

**TACE** 

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TransTasman Angus Cattle Evaluation

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# GENETIC BENCHMARKING REPORT

Angus Australia

MAY 2026

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# Genetic Progress Summary

## 2019 to 2024

Date: May 1, 2026

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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	%	+1.1	+0.2
Calving Ease Daughters	%	+1.2	+0.2
Gestation Length	days	-0.8	-0.2
Birth Weight	kg	-0.4	-0.1
200 Day Growth	kg	+4.7	+0.9
400 Day Weight	kg	+8.9	+1.8
600 Day Weight	kg	+10.4	+2.1
Mature Cow Weight	kg	+6.5	+1.3
Mature Body Condition	score	+0.0	+0.0
Mature Cow Height	cm	-0.4	-0.1
Milk	kg	+1.4	+0.3
Scrotal Size	cm	+0.3	+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	%	+2.5	+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)	\$	+28.0	+5.6
Domestic (\$D)	\$	+22.9	+4.6
Heavy Grain (\$GN)	\$	+39.2	+7.8
Heavy Grass(\$GS)	\$	+28.7	+5.7
Angus Breeding Low Feed Cost (\$A-L)	\$	+42.8	+8.6
Domestic Low Feed Cost (\$D-L)	\$	+36.5	+7.3
Heavy Grain Low Feed Cost (\$GN-L)	\$	+54.6	+10.9
Heavy Grass Low Feed Cost (\$GS-L)	\$	+49.2	+9.8
AngusPRO (\$PRO)	\$	+29.0	+5.8
Angus Terminal Sire (\$T)	\$	+22.7	+4.5

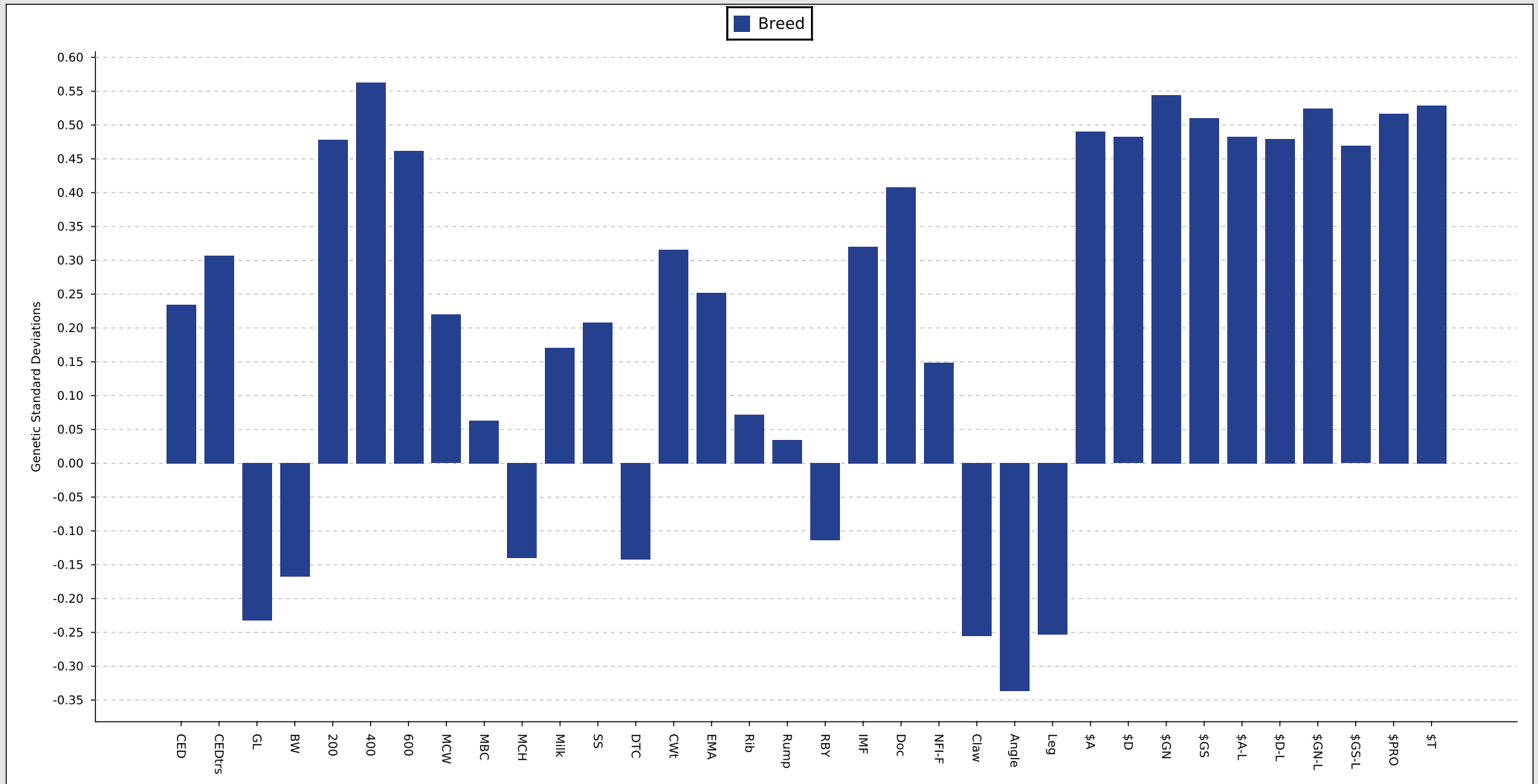
# Genetic Progress Summary

Date: May 1, 2026

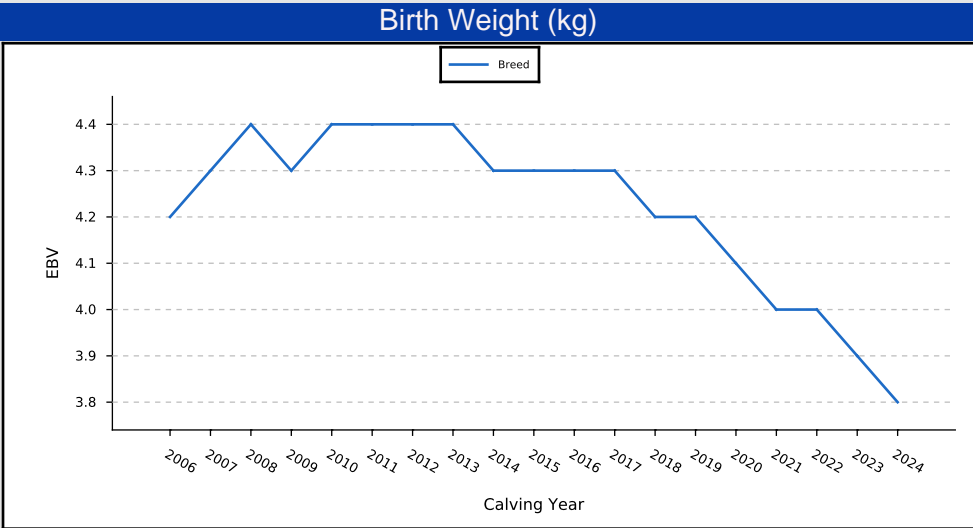
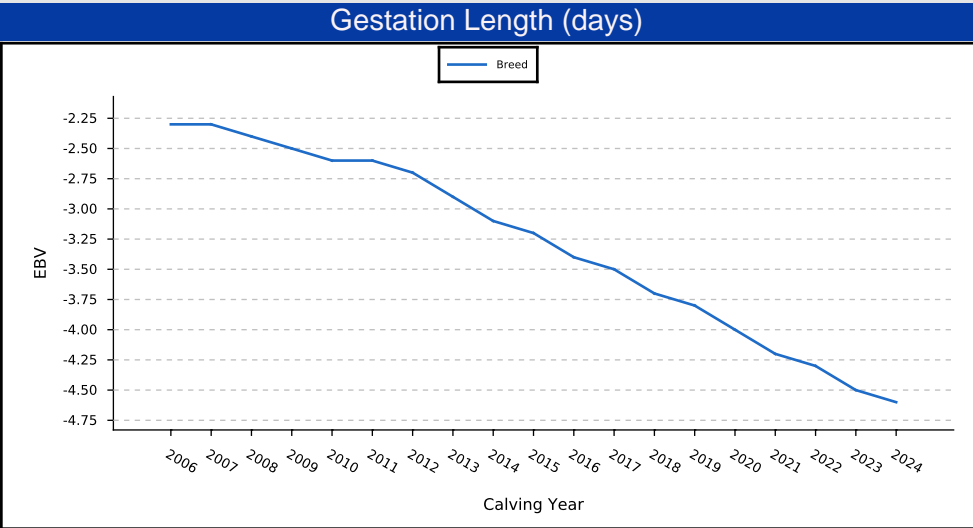
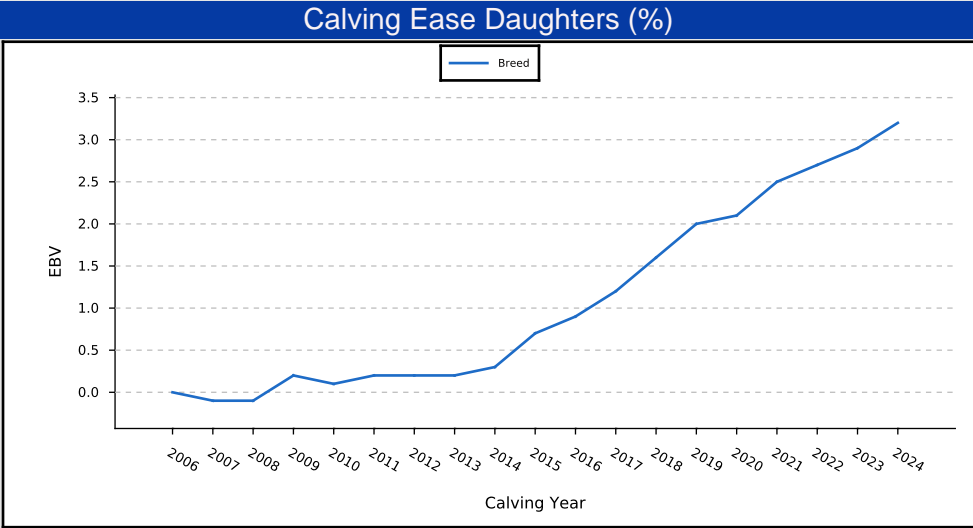
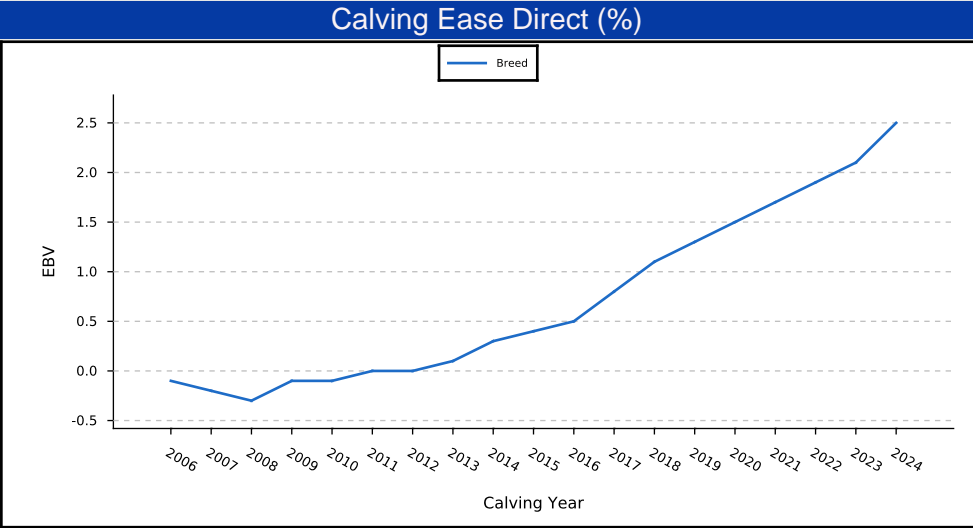
## Relative Change in Each Trait - 2019 to 2024

Page: 2

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.

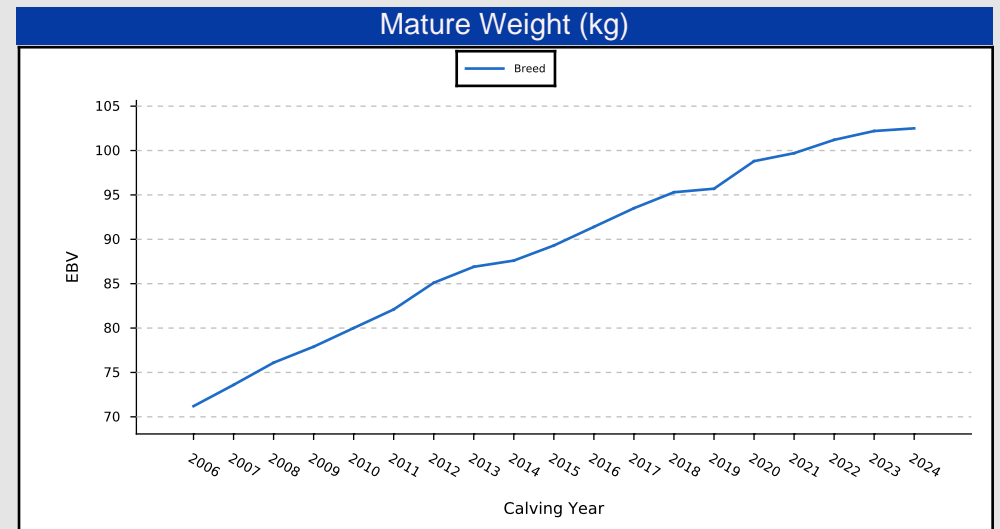
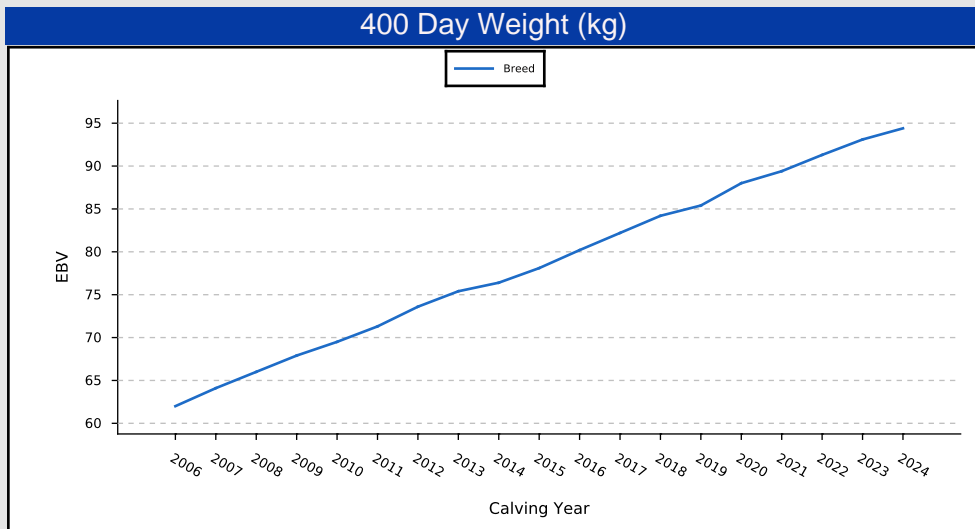
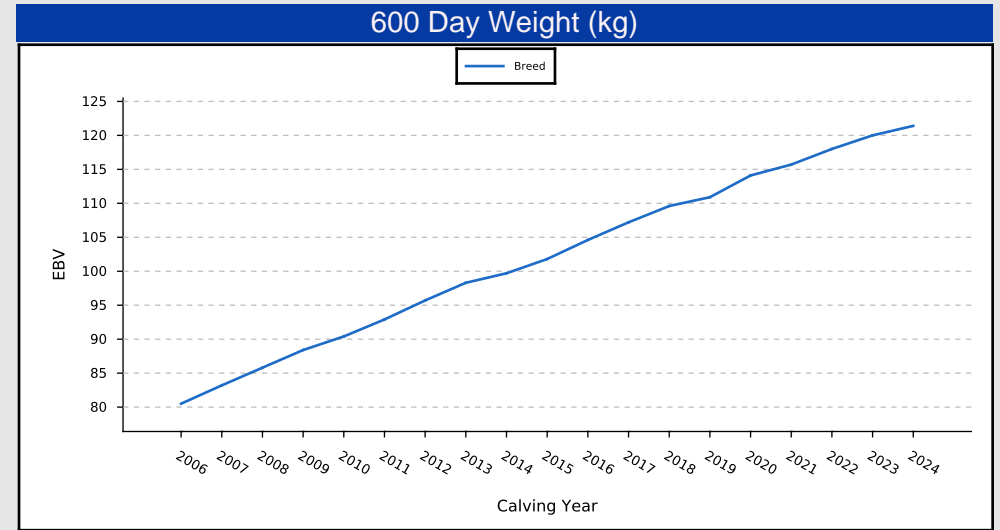
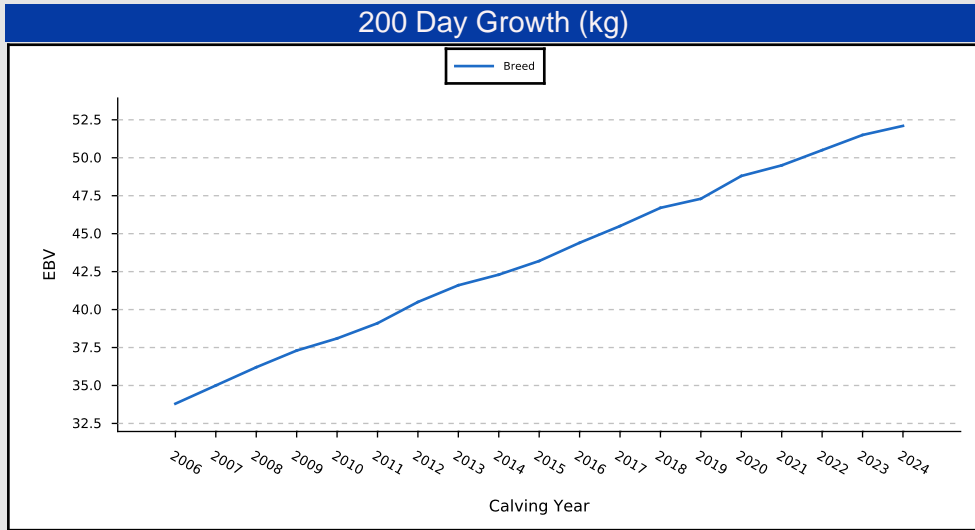


The reports below assess the change in the average EBVs of Angus seedstock animals born in each year for each respective trait.



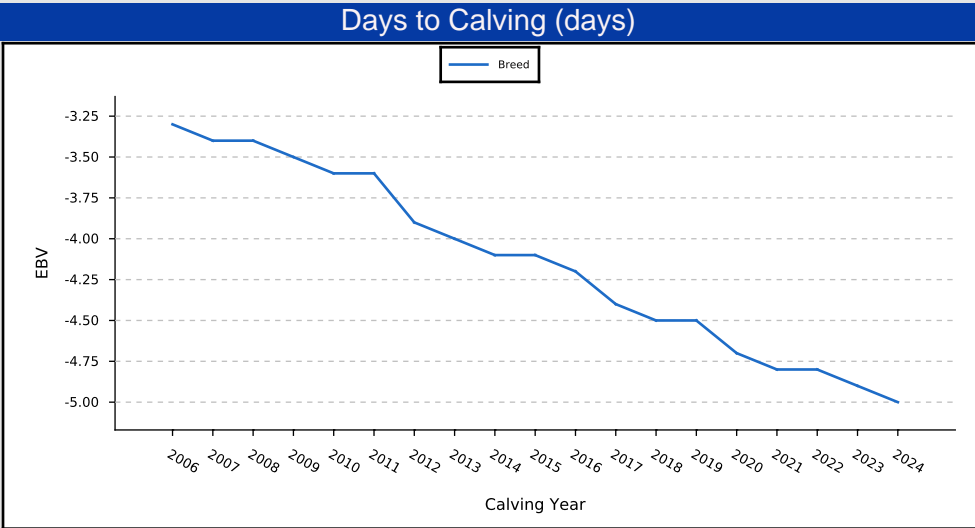
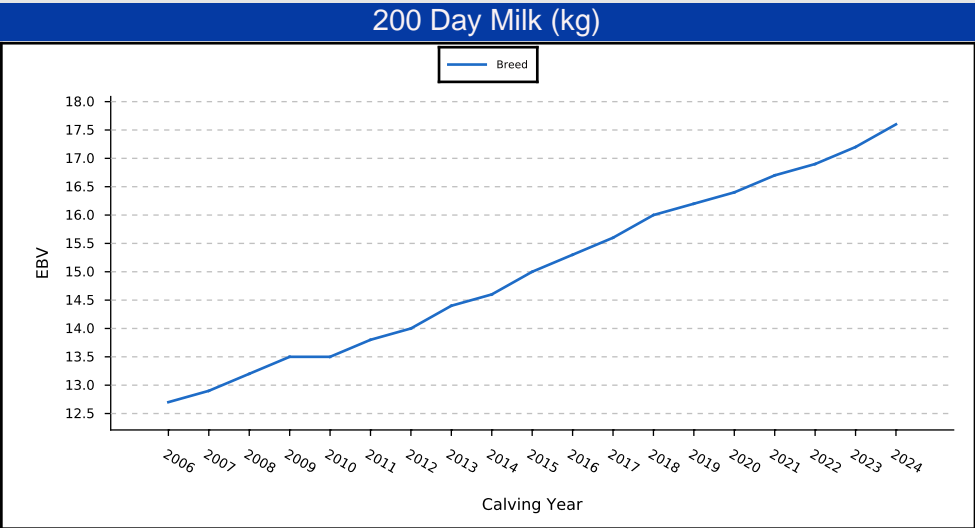
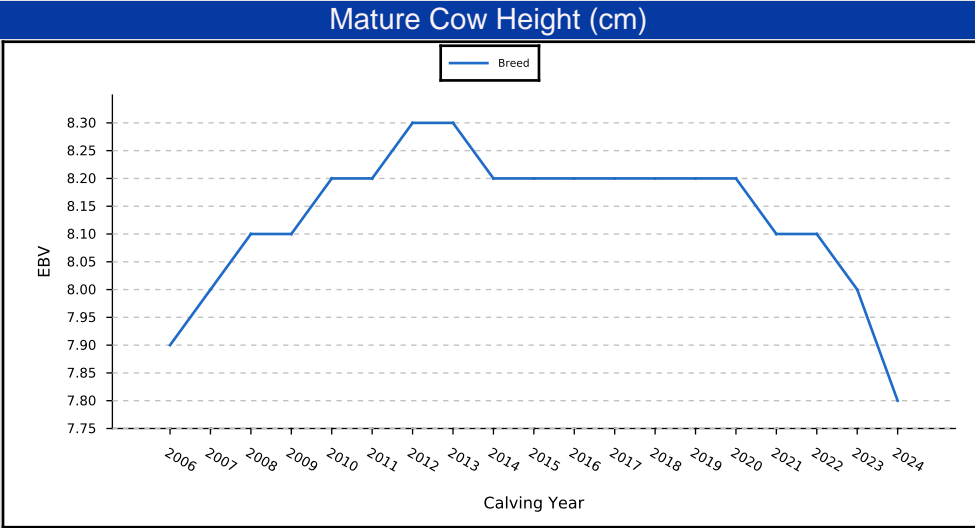
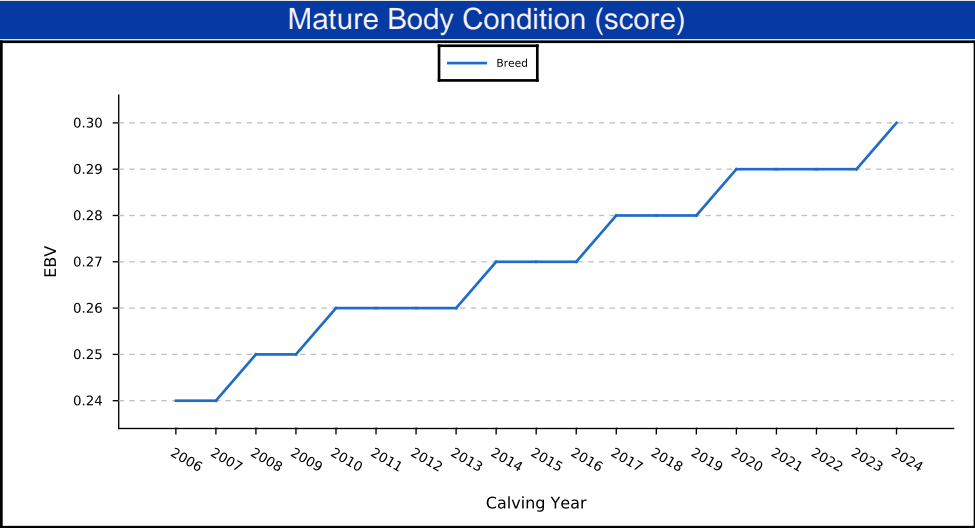
# Genetic Progress By Trait

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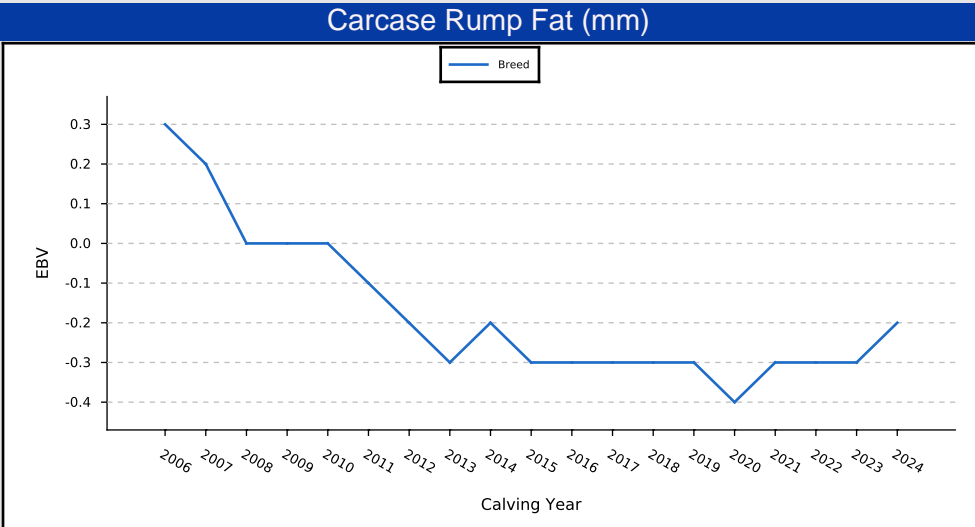
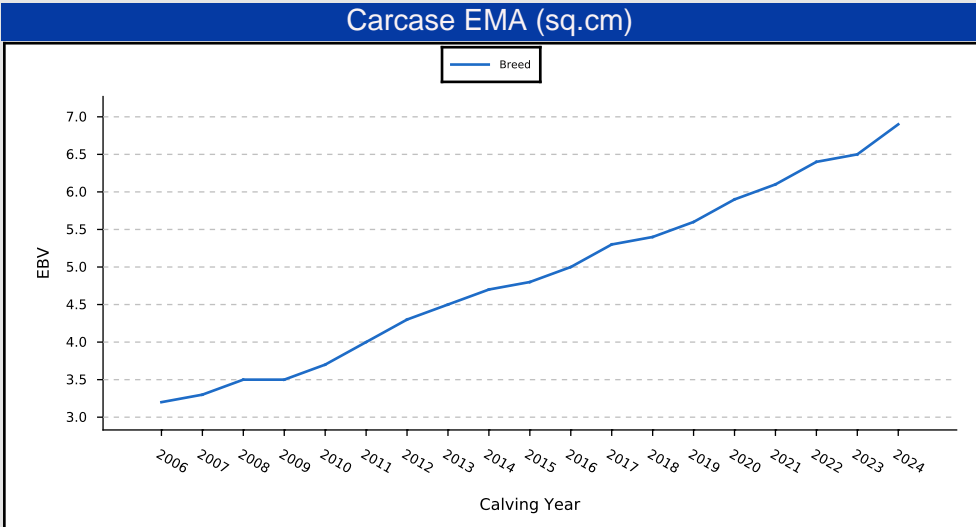
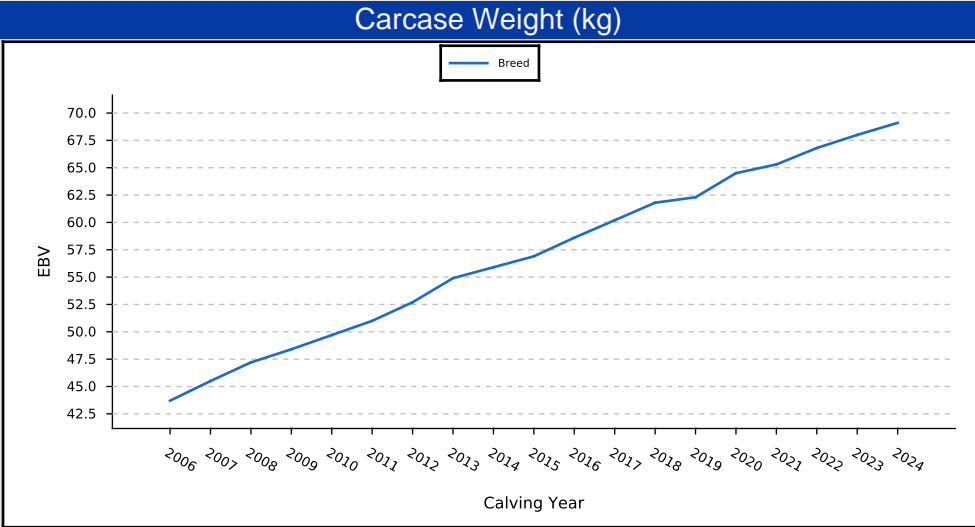
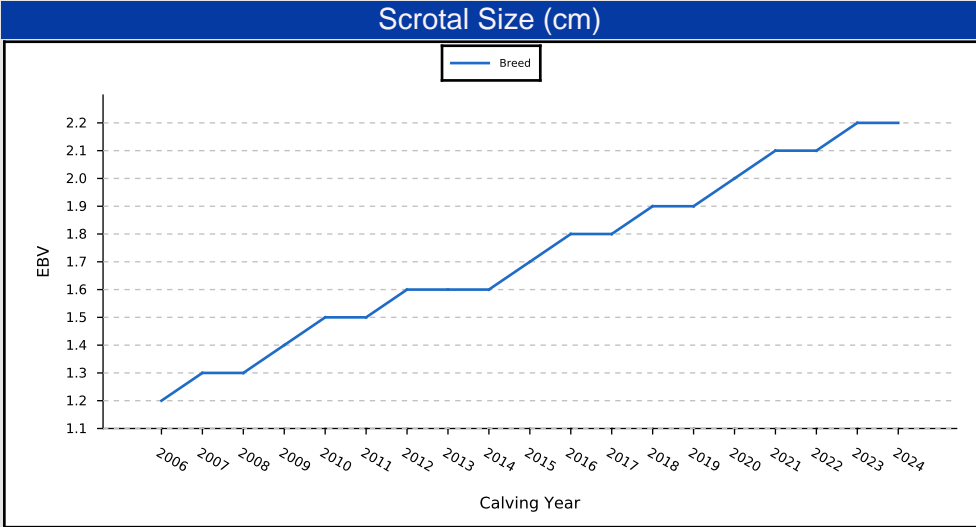
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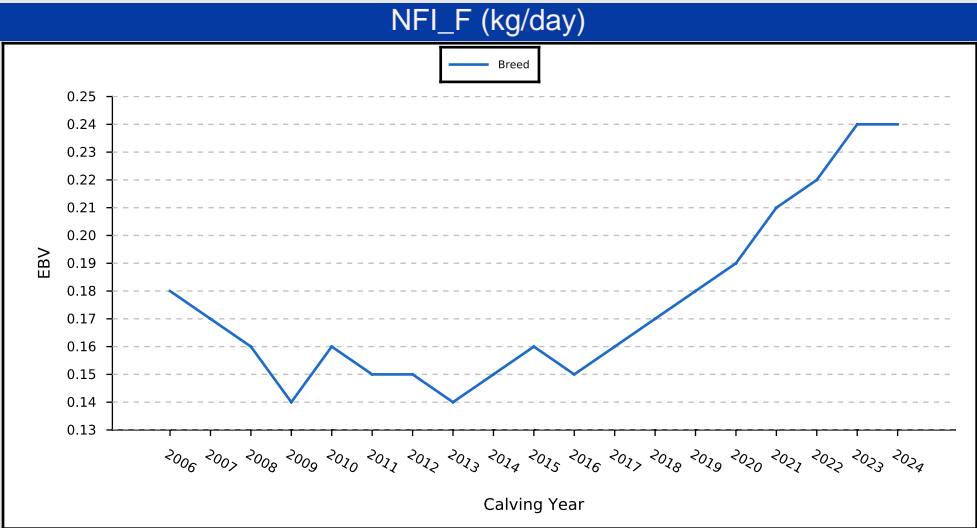
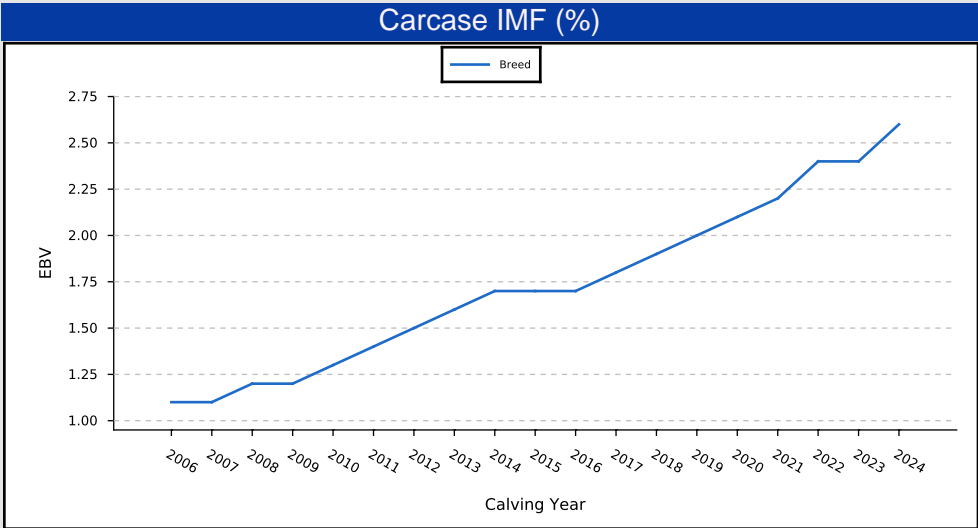
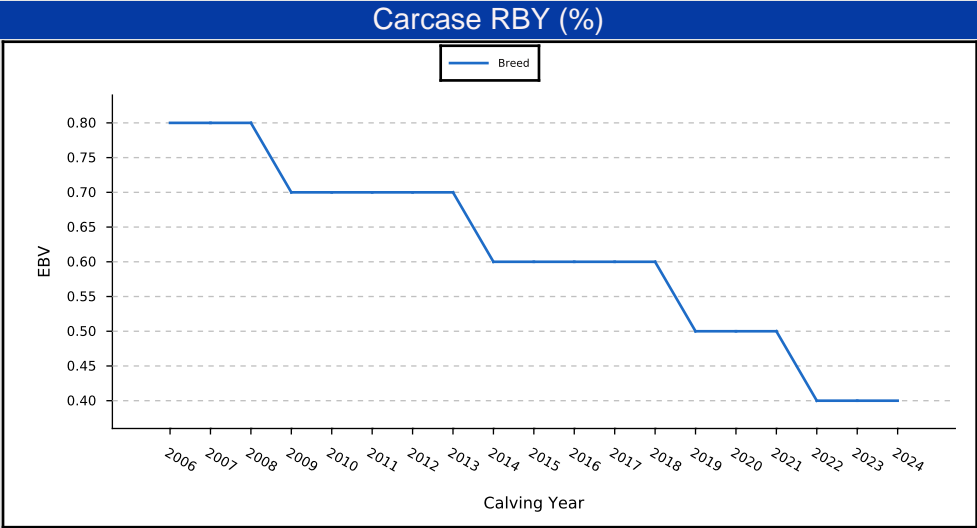
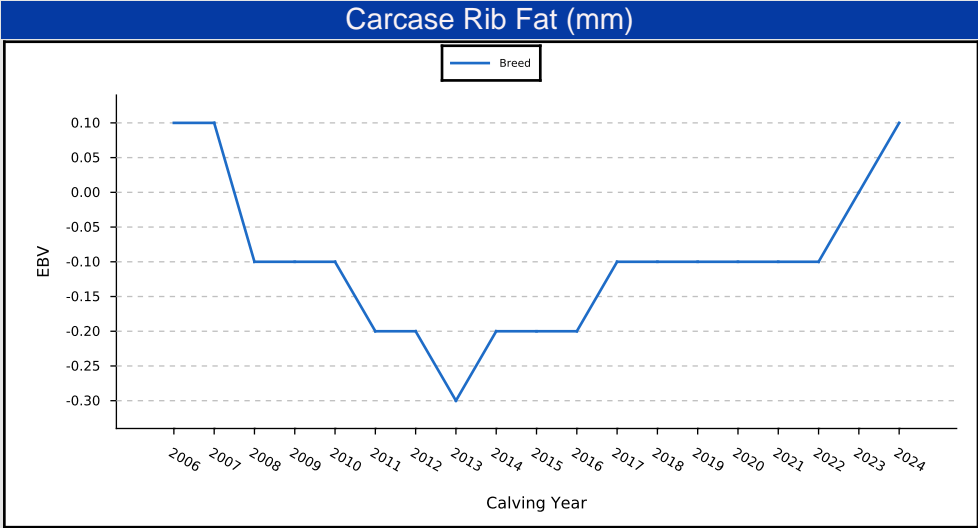
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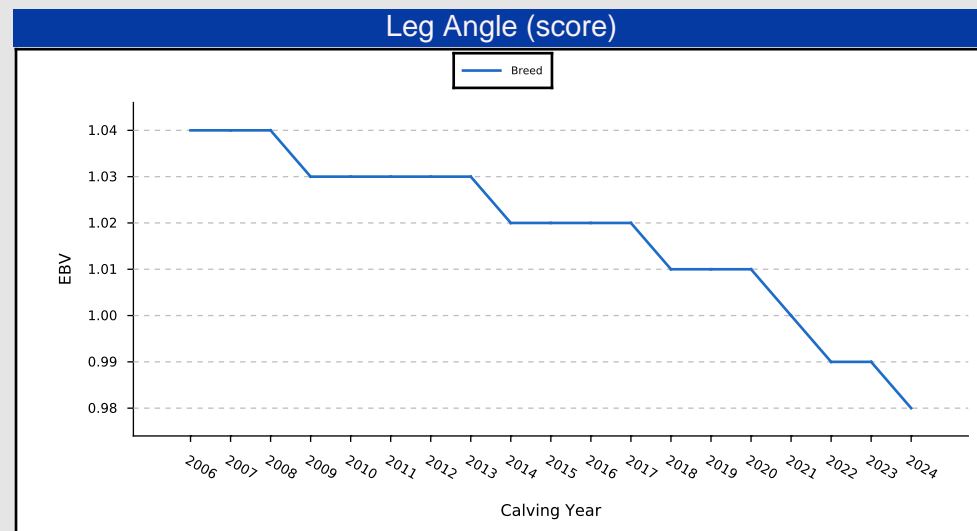
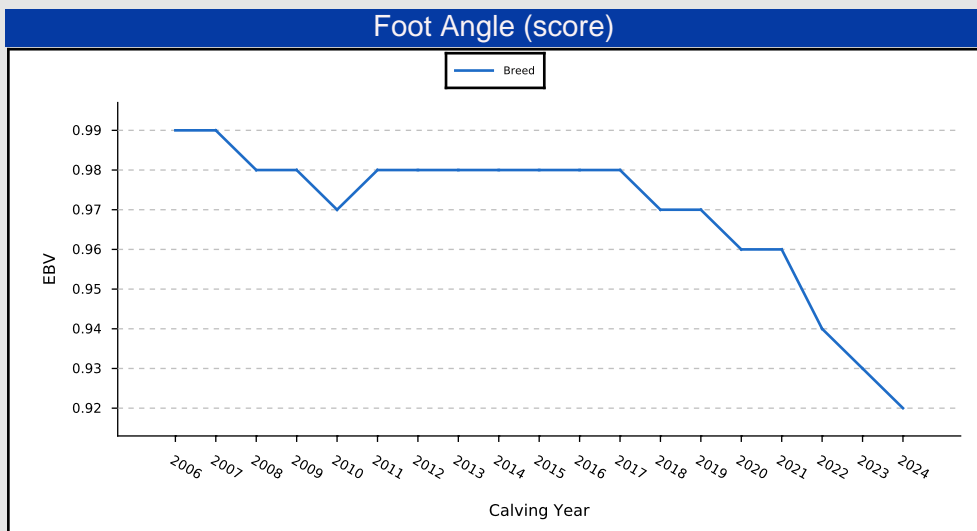
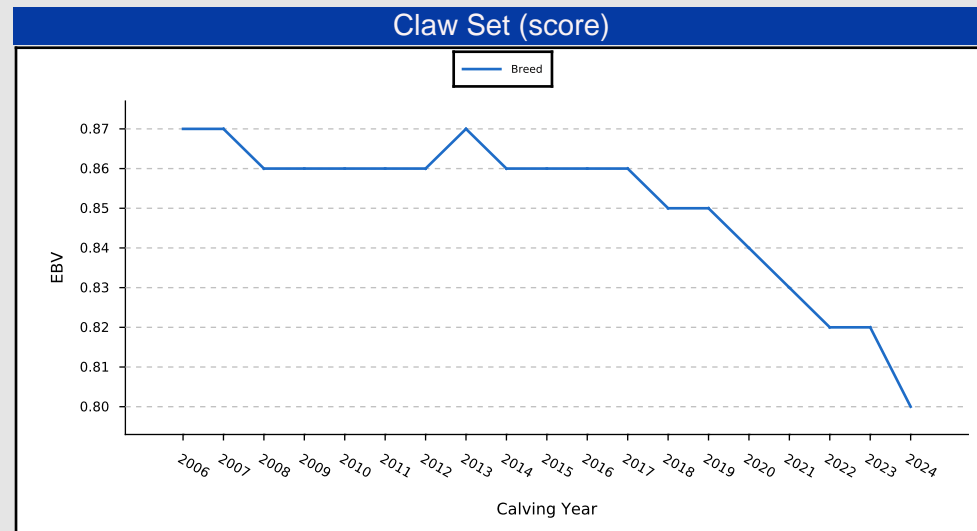
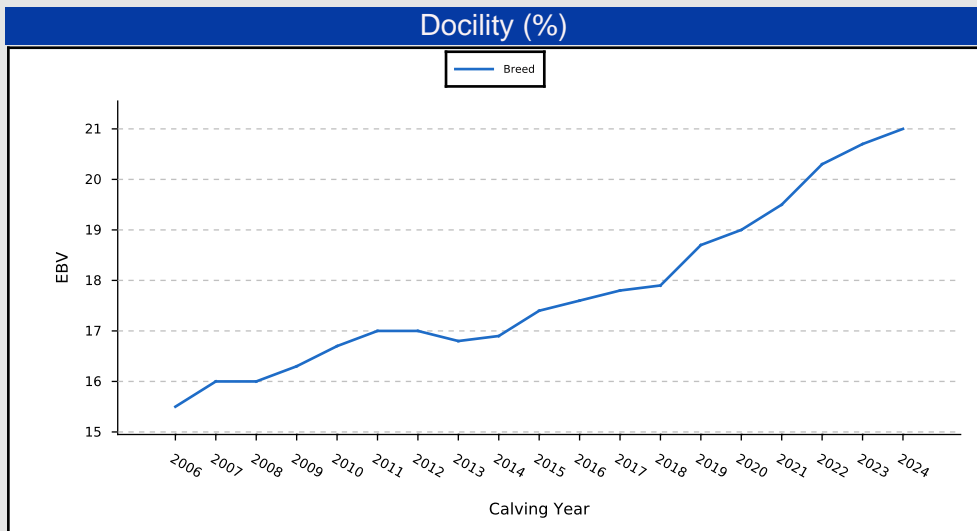
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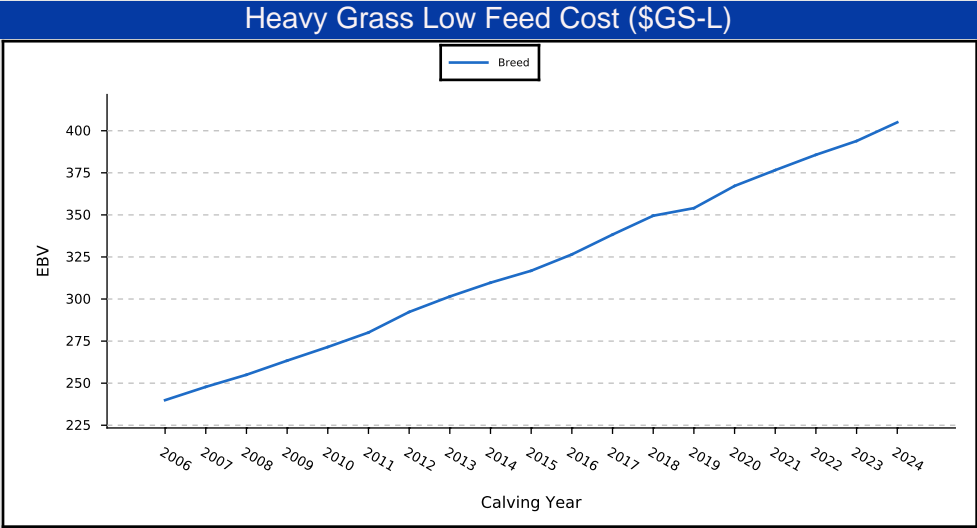
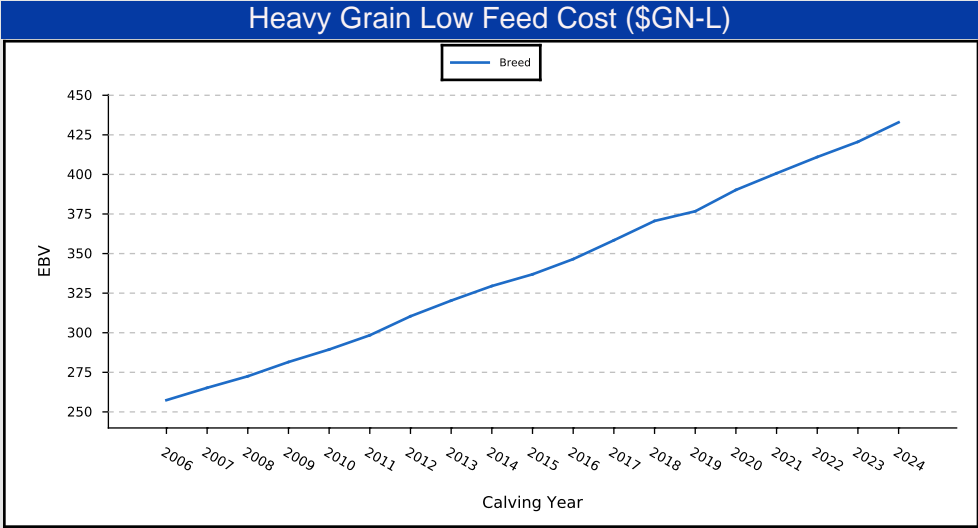
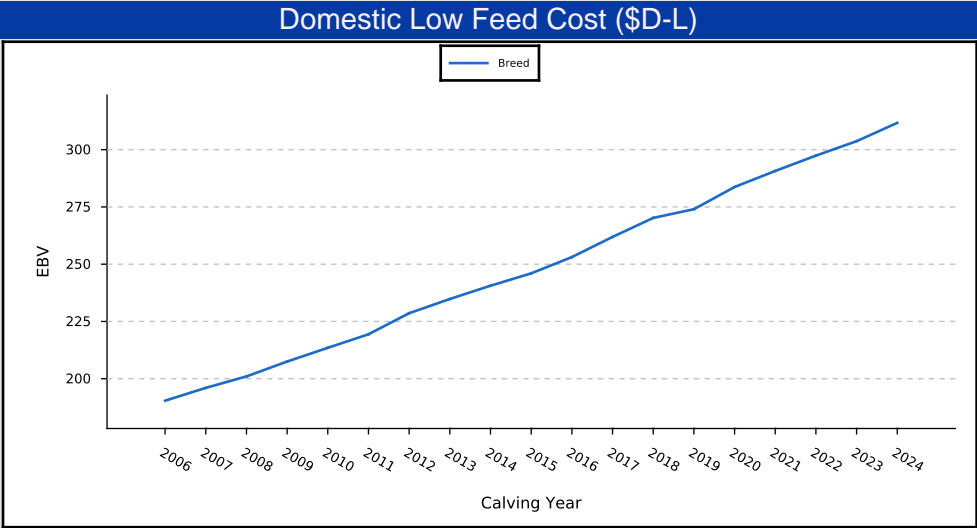
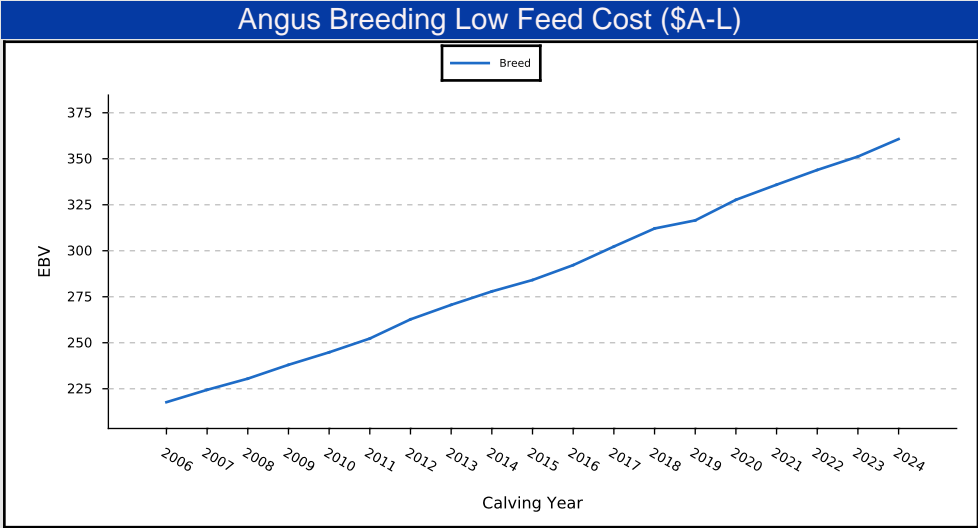
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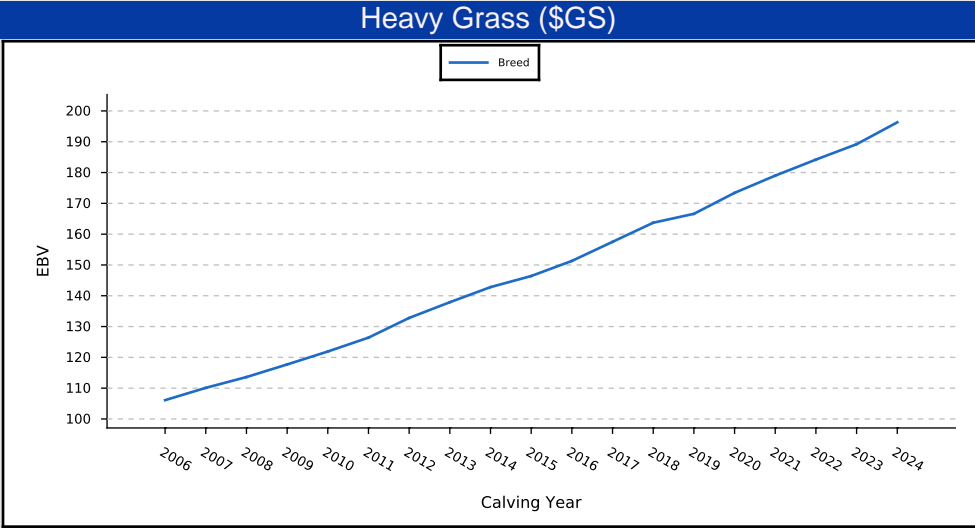
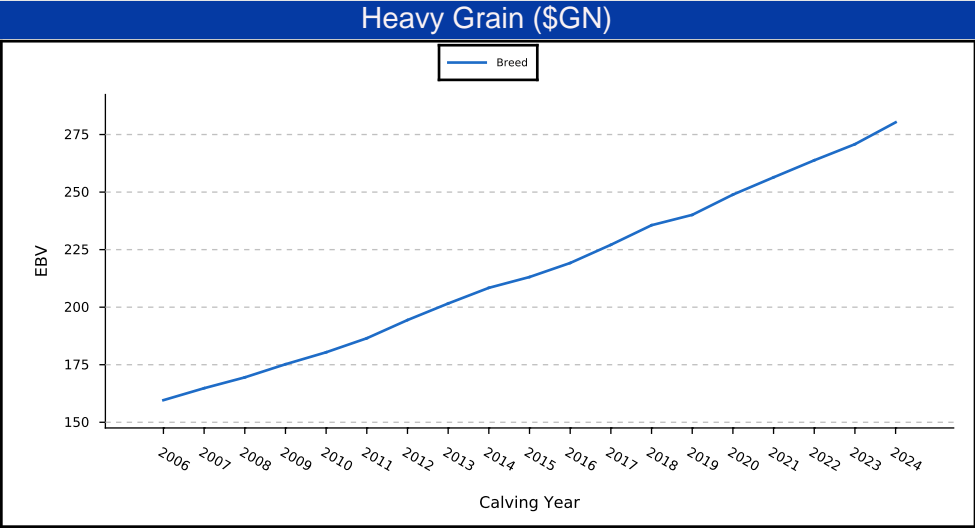
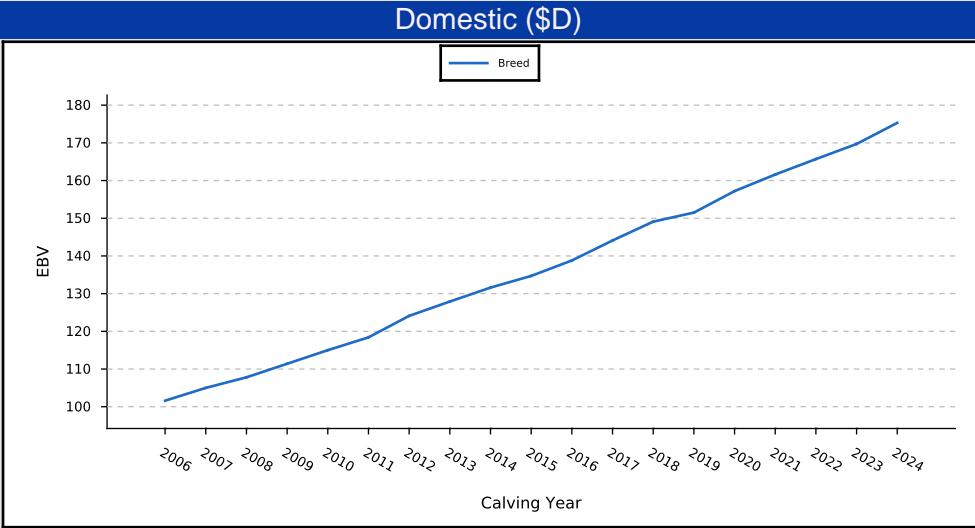
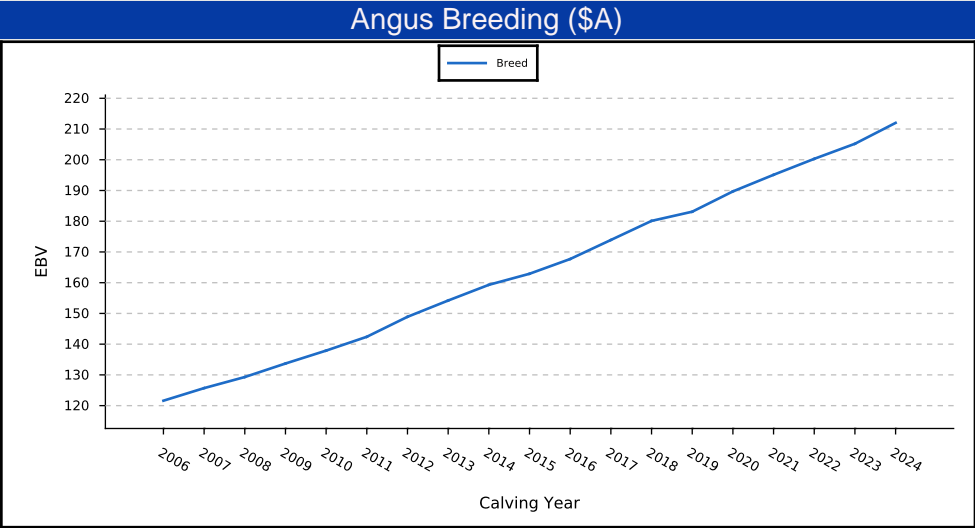
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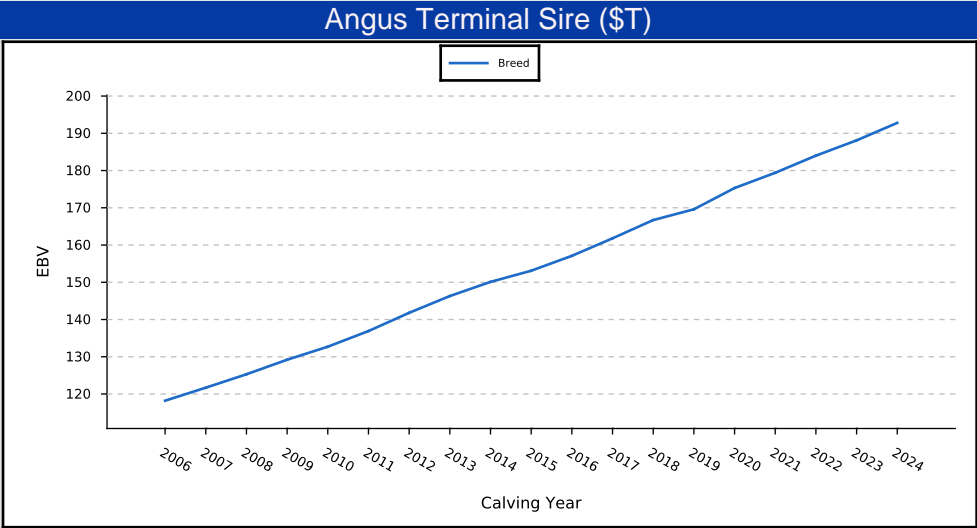
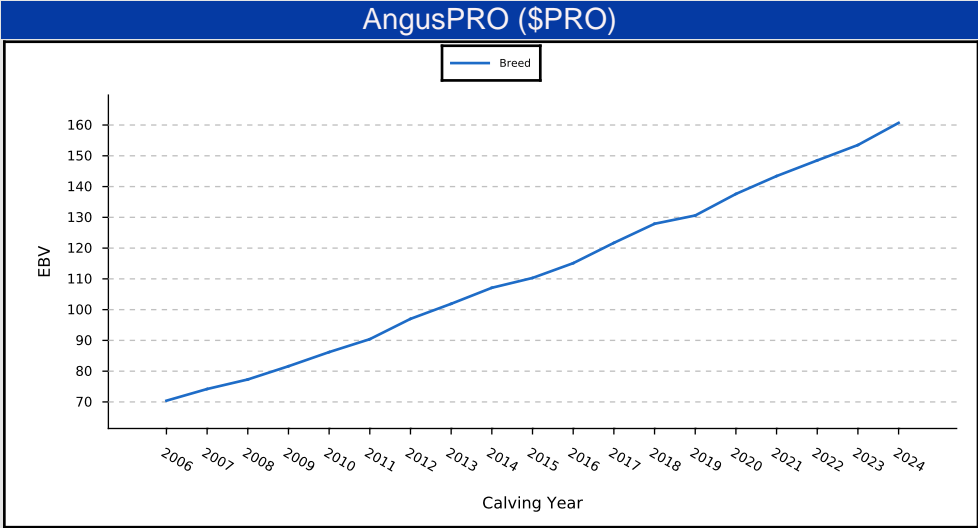


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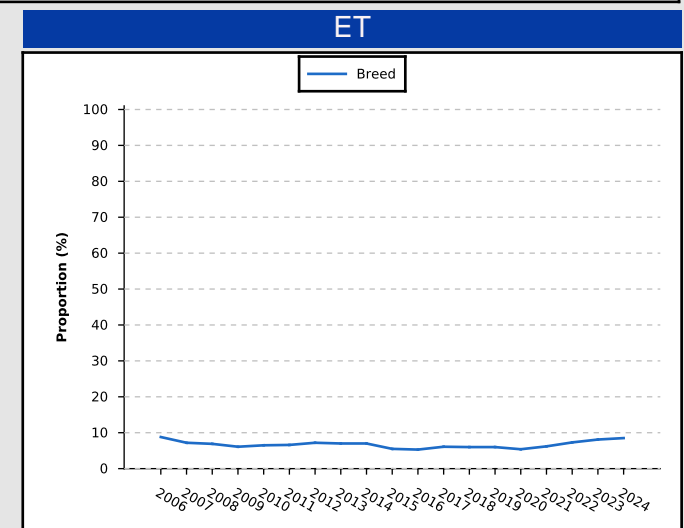
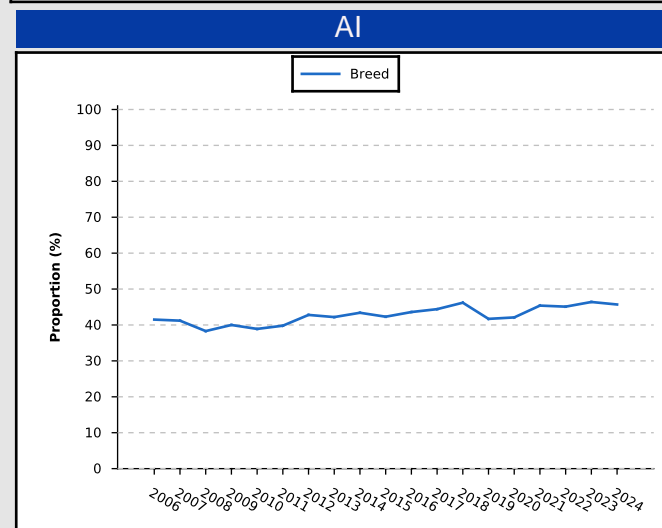
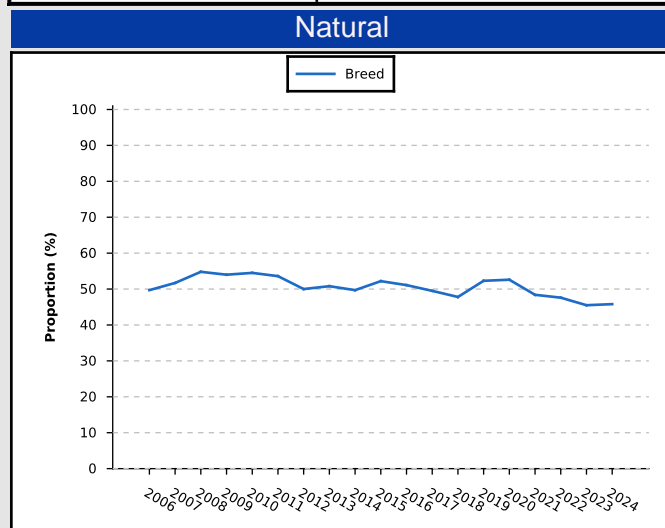
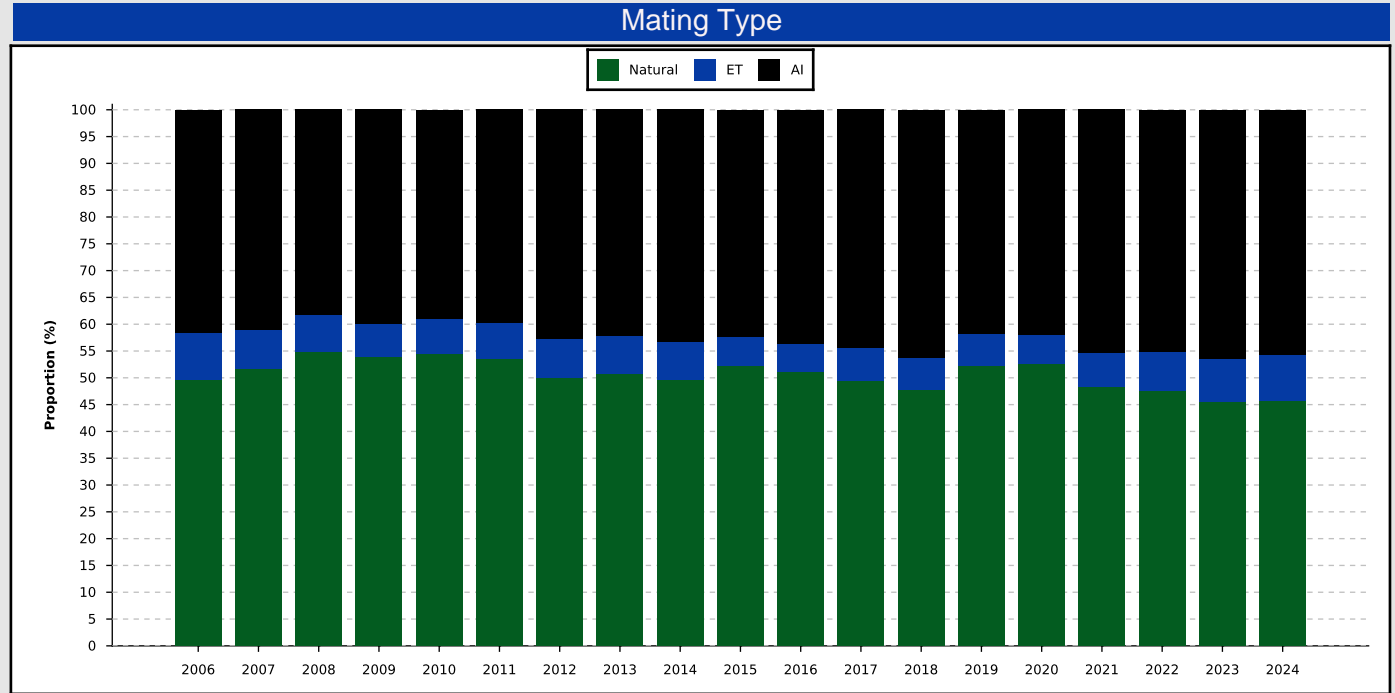


The reports below assess the change in the average EBVs of Angus seedstock animals born in each year for each respective trait.



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	66927	36108	26755	4064
2010	67605	36858	26319	4428
2011	73756	39549	29329	4878
2012	79820	39941	34165	5714
2013	82297	41772	34730	5795
2014	81082	40278	35156	5648
2015	81890	42709	34661	4520
2016	82962	42374	36177	4411
2017	86579	42863	38427	5289
2018	87470	41808	40441	5221
2019	87350	45716	36414	5220
2020	84960	44662	35749	4549
2021	97819	47299	44436	6084
2022	107651	51246	48521	7884
2023	110391	50229	51215	8947
2024	109346	50084	49978	9284



# Generation Length

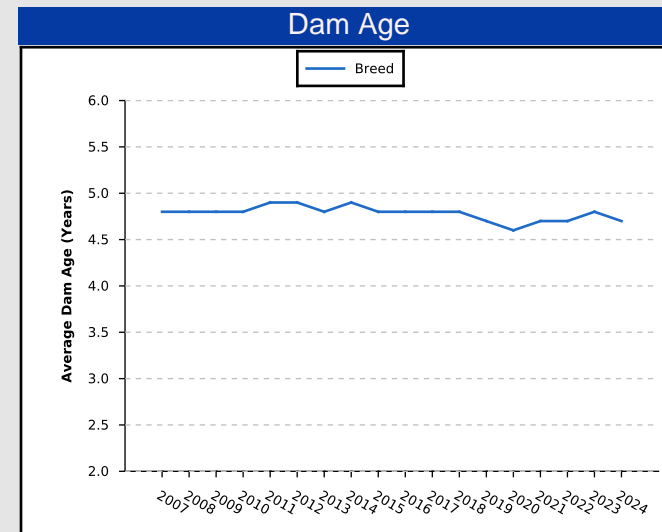
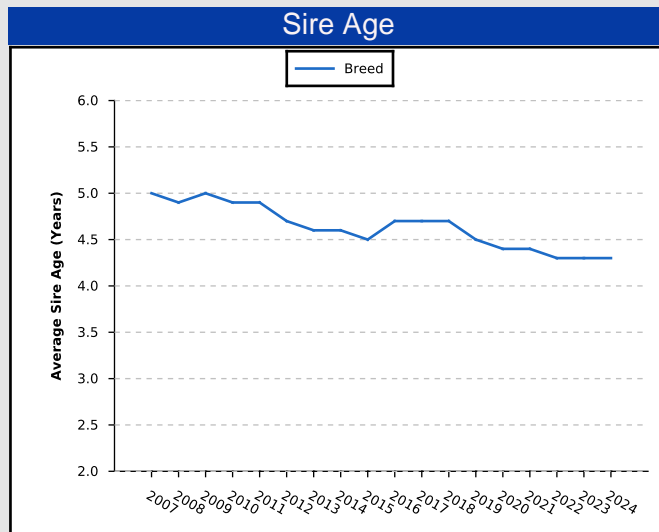
## Average Sire and Dam Age By Year

Date: May 1, 2026

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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	63174	5.0	3.7	6.5	7.9	4.8	4.7	4.5	6.9
2010	63672	4.9	3.7	6.1	7.6	4.8	4.8	4.5	6.5
2011	69921	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	77647	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	78270	4.5	3.7	5.3	6.7	4.8	4.8	4.5	6.9
2016	78955	4.7	3.8	5.5	6.7	4.8	4.9	4.5	6.8
2017	81632	4.7	3.8	5.5	6.6	4.8	4.8	4.5	6.8
2018	82773	4.7	3.7	5.5	6.5	4.8	4.8	4.4	6.9
2019	82884	4.5	3.6	5.3	6.8	4.7	4.7	4.4	6.5
2020	81361	4.4	3.6	5.2	5.9	4.6	4.7	4.3	6.8
2021	92968	4.4	3.5	5.2	6.5	4.7	4.7	4.3	6.9
2022	101043	4.3	3.5	4.9	5.8	4.7	4.7	4.3	6.8
2023	102984	4.3	3.5	4.8	5.8	4.8	4.7	4.4	6.9
2024	100713	4.3	3.5	4.9	5.6	4.7	4.6	4.3	6.6



# Genetic Diversity

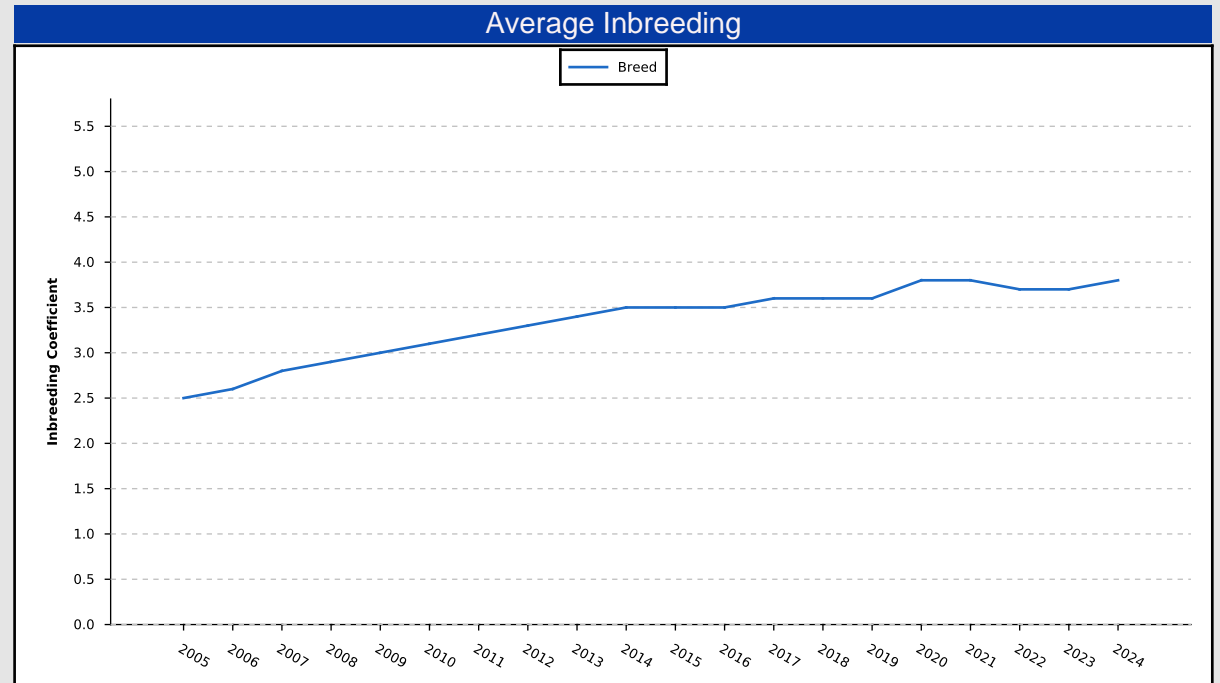
## Average Inbreeding By Year

Date: May 1, 2026

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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	63174		3.0
2010	63672		3.1
2011	69921		3.2
2012	75262		3.3
2013	77647		3.4
2014	76481		3.5
2015	78270		3.5
2016	78955		3.5
2017	81632		3.6
2018	82773		3.6
2019	82884		3.6
2020	81361		3.8
2021	92968		3.8
2022	101043		3.7
2023	102984		3.7
2024	100713		3.8



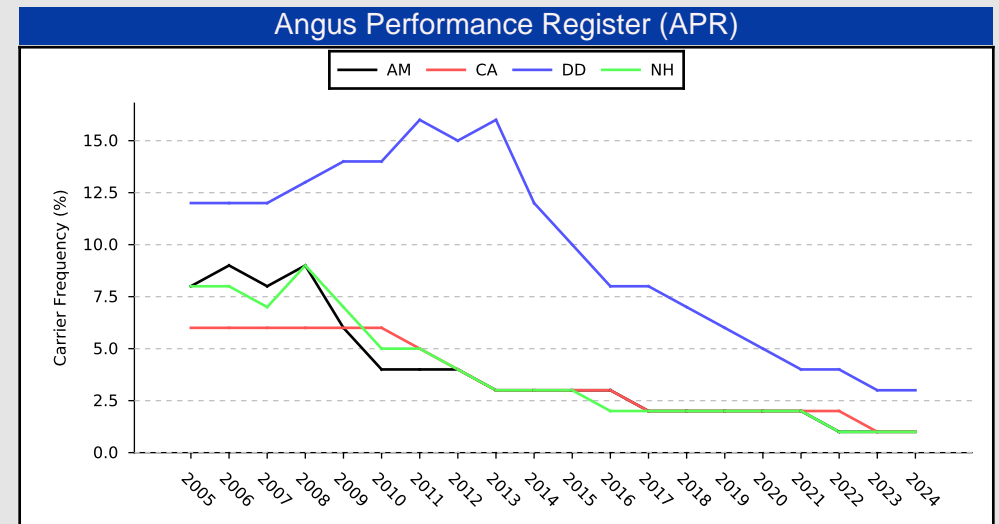
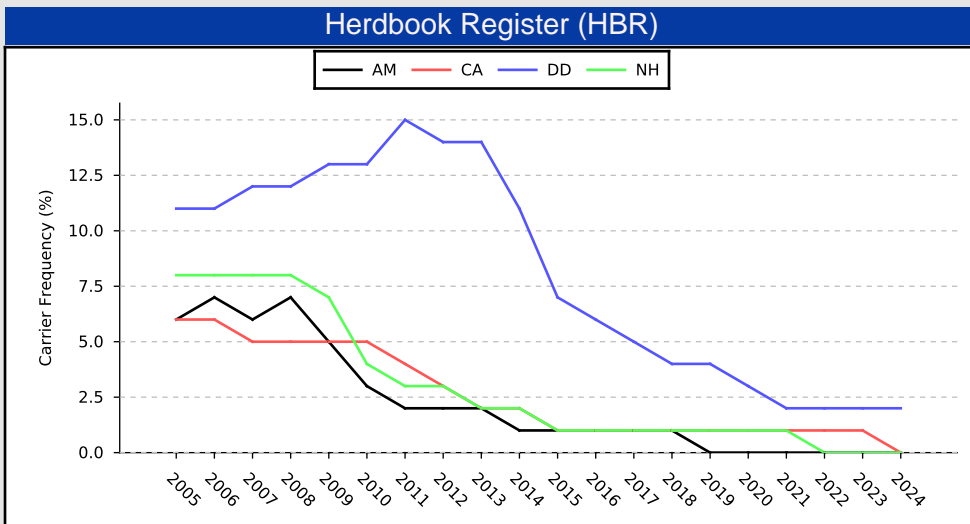
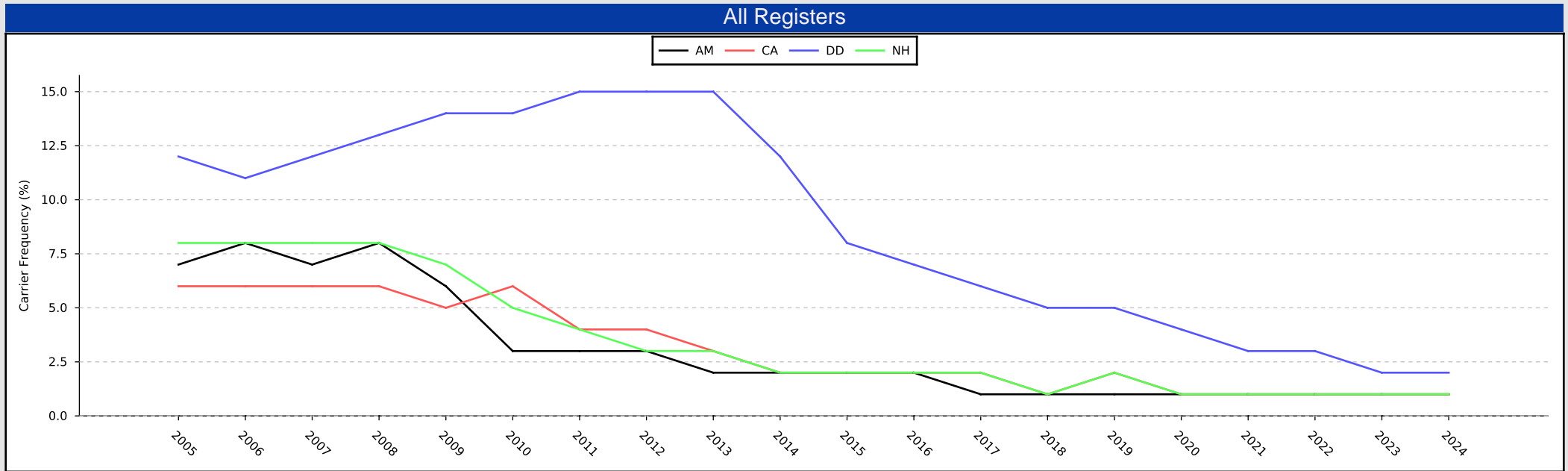
# Genetic Conditions

## Carrier Frequency By Register

Date: May 1, 2026

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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: May 1, 2026

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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	+0.24	+7.9	+13	+1.2	-3.3	+44	+3.2	+0.1	+0.3	+0.8	+1.1	+0.18	+16	+0.87	+0.99	+1.04	+122	+102	+160	+106	+218	+190	+257	+240	+70	+118
2007	62775	-0.2	-0.1	-2.3	+4.3	+35	+64	+83	+74	+0.24	+8.0	+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	+8.1	+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	63174	-0.1	+0.2	-2.5	+4.3	+37	+68	+88	+78	+0.25	+8.1	+14	+1.4	-3.5	+48	+3.5	-0.1	+0.0	+0.7	+1.2	+0.14	+16	+0.86	+0.98	+1.03	+134	+111	+175	+118	+238	+208	+282	+263	+82	+129
2010	63672	-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	69921	+0.0	+0.2	-2.6	+4.4	+39	+71	+93	+82	+0.26	+8.2	+14	+1.5	-3.6	+51	+4.0	-0.2	-0.1	+0.7	+1.4	+0.15	+17	+0.86	+0.98	+1.03	+142	+118	+187	+126	+252	+219	+298	+280	+90	+137
2012	75262	+0.0	+0.2	-2.7	+4.4	+41	+74	+96	+85	+0.26	+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	+194	+133	+263	+229	+310	+292	+97	+142
2013	77647	+0.1	+0.2	-2.9	+4.4	+42	+75	+98	+87	+0.26	+8.3	+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	+8.2	+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	+330	+310	+107	+150
2015	78270	+0.4	+0.7	-3.2	+4.3	+43	+78	+102	+89	+0.27	+8.2	+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	78955	+0.5	+0.9	-3.4	+4.3	+44	+80	+105	+91	+0.27	+8.2	+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	+347	+327	+115	+157
2017	81632	+0.8	+1.2	-3.5	+4.3	+46	+82	+107	+94	+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	+158	+302	+262	+358	+338	+122	+162
2018	82773	+1.1	+1.6	-3.7	+4.2	+47	+84	+110	+95	+0.28	+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	+236	+164	+312	+270	+371	+350	+128	+167
2019	82884	+1.3	+2.0	-3.8	+4.2	+47	+85	+111	+96	+0.28	+8.2	+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	+152	+240	+167	+317	+274	+377	+354	+131	+170
2020	81361	+1.5	+2.1	-4.0	+4.1	+49	+88	+114	+99	+0.29	+8.2	+16	+2.0	-4.7	+65	+5.9	-0.1	-0.4	+0.5	+2.1	+0.19	+19	+0.84	+0.96	+1.01	+190	+157	+249	+173	+328	+284	+390	+367	+138	+175
2021	92968	+1.7	+2.5	-4.2	+4.0	+50	+89	+116	+100	+0.29	+8.1	+17	+2.1	-4.8	+65	+6.1	-0.1	-0.3	+0.5	+2.2	+0.21	+20	+0.83	+0.96	+1.00	+195	+162	+256	+179	+336	+291	+401	+377	+143	+179
2022	10104	+1.9	+2.7	-4.3	+4.0	+51	+91	+118	+101	+0.29	+8.1	+17	+2.1	-4.8	+67	+6.4	-0.1	-0.3	+0.4	+2.4	+0.22	+20	+0.82	+0.94	+0.99	+200	+166	+264	+184	+344	+297	+411	+386	+149	+184
2023	10298	+2.1	+2.9	-4.5	+3.9	+52	+93	+120	+102	+0.29	+8.0	+17	+2.2	-4.9	+68	+6.5	+0.0	-0.3	+0.4	+2.4	+0.24	+21	+0.82	+0.93	+0.99	+205	+170	+271	+189	+351	+304	+421	+394	+154	+188
2024	10071	+2.5	+3.2	-4.6	+3.8	+52	+94	+121	+103	+0.30	+7.8	+18	+2.2	-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



For further information, please contact staff at Angus Australia:  
P: 02 6773 4600 | E [office@angusaustralia.com.au](mailto:office@angusaustralia.com.au)

[www.angusaustralia.com.au](http://www.angusaustralia.com.au)



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