

Livestock Reports

The Livestock Enterprise Analysis tables show the average physical production, gross margin over purchase costs, direct costs, overhead costs, and net returns per budget unit.

Gross Margin is the accrual gross value produced by the enterprise. It includes income from sale of offspring and livestock products, cull income, non-cash transfers to other enterprises, and the value of production used in the home or for feed. It also includes the value of inventory change from beginning to the end of the year. The cost of livestock purchased and the value of animals transferred in are deducted.

Net Return is the amount contributed by a unit of the enterprise toward operator labor, management, and equity capital. Any wages and benefits paid to the operator are removed from labor costs (and added to *Labor and Management Charge*) so that all farms are on equal footing.

Net Return Over Labor and Management is the return remaining after compensating the operator for unpaid labor and management. This is the per unit return to equity capital.

Cost of Production section shows the average cost per unit sold in each cost category. *Total direct and overhead expense per unit* is the breakeven price needed to cover cash costs and depreciation. For grow/finish enterprises, this includes the purchase cost or transfer-in value of the animal. *With other revenue adjustments* is the final breakeven price adjusted for cull sales, other offspring sales, the cost of replacement stock, and other miscellaneous income. *With labor and management* is the breakeven price to provide labor and management return for the operator.

Other Information contains both economic and technical efficiency measures for each enterprise.

Rounding of individual items for the report may have caused minor discrepancies with the calculated totals. If fewer than 5 farms complete analysis on any given livestock enterprise, information for that enterprise is not reported.

Livestock Enterprise Analysis
2010 Missouri FBMA Farm Summary
(Farms Sorted By Years)

Beef Cow-Calf -- Average Per Cwt. Produced

	2010	
Number of farms	26	
	Quantity	Value
Beef Calves sold (lb)	84.36	90.24
Transferred out (lb)	5.77	6.96
Cull sales (lb)	25.51	12.33
Other income		0.34
Purchased (lb)	-25.20	-24.49
Inventory change (lb)	9.28	39.12
Gross margin		124.50
Direct Expenses		
Protein Vit Minerals (lb.)	12.55	2.68
Complete Ration (lb.)	61.59	8.82
Corn (bu.)	2.51	9.77
Corn Silage (lb.)	282.93	3.55
Hay, Grass (lb.)	879.02	20.25
Pasture (aum)	1.60	15.41
Other feed stuffs (lb)	26.29	0.98
Breeding fees		0.89
Veterinary		3.18
Supplies		3.35
Fuel & oil		6.43
Repairs		3.99
Hired labor		3.25
Utilities		1.79
Operating interest		1.88
Miscellaneous		1.21
Total direct expenses		87.42
Return over direct expense		37.08
Overhead Expenses		
Hired labor		6.22
RE & pers. property taxes		2.12
Farm insurance		1.93
Interest		9.04
Mach & bldg depreciation		5.45
Miscellaneous		3.80
Total overhead expenses		28.57
Total dir & ovhd expenses		115.99
Net return		8.51
Labor & management charge		20.26
Net return over lbr & mgt		-11.75
Cost of Production Per Cwt. Produced		
Total direct expense per unit		87.42
Total dir & ovhd expense per unit		115.99
With other revenue adjustments		117.22
With labor and management		137.48
Est. labor hours per unit		2.15
Other Information		
Number of cows		74.0
Pregnancy percentage		94.2
Pregnancy loss percentage		2.3
Culling percentage		9.7
Calving percentage		92.1
Weaning percentage		86.3
Calves sold per cow		0.70
Calf death loss percent		11.8
Cow death loss percent		2.7
Cows per FTE		279.2
Average weaning weight		482
Lb. weaned/exposed female		416
Feed cost per cow		286.75
Avg wgt/ Beef Calves sold		615
Avg price / cwt.		106.97

Livestock Enterprise Analysis
2010 Missouri FBMA Farm Summary
(Farms Sorted By Years)

Beef Cow-Calf -- Average Per Cow

	2010	
Number of farms	26	
	Quantity	Value
Beef Calves sold (lb)	393.6	421.07
Transferred out (lb)	26.9	32.49
Cull sales (lb)	119.0	57.54
Other income		1.58
Purchased (lb)	-117.6	-114.29
Inventory change (lb)	43.3	182.54
Gross margin		580.93
Direct Expenses		
Protein Vit Minerals (lb.)	58.6	12.53
Complete Ration (lb.)	287.4	41.14
Corn (bu.)	11.7	45.57
Corn Silage (lb.)	1,320.2	16.56
Hay, Grass (lb.)	4,101.5	94.49
Pasture (aum)	7.5	71.90
Other feed stuffs (lb)	122.7	4.56
Breeding fees		4.13
Veterinary		14.83
Supplies		15.64
Fuel & oil		29.99
Repairs		18.61
Hired labor		15.17
Utilities		8.36
Operating interest		8.75
Miscellaneous		5.64
Total direct expenses		407.89
Return over direct expense		173.04
Overhead Expenses		
Hired labor		29.03
RE & pers. property taxes		9.91
Farm insurance		9.02
Interest		42.19
Mach & bldg depreciation		25.42
Miscellaneous		17.75
Total overhead expenses		133.31
Total dir & ovhd expenses		541.20
Net return		39.73
Labor & management charge		94.54
Net return over lbr & mgt		-54.81
Cost of Production Per Cwt. Produced		
Total direct expense per unit		87.42
Total dir & ovhd expense per unit		115.99
With other revenue adjustments		117.22
With labor and management		137.48
Est. labor hours per unit		10.03
Other Information		
Number of cows		74.0
Pregnancy percentage		94.2
Pregnancy loss percentage		2.3
Culling percentage		9.7
Calving percentage		92.1
Weaning percentage		86.3
Calves sold per cow		0.70
Calf death loss percent		11.8
Cow death loss percent		2.7
Cows per FTE		279.2
Average weaning weight		482
Lb. weaned/exposed female		416
Feed cost per cow		286.75
Avg wgt/ Beef Calves sold		615
Avg price / cwt.		106.97

Livestock Enterprise Analysis
2010 Missouri FBMA Farm Summary
(Farms Sorted By Years)

Beef Backgrounding -- Average Per Cwt. Produced

	2010	
Number of farms	5	
	Quantity	Value
Backgnd Beef sold (lb)	261.59	244.95
Other income		-
Purchased (lb)	-139.70	-162.41
Transferred in (lb)	-10.06	-11.83
Inventory change (lb)	-11.84	15.80
Gross margin		86.51
Direct Expenses		
Corn Gluten (lb.)	161.30	4.95
Protein Vit Minerals (lb.)	11.76	1.50
Complete Ration (lb.)	334.08	39.93
Corn Silage (lb.)	230.91	3.61
Hay, Grass (lb.)	221.89	7.96
Pasture (aum)	0.32	3.23
Rye Silage (lb.)	111.51	1.88
Other feed stuffs (lb)	11.82	1.61
Veterinary		6.35
Supplies		0.37
Fuel & oil		3.87
Repairs		1.69
Utilities		0.62
Operating interest		3.73
Miscellaneous		1.66
Total direct expenses		82.95
Return over direct expense		3.56
Overhead Expenses		
RE & pers. property taxes		0.54
Interest		0.63
Mach & bldg depreciation		1.15
Miscellaneous		1.07
Total overhead expenses		3.38
Total dir & ovhd expenses		86.33
Net return		0.18
Labor & management charge		9.64
Net return over lbr & mgt		-9.46
Cost of Production Per Cwt. Produced		
Total direct expense per unit		92.28
Total dir & ovhd expense per unit		93.57
With other revenue adjustments		93.57
With labor and management		97.25
Est. labor hours per unit		0.54
Other Information		
No. purchased or trans in		294
Number sold or trans out		296
Percentage death loss		0.8
Avg. daily gain (lb.)		1.92
Lb. of conc / lb. of gain		5.25
Lb. of feed / lb. of gain		8.79
Feed cost per cwt. of gain		64.66
Feed cost per head		215.79
Average purchase weight		454
Avg wgt / Backgnd Beef sold		784
Avg purch price / cwt.		116.26
Avg sales price / cwt.		93.64

Livestock Enterprise Analysis
2010 Missouri FBMA Farm Summary
(Farms Sorted By Years)

Beef Backgrounding -- Average Per Head

	2010	
Number of farms	5	
	Quantity	Value
Backgnd Beef sold (lb)	873.0	817.50
Other income		-
Purchased (lb)	-466.2	-542.04
Transferred in (lb)	-33.6	-39.47
Inventory change (lb)	-39.5	52.74
Gross margin		288.73
Direct Expenses		
Corn Gluten (lb.)	538.3	16.51
Protein Vit Minerals (lb.)	39.2	5.00
Complete Ration (lb.)	1,115.0	133.26
Corn Silage (lb.)	770.6	12.04
Hay, Grass (lb.)	740.5	26.57
Pasture (aum)	1.1	10.77
Rye Silage (lb.)	372.2	6.26
Other feed stuffs (lb)	39.4	5.38
Veterinary		21.21
Supplies		1.23
Fuel & oil		12.90
Repairs		5.65
Utilities		2.07
Operating interest		12.46
Miscellaneous		5.53
Total direct expenses		276.83
Return over direct expense		11.89
Overhead Expenses		
RE & pers. property taxes		1.81
Interest		2.09
Mach & bldg depreciation		3.82
Miscellaneous		3.57
Total overhead expenses		11.29
Total dir & ovhd expenses		288.13
Net return		0.60
Labor & management charge		32.17
Net return over lbr & mgt		-31.56
Cost of Production Per Cwt. Produced		
Total direct expense per unit		92.28
Total dir & ovhd expense per unit		93.57
With other revenue adjustments		93.57
With labor and management		97.25
Est. labor hours per unit		1.80
Other Information		
No. purchased or trans in		294
Number sold or trans out		296
Percentage death loss		0.8
Avg. daily gain (lb.)		1.92
Lb. of conc / lb. of gain		5.25
Lb. of feed / lb. of gain		8.79
Feed cost per cwt. of gain		64.66
Feed cost per head		215.79
Average purchase weight		454
Avg wgt / Backgnd Beef sold		784
Avg purch price / cwt.		116.26
Avg sales price / cwt.		93.64

Livestock Enterprise Analysis
2010 Missouri FBMA Farm Summary
(Farms Sorted By Years)

Hogs, Farrow To Finish -- Average Per Cwt. Carcass Sold

	2010	
Number of farms	4	
	Quantity	Value
Raised Hogs sold (lb)	131.84	74.77
Cull sales (lb)	4.74	2.31
Other income		1.04
Purchased (lb)	-0.72	-1.22
Inventory change (lb)	-7.77	6.42
Gross margin		83.31
Direct Expenses		
Protein Vit Minerals (lb.)	65.99	12.59
Complete Ration (lb.)	100.11	12.32
Com (bu.)	5.12	21.81
Veterinary		2.62
Supplies		1.44
Fuel & oil		1.66
Repairs		1.64
Hired labor		4.12
Livestock leases		3.36
Utilities		1.13
Miscellaneous		2.68
Total direct expenses		65.37
Return over direct expense		17.94
Overhead Expenses		
Building leases		0.95
Farm insurance		1.27
Interest		0.53
Miscellaneous		1.16
Total overhead expenses		3.91
Total dir & ovhd expenses		69.27
Net return		14.04
Labor & management charge		0.53
Net return over lbr & mgt		13.51
Cost of Production/Cwt. Carcass Sold		
Total direct expense per unit		65.37
Total dir & ovhd expense per unit		69.27
With other revenue adjustments		66.72
With labor and management		67.25
Est. labor hours per unit		0.33
Other Information		
Average number of sows		197.5
Litters farrowed		421
Litters per sow		2.13
Litters per crate		15.72
Pigs born per litter		10.07
Pigs weaned per litter		9.36
Pigs weaned per sow		20.15
Pigs sold per litter		8.77
Percent substandard hogs		1
Lb. of feed / lb. of gain		3.54
Feed cost / cwt. of gain		36.46
Feed cost per litter		770.73
Avg wgt/Raised Hogs sold		248
Avg price / cwt.		56.71
Average carcass weight		189
Average price / cwt. carcass		74.53

Livestock Enterprise Analysis
2010 Missouri FBMA Farm Summary
(Farms Sorted By Years)

Hogs, Farrow To Finish -- Average Per Litter

	2010	
Number of farms	4	
	Quantity	Value
Raised Hogs sold (lb)	2,175.1	1,233.55
Cull sales (lb)	78.1	38.11
Other income		17.12
Purchased (lb)	-11.9	-20.16
Inventory change (lb)	-128.2	105.92
Gross margin		1,374.54
Direct Expenses		
Protein Vit Minerals (lb.)	1,088.7	207.73
Complete Ration (lb.)	1,651.7	203.21
Com (bu.)	84.5	359.80
Veterinary		43.20
Supplies		23.77
Fuel & oil		27.34
Repairs		27.05
Hired labor		68.01
Livestock leases		55.44
Utilities		18.69
Miscellaneous		44.27
Total direct expenses		1,078.49
Return over direct expense		296.04
Overhead Expenses		
Building leases		15.61
Farm insurance		20.92
Interest		8.77
Miscellaneous		19.13
Total overhead expenses		64.43
Total dir & ovhd expenses		1,142.93
Net return		231.61
Labor & management charge		8.72
Net return over lbr & mgt		222.89
Cost of Production/Cwt. Carcass Sold		
Total direct expense per unit		65.37
Total dir & ovhd expense per unit		69.27
With other revenue adjustments		66.72
With labor and management		67.25
Est. labor hours per unit		5.45
Other Information		
Average number of sows		197.5
Litters farrowed		421
Litters per sow		2.13
Litters per crate		15.72
Pigs born per litter		10.07
Pigs weaned per litter		9.36
Pigs weaned per sow		20.15
Pigs sold per litter		8.77
Percent substandard hogs		1
Lb. of feed / lb. of gain		3.54
Feed cost / cwt. of gain		36.46
Feed cost per litter		770.73
Avg wgt/Raised Hogs sold		248
Avg price / cwt.		56.71
Average carcass weight		189
Average price / cwt. carcass		74.53

