

# Pan American Hereford Cattle Evaluation

## Genetic Trend

EPDs as of September 13, 2021

### Includes:

Genetic Trend: EPD and \$ Index Means by Birth Year Group

Averages and Percentile Breakdown - Active Sires

Averages and Percentile Breakdown - Active Dams

Averages and Percentile Breakdown - 2019 & 2020 Calves



**EPDs as of September 13, 2021**  
**Pan American Hereford Cattle Evaluation**

**Genetic Trend: EPD & \$ Index Means - All Animals - By Birth Year Group Count**

Birth Yr.	Count	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	CEM	MCW	UDDR	TEAT	CW	FAT	REA	MARB	BMI	BII	CHB	Count
89	24,641	2.2	2.6	27.4	49.9	-0.49	0.2	15.8	10.8	24.5	0.1	64.0	1.04	1.01	45.5	-0.013	0.07	0.05	316.2	357.4	91.2	24,641
90	27,587	2.1	2.7	28.3	51.2	-0.48	0.2	15.8	10.7	24.9	0.0	65.0	1.04	1.01	45.7	-0.014	0.08	0.05	317.4	359.4	91.5	27,587
91	29,763	2.0	2.8	28.8	51.7	-0.48	0.3	15.6	11.0	25.4	0.1	65.9	1.04	1.01	45.9	-0.013	0.08	0.05	314.8	357.2	91.5	29,763
92	31,077	1.7	2.9	29.6	52.9	-0.46	0.3	15.3	11.2	26.0	0.2	67.4	1.04	1.01	46.1	-0.013	0.07	0.05	310.4	353.2	91.3	31,077
93	33,036	1.9	2.9	30.4	53.7	-0.46	0.3	15.2	11.3	26.5	0.3	67.3	1.04	1.01	46.3	-0.013	0.08	0.05	308.6	352.0	91.4	33,036
94	35,721	1.7	3.1	31.1	54.7	-0.45	0.3	14.8	11.5	27.1	0.3	68.0	1.04	1.01	46.5	-0.012	0.08	0.04	303.6	347.3	91.4	35,721
95	39,971	1.8	3.1	31.9	55.7	-0.45	0.3	14.4	11.9	27.8	0.4	68.8	1.04	1.01	46.8	-0.012	0.08	0.04	298.4	342.6	91.7	39,971
96	45,230	1.8	3.1	32.9	56.9	-0.44	0.3	14.4	12.4	28.8	0.4	69.3	1.04	1.02	47.1	-0.012	0.08	0.04	298.2	343.3	92.0	45,230
97	46,640	1.6	3.2	33.3	57.5	-0.43	0.4	14.0	12.6	29.3	0.4	69.7	1.04	1.02	47.4	-0.012	0.09	0.04	293.4	338.7	92.2	46,640
98	55,207	1.6	3.2	34.0	58.3	-0.42	0.4	13.8	12.8	29.8	0.4	70.0	1.05	1.02	47.8	-0.012	0.09	0.04	290.1	335.9	92.6	55,207
99	57,537	1.4	3.3	34.7	59.1	-0.41	0.4	13.3	13.0	30.4	0.5	71.5	1.05	1.03	48.2	-0.011	0.09	0.04	284.2	330.3	92.8	57,537
00	56,331	1.2	3.4	35.5	60.2	-0.39	0.4	12.9	13.5	31.2	0.4	72.7	1.06	1.03	48.8	-0.011	0.10	0.04	277.8	324.2	93.0	56,331
01	153,347	1.0	3.5	35.1	59.6	-0.40	0.4	12.4	13.3	30.9	0.8	73.1	1.05	1.03	48.9	-0.009	0.09	0.04	271.0	316.7	92.8	153,347
02	144,759	0.8	3.5	35.9	60.8	-0.38	0.5	12.1	13.8	31.8	0.8	74.0	1.06	1.03	49.6	-0.008	0.10	0.04	267.5	313.9	93.4	144,759
03	144,871	0.9	3.5	36.9	62.1	-0.36	0.5	11.9	14.2	32.7	0.9	74.8	1.06	1.04	50.4	-0.007	0.11	0.04	264.9	312.0	94.1	144,871
04	145,490	0.9	3.6	37.8	63.4	-0.32	0.5	11.8	14.7	33.6	0.9	75.4	1.06	1.04	51.2	-0.007	0.13	0.04	265.0	313.0	94.6	145,490
05	141,047	0.7	3.6	39.0	65.0	-0.29	0.5	11.8	15.3	34.8	0.8	76.7	1.07	1.05	52.2	-0.006	0.15	0.04	265.6	314.6	95.6	141,047
06	138,495	0.7	3.6	39.9	66.4	-0.26	0.6	11.6	16.0	36.0	0.8	77.6	1.07	1.05	53.2	-0.005	0.16	0.04	264.4	314.4	96.5	138,495
07	134,400	0.8	3.6	41.0	68.0	-0.23	0.6	11.6	16.5	37.1	0.9	78.6	1.07	1.05	54.2	-0.004	0.18	0.05	264.6	315.8	97.7	134,400
08	131,945	0.8	3.5	41.8	69.0	-0.21	0.6	11.7	17.1	38.0	0.9	78.9	1.07	1.06	54.9	-0.003	0.19	0.05	267.2	319.4	98.6	131,945
09	127,122	0.9	3.5	42.7	70.4	-0.18	0.6	11.8	17.7	39.1	1.0	79.5	1.08	1.07	55.8	-0.002	0.20	0.06	270.0	323.4	99.7	127,122
10	130,143	1.0	3.5	43.6	71.6	-0.15	0.7	12.0	18.3	40.1	1.0	80.5	1.08	1.07	56.8	-0.001	0.22	0.06	273.7	328.3	100.6	130,143
11	129,415	1.1	3.4	44.4	72.6	-0.12	0.7	12.3	18.8	41.1	1.1	81.0	1.09	1.08	57.6	0.000	0.23	0.06	279.3	335.1	101.4	129,415
12	129,133	1.3	3.3	45.3	73.9	-0.09	0.7	12.8	19.4	42.1	1.1	81.6	1.10	1.09	58.5	0.001	0.25	0.06	286.9	343.9	102.2	129,133
13	128,874	1.4	3.3	46.1	75.0	-0.07	0.7	13.3	20.1	43.2	1.1	82.3	1.11	1.10	59.3	0.002	0.26	0.07	295.0	353.3	103.0	128,874
14	127,697	1.6	3.2	47.0	76.3	-0.03	0.8	13.8	20.9	44.4	1.2	82.9	1.13	1.12	60.3	0.004	0.28	0.07	304.3	364.0	104.2	127,697
15	132,792	1.7	3.2	48.0	77.9	0.00	0.8	14.2	21.4	45.4	1.3	84.0	1.14	1.13	61.3	0.006	0.30	0.07	311.1	372.4	105.4	132,792
16	132,010	1.8	3.1	49.1	79.4	0.03	0.8	14.8	22.2	46.8	1.4	84.9	1.15	1.15	62.3	0.007	0.32	0.08	320.6	383.7	107.0	132,010
17	133,457	2.0	3.0	50.2	80.9	0.06	0.9	15.3	22.9	48.0	1.4	86.2	1.17	1.17	63.3	0.009	0.33	0.08	328.7	393.3	108.0	133,457
18	131,116	2.2	3.0	51.0	82.2	0.09	0.9	15.7	23.5	49.0	1.5	87.1	1.18	1.18	64.3	0.011	0.35	0.09	336.7	403.1	109.5	131,116
19	125,362	2.5	2.9	52.1	83.9	0.13	0.9	16.2	24.2	50.3	1.7	88.3	1.20	1.20	65.4	0.013	0.37	0.10	346.0	414.2	111.3	125,362
20	110,997	2.7	2.8	53.3	85.8	0.17	1.0	16.6	25	51.7	1.8	89.9	1.21	1.21	66.7	0.015	0.39	0.11	352.4	422.5	112.9	110,997

## Percentile Breakdowns of EPDs

A percentile chart can be used to get a better idea of how an animal ranks in the current group of equivalent animals in the Hereford population in North America, Argentina and Uruguay. The charts are divided into five-percent increments for each trait. The top five percent are further divided into one-percent increments.

Hereford cattle can be grouped into three very broad categories. The first would be active sires in the Pan American Hereford population. These are bulls who have sired at least ten total calves in the last three years. Your herdsire or potential herdsire can be compared to this population of bulls. Very few bulls rank at the top in every trait because of inherent genetic correlations. With careful evaluation you should be able to find bulls to match your specifications. Note, no animal will fall exactly on all even percentile increments. Simply utilize the even percentile level in which the EPD has exceeded.

Since EPDs may be used to compare animals in addition to active sires, additional information is provided. The average EPDs, ranges and a percentile breakdown for yearling and two-year-old cattle born in 2019 and 2020 are also provided. This table is useful for comparing the EPDs of animals that are typically for sale or a potential herd replacement candidate.

The breakdown chart and EPD ranges for the active cows with a calf reported since Jan. 1, 2019 allow one to compare his herd with all active cows in the Hereford population in North America, Argentina and Uruguay.

**American Hereford Association**  
**EPDs as of September 13, 2021**  
**Pan American Hereford Cattle Evaluation**

**Average and Percentile Breakdown - 2019 & 2020 Calves**

	Production				Fertility				Maternal				Carcass			\$ Indexes				
	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	CEM	MCW	UDDR	TEAT	CW	FAT	REA	MARB	BMI	BII	CHB
<b>Average</b>	2.7	2.8	53	85	0.2	1.0	16.5	25	51	1.8	89	1.2	1.2	66	0.015	0.38	0.11	351	421	113
<b>Low</b>	-15.6	-8.3	-16	-30	-1.2	-1.0	-2.7	-12	-18	-20.0	-27	0.5	0.4	-20	-0.106	-0.82	-0.46	75	128	-35
<b>High</b>	24.1	11.9	90	155	1.9	3.3	35.4	56	92	16.4	181	2.0	2.1	127	0.244	1.49	1.19	640	741	249
<b>Percentile Breakdown</b>																				
<b>Upper 1%</b>	14.9	-3.2	73	118	-0.8	1.9	25.7	39	71	9.3	24	1.5	1.6	90	-0.036	0.81	0.53	494	586	165
<b>2%</b>	13.0	-1.4	70	114	-0.5	1.7	24.4	37	69	8.4	46	1.5	1.5	87	-0.026	0.75	0.44	476	566	156
<b>3%</b>	11.8	-0.8	69	112	-0.4	1.6	23.6	36	67	7.8	51	1.5	1.5	85	-0.026	0.71	0.40	464	553	151
<b>4%</b>	10.9	-0.4	68	110	-0.4	1.6	23.0	35	66	7.4	55	1.4	1.5	83	-0.026	0.69	0.36	455	543	147
<b>5%</b>	10.3	-0.2	67	108	-0.3	1.5	22.5	35	65	7.0	58	1.4	1.5	82	-0.026	0.67	0.34	448	535	144
<b>10%</b>	8.3	0.6	64	103	-0.2	1.4	21.1	33	62	5.9	67	1.4	1.4	78	-0.016	0.60	0.26	425	507	135
<b>15%</b>	7.1	1.1	62	100	-0.1	1.3	20.1	31	61	5.1	72	1.3	1.4	76	-0.006	0.55	0.22	409	489	129
<b>20%</b>	6.2	1.5	60	97	-0.1	1.2	19.4	30	59	4.5	76	1.3	1.3	74	-0.006	0.52	0.19	398	475	125
<b>25%</b>	5.5	1.8	59	95	0.0	1.2	18.8	29	58	4.0	79	1.3	1.3	73	-0.006	0.49	0.17	388	464	122
<b>30%</b>	4.8	2.0	58	93	0.0	1.1	18.3	28	57	3.5	82	1.3	1.3	71	0.004	0.47	0.15	379	453	119
<b>35%</b>	4.2	2.3	57	91	0.1	1.1	17.8	27	55	3.1	84	1.3	1.3	70	0.004	0.44	0.13	371	443	117
<b>40%</b>	3.6	2.5	56	89	0.1	1.0	17.3	27	54	2.7	87	1.2	1.2	69	0.004	0.42	0.12	363	434	115
<b>45%</b>	3.0	2.7	55	88	0.1	1.0	16.9	26	53	2.3	89	1.2	1.2	68	0.014	0.40	0.10	356	426	113
<b>50%</b>	2.5	2.9	54	86	0.2	1.0	16.5	25	52	1.9	91	1.2	1.2	67	0.014	0.38	0.09	349	417	111
<b>55%</b>	2.0	3.1	53	85	0.2	0.9	16.0	25	51	1.5	93	1.2	1.2	66	0.014	0.36	0.08	342	409	109
<b>60%</b>	1.4	3.3	52	83	0.2	0.9	15.6	24	50	1.1	95	1.2	1.2	65	0.024	0.34	0.07	335	401	107
<b>65%</b>	0.9	3.5	51	81	0.3	0.8	15.1	23	49	0.6	97	1.2	1.1	63	0.024	0.32	0.05	328	393	105
<b>70%</b>	0.3	3.7	49	79	0.3	0.8	14.6	22	48	0.2	99	1.1	1.1	62	0.024	0.30	0.04	321	385	104
<b>75%</b>	-0.3	4.0	48	77	0.4	0.7	14.1	21	47	-0.3	102	1.1	1.1	61	0.034	0.27	0.03	313	376	102
<b>80%</b>	-1.0	4.3	47	75	0.4	0.7	13.5	20	45	-0.8	105	1.1	1.1	59	0.034	0.24	0.01	304	366	100
<b>85%</b>	-1.8	4.6	45	72	0.5	0.6	12.9	19	43	-1.5	108	1.1	1.1	57	0.034	0.21	0.00	294	355	97
<b>90%</b>	-2.8	5.0	43	69	0.5	0.5	12.0	17	40	-2.3	112	1.0	1.0	55	0.044	0.17	-0.03	282	342	94
<b>95%</b>	-4.4	5.7	38	62	0.7	0.4	10.7	14	35	-3.6	117	1.0	1.0	51	0.054	0.10	-0.06	262	321	89
<b>100%</b>	-15.6	11.9	-16	-30	1.9	-1.0	-2.7	-12	-18	-20.0	181	0.5	0.4	-20	0.244	-0.82	-0.46	75	128	-35

279,389 calves born in 2019 and 2020

**American Hereford Association**  
**EPDs as of September 13, 2021**  
**Pan American Hereford Cattle Evaluation**

**Average and Percentile Breakdown - Active Sires**

	Production				Fertility				Maternal				Carcass				\$ Indexes			
	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	CEM	MCW	UDDR	TEAT	CW	FAT	REA	MARB	BMI	BII	CHB
<b>Average</b>	2.8	2.8	53	86	0.2	1.0	16.3	25	52	1.8	89	1.2	1.2	67	0.016	0.38	0.11	349	419	113
<b>Low</b>	-13.8	-8.1	-13	-33	-1.2	-0.5	-9.7	-10	-8	-20.2	-32	0.5	0.4	9	-0.096	-0.52	-0.47	-28	18	38
<b>High</b>	25.1	10.9	89	145	1.7	3.1	38.8	62	91	18.5	179	2.2	2.2	123	0.154	1.48	1.25	671	762	238
<b>Percentile Breakdown</b>																				
<b>Upper 1%</b>	16.0	-4.2	77	124	-1.0	2.0	28.5	43	74	11.5	14	1.6	1.7	95	-0.056	0.94	0.58	529	619	173
<b>2%</b>	14.5	-2.6	74	119	-0.7	1.9	26.5	40	71	10.3	31	1.6	1.6	92	-0.046	0.86	0.50	507	597	164
<b>3%</b>	13.3	-1.6	72	116	-0.6	1.8	25.4	39	70	9.5	39	1.5	1.6	90	-0.036	0.81	0.45	491	580	159
<b>4%</b>	12.5	-1.1	71	114	-0.5	1.8	24.8	38	69	9.0	43	1.5	1.5	88	-0.036	0.78	0.41	481	568	154
<b>5%</b>	11.7	-0.8	69	112	-0.4	1.7	24.2	37	68	8.5	48	1.5	1.5	87	-0.036	0.75	0.38	472	558	151
<b>10%</b>	9.5	0.2	66	107	-0.3	1.5	22.2	35	65	6.9	58	1.4	1.4	82	-0.026	0.66	0.30	442	526	141
<b>15%</b>	8.2	0.7	64	103	-0.2	1.4	21.1	33	62	5.9	65	1.4	1.4	79	-0.016	0.60	0.25	423	503	134
<b>20%</b>	7.1	1.2	62	99	-0.1	1.3	20.1	31	60	5.2	70	1.3	1.4	77	-0.006	0.56	0.22	407	485	129
<b>25%</b>	6.2	1.5	60	97	-0.1	1.3	19.3	30	59	4.4	75	1.3	1.3	75	-0.006	0.53	0.19	395	471	125
<b>30%</b>	5.4	1.8	59	95	0.0	1.2	18.6	29	58	3.9	79	1.3	1.3	73	-0.006	0.49	0.17	384	459	122
<b>35%</b>	4.6	2.1	58	93	0.1	1.1	18.0	28	56	3.3	82	1.3	1.3	72	0.004	0.46	0.15	374	447	119
<b>40%</b>	3.8	2.4	56	91	0.1	1.1	17.4	27	55	2.8	86	1.2	1.3	70	0.004	0.44	0.13	364	436	116
<b>45%</b>	3.2	2.6	55	89	0.1	1.0	16.9	26	54	2.3	88	1.2	1.2	69	0.014	0.41	0.11	356	425	113
<b>50%</b>	2.5	2.9	54	87	0.2	1.0	16.3	25	52	1.8	91	1.2	1.2	67	0.014	0.38	0.09	347	415	111
<b>55%</b>	1.9	3.1	53	85	0.2	0.9	15.7	24	51	1.3	94	1.2	1.2	66	0.014	0.36	0.08	337	406	108
<b>60%</b>	1.3	3.4	52	83	0.3	0.8	15.2	23	50	0.8	96	1.2	1.2	64	0.024	0.33	0.06	329	396	106
<b>65%</b>	0.6	3.6	50	81	0.3	0.8	14.6	22	49	0.2	100	1.1	1.1	63	0.024	0.30	0.04	321	385	104
<b>70%</b>	-0.1	3.9	49	79	0.4	0.7	14.0	21	47	-0.4	102	1.1	1.1	61	0.034	0.27	0.03	311	375	101
<b>75%</b>	-0.8	4.1	47	76	0.4	0.7	13.3	20	46	-1.0	105	1.1	1.1	59	0.034	0.24	0.01	300	363	99
<b>80%</b>	-1.6	4.5	46	74	0.5	0.6	12.5	19	44	-1.6	109	1.1	1.1	58	0.044	0.20	-0.01	289	350	96
<b>85%</b>	-2.5	4.8	44	70	0.5	0.5	11.6	17	42	-2.4	114	1.0	1.0	55	0.044	0.16	-0.04	276	336	93
<b>90%</b>	-3.8	5.3	41	66	0.6	0.4	10.6	15	39	-3.5	119	1.0	1.0	52	0.054	0.10	-0.07	259	318	88
<b>95%</b>	-5.6	6.2	36	58	0.8	0.3	8.6	12	33	-5.0	128	1.0	0.9	46	0.074	0.02	-0.11	234	291	81
<b>100%</b>	-13.8	10.9	-13	-33	1.7	-0.5	-9.7	-10	-8	-20.2	179	0.5	0.4	9	0.154	-0.52	-0.47	-28	18	38

8,594 sires produced at least 10 calves since January 1, 2019

American Hereford Association  
 EPDs as of September 13, 2021  
 Pan American Hereford Cattle Evaluation

Average and Percentile Breakdown - Active Dams																				
	Production				Fertility				Maternal				Carcass			\$ Indexes				
	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	CEM	MCW	UDDR	TEAT	CW	FAT	REA	MARB	BMI	BII	CHB
<b>Average</b>	1.9	3.1	49	80	0.0	0.8	15.3	23	47	1.4	85	1.2	1.2	63	0.008	0.32	0.08	328	392	107
<b>Low</b>	-15.6	-8.3	-11	-23	-1.5	-1.1	-5.6	-22	-18	-25.4	-32	-0.1	-0.1	0	-0.126	-0.80	-0.44	27	82	2
<b>High</b>	23.1	12.3	93	163	1.5	2.7	36.0	52	89	18.1	208	2.0	2.2	119	0.184	1.39	1.21	662	750	234
Percentile Breakdown																				
<b>Upper 1%</b>	15.0	-3.9	70	113	-1.0	1.7	25.8	39	69	9.9	12	1.5	1.6	87	-0.046	0.77	0.46	491	576	155
<b>2%</b>	12.9	-1.4	67	109	-0.7	1.6	24.3	37	66	8.8	34	1.5	1.5	83	-0.036	0.71	0.39	468	552	147
<b>3%</b>	11.6	-0.7	66	107	-0.6	1.5	23.2	36	65	8.1	43	1.5	1.5	81	-0.036	0.67	0.34	454	536	142
<b>4%</b>	10.6	-0.3	65	105	-0.5	1.5	22.5	35	64	7.7	46	1.4	1.5	80	-0.036	0.64	0.32	443	523	139
<b>5%</b>	10.0	0.0	64	103	-0.5	1.4	22.0	34	63	7.3	48	1.4	1.5	79	-0.036	0.62	0.29	434	513	136
<b>10%</b>	7.8	0.8	61	98	-0.3	1.3	20.3	31	59	5.9	59	1.4	1.4	75	-0.026	0.55	0.23	407	482	127
<b>15%</b>	6.5	1.4	59	95	-0.3	1.2	19.3	30	57	5.0	66	1.3	1.3	73	-0.016	0.50	0.19	390	462	122
<b>20%</b>	5.5	1.7	57	92	-0.2	1.1	18.5	28	56	4.4	70	1.3	1.3	71	-0.016	0.47	0.16	377	447	118
<b>25%</b>	4.7	2.0	56	90	-0.2	1.1	17.8	27	54	3.8	74	1.3	1.3	69	-0.006	0.44	0.14	365	434	116
<b>30%</b>	4.0	2.3	54	88	-0.1	1.0	17.3	26	53	3.3	77	1.2	1.2	68	-0.006	0.41	0.12	356	422	113
<b>35%</b>	3.4	2.6	53	86	-0.1	1.0	16.7	25	52	2.8	79	1.2	1.2	67	-0.006	0.39	0.11	347	412	111
<b>40%</b>	2.8	2.8	52	84	0.0	0.9	16.2	24	50	2.3	82	1.2	1.2	65	0.004	0.36	0.09	340	403	109
<b>45%</b>	2.2	3.0	51	82	0.0	0.9	15.7	24	49	1.9	84	1.2	1.2	64	0.004	0.34	0.08	333	395	107
<b>50%</b>	1.6	3.2	50	81	0.1	0.8	15.2	23	48	1.5	87	1.2	1.1	63	0.004	0.32	0.07	326	388	105
<b>55%</b>	1.1	3.4	49	79	0.1	0.8	14.7	22	47	1.0	89	1.1	1.1	62	0.004	0.30	0.06	318	380	104
<b>60%</b>	0.5	3.6	48	77	0.1	0.7	14.2	21	46	0.6	91	1.1	1.1	61	0.014	0.28	0.05	312	372	102
<b>65%</b>	-0.1	3.8	47	75	0.2	0.7	13.7	20	44	0.1	94	1.1	1.1	59	0.014	0.25	0.03	304	364	100
<b>70%</b>	-0.6	4.1	46	74	0.2	0.6	13.2	19	43	-0.4	96	1.1	1.1	58	0.014	0.23	0.02	296	355	99
<b>75%</b>	-1.3	4.3	44	71	0.3	0.6	12.6	18	42	-0.9	99	1.1	1.0	57	0.024	0.20	0.01	288	346	97
<b>80%</b>	-2.0	4.6	43	69	0.3	0.5	12	17	40	-1.5	102	1.0	1.0	55	0.024	0.18	-0.01	278	336	95
<b>85%</b>	-2.8	4.9	41	66	0.4	0.5	11.2	16	38	-2.2	106	1.0	1.0	53	0.034	0.15	-0.03	267	324	93
<b>90%</b>	-3.9	5.4	38	62	0.4	0.4	10.3	14	35	-3.2	111	1.0	1.0	50	0.044	0.10	-0.05	254	310	90
<b>95%</b>	-5.4	6.0	34	56	0.6	0.3	8.8	11	30	-4.8	118	0.9	0.9	47	0.054	0.03	-0.08	232	287	84
<b>100%</b>	-15.6	12.3	-11	-23	1.5	-1.1	-5.6	-22	-18	-25.4	208	-0.1	-0.1	-1	0.184	-0.80	-0.44	27	82	2

160,811 cows calving since January 1, 2019