

Cattle Feeding Benchmark Data: Fall & Winter 2020; Spring & Summer 2021

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Summary and Implications

A summary of closeouts from the fall of 2020 through the summer of 2021 is provided on feedlot heifers, steers, mixed pens and preconditioning cattle.

Introduction

The lock downs and forced plant shut downs due to the Wuhan China virus (Covid 19 virus) began to let up and the backlog of cattle supplies was brought up to current demands over this period. The trend for heavier carcass weights began to be reversed and by the end of summer, market weights were less than pre-Covid 19 market weights. Feed-grain prices remained strong, but market value of beef outpaced production costs.

Materials and Methods


Closeout data from cattle pens finished from the fall of 2020 through the summer of 2021 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 2020 (Sept. 22, 2020 through Dec. 21, 2020), Winter of 2020 (Dec. 22, 2021 through March 21, 2021), Spring of 2021 (March 22, 2021 through June 21, 2021) and Summer of 2021 (June 22, 2021 through Sept. 21, 2021) were provided as follows:

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Feedlot Monitor Benchmark Report

Finished Fall 2020
9/22/20 12/21/20

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	7		*		36		*		6	
Pen Size	151.0	12.5			179.6	79.7			105.5	40.5
In Pay Wt (lb)	820.0	135.7			872.4	165.0			650.2	39.7
Out Pay Wt (lb)	1317.3	85.7			1588.7	68.0			842.5	62.8
% Dead	1.2	1.1			0.9	0.8			1.6	2.2
Carcass Yield %					65.4	5.8				
Days Fed	170.7	38.6			216.2	53.7			71.3	16.6
ADG (lb)	2.7	0.6			3.3	0.4			2.6	0.6
F:G	9.3	1.9			8.2	0.8			9.4	3.3
DMI (lb)	24.6	1.0			26.7	1.7			23.1	6.1
AFI (lb)	36.6	2.1			39.6	3.2			32.7	5.2
NEG(avg Mcal/cwt)	59.9	0.4			60.1	0.9			47.3	6.2
\$/lb gain Feed	\$0.76	\$0.14			\$0.67	\$0.07			\$0.66	\$0.20
\$/lb gain Total	\$1.03	\$0.20			\$0.89	\$0.09			\$0.92	\$0.24
\$/Ton Feed DM	\$136.94	\$13.11			\$140.03	\$14.60			\$100.85	\$11.76
Breakeven- live	\$118.41	\$4.42			\$115.98	\$6.03			\$135.34	\$10.53

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



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Feedlot Monitor Benchmark Report

Finished Winter 2020-2021
12/22/20 3/21/21

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	21		*		36		*		3	
Pen Size	140.0	64.5			124.4	57.2			79.0	12.1
In Pay Wt (lb)	821.1	104.5			877.2	72.7			660.0	93.5
Out Pay Wt (lb)	1365.5	111.0			1537.2	92.2			901.0	190.5
% Dead	2.0	2.2			0.7	1.0			0.9	0.8
Carcass Yield %	63.3	0.6			64.0	1.8				
Days Fed	175.3	49.6			201.8	34.0			96.0	23.3
ADG (lb)	3.2	1.6			3.3	1.0			2.4	0.3
F:G	8.6	1.0			8.5	1.2			7.3	0.6
DMI (lb)	27.3	11.9			27.9	7.8			17.1	1.6
AFI (lb)	42.6	21.5			45.0	13.7			24.8	1.4
NEG(avg Mcal/cwt)	60.7	2.7			54.1	12.3			48.7	6.4
\$/lb gain Feed	\$0.75	\$0.11			\$0.67	\$0.10			\$0.61	\$0.05
\$/lb gain Total	\$0.95	\$0.14			\$0.87	\$0.14			\$0.87	\$0.12
\$/Ton Feed DM	\$146.04	\$14.66			\$137.70	\$18.67			\$119.73	\$6.56
Breakeven- live	\$114.78	\$6.19			\$112.11	\$13.81			\$133.55	\$18.34

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Feedlot Monitor Benchmark Report

Finished Spring 2021
3/22/21 6/21/21

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	10		*		44		*		10	
Pen Size	89.4	45.2			176.1	86.4			77.1	35.6
In Pay Wt (lb)	882.9	79.1			823.7	117.6			530.0	164.9
Out Pay Wt (lb)	1439.7	90.8			1466.8	100.8			842.7	120.7
% Dead	0.7	1.1			1.3	1.6			1.7	5.0
Carcass Yield %	63.0				64.1	1.5				
Days Fed	172.0	28.0			200.2	35.8			125.9	73.6
ADG (lb)	3.2	0.6			3.2	0.5			2.4	0.5
F:G	8.3	1.7			7.6	1.1			7.6	1.7
DMI (lb)	25.9	3.5			24.0	2.9			17.7	3.2
AFI (lb)	38.7	6.7			39.1	5.6			26.7	5.0
NEg(avg Mcal/cwt)	61.2	1.3			58.5	10.1			48.2	3.6
\$/lb gain Feed	\$0.76	\$0.19			\$0.79	\$0.12			\$0.61	\$0.15
\$/lb gain Total	\$0.95	\$0.23			\$0.98	\$0.16			\$0.81	\$0.18
\$/Ton Feed DM	\$152.15	\$13.33			\$176.69	\$22.70			\$119.04	\$26.12
Breakeven- live	\$114.24	\$16.30			\$122.56	\$7.67			\$122.24	\$17.90

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Feedlot Monitor Benchmark Report

Finished Summer 2021
6/22/21 9/21/21

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	20		3		44		*		*	
Pen Size	118.0	49.2	297.3	204.4	171.8	82.2				
In Pay Wt (lb)	859.3	149.8	723.0	193.5	852.3	164.9				
Out Pay Wt (lb)	1413.1	72.4	1386.0	150.6	1462.6	131.2				
% Dead	1.7	2.2	0.6	0.7	1.4	1.6				
Carcass Yield %	64.5	0.2			63.9	1.0				
Days Fed	177.6	55.8	239.8	17.1	183.8	45.1				
ADG (lb)	2.9	1.0	2.7	0.1	3.3	0.5				
F:G	8.4	2.5	8.7	2.3	7.8	1.4				
DMI (lb)	25.4	6.8	23.6	5.3	25.0	3.5				
AFI (lb)	38.1	11.0	34.5	13.7	40.2	6.4				
NEg(avg Mcal/cwt)	61.8	1.8	59.7	3.2	60.0	7.3				
\$/lb gain Feed	\$0.63	\$0.83	\$0.82	\$0.15	\$0.86	\$0.15				
\$/lb gain Total	\$0.77	\$1.02	\$0.99	\$0.17	\$1.06	\$0.20				
\$/Ton Feed DM	\$157.30	\$41.93	\$169.89	\$23.99	\$187.19	\$24.67				
Breakeven- live	\$109.86	\$25.80	\$122.57	\$6.99	\$123.03	\$7.64				

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