

Ag Report

In cooperation with

Mississippi Department of
Agriculture and Commerce

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Highlights

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Cattle Death Loss, by Cause	2
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In addition to information on cash rents and farm production expenditures, this issue of the Ag Report provides detail statistics of cattle death loss by cause. In setting the predator and non-predator loss estimates, first total predator and non-predator losses were estimated as a percent of total losses, then specific predator and non-predator losses were estimated as a percent of total predator and non-predator losses.

There is also a table containing information on non-lethal methods used to prevent losses of cattle and calves to predators. Data presented in this report on cattle death loss by cause and prevention is released as a cooperative effort between the National Agricultural Statistics Service and Animal and Plant Health Inspection Service - Wildlife Services and Veterinary Services. A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all cattle producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations.

Cropland Rented, Average Cash Rent per Acre, by Selected States, 2002-2006

State	2002	2003	2004	2005	2006
	Dollars				
Arkansas	69.00	71.00	75.00	76.00	76.00
Irrigated	80.00	78.00	86.00	86.00	86.00
Non-Irrigated	53.00	55.00	59.00	58.00	56.00
Georgia	32.00	56.00	58.00	58.00	60.00
Irrigated	103.00	105.00	110.00	115.00	117.00
Non-Irrigated	39.00	40.00	42.00	41.00	43.00
Louisiana	62.00	62.00	66.00	66.00	72.00
Irrigated	73.00	68.00	76.00	70.00	81.00
Non-Irrigated	57.00	59.00	62.00	62.00	66.00
Mississippi	62.00	63.00	66.00	69.00	68.00
Irrigated	79.00	78.00	85.00	93.00 *	87.00
Non-Irrigated	54.00	56.00	58.00	60.00	62.00
Texas	27.00	27.30	29.80	29.70	28.00
Irrigated	53.00	55.00	56.00	57.50	47.50
Non-Irrigated	21.00	21.00	23.70	23.00	23.00

* Revised.

Losses of Cattle and Calves from Predators and Non-Predator Causes, Number, Value per Head and Total Value, by Selected States and United States, 2005 ¹

State	All Causes		Predators		Non-Predators	
	Cattle	Calves	Cattle	Calves	Cattle	Calves
	Head					
Alabama	21,000	28,000	1,500	5,500	19,500	22,500
Arkansas	30,000	43,000	1,800	4,500	28,200	38,500
Florida	25,000	35,000	1,700	6,100	23,300	28,900
Georgia	21,000	31,000	1,700	5,900	19,300	25,100
Kentucky	35,000	76,000	1,400	5,800	33,600	70,200
Louisiana	26,000	20,000	900	3,700	25,100	16,300
Mississippi	22,000	29,000	1,200	2,600	20,800	26,400
Missouri	70,000	120,000	1,400	4,000	68,600	116,000
North Carolina	15,000	22,000	500	1,800	14,500	20,200
Oklahoma	100,000	135,000	2,000	9,600	98,000	125,400
South Carolina	6,000	10,000	200	1,400	5,800	8,600
Tennessee	38,000	63,000	1,200	5,400	36,800	57,600
Texas	300,000	270,000	4,100	35,000	295,900	235,000
Virginia	27,000	56,000	1,400	3,800	25,600	52,200
West Virginia	7,000	11,000	100	1,500	6,900	9,500
United States	1,717,000	2,334,000	34,000	156,000	1,683,000	2,178,000
State	Value Per Head		Total Value Predator Losses		Total Value Non- Predator Losses	
	Cattle ²	Calves ³	Cattle	Calves	Cattle	Calves
	Dollars			1,000 Dollars		
Alabama	864	381	1,296	2,096	16,848	8,573
Arkansas	905	387	1,629	1,742	25,521	14,900
Florida	836	390	1,421	2,379	19,479	11,271
Georgia	791	375	1,345	2,213	15,266	9,413
Kentucky	917	369	1,284	2,140	30,811	25,904
Louisiana	869	369	782	1,365	21,812	6,015
Mississippi	864	369	1,037	959	17,971	9,742
Missouri	991	399	1,387	1,596	67,983	46,284
North Carolina	864	357	432	643	12,528	7,211
Oklahoma	918	396	1,836	3,802	89,964	49,658
South Carolina	864	369	173	517	5,011	3,173
Tennessee	891	366	1,069	1,976	32,789	21,082
Texas	913	408	3,743	14,280	270,157	95,880
Virginia	854	366	1,196	1,391	21,862	19,105
West Virginia	996	336	100	504	6,872	3,192
United States ⁴	970	396	31,587	61,087	1,634,747	863,828

¹ Missing data are less than 100 head for the State or not published to avoid disclosure of individual operations. This data is included in the unpublished States and in the United States.

² Cattle value per head is based on a two-year straight average of the value of beef cows reported in the January 1 Cattle survey from 2005 and 2006.

³ Calf value per head is based on the market year average calf price. An average weight of 300 pounds was used in all States.

⁴ U S value per head rounded to the nearest dollar. U S value per head derived. Total may not add due to rounding.

Losses of Cattle and Calves, Number and Percent by Coyotes, Dogs, Other Predators and Unknown Predators, by Selected States and United States, 2005 ¹

State	Coyotes				Dogs			
	Cattle	% Total Predator	Calves	% Total Predator	Cattle	% Total Predator	Calves	% Total Predator
	Head	Percent	Head	Percent	Head	Percent	Head	Percent
Alabama	500	33.3	3,200	58.2	300	20.0	1,000	18.2
Arkansas	400	22.2	1,800	40.0	100	5.6	600	13.3
Florida	700	41.2	3,600	59.0			500	8.2
Georgia	1,200	70.6	3,400	57.6	100	5.9	700	11.9
Kentucky	400	28.6	3,700	63.8	300	21.4	400	6.9
Louisiana			2,400	64.9	600	66.7	400	10.8
Mississippi			600	23.1	100	8.3	700	26.9
Missouri			1,100	27.5	600	42.9	1,500	37.5
North Carolina	400	80.0	900	50.0			600	33.3
Oklahoma	800	40.0	4,300	44.8	200	10.0	2,300	24.0
South Carolina	200	100.0	800	57.1			100	7.1
Tennessee	600	50.0	3,500	64.8			1,100	20.4
Texas	1,700	41.5	21,000	60.0	600	14.6	2,900	8.3
Virginia	600	42.9	1,700	44.7	200	14.3	1,000	26.3
West Virginia			1,300	86.7				
United States	11,000	32.4	86,000	55.1	4,400	12.9	17,500	11.2

State	Other Predators				Unknown Predators			
	Cattle	% Total Predator	Calves	% Total Predator	Cattle	% Total Predator	Calves	% Total Predator
	Head	Percent	Head	Percent	Head	Percent	Head	Percent
Alabama	100	6.7	400	7.3	600	40.0	900	16.4
Arkansas	100	5.6	300	6.7	1,100	61.1	1,500	33.3
Florida	700	41.2	1,100	18.0	200	11.8	900	14.8
Georgia	100	5.9	400	6.8	300	17.6	1,400	23.7
Kentucky			100	2.6	500	35.7	1,500	25.9
Louisiana			300	8.1	100	11.1	600	16.2
Mississippi			200	7.7	1,000	83.3	1,100	42.3
Missouri	700	50.0	1,200	30.0			200	5.0
North Carolina			200	11.1	100	20.0	100	5.6
Oklahoma	500	25.0	2,200	22.9	500	25.0	800	8.3
South Carolina							400	28.6
Tennessee			300	5.6	400	33.3	500	9.3
Texas	700	17.1	6,900	19.7	900	22.0	3,200	9.1
Virginia	400	28.6	600	15.8	200	14.3	500	13.2
West Virginia			200	13.3				
United States	5,600	16.5	19,500	12.5	9,800	28.8	21,500	13.8

¹ Missing data are less than 100 head for the State or not published to avoid disclosure of operations. Data not published are included in U S total.

Losses of Cattle and Calves, Number and Percent from Digestive, Respiratory and Metabolic Problems and Mastitis, by Selected States and United States, 2005 ¹

State	Digestive Problems				Respiratory Problems			
	Cattle	% Total Non-Pred	Calves	% Total Non-Pred	Cattle	% Total Non-Pred	Calves	% Total Non-Pred
	Head	Percent	Head	Percent	Head	Percent	Head	Percent
Alabama	1,700	8.7	1,300	5.8	1,600	8.2	4,600	20.4
Arkansas	1,700	6.0	3,800	9.9	4,500	16.0	11,300	29.4
Florida	1,900	8.2	5,100	17.6	2,100	9.0	6,100	21.1
Georgia	1,200	6.2	4,200	16.7	2,600	13.5	6,200	24.7
Kentucky	1,600	4.8	13,300	18.9	5,800	17.3	18,800	26.8
Louisiana	800	3.2	900	5.5	1,600	6.4	3,900	23.9
Mississippi	800	3.8	1,100	4.2	2,300	11.1	5,900	22.3
Missouri	3,000	4.4	18,200	15.7	8,600	12.5	34,000	29.3
North Carolina	1,600	11.0	3,400	16.8	3,500	24.1	3,300	16.3
Oklahoma	5,600	5.7	9,500	7.6	39,500	40.3	50,000	39.9
South Carolina	400	6.9	1,000	11.6	300	5.2	1,300	15.1
Tennessee	4,600	12.5	10,100	17.5	5,000	13.6	14,900	25.9
Texas	31,500	10.6	26,000	11.1	54,500	18.4	88,000	37.4
Virginia	1,500	5.9	5,300	10.2	3,200	12.5	8,700	16.7
West Virginia	800	11.6	1,000	10.5	600	8.7	1,500	15.8
United States	186,000	11.1	462,000	21.2	418,000	24.8	692,000	31.8

State	Metabolic Problems				Mastitis	
	Cattle	% Total Non- Pred	Calves	% Total Non-Pred	Cattle	% Total Non-Pred
	Head	Percent	Head	Percent	Head	Percent
Alabama	300	1.5	600	2.7	200	1.0
Arkansas	1,300	4.6	600	1.6	200	0.7
Georgia	900	4.7	400	1.6	800	4.1
Florida	800	3.4	500	1.7	800	3.4
Kentucky	1,000	3.0	1,000	1.4	500	1.5
Louisiana	200	0.8			300	1.2
Mississippi					600	2.9
Missouri	1,200	1.7	700	0.6	800	1.2
North Carolina	300	2.1			300	2.1
Oklahoma	900	0.9	600	0.5	400	0.4
South Carolina						
Tennessee	1,700	4.6	600	1.0	900	2.4
Texas	2,700	0.9	3,100	1.3	3,500	1.2
Virginia	700	2.7	100	0.2	800	3.1
West Virginia	400	5.8				
United States	60,000	3.6	18,000	0.8	67,000	4.0

¹ Missing data are less than 100 head for the State or not published to avoid disclosure of individual operations. Data not published are included in U S total.

Losses of Cattle and Calves, Number and Percent from Weather Related and Calving Problems, by Selected States and United States, 2005 ¹

State	Weather Related				Calving Problems			
	Cattle	% Total Predator	Calves	% Total Predator	Cattle	% Total Predator	Calves	% Total Predator
	Head	Percent	Head	Percent	Head	Percent	Head	Percent
Alabama	2,100	10.8	1,100	4.9	4,000	20.5	5,900	26.2
Arkansas	1,200	4.3	2,400	6.2	5,700	20.2	9,900	25.7
Florida	2,700	11.6	3,100	10.7	3,200	13.7	3,300	11.4
Georgia	1,500	7.8	1,800	7.2	4,100	21.2	7,400	29.5
Kentucky	2,500	7.4	4,800	6.8	5,400	16.1	12,500	17.8
Louisiana	12,700	50.6	6,600	40.5	2,600	10.4	2,100	12.9
Mississippi	2,100	10.1	4,100	15.5	4,200	20.2	8,400	31.8
Missouri	5,700	8.3	13,300	11.5	13,000	19.0	25,100	21.6
North Carolina	700	4.8	200	1.0	2,000	13.8	5,300	26.2
Oklahoma	4,400	4.5	3,700	3.0	9,800	10.0	34,000	27.1
South Carolina	300	5.2	600	7.0	1,300	22.4	3,400	39.5
Tennessee	1,700	4.6	3,400	5.9	7,700	20.9	12,800	22.2
Texas	23,600	8.0	10,500	4.5	44,400	15.0	44,000	18.7
United States	110,000	6.5	165,000	7.6	187,000	11.1	385,000	17.7

¹ Missing data are less than 100 head for the State or not published to avoid disclosure of individual operations. Data not published are included in U S total.

Losses of Cattle and Calves, Number and Percent from Poisoning and Theft, by Selected States and United States, 2005 ¹

State	Poisoning				Theft			
	Cattle	% Total Non-Predator	Calves	% Total Non-Predator	Cattle	% Total Non-Predator	Calves	% Total Non-Predator
	Head	Percent	Head	Percent	Head	Percent	Head	Percent
Alabama	400	2.1					200	0.9
Arkansas	500	1.8	700	1.8	400	1.4	500	1.3
Florida	1,300	5.6			100	0.4		
Georgia	400	2.1	100	0.4				
Kentucky	600	1.8	300	0.4	100	0.3		
Louisiana								
Mississippi	200	1.0	200	0.8				
Missouri	1,900	2.8	2,000	1.7	700	1.0	200	0.2
North Carolina								
Oklahoma	200	0.2	1,100	0.9	900	0.9	1,100	0.9
South Carolina					300	5.2		
Tennessee	400	1.1	800	1.4			600	1.0
Texas	4,500	1.5	1,500	0.6	3,300	1.1	1,800	0.8
United States	23,000	1.4	16,000	0.7	10,000	0.6	11,000	0.5

¹ Missing data are less than 100 head for the State or not published to avoid disclosure of individual operations. Data not published are included in U S total.

**Non-Lethal Methods Used to Prevent Losses of Cattle and Calves to Predators,
by Selected States and United States, 2005 ¹**

State	Guard Animals	Exclusion Fencing	Herding	Night Penning	Frequent Checks
Percent					
Alabama	48.8	55.5	4.4	0.2	9.6
Arkansas	37.7	37.8	2.2		24.0
Florida	51.1	23.1	5.2	0.1	26.0
Georgia	42.3	57.7	2.1	3.6	12.0
Kentucky	33.1	49.1	2.8	3.9	7.8
Louisiana	25.2	52.3	10.8	1.8	13.5
Mississippi	30.0	25.0		0.5	3.1
Missouri	57.4	21.9	5.4	1.1	15.5
North Carolina	22.3	46.7	8.7	8.1	36.3
Oklahoma	49.2	32.9	6.8	0.2	23.3
South Carolina	70.0	24.2	0.4		8.1
Tennessee	32.9	19.2	6.5	3.6	28.8
Texas	62.9	17.3	0.9	10.2	15.2
Virginia	29.6	48.9	0.1	1.1	18.7
West Virginia	38.0	30.4	1.9	3.5	52.5
United States	38.0	34.0	3.8	9.7	21.8
State	Fright Tactics	Livestock Carcass Removal	Culling	Other Non-lethal	
Percent					
Alabama	2.6	11.5	8.2	2.0	
Arkansas	13.4	13.5	14.6	5.7	
Florida	0.5	20.4	29.3	0.1	
Georgia	0.4	6.6	10.4	5.4	
Kentucky		1.1	4.3	12.5	
Louisiana	2.2	14.5	3.4	13.8	
Mississippi	3.1	13.1	25.6	4.3	
Missouri	1.5	11.0	12.5	4.6	
North Carolina	3.1	27.4	39.7	1.0	
Oklahoma	2.5	29.4	5.9	11.2	
South Carolina	0.7	5.5	5.2		
Tennessee	0.8	32.3	30.1	5.9	
Texas	0.1	5.2	15.3	8.4	
Virginia		28.2	42.1	13.9	
West Virginia		4.7	19.9	6.5	
United States	3.0	16.5	19.6	6.2	

¹ Missing data are less than 100 head for the State or not published to avoid disclosure of individual operations. Data not published are included in U S total.

**Farm Production Expenditures: Major Input Items, Farms Reporting,
Average per Farm and Total, South Region and United States, 2004-2005**

Expenditure (Farm Share)	Farms Reporting		Average Per Farm		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	Percent		Dollars		Million Dollars	
South Region ¹						
Total Farm Production Expenditures	100.0	100.0	85,431	93,062	23,690	25,620
Livestock, Poultry & Related Expenses	25.2	26.2	5,734	7,991	1,590	2,200
Feed	71.4	68.1	15,435	16,564	4,280	4,560
Farm Services	95.9	95.1	11,792	13,077	3,270	3,600
Rent	22.2	23.6	4,111	4,105	1,140	1,130
Agricultural Chemicals	47.6	45.3	4,977	4,867	1,380	1,340
Fertilizer, Lime & Soil Conditioners	65.0	61.2	4,832	5,267	1,340	1,450
Interest	30.1	34.3	2,813	3,451	780	950
Taxes (Real Estate & Property)	98.2	98.4	1,875	2,216	520	610
Labor	32.2	33.8	10,278	9,989	2,850	2,750
Fuels	87.3	89.8	3,534	4,541	980	1,250
Farm Supplies & Repairs	85.2	86.2	3,967	4,904	1,100	1,350
Farm Improvements & Construction	55.0	54.4	4,111	4,541	1,140	1,250
Tractors & Self-Propelled Farm Machinery	21.4	21.7	4,111	3,487	1,140	960
Other Farm Machinery	23.4	23.6	1,551	1,126	430	310
Seeds & Plants	37.9	35.0	4,003	4,649	1,110	1,280
Trucks & Autos	19.7	21.9	2,056	1,998	570	550
United States						
Total Farm Production Expenditures	100.0	100.0	100,498	106,499	211,800	223,100
Livestock, Poultry & Related Expenses	26.5	26.6	9,110	10,216	19,200	21,400
Feed	62.2	60.9	14,093	13,462	29,700	28,200
Farm Services	95.6	94.7	12,716	14,034	26,800	29,400
Rent	31.5	31.9	7,877	8,163	16,600	17,100
Agricultural Chemicals	48.8	48.0	4,081	4,249	8,600	8,900
Fertilizer, Lime & Soil Conditioners	57.8	53.5	5,409	6,110	11,400	12,800
Interest	39.7	40.8	4,223	4,630	8,900	9,700
Taxes (Real Estate & Property)	98.8	99.7	3,321	3,819	7,000	8,000
Labor	34.6	34.8	11,056	11,361	23,300	23,800
Fuels	85.6	83.3	3,796	4,821	8,000	10,100
Farm Supplies & Repairs	84.8	83.7	5,504	5,967	11,600	12,500
Farm Improvements & Construction	59.5	57.3	5,979	6,110	12,600	12,800
Tractors & Self-Propelled Farm Machinery	23.3	24.9	4,128	4,058	8,700	8,500
Other Farm Machinery	28.2	29.2	2,040	1,957	4,300	4,100
Seeds & Plants	45.7	42.5	4,555	4,965	9,600	10,400
Trucks & Autos	24.2	25.2	2,278	2,244	4,800	4,700

¹ Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, and South Carolina.

Pasture Rented for Cash, Average Cash Rent per Acre,
by Selected States and United States, 2002-2006

State	2002	2003	2004	2005	2006
	Dollars	Dollars	Dollars	Dollars	Dollars
Alabama	18.00	18.00	18.00	17.50	18.50
Florida	16.00	17.00	17.50	18.50	22.00
Georgia	23.00	23.00	24.00	22.00	25.00
Louisiana	16.00	15.00	15.50	16.50	19.00
Mississippi	17.00	16.00	16.50	16.50	16.00
Missouri	23.00	23.50	26.00	27.00	26.00
North Carolina	21.50	22.00	23.00	25.00	25.00
Oklahoma	8.50	8.50	9.00	9.00	8.50
Tennessee	17.00	17.50	19.00	18.00	20.00
Virginia	16.00	16.50	17.50	20.00	20.00
United States	9.20	9.00	9.60	10.30	10.80