

Losses of Sheep and Lambs Combined, by Cause: Utah, 2004-2009 ^{1 3}						
Cause of Loss	2004	2005	2006	2007	2008	2009
Number of Head						
Bear	2,300	2,000	1,000	3,900	2,700	4,000
Bobcat	NA	500	NA	600	NA	NA
Coyote	18,800	13,400	17,400	16,400	18,600	16,700
Dog	800	900	1,200	1,300	1,600	1,000
Fox	800	900	800	600	500	500
Mountain Lion	4,500	3,300	4,000	3,300	3,600	2,500
Wolves	NA	NA	NA	NA	NA	NA
Eagle	2,300	1,200	1,100	1,000	900	1,200
Other/Unknown	800	600	700	2,200	900	1,500
Total Predators	30,300	22,800	27,600	29,300	28,800	27,400
Diseases	1,200	2,400	1,900	2,100	1,500	3,000
Enterotoxaemia ²	NA	1,100	1,000	700	1,400	NA
Weather Conditions	3,700	5,300	3,400	3,300	5,700	3,600
Lambing Complications	2,400	4,500	3,000	1,800	1,100	2,900
Old Age	1,200	2,000	2,200	2,400	1,300	1,800
On Back	NA	NA	NA	NA	NA	NA
Poison	800	1,000	2,100	1,100	600	1,500
Theft	NA	NA	NA	900	NA	500
Other/Unknown	9,200	4,900	4,800	2,900	2,600	6,000
Total Non-Predators	18,500	21,200	18,400	15,200	14,200	19,300
Total Losses	48,800	44,000	46,000	44,500	43,000	46,700

Percent of Total by Cause						
Bear	4.7	4.5	2.2	8.8	6.3	8.6
Bobcat	NA	1.1	NA	1.3	NA	NA
Coyote	38.5	30.5	37.8	36.9	43.3	35.7
Dog	1.6	2.0	2.6	2.9	3.7	2.1
Fox	1.6	2.0	1.7	1.3	1.2	1.1
Mountain Lion	9.2	7.5	8.7	7.4	8.4	5.4
Wolves	NA	NA	NA	NA	NA	NA
Eagle	4.7	2.7	2.4	2.2	2.1	2.6
Other/Unknown	1.6	1.4	1.5	4.9	2.1	3.2
Total Predators	62.1	51.8	60.0	65.8	67.0	58.7
Diseases	2.5	5.5	4.1	4.7	3.5	6.4
Enterotoxaemia ²	NA	2.5	2.2	1.6	3.3	NA
Weather Conditions	7.6	12.0	7.4	7.4	13.3	7.7
Lambing Complications	4.9	10.2	6.5	4.0	2.6	6.2
Old Age	2.5	4.5	4.8	5.4	3.0	3.9
On Back	NA	NA	NA	NA	NA	NA
Poison	1.6	2.3	4.6	2.5	1.4	3.2
Theft	NA	NA	NA	2.0	NA	1.1
Other/Unknown	18.9	11.1	10.4	6.5	6.0	12.8
Total Non-Predators	37.9	48.2	40.0	34.2	33.0	41.3
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0

Dollar Value of Losses by Cause (000)						
Bear	182	180	236	335	246	326
Bobcat	NA	41	NA	44	NA	NA
Coyote	1,312	1,075	1,274	1,144	1,462	1,317
Dog	67	84	99	121	146	86
Fox	46	67	47	35	31	30
Mountain Lion	351	274	350	265	301	210
Wolves	NA	NA	NA	NA	NA	NA
Eagle	133	78	65	59	55	72
Other/Unknown	60	48	60	139	71	125
Total Predators	2,152	1,846	2,131	2,142	2,312	2,166
Diseases	104	215	178	203	148	266
Enterotoxaemia ²	NA	97	87	50	150	NA
Weather Conditions	221	404	267	239	405	233
Lambing Complications	181	377	272	176	116	260
Old Age	153	296	338	352	185	262
On Back	NA	NA	NA	NA	NA	NA
Poison	81	98	266	109	61	176
Theft	NA	NA	NA	106	NA	56
Other/Unknown	700	453	406	215	224	497
Total Non-Predators	1,441	1,940	1,814	1,449	1,289	1,750
Total Losses	3,592	3,786	3,946	3,591	3,601	3,916

¹ Lamb losses include both before and after docking losses.

² Enterotoxaemia first published in 2003.

³ NA are less than 500 head and are included in Other/Unknown.

Cooperation: Data were collected in conjunction with the National Agricultural Statistics Service January 1 Sheep Report. Utah Department of Agriculture and Food provided funding for the "Loss by Cause" portion of the survey.



United States Department of Agriculture

Sheep and Lamb Losses by Cause

National
Agricultural
Statistics
Service

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Utah farmers and ranchers lost 46,700 sheep and lambs to all causes in 2009. This was valued at \$3.916 million. **Lambs lost before docking** totaled 17,700, **lambs lost after docking** totaled 16,000 and **sheep one year old and older** lost totaled 13,000. Coyotes accounted for 29.9 percent of all lambs lost before docking, at 5,300 head. This accounted for the largest single cause of death in lambs before docking. Coyotes also accounted for the largest number of lambs lost after docking at 7,700, 48.1 percent of the after docking loss. **Sheep one year old and older** losses to coyotes, at 3,700, was the single largest cause, accounting for 28.5 percent. Total losses to coyotes equaled 16,700 head, which was 35.8 percent of all losses to sheep and lambs in the state.

Losses of Lambs Before Docking: Utah 2004-2009 ²						
Cause of Loss	2004	2005	2006	2007	2008	2009
Number of Head						
Bear	NA	NA	NA	600	NA	500
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	6,100	4,300	6,500	5,800	6,300	5,300
Dog	NA	NA	600	NA	500	NA
Fox	NA	500	500	NA	NA	NA
Mountain Lion	600	600	600	500	500	700
Wolves	NA	NA	NA	NA	NA	NA
Eagle	2,200	1,100	800	900	800	800
Other/Unknown	900	900	400	2,900	1,200	1,100
Total Predators	9,800	7,400	9,400	10,700	9,300	8,400
Diseases	500	1,200	500	600	NA	1,500
Enterotoxaemia ¹	NA	NA	NA	NA	NA	NA
Weather conditions	3,300	3,800	2,000	1,900	4,100	3,000
Lambing Complications	1,800	3,500	2,000	1,000	500	1,900
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	NA	NA	NA	NA	NA	NA
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	4,400	2,100	1,100	1,300	1,100	2,900
Total Non-Predators	10,000	10,600	5,600	4,800	5,700	9,300
TOTAL LOSSES	19,800	18,000	15,000	15,500	15,000	17,700

¹ Enterotoxaemia first published in 2003.

² NA are less than 500 head and are included in Other/Unknown.

Losses of Lambs After Docking: Utah 2004-2009 ²						
Cause of Loss	2004	2005	2006	2007	2008	2009
Number of Head						
Bear	1,500	1,200	1,300	2,100	1,400	2,500
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	9,500	6,700	8,300	8,600	8,300	7,700
Dog	NA	NA	NA	600	500	600
Fox	NA	NA	NA	NA	NA	NA
Mountain Lion	2,600	2,000	2,200	2,000	2,100	1,100
Wolves	NA	NA	NA	NA	NA	NA
Eagle	NA	NA	NA	NA	NA	NA
Other/Unknown	1,200	1,200	1,100	600	400	1,000
Total Predators	14,800	11,100	12,900	13,900	12,700	12,900
Diseases	NA	500	700	600	NA	500
Enterotoxaemia ¹	NA	500	500	500	600	NA
Weather conditions	NA	800	700	900	900	NA
Lambing Complications	NA	NA	NA	NA	NA	NA
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	NA	500	500	500	NA	NA
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	3,200	1,600	2,700	1,600	1,800	2,600
Total Non-Predators	3,200	3,900	5,100	4,100	3,300	3,100
TOTAL LOSSES	18,000	15,000	18,000	18,000	16,000	16,000

¹ Enterotoxaemia first published in 2003.

² NA are less than 500 head and are included in Other/Unknown.

Losses of All Lambs by Cause: Utah, 2004-2009 ^{1 3}						
Cause of Loss	2004	2005	2006	2007	2008	2009
Number of Head						
Bear	1,600	1,400	1,400	2,700	1,700	3,000
Bobcat	NA	NA	NA	500	NA	NA
Coyote	15,600	11,000	14,800	14,400	14,600	13,000
Dog	500	600	900	800	1,000	700
Fox	800	800	800	600	500	500
Mountain Lion	3,200	2,600	2,800	2,500	2,600	1,800
Wolves	NA	NA	NA	NA	NA	NA
Eagle	2,300	1,200	1,100	1,000	900	1,200
Other/Unknown	600	900	500	2,100	700	1,100
Total Predators	24,600	18,500	22,300	24,600	22,000	21,300
Diseases	700	1,700	1,200	1,200	800	2,000
Enterotoxaemia ²	NA	800	700	600	600	NA
Weather Conditions	3,600	4,600	2,700	2,800	5,000	3,400
Lambing Complications	1,800	3,500	2,000	1,000	500	1,900
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	NA	600	600	600	NA	500
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	7,100	3,300	3,500	2,700	2,100	4,600
Total Non-Predators	13,200	14,500	10,700	8,900	9,000	12,400
Total Losses	37,800	33,000	33,000	33,500	31,000	33,700

Percent of Total by Cause						
Bear	4.2	4.2	4.2	8.1	5.5	8.9
Bobcat	NA	NA	NA	1.5	NA	NA
Coyote	41.3	33.3	44.8	43.0	47.1	38.6
Dog	1.3	1.8	2.7	2.4	3.2	2.1
Fox	2.1	2.4	2.4	1.8	1.6	1.5
Mountain Lion	8.5	7.9	8.5	7.5	8.4	5.3
Wolves	NA	NA	NA	NA	NA	NA
Eagle	6.1	3.6	3.3	3.0	2.9	3.6
Other/Unknown	1.6	2.7	1.5	6.3	2.3	3.3
Total Predators	65.1	56.1	67.6	73.4	71.0	63.2
Diseases	1.9	5.2	3.6	3.6	2.6	5.9
Enterotoxaemia ²	NA	2.4	2.1	1.8	1.9	NA
Weather Conditions	9.5	13.9	8.2	8.4	16.1	10.1
Lambing Complications	4.8	10.6	6.1	3.0	1.6	5.6
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	NA	1.8	1.8	1.8	NA	1.5
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	18.8	10.0	10.6	8.1	6.8	13.6
Total Non-Predators	34.9	43.9	32.4	26.6	29.0	36.8
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0

Dollar Value of Losses by Cause (000)						
Bear	93	92	83	160	104	180
Bobcat	NA	NA	NA	30	NA	NA
Coyote	903	719	875	851	893	779
Dog	29	39	53	47	61	42
Fox	46	52	47	35	31	30
Mountain Lion	185	170	165	148	159	108
Wolves	NA	NA	NA	NA	NA	NA
Eagle	133	78	65	59	55	72
Other/Unknown	35	59	30	124	43	66
Total Predators	1,424	1,210	1,318	1,454	1,346	1,277
Diseases	41	111	71	71	49	120
Enterotoxaemia ²	NA	52	41	35	37	NA
Weather Conditions	208	301	160	165	306	204
Lambing Complications	104	229	118	59	31	114
Old Age	NA	NA	NA	NA	NA	NA
On Back	NA	NA	NA	NA	NA	NA
Poison	NA	39	35	35	NA	30
Theft	NA	NA	NA	NA	NA	NA
Other/Unknown	411	216	207	160	128	276
Total Non-Predators	764	948	632	526	551	744
Total Losses	2,189	2,158	1,950	1,980	1,897	2,021

¹ Lamb losses include both before and after docking losses.

² Enterotoxaemia first published in 2003.

³ NA are less than 500 head and are included in Other/Unknown.

Losses of Sheep by Cause: Utah, 2004-2009 ²						
Cause of Loss	2004	2005	2006	2007	2008	2009
Number of Head						
Bear	700	600	2,400	1,200	1,000	1,000
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	3,200	2,400	2,600	2,000	4,000	3,700
Dog	NA	NA	NA	500	600	NA
Fox	NA	NA	NA	NA	NA	NA
Mountain Lion	1,300	700	1,200	800	1,000	700
Wolves	NA	NA	NA	NA	NA	NA
Eagle	NA	NA	NA	NA	NA	NA
Other/Unknown	500	600	500	200	200	700
Total Predators	5,700	4,300	5,300	4,700	6,800	6,100
Diseases	500	700	700	900	700	1,000
Enterotoxaemia ¹	NA	NA	NA	NA	800	NA
Weather Conditions	NA	700	700	500	700	NA
Lambing Complications	600	1,000	1,000	800	600	1,000
Old Age	1,200	2,000	2,200	2,400	1,300	1,800
On Back	NA	NA	NA	NA	NA	NA
Poison	500	NA	1,500	500	NA	1,000
Theft	NA	NA	NA	600	NA	NA
Other/Unknown	2,500	2,300	1,600	600	1,100	2,100
Total Non-Predators	5,300	6,700	7,700	6,300	5,200	6,900
Total Losses	11,000	11,000	13,000	11,000	12,000	13,000

Percent of Total by Cause						
Bear	6.4	5.5	18.5	10.9	8.3	7.7
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	29.1	21.8	20.0	18.2	33.3	28.5
Dog	NA	NA	NA	4.5	5.0	NA
Fox	NA	NA	NA	NA	NA	NA
Mountain Lion	11.8	6.4	9.2	7.3	8.3	5.4
Wolves	NA	NA	NA	NA	NA	NA
Eagle	NA	NA	NA	NA	NA	NA
Other/Unknown	4.5	5.5	3.8	1.8	1.7	5.4
Total Predators	51.8	39.1	40.8	42.7	56.7	47.0
Diseases	4.5	6.4	5.4	8.2	5.8	7.7
Enterotoxaemia ¹	NA	NA	NA	NA	6.7	NA
Weather Conditions	NA	6.4	5.4	4.5	5.8	NA
Lambing Complications	5.5	9.1	7.7	7.3	5.0	7.7
Old Age	10.9	18.2	16.9	21.8	10.8	13.8
On Back	NA	NA	NA	NA	NA	NA
Poison	4.5	NA	11.5	4.5	NA	7.7
Theft	NA	NA	NA	5.5	NA	NA
Other/Unknown	22.7	20.9	12.3	5.5	9.2	16.1
Total Non-Predators	48.2	60.9	59.2	57.3	43.3	53.0
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0

Dollar Value of Losses by Cause (000)						
Bear	89	89	154	176	142	146
Bobcat	NA	NA	NA	NA	NA	NA
Coyote	408	355	399	293	568	538
Dog	NA	NA	NA	73	85	NA
Fox	NA	NA	NA	NA	NA	NA
Mountain Lion	166	104	184	117	142	102
Wolves	NA	NA	NA	NA	NA	NA
Eagle	NA	NA	NA	NA	NA	NA
Other/Unknown	64	89	76	30	28	103
Total Predators	727	636	814	689	966	889
Diseases	64	104	107	132	99	146
Enterotoxaemia ¹	NA	NA	NA	NA	114	NA
Weather Conditions	NA	104	107	73	99	NA
Lambing Complications	77	148	154	117	85	146
Old Age	153	296	338	352	185	262
On Back	NA	NA	NA	NA	NA	NA
Poison	64	NA	230	73	NA	146
Theft	NA	NA	NA	88	NA	NA
Other/Unknown	320	339	246	88	156	306
Total Non-Predators	676	992	1,182	923	738	1,006
Total Losses	1,404	1,628	1,996	1,612	1,704	1,895

¹ Enterotoxaemia first published in 2003.

² NA are less than 500 head and are included in Other/Unknown.