



# Cattle Losses to All Causes 2011

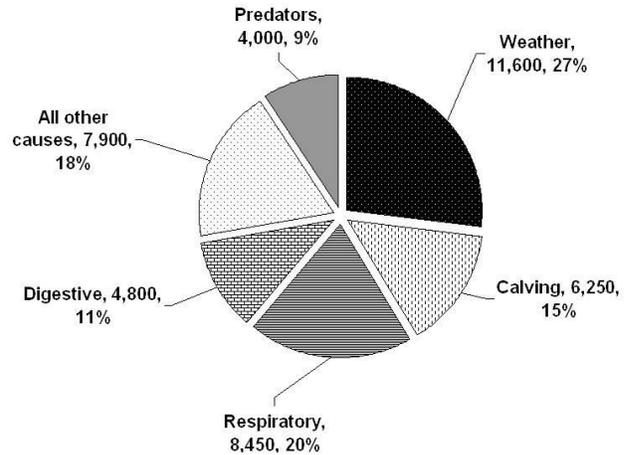
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Dear Wyoming Agriculturalist,

Wyoming cattle producers lost an estimated 43,000 head of cattle and calves to many causes in 2011, including weather, calving, respiratory diseases and predators. The data for these estimates is collected in conjunction with our annual January Cattle Survey. Total losses were up 2,000 head from 2010, mainly due to the hands of Old Man Winter. Death loss as a percentage of Wyoming's total cattle and calves inventory was 3 percent, unchanged from 2010. Predators accounted for 9 percent of combined cattle and calf loss, while weather was the biggest contributor to loss at 27 percent. The total value of all losses to all causes was estimated at \$29.0 million.

Thank you to all Wyoming ranchers and farmers for their participation in the survey and to the Wyoming Animal Damage Management Board for providing funding. If you have any question about this report please call us toll-free at 1-800-892-1660.

## Losses of Cattle and Calves by Cause Wyoming 2011



### Losses of Cattle and Calves by Cause and Total Inventory on January 1: Wyoming, 2009-2011 1/

Cause of Loss	Cattle			Calves			Cattle and Calves		
	2009	2010	2011	2009	2010	2011	2009	2010	2011
	Head	Head	Head	Head	Head	Head	Head	Head	Head
Grizzly Bears	50	50	50	250	250	200	300	300	250
Black Bears	—	50	2/	2/	50	100	2/	100	100
Coyotes	150	100	100	1,850	1,900	1,900	2,000	2,000	2,000
Dogs	2/	2/	2/	2/	100	50	2/	100	50
Foxes	—	—	—	2/	2/	2/	2/	2/	2/
Eagles	—	—	—	50	50	50	50	50	50
Mountain Lions	50	50	150	250	450	400	300	500	550
Wolves	150	100	100	350	600	600	500	700	700
Other Predators	50	50	100	50	100	200	100	150	300
<b>Total Predators</b>	<b>450</b>	<b>400</b>	<b>500</b>	<b>2,800</b>	<b>3,500</b>	<b>3,500</b>	<b>3,250</b>	<b>3,900</b>	<b>4,000</b>
Old Age	1,750	3/	1,600	—	—	—	1,750	3/	1,600
Lameness/Injury	500	450	800	150	100	100	650	550	900
Digestive Problems	900	750	950	2,850	3,000	3,850	3,750	3,750	4,800
Respiratory Problems	1,800	1,700	1,800	4,400	5,650	6,650	6,200	7,350	8,450
Metabolic Problems	200	200	200	100	50	150	300	250	350
Other Disease	650	850	450	600	1,250	450	1,250	2,100	900
Weather Related	3,400	2,100	2,650	21,200	8,700	8,950	24,600	10,800	11,600
Calving	1,000	950	800	5,350	7,100	5,450	6,350	8,050	6,250
Poisoning	1,100	1,050	900	300	150	300	1,400	1,200	1,200
Theft	300	150	450	250	100	200	550	250	650
Other Non-Predators	950	2,400	900	1,000	400	1,400	1,950	2,800	2,300
<b>Total Non-Predators</b>	<b>12,550</b>	<b>10,600</b>	<b>11,500</b>	<b>36,200</b>	<b>26,500</b>	<b>27,500</b>	<b>48,750</b>	<b>37,100</b>	<b>39,000</b>
<b>Total Loss All Causes</b>	<b>13,000</b>	<b>11,000</b>	<b>12,000</b>	<b>39,000</b>	<b>30,000</b>	<b>31,000</b>	<b>52,000</b>	<b>41,000</b>	<b>43,000</b>
<b>Total Inventory</b>	<b>1,210,000</b>	<b>1,205,000</b>	<b>1,250,000</b>	<b>110,000</b>	<b>95,000</b>	<b>110,000</b>	<b>1,320,000</b>	<b>1,300,000</b>	<b>1,360,000</b>

1/Differences in percents from US Cattle and Calf Death Loss Release, available online, are due to differences in rounding and assessments of unknown death loss.

2/Less than 50 and included in Other Predators or Other Non-Predators

3/Losses due to Old Age included in Other Non-Predators

**Value of Losses of Cattle and Calves: Wyoming 2009-2011 1/**

Cause of Loss	Cattle			Calves			Cattle and Calves		
	2009	2010	2011	2009	2010	2011	2009	2010	2011
	Dollars								
Grizzly Bears	48,300	54,700	65,600	82,500	87,800	85,200	130,800	142,500	150,800
Black Bears	—	54,700	—	2/	17,600	42,600	2/	72,300	42,600
Coyotes	144,900	109,400	131,200	610,500	666,900	809,400	755,400	776,300	940,600
Dogs	2/	2/	2/	2/	35,100	21,300	2/	35,100	21,300
Foxes	—	—	—	2/	3/	3/	2/	3/	3/
Eagles	—	—	—	16,500	17,600	21,300	16,500	17,600	21,300
Mountain Lions	48,300	54,700	196,800	82,500	158,000	170,400	130,800	212,700	367,200
Wolves	144,900	109,400	131,200	115,500	210,600	255,600	260,400	320,000	368,800
Other Predators	48,300	54,700	131,200	16,500	35,100	85,200	64,800	89,800	216,400
<b>Total Predators</b>	<b>434,700</b>	<b>437,600</b>	<b>656,000</b>	<b>924,000</b>	<b>1,228,700</b>	<b>1,491,000</b>	<b>1,358,700</b>	<b>1,666,300</b>	<b>2,147,000</b>
Old Age	1,690,500	2/	2,099,200	—	—	—	1,690,500	2/	2,099,200
Lameness/Injury	483,000	492,300	1,049,600	49,500	35,100	42,600	532,500	527,400	1,092,200
Digestive Problems	869,400	820,500	1,246,400	940,500	1,053,000	1,640,100	1,809,900	1,873,500	2,886,500
Respiratory Problems	1,738,800	1,859,800	2,361,600	1,452,000	1,983,200	2,832,900	3,190,800	3,843,000	5,194,500
Metabolic Problems	193,200	218,800	262,400	33,000	17,600	63,900	226,200	236,400	326,300
Other Disease	627,900	929,900	590,400	198,000	438,800	191,700	825,900	1,368,700	782,100
Weather Related	3,284,400	2,297,400	3,476,800	6,996,000	3,053,700	3,812,700	10,280,400	5,351,100	7,289,500
Calving	966,000	1,039,300	1,049,600	1,765,500	2,492,100	2,321,700	2,731,500	3,531,400	3,371,300
Poisoning	1,062,600	1,148,700	1,180,800	99,000	52,700	127,800	1,161,600	1,201,400	1,308,600
Theft	289,800	164,100	590,400	82,500	35,100	85,200	372,300	199,200	675,600
Other Non-Predator	917,700	2,625,600	1,180,800	330,000	140,400	596,400	1,247,700	2,766,000	1,777,200
<b>Total Non-Predators</b>	<b>12,123,300</b>	<b>11,596,400</b>	<b>15,088,000</b>	<b>11,946,000</b>	<b>9,301,700</b>	<b>11,715,000</b>	<b>24,069,300</b>	<b>20,898,100</b>	<b>26,803,000</b>
<b>Total Loss All Causes</b>	<b>12,558,000</b>	<b>12,034,000</b>	<b>15,744,000</b>	<b>12,870,000</b>	<b>10,530,400</b>	<b>13,206,000</b>	<b>25,428,000</b>	<b>22,564,400</b>	<b>28,950,000</b>

1/Cattle value is based on the average value per head of beef cows from our annual January 1 Cattle Survey. The average value used for 2009 was \$966; the average value used for 2010 was \$1,094; the average value used for 2011 was \$1,312. Calf value per head is based on market year average calf price per cwt and converted to a per head price using 300 pounds. The average calf value used for 2009 was \$330; the average value for 2010 was \$351; the average value for 2011 was \$426

2/Value included in Other Predators

3/No value calculated due to losses less than 50

**Losses of Cattle and Calves: Total by Cause within each Agricultural Statistics District, Wyoming 2011**

Cause of Loss	Agricultural Statistics District					
	North West	North East	West	South Central	South East	State 1/
	Head					
Grizzly Bears	100	2/	150	—	—	250
Black Bears	50	—	50	2/	2/	100
Coyotes	400	200	150	550	700	2,000
Dogs	50	—	—	2/	—	50
Foxes	2/	—	—	—	—	—
Eagles	—	50	—	—	—	50
Mountain Lions	50	150	50	150	150	550
Wolves	300	—	300	100	—	700
Other Predators	—	2/	150	—	150	300
<b>Total Predators</b>	<b>950</b>	<b>400</b>	<b>850</b>	<b>800</b>	<b>1,000</b>	<b>4,000</b>
Old Age	300	300	200	450	350	1,600
Lameness/Injury	150	150	250	150	200	900
Digestive Problems	950	1,000	850	850	1,150	4,800
Respiratory Problems	1,950	1,750	1,250	1,350	2,150	8,450
Metabolic Problems	50	100	50	50	100	350
Other Disease	150	100	200	100	350	900
Weather Related	2,600	2,650	2,250	1,750	2,350	11,600
Calving	1,050	1,550	900	900	1,850	6,250
Poisoning	400	150	100	400	150	1,200
Theft	200	100	50	150	150	650
All Other Non-Predator	300	950	350	450	250	2,300
<b>Total Non-Predators</b>	<b>8,100</b>	<b>8,800</b>	<b>6,450</b>	<b>6,600</b>	<b>9,050</b>	<b>39,000</b>
<b>Total Loss All Causes</b>	<b>9,050</b>	<b>9,200</b>	<b>7,300</b>	<b>7,400</b>	<b>10,050</b>	<b>43,000</b>

1/May not add due to rounding

2/Loss less than 50 and included in Other Predators or Other Non-Predators

3/Losses due to Old Age included in Other Non-Predators