

Beef Carcass Contest - (Index by Dr. Gary Smith et al.(2002)-Livestock Industry Forum, Chico, CA)

CONTEST: Butte County Fair

HCW - Hot Carcass Weight
REA - Ribeye Area
AFT - Backfat
KPH - Kidney, Pelvic, Heart Fat
QG - Quality Grade
YG - Yield Grade
IDX - Combined Quality & Yield Grade

QG Numerical Coding

7 Prime
 6 Choice+
 5 Choice-Avg
 4 Choice-
 3 Select+
 2 Select-
 1 Standard/Lower

For varying HCW, there are minimum REA thresholds required to prevent an adverse adjustment in yield grade.

HCW	REA	HCW	REA
600	11.0	775	13.1
625	11.3	800	13.4
650	11.6	825	13.7
675	11.9	850	14.0
700	12.2	875	14.3
725	12.5	900	14.6
750	12.8		

CARCASS DATA:

ID	CALC.							ADJUSTMENTS				CALC.		Placing
	HCW	REA	AFT	KPH	QG	QG	YG	HCW	REA	AFT	QG	IDX		
22	803	15.8	0.36	3	7	Prime	2.00	0	-0.6	0	-3.6	-2.20	1	
9	753	14.3	0.28	2	6	Choice+	1.89	0	-0.6	0	-2.4	-1.11	2	
18	733	16.1	0.48	3	5	Choice-Avg	1.93	0	-0.3	0.5	-2.4	-0.27	3	
23	763	15.7	0.56	3	5	Choice-Avg	2.38	0	-0.6	0.7	-2.4	0.08	4	
3	710	14	0.6	2	6	Choice+	2.62	0	-0.6	0.7	-2.4	0.32	5	
5	782	14.7	0.32	2.5	4	Choice-	2.07	0	-0.6	0	-0.9	0.57	6	
7	795	15.6	0.68	2.5	6	Choice+	2.73	0	-0.6	0.9	-2.4	0.63	7	
27	821	14	0.56	2.5	6	Choice+	3.04	0	-0.6	0.7	-2.4	0.74	8	
17	849	14	0.52	3	5	Choice-Avg	3.15	0	-0.6	0.7	-2.4	0.85	9	
19	882	13.6	0.4	2.5	5	Choice-Avg	3.00	0.6	-0.3	0	-2.4	0.90	10	
28	699	14.5	0.32	2.5	4	Choice-	1.82	0.6	-0.6	0	-0.9	0.92	11	
6	875	14.4	0.68	3.5	7	Prime	3.62	0.6	-0.6	0.9	-3.6	0.92	12	
11	797	14.8	0.68	3	6	Choice+	3.09	0	-0.6	0.9	-2.4	0.99	13	
10	738	13.3	0.28	2.5	4	Choice-	2.25	0	-0.3	0	-0.9	1.05	14	
20	792	15.1	0.8	3	6	Choice+	3.28	0	-0.6	1.2	-2.4	1.48	15	
15	861	15.2	0.64	2.5	6	Choice+	3.01	0.6	-0.6	0.9	-2.4	1.51	16	
29	819	14.3	0.72	2.5	5	Choice-Avg	3.34	0	-0.6	1.2	-2.4	1.54	17	
26	680	13.3	0.34	2.5	4	Choice-	2.18	0.6	-0.3	0	-0.9	1.58	18	
25	590	12.5	0.4	2	4	Choice-	2.14	0.6	0	0	-0.9	1.84	19	
21	845	15.2	0.56	2.5	4	Choice-	2.75	0	-0.6	0.7	-0.9	1.95	20	
1	781	13.4	0.72	2.5	6	Choice+	3.48	0	-0.3	1.2	-2.4	1.98	21	
16	736	11.9	0.72	2.5	6	Choice+	3.79	0	0.3	1.2	-2.4	2.89	22	

8	845	14.6	0.76	2.5	4	Choice-	3.44	0	-0.6	1.2	-0.9	3.14	23
12	651	12.6	0.32	2	3	Select+	2.14	0.6	0	0	1.8	4.54	24
4	588	13.8	0.32	2	2	Select-	1.52	0.6	-0.3	0	3.6	5.42	25
13	685	14.7	0.4	2.5	2	Select-	1.90	0.6	-0.6	0	3.6	5.50	26
14	749	15.1	0.48	2.5	2	Select-	2.21	0	-0.6	0.5	3.6	5.71	27
2	778	14	0.48	2.5	2	Select-	2.68	0	-0.6	0.5	3.6	6.18	28
24	823	18.6	0.64	3	2	Select-	1.88	0	0.3	0.9	3.6	6.68	29
31	859	19.1	0.64	2.5	2	Select-	1.75	0.6	0.3	0.9	3.6	7.15	30