

2016 Management Centre (Based on 2016 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*	\$8,264	\$7,871	\$7,562	\$7,314	\$7,065	\$6,840	\$6,561	\$6,151	\$5,601
Milk Value: Non-Holstein Average of Current 305 Day Lactations*	\$7,015	\$6,608	\$6,221	\$6,012	\$5,753	\$5,511	\$5,208	\$4,933	\$4,429
Udder Health Herd Average Linear Score	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.2	3.4
Age at First Calving First Lactation (months)	23.6	24.1	24.5	25.0	25.5	26.0	26.6	27.6	29.2
Calving Interval Herd Average (months)	12.8	13.1	13.3	13.5	13.7	13.9	14.2	14.6	15.2
Longevity Annual Herd 3rd+ Lactations	48.2%	43.9%	41.2%	38.9%	37.2%	35.3%	33.3%	30.6%	27.1%
Herd Efficiency Average Herd in Milk	90.3%	89.2%	88.3%	87.5%	86.7%	85.8%	84.4%	82.8%	79.6%

* Value after deductions/transportation

2016 Management Centre (Based on 2016 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*	\$8,453	\$8,120	\$7,832	\$7,637	\$7,340	\$7,110	\$6,883	\$6,479	\$5,791
Milk Value: Non-Holstein Average of Current 305 Day Lactations*	\$7,154	\$6,791	\$6,399	\$6,278	\$6,035	\$5,712	\$5,423	\$5,104	\$4,262
Udder Health Herd Average Linear Score	2.0	2.2	2.4	2.5	2.6	2.7	2.9	3.0	3.3
Age at First Calving First Lactation (months)	23.7	24.2	24.7	25.0	25.5	25.9	26.6	27.5	29.0
Calving Interval Herd Average (months)	12.8	12.9	13.1	13.3	13.5	13.8	14.1	14.5	15.5
Longevity Annual Herd 3rd+ Lactations	44.4%	40.9%	38.5%	36.3%	35.0%	33.7%	31.5%	29.0%	25.7%
Herd Efficiency Average Herd in Milk	89.0%	87.7%	86.9%	85.7%	84.6%	83.4%	81.8%	79.8%	75.5%

* Value after deductions/transportation

2016 Management Centre (Based on 2016 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*	\$8,637	\$8,407	\$8,085	\$7,855	\$7,664	\$7,508	\$7,234	\$6,936	\$6,309
Milk Value: Non-Holstein Average of Current 305 Day Lactations*	\$7,687	\$7,377	\$7,008	\$6,817	\$6,535	\$6,183	\$5,939	\$5,497	\$4,545
Udder Health Herd Average Linear Score	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.9
Age at First Calving First Lactation (months)	23.8	24.3	24.6	25.0	25.4	25.8	26.3	27.0	28.9
Calving Interval Herd Average (months)	13.0	13.2	13.4	13.6	13.8	13.9	14.2	14.6	15.3
Longevity Annual Herd 3rd+ Lactations	46.0%	42.2%	39.0%	36.6%	34.6%	33.1%	31.7%	29.2%	26.1%
Herd Efficiency Average Herd in Milk	90.0%	88.8%	88.0%	87.5%	86.9%	86.3%	85.6%	85.0%	82.8%

* Value after deductions/transportation

2016 Management Centre (Based on 2016 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*	>\$9,941	\$8,256	\$7,832	\$7,574	\$7,324	\$7,087	\$6,866	\$6,600	\$6,252	\$5,710
SCORE	500	451	401	351	301	251	201	151	100	51
Milk Value: Non-Holstein										
Average of Current 305 Day Lactations*	>\$9,033	\$7,009	\$6,579	\$6,253	\$6,021	\$5,772	\$5,562	\$5,290	\$5,000	\$4,543
SCORE	500	450	400	350	301	251	200	150	100	50
Udder Health										
Herd Average Linear Score	<1.6	2.0	2.2	2.4	2.5	2.6	2.7	2.9	3.0	3.3
SCORE	150	139	126	107	95	83	71	49	39	17
Age at First Calving										
First Lactation (months)	<22.8	23.9	24.4	24.8	25.1	25.5	26.0	26.5	27.4	28.9
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	13.6	13.9	14.1	14.5	15.1
SCORE	50	50	50	45	38	32	26	20	13	7
Longevity										
Annual Herd 3rd+ Lactations	49.5 - 55.0%	50.3%	46.0%	43.2%	40.9%	38.8%	36.7%	34.6%	32.1%	28.3%
SCORE	100	100	92	78	64	52	40	30	20	10
Herd Efficiency										
Average Herd in Milk	86.1% - 89.1%	90.2%	89.2%	88.3%	87.7%	87.0%	86.2%	85.2%	83.8%	81.3%
SCORE	100	75	99	100	100	100	100	77	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.

2016 MANAGEMENT BENCHMARKS

ALL CANADIAN PROVINCES (based on DHI Herd Averages)



Free Stall: 1,799 Herds

Management Centre	90th	80th	70th	60th	50th	40th	30th	20th	10th
Milk Value (Holstein)	\$8,439	\$8,027	\$7,760	\$7,545	\$7,313	\$7,081	\$6,853	\$6,485	\$5,929
Milk Value (Coloured Breeds)	\$7,323	\$6,904	\$6,517	\$6,229	\$5,931	\$5,660	\$5,443	\$5,102	\$4,583
Udder Health (Linear Score)	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.9	3.1
Age At First Calving (Months)	23.5	24.0	24.4	24.7	25.2	25.6	26.2	27.0	28.6
Calving Interval (Months)	12.7	12.9	13.1	13.2	13.4	13.6	13.8	14.1	14.7
Longevity (% herd in 3rd lact+)	46.5%	42.6%	40.1%	38.0%	36.1%	34.4%	32.6%	30.3%	26.8%
Herd Efficiency (% herd in milk)	90.1%	89.1%	88.3%	87.6%	87.0%	86.3%	85.4%	84.1%	81.7%

Robotic Milking: 548 Herds

Management Centre	90th	80th	70th	60th	50th	40th	30th	20th	10th
Milk Value (Holstein)	\$8,545	\$8,205	\$7,982	\$7,705	\$7,572	\$7,382	\$7,137	\$6,852	\$6,424
Milk Value (Coloured Breeds)	\$7,314	\$7,053	\$6,886	\$6,698	\$6,389	\$6,113	\$5,701	\$5,375	\$4,929
Udder Health (Linear Score)	2.1	2.3	2.4	2.5	2.6	2.8	2.9	3.1	3.4
Age At First Calving (Months)	23.7	24.1	24.5	24.9	25.2	25.6	26.0	26.5	27.4
Calving Interval (Months)	12.7	13.0	13.1	13.3	13.4	13.6	13.8	14.1	14.7
Longevity (% herd in 3rd lact+)	46.1%	42.8%	40.5%	38.5%	36.8%	34.9%	33.2%	30.9%	27.0%
Herd Efficiency (% herd in milk)	89.5%	88.4%	87.8%	87.2%	86.5%	85.7%	84.6%	83.3%	81.2%

Tie Stall: 5,457 Herds

Management Centre	90th	80th	70th	60th	50th	40th	30th	20th	10th
Milk Value (Holstein)	\$8,122	\$7,714	\$7,444	\$7,185	\$6,965	\$6,739	\$6,473	\$6,131	\$5,601
Milk Value (Coloured Breeds)	\$6,777	\$6,452	\$6,146	\$5,928	\$5,667	\$5,475	\$5,219	\$4,952	\$4,488
Udder Health (Linear Score)	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.1	3.3
Age At First Calving (Months)	24.0	24.5	24.9	25.3	25.7	26.1	26.7	27.5	29.1
Calving Interval (Months)	12.9	13.2	13.3	13.5	13.7	14.0	14.2	14.6	15.2
Longevity (% herd in 3rd lact+)	51.3%	47.1%	44.1%	41.9%	39.9%	37.8%	35.6%	33.0%	28.9%
Herd Efficiency (% herd in milk)	90.3%	89.3%	88.4%	87.7%	87.0%	86.2%	85.2%	83.7%	81.2%

Organic: 145 Herds

Management Centre	90th	80th	70th	60th	50th	40th	30th	20th	10th
Milk Value (Holstein)*	\$8,469	\$8,019	\$7,726	\$7,414	\$7,040	\$6,788	\$6,386	\$6,031	\$5,517
Milk Value (Coloured Breeds)*	\$7,379	\$6,849	\$6,523	\$6,376	\$6,060	\$5,863	\$5,505	\$5,237	\$4,516
Udder Health (Linear Score)	2.5	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.7
Age At First Calving (Months)	24.5	25.2	25.6	26.0	26.6	26.9	27.9	29.0	30.7
Calving Interval (Months)	12.9	13.1	13.4	13.6	13.9	14.0	14.4	14.7	15.5
Longevity (% herd in 3rd lact+)	57.5%	52.1%	50.3%	48.1%	46.2%	43.6%	41.6%	39.2%	35.7%
Herd Efficiency (% herd in milk)	90.2%	89.3%	87.9%	87.3%	86.8%	86.0%	84.7%	83.3%	79.4%

* Organic milk prices used to calculate milk value.