

Supplemental tables 7a, 7b:

The Canadian Cow-calf Surveillance Network – Productivity and Health Data 2018 to 2022

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Table S7a. Summary of percentage of females bred using reproductive technologies and breeding season duration for **Western Canadian** cow-calf herds reported in submitted annual herd breeding to weaning records (n=364) for the C3SN between 2019 and 2022.

	Percent of cows bred AI/ET	Percent of heifers bred AI/ET	Breeding season length cows (days)	Breeding season length heifers (days)
Total herd records	N=363	N=347	N=357	N=338
Mean	6.4%	17.2%	85	78
SD*	16.5%	33.1%	35	37
2.5 th percentile	0.0%	0.0%	45	25
5 th percentile	0.0%	0.0%	48	30
25 th percentile	0.0%	0.0%	61	50
Median	0.0%	0.0%	74	68
75 th percentile	0.0%	5.3%	99	98
95 th percentile	47.3%	99.5%	162	146
97.5 th percentile	60.9%	100%	173	165

*Standard deviation

Table S7b. Summary of percentage of females bred using reproductive technologies and breeding season duration for **Eastern Canadian** cow-calf herds reported in submitted annual herd breeding to weaning records (n=179) for the C3SN between 2019 and 2022.

	Percent of cows bred AI/ET	Percent of heifers bred AI/ET	Breeding season length cows (days)	Breeding season length heifers (days)
Total herd records	N=179	N=159	N=162	N=154
Mean	23.6%	37.5%	136	116
SD*	31.2%	42.5%	70	58
2.5 th percentile	179	159	53	44
5 th percentile	23.6%	37.5%	57	47
25 th percentile	31.2%	42.5%	80	72
Median	0.0%	0.0%	114	102
75 th percentile	0.0%	0.0%	184	146
95 th percentile	0.0%	0.0%	259	233
97.5 th percentile	7.3%	8.3%	291	262

*Standard deviation