

Cattle Feeding Benchmark Data: Fall & Winter 2021 Spring & Summer 2022

DOI:10.31274/air.16098

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Summary and Implications

A summary of closeouts from the fall of 2021 through the summer of 2022 is provided on feedlot heifers, steers, mixed pens and preconditioning cattle.

Introduction

The year represented by the following closeouts was characterized by a resurgence in ethanol production leading to an initial excess of distillers grain followed by a rapid disappearance of this feedstuff in an attempt to replace corn grain in ration thus driving feed costs up. 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 2021 through the summer of 2022 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 2021 (Sept. 22, 2021 through Dec. 21, 2021), Winter of 2021 (Dec. 22, 2021 through March 21, 2022), Spring of 2022 (March 22, 2022 through June 21, 2022) and Summer of 2022 (June 22, 2022 through Sept. 21, 2022) were provided as follows:

Iowa State University Animal Industry Report 2022



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Feedlot Monitor Benchmark Report

Finished Fall 2021
9/22/21 12/21/21

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	13		2		41		*		3	
Pen Size	170.6	59.3	206.0	149.9	143.6	54.3			154.0	78.2
In Pay Wt (lb)	800.5	118.1	900.5	64.3	896.4	104.1			642.0	182.0
Out Pay Wt (lb)	1348.3	46.1	1507.0	227.7	1543.4	81.3			834.0	107.6
% Dead	1.6	2.6	1.2	1.2	0.7	0.9			0.6	1.0
Carcass Yield %	63.8	0.7	63.9		63.6	0.9				
Days Fed	175.4	54.3	211.4	26.4	186.9	39.9			101.0	38.8
ADG (lb)	3.1	0.4	2.8	0.5	3.5	0.5			1.6	1.0
F:G	7.7	1.6	9.1	0.6	7.6	1.2			12.0	6.2
DMI (lb)	23.4	3.4	25.2	6.2	26.0	3.7			15.6	1.6
AFI (lb)	37.5	5.9	39.5	15.0	44.9	6.4			43.2	24.5
NEg(avg Mcal/cwt)	61.3	3.7	62.5	2.1	57.6	14.2			47.3	6.4
\$/lb gain Feed	\$0.92	\$0.18	\$0.99	\$0.26	\$0.86	\$0.11			\$0.91	\$0.24
\$/lb gain Total	\$1.09	\$0.23	\$1.19	\$0.28	\$1.04	\$0.16			\$1.38	\$0.30
\$/Ton Feed DM	\$199.69	\$22.33	\$187.96	\$51.51	\$193.18	\$23.87			\$127.49	\$67.61
Breakeven- live	\$123.37	\$8.83	\$125.27	\$10.90	\$124.42	\$5.28			\$146.47	\$12.00

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



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Feedlot Monitor Benchmark Report

Finished Winter 2021-2022
12/22/21 3/21/22

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	3		*		30		*		5	
Pen Size	167.0	26.9			150.0	67.2			100.2	36.5
In Pay Wt (lb)	830.0	69.6			880.2	105.5			521.0	39.8
Out Pay Wt (lb)	1364.0	91.1			1529.5	101.6			802.2	192.4
% Dead	1.5	1.2			1.2	1.1			0.6	0.9
Carcass Yield %	63.8	0.2			63.9	1.4				
Days Fed	157.1	15.1			182.5	34.9			104.2	46.9
ADG (lb)	3.3	0.3			3.5	0.6			2.3	1.0
F:G	7.5	0.7			7.5	1.1			8.2	3.4
DMI (lb)	24.9	0.6			26.0	2.8			16.0	2.8
AFI (lb)	46.5	2.1			44.4	6.3			27.4	7.6
NEg(avg Mcal/cwt)	63.3	2.1			57.6	14.2			48.2	7.8
\$/lb gain Feed	\$0.92	\$0.06			\$0.89	\$0.28			\$0.91	\$0.33
\$/lb gain Total	\$1.05	\$0.06			\$1.07	\$0.32			\$1.32	\$0.53
\$/Ton Feed DM	\$202.61	\$7.83			\$201.87	\$73.15			\$166.78	\$34.31
Breakeven- live	\$129.57	\$3.36			\$132.30	\$17.03			\$144.13	\$21.69

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Iowa State University Animal Industry Report 2022



Feedlot Monitor Benchmark Report

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Finished Spring 2022
3/22/22 6/21/22

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	10		2		47		*		19	
Pen Size	123.6	44.7	134.0	108.9	138.6	90.7			144.5	61.9
In Pay Wt (lb)	756.2	123.3	900.5	145.0	834.3	130.5			536.9	128.6
Out Pay Wt (lb)	1333.5	36.8	1487.0	4.2	1483.8	91.3			907.3	81.4
% Dead	0.8	1.0	0.0	0.0	1.0	1.2			1.4	1.7
Carcass Yield %	63.8	0.7			64.2	0.7				
Days Fed	176.3	39.7	154.2	19.0	187.9	37.4			149.8	38.2
ADG (lb)	3.3	0.3	3.8	0.5	3.5	0.6			2.5	0.9
F:G	7.3	1.0	7.9	0.9	7.3	1.0			6.7	1.2
DMI (lb)	24.0	2.2	29.4	0.4	24.8	3.2			17.6	2.7
AFI (lb)	41.9	4.5	48.2	9.5	40.9	5.9			34.3	6.0
NEg(avg Mcal/cwt)	59.9	4.3	61.0	0.0	54.5	17.3			53.1	3.9
\$/lb gain Feed	\$0.91	\$0.10	\$0.93	\$0.22	\$0.93	\$0.16			\$0.44	\$1.20
\$/lb gain Total	\$1.07	\$0.11	\$1.08	\$0.27	\$1.12	\$0.20			\$0.64	\$1.48
\$/Ton Feed DM	\$211.20	\$21.33	\$194.93	\$14.35	\$214.96	\$24.00			\$180.21	\$24.32
Breakeven- live	\$133.72	\$5.91	\$138.47	\$14.94	\$139.32	\$9.29			\$148.42	\$39.31

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Feedlot Monitor Benchmark Report

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Finished Summer 2022
6/22/22 9/21/22

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	9		2		58		*		4	
Pen Size	198.0	31.1	84.0	91.9	160.8	95.8			173.3	42.5
In Pay Wt (lb)	717.9	94.4	231.0	73.5	836.2	134.8			449.3	57.1
Out Pay Wt (lb)	1296.4	74.5	914.5	30.4	1493.4	67.2			947.5	99.3
% Dead	1.0	1.1	9.6	8.8	1.3	1.4			0.8	0.6
Carcass Yield %	63.4	0.8			64.6	1.2				
Days Fed	184.2	34.8	218.3	25.9	206.5	43.2			162.9	16.8
ADG (lb)	3.1	0.2	2.8	0.5	3.1	0.4			3.0	0.4
F:G	7.3	0.3	5.2	0.2	7.9	1.2			5.9	0.4
DMI (lb)	22.7	1.2	14.4	3.0	24.1	2.4			17.8	1.3
AFI (lb)	40.9	5.9	22.4	7.7	40.9	6.0			37.4	2.1
NEg(avg Mcal/cwt)	62.0	3.6	58.5	2.1	58.7	7.8			54.0	0.8
\$/lb gain Feed	\$1.08	\$0.08	\$0.57	\$0.28	\$0.93	\$0.12			\$0.64	\$0.04
\$/lb gain Total	\$1.23	\$0.08	\$0.81	\$0.21	\$1.16	\$0.13			\$0.85	\$0.07
\$/Ton Feed DM	\$252.89	\$10.73	\$203.34	\$89.48	\$206.88	\$35.35			\$186.35	\$5.45
Breakeven- live	\$138.67	\$5.89	\$94.64	\$25.28	\$138.80	\$11.34			\$147.72	\$4.35

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