

**Angus
Percentiles for Non-Parent Bulls**

Top %	Birth Wt.	Wean Wt.	Year Wt.	Mat. Milk	Direct CE	Mat. CE	Doc.	Carcass EPDs			
								Carc. Wt.	Marb.	REA	Fat
1%	-3.0	86	151	39	16	16	34	76	1.39	1.17	-0.053
2%	-2.5	82	145	37	15	15	32	72	1.28	1.09	-0.045
3%	-2.1	80	141	36	15	15	31	70	1.22	1.04	-0.040
4%	-1.8	78	139	35	14	15	30	68	1.17	1.01	-0.037
5%	-1.6	77	136	34	14	14	30	66	1.12	0.98	-0.034
10%	-1.0	72	128	32	12	13	27	61	0.99	0.89	-0.024
15%	-0.5	69	123	31	11	12	26	57	0.90	0.82	-0.018
20%	-0.2	67	118	30	10	12	24	54	0.83	0.77	-0.012
25%	0.1	65	115	29	10	11	23	52	0.77	0.73	-0.007
30%	0.4	63	112	28	9	11	22	50	0.72	0.69	-0.003
35%	0.6	61	109	27	8	10	21	48	0.67	0.66	0.001
40%	0.8	60	106	26	8	10	20	46	0.62	0.62	0.004
45%	1.1	58	103	26	7	9	19	44	0.58	0.59	0.008
50%	1.3	57	101	25	7	9	18	42	0.54	0.56	0.011
55%	1.5	55	98	25	6	8	17	41	0.50	0.53	0.015
60%	1.7	54	96	24	5	8	15	39	0.46	0.50	0.018
65%	1.9	52	93	23	5	7	14	37	0.42	0.47	0.022
70%	2.1	50	90	23	4	7	13	35	0.38	0.44	0.026
75%	2.4	49	87	22	3	6	12	33	0.33	0.40	0.030
80%	2.7	47	84	21	3	6	10	31	0.28	0.36	0.034
85%	3.0	44	79	20	2	5	8	28	0.23	0.31	0.040
90%	3.4	41	73	19	0	4	6	24	0.16	0.25	0.046
95%	4.1	35	63	17	-2	2	2	19	0.06	0.17	0.056

Percentiles for \$ Indexes are on the next page.

**Angus
Percentiles for Non-Parent Bulls**

Top %	\$Value Indexes					
	\$M	\$W	\$F	\$G	\$B	\$C
1%	88	91	121	85	190	310
2%	85	87	116	80	183	299
3%	83	85	113	77	178	293
4%	81	83	110	75	175	288
5%	80	81	108	73	172	284
10%	76	76	102	66	162	271
15%	73	72	97	62	156	262
20%	70	69	94	59	150	255
25%	68	67	91	56	146	249
30%	66	64	89	53	142	244
35%	64	62	86	51	139	239
40%	62	60	84	49	135	234
45%	61	58	82	47	132	230
50%	59	56	80	45	129	226
55%	57	55	79	43	126	221
60%	56	53	77	41	123	217
65%	54	51	75	39	120	213
70%	52	49	73	37	117	208
75%	50	47	71	35	113	203
80%	48	44	68	33	109	197
85%	45	41	66	31	104	190
90%	42	37	62	28	98	182
95%	37	31	55	24	89	168

Charolais
Percentiles for Non-Parent Bulls

Top %	Birth Wt.	Wean Wt.	Year Wt.	Mat. Milk	Direct CE	Mat. CE	Carcass EPDs			\$ Index	
							Carc. Wt.	Marb.	REA	Fat	TSI
1%	-5.2	52.6	96.1	22.9	15.2	12.8	40.2	0.32	1.08	-0.025	240.64
2%	-4.5	50.0	91.5	21.4	14.2	12.0	37.7	0.29	1.03	-0.022	236.35
3%	-4.0	48.4	88.7	20.6	13.5	11.5	36.0	0.27	1.00	-0.019	233.62
4%	-3.7	47.2	86.3	19.9	13.0	11.1	34.8	0.26	0.98	-0.018	231.47
5%	-3.4	46.1	84.6	19.3	12.5	10.8	33.8	0.25	0.96	-0.017	229.82
6%	-3.2	45.4	83.1	18.8	12.1	10.5	33.0	0.24	0.94	-0.015	228.30
7%	-3.0	44.7	81.9	18.4	11.8	10.3	32.4	0.23	0.93	-0.014	227.14
8%	-2.8	44.0	80.7	18.0	11.5	10.1	31.8	0.23	0.92	-0.013	226.05
9%	-2.6	43.4	79.6	17.6	11.3	9.9	31.2	0.22	0.91	-0.012	225.09
10%	-2.5	42.9	78.6	17.3	11.0	9.7	30.7	0.22	0.90	-0.012	224.17
15%	-1.9	40.7	74.9	15.9	10.0	9.0	28.6	0.19	0.86	-0.008	220.49
20%	-1.4	39.0	71.7	14.7	9.2	8.4	27.0	0.18	0.82	-0.005	217.61
25%	-1.0	37.5	69.0	13.8	8.5	7.8	25.7	0.16	0.80	-0.002	215.17
30%	-0.7	36.2	66.7	12.9	7.8	7.3	24.5	0.15	0.78	0.000	212.88
35%	-0.4	35.0	64.5	12.2	7.3	6.9	23.4	0.14	0.75	0.002	210.87
40%	-0.1	33.9	62.4	11.4	6.8	6.4	22.3	0.13	0.73	0.004	208.98
45%	0.1	32.8	60.5	10.8	6.2	6.0	21.3	0.12	0.71	0.007	207.17
50%	0.4	31.7	58.6	10.1	5.7	5.6	20.4	0.11	0.70	0.009	205.43
55%	0.6	30.6	56.7	9.4	5.2	5.2	19.5	0.10	0.68	0.011	203.62
60%	0.9	29.5	54.8	8.7	4.7	4.7	18.6	0.09	0.66	0.013	201.83
65%	1.1	28.3	52.8	8.1	4.1	4.2	17.6	0.08	0.64	0.015	199.92
70%	1.4	27.2	50.7	7.3	3.5	3.7	16.6	0.07	0.62	0.017	197.94
75%	1.6	25.8	48.4	6.5	2.8	3.2	15.5	0.05	0.60	0.020	195.91
80%	1.9	24.4	45.9	5.6	2.0	2.5	14.3	0.04	0.57	0.023	193.39
85%	2.3	22.6	42.8	4.5	1.1	1.8	12.9	0.02	0.55	0.026	190.41
90%	2.7	20.3	38.8	3.1	-0.2	0.7	11.1	0.00	0.51	0.030	186.62
95%	3.4	16.7	32.2	1.0	-2.2	-1.3	8.3	-0.04	0.46	0.036	180.67
100%	9.8	-14.3	-24.6	-16.8	-20.4	-14.7	-15.1	-0.29	0.03	0.076	132.30

Hereford
Percentiles for Non-Parent Bulls

Top %	Birth Wt.	Wean Wt.	Year Wt.	Mat. Milk	Dir. CE	Mat. CE	Carcass EPDs			\$ Indexes			
							Carc. Wt.	Marb.	REA	Fat	BMI\$	BIIS	CHBS
1%	-3.2	72	118	39	14.7	9.4	89	0.50	0.81	-0.036	496	586	163
2%	-1.4	70	114	37	12.9	8.5	86	0.42	0.74	-0.026	477	565	154
3%	-0.8	69	111	36	11.7	7.9	84	0.38	0.71	-0.026	465	552	149
4%	-0.4	68	109	35	10.8	7.5	83	0.35	0.68	-0.026	456	543	145
5%	-0.2	67	108	35	10.2	7.1	82	0.33	0.66	-0.026	449	535	143
10%	0.6	64	103	32	8.2	6.0	78	0.25	0.59	-0.016	425	507	133
15%	1.1	62	99	31	7.0	5.2	76	0.21	0.55	-0.006	410	489	128
20%	1.5	60	97	30	6.1	4.6	74	0.19	0.51	-0.006	399	475	124
25%	1.8	59	95	29	5.3	4.1	72	0.16	0.49	-0.006	389	464	120
30%	2.0	58	93	28	4.7	3.7	71	0.14	0.46	0.004	380	453	118
35%	2.3	57	91	27	4.0	3.2	70	0.13	0.44	0.004	372	443	116
40%	2.5	56	89	27	3.5	2.8	69	0.11	0.42	0.004	364	435	113
45%	2.7	55	88	26	2.9	2.4	68	0.10	0.40	0.004	357	426	111
50%	2.9	54	86	25	2.4	2.0	67	0.08	0.38	0.014	349	418	110
55%	3.1	53	84	24	1.9	1.7	65	0.07	0.36	0.014	343	410	108
60%	3.3	52	83	24	1.3	1.2	64	0.06	0.34	0.014	336	401	106
65%	3.5	51	81	23	0.8	0.8	63	0.05	0.32	0.024	328	393	104
70%	3.7	49	79	22	0.2	0.4	62	0.03	0.29	0.024	321	385	103
75%	4.0	48	77	21	-0.4	-0.1	61	0.02	0.27	0.034	313	376	101
80%	4.3	47	75	20	-1.1	-0.7	59	0.00	0.24	0.034	304	366	99
85%	4.6	45	72	19	-1.9	-1.3	57	-0.01	0.20	0.034	294	355	96
90%	5.0	43	69	17	-2.9	-2.1	55	-0.03	0.16	0.044	282	341	93
95%	5.7	39	63	15	-4.5	-3.5	51	-0.07	0.09	0.054	261	319	88
100%	11.9	-16	-31	-13	-16.0	-18.2	-19	-0.47	-0.82	0.194	60	111	-34

Simmental
Percentiles for Purebred Simmentals

Top %	Birth Wt.	Wean. Wt.	Year. Wt.	Mat. Milk	Dir. CE	Mat. CE	Doc.	Carcass EPDs				\$ Indexes		
								Carc. Wt.	Marb	REA	Fat	Yield Grade	API	TI
1%	-3.3	99.8	153.9	35.1	17.8	10.7	18.1	53.7	0.57	1.34	-0.13	-0.58	170.34	97.46
2%	-2.6	96.7	149.0	33.7	16.8	10.1	17.1	50.3	0.51	1.26	-0.12	-0.56	164.62	94.98
3%	-2.1	94.9	145.9	32.7	16.2	9.7	16.6	48.8	0.47	1.22	-0.12	-0.55	161.36	93.38
4%	-1.8	93.6	143.7	32.0	15.8	9.4	16.2	47.1	0.44	1.19	-0.12	-0.54	158.81	92.03
5%	-1.5	92.6	141.7	31.5	15.4	9.1	15.9	45.9	0.41	1.16	-0.12	-0.53	156.82	91.03
10%	-0.7	88.8	135.0	29.6	14.3	8.4	14.8	41.9	0.34	1.09	-0.11	-0.51	149.50	87.53
15%	-0.2	86.3	130.7	28.4	13.5	7.8	14.0	39.4	0.28	1.05	-0.11	-0.49	144.68	85.28
20%	0.2	84.3	127.2	27.3	12.9	7.4	13.4	37.3	0.24	1.01	-0.10	-0.48	141.30	83.47
25%	0.6	82.6	124.4	26.4	12.5	7.0	12.9	35.6	0.21	0.98	-0.10	-0.47	138.10	81.92
30%	0.9	81.2	121.8	25.6	12.1	6.7	12.5	34.1	0.19	0.95	-0.10	-0.46	135.49	80.58
35%	1.1	79.9	119.5	24.9	11.7	6.4	12.2	32.7	0.16	0.93	-0.10	-0.45	133.05	79.39
40%	1.4	78.5	117.3	24.3	11.3	6.2	11.8	31.4	0.14	0.91	-0.09	-0.44	130.84	78.31
45%	1.6	77.3	115.2	23.7	11.0	5.9	11.5	30.2	0.12	0.89	-0.09	-0.43	128.71	77.27
50%	1.8	76.1	113.2	23.1	10.6	5.6	11.1	29.0	0.11	0.87	-0.09	-0.42	126.69	76.27
55%	2.0	75.0	111.1	22.5	10.3	5.4	10.8	27.7	0.09	0.85	-0.09	-0.41	124.73	75.26
60%	2.2	73.8	109.0	22.0	9.9	5.2	10.4	26.6	0.07	0.83	-0.08	-0.40	122.77	74.29
65%	2.5	72.6	106.9	21.4	9.6	4.9	10.1	25.4	0.06	0.81	-0.08	-0.39	120.93	73.33
70%	2.7	71.4	104.8	20.9	9.1	4.6	9.7	24.1	0.04	0.78	-0.08	-0.38	118.97	72.31
75%	2.9	70.0	102.5	20.3	8.7	4.3	9.3	22.8	0.02	0.76	-0.08	-0.37	117.00	71.25
80%	3.2	68.5	100.0	19.6	8.2	4.0	8.7	21.4	0.00	0.73	-0.07	-0.36	114.91	70.09
85%	3.5	66.9	97.3	18.9	7.6	3.6	8.1	19.7	-0.02	0.70	-0.07	-0.34	112.37	68.86
90%	4.0	64.8	93.9	18.0	6.8	3.2	7.2	17.5	-0.05	0.67	-0.07	-0.32	109.25	67.22
95%	4.7	61.6	88.9	16.6	5.6	2.4	5.8	14.4	-0.09	0.61	-0.06	-0.29	104.84	65.06

**Simmental
Percentiles for Hybrid Simmentals**

Top %	Birth Wt.	Wean. Wt.	Year. Wt.	Mat. Milk	Dir. CE	Mat. CE	Doc.	Carcass EPDs				\$ Indexes		
								Carc. Wt.	Marb	REA	Fat	Yield Grade	API	TI
1%	-5.1	99.3	157.8	33.3	20.0	12.1	18.6	61.4	0.88	1.18	-0.11	-0.50	177.47	97.28
2%	-4.3	95.9	152.4	31.8	18.9	11.4	17.7	57.2	0.78	1.10	-0.10	-0.47	169.78	94.83
3%	-3.8	93.9	148.6	30.8	18.3	11.0	17.1	54.7	0.73	1.05	-0.10	-0.45	165.71	93.32
4%	-3.5	92.4	145.9	30.2	17.8	10.7	16.7	52.8	0.69	1.02	-0.09	-0.44	162.51	92.26
5%	-3.2	91.3	143.9	29.7	17.4	10.4	16.4	51.4	0.66	0.99	-0.09	-0.42	160.14	91.36
10%	-2.3	87.4	137.0	28.0	16.1	9.6	15.4	47.0	0.56	0.91	-0.08	-0.38	152.36	88.07
15%	-1.6	84.7	132.6	26.9	15.3	9.0	14.7	44.2	0.51	0.86	-0.07	-0.35	147.38	86.00
20%	-1.2	82.7	129.1	26.1	14.7	8.6	14.1	41.9	0.46	0.82	-0.07	-0.32	143.71	84.33
25%	-0.8	80.9	126.1	25.3	14.2	8.2	13.6	40.0	0.43	0.78	-0.06	-0.30	140.54	82.91
30%	-0.5	79.4	123.6	24.7	13.7	7.9	13.2	38.3	0.39	0.75	-0.06	-0.29	137.67	81.63
35%	-0.2	78.0	121.1	24.1	13.3	7.6	12.8	36.7	0.36	0.72	-0.05	-0.27	135.01	80.39
40%	0.1	76.7	118.8	23.5	12.9	7.3	12.5	35.2	0.33	0.70	-0.05	-0.25	132.47	79.21
45%	0.3	75.4	116.6	23.0	12.5	7.0	12.1	33.8	0.31	0.67	-0.05	-0.23	130.08	78.13
50%	0.5	74.1	114.4	22.5	12.1	6.7	11.8	32.5	0.28	0.64	-0.04	-0.22	127.72	76.95
55%	0.8	72.9	112.2	22.0	11.8	6.5	11.5	31.0	0.26	0.62	-0.04	-0.20	125.32	75.79
60%	1.0	71.6	110.0	21.4	11.4	6.2	11.1	29.7	0.24	0.59	-0.04	-0.19	122.94	74.58
65%	1.3	70.3	107.7	20.8	11.1	5.9	10.8	28.2	0.21	0.56	-0.03	-0.17	120.43	73.42
70%	1.5	68.9	105.3	20.3	10.6	5.6	10.4	26.7	0.19	0.54	-0.03	-0.15	117.79	72.21
75%	1.8	67.5	102.8	19.6	10.2	5.3	10.0	25.0	0.17	0.50	-0.02	-0.13	115.05	70.85
80%	2.1	65.9	100.0	18.9	9.7	4.9	9.5	23.1	0.14	0.47	-0.02	-0.11	112.04	69.37
85%	2.4	64.0	96.8	18.1	9.1	4.5	8.9	21.0	0.11	0.43	-0.02	-0.09	108.68	67.73
90%	2.9	61.6	92.7	17.1	8.3	4.0	8.1	18.3	0.08	0.38	-0.01	-0.06	104.42	65.68
95%	3.6	57.8	86.8	15.5	7.1	3.1	6.7	14.4	0.02	0.30	0.00	-0.02	97.88	62.80

Hybrid Simmental percentiles should be used for SimAngus bulls.