



Converting liveweight prices to hot standard carcase weight prices

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Liveweight selling, introduced to Victoria in the early 1970s, is now widely practised throughout Victoria. Market prices from saleyards are commonly quoted in terms of cents per kg liveweight; however, abattoir quotations for 'over the hooks' sales and many market reports are in cents per kg hot standard carcase weight.

AUS-MEAT, the authority for uniform specifications for meat and livestock, introduced the hot standard carcase weight (HSCW) in 1987 as a national standard. The HSCW is the fundamental unit of 'over the hooks' selling and is the weight within two hours of slaughter of a carcase with standard trim (all fats out). The establishment of this uniform language allows comparisons to be made between meatworks and also different lots of cattle.

Since the introduction of the AUS-MEAT language, there has been an increase in the number of stock being sold directly to abattoirs 'over the hooks'.

To compare saleyard prices, in cents per kg liveweight, with prices quoted by abattoirs, meat retailers and market reports in cents per kg HSCW, producers need to accurately convert liveweight prices to HSCW prices and vice versa.

To obtain the HSCW, an estimate of the dressing percentage of the animal or 'pen' of animals being assessed is needed. The dressing percentage varies, depending on the age, sex and weight of the animal, as well as the muscling and fatness of the animal. The length of time the animal is off feed will also affect the dressing percentage.

This Agriculture Note is designed to assist producers to convert liveweight prices to 'cents per kg hot standard carcase weight' equivalent. (The Agriculture Note; *Converting hot standard carcase weight prices to liveweight prices* should be used when converting HSCW quotes to cents per kg liveweight.)

Table 1. Conversion of prices for cattle in cents/kg liveweight to cents/kg hot standard carcase weight.

Cents/kg liveweight	Dressing percentage									
	42	44	46	48	50	52	54	56	58	60
	cents/kg hot standard carcase weight									
80	190.48	181.82	173.91	166.67	160.00	153.85	148.15	142.86	137.93	133.33
81	192.86	184.09	176.09	168.75	162.00	155.77	150.00	144.64	139.66	135.00
82	195.24	186.36	178.26	170.83	164.00	157.69	151.85	146.43	141.38	136.67
83	197.62	188.64	180.43	172.92	166.00	159.62	153.70	148.21	143.10	138.33
84	200.00	190.91	182.61	175.00	168.00	161.54	155.56	150.00	144.83	140.00
85	202.38	193.18	184.78	177.08	170.00	163.46	157.41	151.79	146.55	141.67
86	204.76	195.45	186.96	179.17	172.00	165.38	159.26	153.57	148.28	143.33
87	207.14	197.73	189.13	181.25	174.00	167.31	161.11	155.36	150.00	145.00
88	209.52	200.00	191.30	183.33	176.00	169.23	162.96	157.14	151.72	146.67
89	211.90	202.27	193.48	185.42	178.00	171.15	164.81	158.93	153.45	148.33
90	214.29	204.55	195.65	187.50	180.00	173.08	166.67	160.71	155.17	150.00
91	216.67	206.82	197.83	189.58	182.00	175.00	168.52	162.50	156.90	151.67
92	219.05	209.09	200.00	191.67	184.00	176.92	170.37	164.29	158.62	153.33
93	221.43	211.36	202.17	193.75	186.00	178.85	172.22	166.07	160.34	155.00
94	223.81	213.64	204.35	195.83	188.00	180.77	174.07	167.86	162.07	156.67
95	226.19	215.91	206.52	197.92	190.00	182.69	175.93	169.64	163.79	158.33
96	228.57	218.18	208.70	200.00	192.00	184.62	177.78	171.43	165.52	160.00

Cents/kg liveweight	Dressing percentage									
	42	44	46	48	50	52	54	56	58	60
cents/kg hot standard carcase weight										
97	230.95	220.45	210.87	202.08	194.00	186.54	179.63	173.21	167.24	161.67
98	233.33	222.73	213.04	204.17	196.00	188.46	181.48	175.00	168.97	163.33
99	235.71	225.00	215.22	206.25	198.00	190.38	183.33	176.79	170.69	165.00
100	238.10	227.27	217.39	208.33	200.00	192.31	185.19	178.57	172.41	166.67
101	240.48	229.55	219.57	210.42	202.00	194.23	187.04	180.36	174.14	168.33
102	242.86	231.82	221.74	212.50	204.00	196.15	188.89	182.14	175.86	170.00
103	245.24	234.09	223.91	214.58	206.00	198.08	190.74	183.93	177.59	171.67
104	247.62	236.36	226.09	216.67	208.00	200.00	192.59	185.71	179.31	173.33
105	250.00	238.64	228.26	218.75	210.00	201.92	194.44	187.50	181.03	175.00
106	252.38	240.91	230.43	220.83	212.00	203.85	196.30	189.29	182.76	176.67
107	254.76	243.18	232.61	222.92	214.00	205.77	198.15	191.07	184.48	178.33
108	257.14	245.45	234.78	225.00	216.00	207.69	200.00	192.86	186.21	180.00
109	259.52	247.73	236.96	227.08	218.00	209.62	201.85	194.64	187.93	181.67
110	261.90	250.00	239.13	229.17	220.00	211.54	203.70	196.43	189.66	183.33
111	264.29	252.27	241.30	231.25	222.00	213.46	205.56	198.21	191.38	185.00
112	266.67	254.55	243.48	233.33	224.00	215.38	207.41	200.00	193.10	186.67
113	269.05	256.82	245.65	235.42	226.00	217.31	209.26	201.79	194.83	188.33
114	271.43	259.09	247.83	237.50	228.00	219.23	211.11	203.57	196.55	190.00
115	273.81	261.36	250.00	239.58	230.00	221.15	212.96	205.36	198.28	191.67
116	276.19	263.64	252.17	241.67	232.00	223.08	214.81	207.14	200.00	193.33
117	278.57	265.91	254.35	243.75	234.00	225.00	216.67	208.93	201.72	195.00
118	280.95	268.18	256.52	245.83	236.00	226.92	218.52	210.71	203.45	196.67
119	283.33	270.45	258.70	247.92	238.00	228.85	220.37	212.50	205.17	198.33
120	285.71	272.73	260.87	250.00	240.00	230.77	222.22	214.29	206.90	200.00
121	288.10	275.00	263.04	252.08	242.00	232.69	224.07	216.07	208.62	201.67
122	290.48	277.27	265.22	254.17	244.00	234.62	225.93	217.86	210.34	203.33
123	292.86	279.55	267.39	256.25	246.00	236.54	227.78	219.64	212.07	205.00
124	295.24	281.82	269.57	258.33	248.00	238.46	229.63	221.43	213.79	206.67
125	297.62	284.09	271.74	260.42	250.00	240.38	231.48	223.21	215.52	208.33
126	300.00	286.36	273.91	262.50	252.00	242.31	233.33	225.00	217.27	210.00
127	302.38	288.64	276.09	264.58	254.00	244.23	235.19	226.79	218.97	211.67
128	304.76	290.91	278.26	266.67	256.00	246.15	237.04	228.57	220.69	213.33
129	307.14	293.18	280.43	268.75	258.00	248.08	238.89	230.36	222.41	215.00
130	309.52	295.45	282.61	270.83	260.00	250.00	240.74	232.14	224.14	216.67
131	311.90	297.73	284.78	272.92	262.00	251.92	242.59	233.93	225.86	218.33
132	314.29	300.00	286.96	275.00	264.00	253.85	244.44	235.71	227.59	220.00
133	316.67	302.27	289.13	277.08	266.00	255.77	246.30	237.50	229.31	221.67
134	319.05	304.55	291.30	279.17	268.00	257.69	248.15	239.29	231.03	223.33
135	321.43	306.82	293.48	281.25	270.00	259.62	250.00	241.07	232.76	225.00
136	323.81	309.09	295.65	283.33	272.00	261.54	251.85	242.86	234.48	226.67
137	326.19	311.36	297.83	285.42	274.00	263.46	253.70	244.64	236.21	228.33
138	328.57	313.64	300.00	287.50	276.00	265.38	255.56	246.43	237.93	230.00
139	330.95	315.91	302.17	289.58	278.00	267.31	257.41	248.21	239.66	231.67
140	333.33	318.18	304.35	291.67	280.00	269.23	259.26	250.00	241.38	233.33
141	335.71	320.45	306.52	293.75	282.00	271.15	261.11	251.79	243.10	235.00
142	338.10	322.73	308.70	295.83	284.00	273.08	262.96	253.67	244.83	236.67
143	340.48	325.00	310.87	297.92	286.00	275.00	264.81	255.36	246.55	238.33

Cents/kg liveweight	Dressing percentage									
	42	44	46	48	50	52	54	56	58	60
cents/kg hot standard carcase weight										
144	342.86	327.27	313.04	300.00	288.00	276.92	266.67	257.14	248.28	240.00
145	345.24	329.55	315.22	302.08	290.00	278.85	268.52	258.93	250.00	241.67
146	347.62	331.82	317.39	304.17	292.00	280.77	270.37	260.71	251.72	243.33
147	350.00	334.09	319.57	306.25	294.00	282.69	272.22	262.50	253.45	245.00
148	352.38	336.36	321.74	308.33	296.00	284.62	274.07	264.29	255.17	246.67
149	354.76	338.64	323.91	310.42	298.00	286.54	275.93	266.07	256.90	248.33
150	357.14	340.91	326.09	312.50	300.00	288.46	277.78	267.86	258.62	250.00
151	359.52	343.18	328.26	314.58	302.00	290.38	279.63	269.64	260.34	251.67
152	361.90	345.45	330.43	316.67	304.00	292.31	281.48	271.43	262.07	253.33
153	364.29	347.73	332.61	318.75	306.00	294.23	283.33	273.21	263.79	255.00
154	366.67	350.00	334.78	320.83	308.00	296.15	285.19	275.00	265.52	256.67
155	369.05	352.27	336.96	322.92	310.00	298.08	287.04	276.79	267.24	258.33
156	371.43	354.55	339.13	325.00	312.00	300.00	288.89	278.57	268.97	260.00
157	373.81	356.82	341.30	327.08	314.00	301.92	290.74	280.36	270.69	261.67
158	376.19	359.09	343.48	329.17	316.00	303.85	292.59	282.14	272.41	263.33
159	378.57	361.36	345.65	331.25	318.00	305.77	294.44	283.93	274.14	265.00
160	380.95	363.64	347.83	333.33	320.00	307.69	296.30	285.71	275.86	266.67
161	383.33	365.91	350.00	335.42	322.00	309.62	298.15	287.50	277.59	268.33
162	385.71	368.18	352.17	337.50	324.00	311.54	300.00	289.29	279.31	270.00
163	388.10	370.45	354.35	339.58	326.00	313.46	301.85	291.07	281.03	271.67
164	390.48	372.73	356.52	341.67	328.00	315.38	303.70	292.86	282.76	273.33
165	392.86	375.00	358.70	343.75	330.00	317.31	305.56	294.64	284.48	275.00
166	395.24	377.27	360.87	345.83	332.00	319.23	307.41	296.43	286.21	276.67
167	397.62	379.55	363.04	347.92	334.00	321.15	309.26	298.21	287.93	278.33
168	400.00	381.82	365.22	350.00	336.00	323.08	311.11	300.00	289.66	280.00
169	402.38	384.09	367.39	352.08	338.00	325.00	312.96	301.79	291.38	281.67
170	404.76	386.36	369.57	354.17	340.00	326.92	314.81	303.57	293.10	283.33
171	407.14	388.64	371.74	356.25	342.00	328.85	316.67	305.36	294.83	285.00
172	409.52	390.91	373.91	358.33	344.00	330.77	318.52	307.14	296.55	286.67
173	411.90	393.18	376.09	360.42	346.00	332.69	320.37	308.93	298.28	288.33
174	414.29	395.45	378.26	362.50	348.00	334.62	322.22	310.71	300.00	290.00
175	416.67	397.73	380.43	364.58	350.00	336.54	324.07	312.50	301.72	291.67
176	419.05	400.00	382.61	366.67	352.00	338.46	325.93	314.29	303.45	293.33
177	421.43	402.27	384.78	368.75	354.00	340.38	327.78	316.07	305.17	295.00
178	423.81	404.55	386.96	370.83	356.00	342.31	329.63	317.86	306.90	296.67
179	426.19	406.82	389.13	372.92	358.00	344.23	331.48	319.64	308.62	298.33
180	428.57	409.09	391.30	375.00	360.00	346.15	333.33	321.43	310.34	300.00
181	430.95	411.36	393.48	377.08	362.00	348.08	335.19	323.21	312.07	301.67
182	433.33	413.64	395.65	379.17	364.00	350.00	337.04	325.00	313.79	303.33
183	435.71	415.91	397.83	381.25	366.00	351.92	338.89	326.79	315.52	305.00
184	438.10	418.18	400.00	383.33	368.00	353.85	340.74	328.57	317.24	306.67
185	440.48	420.45	402.17	385.42	370.00	355.77	342.59	330.36	318.97	308.33
186	442.86	422.73	404.35	387.50	372.00	357.69	344.44	332.14	320.69	310.00
187	445.24	425.00	406.52	389.58	374.00	359.62	346.30	333.93	322.41	311.67
188	447.62	427.27	408.70	391.67	376.00	361.54	348.15	335.71	324.14	313.33
189	450.00	429.55	410.87	393.75	378.00	363.46	350.00	337.50	325.86	315.00
190	452.38	431.82	413.04	395.83	380.00	365.38	351.85	339.29	327.59	316.67

Cents/kg liveweight	Dressing percentage									
	42	44	46	48	50	52	54	56	58	60
cents/kg hot standard carcase weight										
191	454.76	434.09	415.22	397.92	382.00	367.31	353.70	341.07	329.31	318.33
192	457.14	436.36	417.39	400.00	384.00	369.23	355.56	342.86	331.03	320.00
193	459.52	438.64	419.57	402.08	386.00	371.15	357.41	344.64	332.76	321.67
194	461.90	440.91	421.74	404.17	388.00	373.08	359.26	346.43	334.48	323.33
195	464.29	443.18	423.91	406.25	390.00	375.00	361.11	348.21	336.21	325.00
196	466.67	445.45	426.09	408.33	392.00	376.92	362.96	350.00	337.93	326.67
197	469.05	447.73	428.26	410.42	394.00	378.85	364.81	351.79	339.66	328.33
198	471.43	450.00	430.43	412.50	396.00	380.77	366.67	353.57	341.38	330.00
199	473.81	452.27	432.61	414.58	398.00	382.69	368.52	355.36	343.10	331.67
200	476.19	454.55	434.78	416.67	400.00	384.62	370.37	357.14	344.83	333.33

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