

LIVESTOCK PRODUCTION COSTS

HOG PRODUCTION COSTS AND RETURNS HEARTLAND REGION ¹, 2020

Item	All Hogs	Farrow to Finish	Farrow to Feeder Pig ²	Feeder Pig to Finish
Dollars per Cwt Gain ³				
Gross Value of Production:				
Market Hogs	48.27	46.99	0.04	52.77
Feeder Pigs	6.05	0.05	89.99	0.08
Nursery Pigs	0.46	0.02	0.00	0.00
Cull Stock	0.27	0.86	2.64	0.02
Breeding Stock	0.57	0.04	0.13	0.00
Inventory Change	1.57	-0.06	0.46	2.05
Other Income ⁴	4.05	3.62	4.74	4.09
Total, Gross Value of Production	61.24	51.52	98.00	59.01
Operating Costs:				
Feed--				
Purchased Feed	30.84	28.54	45.29	30.57
Homegrown Harvested Feed	1.93	6.09	0.82	1.32
Total, Feed Costs	32.77	34.63	46.11	31.89
Other--				
Feeder Pigs	9.93	0.46	0.02	12.45
Nursery Pigs	3.94	0.17	0.03	3.27
Veterinary and Medicine	2.83	3.48	9.72	2.26
Bedding and Litter	0.02	0.05	0.07	0.01
Marketing	0.09	0.23	0.12	0.06
Custom Services	0.38	0.85	1.39	0.27
Fuel, Lube, and Electricity	2.09	2.43	3.77	2.02
Repairs	1.12	1.67	2.24	0.98
Interest on Operating Capital	0.11	0.09	0.13	0.11
Total, Operating Costs	53.28	44.06	63.60	53.32
Allocated Overhead:				
Hired Labor	1.91	5.57	11.81	0.77
Opportunity Cost of Unpaid Labor	2.43	5.58	7.45	1.89
Capital Recovery of Machinery and Equipment ⁵	10.62	14.68	33.49	8.65
Opportunity Cost of Land (rental rate)	0.04	0.08	0.10	0.03
Taxes and Insurance	1.03	0.72	1.74	1.04
General Farm Overhead	1.63	1.31	2.78	1.68
Total, Allocated Overhead	17.66	27.94	57.37	14.06
Total Costs Listed	70.94	72.00	120.97	67.38
Value of Production Less Total Costs Listed	-9.70	-20.48	-22.97	-8.37
Value of Production Less Operating Costs	7.96	7.46	34.40	5.69
Supporting Information:				
Production Arrangement (percent of production)				
Independent	35	100	63	22
Under Contract	65	0	37	78
Size of Operation (head sold/removed)				
Market Hogs	5,734	3,166	2	7,394
Feeder Pigs	2,047	14	12,061	24
Nursery Pigs	294	13	0	0

¹ Heartland Region includes: Illinois, Indiana, Iowa, Western Kentucky, Southern and Western Minnesota, North and Central Missouri, Northeastern Nebraska, Western Ohio, and Southeastern North Dakota. Developed from survey base year, 2015.

² Data published is for the United States, data for Heartland Region not available.

³ Cwt. gain = (cwt. sold - cwt. purchased) + cwt. inventory change.

⁴ Value of manure production.

⁵ Machinery and equipment, housing, manure handling, feed storage structures, and the breeding herd.

LIVESTOCK PRODUCTION COSTS

COW-CALF, AND MILK PRODUCTION, COSTS AND RETURNS HEARTLAND REGION ¹, 2020

Cow-Calf Production ²	Dollars Per Bred Cow	Milk Production ³	Dollars Per Cwt
Gross Value of Production:		Gross Value of Production:	
Calves	573.79	Milk Sold	19.01
Stockers and Yearlings	54.16	Cattle	1.39
Other Cattle ⁴	100.28	Other Income ⁶	0.48
Total, Gross Value of Production	728.23	Total, Gross Value of Production	20.88
Operating Costs:		Operating Costs:	
Feed--		Feed--	
Purchased Feed	132.09	Purchased Feed	5.73
Homegrown Harvested Feed	276.53	Homegrown Harvested Feed	3.86
Grazed Feed	131.84	Grazed Feed	0.06
Total, Feed Costs	540.46	Total, Feed Costs	9.65
Other--		Other--	
Cattle for Backgrounding	74.80	Veterinary and Medicine	0.88
Veterinary and Medicine	39.59	Bedding and Litter	0.24
Bedding and Litter	0.44	Marketing	0.13
Marketing	12.94	Custom Services	0.73
Custom Services	12.56	Fuel, Lube, and Electricity	0.85
Fuel, Lube, and Electricity	35.62	Repairs	0.84
Repairs	66.38	Other Operating Costs ⁷	0.01
Interest on Operating Capital	1.64	Interest on Operating Capital	0.03
Total, Operating Costs	784.43	Total, Operating Costs	13.36
Allocated Overhead:		Allocated Overhead:	
Hired Labor	19.20	Hired Labor	2.21
Opportunity Cost of Unpaid Labor	466.05	Opportunity Cost of Unpaid Labor	2.50
Capital Recovery Cost (Machinery & Equipment) ⁵	331.18	Capital Recovery of Machinery and Equipment ⁸	4.64
Opportunity Cost of Land (rental rate)	0.29	Opportunity Cost of Land (rental rate)	0.04
Taxes and Insurance	33.14	Taxes and Insurance	0.22
General Farm Overhead	36.02	General Farm Overhead	0.65
Total, Allocated Overhead	885.88	Total, Allocated Overhead	10.26
Total Cost Listed	1,670.31	Total Costs Listed	23.62
Value of Production Less Total Costs Listed	-942.08	Value of Production Less Total Costs Listed	-2.74
Value of Production Less Operating Costs	-56.20	Value of Production Less Operating Costs	7.52

¹ Heartland Region includes: Illinois, Indiana, Iowa, Western Kentucky, Southern and Western Minnesota, North and Central Missouri, Northeastern Nebraska, Western Ohio, and Southeastern North Dakota.

² Developed from survey base year, 2008. Includes operations with at least 20 beef cows.

³ Developed from survey base year, 2016.

⁴ Other cattle includes the value of cull cattle and breeding stock sales.

⁵ Machinery and equipment, beef cattle housing and holding facilities, feed storage structures, and beef cattle breeding herd.

⁶ Income from renting or leasing dairy stock to other operations; renting space to other dairy operations; co-op patronage dividends associated with the dairy; assessment rebates, refunds, and other dairy-related resources; and the fertilizer value of manure production.

⁷ Costs for third party organic certification.

⁸ Machinery and equipment, and housing, manure handling, and feed storage structures, and dairy breeding herd.