

# User's Guide to USDA's Pork Carcass Cutout

#### What is it?

The pork carcass cutout represents the value of an individual pork carcass and is based on the amounts of the various cuts produced by that carcass and the prices of those cuts. Its value is expressed in dollars per hundred pounds (centi-weight or cwt). Theoretically, each hog has a unique cutout value.

Every pork slaughter plant computes a plant cutout value that represents the average value of the carcasses produced by that plant in a specified time period. The plant cutout value is determined by the amount of pork cuts produced and prices received for those cuts. A plant's cutout value is confidential, proprietary information and is the single most important determinant of the price the plant will pay for hogs.

USDA's Estimated Pork Carcass Cutout (PCC) is the estimated value of a standardized pork carcass (currently 55-56% lean, 215 pounds) based upon industry-average cut yields and average market prices of sub-primal pork cuts. Industry-average cut yields are updated by USDA annually in January and based on the results of a survey of packers the previous July. Market prices come from USDA wholesale pork, lard, and meat and bone meal price reports.

The PCC reflects the overall supply and demand situation for wholesale pork cuts. Composite values are calculated each day for the various pork primals and these values are combined to reflect a single composite value of a pork carcass. These cuts reflect a standard cutting specification and must be traded on a negotiated basis to deliver within ten days of time of sale for combos (large totes or containers that hold approximately 2,000 lbs of product) and 14 days for boxed product. Figure 1 shows a typical cutout value price report as it appears in USDA's National Daily Pork Report (LM\_PK602).

# Figure 1, USDA ESTIMATED COMPOSITE PORK CARCASS CUTOUT (Based on FOB Plant Pork Prices and Industry Yields)

Calculations for a 215 lb. Pork Carcass, 55-56% lean, 0.55" - .70" backfat at last rib

DATE	TOTAL LOADS	ситоит	LOIN	BUTT	PIC	RIB	НАМ	BELLY
01/18	307.2	76.10	68.87	78.36	60.43	104.74	79.86	99.32
Change	-	1.79	2.43	2.30	3.66	-0.40	2.12	1.21
01/17	260.1	74.31	66.44	76.06	56.76	105.14	77.74	98.11
01/16	350.4	73.32	64.31	77.04	54.09	106.35	76.85	97.47
01/15	456.9	73.88	66.95	78.10	58.89	107.34	73.18	97.96
01/14	191.7	74.81	65.71	79.13	58.23	104.93	77.47	99.69
Current Five Day Simple Average								
-	-	74.48	66.46	77.74	57.68	105.70	77.02	98.51

Note: Value may change without adequate test.

### **Background Information**

In the fabrication process, pork carcasses are broking into primal units which, in turn, are broken into various sub-primal cuts. Primals can be cut in different styles to make different sets of sub-primals to fit customer and consumer needs. Sub-primal fabrication also produces by-products of varying type and quantity. These by-products (such items as trimmings, bone, fat, and skin) have value that must be added into the primal value to fully account for all parts of the carcass.

The potential value of subprimals generally depends on how much work must be done on the primal cut to extract the specific sub-primal. Boneless cuts require more fabrication and thus cost more to produce than do bone-in cuts. They are also worth more to end users because they require less end-user labor and contain less waste product. The same is true of fat trimming. Styles produced and sold in larger volume will have more impact on the overall cutout. Seasonal shifts in the relative amount and types of cut styles are reflected in the PCC by weighting the various styles according to the volume of each cut style reported to USDA.

#### How does it work?

The PCC is a series of mathematical calculations which uses current sub-primal pork cut prices and industry-average cut yields to calculate primal values. Industry-average primal cut yields are then used to translate primal values into a carcass value. These steps and their accompanying calculations are best illustrated through a sample calculation. The same series of steps is followed for all of the other pork primals.

For example, the steps in determining the value of a 1/4" trimmed pork loin cut in the bone-in center cut, tender-in vacuum-packed loin cutting style are outlined below. This cutting style breaks the primal cut (a 1/4" trimmed pork loin) into four primary sub-primals. (bone-in center cut, tender-in loin; boneless sirloin; blade ends; and butt tender) and three by-products (72% trim; 42% trim; and bone). The yields of these components appear in Figure 2 and in Appendix A, Table A-1 under style #6. Note that 0.53% of the loin is unaccounted for in these yields and assigned to "shrink" at a value of zero. Shrink is caused by moisture loss and cutting loss.



# Step 1: Sub-Primal Cuts to Primal Value

A value for each component is determined by deducting packaging costs from each component's market price. Each component's contribution to the primal value is computed by multiplying its individual value by its yield factor. Those are summed to determine the primal's gross value and a labor factor is deducted to compute its net value.

USDA bases its labor costs on the total percent of the primal cut that is not accounted for in the primary sub-primal. In our example, the primary sub-primal (bone-in center cut, tender-in loin) yield from the primal is 62.01%. Labor was required to remove the remaining 37.99% of the primal. To calculate labor costs, USDA multiplies 37.99% by an industry standard \$33.00 processing cost. This results in \$12.54 in labor cost which is subtracted to arrive at a labor-free value of the original primal.

Figure 2: Calculation of the value of a ¼" Trim Primal Loin using the Bone-in Center Cut, Tender-In cutting style

Bone-in Center Cut, Tender-in Loin: 62.01% * \$130.42 = \$80.87	+
Boneless Sirloin: 8.10% * \$93.32 =\$7.56	+
Blade Ends: 11.89% * \$57.23 = \$6.80	+
Butt Tender: 1.31% * \$198.52 = \$2.60	+
72% Trimmings: 6.53% * \$59.78 = \$3.90	+
42% Trimmings: 4.76% * \$22.25 = \$1.06	+
Bone: 4.87% * \$5.26 = \$0.26	+
Shrink: 0.53% * \$0.00 = \$0.00	+
Labor: 1 – 62.01% = 37.99% * \$33.00 = \$-12.54	=

Value of a ¼" primal loin cut into a bone-in center cut, tender in loin: \$90.51



# **Step 2: Primal Values to Composite Primal Value**

The calculations outlined in Step 1 determine a primal value for each cutting style based on the sub-primals produced by that style. As can be seen in Figure 1 and Table A-1 in the Appendix, there are nine specified cutting styles for loins. To determine an overall primal value, the values of the various cutting style values are combined based on the volumes of the various cutting styles reported to USDA. These calculations are shown in Figure 3. The result is an average composite value for a 1/4" trimmed loin primal. In this case, the value is \$70.18 per cwt. Or 70.18 cents per pound.

Figure 3: Creating a composite primal value from sub-primal style values

Loin 1 1/4" Trim Loin VAC: 9.40 lds @ \$70.69	+
Loin 2 - 1/4" Trimmed Loin Combo: 5.87 lds @ \$64.45	+
Loin 3 - 1/8" Trimmed Loin VAC: 12.72 lds @ \$70.83	+
Loin 4 - 1/8" Trimmed Loin Paper: 0.29 lds @ \$86.25	+
Loin 5 - 1/8" Trimmed Loin Combo: 2.15 lds @ \$60.14	+
Loin 6 - Bone-in CC, Tender-in Loin VAC: 3.96 lds @ \$91.51	+
Loin 7 - Bnls CC Strap-on Loin: 28.00 lds @ \$68.36	+
Loin 8 - Bnls CC, Strap-off: Loin 33.14 lds @ \$70.43	=
Composite 1/4" Trimmed Primal Loin Value = \$70.18	



### Step 3: Composite Primal to Untrimmed (Drop) Primal

The next step is to convert the "trimmed" primal value to an untrimmed or commodity primal value. The appropriate "Trimmed Primal to Untrimmed Primal" table is used to determine this value (see Figure 4). Note that there is no "trimmed-to-untrimmed" adjustment for hams, since the beginning ham subprimals (Selected Hams 20-23# and 23-37#) are untrimmed (i.e. have a yield of 100% in Table A-5). For picnics, all four styles in Table A-3 start with an untrimmed picnic, so no "trimmed-to-untrimmed" adjustment is necessary.

Figure 4: Trimmed composite primal to untrimmed (drop) primal

Component	%	Value	Total
1/4"Loin	84.95%	\$70.18	\$59.62
T/Trace	0.32%	\$34.05	\$0.11
Fat	11.21%	\$19.60	\$2.20
Skin	3.52%	\$28.55	\$1.00
Drop Loin	100.0%		\$62.93

### **Step 4: Drop Primals to Carcass Cutout**

In Step 4, we combine the composite primal loin value calculated in Step 3 with similar values calculated for the other six primals and four individual carcass parts to determine a composite cutout (see Figure 5). Each primal is weighted by the percentage of the entire carcass that it represents (its yield). Note occurs during the fabrication process. This loss is generally parts of the carcass that are too small to be used (such as saw and blade residues) or become contaminated (dropped on the floor) and are deemed inedible. The percentage of cut loss is simply that amount not accounted for by other cuts and pieces. The value of cut loss is the value of rendered product.

Figure 5: Composite primal values to cutout value

Composite Primal Loin Value: 25.30% * \$63.07 = \$15.96	+
Composite Primal Butt Value: 10.19% * \$82.84 = \$8.44	+
Composite Primal Picnic Value: 11.41 * \$39.89 = \$4.55	+
Composite Primal Sparerib Value: 4.83% * \$120.81 = \$5.84	+
Composite Primal Ham Value: 24.50% * \$46.16 = \$11.31	+
Composite Primal Belly Value: 16.31% * \$129.23 = \$21.08	+
Composite Primal Jowl Value: 1.35% * \$32.94 = \$0.44	+
Hind Feet: 1.24% * \$21.10 = \$0.26	+
Neck Bones: 1.70% * \$50.19 = \$0.85	+
Tails: 0.14% * \$68.78= \$0.10	+
Front Feet 0.97% * \$60.28 = \$0.58	+
Cut Loss: 2.06% * \$4.30 = \$0.09	=
Composite Cutout Value = \$69.50	

## National Weekly Comprehensive Pork Report

The National Weekly Comprehensive Pork Report covers weekly market activity from Monday to Friday and includes the comprehensive value and volumes of all reported wholesale pork trade with the exception of specialty pork products. The report is issued on the first reporting day of the week at 1:00 p.m. Central Time under report numbers LM\_PK680 and LM\_PK681.

The report includes an estimated value of a standard pork carcass and primals based on the various individual cuts and prices of those cuts. The values and volume reflect marketplace activity for all destinations (including export), sales types, delivery periods, refrigeration types, and packaging styles with the exception of specialty products.

On January 4, 2021, USDA expanded the report to capture the emerging market for actual carcass transactions. It's important to recognize that the existing comprehensive estimated carcass cutout value is derived from multiple sale prices from each sub-primal portion of a carcass, reassembled into a single value, where actual carcass transactions are a single price for the entire carcass. If there are actual pork carcass trades for the week, the report will show the volume for all trades. The price will also be included in the aggregate comprehensive pork carcass cutout value calculation on a 1:1 weighted average ratio.

Figure 6 is an example of a single week's reported aggregate comprehensive pork carcass cutout value and the table in Figure 7 demonstrates how the aggregate comprehensive pork cutout value is calculated if there are actual pork carcass trades for the week. This calculation takes place after Steps 1 through 4 listed in this overview; if there are no pork carcass trades for the week, the comprehensive cutout value follows the original methodology listed above in Steps 1 through 4. A 1:1 weighted average value or Aggregate Comprehensive Carcass Cutout Value is calculated using the existing Comprehensive Estimated Carcass Cutout Value derived from the sub-primals and the Comprehensive Actual Carcass Trade Value derived from transactions.

The report also includes reported trade volumes for barrow and gilt meat on a weekly basis, and reported trade volumes for sow, boar, and mixed (sow, boar, barrow/gilt) meat on a weekly basis. However, given the LMR confidentiality guideline, "only boar meat" is not reported at this time.



**Figure 6: Comprehensive Pork Carcass Cutout** 

	Carcass	Loin	Butt	Picnic	Rib	Ham	Belly
01/18/2021	74.21	74.47	75.18	54.99	120.30	55.16	114.55
Change:	4.22	1.88	4.29	-3.52	1.52	8.59	4.69

**Total Load Count (Cuts, Trimmings, Processed):** 6,082.00

#### Weekly Pork Cuts FOB Plant - Comprehensive - Barrow/Gilt Only

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Current Volume – one load equals 40,000 pounds (lbs.)						
Loin	1,190.27 loads	47,610,915 lbs.				
Butt	674.36 loads	26,974,514 lbs				
Picnic	276.81 loads	11,072,271 lbs.				
Rib	432.31 loads	17,292,501 lbs.				
Ham	1,549.42 loads	61,977,139 lbs.				
Belly	586.25 loads	23,449,982 lbs.				
Trimmings	1,044.37 loads	41,774,629 lbs.				
Variety	162.07 loads	6,482,897 lbs.				
Added Ingredients	136.89 loads	5,475,719 lbs.				
Carcass	5.70 loads	228,000 lbs.				

Figure 7: Calculating the Comprehensive Pork Carcass Cutout Value

	Volume	Price	Total
Existing Comprehensive Estimated Carcass Cutout Value (derived from sub-primals)	243,040,000 lbs.	\$74.22	\$18,038,428,800.00
Comprehensive Actual Carcass Trade Value (derived from transactions)	228,000 lbs.	\$67.71	\$15,437,880.00
Aggregate Comprehensive Carcass Cutout Value	243,268,000 lbs.	\$74.21	\$18,053,866,680.00

# **Appendix A: Yield Percentages**

Bone		-	-	-	-	-	4.87%	15.36%	15.36%
Fat	\$0.60	_	_	3.66%	3.66%	3.66%	4.70%	J.40%0 -	0.23%
42% Trim	\$0.80	_	_	-	-	_	4.76%	5.48%	6.23%
72% Trim	\$0.80	_	_	-	-	_	6.53%	14.93%	18.59%
Riblets	\$13.00	_	_	-	-	_	-	1.54%	1.54%
Backribs 2.0#/up	\$6.50 \$15.00	_	_	-	-	_	1.31%	10.65%	10.659
Tenderloin Butt Tender	\$12.00 \$6.50	_	_	-	-	-	1 210/	4.82%	4.82%
	\$7.00	-	-	-	-	-	11.89%	4.020/	4 020
Blade Ends	\$5.50 \$7.00	_	_	-	-	_	11 000/	_	_
Boneless Sirloin Bone-in Sirloin	\$5.50	-	-	-	-	-	8.10%	7.71%	7.71%
Bnls CC Strap-off	\$6.75	-	-	-	-	-	- 0.100/	7 710/	34.38 <sup>0</sup>
Bnls CC Strap-on	\$6.75	-	-	-	-	-	-	38.77%	
Bone-in CC, Tender-in VAC	\$6.75	-	-	-	-	-	62.01%	-	-
1/8" Trimmed Loin Combo	\$0.80	-	-	-	-	96.11%	-	-	-
1/8" Trimmed Loin Paper	\$3.25	-	-	-	96.11%	-	-	-	-
1/8" Trimmed Loin VAC	\$5.50	-	-	96.11%	-	-	-	-	-
1/4" Trimmed Loin Combo	\$0.80	-	100.0%	-	-	-	-	-	-
1/4" Trimmed Loin VAC	\$5.50	100.0%	-	-	-	-	-	-	-
LOIN Components	Packaging Adjustment	#1	#2	#3	#4	#5	#6	#7	#8
#3 – 1/8" Trimmed Loin VAC #6 – Bone-in CC, Tender-in Loin VAC									
#2 – 1/4" Trimmed Loin Combo #5 – 1/8" Trimmed Loin Combo #8 – Bnls CC, Strap-off Loin									
#1 – 1/4" Trimmed Loin VAC	#4 – 1/8"	Trimmed L	oin Paper.	#7	′ – Bnls CC,	Strap-on L	oin		

\$3.25 \$6.00 \$0.80 \$0.80	- - - - - - 0.00%	- - - - - - - 0.00%	- - - - - - - 0.00%	1.45% 2.97% - 0.31%	- - 11.73% - - - 0.32%	11.78% - 2.97% - 0.31%	1.94% - - - 7.24% 0.31%	90.51% - 1.94% 7.24% 0.31% -	2.97% - 0.31%
\$3.25 \$6.00 \$0.80	- - - - - - 0.00%	- - - - - - 0.00%	- - - - - - 0.00%	2.97% -	- - -	- 2.97% -	- 1.94% - - 7.24%	- 1.94% - - 7.24%	11.78% - 2.97% -
\$3.25 \$6.00 \$0.80		- - - -	- - - - -		-	-	- - 1.94% - -	- 1.94% - -	11.78% -
\$3.25 \$6.00 \$0.80		- - - -	- - - -		-	-	-	-	11.78% -
\$3.25 \$6.00 \$0.80		- - - -	- - - -	- - - - 1.45%	- - - 11.73%	- - - 11.78%	-	-	
\$3.25 \$6.00	-	- - -	- - -	- - -	- - - 11.73%	- - - 11.78%	-	-	
\$3.25	-	- - -	- - -	- - -	- - -	- -	-	90.51%	- 84.94%
	-	-	-	-	-	-	-	90.51%	-
\$5.00	-	-	_	_	-	-	30.3170		
¢E 00							90 51%	_	_
\$4.75	-	-	-	-	-	84.94%	-	-	-
\$4.75	-	-	-	-	87.95%	-	-	-	-
\$5.50	-	-	-	95.27%	-	-	-	-	-
\$0.80	-	-	100.0%	-	-	-	-	-	-
\$3.25	-	100.0%	-	-	-	-	-	-	-
\$4.50	100.0%	-	-	-	-	-	-	-	-
Packaging Adjustment	#1	#2	#3	#4	#5	#6	#7	#8	#9
#6 – 1/8" Trim	med Steak	Ready Bu	tt VAC	#9 – 1/8"	Trimmed S	Steak Read	dy Butt 1 P	c Vac	
#5 – 1/4" Trim	med Steak	k Ready Bu	itt VAC	#8 - 1/4"	Trimmed I	Bnls Butt F	Poly		
#4 - 1/8" Trim	#4 – 1/8" Trimmed Butt VAC #7 – 1/4" Trimmed Bnls Butt VAC								
	#4 – 1/8" Trim #5 – 1/4" Trim #6 – 1/8" Trim Packaging Adjustment \$4.50 \$3.25 \$0.80 \$5.50 \$4.75 \$4.75	#5 – 1/4" Trimmed Steak #6 – 1/8" Trimmed Steak Packaging Adjustment #1 \$4.50 100.0% \$3.25 - \$0.80 - \$5.50 - \$4.75 - \$4.75 -	#4 – 1/8" Trimmed Butt VAC #5 – 1/4" Trimmed Steak Ready Bu #6 – 1/8" Trimmed Steak Ready Bu Packaging Adjustment #1 #2  \$4.50 100.0% - \$3.25 - 100.0% \$0.80 \$5.50 \$4.75 \$4.75	#4 – 1/8" Trimmed Butt VAC #5 – 1/4" Trimmed Steak Ready Butt VAC #6 – 1/8" Trimmed Steak Ready Butt VAC Packaging Adjustment #1 #2 #3  \$4.50	#4 – 1/8" Trimmed Butt VAC #7 – 1/4" #5 – 1/4" Trimmed Steak Ready Butt VAC #8 – 1/4" #6 – 1/8" Trimmed Steak Ready Butt VAC #9 – 1/8"  Packaging Adjustment #1 #2 #3 #4  \$4.50 100.0%	#4 – 1/8" Trimmed Butt VAC #7 – 1/4" Trimmed #5 – 1/4" Trimmed Steak Ready Butt VAC #8 – 1/4" Trimmed #6 – 1/8" Trimmed Steak Ready Butt VAC #9 – 1/8" Trimmed #9 – 1/8" Trimmed #9 – 1/8" Trimmed #5 Adjustment #4 #5 #4.50 100.0%	#4 – 1/8" Trimmed Butt VAC #7 – 1/4" Trimmed Bnls Butt VAC #8 – 1/4" Trimmed Bnls Butt VAC #8 – 1/4" Trimmed Bnls Butt VAC #8 – 1/4" Trimmed Bnls Butt VAC #9 – 1/8" Trimmed Steak Ready Butt VAC #5 #6	#4 – 1/8" Trimmed Butt VAC #5 – 1/4" Trimmed Steak Ready Butt VAC #6 – 1/8" Trimmed Steak Ready Butt VAC Packaging Adjustment  \$4.50	#4 – 1/8" Trimmed Butt VAC #7 – 1/4" Trimmed Bnls Butt VAC #8 – 1/4" Trimmed Bnls Butt VAC #8 – 1/4" Trimmed Bnls Butt Poly #6 – 1/8" Trimmed Steak Ready Butt VAC #9 – 1/8" Trimmed Steak Ready Butt 1 Pc Vac  Packaging Adjustment #1 #2 #3 #4 #5 #6 #7 #8  \$4.50 100.0%

Table A-3: Picnic styles and yields							
Picnic Primal Styles:							
#1 – SS Smkr Trim Picnic VAC #3 – Picnic Meat Combo Cushion Out							
#2 – SS Smker Trim Picnic Paper	#4 – SS Smkr Trim Picnic 1 Pc Vac						
PICNIC Components	Packaging #1 #2 #3						
SS Smoker Trim Picnic VAC	\$7.50	73.27%	-	-	-		
SS Smoker Trim Picnic Paper	\$3.25	-	73.27%	-	-		
Picnic Meat Combo Cushion Out	\$0.80	-	-	50.01%	-		
SS Smoker Trim Picnic 1 Pc Vac	\$8.50	-	-	-	73.27%		
Picnic Cushion Meat VAC	\$5.25	-	-	22.37%	-		
72% Trim	\$0.80	11.42%	11.42%	-	11.42%		
42% Trim	\$0.80	1.69%	1.69%	-	1.69%		
Hocks		6.40%	6.40%	-	6.40%		
Fat		3.40%	3.40%	2.19%	3.40%		
Skin		3.40%	3.40%	9.75%	3.40%		
Bone		-	-	15.28%	-		
Shrink		0.42%	0.42%	0.40%	0.42%		
Labor					-		
Total Percentage		100.0%	100.0%	100.0%	100.0%		

Table A-4: Sparerib styles and	yields		
Sparerib Primal Styles:			
#1 – Trimmed Sparerib - LGT			
#2 – Trimmed Sparerib - MED			
SPARERIB Components	Packaging Adjustment	#1	#2
Trmd Sparerib - LGT	\$9.00	100.0%	-
Trmd Sparerib - MED	\$9.00	-	100.0%
Shrink		0.00%	0.00%
Labor		-	-
Total Percentage		100.0%	100.0%

Table A-5: Ham styles	and yields								
Ham Primal Styles:									
#1 – Trmd Selected Ham 20-23#'s		#4 –4 Muscle Ham to Blue		#7 –	Outsides				
#2 – Trmd Selected Ham 23-27#'s		#5 – Roll Out Ham		#8 -	Knuckles				
#3 – 3 Muscle Ham to Blue		#6 – Insides							
HAM Components	Packaging Adjustment	#1	#2	#3	#4	#5	#6	#7	#8
Trmd Selected Ham 20-23#	\$0.80	100.0%	-	-	-	-	-	-	-
Trmd Selected Ham 23-27#	\$0.80	-	100.0%	-	-	-	-	-	-
3 Muscle Ham to Blue	\$1.00	-	-	44.45%	-	-	-	-	-
4 Muscle Ham to Blue	\$1.00	-	-	-	46.41%	-	-	-	-
Roll Out Ham	\$1.00	-	-	-	-	59.79%	-	-	-
Insides	\$1.00	-	-	-	-	-	16.54%	16.54%	16.54%
Outsides	\$1.00	-	-	-	-	-	18.03%	18.03%	18.03%
Knuckles	\$1.00	-	-	-	-	-	9.88%	9.88%	9.88%
Lite Butt	\$1.00	-	-	1.96%	-	-	1.96%	1.96%	1.96%
Inner Shank	\$1.00	-	-	4.42%	4.42%	-	4.56%	4.56%	4.56%
Outer Shank	\$1.00	-	-	4.41%	4.41%	3.98%	3.96%	3.96%	3.96%
72% Trim	\$0.80	-	-	11.31%	11.31%	4.82%	11.18%	11.18%	11.18%
42% Trim	\$0.80	-	-	7.13%	7.13%	4.52%	7.12%	7.12%	7.12%
Fat		-	-	8.34%	8.34%	8.70%	8.49%	8.49%	8.49%
Skin		-	-	6.78%	6.78%	6.93%	6.93%	6.93%	6.93%
Bone		-	-	10.60%	10.60%	10.64%	10.81%	10.81%	10.81%
Shrink		0.00%	0.00%	0.60%	0.60%	0.62%	0.54%	0.54%	0.54%
Labor		-	-	-	-	-	-	-	-
Total Percentage		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table A-6: Belly styles and yields						
Belly Primal Styles:	Belly Primal Styles:					
#1 – Derind Belly 9-13#	:					
#2 – Derind Belly 13-17	#					
BELLY Components	#1	#2				
Derind Belly 9-13#	\$0.80	81.81%	-			
Derind Belly 13-17#	\$0.80	-	81.81%			
72% Trim	\$0.80	1.44%	1.44%			
42% Trim	\$0.80	4.46%	4.46%			
Fat		1.45%	1.45%			
Skin		10.41%	10.41%			
Shrink		0.43%	0.43%			
Labor		-	-			
Total Percentage 100.0% 100.0%						

Table A-7: Jowl style and yields				
Jowl Primal Styles:				
#1 – Skinned Jowl				
Jowl Components Packaging #1				
Skinned Jowl Combo	\$0.80	78.78%		
Skin		20.45%		
Shrink		0.77%		
Labor		-		
Total Percentage	100.0%			

## **Appendix B: Trimmed to Untrimmed Adjustments**

1/4" Trimmed Loin Primal to Untrimmed				
Component	%	Value	Total	
1/4" Loin	84.95%	\$70.18	\$59.62	
T/Trace	0.32%	\$34.05	\$0.11	
Fat	11.21%	\$19.60	\$2.20	
Skin	3.52%	\$28.55	\$1.00	
Drop Loin			\$62.93	

1/4" Trimmed Butt Primal to Untrimmed					
Component	%	Value	Total		
1/4" Butt	86.67%	\$92.00	\$79.74		
T/Trace	2.41%	\$34.05	\$0.82		
Fat	5.93%	\$19.60	\$1.16		
Skin	4.99%	\$22.38	\$1.12		
Drop Loin			\$82.84		

Trimmed Sparerib Primal to Untrimmed				
Component	%	Value	Total	
Ribs	96.15%	\$124.87	\$120.06	
Fat	3.85%	\$19.60	\$0.75	
Drop Loin			\$120.81	

Trimmed Belly Primal to Untrimmed				
Component	%	Value	Total	
Belly	98.14%	\$131.27	\$128.83	
42% Trim	1.86%	\$21.25	\$0.40	
Drop Loin			\$129.23	

# Appendix C: Primal Cutout Weighting/Yields for Composite Cutout

Primal Yield to Carcass				
Loin	25.30%			
Butt	10.19%			
Picnic	11.41%			
Sparerib	4.83%			
Ham	24.50%			
Belly	16.31%			
Jowl	1.35%			
Neck Bones	1.70%			
Tails	0.14%			
Front Feet	0.97%			
Hind Feet	1.24%			
Cut Loss	2.06%			