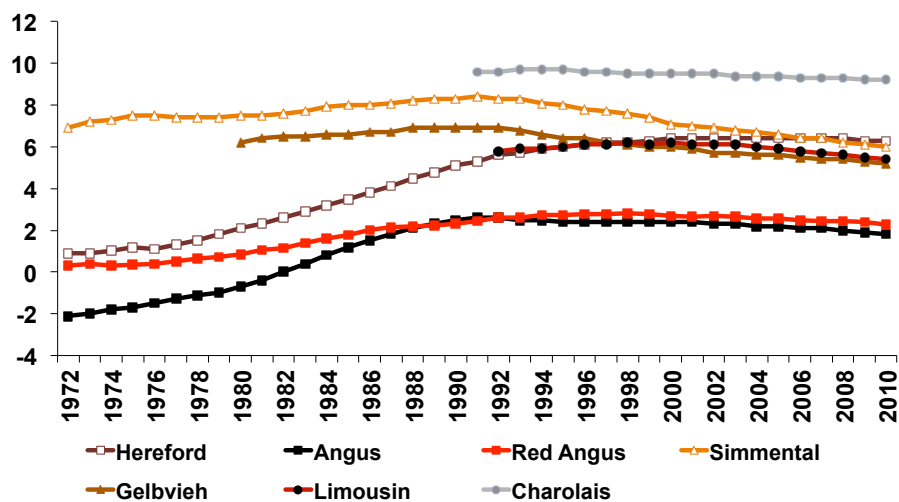
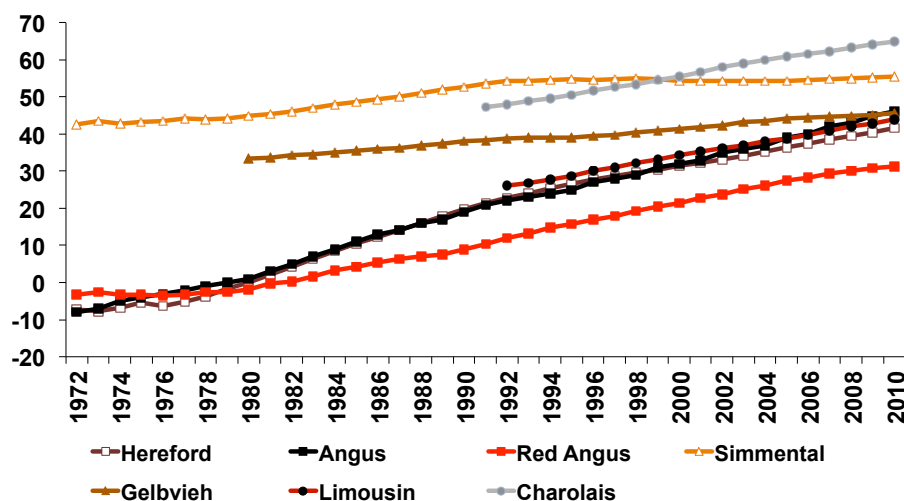


Genetic Trends for Birth Weight, lb

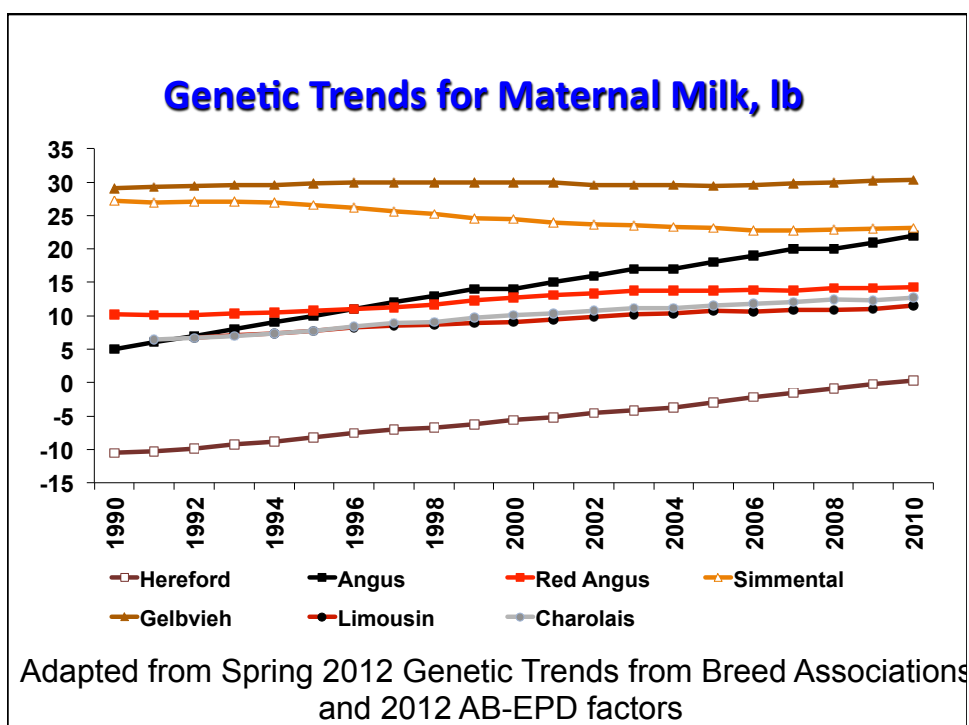
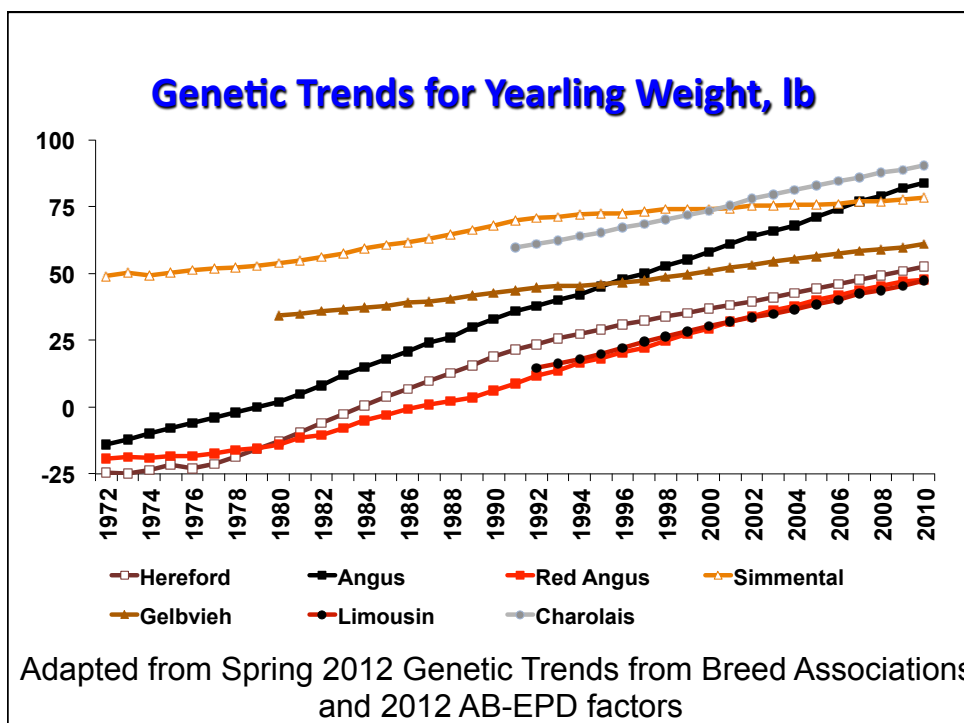


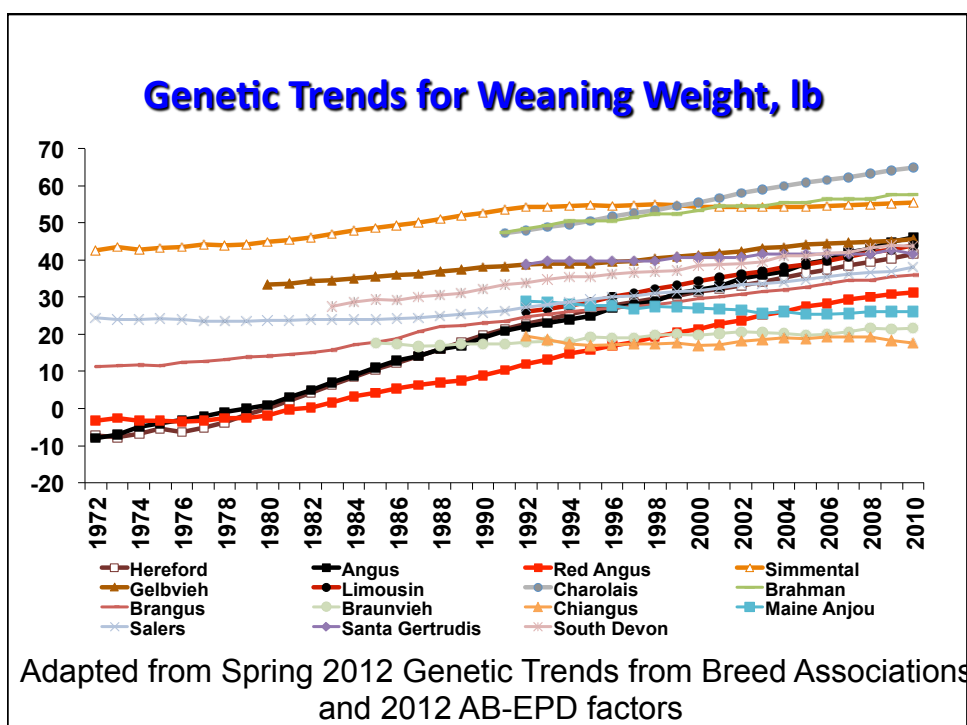
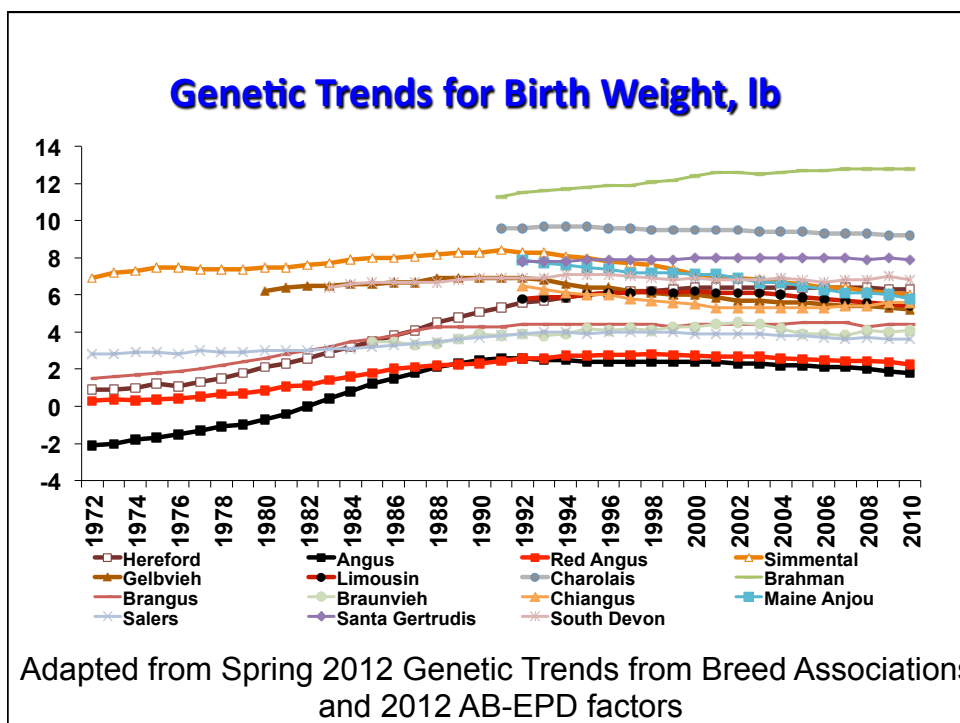
Adapted from Spring 2012 Genetic Trends from Breed Associations and 2012 AB-EPD factors

Genetic Trends for Weaning Weight, lb



Adapted from Spring 2012 Genetic Trends from Breed Associations and 2012 AB-EPD factors





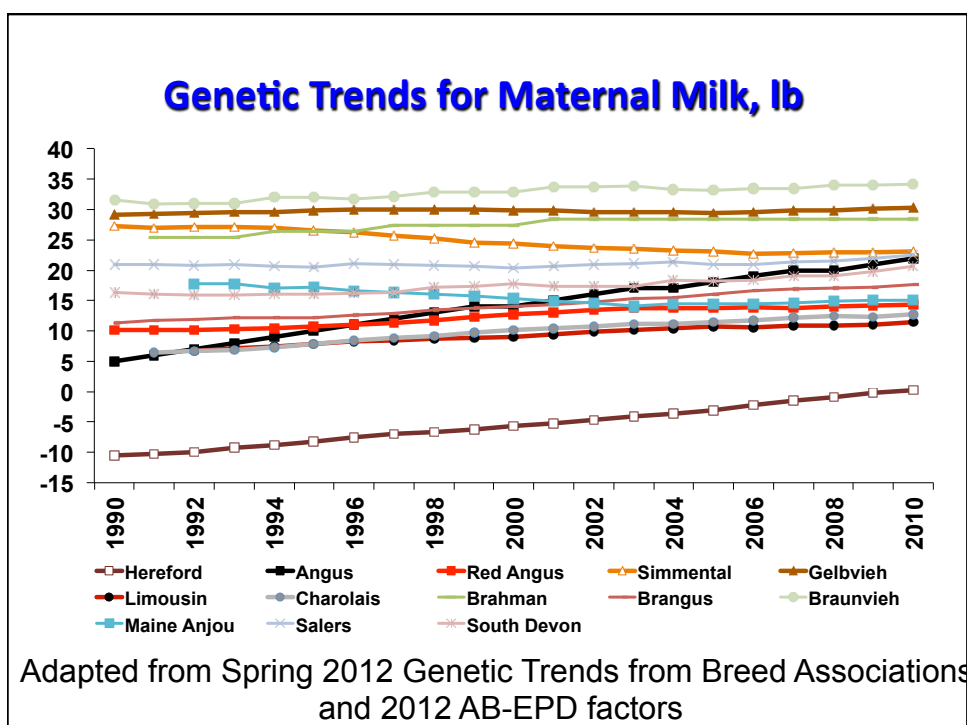
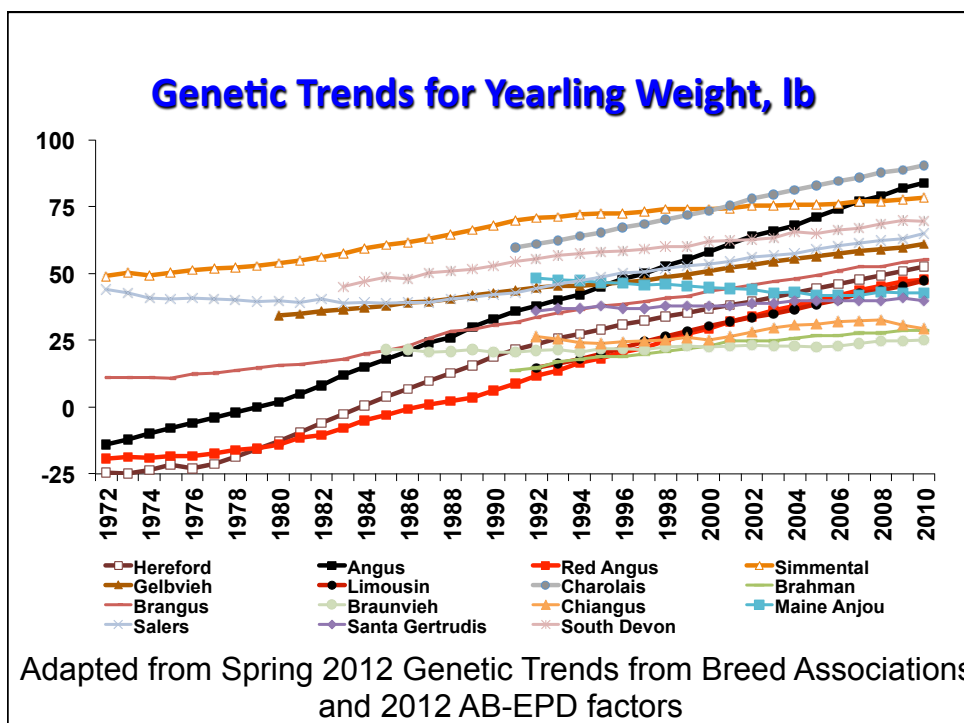


TABLE 1: ADJUSTMENT FACTORS TO ADD TO EPDs OF EIGHTEEN
DIFFERENT BREEDS TO ESTIMATE ACROSS BREED EPDs

Breed	Birth Wt.	Weaning Wt.	Yearling Wt.	Maternal Milk	Marbling Score ^a	Ribeye Area	Fat Thickness
Angus	0.0	0.0	0.0	0.0	0.00	0.00	0.000
Hereford	2.7	-2.8	-20.1	-16.7	-0.34	-0.11	-0.053
Red Angus	2.4	-0.6	-12.0	-3.1	0.03	-0.10	-0.034
Shorthorn	6.0	15.7	39.4	17.9	-0.14	0.17	-0.148
South Devon	4.2	3.2	-6.3	-2.3	0.05	0.15	-0.111
Beefmaster	6.7	35.3	32.5	7.8			
Brahman	11.1	42.5	4.8	22.4			
Brangus	3.7	13.0	13.5	6.8			
Santa Gertrudis	7.4	37.7	33.9		-0.67	-0.19	-0.115
Braunvieh	1.2	-19.2	-38.5	-0.4	-0.67	0.23	-0.095
Charolais	8.6	40.1	46.8	5.7	-0.46	0.92	-0.222
Chiangus	3.3	-14.9	-31.3		-0.42	0.40	-0.157
Gelbvieh	4.0	5.7	-13.5	13.6			
Limousin	3.8	-0.9	-34.7	-9.2	-0.70	1.07	
Maine-Anjou	4.1	-13.0	-34.5	-4.7	-0.79	0.88	-0.210
Salers	1.8	-3.1	-14.3	2.4	-0.11	0.75	-0.210
Simmental	5.2	24.9	22.4	19.8	-0.55	0.92	-0.215
Tarentaise	1.7	33.1	21.2	23.4			

^aMarbling score units: 4.00 = SI^{00} ; 5.00 = Sm^{00}

TABLE 2: BREED OF SIRE MEANS FOR 2010 BORN ANIMALS
UNDER CONDITIONS SIMILAR TO USMARC

Breed	Birth Wt.	Weaning Wt.	Yearling Wt.	Maternal Milk	Marbling Score ^a	Ribeye Area	Fat Thickness
Angus	89.8	582.0	1036.8	570.2	5.92	12.96	0.587
Hereford	94.3	576.2	1004.6	548.5	5.19	12.77	0.526
Red Angus	90.3	566.3	999.4	562.5	5.59	12.60	0.544
Shorthorn	96.3	565.7	1015.6	568.3	5.34	12.86	0.418
South Devon	94.8	578.7	1021.3	568.8	5.84	12.99	0.477
Beefmaster	95.0	578.3	997.3	558.0			
Brahman	100.8	592.2	980.0	576.9			
Brangus	92.4	571.0	1006.9	565.8			
Santa Gertrudis	96.0	577.7	992.7		4.82	12.46	0.463
Braunvieh	92.1	556.7	976.7	582.3	5.23	13.59	0.391
Charolais	97.2	599.3	1041.2	560.7	5.05	13.76	0.356
Chiangus	93.2	556.9	989.1		5.32	13.06	0.445
Gelbvieh	93.3	580.8	1012.7	578.5			
Limousin	93.3	579.5	1000.0	559.1	4.75	14.24	
Maine-Anjou	93.8	561.4	995.3	563.2	4.92	13.67	0.371
Salers	91.6	573.2	1016.8	570.7	5.58	13.40	0.368
Simmental	93.9	590.7	1030.5	571.4	5.11	13.75	0.375
Tarentaise	91.6	584.1	1001.6	572.2			

^aMarbling score units: 4.00 = SI^{00} ; 5.00 = Sm^{00}