

**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	84	148	39	16	16	33	74	1.38	1.17	-0.053
2%	-2.5	81	142	37	15	15	32	70	1.27	1.09	-0.045
3%	-2.1	79	138	36	15	15	31	68	1.20	1.04	-0.040
4%	-1.8	77	136	35	14	14	30	66	1.15	1.01	-0.037
5%	-1.6	76	133	34	14	14	29	64	1.11	0.98	-0.034
10%	-1.0	71	126	32	12	13	27	59	0.97	0.88	-0.024
15%	-0.5	68	121	31	11	12	25	56	0.88	0.82	-0.017
20%	-0.2	66	117	29	10	12	24	53	0.81	0.76	-0.011
25%	0.1	64	113	29	10	11	23	51	0.75	0.72	-0.007
30%	0.4	62	110	28	9	11	21	49	0.69	0.68	-0.003
35%	0.6	61	107	27	8	10	20	47	0.65	0.65	0.001
40%	0.9	59	105	26	8	10	19	45	0.60	0.62	0.005
45%	1.1	58	102	26	7	9	18	44	0.56	0.58	0.008
50%	1.3	56	100	25	7	9	17	42	0.52	0.55	0.012
55%	1.5	55	97	24	6	8	16	40	0.48	0.52	0.015
60%	1.7	53	94	24	5	8	15	38	0.45	0.49	0.019
65%	1.9	52	92	23	5	8	14	37	0.41	0.46	0.022
70%	2.1	50	89	22	4	7	13	35	0.37	0.43	0.026
75%	2.4	48	86	22	3	6	11	33	0.32	0.39	0.030
80%	2.7	46	82	21	3	6	10	30	0.28	0.35	0.034
85%	3.0	44	78	20	2	5	8	28	0.22	0.30	0.040
90%	3.4	40	72	19	0	4	5	24	0.16	0.25	0.046
95%	4.1	35	63	17	-2	2	2	18	0.07	0.16	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	90	118	85	185	303
2%	85	86	113	80	178	294
3%	83	84	110	77	174	288
4%	82	82	108	74	171	283
5%	80	80	106	72	168	280
10%	76	75	100	65	159	267
15%	73	71	96	61	153	258
20%	71	68	93	57	148	252
25%	69	66	90	55	144	246
30%	67	64	87	52	140	241
35%	65	61	85	50	137	236
40%	63	59	83	48	134	232
45%	61	58	81	46	131	228
50%	60	56	80	44	128	224
55%	58	54	78	42	125	220
60%	56	52	76	41	122	216
65%	54	50	74	39	119	212
70%	53	48	72	37	116	207
75%	51	46	70	35	112	203
80%	48	44	68	33	109	197
85%	46	41	65	31	104	191
90%	42	37	61	28	99	183
95%	37	30	55	24	89	170

**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%	-5.0	51.5	94.5	22.4	14.8	12.3	39.8	0.33	1.08	-0.026	238.93
2%	-4.3	49.0	89.6	21.1	13.8	11.5	37.2	0.29	1.03	-0.022	234.78
3%	-3.9	47.4	86.8	20.3	13.1	11.0	35.6	0.27	1.00	-0.019	231.88
4%	-3.6	46.3	84.6	19.7	12.6	10.7	34.4	0.26	0.97	-0.018	229.63
5%	-3.3	45.3	82.7	19.1	12.2	10.4	33.4	0.25	0.95	-0.016	228.10
6%	-3.1	44.5	81.2	18.6	11.8	10.1	32.6	0.24	0.94	-0.015	226.72
7%	-2.9	43.8	80.0	18.2	11.5	9.9	32.0	0.23	0.92	-0.014	225.49
8%	-2.7	43.2	78.8	17.8	11.2	9.7	31.3	0.22	0.91	-0.013	224.30
9%	-2.5	42.6	77.8	17.4	11.0	9.5	30.8	0.22	0.90	-0.012	223.33
10%	-2.4	42.1	76.8	17.1	10.7	9.3	30.3	0.21	0.89	-0.011	222.41
15%	-1.8	39.9	72.8	15.6	9.7	8.7	28.1	0.19	0.85	-0.008	218.74
20%	-1.3	38.2	69.9	14.5	8.9	8.1	26.5	0.17	0.82	-0.005	215.87
25%	-0.9	36.8	67.2	13.5	8.2	7.6	25.1	0.16	0.79	-0.003	213.40
30%	-0.6	35.5	64.9	12.7	7.6	7.2	23.9	0.15	0.76	-0.001	211.21
35%	-0.3	34.3	62.8	11.9	7.1	6.7	22.8	0.14	0.74	0.001	209.21
40%	-0.1	33.2	60.8	11.2	6.6	6.3	21.8	0.12	0.72	0.003	207.31
45%	0.2	32.1	59.0	10.6	6.1	5.9	20.9	0.11	0.70	0.005	205.58
50%	0.4	31.0	57.1	9.9	5.6	5.5	19.9	0.10	0.68	0.008	203.77
55%	0.7	30.0	55.2	9.2	5.1	5.1	18.9	0.09	0.66	0.010	201.94
60%	0.9	28.9	53.3	8.5	4.6	4.6	18.0	0.08	0.65	0.012	200.08
65%	1.1	27.8	51.4	7.8	4.0	4.2	17.0	0.07	0.63	0.015	198.19
70%	1.4	26.6	49.3	7.1	3.4	3.7	15.9	0.06	0.61	0.017	196.20
75%	1.6	25.3	47.0	6.3	2.7	3.1	14.9	0.05	0.58	0.020	193.96
80%	1.9	23.8	44.4	5.4	1.9	2.5	13.6	0.04	0.56	0.023	191.45
85%	2.3	22.1	41.3	4.3	1.0	1.7	12.2	0.02	0.53	0.026	188.56
90%	2.7	19.8	37.2	3.0	-0.3	0.5	10.2	-0.01	0.50	0.030	184.58
95%	3.4	16.1	30.6	0.9	-2.3	-1.5	7.3	-0.04	0.44	0.037	178.53
100%	10.9	-10.8	-18.8	-13.4	-26.5	-15.5	-19.0	-0.33	-0.02	0.077	126.73

**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%	-3.0	71	116	38	15.1	9.2	88	0.48	0.78	-0.037	475	564	131
2%	-1.3	69	112	37	12.9	8.3	85	0.41	0.72	-0.037	458	545	126
3%	-0.8	67	109	36	11.6	7.7	83	0.37	0.69	-0.027	447	533	124
4%	-0.4	66	107	35	10.8	7.3	82	0.34	0.66	-0.027	439	523	122
5%	-0.1	66	106	34	10.1	7.0	81	0.32	0.64	-0.027	432	515	120
10%	0.7	63	101	32	8.1	5.9	77	0.24	0.58	-0.017	409	488	115
15%	1.1	61	98	30	6.9	5.1	75	0.20	0.54	-0.017	394	470	112
20%	1.5	59	95	29	5.9	4.5	73	0.18	0.50	-0.007	383	457	110
25%	1.8	58	93	28	5.2	4.0	71	0.15	0.48	-0.007	373	446	108
30%	2.1	57	91	27	4.5	3.5	70	0.13	0.45	0.003	365	435	106
35%	2.3	56	89	27	3.9	3.1	69	0.12	0.43	0.003	357	426	105
40%	2.5	55	88	26	3.3	2.7	68	0.10	0.41	0.003	350	418	103
45%	2.7	54	86	25	2.7	2.3	66	0.09	0.39	0.003	343	409	102
50%	2.9	53	85	24	2.2	1.9	65	0.07	0.37	0.013	336	401	101
55%	3.1	52	83	24	1.7	1.5	64	0.06	0.35	0.013	329	394	99
60%	3.3	51	81	23	1.2	1.1	63	0.05	0.33	0.013	323	386	98
65%	3.6	49	80	22	0.6	0.7	62	0.04	0.31	0.023	316	378	97
70%	3.8	48	78	21	0.1	0.2	61	0.02	0.29	0.023	309	370	95
75%	4.0	47	76	21	-0.6	-0.2	59	0.01	0.26	0.023	302	362	94
80%	4.3	46	74	19	-1.2	-0.8	58	-0.01	0.23	0.033	294	353	92
85%	4.7	44	71	18	-2.0	-1.5	56	-0.02	0.20	0.033	284	342	90
90%	5.1	41	67	16	-3.1	-2.3	53	-0.05	0.16	0.043	272	329	87
95%	5.8	37	61	13	-4.6	-3.7	49	-0.08	0.09	0.053	252	309	82
100%	12.9	-14	-30	-10	-15.4	-20.0	-5	-0.44	-0.85	0.153	52	99	5

**Red Angus**  
**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	Yield Grade	HB	GM
1%	-6.2	80	130	33	18	11	44	0.79	0.51	-0.02	-0.11	214	53
2%	-5.8	78	127	32	18	11	41	0.75	0.44	-0.02	-0.08	209	52
3%	-5.5	77	124	32	17	10	39	0.72	0.40	-0.01	-0.06	206	52
4%	-5.2	76	122	31	17	10	38	0.70	0.37	-0.01	-0.05	203	52
5%	-5.0	75	120	31	17	10	37	0.68	0.34	-0.01	-0.04	201	51
10%	-4.3	71	114	29	16	9	33	0.61	0.26	0.00	0.00	193	50
15%	-3.8	69	110	28	15	9	31	0.57	0.22	0.01	0.03	188	50
20%	-3.4	67	107	28	15	8	29	0.53	0.18	0.01	0.04	183	49
25%	-3.0	66	105	27	14	8	27	0.50	0.15	0.01	0.06	179	49
30%	-2.7	64	102	26	14	8	26	0.47	0.12	0.01	0.07	176	49
35%	-2.5	63	100	26	13	8	25	0.45	0.10	0.02	0.08	173	48
40%	-2.2	62	98	25	13	7	23	0.43	0.07	0.02	0.08	170	48
45%	-2.0	61	96	25	13	7	22	0.40	0.05	0.02	0.09	167	48
50%	-1.7	59	94	24	12	7	21	0.38	0.03	0.02	0.10	165	48
55%	-1.5	58	92	24	12	7	20	0.36	0.01	0.03	0.11	162	47
60%	-1.2	57	90	23	12	6	19	0.34	-0.01	0.03	0.12	159	47
65%	-1.0	56	88	23	11	6	17	0.32	-0.03	0.03	0.12	156	47
70%	-0.7	54	85	22	11	6	16	0.30	-0.05	0.03	0.13	152	46
75%	-0.4	53	83	22	11	6	14	0.28	-0.08	0.03	0.14	148	46
80%	-0.1	51	80	21	10	5	13	0.26	-0.10	0.04	0.15	144	46
85%	0.2	49	76	20	10	5	11	0.24	-0.13	0.04	0.16	138	45
90%	0.7	46	71	19	9	4	8	0.21	-0.17	0.04	0.18	130	45
95%	1.5	42	64	18	8	4	4	0.17	-0.23	0.05	0.20	119	44

\$ Indexes:

HB = HerdBuilder

GM = GridMaster

**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%	-4.8	96.0	152.6	33.1	19.5	12.0	18.5	59.1	0.83	1.18	-0.12	-0.52	170.53	93.90
2%	-4.1	93.0	147.3	31.7	18.5	11.4	17.6	55.1	0.75	1.11	-0.12	-0.49	165.89	91.75
3%	-3.6	91.2	143.9	30.7	17.9	10.9	17.0	52.9	0.71	1.07	-0.11	-0.47	162.60	90.28
4%	-3.3	89.8	141.4	30.0	17.5	10.6	16.6	51.3	0.68	1.04	-0.11	-0.46	160.18	89.22
5%	-3.0	88.7	139.4	29.5	17.1	10.4	16.3	50.0	0.65	1.01	-0.10	-0.44	158.15	88.34
10%	-2.2	85.0	133.1	27.9	15.9	9.5	15.3	45.7	0.57	0.93	-0.09	-0.40	151.40	85.51
15%	-1.6	82.5	128.8	26.8	15.2	8.9	14.5	43.1	0.51	0.88	-0.08	-0.37	146.80	83.58
20%	-1.2	80.5	125.6	25.9	14.5	8.5	14.0	41.0	0.47	0.84	-0.08	-0.35	143.23	82.06
25%	-0.8	78.8	122.8	25.2	14.0	8.1	13.5	39.2	0.43	0.80	-0.07	-0.33	140.08	80.69
30%	-0.5	77.4	120.2	24.6	13.5	7.8	13.1	37.6	0.39	0.77	-0.07	-0.31	137.26	79.47
35%	-0.2	76.0	117.9	24.0	13.1	7.5	12.7	36.1	0.36	0.75	-0.06	-0.29	134.60	78.31
40%	0.1	74.7	115.7	23.5	12.8	7.2	12.4	34.6	0.34	0.72	-0.06	-0.28	132.26	77.19
45%	0.3	73.4	113.5	23.1	12.4	6.9	12.0	33.3	0.31	0.69	-0.05	-0.26	129.98	76.10
50%	0.5	72.2	111.5	22.6	12.0	6.6	11.7	31.9	0.28	0.67	-0.05	-0.24	127.73	74.98
55%	0.8	71.0	109.4	22.0	11.7	6.4	11.4	30.6	0.26	0.64	-0.04	-0.23	125.47	73.89
60%	1.0	69.8	107.2	21.5	11.3	6.1	11.0	29.2	0.23	0.62	-0.04	-0.21	123.19	72.83
65%	1.2	68.6	105.0	21.0	11.0	5.8	10.7	27.8	0.21	0.59	-0.04	-0.20	120.78	71.70
70%	1.5	67.3	102.7	20.4	10.6	5.5	10.4	26.3	0.19	0.57	-0.03	-0.18	118.28	70.56
75%	1.8	65.8	100.2	19.8	10.1	5.2	10.0	24.8	0.16	0.54	-0.03	-0.16	115.64	69.32
80%	2.1	64.2	97.4	19.1	9.7	4.9	9.5	23.2	0.13	0.50	-0.02	-0.14	112.88	67.98
85%	2.4	62.3	94.1	18.3	9.0	4.4	8.9	21.2	0.10	0.47	-0.02	-0.12	109.72	66.36
90%	2.8	59.9	90.2	17.2	8.3	3.9	8.1	18.7	0.06	0.42	-0.01	-0.09	105.35	64.28
95%	3.5	56.7	84.6	15.5	7.1	3.0	6.7	14.9	0.00	0.35	0.00	-0.05	98.68	61.34

Hybrid Simmental percentiles should be used for SimAngus bulls.