

Cattle Feeding Benchmark Data: Fall & Winter 2022; Spring & Summer 2023

DOI:10.31274/air.17790

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Summary and Implications

A summary of closeouts from the fall of 2022 through the summer of 2023 is provided on feedlot heifers, steers, mixed pens and preconditioning cattle.

Introduction

The year represented by the following closeouts was characterized by a feed prices slowly trending downward and feeder calf prices remaining strong and trending upward. Beef markets did keep up fairly well with the high production costs and reports of a shrunk U.S. cow herd along with a weak U.S. dollar promoting strong exports kept supply current.

Materials and Methods

Closeout data from cattle pens finished from the fall of 2022 through the summer of 2023 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 providers receive the summarized data within a month of the season's close. These data are then published annually in the Iowa State University Animal Industry Report by the Iowa Beef Center in the following tables. 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 and Discussion

Reports provided to participants from Fall of 2022 (Sept. 22, 2022 through Dec. 21, 2022), Winter of 2022 (Dec. 22, 2022 through March 21, 2023), Spring of 2023 (March 22, 2023 through June 21, 2023) and Summer of 2023 (June 22, 2023 through Sept. 21, 2023) were provided as follows:

Iowa State University Animal Industry Report 2024



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Feedlot Monitor Benchmark Report

Finished Fall 2022
9/22/22 12/21/22

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	16				33		*		4	
Pen Size	155.3	76.5			147.8	130.9			89.8	39.1
In Pay Wt (lb)	749.4	124.7			897.0	118.3			680.0	306.2
Out Pay Wt (lb)	1368.3	63.3			1538.4	84.9			884.5	92.8
% Dead	0.5	0.6			0.9	0.8			1.3	2.5
Carcass Yield %	64.4	0.3			64.3	0.9				
Days Fed	176.8	43.0			176.4	64.7			247.5	25.1
ADG (lb)	3.4	0.2			3.3	0.7			3.1	0.6
FrG	7.3	0.9			7.7	1.3			7.7	1.2
DMI (lb)	24.9	3.4			24.4	2.7			23.1	1.5
AFI (lb)	41.8	7.2			42.0	5.6			40.1	1.4
NEg(avg Mcal/cwt)	60.6	9.3			60.9	3.2			59.5	1.3
\$/lb gain Feed	\$1.06	\$0.15			\$1.03	\$0.14			\$0.93	\$0.05
\$/lb gain Total	\$1.21	\$0.16			\$1.24	\$0.28			\$1.12	\$0.07
\$/Ton Feed DM	\$245.70	\$20.48			\$217.93	\$40.86			\$218.55	\$35.97
Breakeven- live	\$142.76	\$8.55			\$143.03	\$11.95			\$138.51	\$5.59

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



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Feedlot Monitor Benchmark Report

Finished Fall 2023
12/22/22 3/21/23

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	5				31		*		5	
Pen Size	218.4	106.8			166.8	76.7			122.2	27.5
In Pay Wt (lb)	919.8	92.0			867.5	116.0			358.4	75.4
Out Pay Wt (lb)	1423.4	156.7			1534.3	91.6			921.8	104.1
% Dead	0.7	0.8			1.3	1.5			6.3	3.8
Carcass Yield %	62.4	0.2			63.2	0.9				
Days Fed	145.4	27.1			197.3	34.7			189.6	25.0
ADG (lb)	3.4	0.7			3.3	0.5			2.7	0.2
FrG	8.2	1.1			8.0	0.8			5.8	0.3
DMI (lb)	27.9	3.4			26.4	2.5			15.5	1.0
AFI (lb)	47.8	3.7			43.9	5.1			28.4	4.9
NEg(avg Mcal/cwt)	62.8	2.3			59.3	9.3			56.4	4.0
\$/lb gain Feed	\$1.22	\$0.22			\$1.15	\$0.12			\$0.85	\$0.13
\$/lb gain Total	\$1.43	\$0.24			\$1.36	\$0.17			\$1.19	\$0.18
\$/Ton Feed DM	\$240.86	\$18.83			\$245.17	\$22.21			\$262.31	\$34.75
Breakeven- live	\$155.46	\$5.22			\$160.47	\$10.77			\$155.11	\$14.57

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Iowa State University Animal Industry Report 2024



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Feedlot Monitor Benchmark Report

Finished Spring 2023
3/22/23 6/21/23

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	11		3		37		*		15	
Pen Size	134.9	69.2	194.0	95.3	170.3	166.4			193.5	99.5
In Pay Wt (lb)	813.0	162.9	643.3	182.4	816.1	132.9			460.7	100.9
Out Pay Wt (lb)	1373.5	75.5	1337.0	148.0	1519.5	73.0			958.9	85.3
% Dead	1.5	1.2	1.3	1.1	1.6	1.6			1.9	2.0
Carcass Yield %	63.9	0.2			63.8	1.2				
Days Fed	179.6	53.0	225.4	24.5	210.2	36.2			179.2	27.0
ADG (lb)	3.2	0.7	3.0	0.3	3.3	0.7			2.7	0.1
F:G	8.0	1.4	7.8	1.4	7.8	1.8			6.1	0.6
DMI (lb)	25.0	3.2	23.7	5.6	24.6	2.7			16.4	1.3
AFI (lb)	43.1	8.7	44.8	12.3	40.5	4.6			34.4	4.7
NEg(avg Mcal/cwt)	60.5	2.9	59.0	1.7	53.1	18.7			52.1	1.8
\$/lb gain Feed	\$1.15	\$0.20	\$1.07	\$0.15	\$1.10	\$0.27			\$0.78	\$0.06
\$/lb gain Total	\$1.39	\$0.25	\$1.26	\$0.13	\$1.33	\$0.32			\$1.10	\$0.08
\$/Ton Feed DM	\$237.49	\$37.05	\$244.62	\$17.51	\$240.54	\$15.30			\$221.34	\$21.43
Breakeven- live	\$155.76	\$19.43	\$150.70	\$9.69	\$157.81	\$17.85			\$161.18	\$9.48

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Feedlot Monitor Benchmark Report

Finished Summer 2023
6/22/23 9/21/23

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	23		4		66		*		27	
Pen Size	157.7	66.5	162.5	100.1	175.4	141.0			117.6	88.4
In Pay Wt (lb)	793.7	144.1	612.5	161.2	809.3	137.1			337.9	125.9
Out Pay Wt (lb)	1349.0	71.4	1329.5	121.8	1482.5	138.7			885.9	126.4
% Dead	2.3	2.6	1.7	1.2	1.6	1.6			3.1	3.4
Carcass Yield %	63.6	0.5			63.7	1.2				
Days Fed	180.5	45.9	240.0	35.4	205.3	36.2			195.5	52.8
ADG (lb)	3.0	0.6	2.9	0.3	3.2	0.6			2.7	0.2
F:G	8.1	1.5	7.9	1.1	7.7	1.6			5.6	0.7
DMI (lb)	23.9	2.9	23.1	4.8	23.8	2.9			14.9	1.6
AFI (lb)	42.3	6.7	41.4	12.1	40.5	4.1			28.3	5.7
NEg(avg Mcal/cwt)	61.7	2.9	58.8	1.5	56.2	13.1			54.2	3.3
\$/lb gain Feed	\$1.15	\$0.22	\$1.06	\$0.13	\$1.06	\$0.25			\$0.76	\$0.09
\$/lb gain Total	\$1.48	\$0.27	\$1.27	\$0.10	\$1.30	\$0.30			\$1.12	\$0.14
\$/Ton Feed DM	\$238.50	\$29.47	\$244.05	\$14.34	\$235.58	\$17.33			\$244.65	\$36.46
Breakeven- live	\$160.14	\$17.06	\$152.31	\$8.55	\$157.39	\$16.24			\$147.62	\$18.31

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