

2014 CanWest DHI Reproduction Benchmarks by Herd Size (All Provinces)

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
Herds <= 50 Cows	979 (Number of Herds in Benchmark)										666				
10th	6	21	25	114	14	2.5	19	152	15.7	28.6	18.2	19.5	0	2.2	36
25th	10	28	31	101	26	2.1	27	137	14.8	27.0	16.8	17.8	0	1.8	50
50th	13	37	38	87	38	1.8	36	121	14.0	25.6	15.4	16.3	14	1.5	62
75th	16	45	45	77	50	1.5	45	108	13.4	24.6	14.5	15.2	33	1.3	73
90th	20	52	53	70	61	1.3	55	98	13.0	23.8	13.7	14.4	56	1.0	82
Herds 51 – 100	1,390										999				
10th	8	23	28	110	20	2.4	22	143	15.2	28.6	18.2	19.4	0	2.2	41
25th	11	32	33	96	31	2.1	30	130	14.4	27.0	16.6	17.7	4	1.9	50
50th	14	40	39	83	43	1.9	37	118	13.8	25.5	15.4	16.2	17	1.7	60
75th	18	48	45	75	54	1.6	46	107	13.3	24.6	14.4	15.2	36	1.4	70
90th	21	54	52	69	62	1.4	54	98	12.9	23.9	13.8	14.5	53	1.3	79
Herds 101 – 150	575										424				
10th	9	26	29	108	24	2.3	26	139	15.0	27.6	17.4	18.6	0	2.2	41
25th	13	35	35	94	36	2.1	33	126	14.1	26.4	16.2	17.1	6	1.9	51
50th	16	44	40	82	48	1.8	40	114	13.4	25.1	15.0	15.8	22	1.7	60
75th	20	51	46	73	58	1.6	46	105	13.0	24.3	14.3	15.0	46	1.5	69
90th	23	58	52	68	68	1.5	52	98	12.7	23.6	13.6	14.3	62	1.2	83
Herds 151 – 300	370										276				
10th	10	27	28	102	28	2.4	26	136	14.6	26.9	16.6	17.5	4	2.1	42
25th	13	38	34	89	40	2.1	33	124	13.9	25.8	15.6	16.3	14	1.9	51
50th	17	49	39	79	51	1.9	38	114	13.4	24.8	14.7	15.5	31	1.7	61
75th	21	54	43	71	60	1.8	45	104	13.0	24.1	14.0	14.8	49	1.5	70
90th	23	61	48	67	68	1.6	50	98	12.7	23.4	13.5	14.1	69	1.3	87
Herds > 300	117										96				
10th	11	34	31	96	35	2.4	28	129	14.1	26.6	16.5	17.1	2	2.2	42
25th	16	45	33	82	48	2.2	34	118	13.6	25.6	15.2	16.1	17	2.0	50
50th	19	53	38	75	54	2.0	38	107	13.2	24.8	14.3	15.1	41	1.7	57
75th	22	60	42	68	63	1.9	43	101	12.9	23.7	13.7	14.4	63	1.5	65
90th	25	65	47	63	70	1.7	48	96	12.6	23.0	13.0	13.7	72	1.4	73

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

HOW PERCENTILES WORK: If all the herds (animals could be substituted for herds) 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.

