	90.5%	89.4%	88.6%	87.9%	87.2%	86.5%	85.5%	84.1%	81.7%
SCORE	100	74	98	100	100	100	100	76	51	26

* Value after deductions/transportation

HOW PERCENTILES WORK: If all herds/animals were arranged in order from lowest to highest, the 75th percentile would be the value of the herd that is better than 75% of all the other herds. The 99th percentile value is that which is better than 99% of all the other herds.

Valeurs de référence quant aux aspects de gestion 2015

Pour tous les troupeaux inscrits auprès de l'**Ontario DHI** selon les moyennes de 2015 des troupeaux



ASPECT DE GESTION	R A N G C E N T I L E								
	90e	80e	70e	60e	50e	40e	30e	20e	10e
Valeur du lait (Holstein) Moy. des lactations actuelles de jours*	8,027 \$	7,608 \$	7,354 \$	7,113 \$	6,858 \$	6,596 \$	6,299 \$	5,900 \$	5,342 \$
Valeur du lait (Autre Race) Moy. des lactations actuelles de jours*	6,765 \$	6,262 \$	5,981 \$	5,749 \$	5,564 \$	5,347 \$	5,031 \$	4,803 \$	4,302 \$
Santé du pis Pointage linéaire moyenne du troupeau	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.2	3.4
Âge au premier vêlage Première lactation seulement en mois	23.8	24.3	24.8	25.2	25.6	26.2	26.8	27.8	29.4
Intervalle de vêlage Moyenne du troupeau, en mois	12.8	13.1	13.3	13.5	13.7	14.0	14.3	14.6	15.3
Longévité % annuel du troupeau en lactation	47.5%	43.5%	40.7%	38.4%	36.6%	34.7%	32.6%	30.0%	26.6%
% de vaches en lactation % annuel du troupeau en lactation	90.5%	89.4%	88.5%	87.7%	86.9%	86.0%	84.9%	83.2%	80.0%

* Valeur après déductions/transport

Comment travail de percentiles? Si tous les troupeau (des animaux ont pu être substitués aux troupeaux) étaient arrangés dans l'ordre de le plus bas à le plus haut. Le soixante-quinzième percentile seraient la valeur du troupeau qui est meilleur que 75% de tous les autres troupeaux. La quatre-vingt-dix-neuvième valeur de percentile est ce qui est meilleure que 99% de tous autres troupeaux.

Valeurs de référence quant aux aspects de gestion 2015

Pour tous les troupeaux inscrits auprès de **CANADA DHI** selon les moyennes de 2015 des troupeaux



ASPECT DE GESTION	R A N G C E N T I L E									
	MAX	90e	80e	70e	60e	50e	40e	30e	20e	10e
Valeur du lait (Holstein) Moy. des lactations actuelles de jours*	>9,640 \$	8,029 \$	7,633 \$	7,375 \$	7,145 \$	6,910 \$	6,671 \$	6,406 \$	6,071 \$	5,548 \$
POINTS	500	451	401	351	301	251	201	151	101	51
Valeur du lait (Autre Race) Moy. des lactations actuelles de jours*	>8,579 \$	6,819 \$	6,405 \$	6,083 \$	5,874 \$	5,651 \$	5,448 \$	5,199 \$	4,911 \$	4,423 \$
POINTS	500	450	400	350	301	251	201	150	100	50
Santé du pis Pointage linéaire moyenne du troupeau	<1.6	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.1	3.3
POINTS	150	141	129	111	98	87	62	51	32	18
Âge au premier vêlage Première lactation seulement en mois	<22.9	24.0	24.6	25.0	25.4	25.8	26.2	26.8	27.6	29.1
POINTS	100	91	81	71	61	51	41	31	21	11
Intervalle de vêlage Moyenne du troupeau, en mois	<13.2	12.8	13.1	13.2	13.4	13.7	13.9	14.2	14.5	15.1
POINTS	50	50	50	45	39	32	26	19	13	7
Longévité % annuel du troupeau en lactation	49.1% - 55.0%	49.9%	45.5%	42.7%	40.2%	38.1%	36.1%	33.9%	31.3%	27.6%
POINTS	100	100	92	78	64	52	41	30	20	10
% de vaches en lactation % annuel du troupeau en lactation	86.4% - 89.3%	90.5%	89.4%	88.6%	87.9%	87.2%	86.5%	85.5%	84.1%	81.7%
POINTS	100	74	98	100	100	100	100	76	51	26

* Valeur après déductions/transport

Comment travail de percentiles? Si tous les troupeaux (des animaux ont pu être substitués aux troupeaux) étaient arrangés dans l'ordre de le plus bas à le plus haut. Le soixante-quinzième percentile seraient la valeur du troupeau qui est meilleur que 75% de tous les autres troupeaux. La quatre-vingt-dix-neuvième valeur de percentile est ce qui est meilleure que 99% de tous autres troupeaux.

2015 CanWest DHI Reproduction Benchmarks by Herd Size (Ontario & West)

COWS										HEIFERS					
Herd Size and Percentile	Pregnancy Rate %	Insemination Rate %	Conception Rate %	DIM at 1st Bred	% Cows Pregnant at 150 DIM	Times Cows Bred	% Cows Pregnant to 1st Bred	Days Open	Calving Interval (MO)	Age at First Calving (MO)	Heifer Age at 1st Bred (MO)	Heifer Age at Conception (MO)	% Heifers Pregnant at 15 Months	Times Heifers Bred	% Heifers Pregnant to 1st Bred
<= 50 Cows (881 herds in benchmark)										(591 herds in benchmark)					
10	6	19	25	114	14	2.5	19	152	15.6	28.7	18.4	19.9	0	2.2	33
25	9	28	30	100	24	2.1	27	135	14.7	26.8	16.7	17.6	0	1.9	47
50	12	37	37	87	37	1.8	34	121	13.9	25.5	15.4	16.2	13	1.6	60
75	16	44	45	78	48	1.5	43	108	13.3	24.5	14.4	15.1	35	1.4	71
90	19	50	53	72	60	1.3	54	97	13.0	23.5	13.6	14.2	59	1.2	80
51-100 Cows (1,382 herds)										(1014 herds)					
10	8	23	26	109	19	2.4	22	144	15.1	28.4	18.0	19.1	0	2.2	37
25	11	32	32	95	31	2.1	29	130	14.6	26.7	16.3	17.4	5	1.9	48
50	14	40	38	83	43	1.8	37	117	13.7	25.4	15.1	16.0	19	1.7	60
75	18	48	45	75	53	1.6	45	106	13.2	24.4	14.4	15.0	39	1.4	71
90	21	54	51	70	63	1.4	52	98	12.9	23.7	13.7	14.4	55	1.2	81
101-150 Cows (575 herds)										(430 herds)					
10	9	24	30	111	24	2.3	28	137	15.1	27.7	17.5	18.5	0	2.2	43
25	13	33	34	93	37	2.1	33	125	14.1	26.3	15.9	16.9	10	1.9	50
50	16	43	40	82	48	1.8	40	113	13.5	25.1	14.9	15.7	25	1.7	61
75	20	51	46	74	58	1.6	47	105	13.1	24.2	14.1	14.8	47	1.5	71
90	23	58	52	67	67	1.4	54	98	12.7	23.5	13.5	14.2	64	1.2	85
151-300 Cows (382 herds)										(294 herds)					
10	10	29	30	102	30	2.3	28	133	14.7	26.8	16.6	16.9	6	2.2	45
25	14	40	35	87	42	2.2	33	121	13.9	25.5	15.3	16.1	17	1.9	52
50	18	48	39	78	53	1.9	39	112	13.3	24.7	14.5	15.2	34	1.7	60
75	21	55	43	72	61	1.7	45	103	13.0	23.9	13.8	14.6	57	1.5	70
90	24	61	48	68	67	1.6	50	97	12.7	23.4	13.3	13.9	71	1.2	83
>300 Cows (124 herds)										(98 herds)					
10	12	35	30	97	39	2.4	26	129	14.3	26.2	16.1	16.9	9	2.2	43
25	15	43	33	82	45	2.2	33	118	13.8	25.3	15.0	15.6	25	2.0	49
50	19	54	37	73	55	2.0	38	110	13.2	24.4	14.3	15.0	43	1.8	57
75	22	59	41	68	62	1.9	43	102	12.8	23.7	13.5	14.3	62	1.6	63
90	25	65	47	63	68	1.7	47	96	12.6	23.1	13.1	13.8	75	1.3	70

Cow Eligibility: Conception Rate >10% and <80% • Cows Bred >30% • Cows Pregnant >10% • Natural Services Included

Heifer Eligibility: Breeding Age Heifers (>12 months) to Total Cows >=25% • Heifers Bred >30% • Heifers Pregnant >10% • Natural Services Included

2015 CanWest DHI Reproduction Benchmarks by Province

COWS										HEIFERS					
Province & Percentile	Pregnancy Rate %	Insemination Rate %	Conception Rate %	DIM at 1st Bred	% Cows Pregnant at 150 DIM	Times Cows Bred	% Cows Pregnant to 1st Bred	Days Open	Calving Interval (MO)	Age at First Calving (MO)	Heifer Age at 1st Bred (MO)	Heifer Age at Conception (MO)	% Heifers Pregnant at 15 Months	Times Heifers Bred	% Heifers Pregnant to 1st Bred
Ontario															
25	11	33	31	93	30	2.2	28	129	14.3	26.4	16.1	17.1	6	1.9	47
50	14	41	37	82	43	1.9	36	116	13.7	25.1	14.9	15.8	21	1.7	59
75	18	49	44	74	55	1.6	43	105	13.2	24.1	14.1	14.8	44	1.5	69
90	21	56	50	68	64	1.4	51	97	12.8	23.4	13.4	14.2	62	1.3	79
Manitoba															
25	9	26	36	106	25	2.0	32	133	14.9	27.7	16.7	17.3	3	2.0	46
50	14	36	42	86	42	1.8	42	119	13.9	25.7	15.2	16.1	16	1.7	56
75	18	45	49	77	54	1.5	50	108	13.3	24.7	14.3	15.1	35	1.5	68
90	21	54	53	70	63	1.3	56	101	12.9	24.1	13.6	14.5	52	1.3	76
Saskatchewan															
25	11	30	36	101	35	2.0	34	127	14.5	26.4	15.7	16.3	13	1.7	55
50	15	39	40	83	43	1.7	39	118	13.7	25.1	14.8	15.4	28	1.5	75
75	18	46	46	77	54	1.6	47	107	13.3	24.2	14.4	14.6	43	1.0	100
90	20	53	53	74	61	1.4	57	101	13.0	23.8	13.7	14.2	61	1.0	100
Alberta															
25	12	31	37	94	37	2.0	36	123	14.1	26.4	16.0	16.7	7	1.8	54
50	17	42	41	82	49	1.8	42	112	13.4	25.2	15.0	15.7	24	1.5	66
75	20	51	47	73	60	1.6	48	103	13.0	24.4	14.4	14.8	46	1.2	79
90	23	56	52	68	67	1.4	54	95	12.7	23.6	13.7	14.2	65	1.1	96
British Columbia															
25	12	31	33	104	35	2.1	34	132	14.3	26.3	16.0	16.9	7	1.9	53
50	15	42	39	92	46	1.8	40	121	13.7	25.3	15.1	15.8	24	1.6	62
75	18	48	45	82	56	1.6	46	111	13.3	24.4	14.4	15.1	45	1.5	70
90	21	56	52	76	63	1.4	55	104	13.1	23.8	13.7	14.4	61	1.2	79

Cow Eligibility: Conception Rate >10% and <80% • Cows Bred >30% • Cows Pregnant >10% • Natural Services Included

Heifer Eligibility: Breeding Age Heifers (>12 months) to Total Cows >=25% • Heifers Bred >30% • Heifers Pregnant >10% • Natural Services Included