

# Pan American Hereford Cattle Evaluation

## Genetic Trend

EPDs as of December 4, 2022

### 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 - 2020 & 2021 Calves



**EPDs as of December 4, 2022**  
**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
90	27,590	1.3	2.7	28.2	51.1	-0.48	0.3	16.1	10.8	25.0	0.2	71.7	1.05	1.02	45.0	-0.014	0.07	0.05	321.7	364.0	90.6	27,590
91	29,766	1.2	2.8	28.7	51.6	-0.48	0.3	15.9	11.1	25.5	0.3	72.4	1.05	1.02	45.1	-0.014	0.07	0.05	319.4	362.0	90.6	29,766
92	31,079	1.0	2.9	29.5	52.8	-0.47	0.3	15.7	11.3	26.1	0.3	73.5	1.05	1.02	45.3	-0.013	0.07	0.05	315.8	358.9	90.3	31,079
93	33,044	1.3	2.9	30.3	53.6	-0.46	0.3	15.5	11.4	26.6	0.5	73.5	1.05	1.02	45.4	-0.013	0.07	0.05	313.7	357.4	90.4	33,044
94	35,733	1.1	3.0	31.0	54.6	-0.46	0.3	15.2	11.7	27.2	0.4	74.0	1.05	1.02	45.7	-0.013	0.07	0.04	309.3	353.3	90.4	35,733
95	39,981	1.2	3.1	31.8	55.6	-0.45	0.3	14.9	12.0	27.9	0.5	74.4	1.05	1.02	46.0	-0.012	0.07	0.04	305.8	350.3	90.7	39,981
96	45,248	1.2	3.1	32.8	56.8	-0.44	0.3	14.7	12.5	28.9	0.6	74.5	1.05	1.03	46.3	-0.013	0.08	0.05	303.2	348.6	91.0	45,248
97	46,673	1.1	3.2	33.2	57.4	-0.44	0.4	14.4	12.7	29.3	0.6	74.6	1.05	1.03	46.6	-0.012	0.08	0.04	299.3	344.8	91.2	46,673
98	55,215	1.1	3.2	33.9	58.2	-0.43	0.4	14.1	12.9	29.9	0.6	74.8	1.06	1.04	47.1	-0.012	0.09	0.04	295.4	341.4	91.8	55,215
99	57,550	0.9	3.3	34.6	59.0	-0.41	0.4	13.8	13.2	30.5	0.6	75.7	1.06	1.04	47.4	-0.012	0.09	0.04	290.5	336.8	91.9	57,550
00	56,395	0.7	3.4	35.5	60.2	-0.40	0.4	13.1	13.6	31.3	0.5	76.3	1.07	1.04	48.0	-0.011	0.09	0.04	281.7	328.4	92.1	56,395
01	153,375	0.8	3.5	35.0	59.6	-0.41	0.4	12.8	13.4	31.0	0.9	77.2	1.06	1.03	48.2	-0.010	0.09	0.04	276.7	322.5	91.9	153,375
02	144,815	0.6	3.5	35.9	60.7	-0.39	0.5	12.5	13.9	31.9	0.9	77.6	1.07	1.04	48.9	-0.009	0.10	0.04	272.8	319.3	92.5	144,815
03	144,900	0.7	3.5	36.9	62.1	-0.36	0.5	12.2	14.4	32.8	1.0	78.1	1.07	1.04	49.8	-0.009	0.11	0.04	269.8	316.9	93.2	144,900
04	145,556	0.7	3.5	37.8	63.4	-0.33	0.5	12.1	14.8	33.7	1.0	78.3	1.07	1.05	50.6	-0.008	0.13	0.04	268.9	316.9	93.8	145,556
05	141,081	0.5	3.6	38.9	65.0	-0.30	0.5	12.1	15.4	34.9	0.9	78.8	1.08	1.05	51.6	-0.008	0.15	0.04	269.6	318.5	94.7	141,081
06	138,544	0.5	3.6	39.9	66.3	-0.27	0.6	11.9	16.1	36.1	0.9	79.3	1.08	1.05	52.6	-0.006	0.16	0.04	268.0	317.8	95.8	138,544
07	134,466	0.6	3.6	41.0	67.9	-0.24	0.6	11.8	16.6	37.2	1.0	79.6	1.08	1.06	53.7	-0.005	0.18	0.04	267.7	318.8	97.0	134,466
08	132,026	0.6	3.5	41.7	69.0	-0.22	0.6	11.9	17.1	38.0	1.0	79.8	1.09	1.06	54.5	-0.004	0.19	0.05	269.4	321.5	97.9	132,026
09	127,204	0.8	3.5	42.7	70.3	-0.19	0.6	11.9	17.8	39.2	1.1	79.8	1.09	1.07	55.4	-0.003	0.21	0.05	271.4	324.6	99.1	127,204
10	130,284	0.8	3.4	43.6	71.5	-0.16	0.7	11.8	18.3	40.2	1.1	81.1	1.09	1.08	56.4	-0.002	0.22	0.05	271.0	325.1	100.0	130,284
11	129,571	1.0	3.4	44.4	72.6	-0.13	0.7	12.1	18.9	41.1	1.2	81.8	1.10	1.09	57.3	-0.001	0.24	0.06	275.7	331.0	100.9	129,571
12	129,334	1.2	3.3	45.3	73.9	-0.10	0.7	12.4	19.4	42.1	1.2	82.4	1.11	1.10	58.2	0.000	0.25	0.06	281.1	337.5	101.8	129,334
13	129,159	1.3	3.3	46.1	75.0	-0.07	0.7	12.8	20.1	43.2	1.2	82.6	1.12	1.11	59.0	0.001	0.27	0.06	288.2	345.8	102.7	129,159
14	128,892	1.5	3.2	47.0	76.2	-0.05	0.8	13.2	20.9	44.4	1.3	83.0	1.13	1.12	60.0	0.002	0.29	0.07	295.0	354.0	103.9	128,892
15	135,032	1.6	3.1	47.9	77.7	-0.02	0.8	13.5	21.5	45.4	1.3	83.5	1.14	1.13	61.0	0.004	0.30	0.07	301.1	361.4	105.0	135,032
16	132,622	1.8	3.1	49.0	79.3	0.02	0.8	14.1	22.3	46.8	1.4	84.2	1.16	1.15	62.3	0.006	0.32	0.08	310.5	372.7	106.9	132,622
17	134,040	2.0	3.0	50.1	80.8	0.05	0.9	14.5	23.0	48.1	1.4	85.0	1.17	1.17	63.3	0.008	0.34	0.08	317.5	381.2	107.8	134,040
18	132,091	2.2	2.9	50.9	82.1	0.08	0.9	14.9	23.6	49.1	1.5	85.5	1.19	1.18	64.3	0.010	0.35	0.09	324.2	389.6	109.6	132,091
19	127,612	2.5	2.9	52.0	83.6	0.11	0.9	15.3	24.4	50.4	1.6	86.2	1.20	1.20	65.5	0.012	0.37	0.10	331.7	398.9	111.5	127,612
20	121,058	2.6	2.8	53.2	85.5	0.15	1.0	15.5	25.2	51.9	1.7	87.2	1.21	1.22	66.9	0.015	0.39	0.10	337.1	406.0	113.2	121,058
21	111,704	2.8	2.8	54.4	87.5	0.20	1.0	15.8	25.9	53.1	1.8	88.2	1.22	1.23	68.3	0.017	0.41	0.11	342.6	413.5	115.3	111,704

## **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 2020 and 2021 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, 2020 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 December 4, 2022**  
**Pan American Hereford Cattle Evaluation**

**Average and Percentile Breakdown - 2020 & 2021 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>	2.8	2.8	54	87	0.2	1.0	15.8	26	53	1.9	88	1.2	1.2	68	0.017	0.41	0.11	343	413	115
<b>Low</b>	-17.0	-9.1	-17	-31	-1.3	-0.9	-2.2	-10	-17	-21.1	-38	0.4	0.3	-5	-0.113	-0.88	-0.46	77	118	9
<b>High</b>	22.8	11.7	93	158	2.4	3.3	33.2	55	93	18.8	186	2.1	2.1	128	0.237	1.41	1.20	612	735	231
<b>Percentile Breakdown</b>																				
<b>Upper 1%</b>	15.1	-3.6	75	121	-0.9	1.9	24.0	40	73	9.4	33	1.5	1.6	93	-0.033	0.86	0.55	474	568	171
<b>2%</b>	13.0	-1.5	72	117	-0.5	1.8	22.9	39	71	8.5	46	1.5	1.5	90	-0.033	0.79	0.47	457	549	162
<b>3%</b>	11.9	-0.9	71	114	-0.4	1.7	22.2	38	70	7.9	51	1.5	1.5	88	-0.023	0.76	0.42	447	536	157
<b>4%</b>	11.1	-0.5	69	112	-0.3	1.6	21.7	37	68	7.5	55	1.5	1.5	86	-0.023	0.73	0.39	439	527	153
<b>5%</b>	10.5	-0.2	69	111	-0.3	1.6	21.3	36	67	7.1	58	1.4	1.5	85	-0.023	0.71	0.37	432	520	150
<b>10%</b>	8.5	0.6	66	106	-0.2	1.5	19.9	34	64	5.9	66	1.4	1.4	81	-0.013	0.64	0.29	410	494	140
<b>15%</b>	7.3	1.0	63	102	-0.1	1.4	19.0	32	62	5.2	71	1.4	1.4	78	-0.003	0.59	0.24	396	477	134
<b>20%</b>	6.4	1.4	62	99	0.0	1.3	18.4	31	61	4.5	74	1.3	1.4	76	-0.003	0.56	0.21	385	464	129
<b>25%</b>	5.6	1.7	60	97	0.0	1.2	17.8	30	60	4.0	77	1.3	1.3	75	-0.003	0.53	0.18	376	453	125
<b>30%</b>	5.0	2.0	59	95	0.1	1.2	17.4	29	58	3.6	80	1.3	1.3	73	0.007	0.50	0.16	368	443	122
<b>35%</b>	4.4	2.2	58	93	0.1	1.1	16.9	29	57	3.1	82	1.3	1.3	72	0.007	0.48	0.14	361	435	120
<b>40%</b>	3.8	2.4	57	91	0.1	1.1	16.5	28	56	2.7	84	1.3	1.3	71	0.007	0.45	0.13	354	426	117
<b>45%</b>	3.2	2.6	56	90	0.2	1.0	16.1	27	55	2.3	87	1.2	1.2	70	0.007	0.43	0.11	347	418	115
<b>50%</b>	2.7	2.8	55	88	0.2	1.0	15.7	26	54	1.9	89	1.2	1.2	68	0.017	0.41	0.10	341	411	113
<b>55%</b>	2.2	3.0	54	86	0.2	1.0	15.3	26	53	1.6	91	1.2	1.2	67	0.017	0.39	0.08	335	403	111
<b>60%</b>	1.6	3.2	53	85	0.3	0.9	14.9	25	52	1.2	93	1.2	1.2	66	0.017	0.37	0.07	328	396	109
<b>65%</b>	1.1	3.5	52	83	0.3	0.9	14.5	24	51	0.7	95	1.2	1.2	65	0.027	0.35	0.06	322	388	107
<b>70%</b>	0.5	3.7	51	81	0.4	0.8	14.1	23	49	0.3	97	1.2	1.1	64	0.027	0.33	0.04	315	380	105
<b>75%</b>	-0.1	3.9	49	79	0.4	0.8	13.6	22	48	-0.2	100	1.1	1.1	62	0.037	0.30	0.03	307	371	103
<b>80%</b>	-0.9	4.2	48	77	0.4	0.7	13.1	21	47	-0.7	103	1.1	1.1	61	0.037	0.27	0.01	299	362	100
<b>85%</b>	-1.7	4.6	46	74	0.5	0.6	12.5	20	45	-1.4	106	1.1	1.1	59	0.037	0.23	-0.02	290	351	98
<b>90%</b>	-2.8	5.0	44	70	0.6	0.6	11.7	18	42	-2.2	110	1.1	1.0	56	0.047	0.19	-0.04	278	337	95
<b>95%</b>	-4.5	5.7	40	64	0.7	0.4	10.5	15	37	-3.6	117	1.0	1.0	52	0.057	0.11	-0.07	259	316	89
<b>100%</b>	-17.0	11.7	-17	-31	2.4	-0.9	-2.2	-10	-17	-21.1	186	0.4	0.3	-5	0.237	-0.88	-0.46	77	118	9

297,970 calves born in 2020 and 2021

**American Hereford Association**  
**EPDs as of December 4, 2022**  
**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>	3.0	2.7	54	87	0.2	1.0	15.8	26	53	1.8	87	1.2	1.2	68	0.017	0.40	0.11	342	412	115
<b>Low</b>	-15.5	-8.3	-13	-29	-1.2	-0.8	-2.1	-9	-10	-20.3	-14	0.0	0.3	2	-0.093	-0.62	-0.54	94	133	32
<b>High</b>	24.2	11.2	90	145	2.5	2.9	36.1	64	92	18.5	176	2.2	2.3	126	0.157	1.54	1.25	633	723	240
<b>Percentile Breakdown</b>																				
<b>Upper 1%</b>	16.3	-4.5	77	126	-0.9	2.1	26.5	44	76	11.6	23	1.6	1.7	98	-0.053	0.95	0.63	505	598	181
<b>2%</b>	14.6	-2.5	75	121	-0.8	2.0	25.0	42	73	10.3	32	1.6	1.6	94	-0.043	0.89	0.54	487	578	171
<b>3%</b>	13.5	-1.6	73	118	-0.6	1.9	24.2	40	72	9.6	38	1.5	1.6	92	-0.043	0.84	0.48	474	564	165
<b>4%</b>	12.5	-1.1	72	115	-0.5	1.8	23.5	39	71	9.0	42	1.5	1.6	91	-0.033	0.81	0.44	462	551	161
<b>5%</b>	11.9	-0.8	71	114	-0.4	1.8	22.9	38	70	8.5	45	1.5	1.5	89	-0.033	0.78	0.41	453	540	158
<b>10%</b>	9.7	0.2	67	108	-0.2	1.6	21.1	36	66	7.0	56	1.4	1.5	84	-0.023	0.69	0.32	427	510	146
<b>15%</b>	8.3	0.7	65	104	-0.2	1.5	20.0	34	64	6.0	63	1.4	1.4	81	-0.013	0.63	0.27	410	491	139
<b>20%</b>	7.3	1.2	63	101	-0.1	1.4	19.2	32	62	5.3	68	1.4	1.4	79	-0.013	0.60	0.23	396	476	133
<b>25%</b>	6.5	1.5	61	98	0.0	1.3	18.4	31	60	4.5	72	1.3	1.3	77	-0.003	0.56	0.20	384	461	129
<b>30%</b>	5.7	1.8	60	96	0.0	1.2	17.8	30	59	3.9	76	1.3	1.3	75	-0.003	0.52	0.18	374	449	125
<b>35%</b>	4.9	2.1	58	94	0.1	1.2	17.2	29	58	3.4	79	1.3	1.3	73	0.007	0.49	0.16	365	439	122
<b>40%</b>	4.2	2.3	57	92	0.1	1.1	16.7	28	56	2.9	82	1.3	1.3	72	0.007	0.46	0.14	357	428	119
<b>45%</b>	3.5	2.6	56	90	0.2	1.0	16.2	27	55	2.4	85	1.2	1.3	70	0.007	0.43	0.12	348	419	116
<b>50%</b>	2.9	2.8	55	88	0.2	1.0	15.7	26	54	1.9	88	1.2	1.2	69	0.017	0.41	0.10	341	410	113
<b>55%</b>	2.3	3.0	54	86	0.2	0.9	15.2	25	53	1.4	91	1.2	1.2	67	0.017	0.38	0.08	333	401	110
<b>60%</b>	1.6	3.3	53	84	0.3	0.9	14.7	24	51	0.8	94	1.2	1.2	66	0.027	0.35	0.06	324	391	107
<b>65%</b>	0.9	3.5	51	82	0.3	0.8	14.1	23	50	0.3	97	1.2	1.2	64	0.027	0.32	0.04	316	382	105
<b>70%</b>	0.2	3.8	50	80	0.4	0.8	13.6	22	48	-0.2	100	1.1	1.1	62	0.037	0.29	0.03	307	373	102
<b>75%</b>	-0.5	4.1	48	77	0.4	0.7	13.0	21	47	-0.8	104	1.1	1.1	60	0.037	0.26	0.01	298	361	99
<b>80%</b>	-1.4	4.4	47	75	0.5	0.6	12.3	19	45	-1.5	107	1.1	1.1	58	0.047	0.22	-0.03	287	349	96
<b>85%</b>	-2.4	4.7	45	72	0.6	0.5	11.6	18	43	-2.3	112	1.1	1.0	56	0.047	0.17	-0.05	275	335	92
<b>90%</b>	-3.6	5.3	42	67	0.7	0.4	10.6	16	40	-3.4	118	1.0	1.0	52	0.057	0.11	-0.09	260	318	87
<b>95%</b>	-5.5	6.1	37	59	0.8	0.3	8.9	12	34	-4.9	126	1.0	0.9	46	0.077	0.01	-0.14	235	291	79
<b>100%</b>	-15.5	11.2	-13	-29	2.6	-0.8	-2.1	-9	-10	-20.3	176	0.0	0.3	3	0.157	-0.62	-0.54	94	133	33

8,558 sires produced at least 10 calves since January 1, 2020

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**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>	2.0	3.0	50	81	0.1	0.9	14.8	23	48	1.4	85	1.2	1.2	64	0.008	0.34	0.08	322	386	108
<b>Low</b>	-17.3	-9.1	-13	-28	-1.6	-0.8	-3.9	-13	-20	-25.7	-24	-0.2	-0.1	-8	-0.103	-0.80	-0.48	54	92	15
<b>High</b>	22.4	12.3	91	160	1.6	2.9	33.7	58	92	19.5	199	2.1	2.2	116	0.177	1.41	1.21	666	775	244
<b>Percentile Breakdown</b>																				
<b>Upper 1%</b>	15.6	-4.5	71	115	-1.0	1.8	24.6	40	71	10.1	23	1.6	1.6	89	-0.043	0.81	0.48	476	561	160
<b>2%</b>	13.2	-1.6	68	111	-0.7	1.7	23.1	38	68	9.0	35	1.5	1.6	85	-0.043	0.74	0.41	453	537	152
<b>3%</b>	11.7	-0.8	67	108	-0.5	1.6	22.2	37	67	8.3	43	1.5	1.5	83	-0.033	0.71	0.37	439	522	147
<b>4%</b>	10.8	-0.4	66	106	-0.5	1.5	21.5	36	65	7.8	47	1.5	1.5	82	-0.033	0.68	0.34	429	510	143
<b>5%</b>	10.1	-0.1	65	105	-0.4	1.5	21.0	35	64	7.4	50	1.4	1.5	81	-0.033	0.66	0.31	421	501	140
<b>10%</b>	8.0	0.7	62	99	-0.3	1.3	19.4	32	61	6.0	60	1.4	1.4	77	-0.023	0.58	0.24	395	470	131
<b>15%</b>	6.7	1.3	60	96	-0.2	1.2	18.4	31	59	5.1	66	1.3	1.4	74	-0.013	0.53	0.20	379	452	125
<b>20%</b>	5.7	1.6	58	93	-0.2	1.2	17.7	29	57	4.4	70	1.3	1.3	72	-0.013	0.50	0.17	367	438	121
<b>25%</b>	4.9	2.0	57	91	-0.1	1.1	17.0	28	55	3.9	73	1.3	1.3	71	-0.013	0.46	0.15	357	426	118
<b>30%</b>	4.2	2.2	55	89	-0.1	1.0	16.5	27	54	3.3	76	1.2	1.3	69	-0.003	0.44	0.13	348	415	115
<b>35%</b>	3.5	2.5	54	87	0.0	1.0	16.0	26	53	2.9	79	1.2	1.2	68	-0.003	0.41	0.11	340	406	113
<b>40%</b>	2.9	2.7	53	85	0.0	0.9	15.6	25	52	2.4	81	1.2	1.2	66	-0.003	0.39	0.10	333	398	111
<b>45%</b>	2.4	2.9	52	84	0.0	0.9	15.1	24	50	2.0	84	1.2	1.2	65	0.007	0.37	0.08	326	389	109
<b>50%</b>	1.8	3.1	51	82	0.1	0.8	14.7	24	49	1.5	86	1.2	1.2	64	0.007	0.34	0.07	319	382	107
<b>55%</b>	1.2	3.3	50	80	0.1	0.8	14.2	23	48	1.1	88	1.2	1.1	63	0.007	0.32	0.06	312	374	105
<b>60%</b>	0.7	3.5	49	78	0.1	0.8	13.8	22	47	0.7	90	1.1	1.1	62	0.007	0.30	0.05	306	367	103
<b>65%</b>	0.1	3.8	48	77	0.2	0.7	13.3	21	46	0.2	93	1.1	1.1	60	0.017	0.27	0.03	299	359	101
<b>70%</b>	-0.5	4.0	46	75	0.2	0.7	12.8	20	44	-0.3	95	1.1	1.1	59	0.017	0.25	0.02	292	351	99
<b>75%</b>	-1.2	4.2	45	73	0.3	0.6	12.3	19	43	-0.8	98	1.1	1.1	57	0.027	0.22	-0.01	284	342	97
<b>80%</b>	-1.9	4.5	44	70	0.3	0.6	11.7	18	41	-1.4	101	1.1	1.0	56	0.027	0.19	-0.02	275	332	95
<b>85%</b>	-2.8	4.9	42	67	0.4	0.5	11.0	16	39	-2.1	105	1.0	1.0	54	0.037	0.16	-0.04	265	321	92
<b>90%</b>	-4.0	5.3	39	64	0.5	0.4	10.1	14	36	-3.2	110	1.0	1.0	51	0.037	0.12	-0.07	252	307	89
<b>95%</b>	-5.7	6.0	35	57	0.6	0.3	8.8	11	31	-4.8	118	0.9	0.9	47	0.057	0.04	-0.10	231	285	83
<b>100%</b>	-17.3	12.3	-13	-28	1.6	-0.8	-3.9	-13	-20	-25.7	199	-0.2	-0.1	-8	0.177	-0.80	-0.48	54	92	15

154,805 cows calving since January 1, 2020