

2023 Augusta Market Animal Show Market Beef Carcass Data

First Name	Last Name	Tag ID	Show Placing	Sex	Nov. 2022 weight	May 2023 weight	Live Grade	A.D.G.	HCW	RIB FAT	Ribeye Area	%IMF	%KPH	Y.G.	BCTRC %	Q.G.	Base	% Retail Product	Carcass \$Value Gain/Day	Final Price	Payout	Live Value
Samuel	Ashby	6	5	Male	602	1255	C	3.63	797	0.55	12.8	9.97	3.5	3.51	48.61	Low Prime	\$279.90	66.99%	\$8.26	\$304.99	\$2,430.54	\$1.94
Layla	McCray	63	4	Male	542	1140	S	3.32	724	0.34	13.1	5.6	3.5	2.61	50.73	Choice	\$279.90	70.89%	\$7.51	\$286.49	\$2,073.90	\$1.82
William	Ashby	3	5	Male	622	1220	C -	3.32	775	0.57	13.5	6.23	3.5	3.25	49.22	Choice	\$279.90	67.02%	\$7.21	\$286.49	\$2,219.44	\$1.82
Drake	Coffey	31	5	Male	718	1310	C	3.29	832	0.72	13.3	6.22	3.5	3.91	47.67	Choice	\$279.90	64.24%	\$6.98	\$286.49	\$2,383.17	\$1.82
William	Ashby	4	3	Male	682	1315	C -	3.52	835	0.77	11.1	8.96	3.5	4.75	45.73	Low Prime	\$279.90	62.15%	\$7.08	\$285.23	\$2,381.74	\$1.81
Lori	Teter	102	3	Male	756	1510	C	4.19	959	0.75	15.4	6.89	3.5	3.79	47.87	Choice	\$279.90	64.86%	\$8.63	\$282.11	\$2,705.01	\$1.79
Jonny	Echols	88	5	Male	804	1345	S	3.01	854	0.3	15.4	4.15	3.5	2.27	51.45	Low Choice	\$279.90	72.86%	\$7.29	\$279.90	\$2,390.56	\$1.78
Steele	Miller	69	4	Male	652	1205	C -	3.07	765	0.58	16.5	4.69	3.5	2.28	51.47	Low Choice	\$279.90	68.48%	\$6.77	\$279.90	\$2,141.72	\$1.78
Wesley	Coleman	111	4	Male	744	1280	C -	2.86	813	0.51	15.2	4.04	3.5	2.70	50.47	Low Choice	\$279.90	69.02%	\$6.77	\$279.90	\$2,275.03	\$1.78
Scott	Hickey	22	1	Male	714	1220	C -	2.81	775	0.47	13.7	5.46	3.5	2.93	49.95	Low Choice	\$279.90	68.91%	\$6.40	\$279.90	\$2,168.39	\$1.78
Hailey	Hemp	10	3	Male	662	1235	C	3.18	784	0.74	15.8	4.34	3.5	2.97	49.85	Low Choice	\$279.90	65.26%	\$6.66	\$279.90	\$2,195.05	\$1.78
Blake	Caricofe	117	4	Male	868	1340	S	2.62	851	0.42	13.8	4.14	3.5	3.07	49.60	Low Choice	\$279.90	69.85%	\$6.34	\$279.90	\$2,381.67	\$1.78
Mason	Miller	71	2	Male	594	1255	C -	3.67	797	0.6	14.5	4.6	3.5	3.09	49.58	Low Choice	\$279.90	67.03%	\$7.66	\$279.90	\$2,230.59	\$1.78
Landon	Morris	9	3	Male	716	1330	C -	3.41	845	0.48	14.1	5.07	3.5	3.10	49.54	Low Choice	\$279.90	68.95%	\$7.55	\$279.90	\$2,363.90	\$1.78
Teagan	Johnston	74	2	Female	624	1000	S	2.09	635	0.55	12	4.94	3.5	3.15	49.53	Low Choice	\$279.90	66.55%	\$4.72	\$279.90	\$1,777.37	\$1.78
Charley	Irvine	32	4	Female	556	1080	C	2.91	686	0.7	13.6	5.51	3.5	3.20	49.37	Low Choice	\$279.90	64.76%	\$5.98	\$279.90	\$1,919.55	\$1.78
Makayla	Horn	87	6	Male	580	1200	S	3.44	762	0.48	12.5	4.56	3.5	3.30	49.12	Low Choice	\$279.90	68.07%	\$7.33	\$279.90	\$2,132.84	\$1.78
Tyler	Wetzel	7	2	Male	690	1415	C	4.03	899	0.69	15.7	4.03	3.5	3.32	49.00	Low Choice	\$279.90	66.09%	\$8.33	\$279.90	\$2,514.97	\$1.78
Emily	Klein	48	5	Male	526	1130	S	3.36	718	0.45	11.5	4.72	3.5	3.37	48.97	Low Choice	\$279.90	68.06%	\$7.08	\$279.90	\$2,008.42	\$1.78
Erika	Hildebrand	67	2	Male	538	1130	C -	3.29	718	0.65	12.6	4.32	3.5	3.52	48.62	Low Choice	\$279.90	65.10%	\$6.67	\$279.90	\$2,008.42	\$1.78
Lindsay	Lyle	113	2	Male	910	1285	C	2.08	816	0.83	14.9	4.3	3.5	3.61	48.37	Low Choice	\$279.90	63.16%	\$4.84	\$279.90	\$2,283.91	\$1.78
Hailey	Hemp	11	4	Male	796	1405	C	3.38	892	0.6	13.7	4	3.5	3.71	48.10	Low Choice	\$279.90	66.59%	\$7.35	\$279.90	\$2,497.20	\$1.78
Steele	Miller	68	2	Male	798	1250	C	2.51	794	0.62	12.1	4.33	3.5	3.89	47.72	Low Choice	\$279.90	65.36%	\$5.64	\$279.90	\$2,221.71	\$1.78
Allison	Shultz	92	5	Male	674	1235	S	3.12	784	0.81	12.6	4.13	3.5	4.17	47.08	Low Choice	\$279.90	62.26%	\$5.99	\$267.96	\$2,101.41	\$1.70
Summer	Mish	51	5	Male	702	1370	C	3.71	870	0.88	12.7	4.94	3.5	4.64	45.95	Low Choice	\$279.90	61.07%	\$6.87	\$267.96	\$2,331.12	\$1.70
Summer	Mish	52	6	Male	706	1355	C	3.61	860	1.19	12.6	4.89	3.5	5.41	44.17	Low Choice	\$279.90	55.50%	\$6.10	\$267.96	\$2,305.59	\$1.70
Samuel	Ashby	5	5	Male	726	1425	C	3.88	905	0.93	15.2	8.43	3.5	4.10	47.19	High Choice	\$279.90	61.55%	\$7.12	\$263.58	\$2,385.07	\$1.67
Jack	Begoon	56	1	Male	780	1250	C	2.61	794	0.5	16.3	2.59	3.5	2.25	51.52	Low Select	\$279.90	69.80%	\$5.70	\$258.02	\$2,048.03	\$1.64
Montana	Deming	19	4	Male	726	1270	C -	3.02	806	0.37	14.7	2.46	3.5	2.49	50.97	Low Select	\$279.90	71.23%	\$6.50	\$258.02	\$2,080.80	\$1.64
Mackenzie	Hinton	99	3	Male	782	1285	C	2.79	816	0.47	15.5	2.76	3.5	2.52	50.89	Low Select	\$279.90	69.89%	\$6.04	\$258.02	\$2,105.38	\$1.64
Sadie	Talley	41	1	Male	900	1380	C -	2.67	876	0.52	15.5	2.41	3.5	2.87	50.04	Low Select	\$279.90	69.00%	\$5.89	\$258.02	\$2,261.03	\$1.64
Scott	Hickey	23	3	Male	932	1390	C	2.54	883	0.47	15.1	2.52	3.5	2.90	49.98	Low Select	\$279.90	69.67%	\$5.77	\$258.02	\$2,277.41	\$1.64
Hayden	Ruebush	50	5	Male	696	1185	S	2.72	752	0.35	12.6	2.78	3.5	2.90	50.03	Low Select	\$279.90	70.44%	\$5.83	\$258.02	\$1,941.54	\$1.64
Emory	Seal	104	4	Male	960	1180	C -	1.22	749	0.44	12.8	2.86	3.5	3.05	49.69	Low Select	\$279.90	68.95%	\$3.42	\$258.02	\$1,933.34	\$1.64
Garrett	Hickey	26	2	Male	712	1315	C -	3.35	835	0.91	13	2.99	3.5	4.49	46.32	Low Select	\$279.90	60.70%	\$6.03	\$258.02	\$2,154.53	\$1.64
Teagan	Johnston	75	4	Male	738	1375	C -	3.54	873	0.39	14.6	3.31	3.5	2.82	50.16	High Select	\$279.90	70.82%	\$7.41	\$258.02	\$2,252.84	\$1.64

Emily	Klein	47	3	Male	568	1185	C -	3.43	752	0.53	14.1	3.03	3.5	2.87	50.10	High Select	\$279.90	68.06%	\$6.71	\$258.02	\$1,941.54	\$1.64
Grayson	Howell	28	5	Male	704	1320	S +	3.42	838	0.59	15.3	3.06	3.5	2.96	49.85	High Select	\$279.90	67.65%	\$6.83	\$258.02	\$2,162.72	\$1.64
Jack	Begoon	57	D1 RC	Male	572	1120	C	3.04	711	0.65	13.7	3.58	3.5	3.14	49.50	High Select	\$279.90	65.71%	\$5.84	\$258.02	\$1,835.04	\$1.64
Makayla	Horn	86	4	Male	664	1320	S	3.64	838	0.45	13.6	3.24	3.5	3.16	49.40	High Select	\$279.90	69.21%	\$7.33	\$258.02	\$2,162.72	\$1.64
Tyler	Wetzel	8	3	Male	666	1305	C -	3.55	829	0.69	15	3.74	3.5	3.27	49.14	High Select	\$279.90	65.71%	\$6.80	\$258.02	\$2,138.15	\$1.64
Madison	Bagley	91	3	Male	702	1215	C	2.85	772	0.57	13.2	3.7	3.5	3.33	49.03	High Select	\$279.90	66.85%	\$5.77	\$258.02	\$1,990.69	\$1.64
Grayson	Howell	27	6	Male	708	1380	C -	3.73	876	0.83	16.2	3.84	3.5	3.42	48.77	High Select	\$279.90	63.88%	\$6.97	\$258.02	\$2,261.03	\$1.64
Donald	Strother	53	2	Male	698	1310	C	3.4	832	0.9	16.2	3.14	3.5	3.43	48.78	High Select	\$279.90	62.63%	\$6.28	\$258.02	\$2,146.34	\$1.64
Mason	Miller	70	4th overall	Male	792	1320	C	2.93	838	0.56	13.4	3.39	3.5	3.50	48.61	High Select	\$279.90	67.14%	\$6.05	\$258.02	\$2,162.72	\$1.64
Garrett	Hickey	25	1	Male	806	1455	C	3.61	924	0.84	14.9	3.73	3.5	4.04	47.31	High Select	\$279.90	62.99%	\$6.67	\$253.64	\$2,343.44	\$1.61

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	N.WT	M. WT	ADG	HCW	REA	Rib Fat	%KPH	FYG	% BCTRC
2023 Averages	709	1278	3	812	14.03	0.61	N/A	3.33	49.02
2022 Averages	707	1265	3.12	803	14.10	0.56	N/A	3.15	49.45
2021 Averages	685	1230	3.17	806	13.85	0.53	N/A	3.17	50.99
2019 Averages	651	1242	3.30	792	13.10	0.53	N/A	3.35	48.97
2018 Averages	650	1241	3.30	788	13.12	0.53	N/A	3.34	49.00
2017 Averages	690	1255	3.16	774	13.98	0.46	2.55	2.67	50.66
2016 Averages	648	1226	3.23	750	13.76	0.51	2.25	2.74	50.56
2015 Averages	672	1240	3.09	766	13.74	0.59	2.34	3.03	49.89
2014 Averages	669	1242	3.07	745	13.33	0.49	2.38	2.84	50.35
2013 Averages	652	1232	3.07	749	13.45	0.50	2.37	2.84	50.34
2012 Averages	651	1202	3.08	728	13.30	0.52	2.00	2.78	50.48
2011 Averages	658	1238	3.24	765	13.60	0.52	2.40	2.90	50.19
2010 Averages	676	1241	3.17	758	13.30	0.49	1.80	2.76	50.46
2009 Averages	658	1256	3.21	774	13.00	0.49	2.10	2.96	50.00
2008 Averages	662	1260	3.25	785	13.10	0.55	2.30	3.10	49.50
2007 Averages		1251		772	12.9	0.47	2.60	3.60	48.80

Average Value of Gain
for Steer carcasses
grading at least Choice
or better \$6.76

Explanation of Carcass Data Column Headings

HCW: Hot Carcass Weight is the steer carcass weight within 24 hours of harvest

Ribeye Area: true cross sectional area of the loin eye between the 12th and 13th ribs

Ribfat: actual fat thickness of the carcass over the loin eye between the 12th and 13th ribs

%KPH: Percent Kidney, Pelvic & Heart fat is estimated percentage of fat carcass weight in these areas

Final Yield Grade: 0 - 5 rating of the expected amount of carcass retail product, lower yield grade number means higher expected retail product

%IMF: Percent Intramuscular fat, indicator trait for marbling score and component of Quality Grade

Retail Product: Regression formula to predict % red meat yield.

%BCTRC: Percent Boneless Closely Trimmed Retail Cutability is, similar to Yield Grade, another estimate of the actual amount of true retail product in the steer carcass

Carcass Quality Grade: an estimation of the intramuscular fat content of the loin eye between the 12th and 13th ribs. These grades include Prime, Choice, Select and Standard and reflect the flavor contributors of the product such as juiciness and to some degree tenderness

Actual Carcass \$/cwt and Total Carcass \$ Value: reflect the dollar value of the steer carcass after premiums and discounts are applied for quality and cutability

	Carcass	Live conversion
Dressing Percentage	64%	
Choice 2-3 600-900 carcass	\$279.90	\$177.74
Select 2-3 600-900 carcass	\$258.02	\$163.84
Choice select spread	-\$21.88	-\$13.89
400-500 lb carcass	-\$28.46	-\$18.07
500-600 lb carcass	-\$14.25	-\$9.05
900-1000 lb carcass	-\$4.38	-\$2.78
1000+ discount	-\$23.93	-\$15.20
Prime 1-3	\$18.50	\$11.75
Certified 1-3	\$6.59	\$4.18
Choice 1	\$3.59	\$2.28
Select 1	-\$16.95	-\$10.76
Standard 1-3	-\$31.51	-\$20.01
Prime 4	\$5.33	\$3.38

Carcass \$Value Gain/Day: based on carcass value, estimates per pound value of red meat yield during feeding period. This number is closely tied to profitability and should be \geq \$2.00/lb in consideration of today's cost of gain

Choice 4	-\$11.94	-\$7.58
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