

LIVESTOCK PRODUCTION COSTS

HOG PRODUCTION COSTS AND RETURNS HEARTLAND REGION ¹, 2015

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	59.43	58.68	6.07	64.23
Feeder Pigs	7.30	.10	135.37	.15
Nursery Pigs	2.34	.26	0.00	.01
Cull Stock	.54	1.53	5.26	.00
Breeding Stock	.56	.27	.43	.00
Inventory Change	.68	1.07	.05	.69
Other Income ⁴	5.82	4.32	4.97	6.32
Total, Gross Value of Production	76.67	66.23	152.15	71.40
Operating Costs:				
Feed--				
Purchased Feed	37.18	34.42	71.27	33.89
Homegrown Harvested Feed	3.25	7.11	2.17	2.36
Total, Feed Costs	40.43	41.53	73.44	36.25
Other--				
Feeder Pigs	12.54	.00	1.63	16.86
Nursery Pigs	6.79	.07	.00	5.46
Veterinary and Medicine	1.75	2.39	4.47	1.37
Bedding and Litter	.01	.04	.12	.01
Marketing	.32	.42	.22	.29
Custom Services	.28	.47	.17	.22
Fuel, Lube, and Electricity	1.14	1.40	3.61	.90
Repairs	.73	.99	1.80	.55
Interest on Operating Capital	.05	.04	.07	.05
Total, Operating Costs	64.04	47.35	85.53	61.96
Allocated Overhead:				
Hired Labor	1.60	3.46	10.45	.69
Opportunity Cost of Unpaid Labor	2.49	3.29	14.32	1.82
Capital Recovery of Machinery and Equipment ⁵	7.40	9.92	19.99	5.98
Opportunity Cost of Land (rental rate)	.02	.03	.07	.01
Taxes and Insurance	.55	.63	1.38	.44
General Farm Overhead	.93	.97	4.21	.70
Total, Allocated Overhead	12.99	18.30	50.42	9.64
Total Costs Listed	77.03	65.65	135.95	71.60
Value of Production Less Total Costs Listed	-.36	.58	16.20	-.20
Value of Production Less Operating Costs	12.63	18.88	66.62	9.44
Supporting Information:				
Production Arrangement (percent of production)				
Independent	39	100	51	25
Under Contract	61	0	49	75
Size of Operation (head sold/removed)				
Market Hogs	5,794	4,974	99	7,464
Feeder Pigs	1,597	19	4,316	40
Nursery Pigs	867	371	0	4

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, 2009.

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, 2015

Cow-Calf Production ²	Dollars Per Bred Cow	Milk Production ³	Dollars Per Cwt
Gross Value of Production:		Gross Value of Production:	
Calves	880.29	Milk Sold	17.20
Stockers and Yearlings	67.93	Cattle	2.47
Other Cattle ⁴	160.89	Other Income ⁶	.85
Total, Gross Value of Production	1,109.11	Total, Gross Value of Production	20.52
Operating Costs:		Operating Costs:	
Feed--		Feed--	
Purchased Feed	132.79	Purchased Feed	7.53
Homegrown Harvested Feed	290.35	Homegrown Harvested Feed	5.93
Grazed Feed	131.98	Grazed Feed	.13
Total, Feed Costs	555.12	Total, Feed Costs	13.59
Other--		Other--	
Cattle for Backgrounding	114.75	Veterinary and Medicine	.94
Veterinary and Medicine	37.74	Bedding and Litter	.40
Bedding and Litter	.42	Marketing	.20
Marketing	12.33	Custom Services	.67
Custom Services	11.97	Fuel, Lube, and Electricity	.67
Fuel, Lube, and Electricity	31.75	Repairs	.83
Repairs	59.96	Other Operating Costs ⁷	.01
Interest on Operating Capital	.70	Interest on Operating Capital	.01
Total, Operating Costs	824.74	Total, Operating Costs	17.32
Allocated Overhead:		Allocated Overhead:	
Hired Labor	15.64	Hired Labor	1.29
Opportunity Cost of Unpaid Labor	416.70	Opportunity Cost of Unpaid Labor	4.15
Capital Recovery Cost (Machinery & Equipment) ⁵	299.12	Capital Recovery of Machinery and Equipment ⁸	4.56
Opportunity Cost of Land (rental rate)	.28	Opportunity Cost of Land (rental rate)	.04
Taxes and Insurance	31.58	Taxes and Insurance	.25
General Farm Overhead	32.72	General Farm Overhead	.63
Total, Allocated Overhead	796.04	Total, Allocated Overhead	10.92
Total Cost Listed	1,620.78	Total Costs Listed	28.24
Value of Production Less Total Costs Listed	-511.67	Value of Production Less Total Costs Listed	-7.72
Value of Production Less Operating Costs	284.37	Value of Production Less Operating Costs	3.20

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, 2010.

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.