

# Cattle Feeding Benchmark Data: Fall & Winter 2015 Spring & Summer 2016

## A.S. Leaflet R3135

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### Summary and Implications

The decline in fed cattle prices from the summer of 2015 has continued now through the summer of 2016. Feed and feeder calf prices have also declined as reflected in the breakeven values. Market weights have declined slightly through the year, but are still fairly large when compared back to weights of three years ago. Feeding losses were not as extreme as they were a year ago, but they are still not favorable.

### Introduction

Cattle markets from the fall of 2015 through the summer of 2016 have been characterized by a continued depression in market values and now the lowest feed grain prices seen in the last 13 years. Feeder calf prices have declined with some lag behind finished cattle prices and are now similar to those observed 10 years ago. Breakeven prices on the report reflect this trend. The trend of producing heavier carcasses has softened, but only slightly. The number of heifer closeouts reported began to rebound



early but significantly diminished by summer which may indicate a fair amount of heifer retention.

### Material and Methods

Closeout data from cattle pens finished from the fall of 2015 through the summer of 2016 are included in this report. These closeouts were generated by users of the Iowa State University Feedlot Monitor Program and are reported by season of the year. Most participants are located in the Midwest with the primary concentration being located in Midwest and Northwest. Data from these users are summarized by the Iowa Beef Center in the following tables and provided back to the participants at the end of each season. These data can be used by participants as benchmarks for their own operation or as they see fit. The entire year's data for all participants are provided at this time in this report.

### Results

Reports provided to participants from Fall of 2015 (Sept. 23, 2015 through Dec. 21, 2015), Winter of 2015 (Dec. 22, 2015 through March 22, 2016), Spring of 2016 (March 23, 2016 through June 21, 2016) and Summer of 2016 (June 22, 2016 through Sept. 23, 2016) were provided as follows:

**Feedlot Monitor Benchmark Report**

Finished Fall 2015  
23-Sep 22-Dec

	Heifers		Mixed Pens		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	21		5		42		*		8	
Pen Size	138.2	97.8	212.6	133.3	212.6	128.7			127.8	94.4
In Pay Wt (lb)	832.9	221.3	793.4	321.0	833.5	202.1			769.6	128.3
Out Pay Wt (lb)	1378.8	67.4	1417.2	116.8	1501.3	116.1			897.4	108.7
% Dead	1.6	1.2	0.5	0.5	1.0	1.3			0.2	0.4
Carcass Yield %	60.4	14.8			63.8	1.1				
Days Fed	194.8	61.0	204.2	55.8	200.8	65.8			45.5	13.4
ADG (lb)	2.7	0.5	3.0	0.4	3.4	0.4			2.7	0.5
F:G	9.2	3.4	7.6	2.0	7.8	1.6			7.2	1.4
DMI (lb)	23.4	3.3	21.8	2.4	25.9	3.9			19.2	2.0
AFI (lb)	37.6	5.7	35.8	6.3	40.4	7.1			32.5	4.2
NE g (avg Mcal/lb)	59.6	6.3	60.8	0.8	62.4	3.7			50.6	6.7
\$/lb gain Feed	\$0.65	\$0.23	\$0.53	\$0.09	\$0.54	\$0.09			\$0.61	\$0.27
\$/lb gain Total	\$0.93	\$0.33	\$0.76	\$0.15	\$0.74	\$0.09			\$0.83	\$0.43
\$/Ton Feed DM	\$123.42	\$20.83	\$121.87	\$23.66	\$124.57	\$26.00			\$83.81	\$14.40
Breakeven- live	\$147.80	\$12.26	\$116.93	\$51.73	\$152.15	\$11.71			\$168.46	\$14.94

# Iowa State University Animal Industry Report 2017



## Feedlot Monitor Benchmark Report



Finished Winter 2016  
23-Dec 21-Mar

	Heifers		Mixed Pens		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	7		*		50.0		*		13	
Pen Size	118.7	43.4			201.1	92.4			108.6	93.6
In Pay Wt (lb)	872.3	111.3			909.5	66.9			613.5	132.8
Out Pay Wt (lb)	1324.9	49.2			1507.9	95.8			835.2	144.8
% Dead	0.3	0.5			0.9	1.0			1.2	1.5
Carcass Yield %	62.1	0.3			63.2	0.9				
Days Fed	127.2	23.0			164.2	27.5			112.4	43.9
ADG (lb)	3.5	0.3			3.6	0.5			2.0	0.8
F:G	7.1	0.7			7.5	1.1			8.7	7.9
DMI (lb)	24.8	1.7			26.6	2.5			14.8	6.1
AFI (lb)	42.2	2.7			44.1	4.9			26.3	10.8
NE g (avg Mcal/lb)	56.4	9.4			64.3	5.3			51.1	7.1
\$/lb gain Feed	\$0.55	\$0.06			\$0.58	\$0.07			\$0.79	\$0.58
\$/lb gain Total	\$0.83	\$0.21			\$0.75	\$0.08			\$1.11	\$0.75
\$/Ton Feed DM	\$120.40	\$5.87			\$129.64	\$9.96			\$127.24	\$48.21
Breakeven- live	\$140.72	\$20.17			\$154.66	\$8.15			\$167.70	\$48.01



## Feedlot Monitor Benchmark Report



Finished Spring 2016  
22-Mar 23-Jun

	Heifers		Mixed Pens		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	23		3		49		*		28	
Pen Size	268.9		155.3	61.0	240.9				111.0	69.9
In Pay Wt (lb)	808.0	241.3	897.3	53.4	754.9	127.9			656.5	115.7
Out Pay Wt (lb)	1336.8	171.9	1366.0	146.9	1391.8	133.4			862.7	85.6
% Dead	1.1	1.1	0.2	0.3	1.6	1.3			0.3	0.5
Carcass Yield %	63.4	0.4	64.9	1.0	64.6	6.3				
Days Fed	174.2	40.2	154.2	18.5	188.9	25.5			120.8	50.9
ADG (lb)	3.0	0.4	3.1	0.4	3.3	0.4			1.8	1.0
F:G	7.9	1.3	8.4	0.9	7.2	1.9			10.6	5.7
DMI (lb)	23.4	4.1	25.4	1.4	23.2	5.1			15.1	2.4
AFI (lb)	39.1	7.2	42.7	4.5	36.3	7.2			32.4	2.6
NE g (avg Mcal/lb)	60.6	2.8	62.7	5.0	61.0	3.4			41.1	9.5
\$/lb gain Feed	\$0.60	\$0.09	\$0.60	\$0.02	\$0.54	\$0.12			\$1.01	\$0.55
\$/lb gain Total	\$0.78	\$0.09	\$0.81	\$0.05	\$0.72	\$0.15			\$1.78	\$1.37
\$/Ton Feed DM	\$126.94	\$14.17	\$118.92	\$12.46	\$130.84	\$20.66			\$133.12	\$36.41
Breakeven- live	\$124.39	\$29.60	\$136.61	\$6.69	\$134.27	\$21.34			\$169.32	\$22.91

\* currently too few pens or producers submitting data to report on



Feedlot Monitor Benchmark Report

IOWA STATE UNIVERSITY  
Extension and Outreach  
Iowa Beef Center

Finished Summer 2016  
6/23/16 9/22/16

	Heifers		Mixed Pens		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	13		14		61		*		4	
Pen Size	147.9	45.2	142.1	79.2	192.8	134.8			791.5	1361.4
In Pay Wt (lb)	866.9	270.6	625.9	126.0	806.4	157.4			516.0	132.0
Out Pay Wt (lb)	1340.2	127.3	1309.2	67.8	1445.6	100.2			730.0	140.1
% Dead	1.2	1.2	1.2	1.6	1.2	1.5			1.9	2.4
Carcass Yield %	64.4	2.4	63.0	1.0	64.6	1.6				
Days Fed	172.1	52.7	158.6	89.7	196.0	46.8			158.6	89.7
ADG (lb)	2.6	0.8	3.0	0.4	3.3	0.5			1.4	0.3
F:G	15.1	25.8	7.1	1.0	7.3	1.1			8.6	4.9
DMI (lb)	22.2	2.8	20.8	2.1	24.0	3.5			10.6	4.9
AFI (lb)	37.5	3.7	34.0	2.1	38.0	5.3			19.3	10.3
NE g (avg Mcal/lb)	61.8	1.5	59.6	2.0	60.7	3.9			48.8	10.0
\$/lb gain Feed	\$1.13	\$2.00	\$0.55	\$0.06	\$0.56	\$0.10			\$0.68	\$0.44
\$/lb gain Total	\$1.48	\$2.61	\$0.74	\$0.11	\$0.72	\$0.14			\$1.04	\$0.61
\$/Ton Feed DM	\$117.12	\$14.83	\$136.75	\$8.74	\$131.30	\$16.60			\$108.17	\$48.90
Breakeven- live	\$115.78	\$14.15	\$101.71	\$37.85	\$121.02	\$19.49			\$173.48	\$34.37

\* currently too few pens or producers submitting data to report on