

### Bull Hip Height (inches) Frame Score for Ages 5 to 21 Months

Age in Months	1	2	3	Frame 4	Score 5	6	7	8	9
5	33.5	35.5	37.5	39.5	41.6	43.6	45.6	47.7	49.7
6	34.8	36.8	38.8	40.8	42.9	44.9	46.9	48.9	51
7	36	38	40	42.1	44.1	46.1	48.1	50.1	52.2
8	37.2	39.2	41.2	43.2	45.2	47.2	49.3	51.3	53.3
9	38.2	40.2	42.3	44.3	46.3	48.3	50.3	52.3	54.3
10	39.2	41.2	43.3	45.3	47.3	49.3	51.3	53.3	55.3
11	40.2	42.2	44.2	46.2	48.2	50.2	52.2	54.2	56.2
12	41	43.3	45	47	49	51	53	55	57
13	41.8	43.8	45.8	47.8	49.8	51.8	53.8	55.8	57.7
14	42.5	44.5	46.5	48.5	50.4	52.4	54.4	56.4	58.4
15	43.1	45.1	47.1	49.1	51.1	53	55	57	59
16	43.6	45.6	47.6	49.6	51.6	53.6	55.6	57.5	59.5
17	44.1	46.1	48.1	50.1	52	54	56	58	60
18	44.5	46.5	48.5	50.5	52.4	54.4	56.4	58.4	60.3
19	44.9	46.8	48.8	50.8	52.7	54.7	56.7	58.7	60.6
20	45.1	47.1	49.1	51	53	55	56.9	58.9	60.9
21	45.3	47.3	49.2	51.2	53.2	55.1	57.1	59.1	61

The following equation should only be used for bulls between the ages of 5 and 21 months:

$$\text{Frame Score} = -11.548 + (0.4878 \times \text{Ht.}) - (0.0289 \times \text{Age}) + (0.00001947 \times \text{Age} \times \text{Age}) + (0.0000334 \times \text{Ht.} \times \text{Age}), \text{ where Age} =$$

### Heifer Hip Height (inches) Frame Score for Ages 5 to 21 Months

Age in Months	1	2	3	Frame 4	Score 5	6	7	8	9
5	33.1	35.1	37.2	39.3	41.3	43.4	45.5	47.5	49.6
6	34.1	36.2	38.2	40.3	42.3	44.4	46.5	48.5	50.6
7	35.1	37.1	39.2	41.2	43.3	45.3	47.4	49.4	51.5
8	36	38	40.1	42.1	44.1	46.2	48.2	50.2	52.3
9	36.8	38.9	40.9	42.9	44.9	47	49	51	53
10	37.6	39.6	41.6	43.7	45.7	47.7	49.7	51.7	53.8
11	38.3	40.3	42.3	44.3	46.4	48.4	50.4	52.4	54.4
12	39	41	43	45	47	49	51	53	55
13	39.6	41.6	43.6	45.5	47.5	49.5	51.5	53.5	55.5
14	40.1	42.1	44.1	46.1	48	50	52	54	56
15	40.6	42.6	44.5	46.5	48.5	50.5	52.4	54.4	56.4
16	41	43	44.9	46.9	48.9	50.8	52.8	54.8	56.7
17	41.4	43.3	45.3	47.2	49.2	51.1	53.1	55.1	57
18	41.7	43.6	45.6	47.5	49.5	51.4	53.4	55.3	57.3
19	41.9	43.9	45.8	47.7	49.7	51.6	53.6	55.5	57.4
20	42.1	44.1	46	47.9	49.8	51.8	53.7	55.6	57.6
21	42.3	44.2	46.1	48	50	51.9	53.8	55.7	57.7

Frame Score =  $-11.7086 + (0.4723 \times \text{Ht.}) - (0.0239 \times \text{Age}) + (0.0000146 \times \text{Age} \times \text{Age}) + (0.0000759 \times \text{Ht.} \times \text{Age})$ , where Age = days of age.