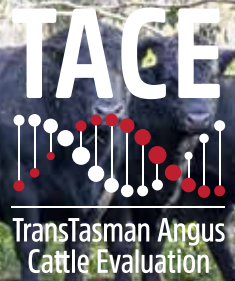


# TACE EBV Standard Error Table



The EBV Standard Error table provides an indication of the possible change in EBVs for each trait as more information becomes available.

The table displays one standard error either side of an EBV at differing levels of accuracy, meaning that statistically, there is a 67% chance that the true breeding value for the animal will be within this range.

Another way of looking at this is to consider that as more performance information is added for the animal, the animal's true EBV would be expected to fall within the EBV range displayed in the table on 7 out of 10 occasions.

Of course, as the current EBV for the animal takes into account all the pedigree, performance and genomic information that is available at the current point in time, the EBV is also the most reliable indication available of the animal's breeding value for each trait at the current point in time, irrespective of accuracy.

Trait	Units	Accuracy														
		30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	99%
Gestation Length	days	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.7	2.6	2.4	2.2	1.9	1.6	1.1	0.5
Birth Wt.	kg	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.0	0.7	0.3
200 Day Wt.	kg	8.2	8.1	7.9	7.7	7.5	7.2	6.9	6.5	6.1	5.7	5.2	4.5	3.8	2.7	1.2
400 Day Wt.	kg	13.7	13.4	13.1	12.8	12.4	12.0	11.5	10.9	10.2	9.5	8.6	7.5	6.2	4.5	2.0
600 Day Wt.	kg	20.7	20.5	20.0	19.5	18.9	18.2	17.5	16.6	15.6	14.4	13.1	11.5	9.5	6.8	3.1
Mature Cow Wt.	kg	27.8	27.3	26.7	26.0	25.2	24.3	23.3	22.1	20.8	19.3	17.5	15.3	12.7	9.1	4.1
Milk	kg	7.5	7.3	7.2	7.0	6.8	6.5	6.3	5.9	5.6	5.2	4.7	4.1	3.4	2.4	1.1
Scotal Size	cm	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.6	0.4	0.2
Days to Calving	days	5.9	5.8	5.7	5.5	5.4	5.2	5.0	4.7	4.4	4.1	3.7	3.3	2.7	1.9	0.9
Carcase Weight	kg	15.4	15.2	14.8	14.4	14.0	13.5	12.9	12.3	11.6	10.7	9.7	8.5	7.1	5.1	2.3
Rib Fat	mm	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.0	0.7	0.3
Rump Fat	mm	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.1	0.8	0.4
Eye Muscle Area	cm <sup>2</sup>	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.5	2.3	2.1	1.8	1.5	1.1	0.5
Retail Beef Yield	%	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.7	0.5	0.2
Intramuscular Fat	%	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.2
NFI (Feedlot)	kg/day	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.1

For example, an Intramuscular Fat (IMF) EBV with 50% accuracy has a standard error of +/- 1.0. If an animal's IMF EBV was +2.0, the animal's true breeding value would fall between +1.0 to +3.0 on 7 out of 10 occasions.

