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Animal and
Plant Health
Inspection
Service

in cooperation with the

National
Agricultural
Statistics
Service

Cattle and Calves Death Loss 1995

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Abstract

Survey data were collected in January 1996 to pick up data on death losses of cattle and calves from all causes. This report provides a detailed breakdown of the death losses by class and size group.

This report was a cooperative effort between two USDA agencies: the National Agricultural Statistics Service (NASS) and the Animal and Plant Health Inspection Service (APHIS). Each January, NASS collects cattle data for inventory, calf crop and total death losses for their state and national estimating programs. For the January 1996 survey, APHIS provided funding for a detailed, retrospective breakdown of total losses for producer-attributed cause of loss. Death losses by cause of all cattle and calves were estimated and subsequently published by the NASS on May 17, 1996.

This report further breaks down the initial published cause of loss totals by state into losses by class or production unit, such as beef or dairy. In addition, these state-level estimates are collapsed to regional totals which are further subdivided by herd size. No additional data collection was done, rather data were summarized to relate reported inventory to reported death losses.

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1995 Cattle and Calves Death Losses Total 4.38 Million Head

A total of 4.38 million head of cattle and calves were lost from all causes during 1995 in the United States. Predators accounted for 117,400, or 2.7 percent of total cattle and calf losses. This total represented 1.3 percent of total cattle losses and 3.5 percent of total calf losses.

This report primarily provides nonpredator losses by class (beef, dairy, etc.) and regional size group breakdowns of these losses. In addition, some comparisons are provided with the 1991 cattle and calf losses. The largest producer-attributed nonpredator cause of loss for all cattle and calves was respiratory problems at 28.2 percent, followed by digestive problems at 20.2 percent, unknown causes at 15.6 percent, calving problems at 15.2 percent, weather-related at 9.8 percent with the remaining 11 percent due to poison, theft, and other causes. These results are similar to those found in 1991, except for more weather-related losses and fewer losses due to poison and theft in 1995. Increased losses due to weather was shown by both beef and dairy producers, especially in calf losses, and as expected, with increased losses of value.

Losses during 1995 relative to the end of year cow inventory (January 1, 1996) show ratios twice as high for dairy animals compared to beef.

This report is released as a cooperative effort between the National Agricultural Statistics Service and the National Animal Health Monitoring System of the Animal and Plant Health Inspection Service. Both agencies are part of the U.S. Department of Agriculture. This is the second release of 1995 death loss data and includes a further breakdown of data from the first release by class and size group.

Section I: Predator and Nonpredator Losses

A. ALL CATTLE and CALVES, 1991 and 1995

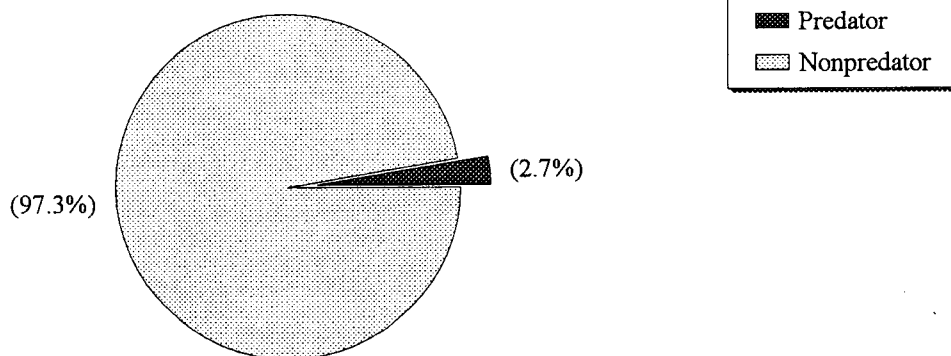
1. Predator and Nonpredator Related Losses (Number Head), United States

	1991			1995		
	Head Lost	Percent Total	Percent of All	Head Lost	Percent Total	Percent of All
Cattle & Calves						
Predator	106,400	2.4	100.0	117,400	2.7	100.0
Nonpredator	4,264,000	97.6	100.0	4,263,000	97.3	100.0
Total losses	4,370,400	100.0	100.0	4,380,400	100.0	100.0

Cattle						
Predator	15,900	1.0	14.9	21,200	1.3	18.1
Nonpredator	1,568,200	99.0	36.8	1,613,900	98.7	37.9
Total losses	1,584,100	100.0	36.2	1,635,100	100.0	37.3

Calves						
Predator	90,500	3.2	85.1	96,200	3.5	81.9
Nonpredator	2,695,800	96.8	63.2	2,649,100	96.5	62.1
Total losses	2,786,300	100.0	63.8	2,745,300	100.0	62.7

Percent of Cattle and Calf Losses from Predator and Nonpredator Causes, 1995



2. Predator and Nonpredator Related Losses (Value of Losses), United States

	1991			1995		
	Value (x 1,000 Dollars)	Percent Value	Percent of All	Value (x 1,000 Dollars)	Percent Value	Percent of All
Cattle & Calves						
Predator	41,540	2.0	100.0	39,562	2.2	100.0
Nonpredator	2,065,475	98.0	100.0	1,761,839	97.8	100.0
Total losses	2,107,015	100.0	100.0	1,801,402	100.0	100.0

Cattle						
Predator	10,950	1.0	26.4	13,053	1.3	33.0
Nonpredator	1,120,015	99.0	54.2	1,012,367	98.7	57.5
Total losses	1,130,965	100.0	53.7	1,025,420	100.0	56.9

Calves						
Predator	30,590	3.1	73.6	26,510	3.4	67.0
Nonpredator	945,460	96.9	45.8	749,472	96.6	42.5
Total losses	976,050	100.0	46.3	775,982	100.0	43.1

Section I: Predator and Nonpredator Losses

B. ALL CATTLE: Predator and Nonpredator Related Losses (Number Head) by State, Region, and United States, 1995*

State	Total Number Cattle Lost	Predators		Nonpredators	
		Number Cattle Lost	Percent Total Lost	Number Cattle Lost	Percent Total Lost
Alabama	27,000	400	1.5	26,600	98.5
Arizona	30,000	900	3.0	29,100	97.0
Arkansas	30,000	400	1.3	29,600	98.7
California	90,000	1,500	1.7	88,500	98.3
Colorado	45,000	400	0.9	44,600	99.1
Connecticut	1,000	.	.	1,000	100.0
Delaware	1,000	.	.	1,000	100.0
Florida	30,000	600	2.0	29,400	98.0
Georgia	25,000	300	1.2	24,700	98.8
Hawaii	4,000	100	2.5	3,900	97.5
Idaho	26,000	300	1.2	25,700	98.8
Illinois	25,000	100	0.4	24,900	99.6
Indiana	15,000	200	1.3	14,800	98.7
Iowa	58,000	400	0.7	57,600	99.3
Kansas	92,000	500	0.5	91,500	99.5
Kentucky	45,000	500	1.1	44,500	98.9
Louisiana	15,000	200	1.3	14,800	98.7
Maine	2,000	.	.	2,000	100.0
Maryland	5,000	75	1.5	4,925	98.5
Massachusetts	1,000	75	7.5	925	92.5
Michigan	25,000	200	0.8	24,800	99.2
Minnesota	60,000	600	1.0	59,400	99.0
Mississippi	35,000	600	1.7	34,400	98.3
Missouri	65,000	700	1.1	64,300	98.9
Montana	23,000	500	2.2	22,500	97.8
Nebraska	80,000	500	0.6	79,500	99.4
Nevada	6,000	200	3.3	5,800	96.7
New Hampshire	1,000	.	.	1,000	100.0
New Jersey	1,000	.	.	1,000	100.0
New Mexico	22,000	600	2.7	21,400	97.3
New York	30,000	200	0.7	29,800	99.3
North Carolina	19,000	400	2.1	18,600	97.9
North Dakota	19,000	200	1.1	18,800	98.9
Ohio	24,000	200	0.8	23,800	99.2
Oklahoma	95,000	2,100	2.2	92,900	97.8
Oregon	28,000	300	1.1	27,700	98.9
Pennsylvania	29,000	200	0.7	28,800	99.3
Rhode Island	100	.	.	100	100.0
South Carolina	10,000	100	1.0	9,900	99.0
South Dakota	60,000	400	0.7	59,600	99.3
Tennessee	40,000	500	1.3	39,500	98.8
Texas	240,000	4,000	1.7	236,000	98.3
Utah	14,000	200	1.4	13,800	98.6
Vermont	5,000	75	1.5	4,925	98.5
Virginia	24,000	400	1.7	23,600	98.3
Washington	22,000	200	0.9	21,800	99.1
West Virginia	6,000	75	1.3	5,925	98.8
Wisconsin	70,000	600	0.9	69,400	99.1
Wyoming	15,000	200	1.3	14,800	98.7
Northcentral	277,000	2,100	0.8	274,900	99.2
Northeast	310,100	2,900	0.9	307,200	99.1
Northwest	114,000	1,500	1.3	112,500	98.7
Southcentral	522,000	7,700	1.5	514,300	98.5
Southeast	201,000	3,100	1.5	197,900	98.5
Southwest	211,000	3,900	1.8	207,100	98.2
U.S.	1,635,100	21,200	1.3	1,613,900	98.7

. = Less than 100 head for the State, but number is included in the U.S. total.

* Missing predator loss data are included with other causes to avoid disclosure of individual operations.

Section I: Predator and Nonpredator Losses

C. ALL CALVES: Predator and Nonpredator Related Losses (Number Head) by State, Region, and United States, 1995*

State	Total Number Calves Lost	Predators		Nonpredators	
		Number Calves Lost	Percent Total Lost	Number Calves Lost	Percent Total Lost
Alabama	47,000	2,700	5.7	44,300	94.3
Arizona	30,000	3,300	11.0	26,700	89.0
Arkansas	45,000	1,700	3.8	43,300	96.2
California	135,000	4,100	3.0	130,900	97.0
Colorado	60,000	3,500	5.8	56,500	94.2
Connecticut	1,000			1,000	100.0
Delaware	1,000			1,000	100.0
Florida	44,000	1,100	2.5	42,900	97.5
Georgia	34,000	1,400	4.1	32,600	95.9
Hawaii	4,000	200	5.0	3,800	95.0
Idaho	52,000	1,300	2.5	50,700	97.5
Illinois	45,000	1,700	3.8	43,300	96.2
Indiana	31,000	700	2.3	30,300	97.7
Iowa	115,000	1,000	0.9	114,000	99.1
Kansas	70,000	1,400	2.0	68,600	98.0
Kentucky	85,000	4,000	4.7	81,000	95.3
Louisiana	21,000	1,100	5.2	19,900	94.8
Maine	4,000	75	1.9	3,925	98.1
Maryland	7,000	75	1.1	6,925	98.9
Massachusetts	1,000	75	7.5	925	92.5
Michigan	60,000	200	0.3	59,800	99.7
Minnesota	115,000	1,500	1.3	113,500	98.7
Mississippi	42,000	1,800	4.3	40,200	95.7
Missouri	140,000	1,900	1.4	138,100	98.6
Montana	57,000	1,800	3.2	55,200	96.8
Nebraska	100,000	1,500	1.5	98,500	98.5
Nevada	12,000	1,300	10.8	10,700	89.2
New Hampshire	1,000			1,000	100.0
New Jersey	2,000			2,000	100.0
New Mexico	36,000	2,000	5.6	34,000	94.4
New York	65,000	400	0.6	64,600	99.4
North Carolina	30,000	800	2.7	29,200	97.3
North Dakota	58,000	1,300	2.2	56,700	97.8
Ohio	52,000	500	1.0	51,500	99.0
Oklahoma	150,000	8,500	5.7	141,500	94.3
Oregon	50,000	4,400	8.8	45,600	91.2
Pennsylvania	52,000	500	1.0	51,500	99.0
Rhode Island	300			300	100.0
South Carolina	15,000	700	4.7	14,300	95.3
South Dakota	165,000	2,400	1.5	162,600	98.5
Tennessee	80,000	3,800	4.8	76,200	95.3
Texas	270,000	25,000	9.3	245,000	90.7
Utah	26,000	1,000	3.8	25,000	96.2
Vermont	10,000	75	0.8	9,925	99.3
Virginia	65,000	1,600	2.5	63,400	97.5
Washington	29,000	1,000	3.4	28,000	96.6
West Virginia	11,000	200	1.8	10,800	98.2
Wisconsin	190,000	1,000	0.5	189,000	99.5
Wyoming	30,000	1,600	5.3	28,400	94.7
Northcentral	553,000	7,700	1.4	545,300	98.6
Northeast	683,300	11,100	1.6	672,200	98.4
Northwest	218,000	10,100	4.6	207,900	95.4
Southcentral	675,000	38,500	5.7	636,500	94.3
Southeast	313,000	13,400	4.3	299,600	95.7
Southwest	303,000	15,400	5.1	287,600	94.9
U.S.	2,745,300	96,200	3.5	2,649,100	96.5

. = Less than 100 head for the State, but number is included in the U.S. total.

* Missing predator loss data are included with other causes to avoid disclosure of individual operations.

Section II: Nonpredator Losses by Operation Class

A. ALL CATTLE and CALVES, 1991 and 1995

1. Nonpredator Losses* (Number Head) by Class, United States

Cause	All Cattle and Calves	
	1991	1995
Beef	1,727,500	2,424,900
Dairy	1,400,400	1,092,800
Mixed	231,400	125,800
Other	904,700	501,700
Unspecified*	0	117,800

Total losses	4,264,000	4,263,000
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Cause	Cattle		Calves	
	1991	1995	1991	1995
Beef	583,100	836,600	1,144,400	1,588,300
Dairy	439,200	368,100	961,200	724,700
Mixed	68,100	38,700	163,300	87,100
Other	477,800	316,700	426,900	185,000
Unspecified*	0	53,800	0	64,000

Total losses	1,568,200	1,613,900	2,695,800	2,649,100
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* Unspecified class of operation was created in 1995 since no information was available for further breakdown. These animals could belong to any of the classes. See terms and definition section describing the class of operation breakdowns.

2. Relative Losses (per 100 Cows) by Class, United States

Class	All Cattle and Calves		
	1991 Losses per 100 Cows	1995 Losses per 100 Cows	Relative Change*
Beef	5.235	6.864	1.311
Dairy	14.389	11.703	0.813

Class	Cattle			Calves		
	1991 Losses per 100 Cows	1995 Losses per 100 Cows	Relative Change*	1991 Losses per 100 Cows	1995 Losses per 100 Cows	Relative Change*
Beef	1.767	2.368	1.340	3.468	4.496	1.296
Dairy	4.510	3.912	0.867	9.879	7.791	0.780

*Relative change is the 1995 losses per 100 cows inventoried on January 1, 1996, divided by the 1991 losses per 100 cows inventoried on January 1, 1992.

Section II: Nonpredator Losses by Operation Class

B. CATTLE, 1995

1. Nonpredator Losses (Number Head) by Class, State, Region, and United States

State	Total Cattle Lost	Number Lost by Class					
		Beef Cattle	Dairy Cattle	Mixed	Other	Unspecified	
Alabama	26,600	24,600	1,700			100	200
Arizona	29,100	9,100	7,800	200	2,300		9,700
Arkansas	29,600	25,100	1,700	500	1,200		1,100
California	88,500	18,600	55,600	2,200	10,800		1,300
Colorado	44,600	21,800	3,000	500	18,300		1,000
Connecticut	1,000		900				100
Delaware	1,000	100	300				600
Florida	29,400	22,400	5,700				1,300
Georgia	24,700	18,300	4,400	300	1,200		500
Hawaii	3,900	2,700	1,100				100
Idaho	25,700	12,300	8,800	200	4,100		300
Illinois	24,900	12,000	5,200	800	5,900		1,000
Indiana	14,800	4,600	4,700	400	3,200		1,900
Iowa	57,600	24,600	9,100	1,600	21,500		800
Kansas	91,500	30,600	2,900	700	55,700		1,600
Kentucky	44,500	32,800	6,600	1,200	2,200		1,700
Louisiana	14,800	11,200	2,800	100	100		600
Maine	2,000	100	1,500				400
Maryland	4,925	1,400	3,300				225
Massachusetts	925		900				25
Michigan	24,800	3,500	15,000	1,000	5,100		200
Minnesota	59,400	11,700	30,600	4,700	12,000		400
Mississippi	34,400	30,600	2,400	200	600		600
Missouri	64,300	47,700	6,600	2,400	4,700		2,900
Montana	22,500	20,300	500	400	1,000		300
Nebraska	79,500	42,000	2,000	1,700	33,500		300
Nevada	5,800	3,300	800	100	100		1,500
New Hampshire	1,000	100	800				100
New Jersey	1,000	100	700				200
New Mexico	21,400	11,800	5,700	400	400		3,100
New York	29,800	1,400	25,000	1,100	1,800		500
North Carolina	18,600	12,800	3,900				1,900
North Dakota	18,800	13,500	1,500	1,400	1,900		500
Ohio	23,800	7,600	11,500	800	3,400		500
Oklahoma	92,900	64,000	3,800	1,800	22,900		400
Oregon	27,700	18,600	6,300	200	1,700		900
Pennsylvania	28,800	2,900	22,200	400	1,700		1,600
Rhode Island	100						100
South Carolina	9,900	7,200	1,300				1,400
South Dakota	59,600	44,200	5,200	2,000	7,700		500
Tennessee	39,500	30,400	3,900	1,400	3,400		400
Texas	236,000	139,900	13,200	4,500	78,200		200
Utah	13,800	8,300	2,900	400	1,800		400
Vermont	4,925		4,200				725
Virginia	23,600	14,200	5,800	900	1,600		1,100
Washington	21,800	5,000	10,000	100	400		6,300
West Virginia	5,925	4,700	500				725
Wisconsin	69,400	5,100	53,700	4,100	6,100		400
Wyoming	14,800	13,400	100		100		1,200
recatal							
Northcentral	274,900	136,000	48,400	11,400	76,600		2,500
Northeast	307,200	90,600	162,800	10,700	31,000		12,100
Northwest	112,500	69,600	25,700	900	7,300		9,000
Southcentral	514,300	307,300	28,200	9,900	162,700		6,200
Southeast	197,900	157,500	26,100	2,000	5,400		6,900
Southwest	207,100	75,600	76,900	3,800	33,700		17,100
U.S.	1,613,900	836,600	368,100	38,700	316,700		53,800

. = Less than 100 head for the State, but number is included in the U.S. total.

Section II: Nonpredator Losses by Operation Class

B. CATTLE, 1995 (continued)

2. Beef and Dairy Cattle: Nonpredator Losses (Number Head) by Size Group, Region, and United States

Beef Cattle

Region	Total Cattle Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	136,000	39,300	26,800	69,900
Northeast	90,600	62,700	15,700	12,200
Northwest	69,600	13,700	8,400	47,500
Southcentral	307,300	125,400	82,300	99,600
Southeast	157,500	84,800	28,200	44,500
Southwest	75,600	13,900	10,900	50,800
U.S.	836,600	339,800	172,300	324,500

Dairy Cattle

Region	Total Cattle Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	48,400	2,800	11,400	19,600	14,600
Northeast	162,800	9,800	29,300	64,300	59,400
Northwest	25,700	200	600	1,800	23,100
Southcentral	28,200	1,000	2,000	7,400	17,800
Southeast	26,100	400	1,000	3,900	20,800
Southwest	76,900	500		1,500	74,900
U.S.	368,100	14,700	44,300	98,500	210,600

. = Less than 100 head for the region, but number is included in the U.S. total.

Section II: Nonpredator Losses by Operation Class

C. CALVES, 1995

1. Nonpredator Losses (Number Head) by Class, State, Region, and United States

State	Total Calves Lost	Number Lost by Class				
		Beef Calves	Dairy Calves	Mixed	Other	Unspecified
Alabama	44,300	39,300	4,400			600
Arizona	26,700	10,500	13,800			2,400
Arkansas	43,300	37,400	2,800	1,400	900	800
California	130,900	28,500	76,600	3,600	20,300	1,900
Colorado	56,500	47,500	5,200	800	1,400	1,600
Connecticut	1,000	100	600			300
Delaware	1,000		700			300
Florida	42,900	33,400	7,200	400	100	1,800
Georgia	32,600	23,100	7,600	300	700	900
Hawaii	3,800	1,900	1,100			800
Idaho	50,700	28,300	16,900	1,100	3,600	800
Illinois	43,300	25,200	11,100	1,100	4,300	1,600
Indiana	30,300	12,000	11,200	400	4,800	1,900
Iowa	114,000	69,500	26,400	4,800	9,000	4,300
Kansas	68,600	49,700	3,300	1,400	12,300	1,900
Kentucky	81,000	60,600	12,300	3,900	3,100	1,100
Louisiana	19,900	13,900	4,700	100	500	700
Maine	3,925	400	2,500			1,025
Maryland	6,925	1,300	5,500			125
Massachusetts	925		900			25
Michigan	59,800	13,400	34,200	1,000	9,700	1,500
Minnesota	113,500	25,300	70,700	7,000	9,400	1,100
Mississippi	40,200	33,500	4,300	900	1,100	400
Missouri	138,100	109,200	17,200	5,800	4,600	1,300
Montana	55,200	52,800	800	300	400	900
Nebraska	98,500	85,700	3,300	3,800	5,500	200
Nevada	10,700	8,600	1,000			1,100
New Hampshire	1,000	100	700			200
New Jersey	2,000	400	1,100			500
New Mexico	34,000	16,900	9,200	6,300	400	1,200
New York	64,600	4,900	54,600	1,500	2,800	800
North Carolina	29,200	20,800	6,600	400	400	1,000
North Dakota	56,700	45,900	3,800	4,300	1,700	1,000
Ohio	51,500	18,000	24,100	2,300	6,500	600
Oklahoma	141,500	113,600	8,800	2,600	12,500	4,000
Oregon	45,600	32,500	5,600	400	6,400	700
Pennsylvania	51,500	7,700	36,000	1,700	3,600	2,500
Rhode Island	300		200			100
South Carolina	14,300	12,000	1,800			500
South Dakota	162,600	142,300	10,000	3,500	2,700	4,100
Tennessee	76,200	56,800	8,600	4,100	6,200	500
Texas	245,000	183,800	27,800	6,600	19,800	7,000
Utah	25,000	15,100	6,500	1,200	1,900	300
Vermont	9,925	100	9,200			625
Virginia	63,400	42,700	16,600	1,700	1,000	1,400
Washington	28,000	12,900	12,900	100	900	1,200
West Virginia	10,800	8,400	900			1,500
Wisconsin	189,000	15,500	133,300	12,100	25,900	2,200
Wyoming	28,400	26,800	100	200	600	700
Northcentral	545,300	368,700	114,200	23,400	28,300	10,700
Northeast	672,200	210,800	355,700	25,700	61,700	18,300
Northwest	207,900	153,300	36,300	2,100	11,900	4,300
Southcentral	636,500	493,700	59,900	17,800	50,100	15,000
Southeast	299,600	232,800	45,200	6,200	9,000	6,400
Southwest	287,600	129,000	113,400	11,900	24,000	9,300
U.S.	2,649,100	1,588,300	724,700	87,100	185,000	64,000

. = Less than 100 head for the State, but number is included in the U.S. total.

Section II: Nonpredator Losses by Operation Class

C. CALVES (continued)

2. Beef and Dairy Calves: Nonpredator Losses (Number Head) by Size Group, Region, and United States

Beef Calves

Region	Total Calves Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	368,700	82,400	75,900	210,400
Northeast	210,800	143,500	38,700	28,600
Northwest	153,300	27,200	18,600	107,500
Southcentral	493,700	213,500	124,800	155,400
Southeast	232,800	132,400	42,100	58,300
Southwest	129,000	26,900	16,700	85,400
U.S.	1,588,300	625,900	316,800	645,600

Dairy Calves

Region	Total Calves Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	114,200	9,500	28,700	47,500	28,500
Northeast	355,700	29,200	66,200	143,200	117,100
Northwest	36,300	400	900	3,800	31,200
Southcentral	59,900	5,100	5,400	15,400	34,000
Southeast	45,200	600	1,400	8,700	34,500
Southwest	113,400	1,100	100	2,300	109,900
U.S.	724,700	45,900	102,700	220,900	355,200

Section III: Causes of Nonpredator Losses, United States, 1991 and 1995

A. ALL CATTLE and CALVES

1. Nonpredator Losses (Number Head) by Cause

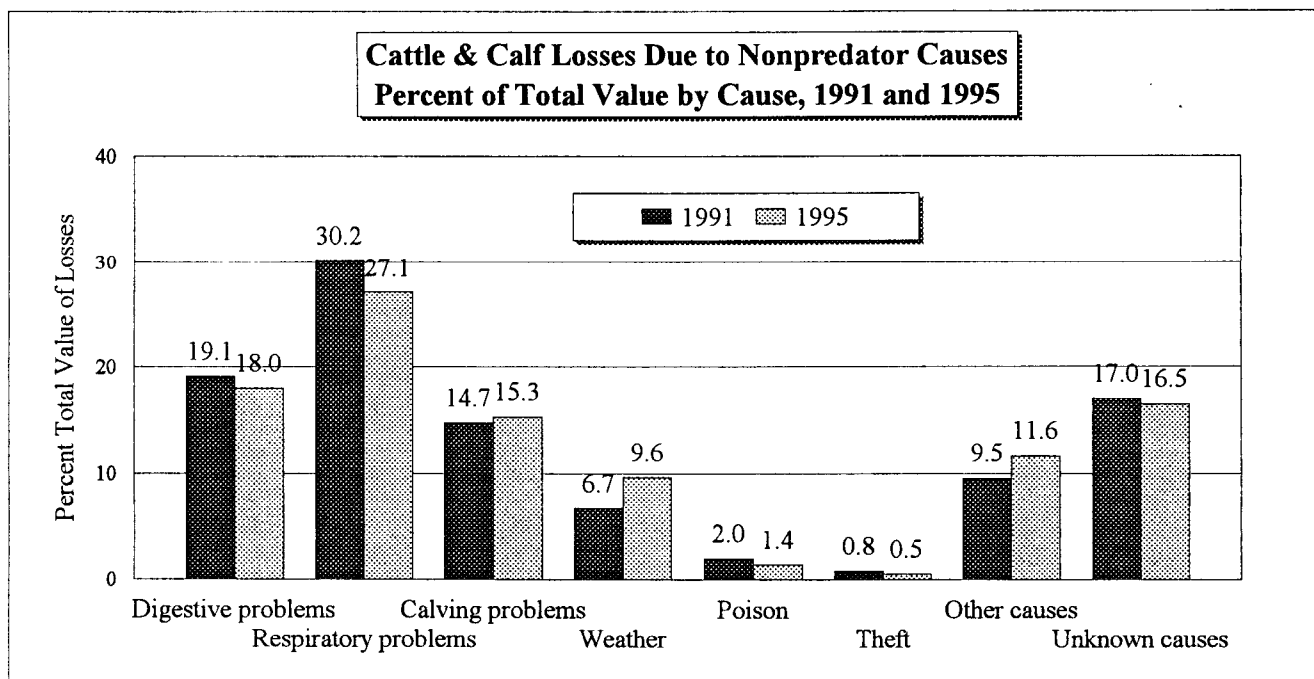
Cause	1991		1995	
	Number Lost	% Nonpredator Losses	Number Lost	% Nonpredator Losses
Digestive problems	901,600	21.1	863,200	20.2
Respiratory problems	1,358,200	31.9	1,203,350	28.2
Calving problems	610,100	14.3	646,925	15.2
Weather	283,900	6.7	417,000	9.8
Poison	69,600	1.6	49,300	1.1
Theft	32,600	0.8	19,700	0.5
Other causes	321,500	7.5	399,150	9.4
Unknown causes	686,500	16.1	664,375	15.6

Total losses	4,264,000	100.0	4,263,000	100.0
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2. Nonpredator Losses (Total Value) by Cause

Cause	1991		1995	
	Total Value (1,000 Dollars)	% Nonpredator Losses	Total Value (1,000 Dollars)	% Nonpredator Losses
Digestive problems	394,530	19.1	316,457	18.0
Respiratory problems	624,085	30.2	478,158	27.1
Calving problems	304,535	14.7	270,148	15.3
Weather	138,405	6.7	169,073	9.6
Poison	41,310	2.0	24,566	1.4
Theft	16,570	0.8	8,285	0.5
Other causes	196,215	9.5	204,055	11.6
Unknown causes	349,825	17.0	291,097	16.5

Total losses	2,065,475	100.0	1,761,839	100.0
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Section III: Causes of Nonpredator Losses, United States, 1991 and 1995

B. ALL CATTLE: Nonpredator Losses (Number Head) by Cause

Cause	1991		1995	
	Number Lost	Percent Total	Number Lost	Percent Total
Digestive problems	200,400	12.8	197,000	12.2
Respiratory problems	409,800	26.1	418,950	26.0
Calving problems	253,300	16.2	246,625	15.3
Weather	116,300	7.4	134,000	8.3
Poison	49,500	3.2	32,500	2.0
Theft	16,200	1.0	8,000	0.5
Other/Unknown causes	522,700	33.3	576,825	35.7
Total losses	1,568,200	100.0	1,613,900	100.0

C. ALL CALVES: Nonpredator Losses (Number Head) by Cause

Cause	1991		1995	
	Number Lost	Percent Total	Number Lost	Percent Total
Digestive problems	701,200	26.0	666,200	25.2
Respiratory problems	948,400	35.2	784,400	29.6
Calving problems	356,800	13.2	400,300	15.1
Weather	167,600	6.2	283,000	10.7
Poison	20,100	0.8	16,800	0.6
Theft	16,400	0.6	11,700	0.4
Other/Unknown causes	485,300	18.0	486,700	18.4
Total losses	2,695,800	100.0	2,649,100	100.0

Section III: Causes of Nonpredator Losses, United States, 1991 and 1995

D. BEEF and DAIRY CATTLE

1. Nonpredator Losses (Number Head) by Cause and Class

Beef Cattle

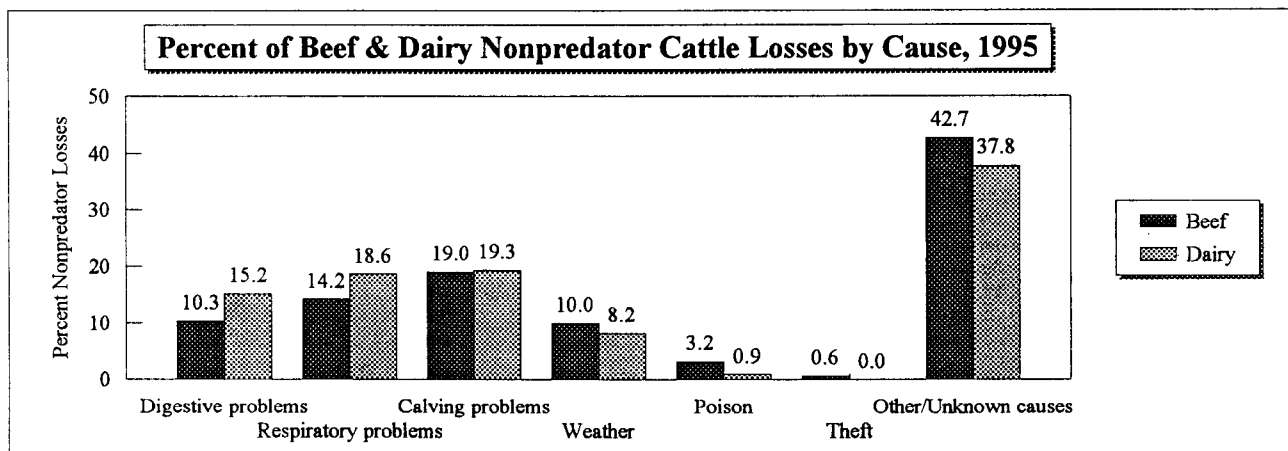
Cause	1991		1995	
	Number Lost	% Total Lost	Number Lost	% Total Lost
Digestive problems	54,400	9.3	86,000	10.3
Respiratory problems	74,600	12.8	119,100	14.2
Calving problems	110,100	18.9	159,200	19.0
Weather	58,200	10.0	83,700	10.0
Poison	35,700	6.1	26,400	3.2
Theft	13,200	2.3	5,100	0.6
Other/Unknown causes	236,900	40.6	357,100	42.7

Total losses	583,100	100.0	836,600	100.0
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Dairy Cattle

Cause	1991		1995	
	Number Lost	% Total Lost	Number Lost	% Total Lost
Digestive problems	62,900	14.3	55,800	15.2
Respiratory problems	49,900	11.4	68,400	18.6
Calving problems	115,600	26.3	71,200	19.3
Weather	19,300	4.4	30,200	8.2
Poison	8,400	1.9	3,300	0.9
Theft	1,400	0.3		0.0
Other/Unknown causes	181,700	41.4	139,200	37.8

Total losses	439,200	100.0	368,100	100.0
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2. Relative Losses (per 100 Cows) by Cause and Class

Cause	Beef Cattle			Dairy Cattle		
	1991 Losses per 100 Cows	1995* Losses per 100 Cows	Relative Change*	1991 Losses per 100 Cows	1995* Losses per 100 Cows	Relative Change*
Digestive problems	0.165	0.243	1.478	0.647	0.593	0.917
Respiratory problems	0.226	0.337	1.493	0.513	0.727	1.417
Calving problems	0.334	0.451	1.350	1.188	0.757	0.637
Weather	0.176	0.237	1.345	0.198	0.321	1.617
Poison	0.108	0.075	0.692	0.085	0.035	0.411
Theft	0.040	0.014	0.361	0.011		
Other/Unknown causes	0.718	1.011	1.408	1.868	1.479	0.792

Total losses	1.767	2.368	1.340	4.510	3.912	0.867
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*Relative change is the 1995 losses per 100 cows inventoried on January 1, 1996, divided by the 1991 losses per 100 cows inventoried on January 1, 1992.

. = Less than 100 head for the region, but number is included in the U.S. total.

Section III: Causes of Nonpredator Losses, United States, 1991 and 1995

E. BEEF and DAIRY CALVES

1. Nonpredator Losses (Number Head) by Cause and Class

Beef Calves

Cause	1991		1995	
	Number Lost	Percent Total	Number Lost	Percent Total
Digestive problems	220,000	19.2	275,700	17.4
Respiratory problems	292,600	25.6	373,900	23.5
Calving problems	233,100	20.4	324,200	20.4
Weather	123,700	10.8	233,400	14.7
Poison	13,500	1.2	12,700	0.8
Theft	11,600	1.0	6,800	0.4
Other/Unknown causes	249,900	21.8	361,600	22.8

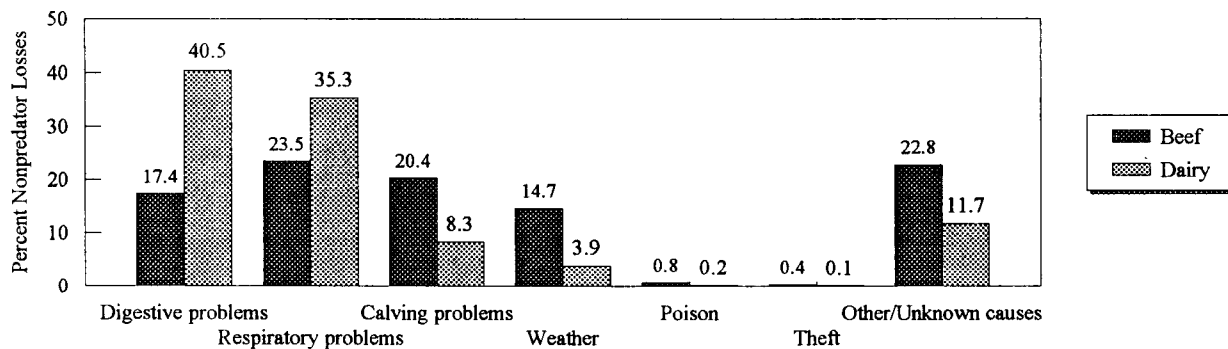
Total losses	1,144,400	100.0	1,588,300	100.0
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Dairy Calves

Cause	1991		1995	
	Number Lost	Percent Total	Number Lost	Percent Total
Digestive problems	351,800	36.6	293,900	40.5
Respiratory problems	317,500	33.0	255,900	35.3
Calving problems	102,100	10.6	59,900	8.3
Weather	23,900	2.5	28,100	3.9
Poison	4,600	0.5	1,400	0.2
Theft	2,000	0.2	900	0.1
Other/Unknown causes	159,300	16.6	84,600	11.7

Total losses	961,200	100.0	724,700	100.0
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Percent of Beef & Dairy Nonpredator Calf Losses by Cause, 1995



2. Relative Losses (per 100 Cows) by Cause and Class

Cause	Beef Calves			Dairy Calves		
	1991 Losses per 100 Cows	1995* Losses per 100 Cows	Relative Change*	1991 Losses per 100 Cows	1995* Losses per 100 Cows	Relative Change*
Digestive problems	0.667	0.780	1.169	3.617	3.213	0.863
Respiratory problems	0.887	1.058	1.193	3.264	2.719	0.833
Calving problems	0.706	0.918	1.301	1.050	0.636	0.606
Weather	0.375	0.661	1.763	0.245	0.299	1.220
Poison	0.041	0.036	0.880	0.045	0.015	0.329
Theft	0.035	0.019	0.548	0.020	0.010	0.490
Other/Unknown causes	0.757	1.024	1.353	1.638	0.899	0.549

Total losses	3.468	4.496	1.296	9.879	7.791	0.780
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*Relative change is the 1995 losses per 100 cows inventoried on January 1, 1996, divided by the 1991 losses per 100 cows inventoried on January 1, 1992.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

A. DIGESTIVE PROBLEMS

1. ALL CATTLE: Losses by Class, Total, State, Region, and United States

State	Total Cattle Lost	Number Lost by Class				
		Beef Cattle	Dairy Cattle	Mixed	Other	Unspecified
Alabama	1,100	900	200			0
Arizona	3,300	700	1,300			1,300
Arkansas	2,500	2,300	100		100	0
California	18,700	1,900	11,600	300	4,900	0
Colorado	5,900	3,300	700	100	1,700	100
Connecticut	100		100			0
Delaware	100					100
Florida	1,300	800	400			100
Georgia	3,200	2,300	900			0
Hawaii	300	100	200			0
Idaho	4,600	1,500	2,300	100	700	0
Illinois	2,400	1,000	800	300	300	0
Indiana	1,400	600	600	100	100	0
Iowa	8,700	3,700	1,000	600	3,400	0
Kansas	12,500	4,800	500	100	7,100	0
Kentucky	3,400	1,500	1,000			900
Louisiana	1,300	800	300			200
Maine	500		200			300
Maryland	400		400			0
Massachusetts	200		200			0
Michigan	3,500	400	2,200	100	800	0
Minnesota	7,800	1,200	3,400	1,800	1,400	0
Mississippi	3,500	3,000	300			200
Missouri	3,100	2,200	500			400
Montana	2,600	2,300	100	100	100	0
Nebraska	16,700	7,600	400	200	8,500	0
Nevada	900	500	200	100	100	0
New Hampshire	100		100			0
New Jersey	100		100			0
New Mexico	3,200	800	800			1,600
New York	4,300	100	2,900	200	1,000	100
North Carolina	1,400	700	600			100
North Dakota	2,900	1,900	200	400	300	100
Ohio	5,100	1,200	2,500	200	1,200	0
Oklahoma	12,000	7,900	500	100	3,500	0
Oregon	3,600	2,100	1,300	100	100	0
Pennsylvania	4,400	100	4,000			300
Rhode Island						
South Carolina	1,700	1,300	400			0
South Dakota	6,800	4,900	800	400	700	0
Tennessee	2,900	2,200	500			200
Texas	19,400	15,000	2,000	900	1,500	0
Utah	1,800	900	600	200	100	0
Vermont	500		500			0
Virginia	1,500	900	400	200		0
Washington	5,500	700	1,800			3,000
West Virginia	500	300	100			100
Wisconsin	7,600	200	5,700	1,100	600	0
Wyoming	1,700	1,400	100			200
Northcentral	42,900	19,300	5,800	3,400	14,300	100
Northeast	36,100	6,300	21,800	2,200	4,000	1,800
Northwest	18,000	8,000	5,600	300	900	3,200
Southcentral	49,500	32,200	3,600	1,100	12,200	400
Southeast	16,400	12,000	3,600			800
Southwest	34,100	8,200	15,400	700	6,800	3,000
U.S.	197,000	86,000	55,800	7,700	38,200	9,300

. = Less than 100 head for the State, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

A. DIGESTIVE PROBLEMS (continued)

2. BEEF and DAIRY CATTLE: Losses by Size Group, Region, and United States

Beef Cattle

Region	Total Cattle Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	19,300	6,300	3,000	10,000
Northeast	6,300	4,200	1,100	1,000
Northwest	8,000	2,100	900	5,000
Southcentral	32,200	10,900	12,400	8,900
Southeast	12,000	6,800	2,600	2,600
Southwest	8,200	1,500	800	5,900
U.S.	86,000	31,800	20,800	33,400

Dairy Cattle

Region	Total Cattle Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	5,800	300	1,400	2,300	1,800
Northeast	21,800	2,400	3,600	8,100	7,700
Northwest	5,600		100	400	5,100
Southcentral	3,600	200	100	700	2,600
Southeast	3,600		100	500	3,000
Southwest	15,400			200	15,200
U.S.	55,800	2,900	5,300	12,200	35,400

. = Less than 100 head for the region, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

B. RESPIRATORY PROBLEMS

1. ALL CATTLE: Losses by Class, Total, State, Region, and United States

State	Total Cattle Lost	Number Lost by Class				
		Beef Cattle	Dairy Cattle	Mixed	Other	Unspecified
Alabama	5,400	4,900	400			100
Arizona	4,500	600	1,400	200	2,300	0
Arkansas	3,200	2,100	300	200	600	0
California	23,600	4,000	13,500	1,000	5,100	0
Colorado	12,800	6,600	900	200	5,100	0
Connecticut	200		200			0
Delaware	250		200			50
Florida	2,000	900	1,000			100
Georgia	2,800	1,500	900	100	300	0
Hawaii	300	100	200			0
Idaho	6,600	2,000	1,700		2,900	0
Illinois	7,000	1,900	700	100	4,300	0
Indiana	3,300	700	1,100			1,500
Iowa	21,500	6,600	1,900	200	12,800	0
Kansas	48,800	7,200	500	300	40,700	100
Kentucky	4,600	3,100	400	100	1,000	0
Louisiana	2,800	1,900	600	100	100	100
Maine	400		300			100
Maryland	700	100	500			100
Massachusetts	200		200			0
Michigan	7,100	1,100	2,600	100	3,200	100
Minnesota	16,900	2,900	6,300	1,100	6,600	0
Mississippi	3,700	2,800	400	100	400	0
Missouri	8,300	5,500	400			2,400
Montana	3,600	3,100		100	400	0
Nebraska	33,900	12,300	400	200	21,000	0
Nevada	1,500	700	300			500
New Hampshire	200		200			0
New Jersey	200	100	100			0
New Mexico	3,900	1,300	1,800	400	400	0
New York	5,600	200	4,700	400	300	0
North Carolina	3,400	1,800	800			800
North Dakota	4,000	2,200	300	300	1,200	0
Ohio	4,600	1,300	1,800	100	1,400	0
Oklahoma	29,000	10,700	1,300	500	16,500	0
Oregon	5,000	2,600	1,200		1,200	0
Pennsylvania	4,800	200	2,700	300	1,500	100
Rhode Island						
South Carolina	1,500	600	600			300
South Dakota	14,300	8,100	800	500	4,900	0
Tennessee	5,200	3,800	500	300	600	0
Texas	80,900	6,600	1,600	300	72,300	100
Utah	2,700	600	600	100	1,400	0
Vermont	1,100		1,100			0
Virginia	3,900	1,300	500	600	1,500	0
Washington	4,500	700	1,200			2,600
West Virginia	1,600	1,400				200
Wisconsin	13,800	700	9,300	800	3,000	0
Wyoming	2,800	2,300				500
Northcentral	90,600	32,100	9,700	2,300	46,500	0
Northeast	59,550	12,100	26,600	2,500	16,200	2,150
Northwest	22,500	10,700	4,100	100	4,500	3,100
Southcentral	170,200	32,100	4,100	1,300	130,100	2,600
Southeast	26,800	18,200	5,200	600	1,400	1,400
Southwest	49,300	13,900	18,700	1,900	14,300	500
U.S.	418,950	119,100	68,400	8,700	213,000	9,750

. = Less than 100 head for the State, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

B. RESPIRATORY PROBLEMS (continued)

2. BEEF and DAIRY CATTLE: Losses by Size Group, Region, and United States

Beef Cattle

Region	Total Cattle Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	32,100	8,200	5,700	18,200
Northeast	12,100	7,700	2,200	2,200
Northwest	10,700	1,400	900	8,400
Southcentral	32,100	10,800	9,600	11,700
Southeast	18,200	9,400	2,600	6,200
Southwest	13,900	1,600	1,500	10,800
U.S.	119,100	39,100	22,500	57,500

Dairy Cattle

Region	Total Cattle Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	9,700	600	2,200	3,600	3,300
Northeast	26,600	1,300	3,500	10,400	11,400
Northwest	4,100	100	100	200	3,700
Southcentral	4,100	200	100	700	3,100
Southeast	5,200	.	100	400	4,700
Southwest	18,700	100	.	300	18,300
U.S.	68,400	2,300	6,000	15,600	44,500

. = Less than 100 head for the region, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

C. CALVING PROBLEMS

1. ALL CATTLE: Losses by Class, Total, State, Region, and United States

State	Total Cattle Lost	Number Lost by Class				
		Beef Cattle	Dairy Cattle	Mixed	Other	Unspecified
Alabama	7,600	7,200	400			0
Arizona	1,700	1,000	600			100
Arkansas	7,500	6,800	300			400
California	12,900	3,800	8,700	200	100	100
Colorado	3,100	2,500	200	100	300	0
Connecticut	200		200			0
Delaware	150	100				50
Florida	6,400	4,900	1,100			400
Georgia	7,600	5,800	1,000	100	700	0
Hawaii	400	200	200			0
Idaho	2,900	1,200	1,600			100
Illinois	3,700	2,500	800	200	200	0
Indiana	2,100	1,100	800	100	100	0
Iowa	5,400	2,900	2,100	200	200	0
Kansas	4,000	3,000	400			600
Kentucky	9,700	7,300	1,700	400	300	0
Louisiana	3,400	2,600	700			100
Maine	400	100	300			0
Maryland	1,000	300	700			0
Massachusetts	200		200			0
Michigan	4,500	1,100	3,100	200	100	0
Minnesota	9,600	1,900	6,600	800	300	0
Mississippi	6,700	5,900	700			100
Missouri	17,900	14,400	2,100	800	600	0
Montana	2,000	1,700	100			200
Nebraska	5,700	4,800	400	300	200	0
Nevada	800	600	100			100
New Hampshire	400	100	300			0
New Jersey	200		200			0
New Mexico	4,700	2,000	1,700			1,000
New York	6,800	300	6,300	100	100	0
North Carolina	6,200	4,800	1,200			200
North Dakota	2,200	1,800	200			200
Ohio	3,700	1,500	1,800			400
Oklahoma	11,100	9,900	900	300		0
Oregon	5,500	4,400	1,000			100
Pennsylvania	5,000	1,100	3,700			200
Rhode Island	75					75
South Carolina	1,600	1,300	300			0
South Dakota	5,500	4,800	400			300
Tennessee	10,600	8,800	800	300	600	1,000
Texas	28,900	25,400	2,200	1,000	300	0
Utah	1,800	1,000	500			300
Vermont	800		700			100
Virginia	4,500	3,200	1,200			100
Washington	3,400	1,100	2,100			200
West Virginia	1,000	800	100			100
Wisconsin	13,500	1,700	10,500	700	600	0
Wyoming	1,600	1,500				100
Northcentral	28,400	16,200	9,700	1,300	700	500
Northeast	57,925	21,200	32,600	1,700	1,400	1,025
Northwest	15,400	9,900	4,800			700
Southcentral	69,400	59,500	5,900	2,100	900	1,000
Southeast	50,100	41,300	6,200	400	1,300	900
Southwest	25,400	11,100	12,000	300	400	1,600
U.S.	246,625	159,200	71,200	5,800	4,700	5,725

. = Less than 100 head for the State, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

C. CALVING PROBLEMS (continued)

2. BEEF and DAIRY CATTLE: Losses by Size Group, Region, and United States

Beef Cattle

Region	Total Cattle Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	16,200	3,800	4,200	8,200
Northeast	21,200	15,300	3,200	2,700
Northwest	9,900	2,400	1,700	5,800
Southcentral	59,500	27,200	12,400	19,900
Southeast	41,300	22,800	7,400	11,100
Southwest	11,100	1,900	1,900	7,300
U.S.	159,200	73,400	30,800	55,000

Dairy Cattle

Region	Total Cattle Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	9,700	400	3,100	3,100	3,100
Northeast	32,600	1,800	5,900	13,100	11,800
Northwest	4,800	.	100	200	4,500
Southcentral	5,900	100	500	2,000	3,300
Southeast	6,200	100	300	1,100	4,700
Southwest	12,000	.	.	200	11,800
U.S.	71,200	2,400	9,900	19,700	39,200

. = Less than 100 head for the region, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

D. WEATHER

1. ALL CATTLE: Losses by Class, Total, State, Region, and United States

State	Total Cattle Lost	Number Lost by Class				
		Beef Cattle	Dairy Cattle	Mixed	Other	Unspecified
Alabama	1,600	1,500	100			0
Arizona	2,600	800	1,800			0
Arkansas	2,600	2,300	200			100
California	7,900	900	6,500			500
Colorado	2,700	2,200				500
Connecticut						
Delaware	100					100
Florida	8,200	7,200	800			200
Georgia	1,400	700	600			100
Hawaii	800	700				100
Idaho	1,000	400	400			200
Illinois	4,200	1,900	1,400			900
Indiana	1,600	600	700			300
Iowa	6,700	3,200	500	200	2,700	100
Kansas	6,300	4,100	400	100	1,700	0
Kentucky	3,900	2,500	800			600
Louisiana	1,400	1,200	200			0
Maine						
Maryland	700	500	200			0
Massachusetts						
Michigan	1,700		1,400	200	100	0
Minnesota	3,900	1,300	1,600	300	600	100
Mississippi	2,200	1,800	300		100	0
Missouri	7,600	5,700	1,000	400	500	0
Montana	2,700	2,600				100
Nebraska	9,400	6,700	100	500	2,100	0
Nevada	600	200				400
New Hampshire	100					100
New Jersey	200		100			100
New Mexico	1,600	1,400	200			0
New York	1,300		1,300			0
North Carolina	1,000	400	300			300
North Dakota	2,300	2,000	100	100		0
Ohio	1,200	200	1,000			0
Oklahoma	7,600	6,200	100	400	800	100
Oregon	400	300	100			0
Pennsylvania	1,500		1,200			300
Rhode Island						
South Carolina	600	600				0
South Dakota	13,000	11,000	400	500	1,100	0
Tennessee	3,200	2,700	400			100
Texas	8,200	6,600	600	400	600	0
Utah	100					100
Vermont	200		100			100
Virginia	1,700	1,200	300			200
Washington	200	100				100
West Virginia	100					100
Wisconsin	5,700	100	5,000	300	200	100
Wyoming	2,000	1,900				100
Northcentral	35,300	24,200	2,700	1,600	6,600	200
Northeast	24,200	7,000	13,500	500	300	2,900
Northwest	6,300	5,300	500			500
Southcentral	32,300	24,900	2,300	1,300	3,600	200
Southeast	19,600	16,100	2,700		100	700
Southwest	16,300	6,200	8,500			1,600
U.S.	134,000	83,700	30,200	3,400	10,600	6,100

. = Less than 100 head for the State, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

D. WEATHER (continued)

2. BEEF and DAIRY CATTLE: Losses by Size Group, Region, and United States

Beef Cattle

Region	Total Cattle Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	24,200	6,500	4,100	13,600
Northeast	7,000	5,200	1,100	700
Northwest	5,300	300	600	4,400
Southcentral	24,900	11,400	5,800	7,700
Southeast	16,100	6,200	2,000	7,900
Southwest	6,200	1,400	900	3,900
U.S.	83,700	31,000	14,500	38,200

Dairy Cattle

Region	Total Cattle Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	2,700	200	700	1,200	600
Northeast	13,500	200	2,400	5,900	5,000
Northwest	500	.	.	.	500
Southcentral	2,300	200	100	700	1,300
Southeast	2,700	100	.	400	2,200
Southwest	8,500	.	.	200	8,300
U.S.	30,200	700	3,200	8,400	17,900

. = Less than 100 head for the region, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

E. POISON

1. ALL CATTLE: Losses by Class, Total, State, Region, and United States

State	Total Cattle Lost	Number Lost by Class				
		Beef Cattle	Dairy Cattle	Mixed	Other	Unspecified
Alabama	500	500	.	.	.	0
Arizona	700	600	.	.	.	100
Arkansas	1,100	1,000	.	.	.	100
California	500	300	200	.	.	0
Colorado	900	800	.	.	.	100
Connecticut	100	.	.	.	.	100
Delaware	.	.	.	.	.	.
Florida	300	300	.	.	.	0
Georgia	1,800	1,700	100	.	.	0
Hawaii	.	.	.	.	.	.
Idaho	700	700	.	.	.	0
Illinois	300	300	.	.	.	0
Indiana	300	100	200	.	.	0
Iowa	600	200	.	.	.	400
Kansas	1,000	900	.	.	.	100
Kentucky	2,500	2,300	.	.	.	200
Louisiana	300	200	100	.	.	0
Maine	.	.	.	.	.	.
Maryland	.	.	.	.	.	.
Massachusetts	.	.	.	.	.	.
Michigan	200	.	100	.	.	100
Minnesota	600	100	200	.	.	300
Mississippi	800	800	.	.	.	0
Missouri	1,100	900	100	.	.	100
Montana	800	800	.	.	.	0
Nebraska	600	400	.	.	.	200
Nevada	200	100	.	.	.	100
New Hampshire	.	.	.	.	.	.
New Jersey	100	.	100	.	.	0
New Mexico	1,300	1,200	100	.	.	0
New York	500	.	400	.	.	100
North Carolina	400	400	.	.	.	0
North Dakota	200	100	.	.	.	100
Ohio	600	200	400	.	.	0
Oklahoma	3,600	3,500	.	.	.	100
Oregon	1,500	1,500	.	.	.	0
Pennsylvania	400	.	300	.	.	100
Rhode Island	.	.	.	.	.	.
South Carolina	200	200	.	.	.	0
South Dakota	1,000	900	.	.	.	100
Tennessee	600	600	.	.	.	0
Texas	2,400	2,100	200	.	.	100
Utah	700	700	.	.	.	0
Vermont	200	.	.	.	.	200
Virginia	600	600	.	.	.	0
Washington	400	300	100	.	.	0
West Virginia	300	300	.	.	.	0
Wisconsin	800	.	700	.	.	100
Wyoming	800	800	.	.	.	0
Northcentral	3,000	1,700	200	.	.	1,100
Northeast	6,900	3,800	2,200	.	.	900
Northwest	4,200	4,100	100	.	.	0
Southcentral	9,200	8,400	300	.	.	500
Southeast	4,900	4,700	200	.	.	0
Southwest	4,300	3,700	300	.	.	300
U.S.	32,500	26,400	3,300			2,800

. = Less than 100 head for the State, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

E. POISON (continued)

2. BEEF and DAIRY CATTLE: Losses by Size Group, Region, and United States

Beef Cattle

Region	Total Cattle Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	1,700	300	500	900
Northeast	3,800	3,500	100	200
Northwest	4,100	500	200	3,400
Southcentral	8,400	4,900	1,800	1,700
Southeast	4,700	2,800	700	1,200
Southwest	3,700	1,000	300	2,400

U.S.	26,400	13,000	3,600	9,800
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Dairy Cattle

Region	Total Cattle Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	200	.	100	100	.
Northeast	2,200	.	100	600	1,500
Northwest	100	.	.	.	100
Southcentral	300	.	.	200	100
Southeast	200	.	100	.	100
Southwest	300	.	.	.	300

U.S.	3,300	.	300	900	2,100
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. = Less than 100 head for the region, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

F. THEFT

1. ALL CATTLE: Losses by Class, Total, State, Region, and United States

State	Total Cattle Lost	Number Lost by Class				
		Beef Cattle	Dairy Cattle	Mixed	Other	Unspecified
Alabama	100					100
Arizona	100	100				0
Arkansas	100					100
California	900	300				600
Colorado	200	200				0
Connecticut						
Delaware						
Florida	400	400				0
Georgia	100					100
Hawaii						
Idaho	300	300				0
Illinois	100					100
Indiana	100					100
Iowa	300					300
Kansas	600					600
Kentucky	200	200				0
Louisiana	100					100
Maine						
Maryland						
Massachusetts						
Michigan						
Minnesota						
Mississippi						
Missouri	500	500				0
Montana						
Nebraska	200	200				0
Nevada	100	100				0
New Hampshire						
New Jersey						
New Mexico	600	600				0
New York	200					200
North Carolina	100					100
North Dakota	100					100
Ohio						
Oklahoma	800	600				200
Oregon	300	300				0
Pennsylvania	100					100
Rhode Island						
South Carolina						
South Dakota	200	200				0
Tennessee	100	100				0
Texas	700	700				0
Utah	100	100				0
Vermont						
Virginia						
Washington						
West Virginia						
Wisconsin	100					100
Wyoming	200	200				0
Northcentral	800	400				400
Northeast	800	200				600
Northwest	800	800				0
Southcentral	2,700	1,800				900
Southeast	900	500				400
Southwest	2,000	1,400				600
U.S.	8,000	5,100				2,900

. = Less than 100 head for the State, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

F. THEFT (continued)

2. BEEF and DAIRY CATTLE: Losses by Size Group, Region, and United States

Beef Cattle

Region	Total Cattle Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	400	100	.	300
Northeast	200	200	.	.
Northwest	800	.	.	800
Southcentral	1,800	600	700	500
Southeast	500	100	100	300
Southwest	1,400	200	500	700
U.S.	5,100	1,200	1,300	2,600

Dairy Cattle

Region	Total Cattle Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral
Northeast
Northwest
Southcentral
Southeast
Southwest
U.S.					

. = Less than 100 head for the region, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

G. OTHER/UNKNOWN NONPREDATOR CAUSES

1. ALL CATTLE: Losses by Class, Total, State, Region, and United States

State	Total Cattle Lost	Number Lost by Class				
		Beef Cattle	Dairy Cattle	Mixed	Other	Unspecified
Alabama	10,300	9,600	600		100	0
Arizona	16,200	5,300	2,700			8,200
Arkansas	12,600	10,600	800	300	500	400
California	24,000	7,400	15,100	700	700	100
Colorado	19,000	6,200	1,200	100	11,200	300
Connecticut	400		400			0
Delaware	400		100			300
Florida	10,800	7,900	2,400			500
Georgia	7,800	6,300	900	100	200	300
Hawaii	2,100	1,600	500			0
Idaho	9,600	6,200	2,800	100	500	0
Illinois	7,200	4,400	1,500	200	1,100	0
Indiana	6,000	1,500	1,300	200	3,000	0
Iowa	14,400	8,000	3,600	400	2,400	0
Kansas	18,300	10,600	1,100	200	6,200	200
Kentucky	20,200	15,900	2,700	700	900	0
Louisiana	5,500	4,500	900			100
Maine	700		700			0
Maryland	2,125	500	1,500			125
Massachusetts	325		300			25
Michigan	7,800	900	5,600	400	900	0
Minnesota	20,600	4,300	12,500	700	3,100	0
Mississippi	17,500	16,300	700	100	100	300
Missouri	25,800	18,500	2,500	1,200	3,600	0
Montana	10,800	9,800	300	200	500	0
Nebraska	13,000	10,000	700	500	1,700	100
Nevada	1,700	1,100	200			400
New Hampshire	200		200			0
New Jersey	200		100			100
New Mexico	6,100	4,500	1,100			500
New York	11,100	800	9,400	400	400	100
North Carolina	6,100	4,700	1,000			400
North Dakota	7,100	5,500	700	600	300	0
Ohio	8,600	3,200	4,000	500	800	100
Oklahoma	28,800	25,200	1,000	500	2,100	0
Oregon	11,400	7,400	2,700	100	400	800
Pennsylvania	12,600	1,500	10,300	100	200	500
Rhode Island	25					25
South Carolina	4,300	3,200				1,100
South Dakota	18,800	14,300	2,800	600	1,000	100
Tennessee	16,900	12,200	1,700	800	2,200	0
Texas	95,500	83,500	6,600	1,900	3,500	0
Utah	6,600	5,000	1,200	100	300	0
Vermont	2,125		1,800			325
Virginia	11,400	7,000	3,400	100	100	800
Washington	7,800	2,100	4,800	100	400	400
West Virginia	2,425	1,900	300			225
Wisconsin	27,900	2,400	22,500	1,200	1,700	100
Wyoming	5,700	5,300			100	300
Northcentral	73,900	42,100	20,300	2,800	8,500	200
Northeast	121,725	40,000	66,100	3,800	9,100	2,725
Northwest	45,300	30,800	10,600	500	1,900	1,500
Southcentral	181,000	148,400	12,000	4,100	15,900	600
Southeast	79,200	64,700	8,200	1,000	2,600	2,700
Southwest	75,700	31,100	22,000	900	12,200	9,500
U.S.	576,825	357,100	139,200	13,100	50,200	17,225

. = Less than 100 head for the State, but number is included in the U.S. total.

Section IV: Causes of Nonpredator Cattle Losses, State and Region, 1995

G. OTHER/UNKNOWN NONPREDATOR CAUSES (continued)

2. BEEF and DAIRY CATTLE: Losses by Size Group, Region, and United States

Beef Cattle

Region	Total Cattle Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	42,100	14,100	9,200	18,800
Northeast	40,000	26,600	8,000	5,400
Northwest	30,800	7,000	4,100	19,700
Southcentral	148,400	59,600	39,600	49,200
Southeast	64,700	36,700	12,800	15,200
Southwest	31,100	6,300	5,000	19,800
U.S.	357,100	150,300	78,700	128,100

Dairy Cattle

Region	Total Cattle Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	20,300	1,300	3,900	9,300	5,800
Northeast	66,100	4,100	13,800	26,200	22,000
Northwest	10,600	100	300	1,000	9,200
Southcentral	12,000	300	1,200	3,100	7,400
Southeast	8,200	200	400	1,500	6,100
Southwest	22,000	400		600	21,000
U.S.	139,200	6,400	19,600	41,700	71,500

. = Less than 100 head for the region, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

A. DIGESTIVE PROBLEMS

1. ALL CALVES: Losses by Class, Total, State, Region, and United States

State	Total Calves Lost	Number Lost by Class				
		Beef Calves	Dairy Calves	Mixed	Other	Unspecified
Alabama	6,600	4,200	2,300			100
Arizona	7,000	1,300	5,600			100
Arkansas	6,700	5,100	700	800	100	0
California	41,000	6,800	23,200	1,200	9,800	0
Colorado	10,800	7,800	2,100	500	400	0
Connecticut	300		200			100
Delaware	400		400			0
Florida	9,100	3,900	4,400			800
Georgia	7,100	2,800	3,900			400
Hawaii	400	100	300			0
Idaho	17,600	9,100	7,000	500	1,000	0
Illinois	11,000	5,000	4,600	300	1,100	0
Indiana	7,800	1,900	4,400	200	1,300	0
Iowa	26,800	13,800	10,500	1,200	1,300	0
Kansas	13,700	9,100	1,900	500	2,200	0
Kentucky	16,100	9,700	4,300	1,900	200	0
Louisiana	4,200	1,200	2,700			300
Maine	1,000	100	600			300
Maryland	2,400	200	2,200			0
Massachusetts	300		300			0
Michigan	23,600	2,800	15,900	700	4,200	0
Minnesota	46,300	6,900	34,200	3,500	1,700	0
Mississippi	7,200	5,000	1,500	400	300	0
Missouri	27,500	15,100	9,500	2,000	900	0
Montana	10,000	9,600	200			200
Nebraska	25,600	22,600	1,100	1,100	800	0
Nevada	3,100	2,500				600
New Hampshire	300		300			0
New Jersey	500		300			200
New Mexico	8,500	1,000	1,700	5,800		0
New York	25,200	600	21,900	800	1,900	0
North Carolina	6,300	3,000	2,600			700
North Dakota	15,500	11,600	1,800	1,800	300	0
Ohio	14,700	2,000	9,700	700	2,300	0
Oklahoma	19,200	13,900	3,200	1,200	900	0
Oregon	12,000	8,800	1,800	100	1,300	0
Pennsylvania	17,000	2,000	13,400	900	700	0
Rhode Island	100		100			0
South Carolina	2,300	1,500	800			0
South Dakota	37,000	29,300	3,700			4,000
Tennessee	19,800	12,100	4,900	2,300	500	0
Texas	31,600	18,700	8,500	1,300	3,100	0
Utah	6,700	3,300	2,700	500	200	0
Vermont	2,600	100	2,400			100
Virginia	15,500	7,800	6,900			800
Washington	6,800	1,900	4,700			200
West Virginia	2,400	1,300	600			500
Wisconsin	82,300	4,300	57,800	5,700	14,500	0
Wyoming	6,300	5,900	100	100	200	0
Northcentral	151,200	84,200	51,300	7,600	4,100	4,000
Northeast	223,500	37,800	146,300	11,200	26,200	2,000
Northwest	52,700	35,300	13,800	700	2,500	400
Southcentral	98,700	61,900	23,800	5,800	7,200	0
Southeast	62,600	33,700	23,100	2,700	800	2,300
Southwest	77,500	22,800	35,600	8,000	10,400	700
U.S.	666,200	275,700	293,900	36,000	51,200	9,400

. = Less than 100 head for the State, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

A. DIGESTIVE PROBLEMS (continued)

2. BEEF and DAIRY CALVES: Losses by Size Group, Region, and United States

Beef Calves

Region	Total Calves Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	84,200	18,300	19,100	46,800
Northeast	37,800	21,100	9,000	7,700
Northwest	35,300	4,700	3,600	27,000
Southcentral	61,900	27,300	11,800	22,800
Southeast	33,700	14,600	6,200	12,900
Southwest	22,800	2,900	3,200	16,700
U.S.	275,700	88,900	52,900	133,900

Dairy Calves

Region	Total Calves Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	51,300	3,200	11,100	22,800	14,200
Northeast	146,300	12,700	21,100	62,300	50,200
Northwest	13,800	300	400	1,800	11,300
Southcentral	23,800	3,100	3,500	5,200	12,000
Southeast	23,100	400	900	4,200	17,600
Southwest	35,600	600		800	34,200
U.S.	293,900	20,300	37,000	97,100	139,500

. = Less than 100 head for the region, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

B. RESPIRATORY PROBLEMS

1. ALL CALVES: Losses by Class, Total, State, Region, and United States

State	Total Calves Lost	Number Lost by Class				
		Beef Calves	Dairy Calves	Mixed	Other	Unspecified
Alabama	9,900	8,600	1,100			200
Arizona	9,000	3,100	4,600			1,300
Arkansas	13,500	11,100	1,200	400	700	100
California	55,600	10,100	33,600	1,700	10,200	0
Colorado	14,900	11,700	1,900	300	1,000	0
Connecticut	300		200			100
Delaware	200		100			100
Florida	11,500	9,800	1,200			500
Georgia	6,500	3,700	2,200	200	400	0
Hawaii	400	300	100			0
Idaho	12,700	5,900	4,300	400	2,100	0
Illinois	11,700	5,000	4,000	700	2,000	0
Indiana	10,300	2,100	4,500	200	3,500	0
Iowa	37,400	16,300	9,800	3,600	7,700	0
Kansas	28,100	18,600	900	800	7,700	100
Kentucky	19,800	13,300	3,800	1,300	1,400	0
Louisiana	5,700	3,300	1,800	100	500	0
Maine	1,000		700			300
Maryland	2,000	400	1,500			100
Massachusetts	300		300			0
Michigan	17,800	3,800	8,200	300	5,500	0
Minnesota	37,900	6,500	22,800	1,600	7,000	0
Mississippi	12,900	10,100	1,500	500	800	0
Missouri	37,400	28,800	4,400	2,300	1,900	0
Montana	8,600	8,000	200	200	200	0
Nebraska	25,200	20,800	1,200	1,800	1,400	0
Nevada	3,400	2,500	600			300
New Hampshire	300		200			100
New Jersey	500		400			100
New Mexico	10,900	5,200	4,700	500	400	100
New York	21,500	1,600	18,800	400	700	0
North Carolina	5,800	2,600	2,400	400	400	0
North Dakota	12,100	8,600	800	1,700	1,000	0
Ohio	14,000	3,300	6,500	1,000	3,200	0
Oklahoma	41,600	26,400	3,300	1,200	10,600	100
Oregon	16,600	8,700	2,500	300	5,100	0
Pennsylvania	15,900	1,000	11,200	800	2,900	0
Rhode Island	100		100			0
South Carolina	3,000	2,200	600			200
South Dakota	30,000	21,500	4,700	1,900	1,900	0
Tennessee	20,300	11,700	2,300	1,400	4,800	100
Texas	85,500	53,200	14,700	2,800	14,800	0
Utah	6,900	2,700	2,300	300	1,500	100
Vermont	3,000		2,800			200
Virginia	14,400	6,700	5,500	1,400	800	0
Washington	10,000	4,200	4,800	100	900	0
West Virginia	2,300	1,900	200			200
Wisconsin	69,600	3,000	50,400	5,400	10,800	0
Wyoming	6,100	5,600		100	400	0
Northcentral	142,600	73,700	39,300	10,600	19,000	0
Northeast	205,000	42,100	119,400	11,500	30,800	1,200
Northwest	54,000	32,400	11,800	1,100	8,700	0
Southcentral	206,100	138,100	24,500	7,500	35,700	300
Southeast	75,600	52,000	13,100	2,600	6,900	1,000
Southwest	101,100	35,600	47,800	2,800	13,100	1,800
U.S.	784,400	373,900	255,900	36,100	114,200	4,300

. = Less than 100 head for the State, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

B. RESPIRATORY PROBLEMS (continued)

2. BEEF and DAIRY CALVES: Losses by Size Group, Region, and United States

Beef Calves

Region	Total Calves Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	73,700	18,100	16,900	38,700
Northeast	42,100	28,000	8,000	6,100
Northwest	32,400	7,100	3,100	22,200
Southcentral	138,100	51,500	35,900	50,700
Southeast	52,000	28,500	8,800	14,700
Southwest	35,600	8,600	4,300	22,700
U.S.	373,900	141,800	77,000	155,100

Dairy Calves

Region	Total Calves Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	39,300	2,600	10,500	16,600	9,600
Northeast	119,400	9,700	23,600	46,500	39,600
Northwest	11,800	.	300	1,300	10,200
Southcentral	24,500	1,500	1,100	6,600	15,300
Southeast	13,100	200	300	2,300	10,300
Southwest	47,800	300	100	800	46,600
U.S.	255,900	14,300	35,900	74,100	131,600

. = Less than 100 head for the region, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

C. CALVING PROBLEMS

1. ALL CALVES: Losses by Class, Total, State, Region, and United States

State	Total Calves Lost	Number Lost by Class				
		Beef Calves	Dairy Calves	Mixed	Other	Unspecified
Alabama	9,200	8,900	200			100
Arizona	1,700	900	700			100
Arkansas	9,900	8,900	600			400
California	8,100	3,700	3,800	400	100	100
Colorado	7,400	6,700	400			300
Connecticut	100		100			0
Delaware	100		100			0
Florida	5,600	4,400	700	400	100	0
Georgia	8,300	7,400	500	100	300	0
Hawaii	300	200	100			0
Idaho	5,900	3,800	1,900			200
Illinois	7,900	6,100	1,300			500
Indiana	4,000	3,000	900			100
Iowa	19,700	16,400	2,700			600
Kansas	10,200	9,400	300			500
Kentucky	19,200	17,200	1,500	300	100	100
Louisiana	3,300	3,200				100
Maine	400	200	200			0
Maryland	1,200	300	900			0
Massachusetts	100		100			0
Michigan	8,300	4,700	3,300			300
Minnesota	9,300	4,900	3,800	300	200	100
Mississippi	7,500	7,000	300			200
Missouri	26,600	23,500	1,400	600	1,100	0
Montana	13,900	13,200	300			400
Nebraska	18,800	17,700	400	500	100	100
Nevada	1,900	1,600	200			100
New Hampshire	200	100				100
New Jersey	200	100	100			0
New Mexico	3,700	2,200	1,300			200
New York	6,000	600	5,000			400
North Carolina	6,200	5,300	700			200
North Dakota	15,800	14,000	500	800	400	100
Ohio	13,000	8,300	4,500			200
Oklahoma	26,900	25,100	1,000			800
Oregon	7,400	6,600	500			300
Pennsylvania	6,100	1,900	4,000			200
Rhode Island						
South Carolina	4,200	3,700	400			100
South Dakota	16,700	15,100	1,100	300	200	0
Tennessee	14,800	14,100	400			300
Texas	27,700	26,100	600	500	500	0
Utah	5,400	3,800	900	400	200	100
Vermont	1,200		1,200			0
Virginia	12,500	11,200	1,200			100
Washington	4,700	2,900	1,700			100
West Virginia	2,600	2,200	100			300
Wisconsin	10,300	2,100	8,000			200
Wyoming	5,800	5,500				300
Northcentral	80,300	68,100	8,500	1,900	900	900
Northeast	93,400	58,000	32,500	300	100	2,500
Northwest	37,700	32,000	4,400			1,300
Southcentral	101,300	93,000	3,900	1,100	1,600	1,700
Southeast	59,100	54,000	3,200	500	400	1,000
Southwest	28,500	19,100	7,400	800	300	900
U.S.	400,300	324,200	59,900	4,600	3,300	8,300

. = Less than 100 head for the State, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

C. CALVING PROBLEMS (continued)

2. BEEF and DAIRY CALVES: Losses by Size Group, Region, and United States

Beef Calves

Region	Total Calves Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	68,100	18,900	14,500	34,700
Northeast	58,000	43,400	8,400	6,200
Northwest	32,000	5,900	3,800	22,300
Southcentral	93,000	42,400	24,400	26,200
Southeast	54,000	32,600	11,200	10,200
Southwest	19,100	4,000	2,600	12,500
U.S.	324,200	147,200	64,900	112,100

Dairy Calves

Region	Total Calves Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	8,500	700	1,600	3,300	2,900
Northeast	32,500	2,700	8,800	12,700	8,300
Northwest	4,400	100	100	400	3,800
Southcentral	3,900	100	200	1,300	2,300
Southeast	3,200	.	100	700	2,400
Southwest	7,400	200	.	300	6,900
U.S.	59,900	3,800	10,800	18,700	26,600

. = Less than 100 head for the region, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

D. WEATHER

1. ALL CALVES: Losses by Class, Total, State, Region, and United States

State	Total Calves Lost	Number Lost by Class				
		Beef Calves	Dairy Calves	Mixed	Other	Unspecified
Alabama	2,200	1,900	200			100
Arizona	1,100	500	600			0
Arkansas	4,000	3,900	100			0
California	10,300	2,400	7,400	300	200	0
Colorado	7,100	6,300	100			700
Connecticut	100					100
Delaware						
Florida	3,000	2,700	200			100
Georgia	900	700	200			0
Hawaii	600	300				300
Idaho	4,100	2,800	1,200			100
Illinois	3,300	2,600	100			600
Indiana	2,500	1,700	500			300
Iowa	15,100	13,000	1,000			1,100
Kansas	7,500	6,700	100			700
Kentucky	8,500	7,400	800	100	200	0
Louisiana	2,100	2,000	100			0
Maine	100		100			0
Maryland	100		100			0
Massachusetts						
Michigan	2,000	500	1,000			500
Minnesota	5,100	3,500	1,400			200
Mississippi	1,600	1,500	100			0
Missouri	17,800	15,500	1,100	700	400	100
Montana	13,100	12,700		100	200	100
Nebraska	25,200	21,300	300	400	3,200	0
Nevada	400	300	100			0
New Hampshire						
New Jersey	200	100	100			0
New Mexico	3,700	2,600	1,000			100
New York	1,700	600	1,000			100
North Carolina	1,000	600	400			0
North Dakota	7,300	6,400	400			500
Ohio	1,800	1,000	700			100
Oklahoma	14,100	12,100	300			1,700
Oregon	3,000	2,600	100			300
Pennsylvania	1,000	100	900			0
Rhode Island						
South Carolina	700	700				0
South Dakota	72,000	70,300	200	1,100	400	0
Tennessee	3,400	3,100	200			100
Texas	13,800	7,500	900			5,400
Utah	1,500	1,300	100			100
Vermont	700		600			100
Virginia	6,500	5,300	900			300
Washington	1,000	800				200
West Virginia	1,300	1,300				0
Wisconsin	6,300	2,700	3,500			100
Wyoming	4,200	4,100				100
Northcentral	124,700	114,500	3,300	1,500	3,600	1,800
Northeast	36,100	23,300	10,300	100	200	2,200
Northwest	25,400	23,000	1,300	100	200	800
Southcentral	57,200	45,700	2,500	700	400	7,900
Southeast	14,900	13,200	1,400			300
Southwest	24,700	13,700	9,300	300	200	1,200
U.S.	283,000	233,400	28,100	2,700	4,600	14,200

. = Less than 100 head for the State, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

D. WEATHER (continued)

2. BEEF and DAIRY CALVES: Losses by Size Group, Region, and United States

Beef Calves

Region	Total Calves Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	114,500	16,500	17,700	80,300
Northeast	23,300	15,700	3,800	3,800
Northwest	23,000	2,400	2,700	17,900
Southcentral	45,700	18,600	12,600	14,500
Southeast	13,200	5,800	2,700	4,700
Southwest	13,700	1,900	2,000	9,800
U.S.	233,400	60,900	41,500	131,000

Dairy Calves

Region	Total Calves Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	3,300	300	1,100	1,400	500
Northeast	10,300	700	2,200	3,900	3,500
Northwest	1,300	.	.	.	1,300
Southcentral	2,500	200	200	900	1,200
Southeast	1,400	.	.	400	1,000
Southwest	9,300	.	.	.	9,300
U.S.	28,100	1,200	3,500	6,600	16,800

. = Less than 100 head for the region, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

E. POISON

1. ALL CALVES: Losses by Class, Total, State, Region, and United States

State	Total Calves Lost	Number Lost by Class				
		Beef Calves	Dairy Calves	Mixed	Other	Unspecified
Alabama	600	600				0
Arizona	200	200				0
Arkansas	300	300				0
California	100		100			0
Colorado	700	700				0
Connecticut						
Delaware						
Florida	200	200				0
Georgia	600	500				100
Hawaii						
Idaho	200	200				0
Illinois	100					100
Indiana	400					400
Iowa	100					100
Kansas	100					100
Kentucky	600	500				100
Louisiana	200	100				100
Maine						
Maryland						
Massachusetts						
Michigan	100					100
Minnesota	100					100
Mississippi	400	400				0
Missouri	900	400				500
Montana	900	900				0
Nebraska	500	500				0
Nevada						
New Hampshire						
New Jersey						
New Mexico	600	600				0
New York	100					100
North Carolina	100					100
North Dakota	100					100
Ohio	100					100
Oklahoma	1,400	1,300				100
Oregon	300	300				0
Pennsylvania	400		400			0
Rhode Island						
South Carolina	700	700				0
South Dakota	200	200				0
Tennessee	900	900				0
Texas	2,700	2,200	300			200
Utah	400	400				0
Vermont	300		300			0
Virginia	100	100				0
Washington	100					100
West Virginia	100					100
Wisconsin	400		300			100
Wyoming	500	500				0
Northcentral	1,000	700				300
Northeast	2,700	600	1,000			1,100
Northwest	2,000	1,900				100
Southcentral	5,400	4,200	300			900
Southeast	3,700	3,400				300
Southwest	2,000	1,900	100			0
U.S.	16,800	12,700	1,400			2,700

. = Less than 100 head for the State, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

E. POISON (continued)

2. BEEF and DAIRY CALVES: Losses by Size Group, Region, and United States

Beef Calves

Region	Total Calves Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	700	300		400
Northeast	600	300	200	100
Northwest	1,900		1,200	700
Southcentral	4,200	2,100	500	1,600
Southeast	3,400	2,700	300	400
Southwest	1,900	700	100	1,100
U.S.	12,700	6,100	2,300	4,300

Dairy Calves

Region	Total Calves Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral					
Northeast	1,000		400	200	400
Northwest					
Southcentral	300			200	100
Southeast					
Southwest	100				100
U.S.	1,400		400	400	600

. = Less than 100 head for the region, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

F. THEFT

1. ALL CALVES: Losses by Class, Total, State, Region, and United States

State	Total Calves Lost	Number Lost by Class				Unspecified
		Beef Calves	Dairy Calves	Mixed	Other	
Alabama	200	200				0
Arizona	100					100
Arkansas	100	100				0
California	1,100	200	900			0
Colorado	300	300				0
Connecticut						
Delaware						
Florida	100					100
Georgia	200					200
Hawaii	100					100
Idaho	200	200				0
Illinois	300					300
Indiana	400					400
Iowa	1,200					1,200
Kansas	400					400
Kentucky	100	100				0
Louisiana	200					200
Maine						
Maryland						
Massachusetts						
Michigan	100					100
Minnesota	100					100
Mississippi						
Missouri	800	800				0
Montana	200	200				0
Nebraska	100					100
Nevada						
New Hampshire						
New Jersey						
New Mexico	300	300				0
New York	100					100
North Carolina						
North Dakota	100	100				0
Ohio	100					100
Oklahoma	600	500				100
Oregon	400	400				0
Pennsylvania	100					100
Rhode Island						
South Carolina						
South Dakota	200	200				0
Tennessee	400	400				0
Texas	2,700	2,700				0
Utah						
Vermont						
Virginia						
Washington	100	100				0
West Virginia						
Wisconsin	100					100
Wyoming	200					200
Northcentral	1,700	300				1,400
Northeast	1,300	100				1,200
Northwest	1,100	900				200
Southcentral	4,600	4,100				500
Southeast	1,100	600				500
Southwest	1,900	800	900			200
U.S.	11,700	6,800	900			4,000

. = Less than 100 head for the State, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

F. THEFT (continued)

2. BEEF and DAIRY CALVES: Losses by Size Group, Region, and United States

Beef Calves

Region	Total Calves Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	300	.	100	200
Northeast	100	100	.	.
Northwest	900	100	.	800
Southcentral	4,100	300	3,500	300
Southeast	600	300	200	100
Southwest	800	300	100	400
U.S.	6,800	1,100	3,900	1,800

Dairy Calves

Region	Total Calves Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	.	.	.	.	.
Northeast	.	.	.	.	.
Northwest	.	.	.	.	.
Southcentral	.	.	.	.	.
Southeast	.	.	.	.	.
Southwest	900	.	.	.	900
U.S.	900				900

. = Less than 100 head for the region, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

G. OTHER/UNKNOWN NONPREDATOR CAUSES

1. ALL CALVES: Losses by Class, Total, State, Region, and United States

State	Total Calves Lost	Number Lost by Class				
		Beef Calves	Dairy Calves	Mixed	Other	Unspecified
Alabama	15,600	14,900	600			100
Arizona	7,600	4,500	2,300			800
Arkansas	8,800	8,000	200	200	100	300
California	14,700	5,300	7,600			1,800
Colorado	15,300	14,000	700			600
Connecticut	200	100	100			0
Delaware	300		100			200
Florida	13,400	12,400	700			300
Georgia	9,000	8,000	800			200
Hawaii	2,000	1,000	600			400
Idaho	10,000	6,300	2,500	200	500	500
Illinois	9,000	6,500	1,100	100	1,200	100
Indiana	4,900	3,300	900			700
Iowa	13,700	10,000	2,400			1,300
Kansas	8,600	5,900	100	100	2,400	100
Kentucky	16,700	12,400	1,900	300	1,200	900
Louisiana	4,200	4,100	100			0
Maine	1,425	100	900			425
Maryland	1,225	400	800			25
Massachusetts	225		200			25
Michigan	7,900	1,600	5,800			500
Minnesota	14,700	3,500	8,500	1,600	500	600
Mississippi	10,600	9,500	900			200
Missouri	27,100	25,100	800	200	300	700
Montana	8,500	8,200	100			200
Nebraska	3,100	2,800	300			0
Nevada	1,900	1,700	100			100
New Hampshire	200		200			0
New Jersey	600	200	200			200
New Mexico	6,300	5,000	500			800
New York	10,000	1,500	7,900	300	200	100
North Carolina	9,800	9,300	500			0
North Dakota	5,800	5,200	300			300
Ohio	7,800	3,400	2,700	600	1,000	100
Oklahoma	37,700	34,300	1,000	200	1,000	1,200
Oregon	5,900	5,100	700			100
Pennsylvania	11,000	2,700	6,100			2,200
Rhode Island	100					100
South Carolina	3,400	3,200				200
South Dakota	6,500	5,700	300	200	200	100
Tennessee	16,600	14,500	800	400	900	0
Texas	81,000	73,400	2,800	2,000	1,400	1,400
Utah	4,100	3,600	500			0
Vermont	2,125		1,900			225
Virginia	14,400	11,600	2,100	300	200	200
Washington	5,300	3,000	1,700			600
West Virginia	2,100	1,700				400
Wisconsin	20,000	3,400	13,300	1,000	600	1,700
Wyoming	5,300	5,200				100
Northcentral	43,800	27,200	11,800	1,800	700	2,300
Northeast	110,200	48,900	46,200	2,600	4,400	8,100
Northwest	35,000	27,800	5,000	200	500	1,500
Southcentral	163,200	146,700	4,900	2,700	5,200	3,700
Southeast	82,600	75,900	4,400	400	900	1,000
Southwest	51,900	35,100	12,300			4,500
U.S.	486,700	361,600	84,600	7,700	11,700	21,100

. = Less than 100 head for the State, but number is included in the U.S. total.

Section V: Causes of Nonpredator Calf Losses, State and Region, 1995

G. OTHER/UNKNOWN NONPREDATOR CAUSES (continued)

2. BEEF and DAIRY CALVES: Losses by Size Group, Region, and United States

Beef Calves

Region	Total Calves Lost	Number Lost by Size Group		
		1-49 Head	50-99 Head	100+ Head
Northcentral	27,200	10,300	7,600	9,300
Northeast	48,900	34,900	9,300	4,700
Northwest	27,800	7,000	4,200	16,600
Southcentral	146,700	71,300	36,100	39,300
Southeast	75,900	47,900	12,700	15,300
Southwest	35,100	8,500	4,200	22,400
U.S.	361,600	179,900	74,100	107,600

Dairy Calves

Region	Total Calves Lost	Number Lost by Size Group			
		1-29 Head	30-49 Head	50-99 Head	100+ Head
Northcentral	11,800	2,700	4,400	3,400	1,300
Northeast	46,200	3,400	10,100	17,600	15,100
Northwest	5,000	.	100	300	4,600
Southcentral	4,900	200	400	1,200	3,100
Southeast	4,400	.	100	1,100	3,200
Southwest	12,300	.	.	400	11,900
U.S.	84,600	6,300	15,100	24,000	39,200

. = Less than 100 head for the region, but number is included in the U.S. total.

Section VI: Cow Inventory

1. BEEF and DAIRY COWS: January 1, 1992, Inventory* (Number Head) by Region

Region	Beef Cows	Dairy Cows
Northcentral	5,618,000	1,232,000
Northeast	3,832,300	4,787,400
Northwest	3,641,000	549,000
Southcentral	11,484,000	856,000
Southeast	5,262,000	763,000
Southwest	3,167,000	1,540,000
U.S.	33,004,300	9,727,400

*National Agricultural Statistics Service (NASS) revised estimates, excluding Alaska, published January 1995, *Cattle Final Estimate 1989-93*.

2. BEEF and DAIRY COWS: January 1, 1996, Inventory* (Number Head) by Region

Region	Beef Cows	Dairy Cows
Northcentral	6,071,000	1,099,000
Northeast	3,974,500	4,446,200
Northwest	3,735,000	630,000
Southcentral	12,507,000	823,000
Southeast	5,905,000	650,000
Southwest	3,137,000	1,763,000
U.S.	35,329,500	9,411,200

*National Agricultural Statistics Service (NASS) estimates, excluding Alaska, published February 1996, *Cattle Report*.

Reliability of Cattle and Calves Death Loss Estimates

Survey Procedures

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 to collect death loss by cause. Large producers were sampled more heavily than small operations. Data were collected from about 50,000 operators during the first half of January by mail, telephone, and face-to-face personal interviews and 84 percent of the reports were usable. Regardless of when operators responded, they were asked to report death losses for cattle and calves for the 1995 calendar year and the January 1, 1996 cattle and calf inventory by class.

Based on the original data collected during January, a report titled Cattle and Calves Death Loss was issued May 17, 1996. This report contained data for death loss by cause including predator losses and losses from other causes. These estimates were on a State and Regional level. A report titled Cattle was issued February 2, 1996, which contained January 1, 1996, inventory estimates.

Data in the above mentioned report as well as additional summaries from the original data provided data for this report. The original data was resummarized to break the losses out by class and size group based on reported inventory. The classes included beef cattle, dairy cattle, mixed and other cattle operations. These classes are further defined in the following terms and definitions section. Size groups included 1-49 head, 50-99 head and 100+ head for beef cattle and 1-29 head, 30-49 head, 50-99 head and 100+ head for dairy cattle. No size group breakdowns are included for other or mixed operations.

Estimating Procedures

These estimates of total death losses and death loss by cause were jointly prepared by the Livestock, Dairy and Poultry Branch, NASS, and the National Animal Health Monitoring System, APHIS. Total cattle and calf death losses from all causes were published in the 1995 *Meat Animals Production, Disposition, and Income* report, released April 11, 1996. Breakdowns by cause of loss and value of loss were published in the Cattle and Calves Death Loss report issued May 17, 1996. Class estimates for this report were compiled by using the estimated percent each class was of the total loss by cause. This percent was then applied to the total death loss published in the May 1996 report. Once the beef and dairy totals were derived, the same procedure was used to estimate regional size groups within each of these two classes. All published loss estimates were rounded to the nearest 100 head where possible. State estimates of less than 100 head are rarely published, but are included in U.S. totals. Throughout the report, a blank entry indicates that some deaths were reported for that category but the number is less than 50 head. A zero indicates no deaths were reported for that category. This does not imply that there were no deaths, simply that none were reported for this survey. The sample used for this report was not specifically selected to derive the breakdowns within. However, the estimates in this report should be a good indication of where the death losses occur and which classes and/or size groups are most impacted from the various death loss causes. States were combined into regions when sampling variability did not permit individual State data to be released.

Reliability

Since all cattle operators are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these non-sampling errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

Terms and Definitions

Cause of Loss

Digestive

Problems: Includes bloat, scours, parasites, etc.

Poison: Includes nitrate poisoning and noxious feeds or weeds.

Respiratory

Problems: Includes shipping fever, pneumonia, etc.

Class

Beef Cattle: On individual questionnaires, if beef cows were greater than milk cows and milk cows were less than 5 head, the operation was classified in this report as a beef cattle operation.

Cattle: Includes all cows, bulls, steers, and heifers weighing over 500 pounds. This includes beef and milk breeds as well as cattle on feed.

Calves: Beef and milk breed steers, heifers, and bulls weighing less than 500 pounds.

Dairy Cattle: On individual questionnaires, if milk cows were greater than beef cows and beef cows were less than 5 head, the operation was classified in this report as a dairy cattle operation.

Mixed(class): On individual questionnaires, if beef cows were greater than 5 head and milk cows were greater than 5 head, the operation was classified in this report as a mixed operation.

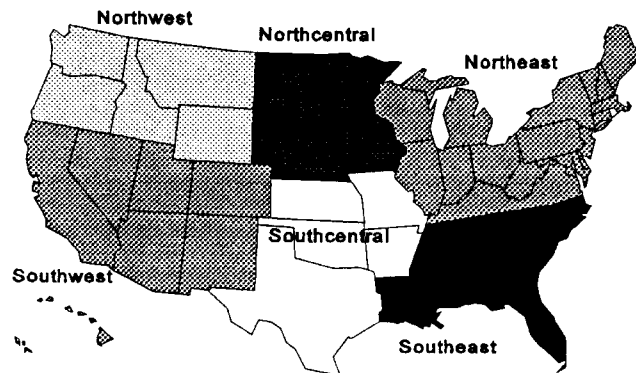
Other (class): On individual questionnaires, if an operation did not meet the criteria for a beef cattle, dairy cattle, or mixed operation, the operation was classified in this report as other.

Unspecified: For 1995 summarized data, the percent of total losses for beef, dairy, mixed, and other did not add to 100 percent due to such situations as a small number of reports or otherwise undeterminable. In these cases, the percent needed to sum to 100 was categorized as unspecified.

Regions

Northcentral -	Iowa Minnesota Nebraska	North Dakota South Dakota	
Northeast -	Connecticut Delaware Illinois Indiana Kentucky Maine Massachusetts	Michigan New Hampshire New Jersey New York Maryland Ohio	Pennsylvania Rhode Island Vermont Virginia West Virginia Wisconsin
Northwest -	Idaho Montana Oregon	Washington Wyoming	
Southcentral -	Arkansas Kansas Missouri	Oklahoma Texas	
Southeast -	Alabama Florida Georgia Louisiana	Mississippi North Carolina South Carolina Tennessee	
Southwest -	Arizona California Colorado Hawaii	Nevada New Mexico Utah	

Regions Used for Cattle & Calf Death Loss Analyses



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