

Cattle Feeding Benchmark Data: Fall & Winter 2019 Spring & Summer 2020

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Summary and Implications

A summary of closeouts from the fall of 2019 through the summer of 2020 is provided on feedlot heifers, steers, mixed pens and preconditioning cattle.

Introduction

Reports of the Wuhan China virus began to surface in early winter on social media and by late March the effects were known and admitted by main stream media outlets. Cattle markets began feeling the pressure of temporary plant shut downs due to health issues arising from this pestilence in the labor force shortly after leading to delays in cattle harvest. The trend for heavier carcass weights continued at a faster rate because of the delayed slaughter and the necessity to hold cattle for longer periods of time was also reflected in the higher cost of gain than what would have been projected. It seems that in this process producers may have found the upper limit in terms of cattle weights that processing plants were willing to handle.

Materials and Methods

Closeout data from cattle pens finished from the fall of 2019 through the summer of 2020 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 2019 (Sept. 22, 2019 through Dec. 21, 2019), Winter of 2019 (Dec. 22, 2019 through March 21, 2020), Spring of 2020 (March 22, 2020 through June 22, 2020) and Summer of 2020 (June 23, 2020 through Sept. 22, 2020) were provided as follows:

Iowa State University Animal Industry Report 2020



Feedlot Monitor Benchmark Report

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Finished Fall 2019
9/22/19 12/21/19

	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		*		39		*		*	
Pen Size	199.0	113.6			170.3	99.4				
In Pay Wt (lb)	829.8	165.2			873.4	111.8				
Out Pay Wt (lb)	1367.3	251.7			1543.4	73.8				
% Dead	1.6	2.1			1.3	1.4				
Carcass Yield %					62.7	1.4				
Days Fed	172.0	51.3			200.4	50.6				
ADG (lb)	2.9	0.5			3.3	0.5				
F:G	8.4	1.1			7.9	0.9				
DMI (lb)	24.0	2.6			25.8	2.4				
AFI (lb)	36.3	2.6			39.9	5.9				
NEg(avg Mcal/cwt)	58.9	3.6			59.9	3.1				
\$/lb gain Feed	\$0.67	\$0.10			\$0.60	\$0.08				
\$/lb gain Total	\$0.89	\$0.15			\$0.76	\$0.14				
\$/Ton Feed DM	\$132.10	\$13.75			\$130.24	\$13.75				
Breakeven- live	\$115.83	\$7.76			\$111.07	\$6.55				

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



Feedlot Monitor Benchmark Report

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Finished Winter 2019 - 2020
12/22/19 3/21/20

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	10		*		57		*		9	
Pen Size	156.9	56.1			185.4	81.4			112.4	46.3
In Pay Wt (lb)	770.6	118.8			869.0	173.0			679.7	97.3
Out Pay Wt (lb)	1363.8	106.1			1524.1	125.2			844.6	97.1
% Dead	2.3	2.5			1.0	1.1			1.2	1.9
Carcass Yield %	64.3				63.6	0.9				
Days Fed	200.0	50.0			203.0	49.2			77.0	32.1
ADG (lb)	2.8	0.4			3.2	0.4			2.2	1.0
F:G	8.9	1.5			8.2	0.9			16.4	22.1
DMI (lb)	24.2	1.5			26.0	3.0			21.2	6.2
AFI (lb)	37.0	2.6			39.1	5.6			36.1	13.5
NEg(avg Mcal/cwt)	59.8	1.4			60.1	3.3			46.2	8.1
\$/lb gain Feed	\$0.73	\$0.11			\$0.65	\$0.07			\$0.90	\$0.81
\$/lb gain Total	\$0.94	\$0.17			\$0.83	\$0.12			\$1.34	\$1.43
\$/Ton Feed DM	\$141.73	\$10.96			\$133.86	\$12.72			\$92.04	\$23.66
Breakeven- live	\$117.57	\$5.72			\$116.14	\$5.15			\$131.96	\$10.19

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Feedlot Monitor Benchmark Report

Finished Spring 2020
3/22/20 6/21/20

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	2		*		47		*		*	
Pen Size	120.0	39.6			173.4	96.0				
In Pay Wt (lb)	702.0	151.3			839.1	118.0				
Out Pay Wt (lb)	1329.0	137.2			1549.3	130.2				
% Dead	3.4	2.8			1.1	1.5				
Carcass Yield %	64.4				63.7	0.9				
Days Fed	202.1	17.5			219.9	61.1				
ADG (lb)	2.9	0.3			3.2	0.4				
F:G	7.9	0.3			8.0	0.9				
DMI (lb)	22.9	1.9			25.5	3.1				
AFI (lb)	37.7	1.9			41.0	5.0				
NEg(avg Mcal/cwt)	59.0	1.4			57.7	11.7				
\$/lb gain Feed	\$0.63	\$0.07			\$0.63	\$0.08				
\$/lb gain Total	\$0.81	\$0.06			\$0.80	\$0.12				
\$/Ton Feed DM	\$138.88	\$13.92			\$136.66	\$13.72				
Breakeven- live	\$114.65	\$0.04			\$116.38	\$5.98				

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Feedlot Monitor Benchmark Report

Finished Summer 2020
6/22/20 9/21/20

	Heifers		Mixed		Steers		Dairy Steers		Background/Hef Dev	
	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation	Average	St.Deviation
Pens	16		3		63		*		7	
Pen Size	135.6	18.0	431.0	81.4	180.5	81.2			111.4	40.2
In Pay Wt (lb)	760.3	127.4	700.3	153.0	838.3	122.0			657.3	40.8
Out Pay Wt (lb)	1345.6	57.2	1413.7	196.2	1553.8	101.1			856.4	68.1
% Dead	2.4	2.3	2.6	2.0	1.0	0.9			1.6	2.0
Carcass Yield %					64.9	4.2				
Days Fed	193.5	42.1	237.5	4.1	221.9	37.3			72.6	15.5
ADG (lb)	2.9	0.3	2.9	0.2	3.2	0.4			2.6	0.6
F:G	8.3	1.0	7.6	1.0	8.0	0.9			9.2	3.0
DMI (lb)	23.7	1.4	21.8	4.8	25.3	2.2			23.1	5.6
AFI (lb)	35.6	2.5	32.4	12.2	38.0	4.7			33.4	5.1
NEg(avg Mcal/cwt)	59.6	1.1	61.7	0.6	58.8	8.2			48.3	6.2
\$/lb gain Feed	\$0.66	\$0.09	\$0.57	\$0.04	\$0.62	\$0.07			\$0.66	\$0.18
\$/lb gain Total	\$0.87	\$0.11	\$0.73	\$0.02	\$0.83	\$0.11			\$0.90	\$0.23
\$/Ton Feed DM	\$135.84	\$12.32	\$132.52	\$8.06	\$134.68	\$9.26			\$102.73	\$11.83
Breakeven- live	\$113.04	\$7.45	\$116.70	\$1.24	\$115.77	\$6.68			\$133.67	\$10.59

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*Notable events: Covid 19 slaughter delays