

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
2011 Missouri FBMA Farm Summary
(Farms Sorted By Years)

Beef Cow-Calf -- Average Per Cwt. Produced

	2011	
Number of farms	39	
	Quantity	Value
Beef Calves sold (lb)	86.12	110.97
Transferred out (lb)	3.47	4.31
Cull sales (lb)	31.53	25.27
Other income		1.85
Purchased (lb)	-9.26	-12.79
Transferred in (lb)	-0.67	-1.64
Inventory change (lb)	-12.80	3.47
Gross margin		131.44
Direct Expenses		
Protein Vit Minerals (lb.)	23.26	5.58
Complete Ration (lb.)	94.88	12.24
Corn (bu.)	1.34	8.33
Corn Silage (lb.)	247.88	4.19
Hay, Grass (lb.)	775.18	18.52
Pasture (aum)	1.46	16.82
Other feed stuffs (lb)	50.29	3.29
Breeding fees		0.82
Veterinary		3.06
Supplies		4.43
Fuel & oil		8.79
Repairs		6.51
Custom hire		1.27
Hired labor		7.98
Utilities		2.54
Operating interest		2.55
Total direct expenses		106.92
Return over direct expense		24.52
Overhead Expenses		
Hired labor		0.91
RE & pers. property taxes		1.95
Farm insurance		2.50
Interest		5.95
Mach & bldg depreciation		8.95
Miscellaneous		4.49
Total overhead expenses		24.75
Total dir & ovhd expenses		131.67
Net return		-0.24
Labor & management charge		22.31
Net return over lbr & mgt		-22.55
Cost of Production Per Cwt. Produced		
Total direct expense per unit		106.92
Total dir & ovhd expense per unit		131.67
With other revenue adjustments		117.02
With labor and management		139.33
Est. labor hours per unit		2.02
Other Information		
Number of cows		68.2
Pregnancy percentage		94.5
Pregnancy loss percentage		4.2
Culling percentage		15.0
Calving percentage		90.5
Weaning percentage		83.7
Calves sold per cow		0.85
Calf death loss percent		4.5
Cow death loss percent		1.7
Cows per FTE		247.2
Average weaning weight		513
Lb. weaned/exposed female		430
Feed cost per cow		386.30
Avg wgt/ Beef Calves sold		598
Avg price / cwt.		128.85

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2011 Missouri FBMA Farm Summary
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Beef Cow-Calf -- Average Per Cow

	2011	
Number of farms	39	
	Quantity	Value
Beef Calves sold (lb)	482.3	621.48
Transferred out (lb)	19.4	24.16
Cull sales (lb)	176.6	141.53
Other income		10.34
Purchased (lb)	-51.9	-71.63
Transferred in (lb)	-3.7	-9.20
Inventory change (lb)	-71.7	19.44
Gross margin		736.12
Direct Expenses		
Protein Vit Minerals (lb.)	130.3	31.28
Complete Ration (lb.)	531.4	68.58
Corn (bu.)	7.5	46.68
Corn Silage (lb.)	1,388.3	23.44
Hay, Grass (lb.)	4,341.4	103.71
Pasture (aum)	8.2	94.22
Other feed stuffs (lb)	281.7	18.40
Breeding fees		4.61
Veterinary		17.11
Supplies		24.84
Fuel & oil		49.24
Repairs		36.44
Custom hire		7.09
Hired labor		44.70
Utilities		14.21
Operating interest		14.26
Total direct expenses		598.80
Return over direct expense		137.31
Overhead Expenses		
Hired labor		5.12
RE & pers. property taxes		10.92
Farm insurance		14.02
Interest		33.30
Mach & bldg depreciation		50.13
Miscellaneous		25.15
Total overhead expenses		138.64
Total dir & ovhd expenses		737.44
Net return		-1.32
Labor & management charge		124.94
Net return over lbr & mgt		-126.27
Cost of Production Per Cwt. Produced		
Total direct expense per unit		106.92
Total dir & ovhd expense per unit		131.67
With other revenue adjustments		117.02
With labor and management		139.33
Est. labor hours per unit		11.33
Other Information		
Number of cows		68.2
Pregnancy percentage		94.5
Pregnancy loss percentage		4.2
Culling percentage		15.0
Calving percentage		90.5
Weaning percentage		83.7
Calves sold per cow		0.85
Calf death loss percent		4.5
Cow death loss percent		1.7
Cows per FTE		247.2
Average weaning weight		513
Lb. weaned/exposed female		430
Feed cost per cow		386.30
Avg wgt/ Beef Calves sold		598
Avg price / cwt.		128.85

Livestock Enterprise Analysis
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Beef Backgrounding -- Average Per Cwt. Produced

	2011	
Number of farms	6	
	Quantity	Value
Backgnd Beef sold (lb)	239.72	278.87
Transferred out (lb)	3.14	3.45
Other income		1.28
Purchased (lb)	-92.59	-118.77
Transferred in (lb)	-11.06	-13.58
Inventory change (lb)	-39.21	-32.42
Gross margin		118.83
Direct Expenses		
Corn Gluten (lb.)	164.58	6.45
Protein Vit Minerals (lb.)	43.82	5.28
Creep / Starter (lb.)	3.57	1.37
Complete Ration (lb.)	298.58	37.32
Corn Silage (lb.)	264.95	6.09
Hay, Grass (lb.)	168.73	3.87
Pasture (aum)	0.27	3.24
Rye Silage (lb.)	230.10	2.28
Other feed stuffs (lb)	6.18	1.00
Veterinary		6.65
Supplies		1.86
Fuel & oil		4.04
Repairs		2.11
Custom hire		0.64
Operating interest		3.33
Total direct expenses		85.54
Return over direct expense		33.29
Overhead Expenses		
Interest		0.85
Mach & bldg depreciation		1.19
Miscellaneous		1.99
Total overhead expenses		4.02
Total dir & ovhd expenses		89.56
Net return		29.26
Labor & management charge		11.89
Net return over lbr & mgt		17.37
Cost of Production Per Cwt. Produced		
Total direct expense per unit		103.07
Total dir & ovhd expense per unit		104.73
With other revenue adjustments		104.20
With labor and management		109.10
Est. labor hours per unit		0.68
Other Information		
No. purchased or trans in		158
Number sold or trans out		204
Percentage death loss		1.4
Avg. daily gain (lb.)		1.51
Lb. of conc / lb. of gain		5.20
Lb. of feed / lb. of gain		8.92
Feed cost per cwt. of gain		66.90
Feed cost per head		220.19
Average purchase weight		428
Avg wgt / Backgnd Beef sold		781
Avg purch price / cwt.		128.28
Avg sales price / cwt.		116.33

Livestock Enterprise Analysis
2011 Missouri FBMA Farm Summary
(Farms Sorted By Years)

Beef Backgrounding -- Average Per Head

	2011	
Number of farms	6	
	Quantity	Value
Backgnd Beef sold (lb)	789.0	917.83
Transferred out (lb)	10.3	11.37
Other income		4.21
Purchased (lb)	-304.7	-390.91
Transferred in (lb)	-36.4	-44.70
Inventory change (lb)	-129.0	-106.71
Gross margin		391.09
Direct Expenses		
Corn Gluten (lb.)	541.7	21.23
Protein Vit Minerals (lb.)	144.2	17.37
Creep / Starter (lb.)	11.7	4.52
Complete Ration (lb.)	982.7	122.84
Corn Silage (lb.)	872.0	20.06
Hay, Grass (lb.)	555.3	12.72
Pasture (aum)	0.9	10.67
Rye Silage (lb.)	757.3	7.49
Other feed stuffs (lb)	20.3	3.29
Veterinary		21.90
Supplies		6.12
Fuel & oil		13.31
Repairs		6.96
Custom hire		2.10
Operating interest		10.97
Total direct expenses		281.54
Return over direct expense		109.55
Overhead Expenses		
Interest		2.79
Mach & bldg depreciation		3.90
Miscellaneous		6.54
Total overhead expenses		13.24
Total dir & ovhd expenses		294.78
Net return		96.31
Labor & management charge		39.13
Net return over lbr & mgt		57.18
Cost of Production Per Cwt. Produced		
Total direct expense per unit		103.07
Total dir & ovhd expense per unit		104.73
With other revenue adjustments		104.20
With labor and management		109.10
Est. labor hours per unit		2.23
Other Information		
No. purchased or trans in		158
Number sold or trans out		204
Percentage death loss		1.4
Avg. daily gain (lb.)		1.51
Lb. of conc / lb. of gain		5.20
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Feed cost per cwt. of gain		66.90
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Avg purch price / cwt.		128.28
Avg sales price / cwt.		116.33

