Spring 2017 - Canadian Charolais Breed Average, Percentiles and Trends

Breed Average EPD

	BW	WW	YW	MILK	TM	CE	CW	REA	Fat	LY	Marb
Current	1.3	43.4	83.0	21.2	42.9	70.5	17.5	0.41	0.40	0.72	0.16
Sires	1.3	43.1	82.2	21.2	42.7	67.5	17.0	0.42	0.36	0.76	0.11
Dams	1.8	41.5	79.0	20.9	41.7	65.5	17.0	0.42	0.21	0.76	0.11

Current – all calves born in the last 2 years (2015 - 2016)

Sires – all sires with a calf reported in the last 2 years

Dams – all dams with a calf reported in the last 2 years

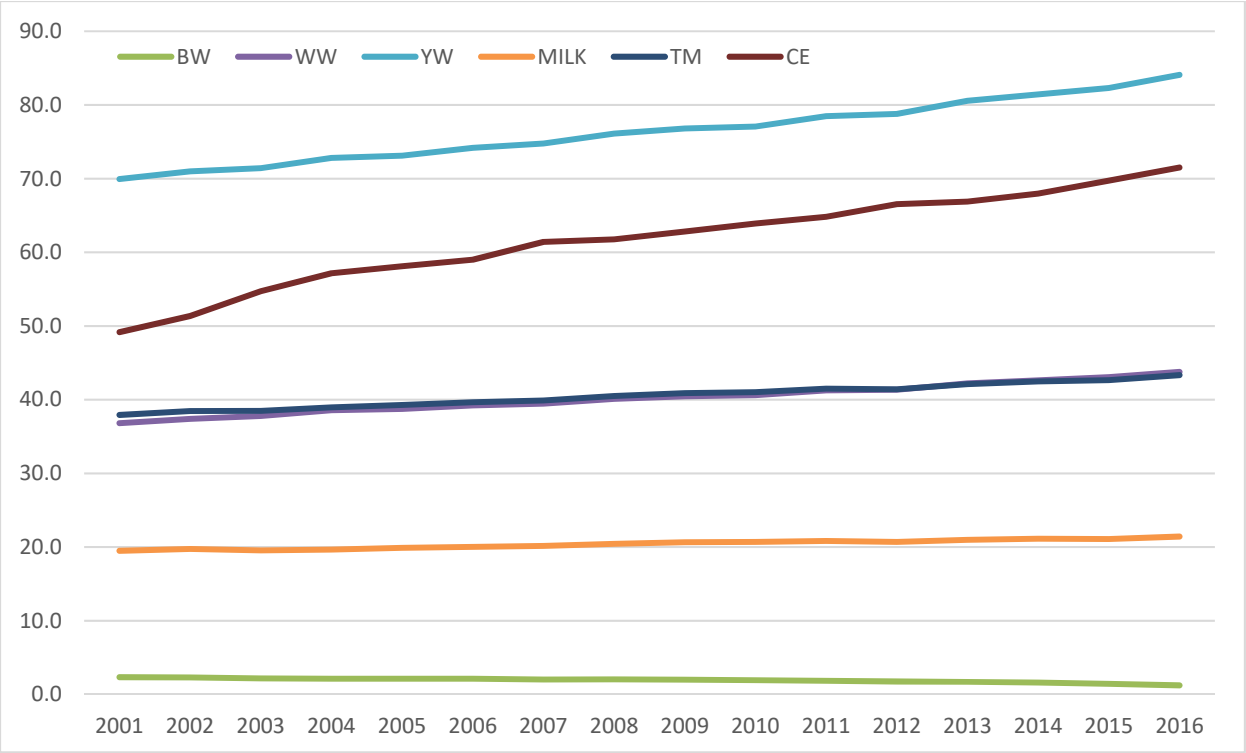
Percentile

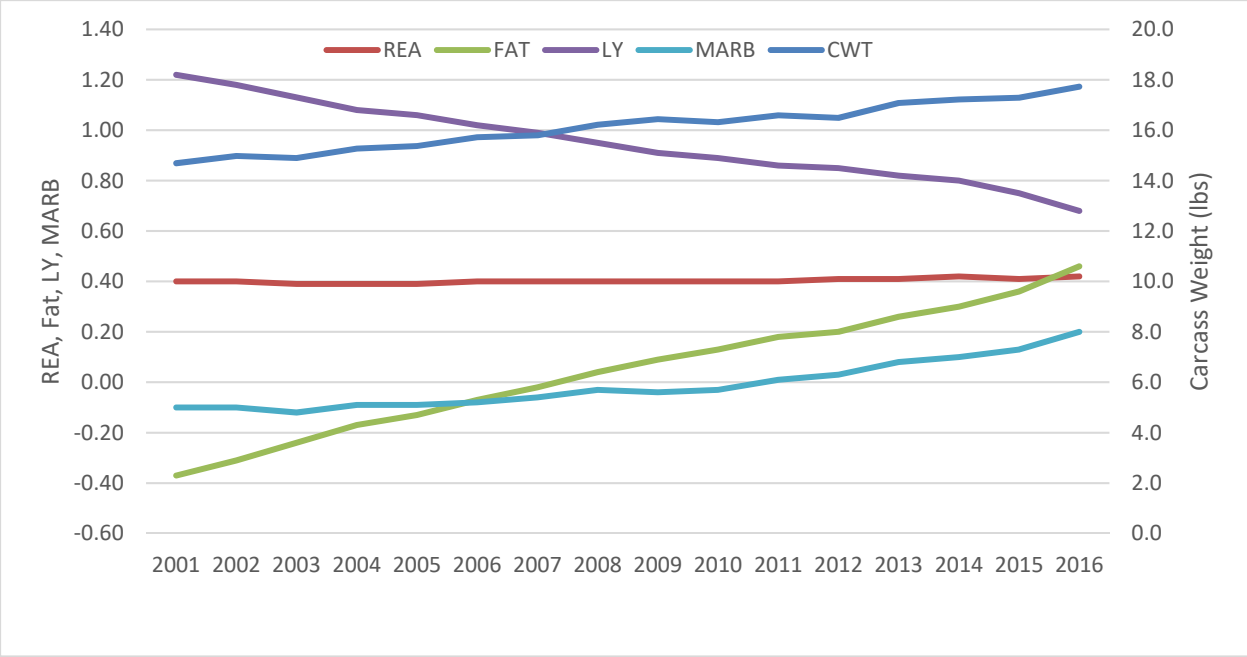
Pctl	BW	WW	YW	MILK	TM	CE	CWT	REA	FAT	LY	MARB
Avg	1.3	43.4	83.0	21.2	42.9	70.5	17.5	0.41	0.40	0.72	0.16
Min	-10.1	13.9	28.3	3.6	22.9	0.0	-7.6	-0.17	-1.69	-1.54	-2.22
Max	12.1	74.8	137.5	36.3	61.4	100.0	47.4	1.21	3.47	2.75	2.88
SD	2.26	7.43	13.50	3.92	4.83	22.30	6.14	0.130	0.492	0.402	0.486
1	-4.6	61.2	115.7	30.2	54.6	99.6	32.4	0.80	-0.93	1.80	1.45
2	-3.8	59.0	111.3	29.3	53.1	99.2	30.4	0.72	-0.78	1.68	1.23
3	-3.3	57.7	108.8	28.6	52.2	98.8	29.4	0.68	-0.68	1.60	1.14
4	-2.9	56.6	107.1	28.1	51.6	98.3	28.4	0.65	-0.57	1.51	1.06
5	-2.5	55.8	105.6	27.7	51.1	97.9	27.4	0.63	-0.47	1.44	1.00
10	-1.5	53.0	100.5	26.3	49.2	95.9	25.4	0.57	-0.19	1.21	0.78
15	-0.9	51.0	97.1	25.3	48.0	93.8	23.4	0.53	-0.04	1.09	0.64
20	-0.4	49.5	94.4	24.5	47.0	91.5	22.4	0.51	0.06	1.00	0.54
25	0.0	48.2	92.0	23.9	46.1	88.7	21.4	0.49	0.14	0.94	0.45
30	0.3	47.1	90.0	23.3	45.4	86.7	20.4	0.47	0.19	0.88	0.38
35	0.6	46.1	88.1	22.7	44.7	83.7	19.4	0.45	0.26	0.83	0.31
40	0.9	45.1	86.2	22.2	44.1	80.8	19.4	0.44	0.32	0.79	0.25
45	1.2	44.1	84.5	21.7	43.4	78.2	18.4	0.42	0.37	0.75	0.19
50	1.5	43.2	82.7	21.2	42.8	74.9	17.4	0.41	0.42	0.71	0.13
55	1.7	42.3	81.1	20.7	42.2	72.2	16.4	0.40	0.47	0.66	0.07
60	2.0	41.4	79.3	20.2	41.6	68.4	16.4	0.38	0.52	0.62	0.01
65	2.2	40.4	77.6	19.7	41.0	65.2	15.4	0.37	0.57	0.58	-0.04
70	2.5	39.5	75.7	19.2	40.4	61.0	14.4	0.35	0.62	0.54	-0.10
75	2.8	38.4	73.8	18.6	39.7	56.0	13.4	0.34	0.70	0.48	-0.16
80	3.1	37.3	71.7	18.0	38.9	50.8	12.4	0.32	0.77	0.43	-0.22
85	3.5	35.9	69.3	17.2	38.0	44.8	11.4	0.29	0.85	0.36	-0.31
90	4.0	34.1	66.2	16.3	36.9	37.4	9.4	0.26	0.98	0.27	-0.41
95	4.8	31.3	61.4	14.9	35.2	26.4	7.4	0.21	1.18	0.10	-0.57
100	12.1	13.9	28.3	3.6	22.9	0.0	-7.6	-0.17	3.47	-1.54	-2.22
N	27837	27837	27837	27837	27837	24022	27716	27716	27716	27716	27716

Percentiles are based on Current Calves – all calves born in the last 2 years (2015 – 2016)

Spring 2017 - Canadian Charolais Breed Average, Percentiles and Trends

Genetic Trends for Calving Ease, Growth and Carcass





Spring 2017 - Canadian Charolais Breed Average, Percentiles and Trends

EPD Abbreviations

Trait	Trait	Description	Units
BW	Birth weight	Describes genetic differences for progeny birth weight. A larger number indicates heavier calves at birth.	Lbs
WW	Weaning Weight	Genetic difference for progeny weaning weight. A larger number indicates heavier calves at weaning.	Lbs
YW	Yearling Weight	Genetic difference for progeny yearling weight. A larger number indicates heavier calves at one year of age.	Lbs
MILK	Milk	Genetic difference for daughters' progeny weaning weight due to their milk production (grandprogeny). A larger number indicates heavier calves from daughters at weaning.	Lbs
TM	Total Maternal	Genetic difference for daughters' progeny weaning weight due to their genes for milk and growth (grandprogeny). A larger number indicates heavier calves at weaning.	Lbs
CE	Calving Ease	Genetic difference for unassisted calving of progeny. A larger number indicates easier calving (less assistance).	Unassisted
CWT	Carcass Weight	Genetic difference for progeny carcass weight in pounds. A larger number indicates heavier carcasses.	Lbs
REA	Rib-Eye Area	Genetic difference for progeny Rib-Eye area in square inches. A larger number indicates bigger rib-eye muscle.	Sq. In.
FAT	Fat Thickness	Genetic difference for progeny backfat thickness at 12/13 rib. A larger value indicates fatter carcasses.	mm
MARB	Marbling	Genetic difference for progeny marbling score (quality grade) in marbling score units. A larger number indicates more marbling.	MSU
LY	Lean Yield	Genetic difference for progeny lean meat yield. A larger number indicates more lean meat in the carcass and more yield grade 1 carcasses.	%