

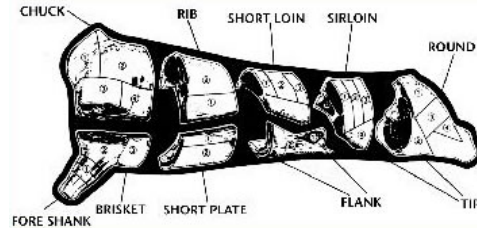
Utah County Livestock Show Carcass Contest

The Utah County Fair Committee would like each show participant to take part in the carcass contest. As a committee we have put together a summary of how the carcass contest is evaluated for each species; Beef, Lamb and Hog.

BEEF :

Evaluating the beef carcass starts with determining its dressing percentage. This is done by dividing the hot carcass weight by the live weight. (I.e. 744 lb. carcass/ 1200 lb live weight = 62% dressing percentage). Next, the quality and yield grades are determined. The quality is measured by the amount of marbling and age of the animal. The quality grades used for this contest are prime, choice, and select. Any thing under is used as ground. The yield grade is determined by measuring the back fat, rib eye area, kidney pelvic heart fat, and hot carcass weight. The quality and yield grades are used in determining the unit price for each primal cut.

After the quality and yield grades are determined, the hot carcass value is measured by multiplying the hot carcass weight and the current market price. (I.e. HCW 744 lbs x \$1.28/lb = \$952.32). The hot carcass is then processed into primal cuts: Chuck, Rib, Loin, Round, Brisket, Flank, Short Plate, and Shank. Each individual primal is weighed and the value determined by multiplying the market value by the weight of the primal. (I.e. 245 lbs chuck x \$0.92/lb = \$225.40 chuck value). The value of all primal cuts are added together to determine the total carcass value. This is used to determine the difference between total carcass value (primal cuts) and either live weight value or hot carcass weight value. This indicates how much return a packer would receive from purchasing the animal. Each individual beef carcass is ranked according to the value returned.

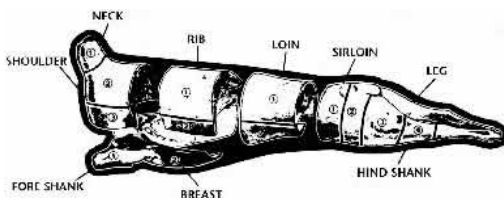


The beef carcass market value is determined by the National Daily Cattle and Beef Summary from; <http://www.ams.usda.gov>.

LAMB :

Evaluating the lamb carcass starts with determining its dressing percentage. This is done by dividing the hot carcass weight by the live weight. (I.e. 70 lb. carcass/ 125 lb live weight = 56% dressing percentage). Next, the quality grade is determined by measuring the amount of fat, loin eye, and age of the animal. The quality grades used for this contest are prime and choice. The quality grades are used in determining the unit price for each primal cut.

After the quality grade is determined, the hot carcass value is measured by multiplying the hot carcass weight and the current market price. (I.e. HCW 70 lbs x \$1.80/lb = \$126.00). The hot carcass is then processed into primal cuts: Shoulder, Rib, Loin, Leg, Rack, Shank, and Trim.



Each individual primal is weighed and the value determined by multiplying the market value by the weight of the primal. (I.e. 6.95 lbs rack x \$4.30./lb = \$29.89 rack value). The value of all primal cuts are added together to determine the total carcass value. This is used to determine the difference between total carcass value (primal cuts) and either live weight value or hot carcass weight value. This indicates how much return a packer would receive from purchasing the animal. Each individual lamb carcass is ranked according to the value returned.

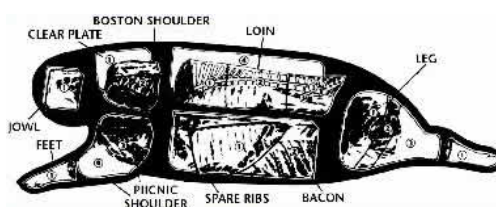
The lamb carcass market value is determined by the USDA lamb market and the primal cut value is determined from the Superior Lamb Pricing List from California.

PORK :

Evaluating the hog carcass starts with determining its dressing percentage. This is done by dividing the hot carcass weight by the live weight. (I.e. 145 lb. carcass/ 225 lb live weight = 64% dressing percentage). Next, the quality grade is determined by measuring the amount of back fat and loin eye. The quality grades are used in determining the unit price value for hot carcass.

The hot carcass value is measured by multiplying the hot carcass weight and the current market price. The market price is determined by cross referencing the quality grade, back fat and loin eye area. The range for back fat is 0.4 to 1.4 and the loin eye area is 4.0 to 8.0. Carcasses that don't fall within this range are processed into ground pork (I.e. back fat 0.5, loin eye 7.75 = \$0.72/lb). The market value (\$0.72/lb) is multiplied by the hot carcass weight (145lbs). If Carcasses that are too small or too large will be docked using the USDA carcass weight differentials. The current market is accepting carcasses that range between 145 lbs and 225 lbs.

Then the hot carcass is processed into primal cuts: Shoulder, Ham, Loin, Sides, Ribs, Trim. Each individual primal is weighed and the value determined by multiplying the market value by the weight of the primal (I.e. 39.01 lbs ham x \$1.08./lb = \$42.23 ham value). The value of all primal cuts are added together to determine the total carcass value. This is used to determine the difference between total carcass value (primal cuts) and either live weight value or hot carcass weight value. This indicates how much return a packer would receive from purchasing the animal. Each individual hog carcass is ranked according to the value returned.



The hog carcass current unit prices are determined by the National Hog and Pork Summary from; <http://www.ams.usda.gov>.

TAG	CARCASS/lbs		Dressing	PRIMAL/lbs						TOTAL	PRIMAL COST/lbs						TOTAL
	#	Live Wt.	Carcass Wt.	%	Shoulder	Loin	Rib	Shank	Leg	Trim		Shoulder	Loin	Rib	Shank	Leg	Trim
1939	141.00	64.68	45.872	11.36	12.14	4.32	4.60	12.30	6.06	50.78	25.1056	128.68	15.90	13.75	36.90	13.27	233.613
1982	130.00	67.08	51.600	13.76	14.96	5.18	4.64	14.98	4.86	58.38	30.4096	158.58	19.06	13.87	44.94	10.64	277.505
1929	123.00	80.8	65.691	13.74	16.82	5.52	5.34	15.34	5.78	62.54	30.3654	178.29	20.31	15.97	46.02	12.66	303.616
1919	138.00	49.04	35.536	8.64	10.00	3.40	4.24	11.10	3.96	41.34	19.0944	106.00	12.51	12.68	33.30	8.67	192.256
1910	112.00	57.84	51.643	10.22	10.28	4.26	4.42	11.12	4.68	44.98	22.5862	108.97	15.68	13.22	33.36	10.25	204.056
1916	151.00	73.76	48.848	12.56	15.56	5.74	5.56	14.42	7.14	60.98	27.7576	164.94	21.12	16.62	43.26	15.64	289.338
1972	130.00	72.72	55.938	14.66	15.32	5.20	5.98	14.32	7.06	62.54	32.3986	162.39	19.14	17.88	42.96	15.46	290.228
1962	122.00	70.12	57.475	13.32	15.30	4.66	5.32	14.60	6.26	59.46	29.4372	162.18	17.15	15.91	43.80	13.71	282.182
1737	123.00	74.82	60.829	14.38	14.20	4.64	5.44	16.40	7.42	62.48	31.7798	150.52	17.08	16.27	49.20	16.25	281.09
1858	147.00	82.76	56.299	15.22	16.86	6.40	6.32	16.70	7.06	68.56	33.6362	178.72	23.55	18.90	50.10	15.46	320.362
1857	142.00	73.84	52.000	13.58	13.54	4.96	5.78	15.10	6.72	59.68	30.0118	143.52	18.25	17.28	45.30	14.72	269.088
1134	142.00	77.62	54.662	14.96	15.74	5.68	6.20	15.92	7.78	66.28	33.0616	166.84	20.90	18.54	47.76	17.04	304.144
1266	117.00	63.84	54.564	11.00	12.90	4.48	5.14	13.50	5.54	52.56	24.31	136.74	16.49	15.37	40.50	12.13	245.538
1586	137.00	71.68	52.321	13.74	13.84	5.08	6.16	15.42	6.62	60.86	30.3654	146.70	18.69	18.42	46.26	14.50	274.94
1547	163.00	88.88	54.528	15.32	15.28	5.56	5.84	17.66	8.14	67.8	33.8572	161.97	20.46	17.46	52.98	17.83	304.554
1711	130.00	69.45	53.423	13.84	14.90	4.98	4.70	15.73	4.8	58.95	30.5864	157.94	18.33	14.05	47.19	10.51	278.608
1200	138.00	73.45	53.225	14.11	14.99	5.63	6.04	15.68	4.92	61.37	31.1831	158.89	20.72	18.06	47.04	10.77	286.67
1172	142.00	78.09	54.993	14.93	15.69	5.11	6.21	16.03	6.43	64.4	32.9953	166.31	18.80	18.57	48.09	14.08	298.854
1946	115.00	56.56	49.183	10.14	11.56	3.88	5.14	12.14	5.64	48.5	22.4094	122.54	14.28	15.37	36.42	12.35	223.364
1874	112.00	56.62	50.554	10.62	10.58	3.38	5.00	12.04	5.9	47.52	23.4702	112.15	12.44	14.95	36.12	12.92	212.048
1597	135.00	66.2	49.037	11.18	13.42	4.46	5.64	13.40	7.56	55.66	24.7078	142.25	16.41	16.86	40.20	16.56	256.993
1594	123.00	60.52	49.203	11.90	11.32	3.80	4.86	14.08	6.28	52.24	26.299	119.99	13.98	14.53	42.24	13.75	230.8
1257	100.00	53.06	53.060	9.50	10.20	3.98	4.36	11.98	4.14	44.16	20.995	108.12	14.65	13.04	35.94	9.07	201.804
1117	125.00	82.42	65.936	13.46	14.80	5.70	6.02	16.10	5.56	61.64	29.7466	156.88	20.98	18.00	48.30	12.18	286.079
1119	108.00	59.82	55.389	9.98	10.68	4.50	4.70	11.24	4.42	45.52	22.0558	113.21	16.56	14.05	33.72	9.68	209.277
1260	112.00	60.52	54.036	10.84	11.90	4.48	4.96	12.52	4.84	49.54	23.9564	126.14	16.49	14.83	37.56	10.60	229.573
1362	152.00	77.72	51.132	14.58	14.34	4.90	6.20	16.06	6.7	62.78	32.2218	152.00	18.03	18.54	48.18	14.67	283.649
1370	140.00	72.68	51.914	12.50	14.18	4.86	6.10	15.54	6.42	59.6	27.625	150.31	17.88	18.24	46.62	14.06	274.737
1371	138.00	72.46	52.507	15.12	13.54	4.72	5.28	14.14	6.38	59.18	33.4152	143.52	17.37	15.79	42.42	13.97	266.488
1477	102.00	61.86	60.647	11.30	11.34	4.18	4.98	12.66	4.5	48.96	24.973	120.20	15.38	14.89	37.98	9.86	223.285
1116	95.00	46.66	49.116	9.84	9.04	2.80	3.92	11.38	3.2	40.18	21.7464	95.82	10.30	11.72	34.14	7.01	180.743
1726	135.00	74.96	55.526	14.38	13.22	5.76	5.30	15.90	5.04	59.6	31.7798	140.13	21.20	15.85	47.70	11.04	267.693
1937	116.00	60.46	52.121	12.50	11.22	4.62	3.96	13.04	5.06	50.4	27.625	118.93	17.00	11.84	39.12	11.08	225.6
1961	120.00	54.72	45.600	11.50	10.52	4.12	4.34	12.06	3.64	46.18	25.415	111.51	15.16	12.98	36.18	7.97	209.217
1850	134.00	71.2	53.134	13.08	12.66	5.02	4.38	14.14	4.56	53.84	28.9068	134.20	18.47	13.10	42.42	9.99	247.079
1259	105.00	57.46	54.724	12.90	10.40	3.66	4.32	12.86	5.7	49.84	28.509	110.24	13.47	12.92	38.58	12.48	216.198
1846	130.00	65.72	50.554	11.24	12.68	5.26	4.90	14.18	5.02	53.28	24.8404	134.41	19.36	14.65	42.54	10.99	246.79
1372	135.00	66.74	49.437	13.80	11.82	5.14	5.16	14.54	6.14	56.6	30.498	125.29	18.92	15.43	43.62	13.45	247.2
1909	108.00	46.66	43.204	8.78	9.26	3.40	4.28	10.98	3.72	40.42	19.4038	98.16	12.51	12.80	32.94	8.15	183.956
1875	131.00	67.34	51.405	13.32	11.88	4.8	5.32	15.34	5.78	56.44	29.4372	125.93	17.66	15.91	46.02	12.66	247.614
1510	116	65.7	56.638	11.44	12.62	4.86	4.5	15.16	6.1	54.68	25.2824	133.77	17.88	13.46	45.48	13.36	249.233
1366	120	62.58	52.150	12.26	11.86	4.62	4.96	13.74	5.31	52.75	27.0946	125.72	17.00	14.83	41.22	11.63	237.492
1727	127	61.36	48.315	11.04	11.32	5.04	4.8	13.06	5.76	51.02	24.3984	119.99	18.55	14.35	39.18	12.61	229.084
1118	95	48.26	50.800	10.02	8.82	3.14	3.94	10.58	5	41.5	22.1442	93.49	11.56	11.78	31.74	10.95	181.662
1267	117	64.5	55.128	12.88	12.44	5.2	4.8	14.5	6.68	56.5	28.4648	131.86	19.14	14.35	43.50	14.63	251.946

1558	120	59.92	49.933	11.16	11.72	3.88	5.14	13.42	6	51.32	24.6636	124.23	14.28	15.37	40.26	13.14	231.943
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PRIMAL COST						
Shoulder	Loin	Rib	Shank	Leg	Trim	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	
2.21	10.6	3.68	2.99	3.00	2.19	

TAG	CARCASS/lbs		TOTAL	PRIMAL	TOTAL	RANK		FINAL RESULTS
	#	Live Wt.	Live Price \$	Live Value	Carcass Value	Value	Place	Ribbon
								1st Place
1939	141.00	0.70	98.7	233.613	134.91		Blue	2nd Place
1982	130.00	0.70	91	277.505	186.51		Blue	3rd Place
1929	123.00	0.70	86.1	303.616	217.52	1	Blue	Blue Ribbon
1919	138.00	0.70	96.6	192.256	95.66		Blue	Red Ribbon
1910	112.00	0.70	78.4	204.056	125.66		Blue	
1916	151.00	0.70	105.7	289.338	183.64		Blue	
1972	130.00	0.70	91	290.228	199.23		Blue	
1962	122.00	0.70	85.4	282.182	196.78		Blue	
1737	123.00	0.70	86.1	281.09	194.99		Blue	
1858	147.00	0.70	102.9	320.362	217.46	2	Blue	
1857	142.00	0.70	99.4	269.088	169.69		Blue	
1134	142.00	0.70	99.4	304.144	204.74	3	Blue	
1266	117.00	0.70	81.9	245.538	163.64		Blue	
1586	137.00	0.70	95.9	274.94	179.04		Blue	
1547	163.00	0.70	114.1	304.554	190.45		Blue	
1711	130.00	0.70	91	278.608	187.61		Blue	
1200	138.00	0.70	96.6	286.67	190.07		Blue	
1172	142.00	0.70	99.4	298.854	199.45		Blue	
1946	115.00	0.70	80.5	223.364	142.86		Blue	
1874	112.00	0.70	78.4	212.048	133.65		Blue	
1597	135.00	0.70	94.5	256.993	162.49		Blue	
1594	123.00	0.70	86.1	230.8	144.70		Blue	
1257	100.00	0.70	70	201.804	131.80		Blue	
1117	125.00	0.70	87.5	286.079	198.58		Blue	

1119	108.00	0.70	75.6	209.277	133.68	Blue
1260	112.00	0.70	78.4	229.573	151.17	Blue
1362	152.00	0.70	106.4	283.649	177.25	Blue
1370	140.00	0.70	98	274.737	176.74	Blue
1371	138.00	0.70	96.6	266.488	169.89	Blue
1477	102.00	0.70	71.4	223.285	151.89	Blue
1116	95.00	0.70	66.5	180.743	114.24	Blue
1726	135.00	0.70	94.5	267.693	173.19	Blue
1937	116.00	0.70	81.2	225.6	144.40	Blue
1961	120.00	0.70	84	209.217	125.22	Blue
1850	134.00	0.70	93.8	247.079	153.28	Blue
1259	105.00	0.70	73.5	216.198	142.70	Blue
1846	130.00	0.70	91	246.79	155.79	Blue
1372	135.00	0.70	94.5	247.2	152.70	Blue
1509	108.00	0.70	75.6	183.956	108.36	Blue
1875	131.00	0.70	91.7	247.614	155.91	Blue
1510	116	0.70	81.2	249.233	168.03	Blue
1366	120	0.70	84	237.492	153.49	Blue
1727	127	0.70	88.9	229.084	140.18	Blue
1118	95	0.70	66.5	181.662	115.16	Blue
1267	117	0.70	81.9	251.946	170.05	Blue
1558	120	0.70	84	231.943	147.94	Blue

UTAH COUNTY FAIR EXHIBITORS LIST

LAMB	TAG #	HOG	TAG #	BEEF	TAG #
Webb, Lindsey	1116	Liddiard, Garrick	1016	Liddiard, Garrick	687
Austin, Ashley	1117	McClain, Tyrell	1017	Jensen, Landan	695
Smith, Tommy	1118	Voorhess, Cameron	1018	Jensen, Shanae	696
Smith, Josh	1119	Voorhees, Brooke	1019	Ahlin, Brandon	896
Shepard, T.J.	1134	Voorhees, Tanner	1020	Beck, Leslie	916
Hallam, Kaitlin	1172	Laird, Shane	1028	Beck, T.J.	917
Hallam, Allison	1200	Shepard, Dillon	1030	Jarrett, Tanner	1354
Spencer, Brayden	1257	Morgan, Trevor	1127	Palmer, Morgan	1356
Cook, Christopher	1259	Morgan, Natasha	1128	Rasmussen, Tony	1557
Giffing, Jaynee	1260	Morgan, Tyler	1130	Gurney, Shauna	1562
Frampton, Kelsey	1266	Hallam, Kaitlin	1180	Bushman, Lindsey	1575
Campbell, Jessica	1267	Allred, Austin	1211	Mercer, Kimberly	1580
Blackhurst, Buck	1362	Allred, Dallin	1212	Pulham, Amanda	1600
Gowans, Raleigh	1366	Hallam, Allison	1237	Fisher, Madison	1663
Buek, Cameron	1370	Houston, Courtnie	1415	Fisher, Dawson	1664
Blackhurst, Ally	1371	Deuel, Preston	1423		
Blackhurst, Avery	1372	Ercanbrack, Austin	1480		
Houston, Courtnie	1477	Olson, Jennett	1481		
Giffing, Casey	1510	Grant, Torrie	1745		
Wardle, Weston	1547	Downs, Mason	1830		
Farr, Mackenzie	1558	Downs, Micala	1839		
Pulham, Amanda	1586	Jensen, Logan	1964		
Bangerter, Stephanie	1594	Jensen, Jarod	1974		
Johnson, Rachelle	1597	Jensen, Bradi Jo	1984		
Grant, Torrie	1711	Bushman, Sydney	1988		
Beck, TJ	1726	Houston, Madison	1993		
Beck, Leslie	1727	Nelson, Alyssa	1996		
McClain, Tyrell	1737	Lehmberg, Aubri	1997		
Thomas, Wylie	1846	Bushman, Lindsey	1998		
Reynolds, Shania	1850				
Johnson, Brooklyn	1857				
Johnson, Braxten	1858				
Bangerter, Catherine	1874				
Braithwaite, Josi	1875				
Farris, Amanda	1509				
Pyne, Blake	1910				
Trevort, Weston	1916				
Pyne, Tanner	1919				
Trevort, Matthew	1929				
Miller, Hailee	1937				
Phillip, Alexis	1939				
Goodman, Tyler	1946				
Heap, Garth	1961				
Jensen, Logan	1962				
Jensen, Jarod	1972				
Jensen, Bradi Jo	1982				