



Converting hot standard carcass weight prices to liveweight prices

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Since liveweight selling was introduced to Victoria in the early 1970s it has become the predominant form of selling slaughter stock, as it takes away the guesswork of assessing liveweight. Market price quotations for this method of selling are based on cents per kg liveweight.

In March, 1987 AUS-MEAT, the authority for uniform specifications for meat and livestock, introduced the hot standard carcass weight (HSCW) 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 carcass with standard trim (all fats out). The establishment of this uniform language allows comparisons to be made between meatworks and between 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'. The trend in abattoirs and among meat retailers is to quote prices in cents per kg

HSCW. Prices are quoted in cents per kg HSCW in market reports also.

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

To do this 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 agnote is designed to help producers to convert hot standard carcass weight to 'cents per kg liveweight' equivalent. (The agnote; *Converting liveweight prices to hot standard carcass weight prices* should be used when converting liveweight quotes into cents per kg HSCW.)

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

Cents/kg HSCW	Dressing percentage									
	42	44	46	48	50	52	54	56	58	60
	cents/kg liveweight									
150	63.0	66.0	69.0	72.0	75.0	78.0	81.0	84.0	87.0	90.0
152	63.8	66.9	69.9	73.0	76.0	79.0	82.1	85.1	88.2	91.2
154	64.7	67.8	70.8	73.9	77.0	80.1	83.2	86.2	89.3	92.4
156	65.5	68.6	71.8	74.9	78.0	81.1	84.2	87.4	90.5	93.6
158	66.4	69.5	72.7	75.8	79.0	82.2	85.3	88.5	91.6	94.8
160	67.2	70.4	73.6	76.8	80.0	83.2	86.4	89.6	92.8	96.0
162	68.0	71.3	74.5	77.8	81.0	84.2	87.5	90.7	94.0	97.2
164	68.9	72.2	75.4	78.7	82.0	85.3	88.6	91.8	95.1	98.4
166	69.7	73.0	76.4	79.7	83.0	86.3	89.6	93.0	96.3	99.6
168	70.6	73.9	77.3	80.6	84.0	87.4	90.7	94.1	97.4	100.8
170	71.4	74.8	78.2	81.6	85.0	88.4	91.8	95.2	98.6	102.0
172	72.2	75.7	79.1	82.6	86.0	89.4	92.9	96.3	99.8	103.2
174	73.1	76.6	80.0	83.5	87.0	90.5	94.0	97.4	100.9	104.4
176	73.9	77.4	81.0	84.5	88.0	91.5	95.0	98.6	102.1	105.6
178	74.8	78.3	81.9	85.4	89.0	92.6	96.1	99.7	103.2	106.8
180	75.6	79.2	82.8	86.4	90.0	93.6	97.2	100.8	104.4	108.0
182	76.4	80.1	83.7	87.4	91.0	94.6	98.3	101.9	105.6	109.2
184	77.3	81.0	84.6	88.3	92.0	95.7	99.4	103.0	106.7	110.4
186	78.1	81.8	85.6	89.3	93.0	96.7	100.4	104.2	107.9	111.6
188	79.0	82.7	86.5	90.2	94.0	97.8	101.5	105.3	109.0	112.8
190	79.8	83.6	87.4	91.2	95.0	98.8	102.6	106.4	110.2	114.0
192	80.6	84.5	88.3	92.2	96.0	99.8	103.7	107.5	111.4	115.2

Table 1 continued

Cents/kg HSCW	Dressing percentage									
	42	44	46	48	50	52	54	56	58	60
	cents/kg			liveweight						
194	81.5	85.4	89.2	93.1	97.0	100.9	104.8	108.6	112.5	116.4
196	82.3	86.2	90.2	94.1	98.0	101.9	105.8	109.8	113.7	117.6
198	83.2	87.1	91.1	95.0	99.0	103.0	106.9	110.9	114.8	118.8
200	84.0	88.0	92.0	96.0	100.0	104.0	108.0	112.0	116.0	120.0
202	84.8	88.9	92.9	97.0	101.0	105.0	109.1	113.1	117.2	121.2
204	85.7	89.8	93.8	97.9	102.0	106.1	110.2	114.2	118.3	122.4
206	86.5	90.6	94.8	98.9	103.0	107.1	111.2	115.4	119.5	123.6
208	87.4	91.5	95.7	99.8	104.0	108.2	112.3	116.5	120.6	124.8
210	88.2	92.4	96.6	100.8	105.0	109.2	113.4	117.6	121.8	126.0
212	89.0	93.3	97.5	101.8	106.0	110.2	114.5	118.7	123.0	127.2
214	89.9	94.2	98.4	102.7	107.0	111.3	115.6	119.8	124.1	128.4
216	90.7	95.0	99.4	103.7	108.0	112.3	116.6	121.0	125.3	129.6
218	91.6	95.9	100.3	104.6	109.0	113.4	117.7	122.1	126.4	130.8
220	92.4	96.8	101.2	105.6	110.0	114.4	118.8	123.2	127.6	132.0
222	93.2	97.7	102.1	106.6	111.0	115.4	119.9	124.3	128.8	133.2
224	94.1	98.6	103.0	107.5	112.0	116.5	121.0	125.4	129.9	134.4
226	94.9	99.4	104.0	108.5	113.0	117.5	122.0	126.6	131.1	135.6
228	95.8	100.3	104.9	109.4	114.0	118.6	123.1	127.7	132.2	136.8
230	96.6	101.2	105.8	110.4	115.0	119.6	124.2	128.8	133.4	138.0
232	97.4	102.1	106.7	111.4	116.0	120.6	125.3	129.9	134.6	139.2
234	98.3	103.0	107.6	112.3	117.0	121.7	126.4	131.0	135.7	140.4
236	99.1	103.8	108.6	113.3	118.0	122.7	127.4	132.2	136.9	141.6
238	100.0	104.7	109.5	114.2	119.0	123.8	128.5	133.3	138.0	142.8
240	100.8	105.6	110.4	115.2	120.0	124.8	129.6	134.4	139.2	144.0
242	101.6	106.5	111.3	116.2	121.0	125.8	130.7	135.5	140.4	145.2
244	102.5	107.4	112.2	117.1	122.0	126.9	131.8	136.6	141.5	146.4
246	103.3	108.2	113.2	118.1	123.0	127.9	132.8	137.8	142.7	147.6
248	104.2	109.1	114.1	119.0	124.0	129.0	133.9	138.9	143.8	148.8
250	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0
252	105.8	110.9	115.9	121.0	126.0	131.0	136.1	141.1	146.2	151.2
254	106.7	111.8	116.8	121.9	127.0	132.1	137.2	142.2	147.3	152.4
256	107.5	112.6	117.8	122.9	128.0	133.1	138.2	143.4	148.5	153.6
258	108.4	113.5	118.7	123.8	129.0	134.2	139.3	144.5	149.6	154.8
260	109.2	114.4	119.6	124.8	130.0	135.2	140.4	145.6	150.8	156.0
262	110.0	115.3	120.5	125.8	131.0	136.2	141.5	146.7	152.0	157.2
264	110.9	116.2	121.4	126.7	132.0	137.3	142.6	147.8	153.1	158.4
266	111.7	117.0	122.4	127.7	133.0	138.3	143.6	149.0	154.3	159.6
268	112.6	117.9	123.3	128.6	134.0	139.4	144.7	150.1	155.4	160.8
270	113.4	118.8	124.2	129.6	135.0	140.4	145.8	151.2	156.6	162.0
272	114.2	119.7	125.1	130.6	136.0	141.4	146.9	152.3	157.8	163.2
274	115.1	120.6	126.0	131.5	137.0	142.5	148.0	153.4	158.9	164.4
276	115.9	121.4	127.0	132.5	138.0	143.5	149.0	154.6	160.1	165.6
278	116.8	122.3	127.9	133.4	139.0	144.6	150.1	155.7	161.2	166.8
280	117.6	123.2	128.8	134.4	140.0	145.6	151.2	156.8	162.4	168.0
282	118.4	124.1	129.7	135.4	141.0	146.6	152.3	157.9	163.6	169.2
284	119.3	125.0	130.6	136.3	142.0	147.7	153.4	159.0	164.7	170.4
286	120.1	125.8	131.6	137.3	143.0	148.7	154.4	160.2	165.9	171.6
288	121.0	126.7	132.5	138.2	144.0	149.8	155.5	161.3	167.0	172.8
290	121.8	127.6	133.4	139.2	145.0	150.8	156.6	162.4	168.2	174.0
292	122.6	128.5	134.3	140.2	146.0	151.8	157.7	163.5	169.4	175.2
294	123.5	129.4	135.2	141.1	147.0	152.9	158.8	164.6	170.5	176.4
296	124.3	130.2	136.2	142.1	148.0	153.9	159.8	165.8	171.7	177.6
298	125.2	131.1	137.1	143.0	149.0	155.0	160.9	166.9	172.8	178.8
300	126.0	132.0	138.0	144.0	150.0	156.0	162.0	168.0	174.0	180.0
302	126.8	132.9	138.9	145.0	151.0	157.0	163.1	169.1	175.2	181.2

Table 1. continued

Cents/kg HSCW	Dressing percentage									
	42	44	46	48	50	52	54	56	58	60
			cents/kg					liveweight		
304	127.7	133.8	139.8	145.9	152.0	158.1	164.2	170.2	176.3	182.4
306	128.5	134.6	140.8	146.9	153.0	159.1	165.2	171.4	177.5	183.6
308	129.4	135.5	141.7	147.8	154.0	160.2	166.3	172.5	178.6	184.8
310	130.2	136.4	142.6	148.8	155.0	161.2	167.4	173.6	179.8	186.0
312	131.0	137.3	143.5	149.8	156.0	162.2	168.5	174.7	181.0	187.2
314	131.9	138.2	144.4	150.7	157.0	163.3	169.6	175.8	182.1	188.4
316	132.7	139.0	145.4	151.7	158.0	164.3	170.6	177.0	183.3	189.6
318	133.6	139.9	146.3	152.6	159.0	165.4	171.7	178.1	184.4	190.8
320	134.4	140.8	147.2	153.6	160.0	166.4	172.8	179.2	185.6	192.0
322	135.2	141.7	148.1	154.6	161.0	167.4	173.9	180.3	186.8	193.2
324	136.1	142.6	149.0	155.5	162.0	168.5	175.0	181.4	187.9	194.4
326	136.9	143.4	150.0	156.5	163.0	169.5	176.0	182.6	189.1	195.6
328	137.8	144.3	150.9	157.4	164.0	170.6	177.1	183.7	190.2	196.8
330	138.6	145.2	151.8	158.4	165.0	171.6	178.2	184.8	191.4	198.0
332	139.4	146.1	152.7	159.4	166.0	172.6	179.3	185.9	192.6	199.2
334	140.3	147.0	153.6	160.3	167.0	173.7	180.4	187.0	193.7	200.4
336	141.1	147.8	154.6	161.3	168.0	174.7	181.4	188.2	194.9	201.6
338	142.0	148.7	155.5	162.2	169.0	175.8	182.5	189.3	196.0	202.8
340	142.8	149.6	156.4	163.2	170.0	176.8	183.6	190.4	197.2	204.0
342	143.6	150.5	157.3	164.2	171.0	177.8	184.7	191.5	198.4	205.2
344	144.5	151.4	158.2	165.1	172.0	178.9	185.8	192.6	199.5	206.4
346	145.3	152.2	159.2	166.1	173.0	179.9	186.8	193.8	200.7	207.6
348	146.2	153.1	160.1	167.0	174.0	181.0	187.9	194.9	201.8	208.8
350	147.0	154.0	161.0	168.0	175.0	182.0	189.0	196.0	203.0	210.0

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