

Mean EPDs Reported by Different Breeds

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The mean non-parent EPDs are shown for growth traits in Table 1 for 17 different breeds. The mean EPDs for certain carcass traits are shown in Table 2 for 10 breeds. The mean EPDs for reproduction and certain other traits are shown in Table 3 for 10 breeds. Mean non-parent EPDs are useful only for making comparison within breeds. They can

not be used to compare different breeds because EPDs are estimated from separate analyses for each breed. These estimates are from the most current genetic evaluation conducted by each breed. They are presented here primarily to show the traits included in genetic evaluations of various breeds.

Table 1. 2002 non-parent average EPDs from 2004 evaluations.

Breed	Birth wt.	Weaning wt.	Yearling wt.	Milk
Angus	2.6	35	65	17
Hereford	3.8	35	60	13
Red Angus	0.5	28.0	48.0	14.0
Shorthorn	1.8	13.0	20.0	2.0
S. Devon	0.0	17.1	23.5	6.2
Brahman	2.1	16.1	26.3	7.4
Limousin	2.39	33.83	63.46	17.72
Simmental	1.9	33.6	57.8	5.6
Charolais	1.5	18.2	32.0	5.7
Gelbvieh	.97	36.4	68.9	17.3
Maine Anjou	2.5	15.9	31.1	3.5
Salers	1.1	12.0	19.0	8.0
Tarentaise	2.2	12.0	23.0	1.5
Pinzgauer	-.1	0.6	0.7	-1.0
Braunvieh	1.089	6.56	6.96	-.39
Beefmaster	.35	6.0	11.1	2.0
Brangus	1.99	20.94	33.54	9.01

Table 2. 2002 non-parent average EPDs for carcass or body composition traits from 2004 evaluations.

Breed	Carcass weight	BF thickness	Ribeye area	Marbling	% retail product	Ultra-sound IMF %	Ultra-sound ribeye area	Ultra-sound BF thickness	Ultra-sound % retail product
Angus	4	.001	.12	.11	.07	.02	.08	.002	.01
Hereford						.00	.05	.00	
Red Angus		.03	.6	.6					
Shorthorn		0.00	-.02	-.03	0.00				
Limousin	14.19	.01	.10	-.01					
Simmental	.02	.01	.06	.08	.01				
Charolais	.17	.00	.04	.01					
Gelbvieh	1	-.02	.07	.02					
Maine Anjou	-4.4	.00	-.04	.05	0.0				
Salers	15.3	.00	.00	.1	0.0				

Table 3. Non-parent EPDs for other traits from 2004 evaluation.

Breed	Scrotal circumference	Calving ease direct	Calving ease maternal	Stayability	Docility	Mature weight	Mature height
Angus	.23					4	.8
Hereford	.6	-.5	.4				
Red Angus		4	4				
S. Devon	.1						
Limousin	.18	5.17	3.39	15.5	11.67		
Simmental		5.8	2.4			.2	.03
Charolais	.52						
Gelbvieh	.4	103	104	4			
Salers	.1			0.0	5.6	14	
Beefmaster	.06						