

# Tennessee Beef Evaluation

## 2006-2007 Results

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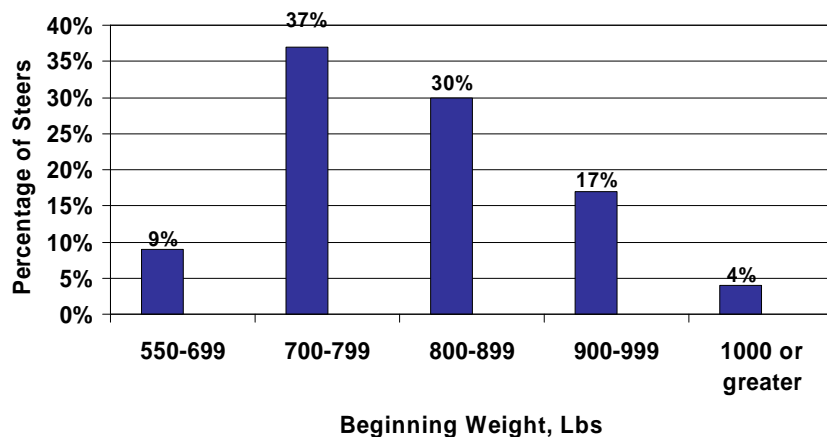
E12-4115-00-001-07

## 2006-2007 TN Beef Evaluation Results

- 19 Tennessee Beef Cattle Producers
- Consigned 400 steers and heifers
- Cattle were fed at 4 Tri-County Steer Carcass Futurity Farmer Feedlots in Southeast Iowa

### Beginning Weight

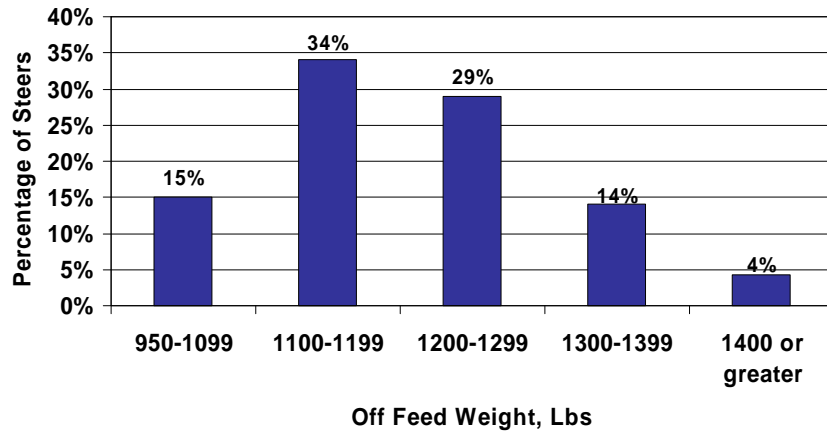
Average: 816 Range: 560 - 1110



400 steers and heifers

## Off Feed Weight

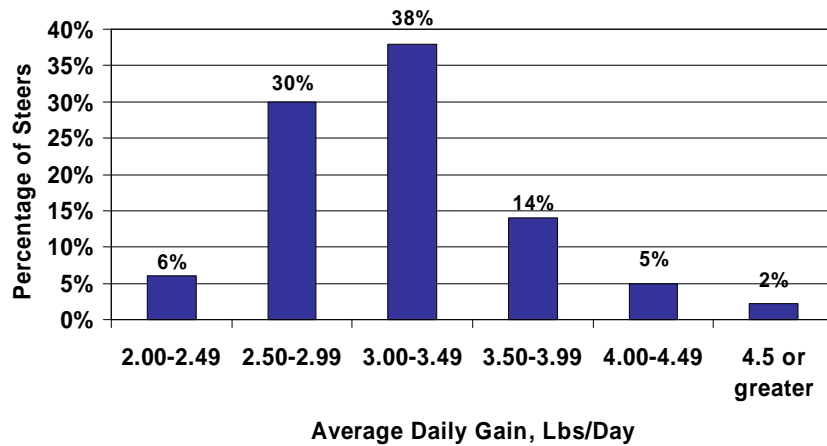
Average: 1207 Range: 972 - 1615



400 steers & heifers

## Average Daily Gain

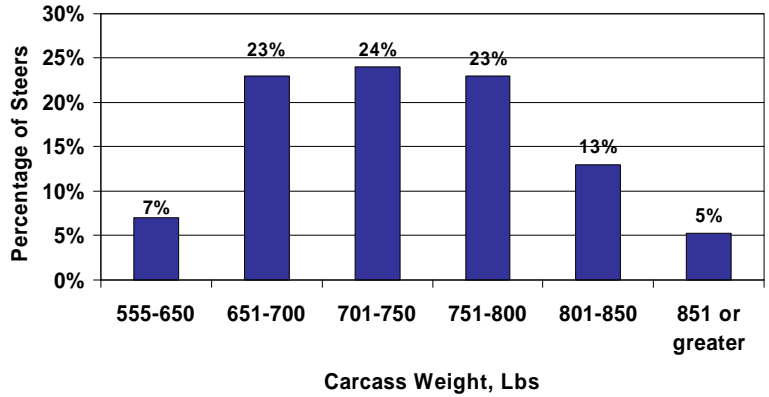
Average: 3.19 Range: 2.00 – 5.17



400 steers & heifers

## Hot Carcass Weight

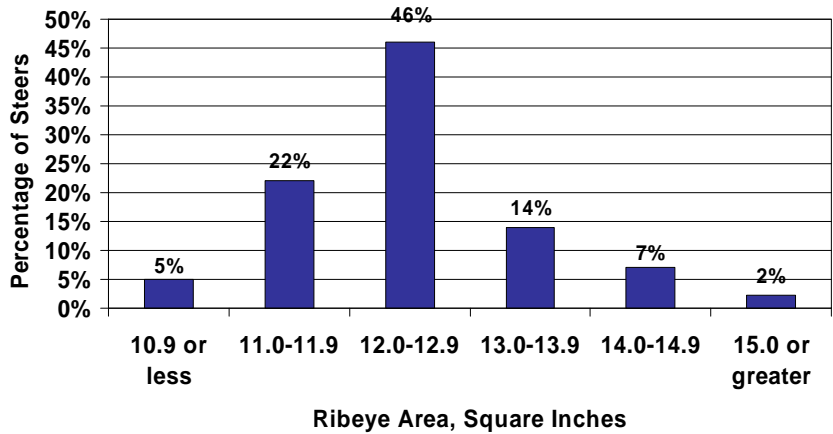
Average: 742 Range: 574 - 1010



400 steers & heifers

## Ribeye Area

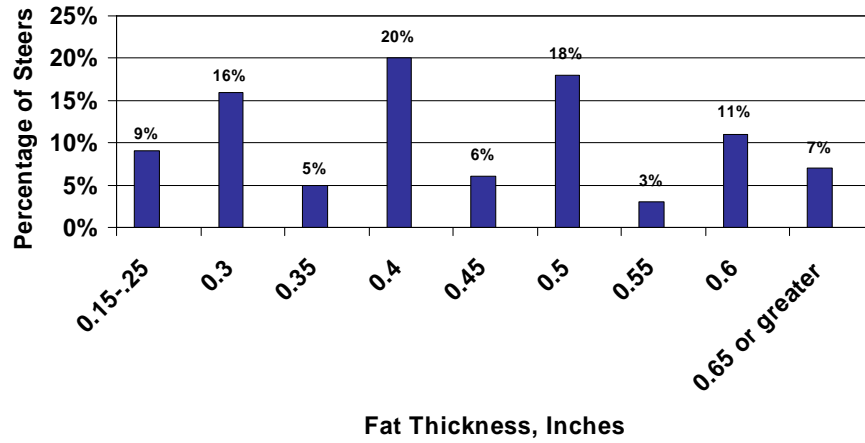
Average: 12.5 Range: 9.2 – 16.5



400 steers & heifers

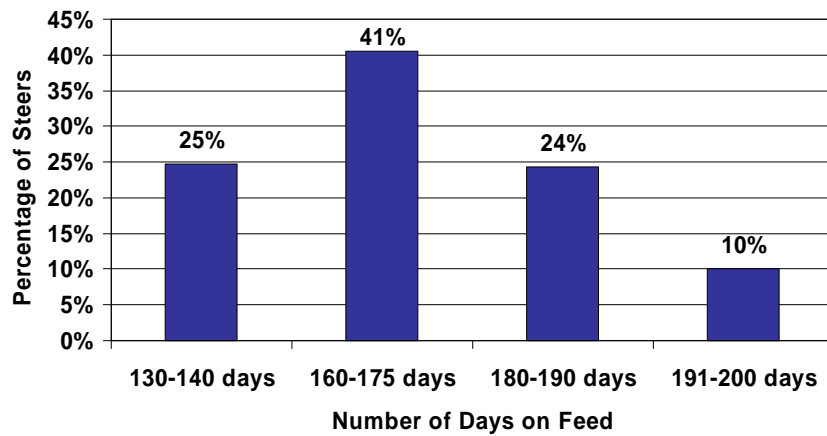
## Fat Thickness

Average: 0.44 Range: 0.15 – 1.00



400 steers & heifers

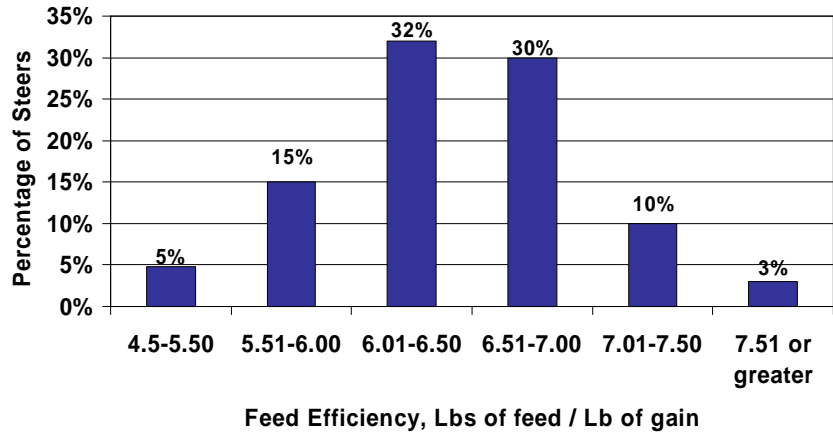
## Days on Feed



395 steers & heifers

# Feed Efficiency

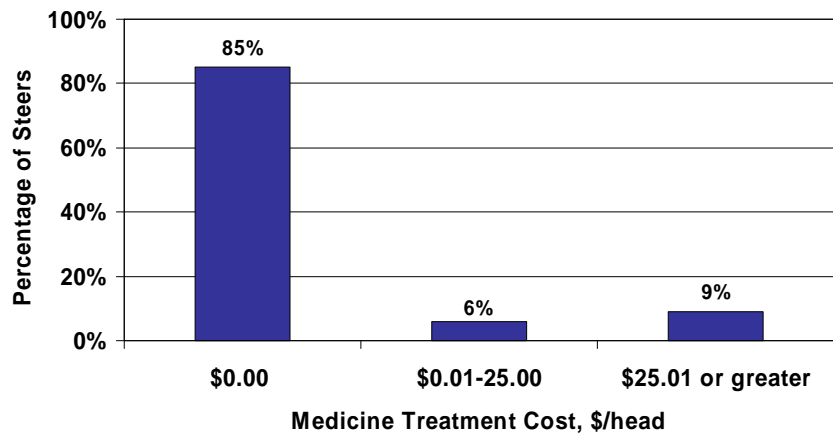
Average: 6.44 Range: 4.95-8.37



400 steers & heifers

# Medicine Treatment Cost per Head

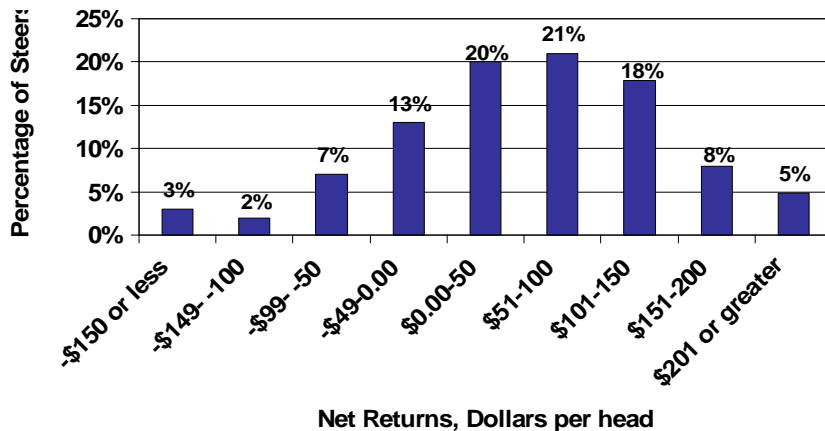
Average: \$4.28 Range: \$0.00 - \$65.00



400 steers & heifers

## Net Return to Feeding

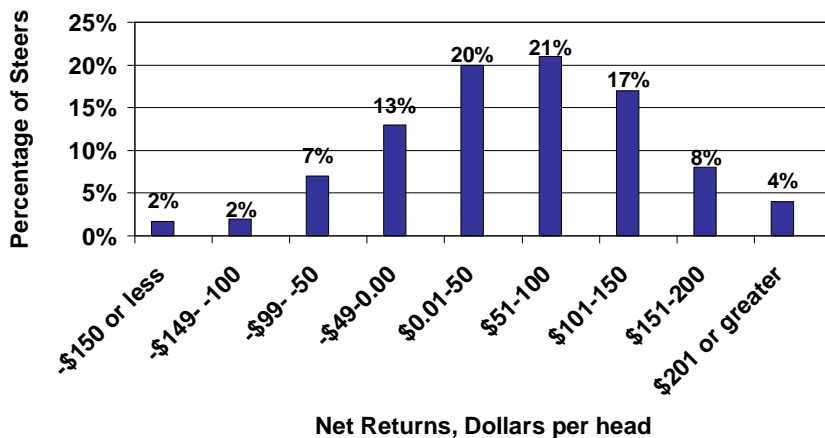
Average: \$45.80 Range: -\$875.40 - \$347.52



400 steers & heifers including 5 dead

## Net Return to Feeding

Average: \$55.77 Range: -\$247.24 - \$347.52



395 steers & heifers not including 5 dead

## Comparison of Cattle Receiving Treatment vs. No Treatment at Feedlot

	<u>Treatment at Feedlot</u>	<u>No Treatment at Feedlot</u>
ADG	2.85	3.45
Net Returns to Feeding	\$-15.41	\$57.37

## Comparison of Cattle Receiving Treatment vs. No Treatment at Feedlot

	<u>Treatment at Feedlot</u>	<u>%</u>	<u>No Treatment at Feedlot</u>	<u>%</u>
Prime	0	0%	0	0%
Avg & High Choice	3	4.8%	34	10.2%
Low Choice	36	58.1%	187	56.2%
High Select	4	6.5%	48	14.4%
Low Select	14	22.6%	55	16.5%
High Standard	0	0%	9	2.7%
Dead	5	8.1%	0	0%

<b>Profit Group</b>	<b>High 1/3</b>	<b>Low 1/3</b>	<b>Average</b>
No. Head	133	128	395
Delivery Wt (IA)	673.35	664.24	668.42
Final Wt	1225	1192	1207
ADG	3.20	3.22	3.19
Days on Feed	170	165	167
Age at Harvest	454	451	455

<b>Profit Group</b>	<b>High 1/3</b>	<b>Low 1/3</b>	<b>Average</b>
Hot Carcass Wt	761	726	742
Fat Cover	0.44	0.42	0.44
Yield Grade 1 & 2's	58%	57%	56%
Yield Grade 3	41%	40%	43%
Yield Grade 4	0%	4%	1%
% Choice/ Prime	92.40%	34.90%	66.60%
% CAB	13%	3%	11%
Carcass Price \$/cwt	\$154	\$139	\$148
Carcass Value	\$1,173	\$1,010	\$1,101

<b>Profit Group</b>	<b>High 1/3</b>	<b>Low 1/3</b>	<b>Average</b>
Feed Cost/cwt Gain	\$46	\$45	\$46
Nonfeed Cost/cwt Gain	\$16	\$15	\$16
Total Cost/cwt of Gain	\$62	\$61	\$63
TN Calf Value (\$/cwt)	\$93.94	\$102.16	\$98.15
Carcass Price \$/cwt	\$154	\$139	\$148
Carcass Value	\$1,173	\$1,010	\$1,101
Profit (\$/head)	\$154	\$-74	\$45
True Feeder Calf Value (\$/cwt)	\$124	\$104	\$115