

CATTLE FRAME SCORES: HIP HEIGHT (inches) AGE (months)

The following equation is used to determine the frame score of young bulls from 5 to 21 months of age:

$$\text{Bull Frame Score} = [-11.548] + (0.4878 \times \text{Ht.}) - (0.0289 \times \text{Age}) + (0.00001947 \times \text{Age} \times \text{Age}) + (0.0000334 \times \text{Ht.} \times \text{Age}), \text{ where Age} = \text{days of age.}$$

Heights below are general numbers to determine Frame Scores: Many external factors affect height / day of age.

Depending on age at castration, steers will grow a bit taller than bulls.

BULLS

micro	Miniature	small frame	standard	large
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BULLS

FRAME SCORES > ○○○○○○ ○○○○○ ○○○○ ○○○ ○○ ○ 1 2 3 4 5 6 7 8 9 10 11 < FRAME SCORES

AGE (months)	6•aught	5•aught	4•aught	triple•aught	double•aught	zero	33.5	35.5	37.5	39.5	41.5	43.5	45.5	47.8	49.8			5	AGE (months)
6	23.0	25.0	27.0	29.0	31.0	33.0	34.8	36.8	38.8	40.8	43.0	45.0	47.0	49.0	51.0			6	6
7	24.0	26.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0			7	7
8	25.0	27.0	29.0	31.0	33.0	35.0	37.3	39.3	41.3	43.3	45.3	47.3	49.3	51.3	53.3			8	8
9	26.0	28.0	30.0	32.0	34.0	36.0	38.3	40.3	42.3	44.3	46.3	48.3	50.3	52.3	54.3			9	9
10	27.0	29.0	31.0	33.0	35.0	37.0	39.3	41.3	43.3	45.3	47.3	49.3	51.3	53.3	55.3			10	10
11	28.0	30.0	32.0	34.0	36.0	38.0	40.3	42.3	44.3	46.3	48.3	50.3	52.3	54.3	56.3			11	11
12	29.0	31.0	33.0	35.0	37.0	39.0	41.0	43.0	45.0	47.0	49.0	51.0	53.0	55.0	57.0			12	12
13	29.8	31.8	33.8	35.8	37.8	39.8	41.8	43.8	45.8	47.8	49.8	51.8	53.8	55.8	57.8			13	13
14	30.5	32.5	34.5	36.5	38.5	40.5	42.5	44.5	46.5	48.5	50.5	52.5	54.5	56.5	58.5			14	14
15	31.0	33.0	35.0	37.0	39.0	41.0	43.0	45.0	47.0	50.0	51.0	53.0	55.0	57.0	59.0			15	15
16	31.5	33.5	35.5	37.5	39.5	41.5	43.5	45.5	47.5	49.5	51.5	53.5	55.5	57.5	59.5			16	16
17	31.8	33.8	35.8	37.8	39.8	41.8	44.0	46.0	48.0	50.0	52.0	54.0	56.0	58.0	60.0			17	17
18	32.0	34.0	36.0	38.0	40.0	42.0	44.3	46.3	48.3	50.3	52.3	54.3	56.3	58.3	60.3			18	18
19	32.3	34.3	36.3	38.3	40.3	42.3	44.5	46.5	48.5	50.5	52.8	54.8	56.8	58.8	60.8			19	19
20	32.5	34.5	36.5	38.5	40.5	42.5	45.0	47.0	49.0	51.0	53.0	55.0	57.0	59.0	61.0			20	20
21	32.8	34.8	36.8	38.8	40.8	42.8	45.3	47.3	49.3	51.3	53.3	55.3	57.3	59.3	61.3			21	21
22	33.0	35.0	37.0	39.0	41.0	43.0	45.0	47.5	49.5	51.5	53.5	55.5	57.5	59.5	61.5			22	22
23	33.1	35.1	37.1	39.1	41.1	43.1	45.3	47.8	49.8	51.8	53.8	55.8	57.8	59.8	61.8			23	23
2 Years Old	33.3	35.3	37.3	39.3	41.3	43.3	45.5	48.0	50.0	52.3	54.0	56.0	58.0	60.0	62.0	64.0	66.0	24	2 Years Old
2 ½ Years Old	33.5	35.5	37.5	39.5	41.5	44.5	47.0	49.0	51.0	53.3	55.0	57.0	59.0	61.0	63.0	65.0	67.0	30	2 ½ Years Old
3 Years Old	35.0	37.0	39.0	41.0	43.0	45.0	48.0	50.0	51.9	53.8	55.5	57.5	59.5	61.5	63.5	65.5	67.4	36	3 Years Old
4 Years Old	36.0	38.0	40.0	42.0	44.0	46.0	48.5	50.4	52.3	54.1	55.9	58.0	60.0	62.0	64.0	66.0	68.0	48	4 Years Old

CATTLE FRAME SCORES: HIP HEIGHT (inches) AGE (months)

The following equation is used to determine the frame score of heifers from 5 to 21 months of age:

EXACT Heifer Frame Score = $[-11.7086] + (0.4723 \times \text{Ht.}) - (0.239 \times \text{Age}) + (0.000146 \times \text{Age} \times \text{Age}) + (0.000759 \times \text{Ht.} \times \text{Age})$, where Age = days of age.

Heights below are general numbers to determine Frame Scores: Many external factors affect height / day of age.

HFERS		micro	Miniature				small frame	standard	large								HFERS			
FRAME SCORES >		000000	000000	0000	000	00	0	1	2	3	4	5	6	7	8	9	10	11	< FRAME SCORES	
AGE (months)		6•aught	5•aught	4•aught	triple•aught	double•aught	zero	33.0	35.0	37.3	39.3	41.3	43.4	45.5	47.5	49.6			5	AGE (months)
6		22.5	24.5	26.5	28.5	30.5	32.5	34.0	36.3	38.2	40.3	42.3	44.4	46.5	48.5	50.6			6	
7		23.3	25.3	27.3	29.3	31.3	33.3	35.0	37.0	39.2	41.2	43.3	45.3	47.4	49.4	51.5			7	
8		24.0	26.0	28.0	30.0	32.0	34.0	36.0	38.0	40.1	42.1	44.1	46.2	48.2	50.2	52.3			8	
9		24.8	26.8	28.8	30.8	32.8	34.8	36.8	38.8	40.9	42.9	44.9	47.0	49.0	51.0	53.0			9	
10		25.5	27.5	29.5	31.5	33.5	35.5	37.5	39.5	41.5	43.5	45.5	47.7	49.7	51.7	53.8			10	
11		26.3	28.3	30.3	32.3	34.3	36.3	38.3	40.3	42.3	44.3	46.5	48.4	50.4	52.4	54.4			11	
12		27.0	29.0	31.0	33.0	35.0	37.0	39.0	41.0	43.0	45.0	47.0	49.0	51.0	53.0	55.0			12	
13		27.5	29.5	31.5	33.5	35.5	37.5	39.5	41.6	43.5	45.5	47.5	49.5	51.5	53.5	55.5			13	
14		28.3	30.3	32.3	34.3	36.3	38.3	40.0	42.0	44.0	46.0	48.0	50.0	52.0	54.0	56.0			14	
15		28.8	30.8	32.8	34.8	36.8	38.8	40.5	42.5	44.5	46.5	48.5	50.4	52.4	54.4	56.4			15	
16		29.3	31.3	33.3	35.3	37.3	39.3	41.0	43.0	45.0	47.0	49.0	50.8	52.8	54.8	56.7			16	
17		29.8	31.8	33.8	35.8	37.8	39.8	41.5	43.3	45.3	47.3	49.3	51.1	53.1	55.1	57.0			17	
18		30.0	32.0	34.0	36.0	38.0	40.0	41.8	43.5	45.5	47.5	49.5	51.4	53.4	55.3	57.2			18	
19		30.3	32.3	34.3	36.3	38.3	40.3	42.0	43.8	45.8	47.8	49.8	51.6	53.6	55.5	57.4			19	
20		30.3	32.3	34.3	36.3	38.3	40.5	42.1	44.1	46.0	47.9	49.8	51.8	53.7	55.6	57.6			20	
21		30.8	32.8	34.8	36.8	38.8	40.8	42.3	44.2	46.1	48.0	50.0	51.9	53.8	55.7	57.7			21	
22		31.0	33.0	35.0	37.0	39.0	41.0	43.0	44.5	46.2	48.2	50.2	52.0	54.0	55.8	57.8	60.0		22	
23		31.3	33.3	35.3	37.3	39.3	41.3	43.3	44.8	46.3	48.3	50.4	52.3	54.3	56.0	58.0	60.3		23	
24		31.5	33.5	35.5	37.5	39.5	41.5	43.1	45.0	46.9	48.8	50.7	52.5	54.5	56.4	58.2	60.5	62.0	24	
30		32.0	34.0	36.0	38.0	40.0	41.8	43.8	45.8	47.5	49.4	51.3	53.1	55.1	57.0	58.9	60.8	62.5	30	
36		32.3	34.3	36.3	38.3	40.3	42.3	44.2	46.1	48.0	49.8	51.8	53.6	55.5	57.2	59.2	61.0	62.8	36	
48		*	*	*	*	*	*	44.6	46.5	48.2	50.0	52.0	53.9	55.8	57.5	59.4	61.5	63.0	48	

BIF, American Angus Association
BIF, AHA, Mini Hereford Associations
BIF, AMHA, mini registries, combined

MINIATURE=CATTLE.COM