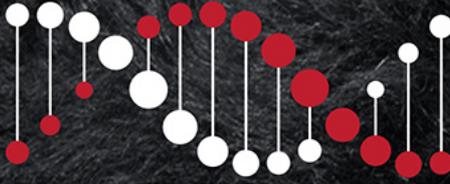


TACE 

TransTasman Angus Cattle Evaluation

GENETIC BENCHMARKING REPORT

Angus Australia

MID MARCH 2026

<u>Report</u>	<u>Page</u>
Genetic Progress - Summary	1
Genetic Progress - Relative Change in each Trait	2
Genetic Progress - By Trait	3
Use of Reproductive Technologies	12
Generation Length - Sire and Dam Age	13
Genetic Diversity - Inbreeding	14
Genetic Conditions - Carrier Frequency By Register	15
Appendix 2 - Breed Genetic Trends	16

Genetic Progress Summary

2019 to 2024

Date: March 10, 2026

Page: 1

This report assesses the change in the average EBVs of Angus seedstock animals across the nominated five year period.

Trait	Units	Breed	
		Change	Av. Change / Yr
Calving Ease Direct	%	+1.2	+0.2
Calving Ease Daughters	%	+1.2	+0.2
Gestation Length	days	-0.9	-0.2
Birth Weight	kg	-0.4	-0.1
200 Day Growth	kg	+4.7	+0.9
400 Day Weight	kg	+9.0	+1.8
600 Day Weight	kg	+10.5	+2.1
Mature Cow Weight	kg	+6.6	+1.3
Mature Body Condition	score	+0.0	+0.0
Mature Cow Height	cm	-0.3	-0.1
Milk	kg	+1.3	+0.3
Scrotal Size	cm	+0.4	+0.1
Days to Calving	days	-0.4	-0.1
Carcase Weight	kg	+6.6	+1.3
Carcase EMA	cm.sq	+1.2	+0.2
Carcase Rib Fat	mm	+0.2	+0.0
Carcase Rump Fat	mm	+0.1	+0.0
Retail Beef Yield	%	-0.1	+0.0
Carcase IMF	%	+0.6	+0.1
Docility	%	+2.6	+0.5
NFI-F	%	+0.1	+0.0
Claw Set	score	+0.0	+0.0
Foot Angle	score	-0.1	+0.0
Leg Angle	score	+0.0	+0.0
Angus Breeding (\$A)	\$	+28.2	+5.6
Domestic (\$D)	\$	+22.9	+4.6
Heavy Grain (\$GN)	\$	+39.4	+7.9
Heavy Grass(\$GS)	\$	+28.9	+5.8
Angus Breeding Low Feed Cost (\$A-L)	\$	+42.9	+8.6
Domestic Low Feed Cost (\$D-L)	\$	+36.6	+7.3
Heavy Grain Low Feed Cost (\$GN-L)	\$	+54.9	+11.0
Heavy Grass Low Feed Cost (\$GS-L)	\$	+49.4	+9.9
AngusPRO (\$PRO)	\$	+29.3	+5.9
Angus Terminal Sire (\$T)	\$	+22.9	+4.6

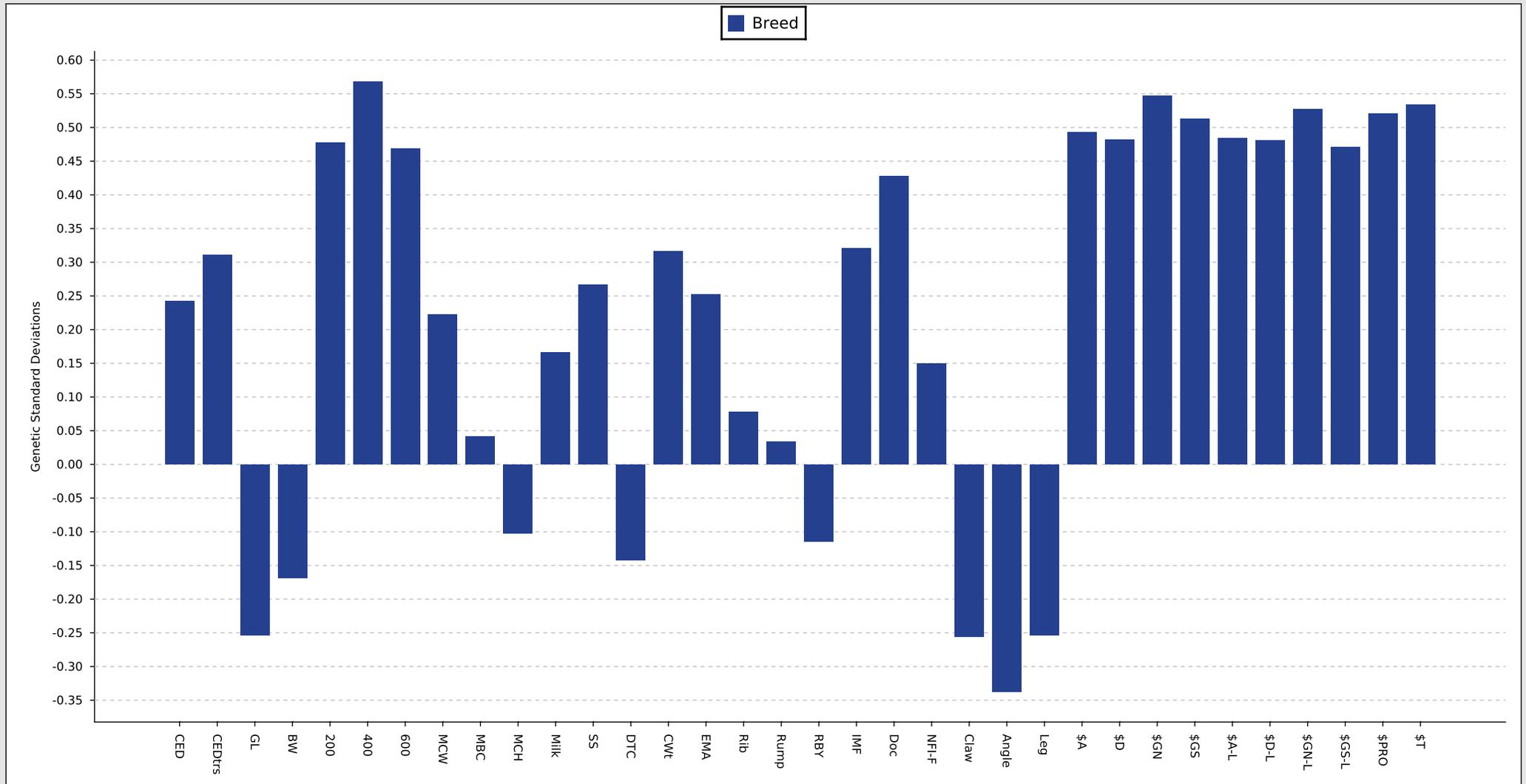
Genetic Progress Summary

Date: March 10, 2026

Relative Change in Each Trait - 2019 to 2024

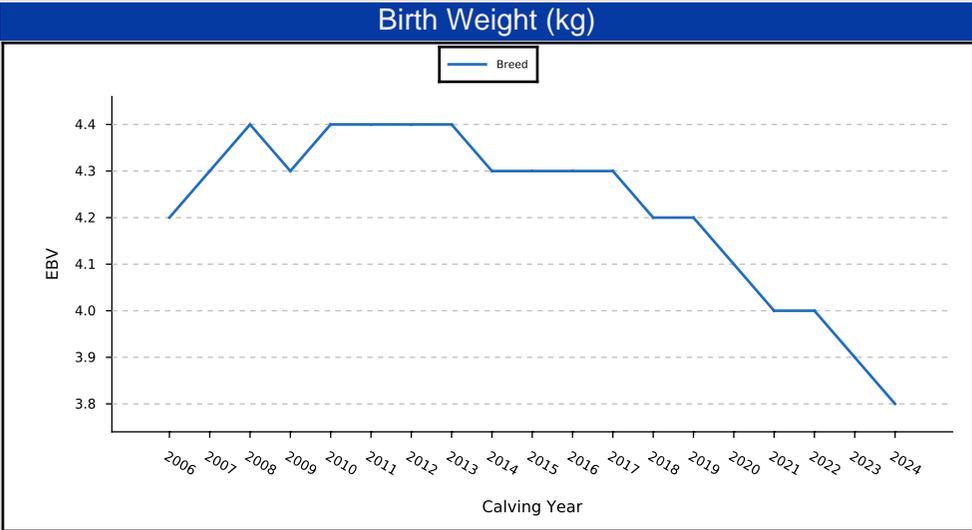
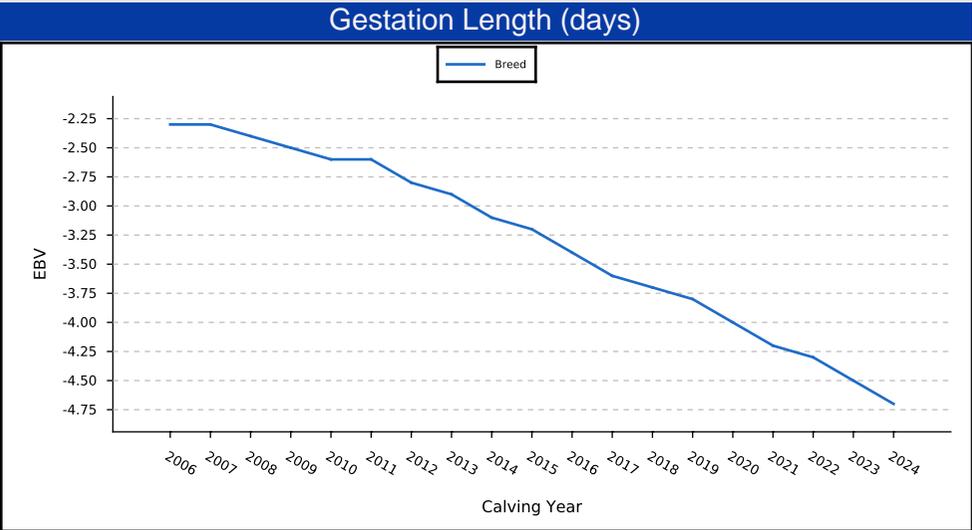
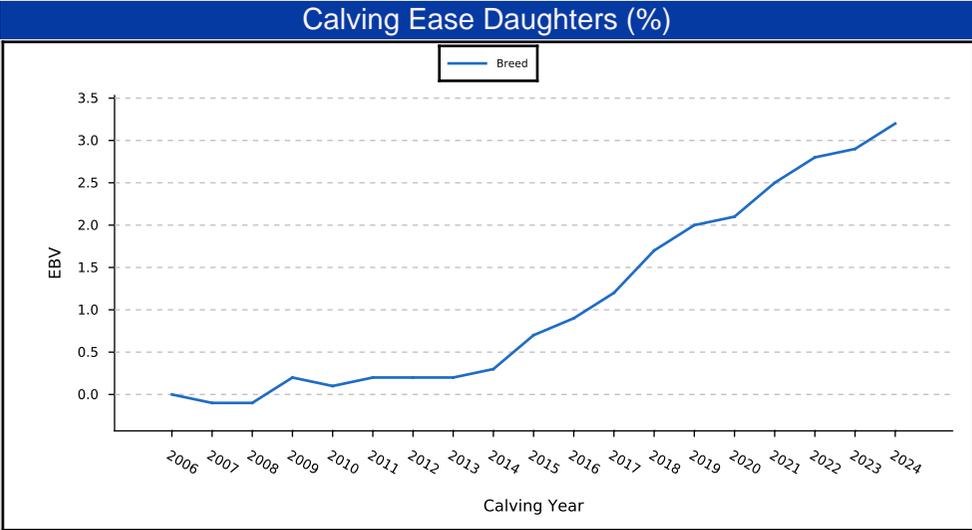
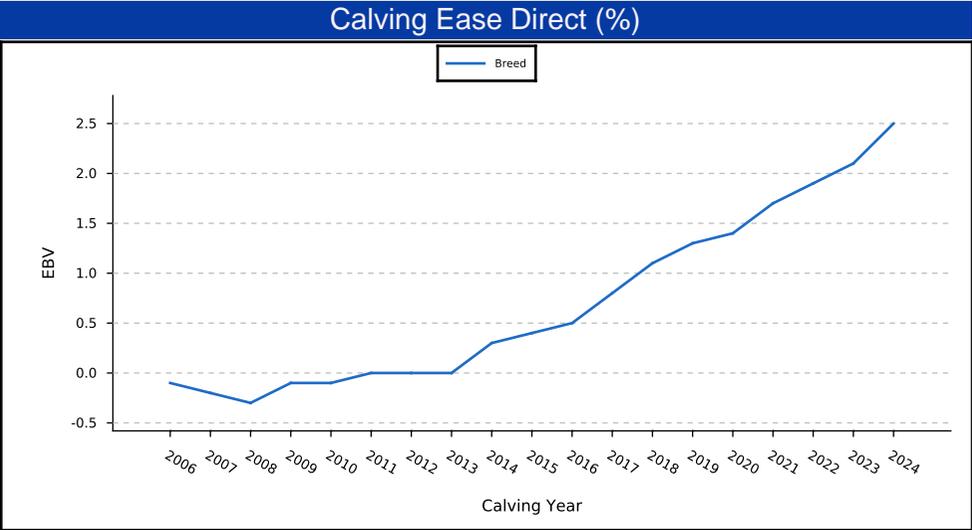
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This report assesses the change in the average EBVs of Angus seedstock animals across the nominated five year period in standard deviation units (rather than the units of measurement), enabling comparison of the relative change that has occurred in individual traits.



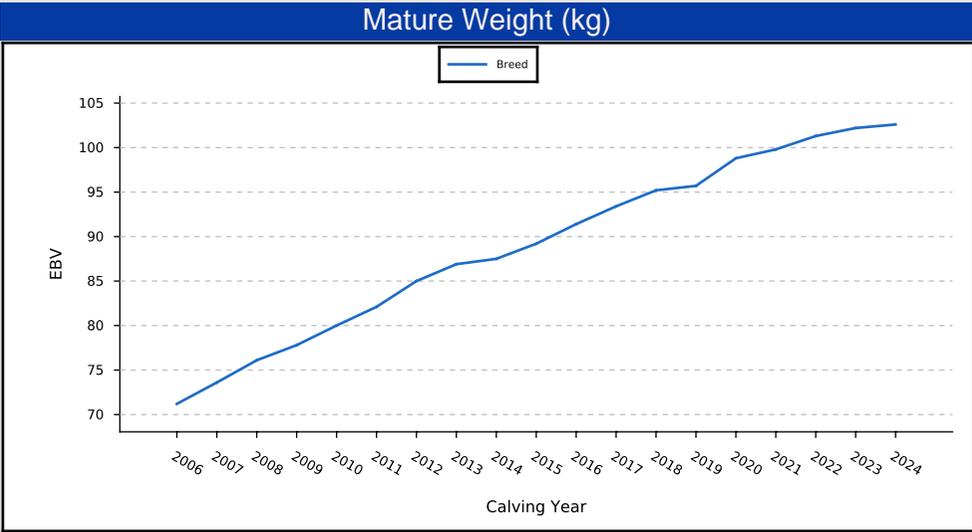
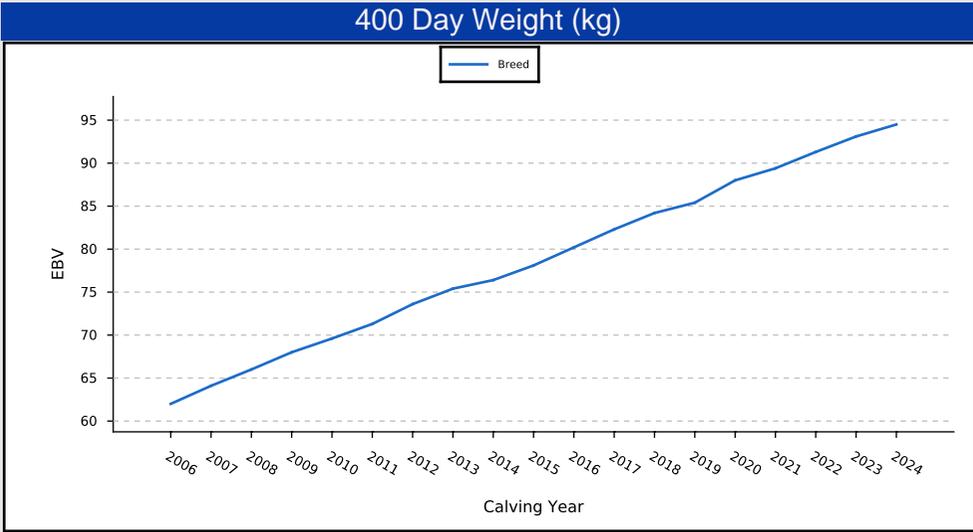
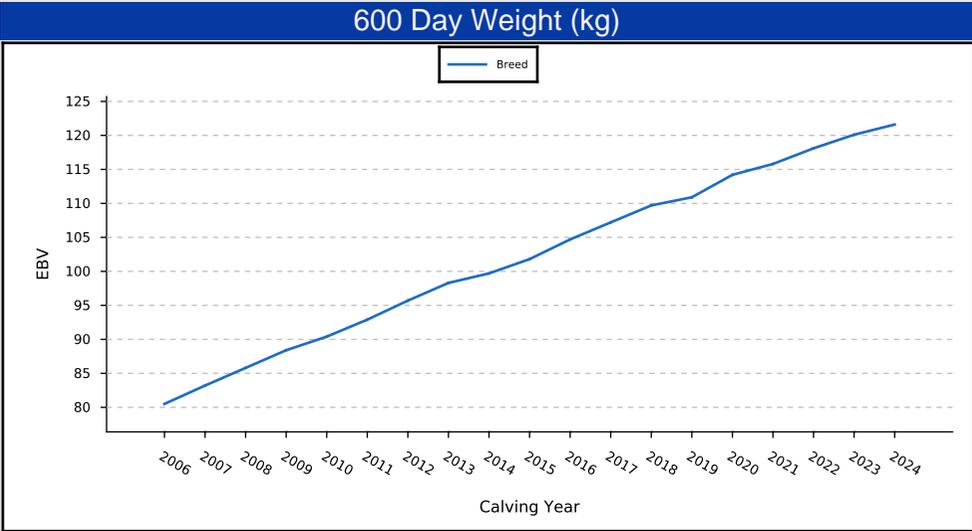
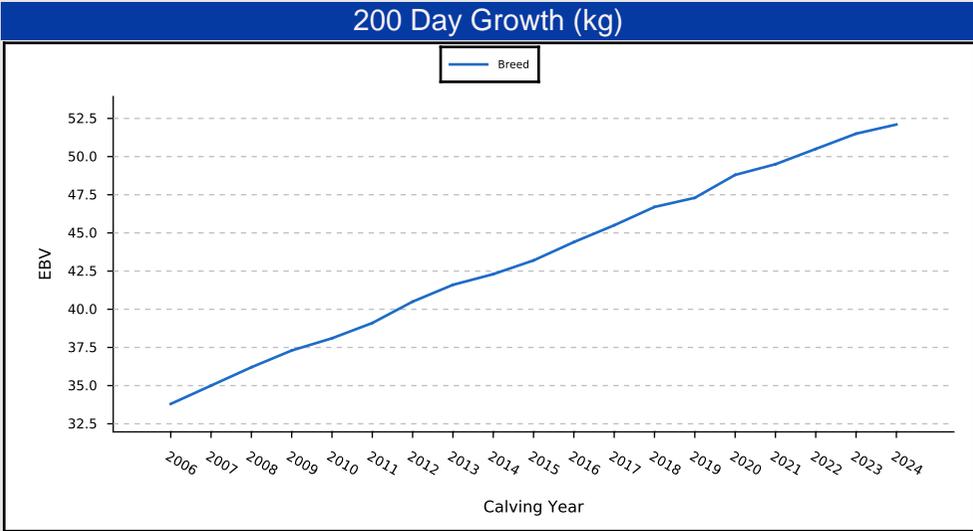
Genetic Progress By Trait

The reports below assess the change in the average EBVs of Angus seedstock animals born in each year for each respective trait.



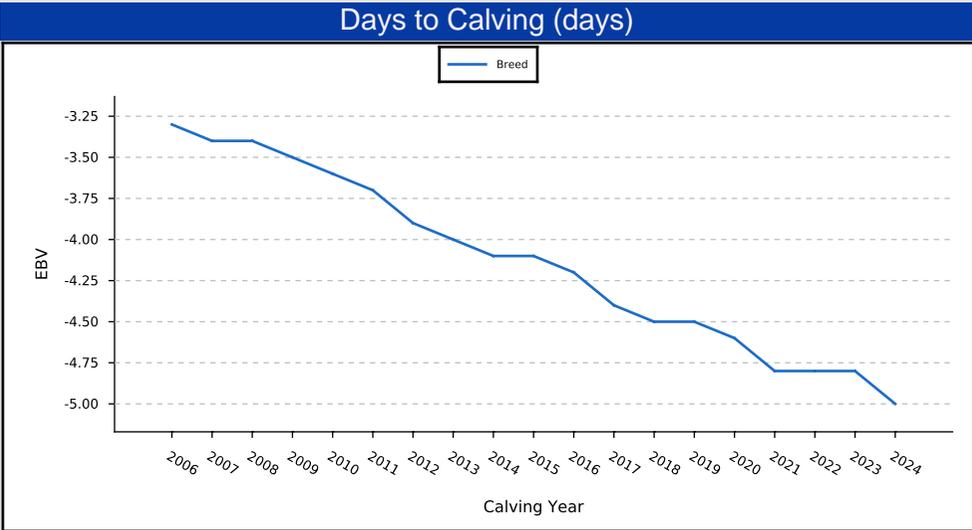
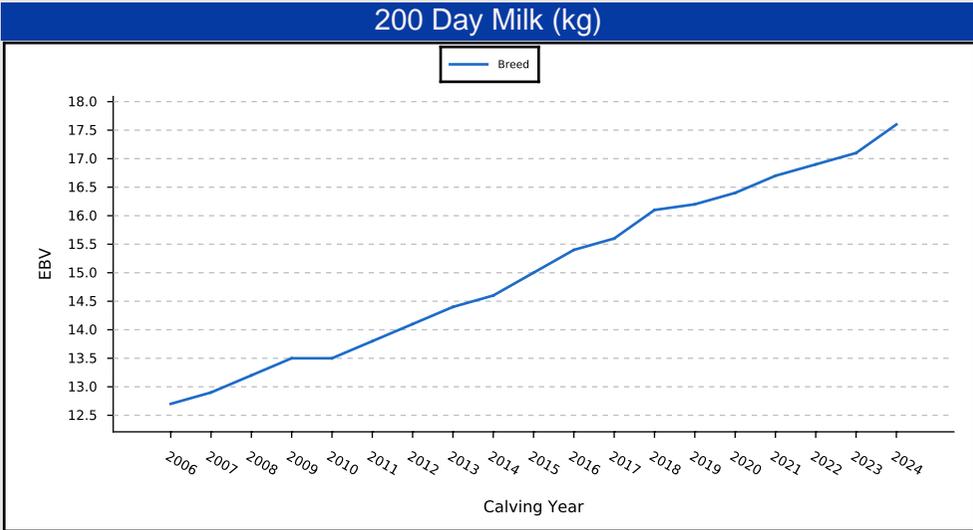
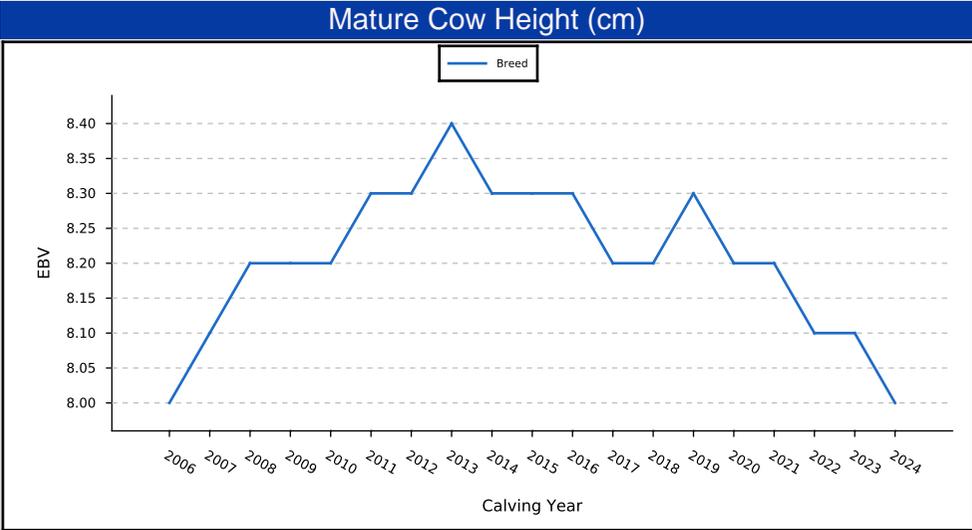
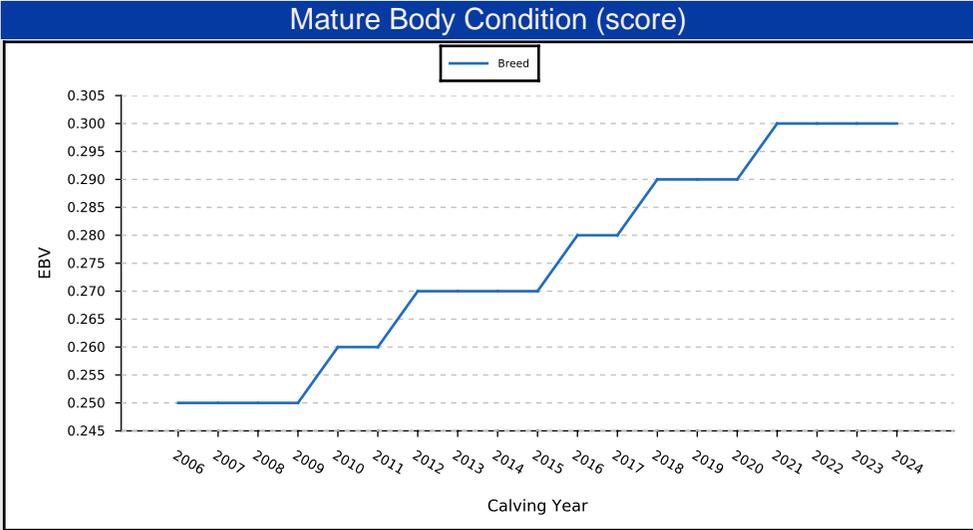
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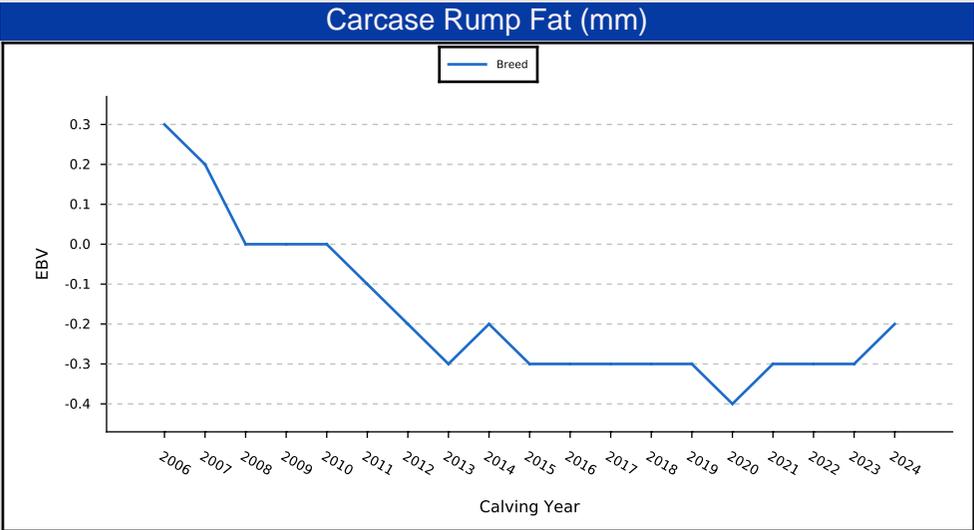
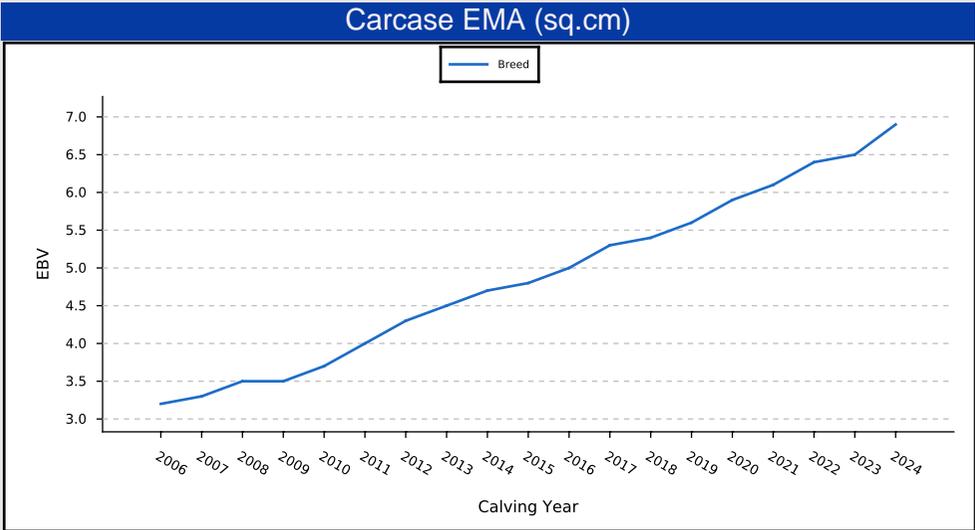
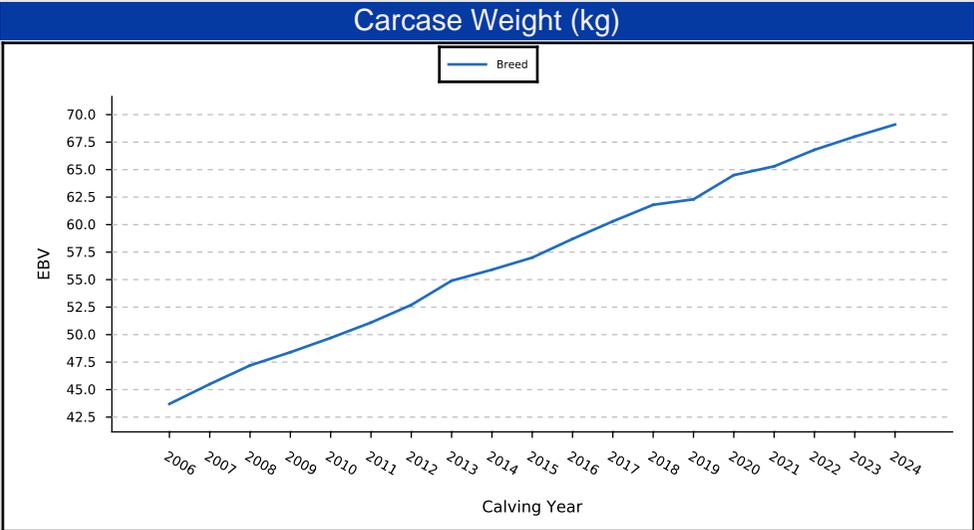
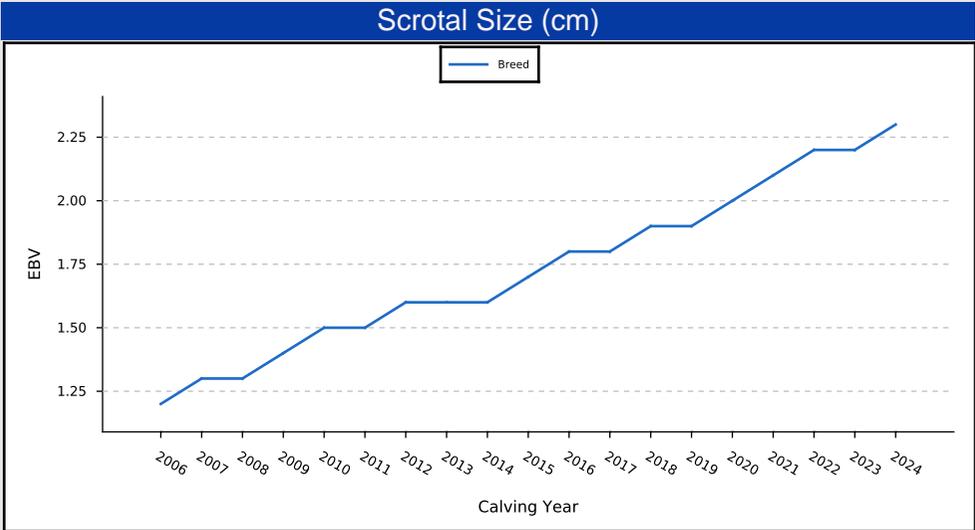
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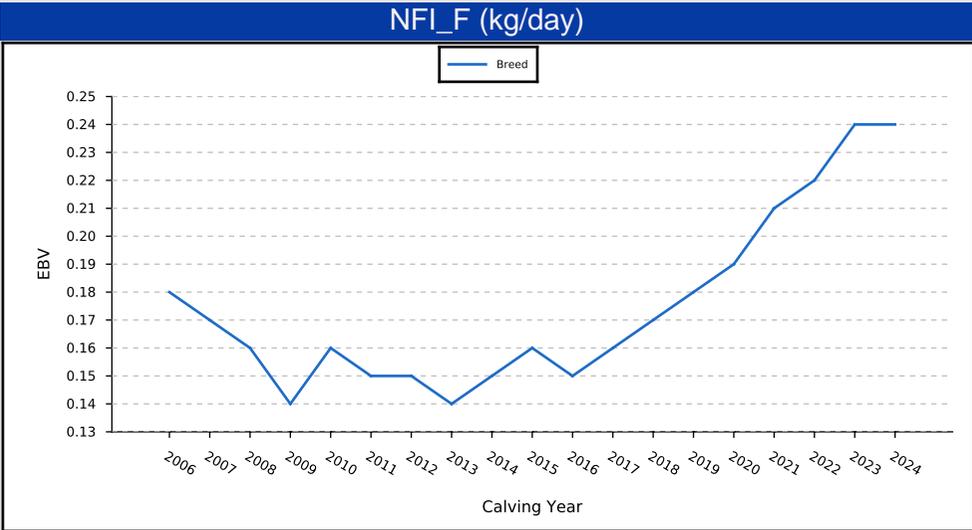
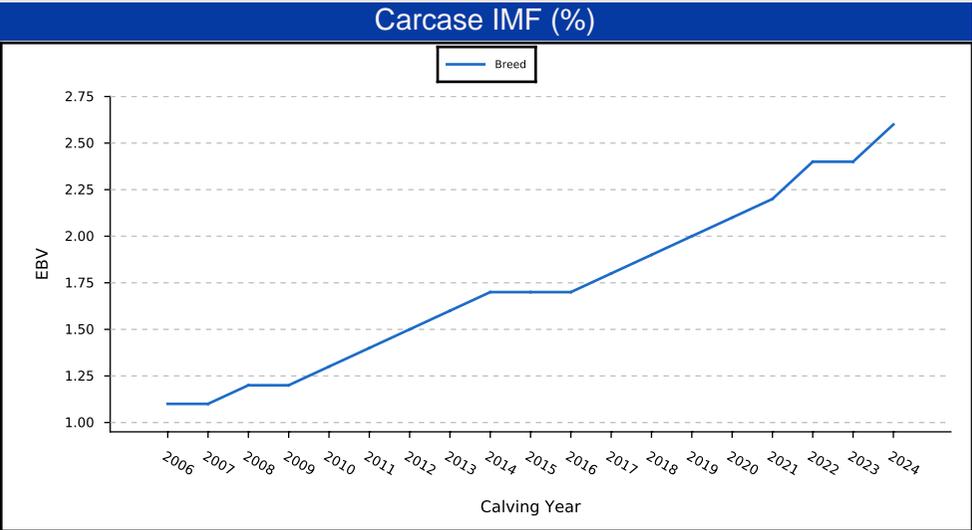
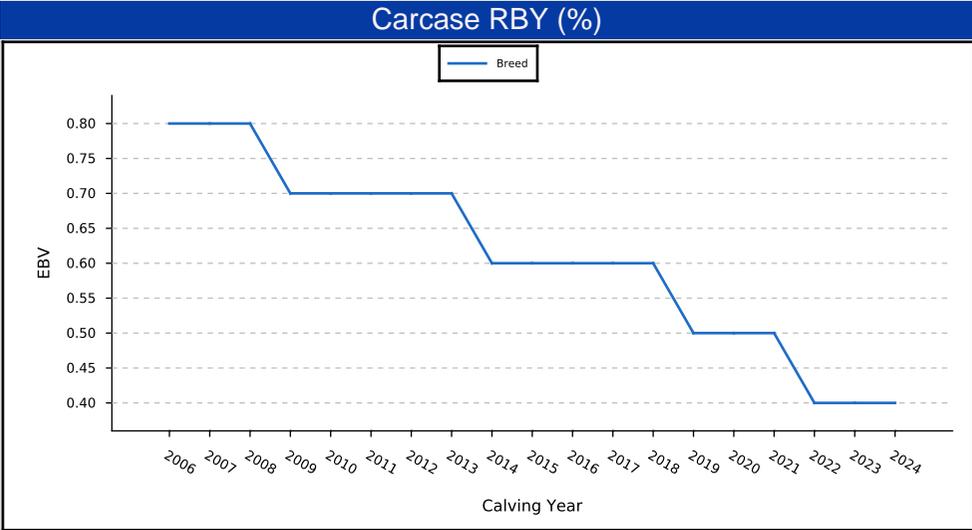
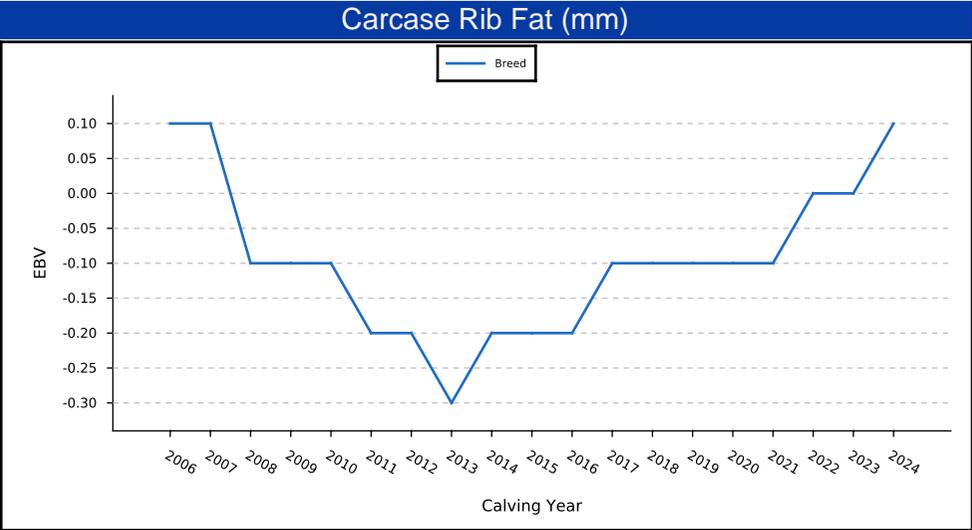
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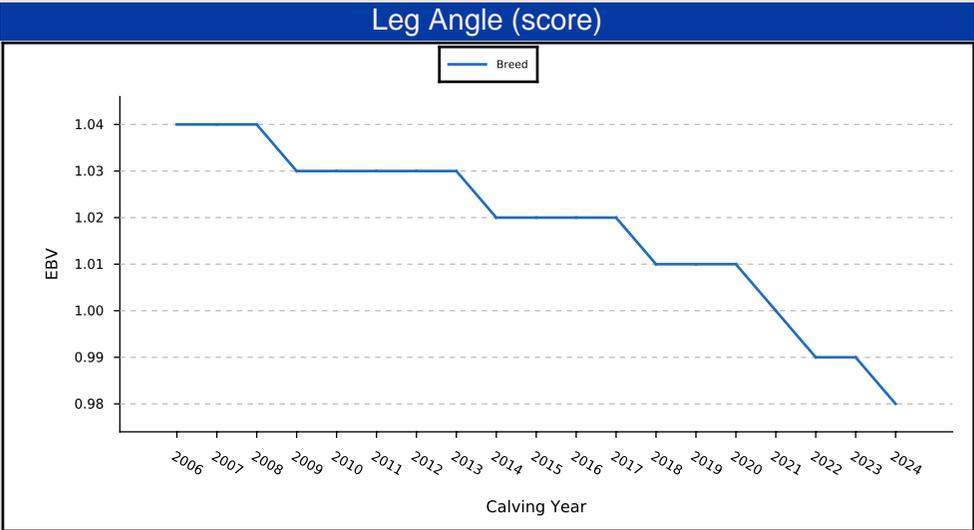
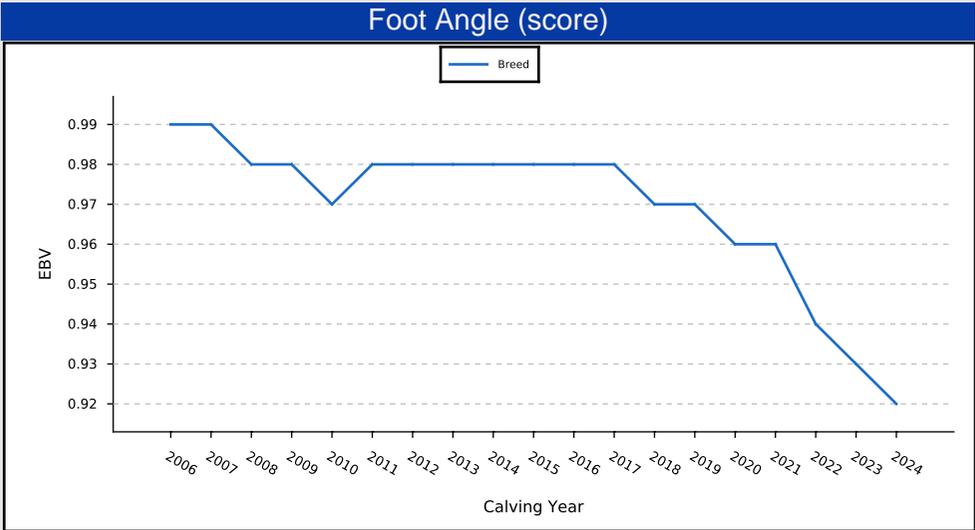
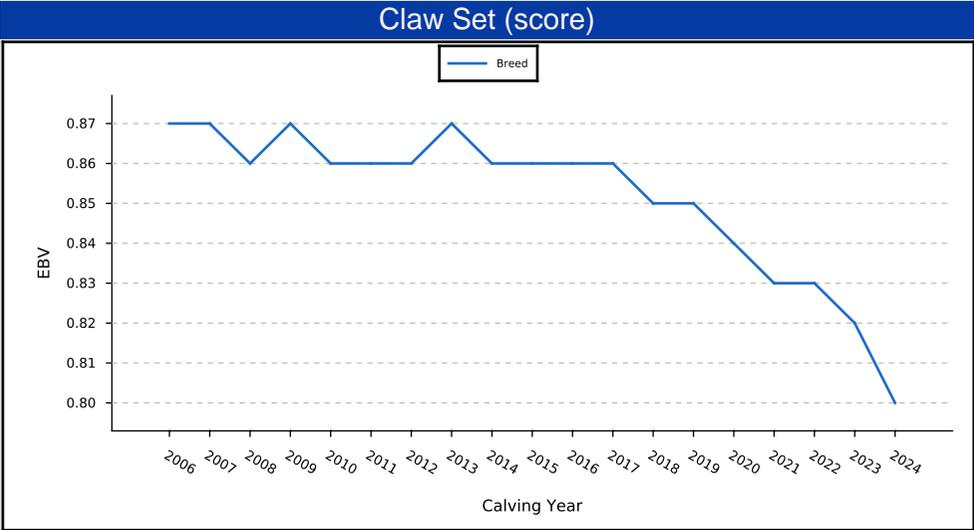
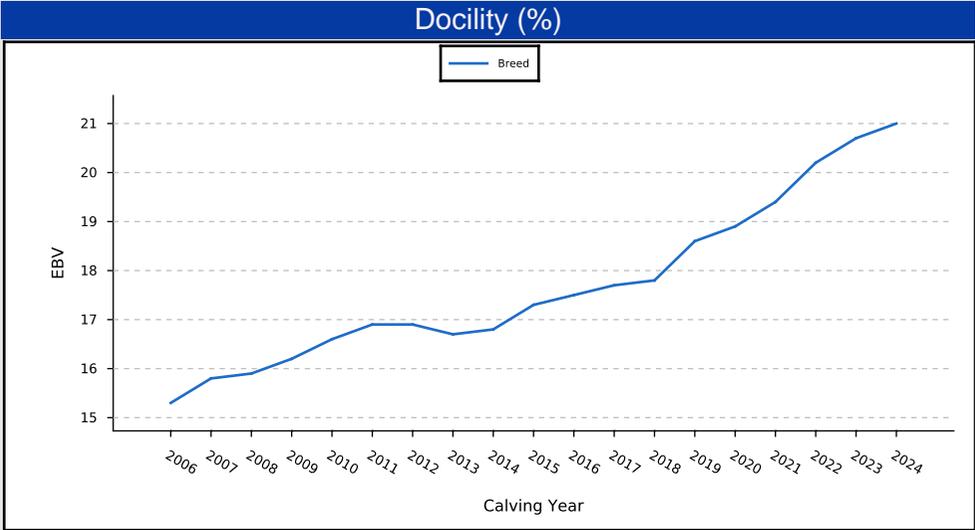
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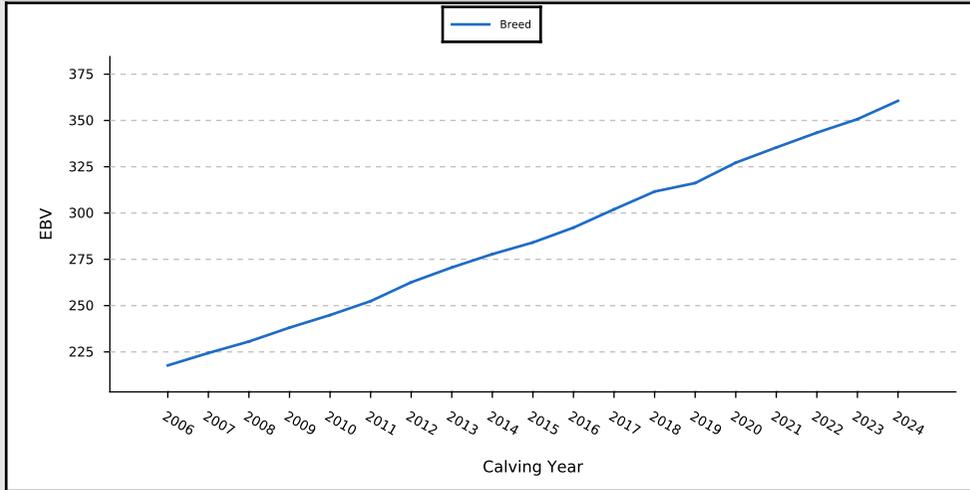
Genetic Progress By Trait

Date: March 10, 2026

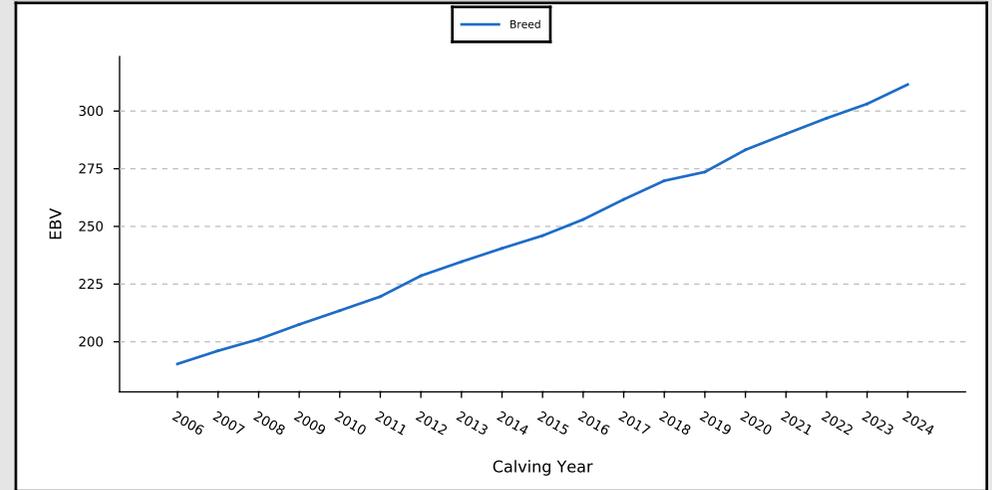
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The reports below assess the change in the average EBVs of Angus seedstock animals born in each year for each respective trait.

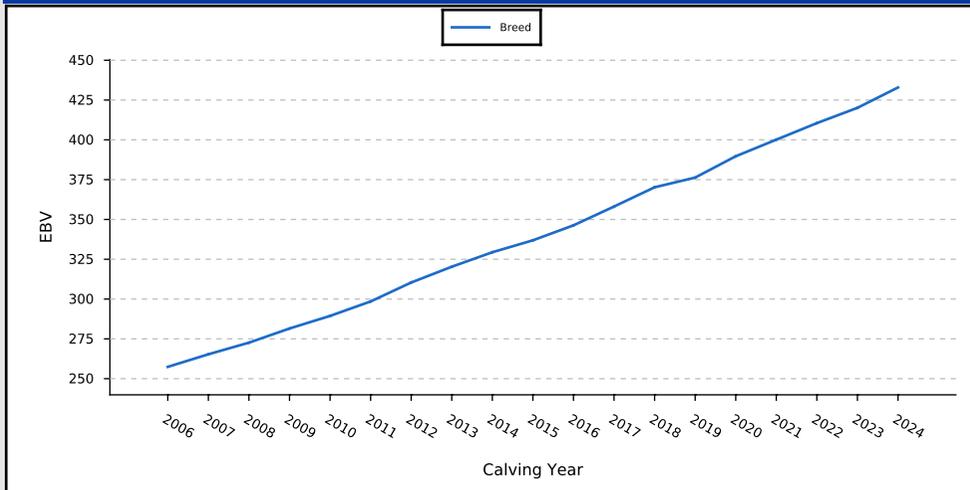
Angus Breeding Low Feed Cost (\$A-L)



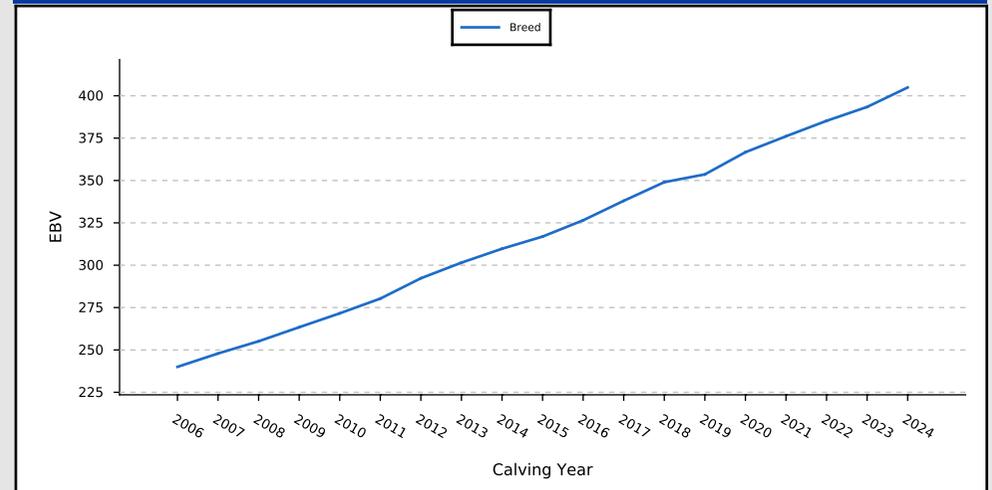
Domestic Low Feed Cost (\$D-L)



Heavy Grain Low Feed Cost (\$GN-L)



Heavy Grass Low Feed Cost (\$GS-L)

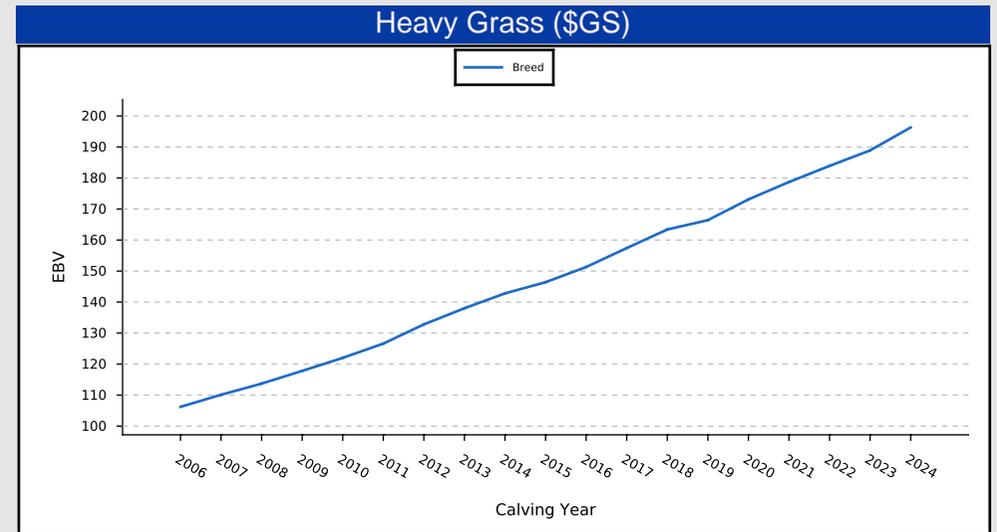
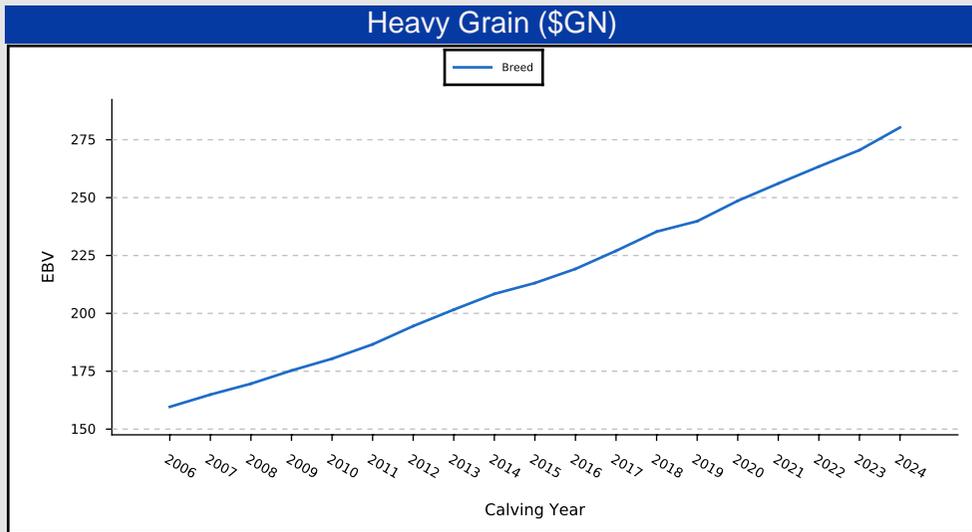
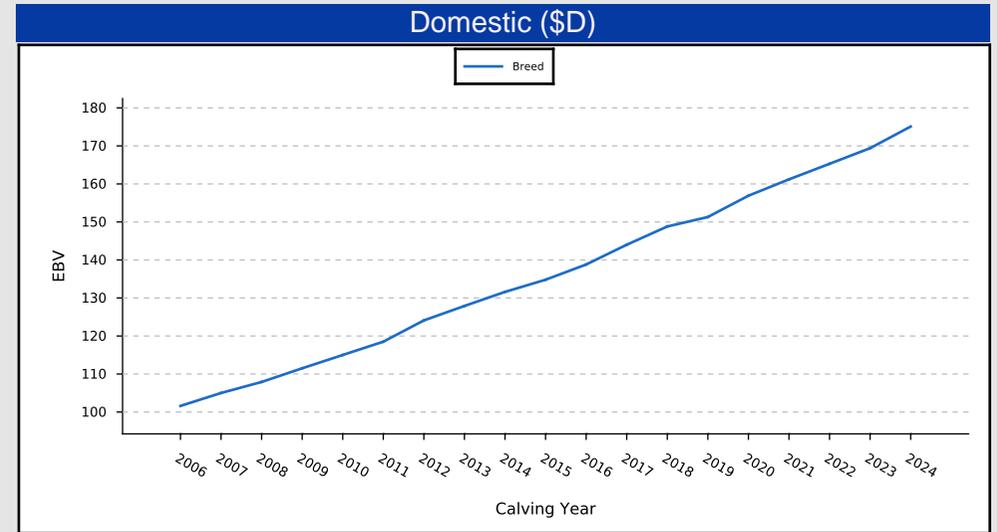
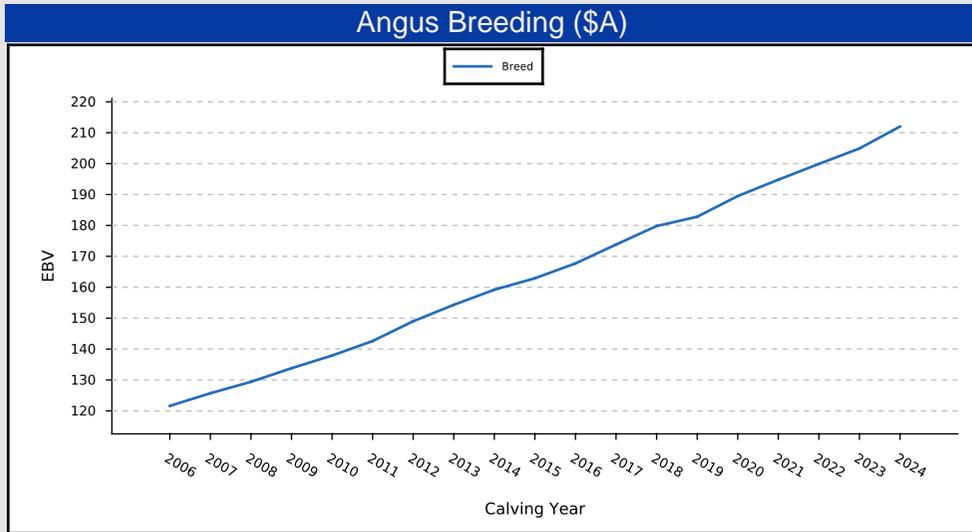


Genetic Progress By Trait

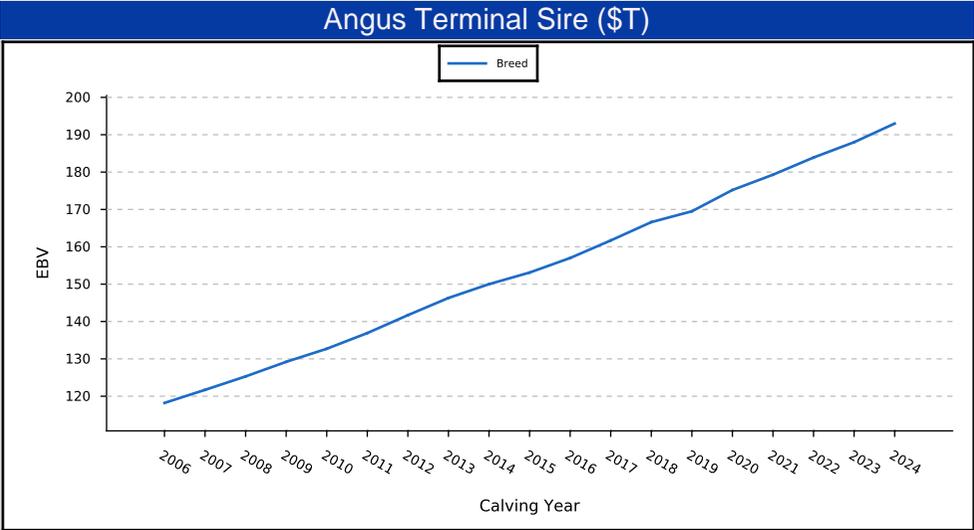
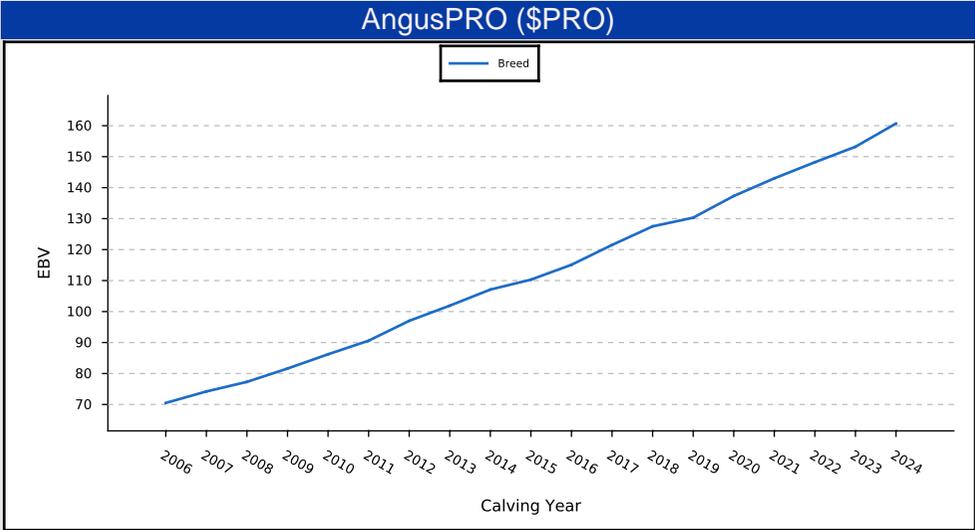
Date: March 10, 2026

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The reports below assess the change in the average EBVs of Angus seedstock animals born in each year for each respective trait.

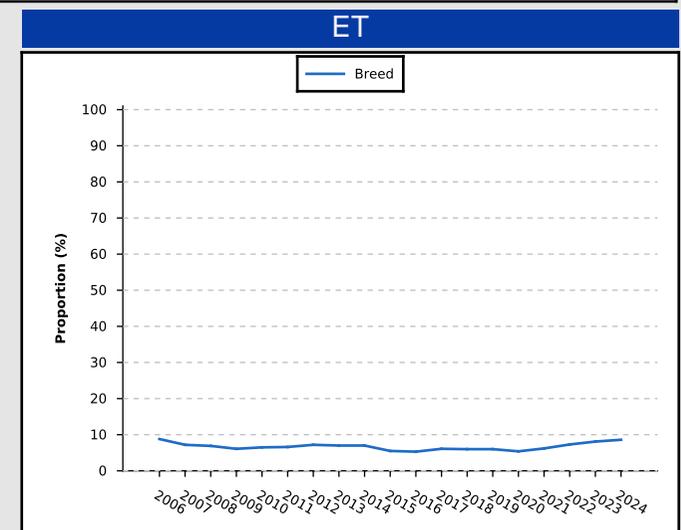
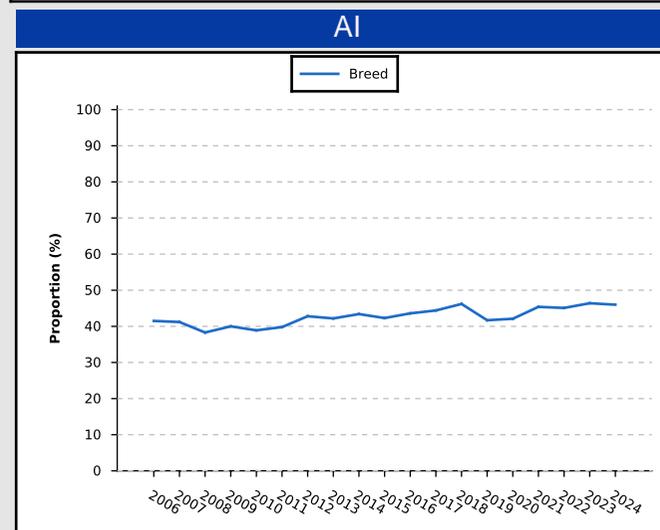
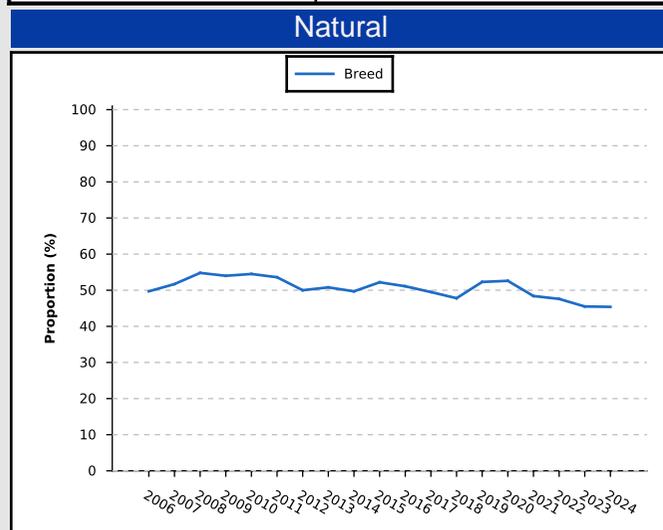
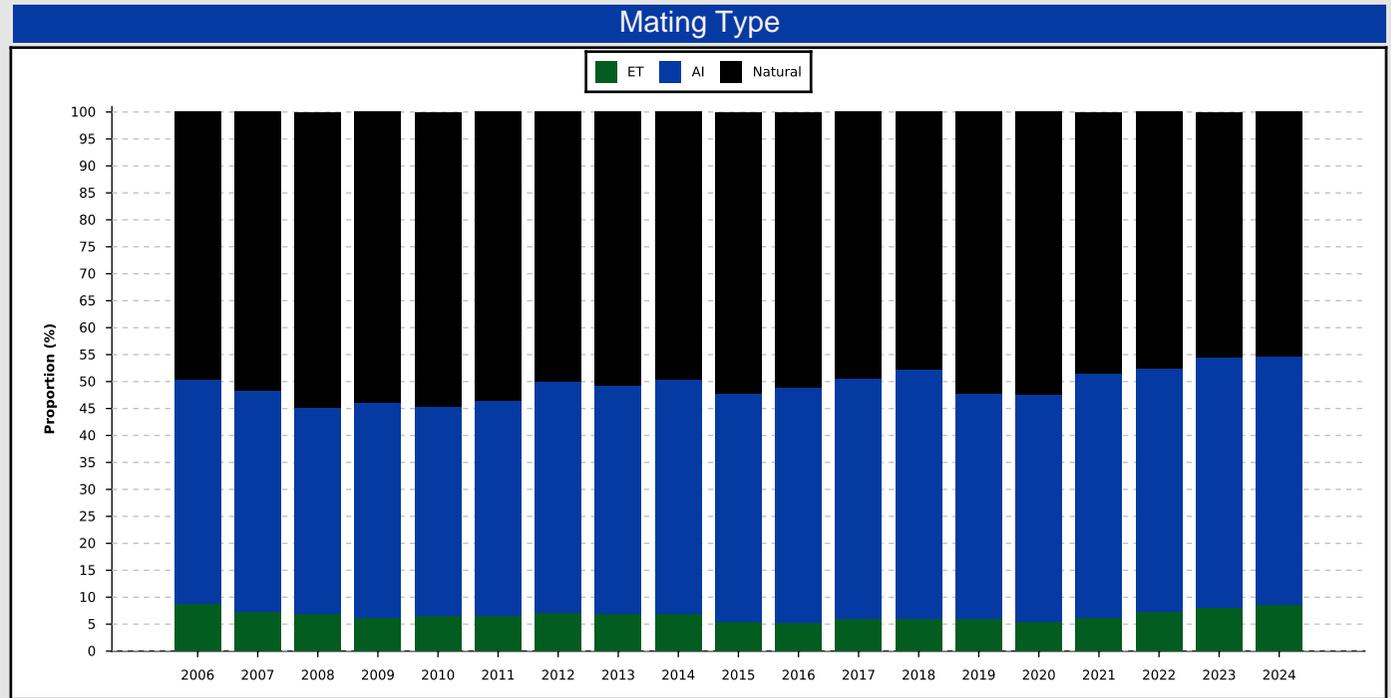


The reports below assess the change in the average EBVs of Angus seedstock animals born in each year for each respective trait.



This report assesses the utilisation of reproductive technologies within the Angus breed by summarising the number of animals born in each year that have been bred by artificial insemination and embryo transfer.

Calving Year	Animals	Mating Type		
		Natural	AI	ET
2006	70868	35213	29397	6258
2007	67586	34911	27813	4862
2008	67978	37263	26032	4683
2009	66923	36107	26752	4064
2010	67606	36858	26320	4428
2011	73755	39549	29328	4878
2012	79819	39941	34164	5714
2013	82296	41771	34730	5795
2014	81082	40278	35156	5648
2015	81888	42707	34661	4520
2016	82954	42365	36178	4411
2017	86572	42858	38426	5288
2018	87468	41805	40442	5221
2019	87330	45699	36411	5220
2020	84931	44645	35738	4548
2021	97798	47292	44430	6076
2022	107602	51195	48526	7881
2023	110291	50168	51182	8941
2024	107936	49041	49662	9233



Generation Length

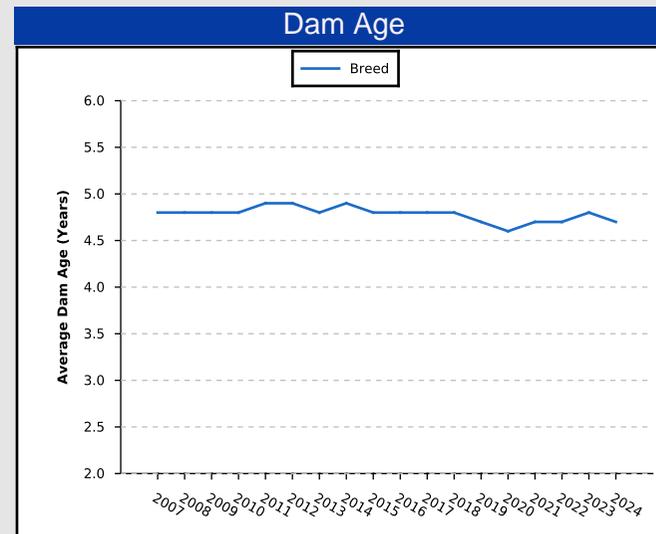
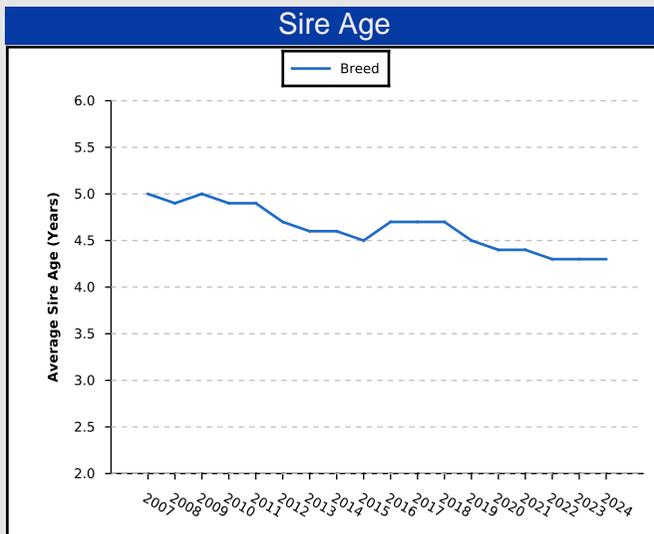
Average Sire and Dam Age By Year

Date: March 10, 2026

Page: 13

This report summarises the average age of the sires and dams of Angus seedstock animals over time. The statistics are calculated as the age of the sire and dam when their progeny are born, and are weighted according to the number of progeny that a sire or dam has in a particular year. For example, if a sire has 50 calves in a particular calving year, its age will make a greater contribution to the average age statistics than a sire with 5 calves.

Calving Year	Animals	Sire Age (Years)				Dam Age (Years)			
		All	Natural	AI	ET	All	Natural	AI	ET
2007	62775	5.0	3.7	6.3	7.6	4.8	4.7	4.4	6.4
2008	63499	4.9	3.7	6.4	7.8	4.8	4.8	4.4	6.7
2009	63170	5.0	3.7	6.5	7.9	4.8	4.7	4.5	6.9
2010	63673	4.9	3.7	6.1	7.6	4.8	4.8	4.5	6.5
2011	69920	4.9	3.7	6.1	7.6	4.9	4.9	4.5	6.8
2012	75262	4.7	3.7	5.6	6.7	4.9	4.9	4.5	6.7
2013	77646	4.6	3.7	5.4	6.4	4.8	4.8	4.5	6.8
2014	76481	4.6	3.7	5.4	6.7	4.9	4.9	4.5	6.9
2015	78268	4.5	3.7	5.3	6.7	4.8	4.8	4.5	6.9
2016	78947	4.7	3.8	5.5	6.7	4.8	4.9	4.5	6.8
2017	81626	4.7	3.8	5.5	6.6	4.8	4.8	4.5	6.8
2018	82772	4.7	3.7	5.5	6.5	4.8	4.8	4.4	6.9
2019	82864	4.5	3.6	5.3	6.8	4.7	4.7	4.4	6.5
2020	81333	4.4	3.6	5.2	5.9	4.6	4.7	4.3	6.8
2021	92955	4.4	3.5	5.2	6.5	4.7	4.7	4.3	6.9
2022	100997	4.3	3.5	4.9	5.8	4.7	4.7	4.3	6.8
2023	102890	4.3	3.5	4.8	5.8	4.8	4.7	4.4	6.9
2024	99354	4.3	3.5	4.9	5.6	4.7	4.6	4.3	6.6



Genetic Diversity

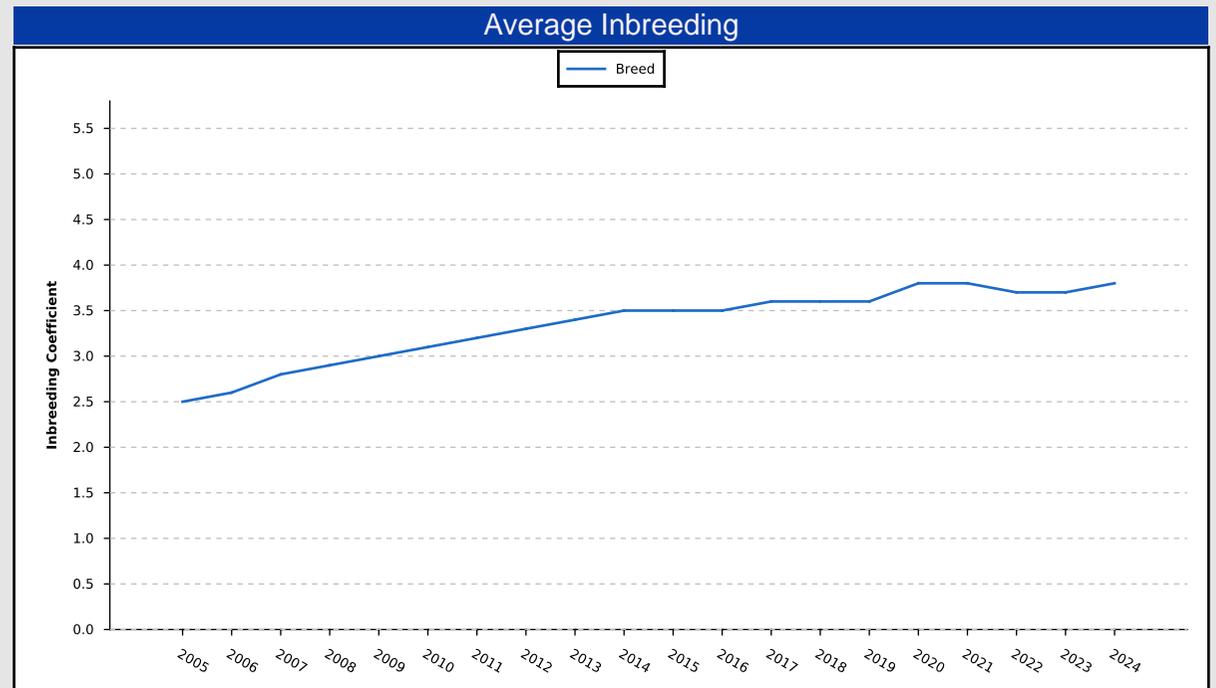
Average Inbreeding By Year

Date: March 10, 2026

Page: 14

This report assesses the genetic diversity within the Angus breed by summarising the average inbreeding co-efficient of animals born in each year.

Calving Year	Animals	Inbreeding Coefficient (%)
		Breed
2005	63550	2.5
2006	64693	2.6
2007	62775	2.8
2008	63499	2.9
2009	63170	3.0
2010	63673	3.1
2011	69920	3.2
2012	75262	3.3
2013	77646	3.4
2014	76481	3.5
2015	78268	3.5
2016	78947	3.5
2017	81626	3.6
2018	82772	3.6
2019	82864	3.6
2020	81333	3.8
2021	92955	3.8
2022	100997	3.7
2023	102890	3.7
2024	99354	3.8



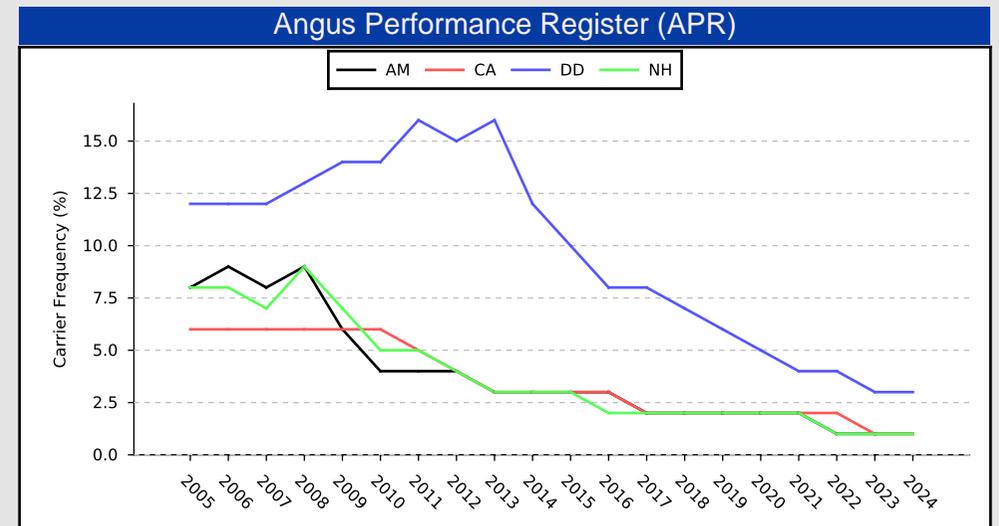
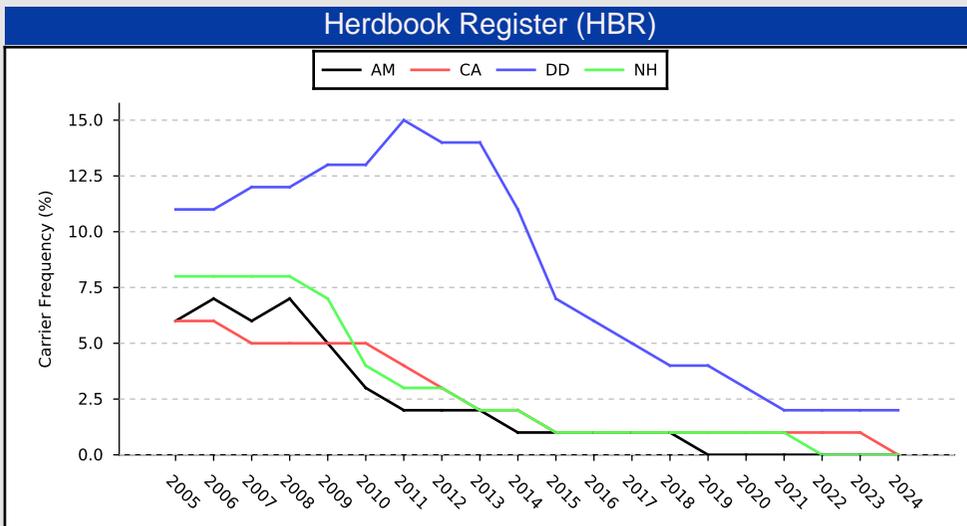
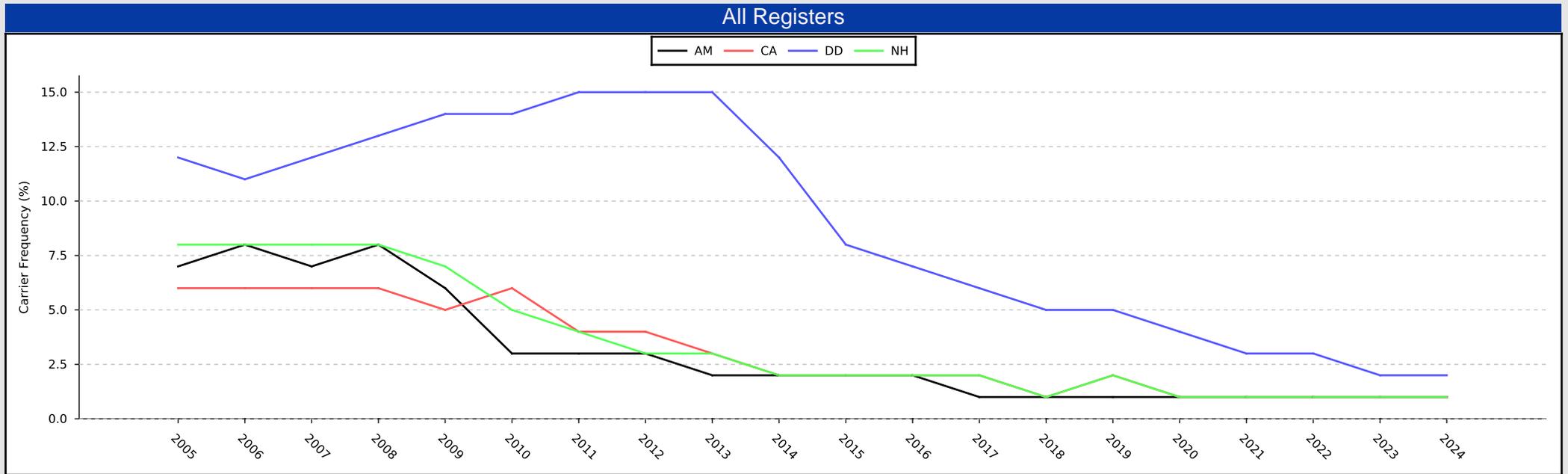
Genetic Conditions

Carrier Frequency By Register

Date: March 10, 2026

Page: 15

This report assesses the frequency of carriers for recessive genetic conditions over time. The statistics are calculated based on the results of the gene probability analyses conducted by Angus Australia.



Appendix 2 Breed Genetic Trends

Date: March 10, 2026

Page: 16

This report provides the average EBVs for all animals recorded with Angus Australia over time.

		Estimated Breeding Values																																	
		Calv-Ease		Birth		Growth			Maternal				Fert		Carcase				Feed		Temp		Structural			Selection Index									
Year	Count	Dir	Dtrs	GL	BW	200	400	600	Mwt	MBC	MCH	Milk	SS	DC	CW	EMA	RIB	P8	RBV	IMF	NFI-F	DOC	Claw	Angle	Leg	\$A	\$D	\$GN	\$GS	\$A-L	\$D-L	\$GN-L	\$GS-L	\$PRO	\$T
2006	64693	-0.1	+0.0	-2.3	+4.2	+34	+62	+81	+71	+0.25	+8.0	+13	+1.2	-3.3	+44	+3.2	+0.1	+0.3	+0.8	+1.1	+0.18	+15	+0.87	+0.99	+1.04	+122	+102	+160	+106	+218	+190	+257	+240	+71	+118
2007	62775	-0.2	-0.1	-2.3	+4.3	+35	+64	+83	+74	+0.25	+8.1	+13	+1.3	-3.4	+46	+3.3	+0.1	+0.2	+0.8	+1.1	+0.17	+16	+0.87	+0.99	+1.04	+126	+105	+165	+110	+224	+196	+265	+248	+74	+122
2008	63499	-0.3	-0.1	-2.4	+4.4	+36	+66	+86	+76	+0.25	+8.2	+13	+1.3	-3.4	+47	+3.5	-0.1	+0.0	+0.8	+1.2	+0.16	+16	+0.86	+0.98	+1.04	+129	+108	+170	+114	+231	+201	+273	+255	+77	+125
2009	63170	-0.1	+0.2	-2.5	+4.3	+37	+68	+88	+78	+0.25	+8.2	+14	+1.4	-3.5	+48	+3.5	-0.1	+0.0	+0.7	+1.2	+0.14	+16	+0.87	+0.98	+1.03	+134	+112	+175	+118	+238	+208	+282	+263	+82	+129
2010	63673	-0.1	+0.1	-2.6	+4.4	+38	+70	+90	+80	+0.26	+8.2	+14	+1.5	-3.6	+50	+3.7	-0.1	+0.0	+0.7	+1.3	+0.16	+17	+0.86	+0.97	+1.03	+138	+115	+180	+122	+245	+214	+289	+272	+86	+133
2011	69920	+0.0	+0.2	-2.6	+4.4	+39	+71	+93	+82	+0.26	+8.3	+14	+1.5	-3.7	+51	+4.0	-0.2	-0.1	+0.7	+1.4	+0.15	+17	+0.86	+0.98	+1.03	+143	+119	+187	+127	+252	+220	+299	+280	+91	+137
2012	75262	+0.0	+0.2	-2.8	+4.4	+41	+74	+96	+85	+0.27	+8.3	+14	+1.6	-3.9	+53	+4.3	-0.2	-0.2	+0.7	+1.5	+0.15	+17	+0.86	+0.98	+1.03	+149	+124	+195	+133	+263	+229	+310	+292	+97	+142
2013	77646	+0.0	+0.2	-2.9	+4.4	+42	+75	+98	+87	+0.27	+8.4	+14	+1.6	-4.0	+55	+4.5	-0.3	-0.3	+0.7	+1.6	+0.14	+17	+0.87	+0.98	+1.03	+154	+128	+202	+138	+271	+235	+320	+302	+102	+146
2014	76481	+0.3	+0.3	-3.1	+4.3	+42	+76	+100	+88	+0.27	+8.3	+15	+1.6	-4.1	+56	+4.7	-0.2	-0.2	+0.6	+1.7	+0.15	+17	+0.86	+0.98	+1.02	+159	+132	+208	+143	+278	+241	+329	+310	+107	+150
2015	78268	+0.4	+0.7	-3.2	+4.3	+43	+78	+102	+89	+0.27	+8.3	+15	+1.7	-4.1	+57	+4.8	-0.2	-0.3	+0.6	+1.7	+0.16	+17	+0.86	+0.98	+1.02	+163	+135	+213	+146	+284	+246	+337	+317	+110	+153
2016	78947	+0.5	+0.9	-3.4	+4.3	+44	+80	+105	+91	+0.28	+8.3	+15	+1.8	-4.2	+59	+5.0	-0.2	-0.3	+0.6	+1.7	+0.15	+18	+0.86	+0.98	+1.02	+168	+139	+219	+151	+292	+253	+346	+327	+115	+157
2017	81626	+0.8	+1.2	-3.6	+4.3	+46	+82	+107	+93	+0.28	+8.2	+16	+1.8	-4.4	+60	+5.3	-0.1	-0.3	+0.6	+1.8	+0.16	+18	+0.86	+0.98	+1.02	+174	+144	+227	+157	+302	+262	+358	+338	+122	+162
2018	82772	+1.1	+1.7	-3.7	+4.2	+47	+84	+110	+95	+0.29	+8.2	+16	+1.9	-4.5	+62	+5.4	-0.1	-0.3	+0.6	+1.9	+0.17	+18	+0.85	+0.97	+1.01	+180	+149	+235	+163	+312	+270	+370	+349	+128	+167
2019	82864	+1.3	+2.0	-3.8	+4.2	+47	+85	+111	+96	+0.29	+8.3	+16	+1.9	-4.5	+62	+5.6	-0.1	-0.3	+0.5	+2.0	+0.18	+19	+0.85	+0.97	+1.01	+183	+151	+240	+166	+316	+274	+376	+354	+130	+170
2020	81333	+1.4	+2.1	-4.0	+4.1	+49	+88	+114	+99	+0.29	+8.2	+16	+2.0	-4.6	+65	+5.9	-0.1	-0.4	+0.5	+2.1	+0.19	+19	+0.84	+0.96	+1.01	+190	+157	+249	+173	+327	+283	+390	+367	+137	+175
2021	92955	+1.7	+2.5	-4.2	+4.0	+50	+89	+116	+100	+0.30	+8.2	+17	+2.1	-4.8	+65	+6.1	-0.1	-0.3	+0.5	+2.2	+0.21	+19	+0.83	+0.96	+1.00	+195	+161	+256	+179	+335	+290	+400	+376	+143	+179
2022	10099	+1.9	+2.8	-4.3	+4.0	+51	+91	+118	+101	+0.30	+8.1	+17	+2.2	-4.8	+67	+6.4	+0.0	-0.3	+0.4	+2.4	+0.22	+20	+0.83	+0.94	+0.99	+200	+165	+263	+184	+343	+297	+411	+385	+148	+184
2023	10289	+2.1	+2.9	-4.5	+3.9	+52	+93	+120	+102	+0.30	+8.1	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.3	+0.4	+2.4	+0.24	+21	+0.82	+0.93	+0.99	+205	+169	+271	+189	+351	+303	+420	+393	+153	+188
2024	99354	+2.5	+3.2	-4.7	+3.8	+52	+95	+122	+103	+0.30	+8.0	+18	+2.3	-5.0	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.80	+0.92	+0.98	+212	+175	+280	+196	+361	+312	+433	+405	+161	+193

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