





63%

1400 lb.

Hide & Offal By-Products

Drop 37% Pharmaceuticals

Variety Meats 882 lb.







Relationship Between Marbling, Maturity and Beef Carcass Grade*

Degrees of Marbling	А	В	С	D	Е	Degrees of Marbling
Slightly Abundant	Prime					Slightly Abundant
Moderate			Commerci al			Moderate
Modest	Choice					Modest
Small						Small
Slight	Select			Utility		Slight
Traces					Cutter	Traces
Practically Devoid	Standard					Practically Devoid

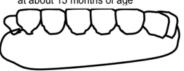
^{*} Assumes that firmness of lean is comparably developed with the degree of marbling and that the carcass is not a "dark cutter."

 ^{**} Maturity increases from left to right (A through E)
 *** The A maturity portion of the Figure is the only portion applicable to bullock carcasses.

Dentition for Carcass Maturity

The detention depicted represents cattle less than 30 months of age.

Full set of 8 temporary teeth, at about 15 months of age



Erupting first set of permanent incisor.



Erupted first set of permanent incisor.



Temporary incisors



Erupting third permanent incisor, top of tooth **NOT** above gum line, animal less than 30 months of age.

The detention depicted represents cattle 30 months of age or older

First set permanent incisors



Erupted third permanent incisor, top of tooth above gum line, animal 30 months of age.

Erupting forth permanent incisor.



Erupted third permanent incisor (with top corners of the tooth above the gum line), animal 30 months of age or older.



Four permanent incisor, (with top corners of the second set above the gum line), animal 30 months of age or older.

Full set of permanent incisors, animal over 48 months of age.





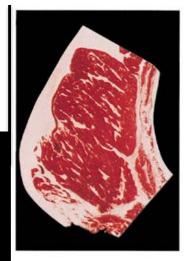
Effective December 17, 2017

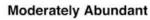
Carcass Maturity - Grader looks Primarily at Skeletal Maturity

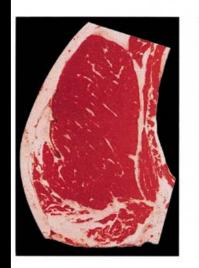


Marbling at the 12th/13th Rib



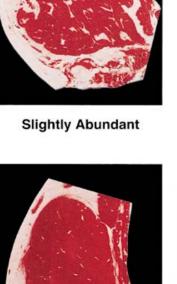




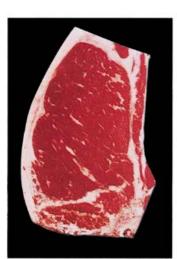


Modest





Small



Moderate



Slight

Moderately Abundant Slightly Abundant Moderate Modest Small Slight

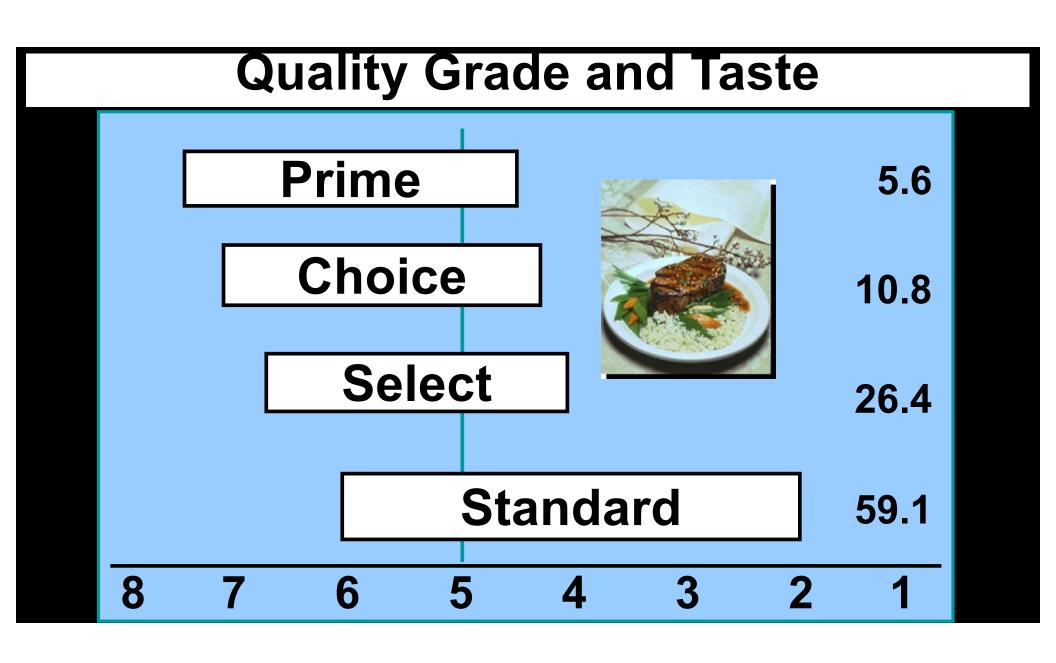
Quality Grade?



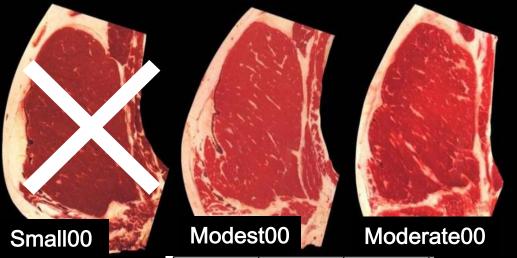
Moderately Abundant Slightly Abundant Moderate Slight Modest Small

Quality Grade?



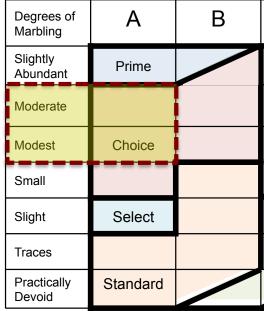


Upper 2/3's Choice
Top Choice
Premium Choice

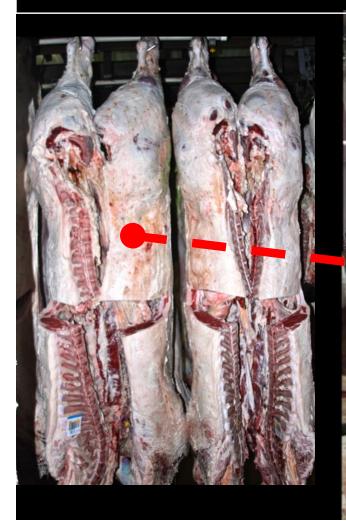


These are NOT official USDA grades but are often referred to by premium and/or certified programs





Yield Grade = Lean Meat Yield







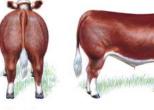


Yield Grade

Yield Grade 1

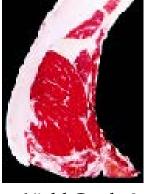
Yield Grade 2

Yield Grade 3









Yield Grade 1

Yield Grade 2

Yield Grade 3



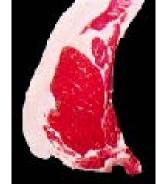












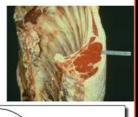
Yield Grade 4

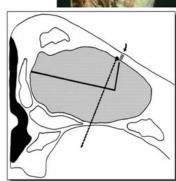


Starting Point - PYG

Fat opposite ribeye, inch	PYG
.0	2.0

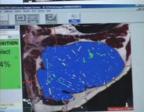
Ĵ.	2.25
.2	2.50
.3	2.75
.4	3.00
.5	3.25
.6	3.50
.7	3.75
.8	4.00
1.0	4 50

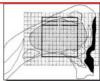




Adjustment 2 Ribeye Area

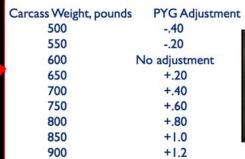






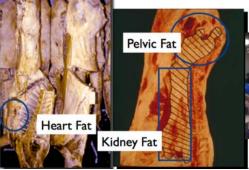
//	
ibeye area, sq. in.	PYG Adjustment
9.5	+.49
10.0	+.33
10.5	+.16
11.0	No adjustment
11.5	16
12.0	33
12.5	49
13.0	66
13.5	82
14.0	-1.0
14.5	-1.16
15.0	-1.33

Adjustment I Carcass Weight





A P	%KPH	Adjustment to PYG
Adjustment 3	1.5	40
Kidney Pelvic	2.0	30
A SALES CONTROL OF THE SALES C	2.5	20
and Heart Fat	3.0	10
	3.5	No adjustment
	4.0	+ 10





Types of Certified Beef and Process Verified Programs

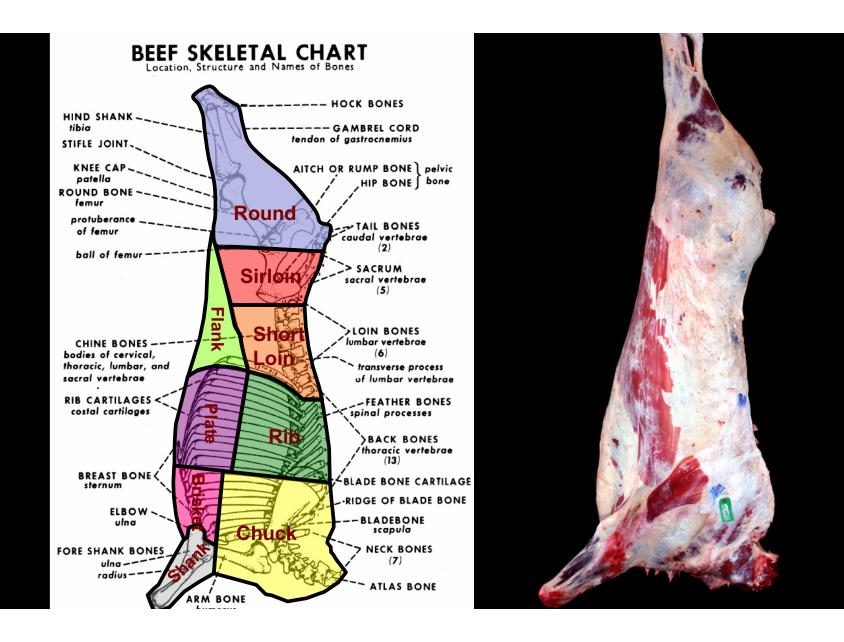
Breed Specific
Breed Specific + Quality
Non-Breed Specific + Quality
Brand Name Specification
Process Verified

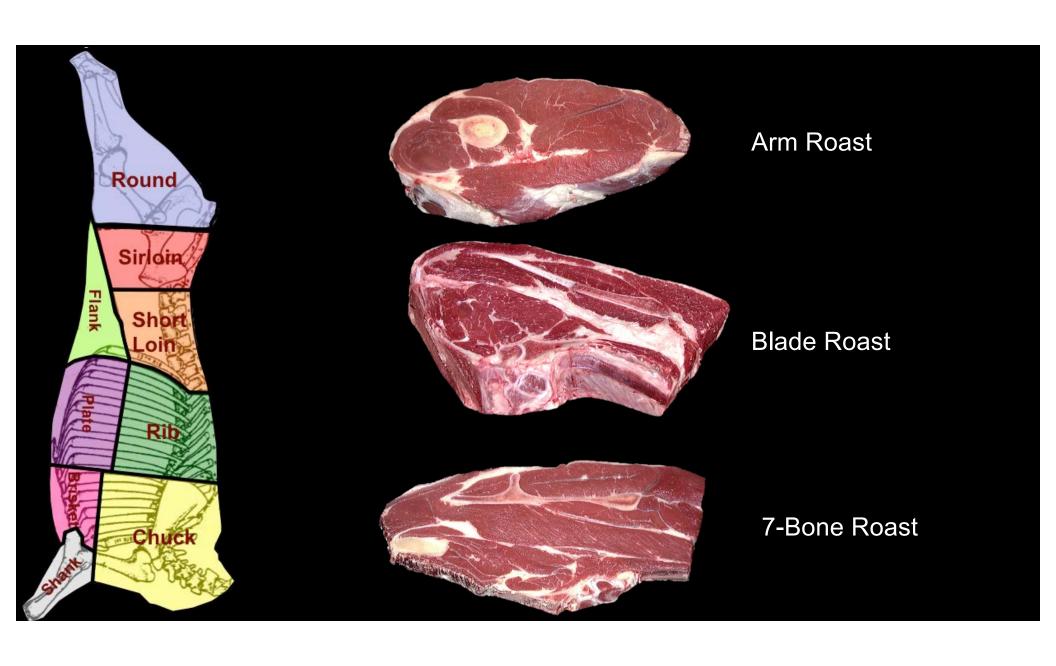
As of 9/24/19, there were 53 Certified Beef Programs with 89 Branded Products

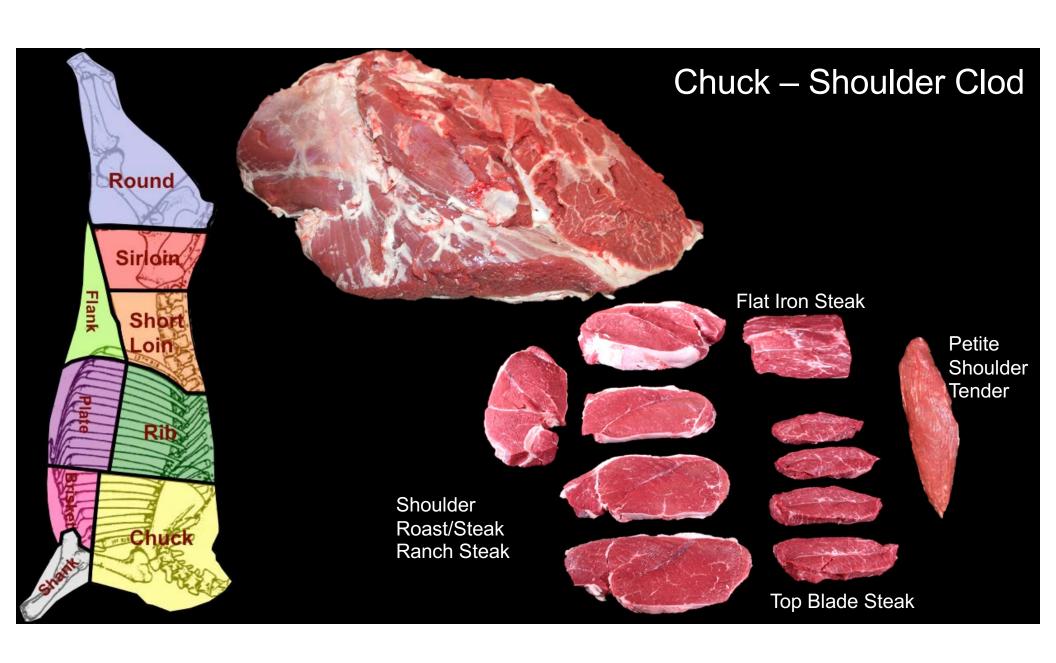
Certified Programs Making Live Breed Claims

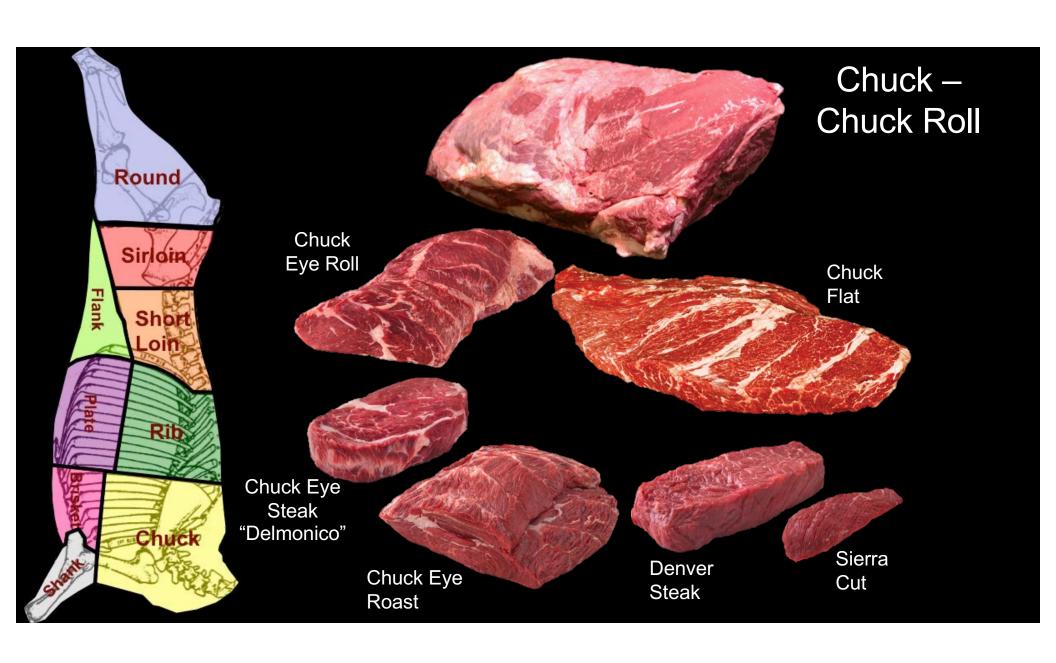
- Schedule AAA Live Animal Specification for Cattle Claiming Angus Influence (n = 70)
- Schedule AHA Live Animal Specification for Cattle Claiming Hereford Influence (n = 4)
- GLTL Live Animal Specification for Cattle Claiming Texas Longhorn Influence (n = 1)
- Schedule GLW Live Animal Specification for Cattle Claiming Wagyu Influence (n = 2)
- Schedule GLAk Live Animal Specification for Cattle Claiming Akaushi Influence (n = 2)

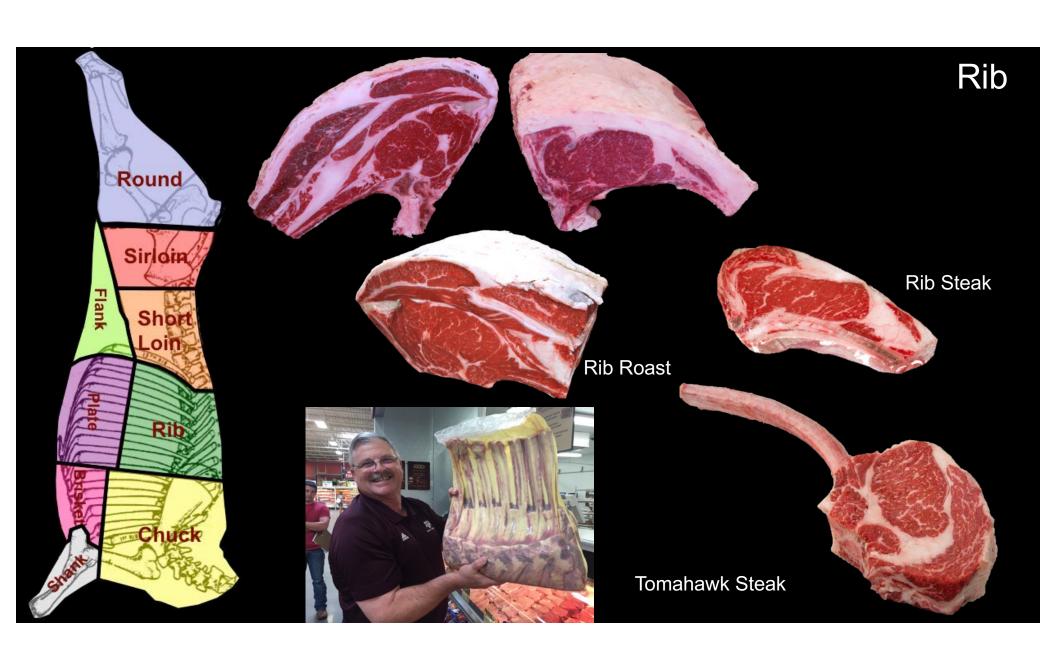
USDA Certified Beef Programs						www.ams.usda.
Commonw	CAR	CUD	CUD			Consill Mast
Company	САВ	СНВ	СНВ			Cargill Meat
	Certified Angus	Certified Hereford	Certified Hereford	Certified Texas		
Program/Brand Name	Beef	Beef	Beef Premium	Longhorn	Certified Wagyu Beef	Sterling Silver
Schedule number	G-1	G-10	G-10A	G-102	G-75	G-2
Live Animal Requirement	0-1	G-10	G-10A	G-102	G-73	U-2
Phenotype	AAA	AHA	AHA			
Genotype	AAA ^v	71171	7.117.1	GLTL	GLW	
Other	AAA			GLIL	< 30 mon. of age	
Carcass Characteristics					< 30 mon. or age	
U.S. Prime	Х	Х	Х		Х	Х
					^	
U.S. Choice	Х	Х	X			Х
U.S. Select		Х				
U.S. Standard						
U.S. Utility and Commercial	Δ.	Δ	^		^	A or B
Maturity	А	А	A		Α	A or B
Marbling score requirement	MT ⁰⁰ or higher	SL ⁰⁰ or higher	MT ⁰⁰ or higher		SLA ⁰⁰ or higher	MT ⁰⁰ or higher
Medium or fine marbling texture	Х	X	Х			Х
Yield grade						
Ribeye area (square inches)	10.0 - 16.0	10.0 - 16.0	10.0 - 16.0			
Hot carcass weight (pounds)	< 1050*	< 1050*	< 1050*			
Fat thickness (inches)	< 1.0	<1.0	<1.0			
Minimum muscling requirement	X	Х	Х			Х
Carcass class (type) ^y	S & H	S & H	S & H	S, H, C	S & H	S & H
Capillary rupture in ribeye muscle ^z	PF	PF	PF	PF	N	PF
Free of dark cutting characteristics	X	Х	Х	Х	X	Х
Max hump height (≤ 2 inches)	X	X	Х	Х	X	Х
USDA Information						
Initial release date	1978	Jan-96	Aug-16	Jul-10	Jul-08	Jul-98
					Jul-08	

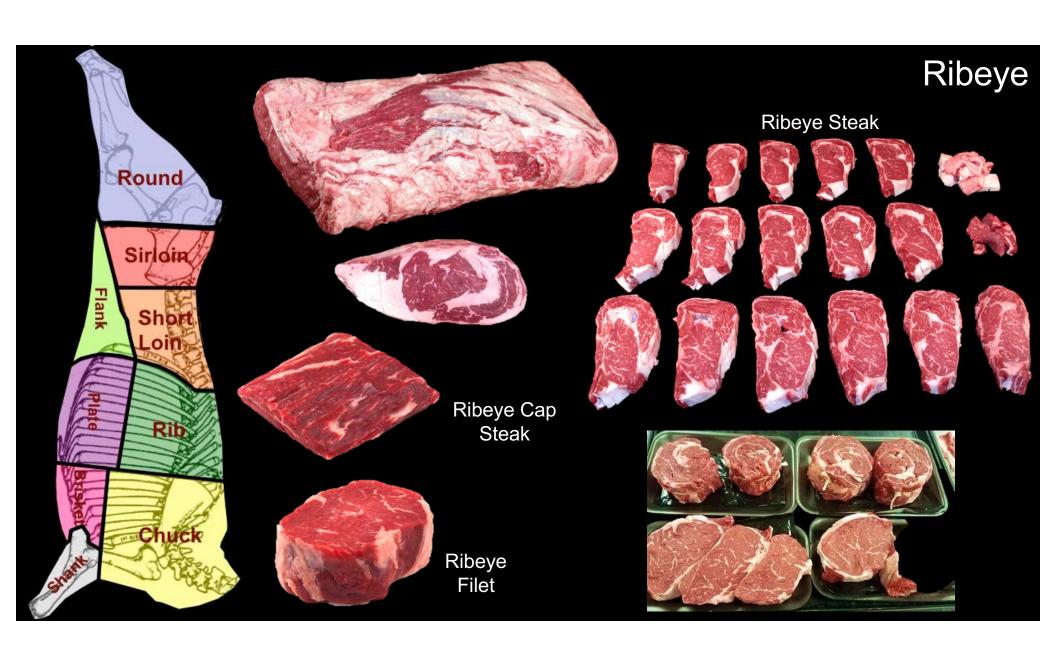




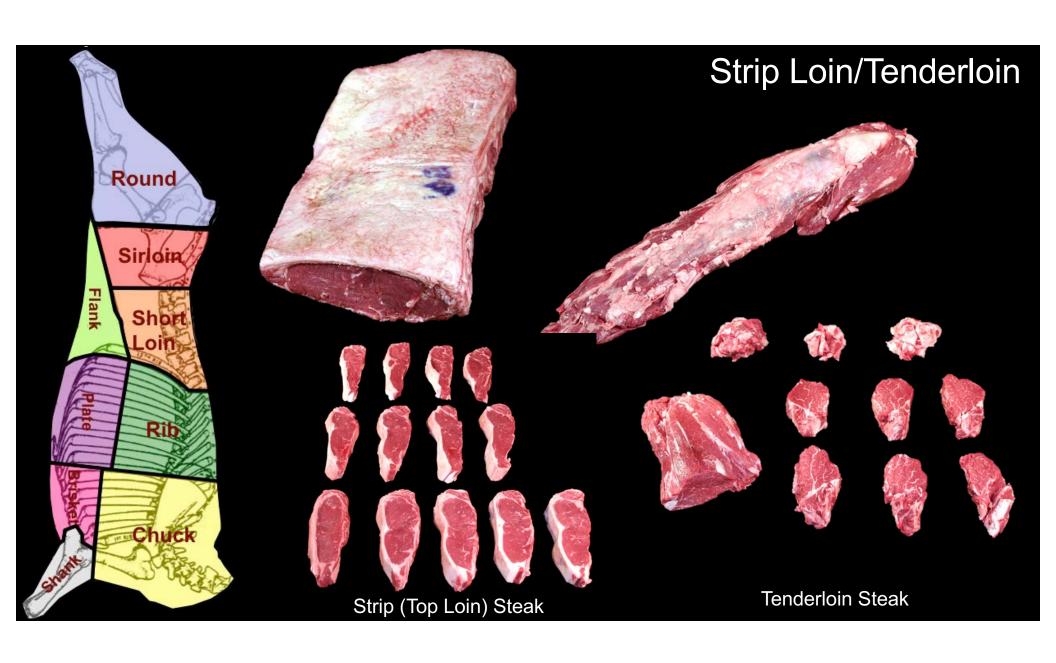


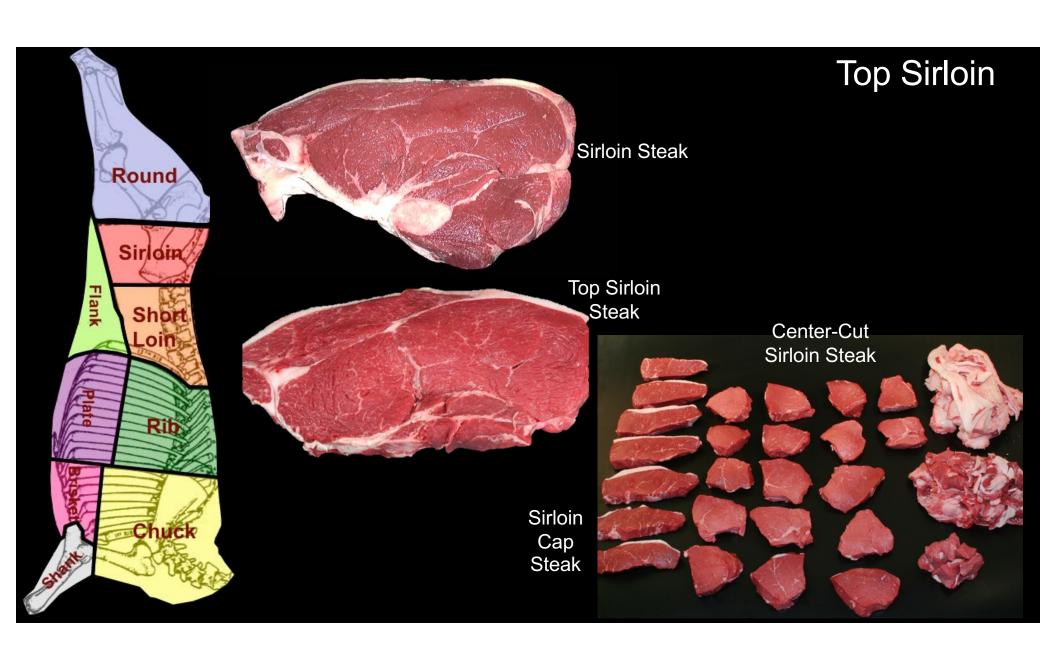


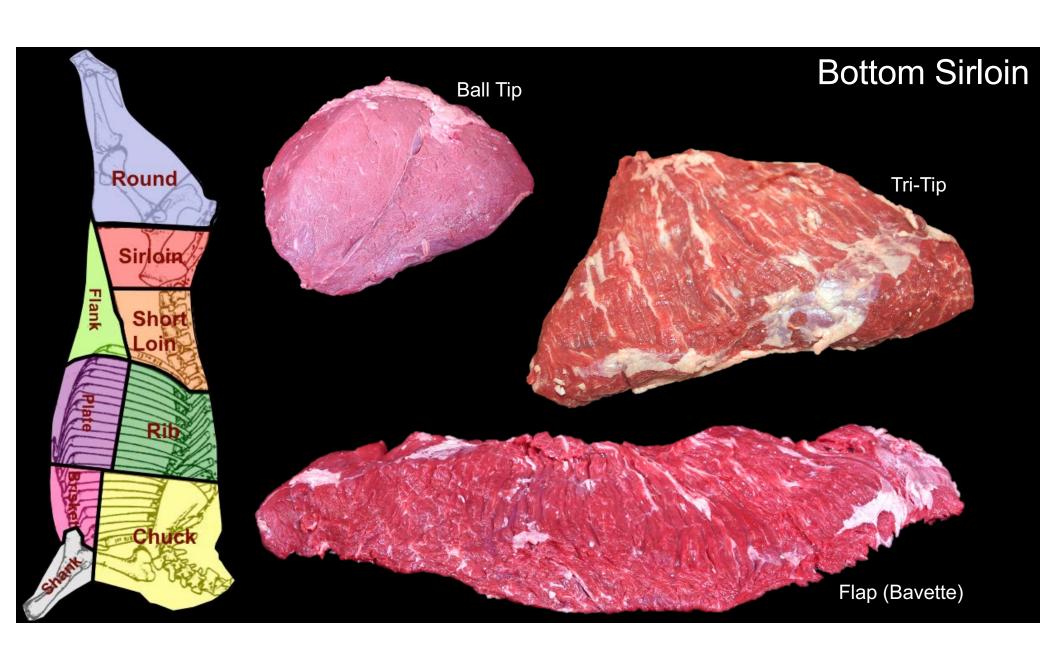


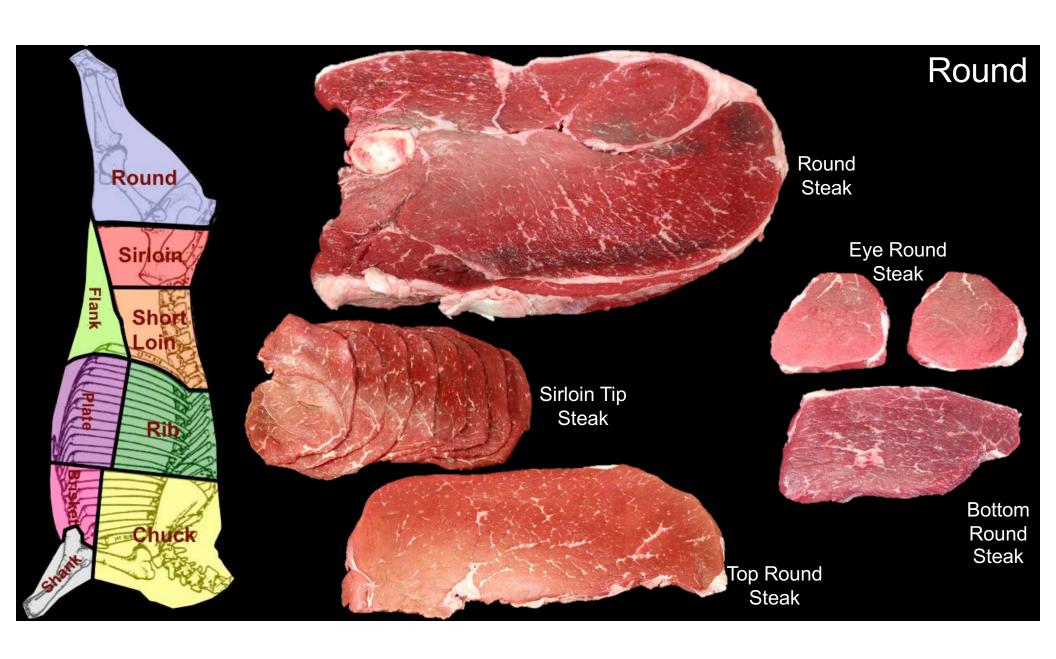


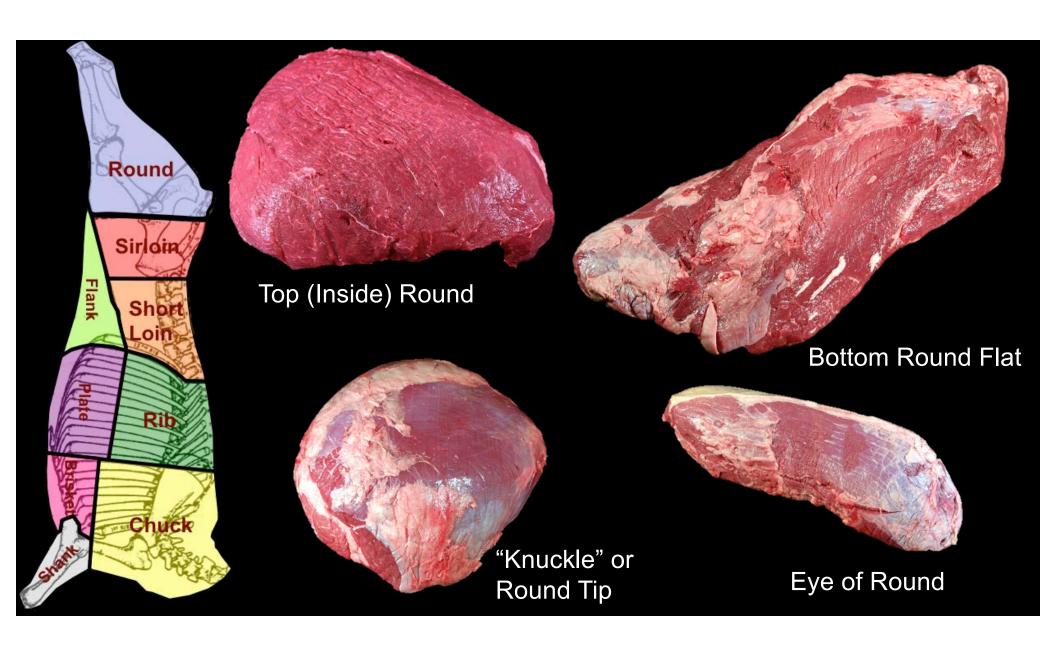


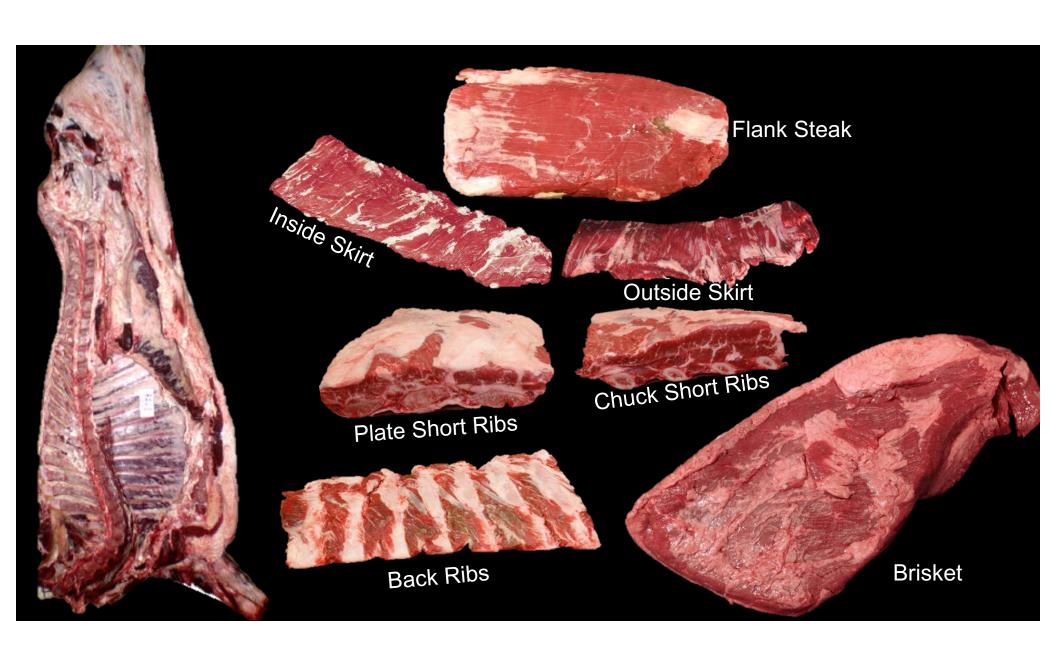














8th Edition

THE BUYER'S

Commonly referred to as the NAMP Meat Buyer's Guide Guia para Compradores de Carne ®

The definitive reference for the meat & poultry industry and culinary professionals since 1961



Representative of the USCA Institutional Meet Purchase Specifications (MPS), as well as the CTA Wholesa's Meet Specifications Document (MMSD). Document dis TACA relativement au specifications die in variete versione en gross. French and Speaks versione are available online at www.mearbuyersquide.com,



LAMB CORDERO



VEAL



PORK



POULTRY



Subprimal	% of Carcass		Subprimal	% of Carcass	
Lean Trim (All 80%)	19.06		123A Plate Short Ribs	1.10	
Trimmable Bone	18.87 55	5.3%	130 Chuck Short Ribs	1.05	
Trimmable Fat	17.37		124 Back Ribs	1.03	
168 Top (Inside) Round	5.22		185A Bottom Sirloin Flap	0.98	
116A Chuck Roll	4.20		109B Rib, Blade Meat	0.91	
120 Brisket boneless	3.46		116B Chuck Tender (mock)	0.81	
171B Outside Round	3.44		115D Chuck Pectoral Meat	0.74	
167A Knuckle (peeled)	3.10		185D Bottom Sirloin Tri-Tip	0.69	
112A Ribeye, Lip-On	3.01		139 Special Trim	0.62	
180A Strip Loin	2.98	10.2	121D Inside Skirt	0.60	
184 Top Sirloin Butt	2.48	%	193 Flank Steak	0.45	
114E Shoulder Arm Roast	1.96	70	121C Outside Skirt	0.36	
189B Tenderloin	1.72		Kidney	0.26	
171C Eye of Round	1.50		114F Shoulder Tender	0.19	
114D Shoulder Top Blade	1.22		185B Bottom Sirloin Ball Tip	0.14	



	\bigcirc 1 \square	-			
$-\Delta C$	Steer/⊦	HOITOR	Plant	Grino	IC
	Old CI/I	TOILGI			

GB - Stee	er/Heifer Source - 10 Pound Chub Basis- (Coarse & Fine Gr	ind			
Ground Be	eef 73%	145	1,227,138	28 565.00	395.13	
Ground Be	eef 75%	8	10,862	40 Round 00	462.79	
Ground Be	eef 81%	304	1,681,614	31	425.73	
Ground Be	eef 85%	16	248,524	33 Sirloin	350.26	
Ground Be	eef 90%	29	45,107	44 00	543.21	
Ground Be	eef 93%	47	184,434	3 Short 50	439.02	
Ground Be	eef Chuck	123	880,600	Loin po	444.96	
Ground Be	eef Round	51	103,887		461.39	
Ground Be	eef Sirloin	12	12,591	Rib	454.05	
Source: USDA Livestock, Poultry and Grain Market News Des Moines, IA 515-284-4460 desm.lpgmn@ams.usda.gov XML Format mpr.datamart.ams.usda.gov LMR Web Service Guide www.ams.usda.gov/LPSMarketNewsPage						
Beef Trimmings - Steer/Heifer Source - Fresh Combos & Frozen Boxed						
Fresh 50%	6 lean trimmings	110	3,045,981	71.00 - 170.52	103.16	

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0.00 - 0.00

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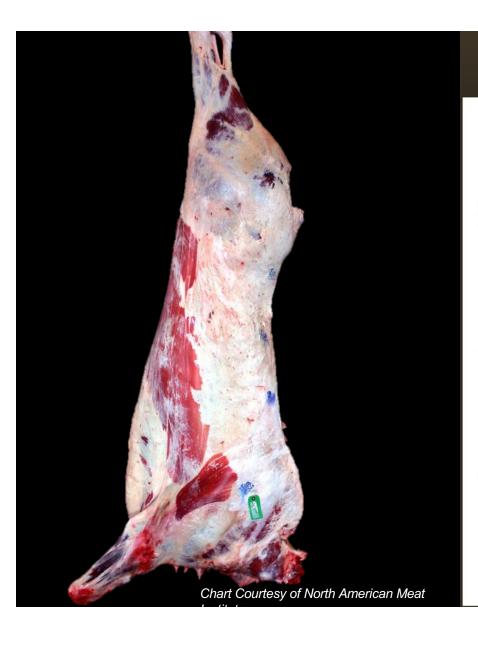
0.00

Frozen 50% lean trimmings



Ground Beef

- ❖ Ground Beef chopped fresh and/or frozen beef from primal cuts and trimmings.
 - ❖ Maximum fat content in any ground beef is 30% (70% lean) by law.
 - May contain seasonings, but no water, phosphates, binders, or other meat sources may be added and still be labeled as ground beef.
 - ❖ If a ground beef label has an added label identifier such as ground round, sirloin or chuck, the lean and fat used in the product can come from only the primal included in the name.
- ❖ Hamburger shall consist of chopped fresh and/or frozen beef with or without the addition of beef fat as such and shall not contain more than 30 percent fat, and shall not contain added water, phosphates, binders, or extenders.
- ❖ Beef Patties shall consist of chopped fresh and/or frozen beef with or without the addition of beef fat and/or seasonings. Binders or extenders, Mechanically Separated Beef used in accordance with § 319.6, and/or partially defatted beef fatty tissue may be used without added water or with added water only in amounts such that the product characteristics are essentially that of a meat pattie.



BEEF CUT CHART **BONELESS TRIMMINGS**



Boneless Chuck Trimmings



Boneless Rib Trimmings



Boneless Round Trimmings





Boneless Shank Trimmings Boneless Sirloin Trimmings



Caul Fat



Boneless Trimmings 50 percent Lean



Boneless Trimmings 60 percent Lean



Boneless Trimmings 65 percent Lean



Boneless Trimmings 85 percent Lean



Boneless Trimmings 90 percent Lean



Boneless Trimmings 95 percent Lean

