



ISSN: 1948-9099

Released January 28, 2011, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

January 1 Cattle Inventory Down 1 Percent

All cattle and calves in the United States as of January 1, 2011, totaled 92.6 million head, 1 percent below the 93.9 million on January 1, 2010. This is the lowest January 1 inventory of all cattle and calves since the 91.2 million on hand in 1958.

All cows and heifers that have calved, at 40.0 million, were down 1 percent from the 40.5 million on January 1, 2010.

- Beef cows, at 30.9 million, were down 2 percent from January 1, 2010.
- Milk cows, at 9.1 million, were up 1 percent from January 1, 2010.

Other class estimates on January 1, 2011, and the change from January 1, 2010, are as follows:

- All heifers 500 pounds and over, 19.5 million, down 1 percent.
- Beef replacement heifers, 5.2 million, down 5 percent.
- Milk replacement heifers, 4.6 million, up 1 percent.
- Other heifers, 9.8 million, up 1 percent.
- Steers weighing 500 pounds and over, 16.4 million, down 1 percent.
- Bulls weighing 500 pounds and over, 2.2 million, down 2 percent.
- Calves under 500 pounds, 14.5 million, down 3 percent.
- Cattle and calves on feed for slaughter in all feedlots, 14.0 million, up 3 percent.
- The combined total of calves under 500 pounds, and other heifers and steers over 500 pounds outside of feedlots was 26.7 million, down 3 percent.

Calf Crop Down 1 Percent

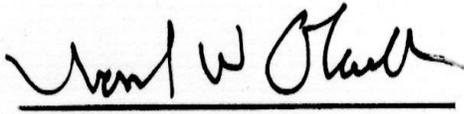
The 2010 calf crop was estimated at 35.7 million head, down 1 percent from 2009. This is the smallest calf crop since the 34.9 million born during 1950. Calves born during the first half of 2010 are estimated at 25.9 million, down 1 percent from 2009.

Revisions

All inventory and calf crop estimates for July 1, 2009, January 1, 2010, and July 1, 2010 were reviewed using calf crop, official slaughter, import and export data, and the relationship of new survey information to the prior surveys. Based on the findings of this review, small adjustments of less than one-half percent were made to previously released inventory estimates by class and calf crop.

State level estimates were reviewed and changes were made to reallocate inventory and calf crop estimates to the United States total.

This report was approved on January 28, 2011.



Acting Secretary of
Agriculture
Joseph W. Glauber



Agricultural Statistics Board
Chairperson
Hubert Hamer

Contents

Cattle Inventory by Class and Calf Crop – United States: January 1, 2010 and 2011	4
Cattle Inventory – United States: January 1.....	4
Cattle Inventory by Class – States and United States: January 1, 2010 and 2011	5
Cattle Inventory by Class – States and United States: January 1, 2010 and 2011 (continued).....	6
Cattle Inventory by Class – States and United States: January 1, 2010 and 2011 (continued).....	7
Cattle Inventory by Class – States and United States: January 1, 2010 and 2011 (continued).....	8
Calf Crop – States and United States: 2009 and 2010	9
Total Number of Cattle on Feed – States and United States: January 1, 2010 and 2011.....	10
Number of Cattle Grazing on Small Grain Pasture – 3-State Total: January 1, 2010 and 2011.....	11
Cattle Inventory by Class and Calf Crop – United States: July 1, 2009 and 2010.....	11
Calf Crop and Percent of Total by Six Month Period – United States: 2009 and 2010.....	11
Statistical Methodology	12
Statistical Methodology	13
Reliability of January 1 Cattle Estimates	13
Information Contacts	13

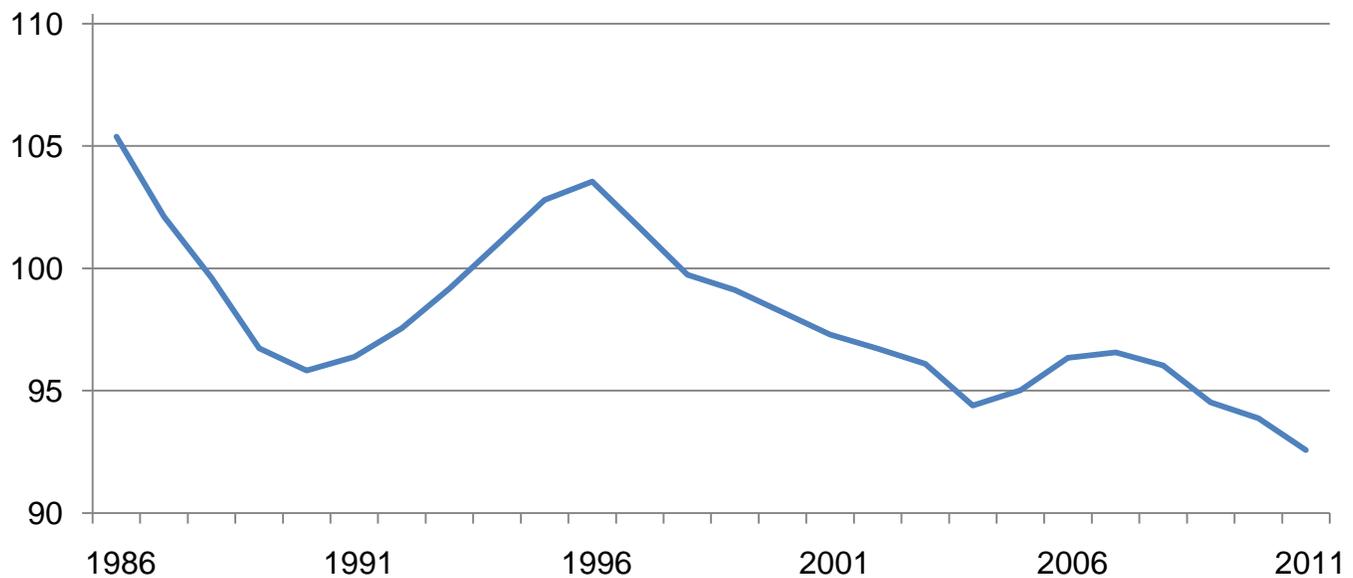
Cattle Inventory by Class and Calf Crop – United States: January 1, 2010 and 2011

Class	2010	2011	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
Cattle and calves	93,881.2	92,582.4	99
Cows and heifers that have calved	40,456.4	40,014.2	99
Beef cows	31,370.9	30,864.6	98
Milk cows	9,085.5	9,149.6	101
Heifers 500 pounds and over	19,745.8	19,532.8	99
For beef cow replacement	5,451.0	5,157.6	95
Expected to calve ¹	3,410.5	3,165.0	93
For milk cow replacement	4,526.2	4,557.2	101
Expected to calve ¹	2,954.1	3,039.3	103
Other heifers	9,768.6	9,818.0	101
Steers 500 pounds and over	16,510.4	16,382.0	99
Bulls 500 pounds and over	2,190.1	2,153.1	98
Calves under 500 pounds	14,978.5	14,500.3	97
Cattle on feed	13,642.2	14,022.9	103
	2009	2010	Percent of previous year
Calf crop	35,939.0	35,684.8	99

¹ Replacement heifers expected to calve during the year.

Cattle Inventory – United States: January 1

Million head



Cattle Inventory by Class – States and United States: January 1, 2010 and 2011

State	All cattle and calves			All cows that have calved		
	2010	2011	Percent of previous year	2010	2011	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Alabama	1,280.0	1,230.0	96	680.0	670.0	99
Alaska	14.5	13.5	93	6.0	5.6	93
Arizona	930.0	870.0	94	375.0	365.0	97
Arkansas	1,910.0	1,720.0	90	950.0	940.0	99
California	5,150.0	5,150.0	100	2,370.0	2,350.0	99
Colorado	2,600.0	2,650.0	102	830.0	850.0	102
Connecticut	48.0	49.0	102	24.0	23.0	96
Delaware	20.0	18.0	90	10.0	8.5	85
Florida	1,720.0	1,630.0	95	1,070.0	1,040.0	97
Georgia	1,060.0	1,020.0	96	600.0	580.0	97
Hawaii	151.0	141.0	93	83.0	81.0	98
Idaho	2,170.0	2,200.0	101	990.0	1,020.0	103
Illinois	1,170.0	1,100.0	94	490.0	450.0	92
Indiana	870.0	850.0	98	390.0	385.0	99
Iowa	3,850.0	3,900.0	101	1,100.0	1,050.0	95
Kansas	6,000.0	6,300.0	105	1,550.0	1,600.0	103
Kentucky	2,300.0	2,190.0	95	1,150.0	1,100.0	96
Louisiana	840.0	790.0	94	520.0	480.0	92
Maine	87.0	90.0	103	44.0	45.0	102
Maryland	195.0	195.0	100	95.0	95.0	100
Massachusetts	43.0	40.0	93	21.0	19.0	90
Michigan	1,100.0	1,090.0	99	450.0	460.0	102
Minnesota	2,420.0	2,380.0	98	850.0	830.0	98
Mississippi	980.0	900.0	92	520.0	510.0	98
Missouri	4,150.0	3,950.0	95	2,070.0	1,960.0	95
Montana	2,550.0	2,500.0	98	1,480.0	1,490.0	101
Nebraska	6,300.0	6,200.0	98	1,840.0	1,830.0	99
Nevada	450.0	460.0	102	265.0	265.0	100
New Hampshire	37.0	34.0	92	19.0	18.0	95
New Jersey	36.0	32.0	89	18.0	16.5	92
New Mexico	1,560.0	1,540.0	99	820.0	810.0	99
New York	1,410.0	1,400.0	99	700.0	700.0	100
North Carolina	820.0	780.0	95	410.0	395.0	96
North Dakota	1,720.0	1,700.0	99	890.0	900.0	101
Ohio	1,280.0	1,230.0	96	560.0	560.0	100
Oklahoma	5,500.0	5,100.0	93	2,130.0	2,090.0	98
Oregon	1,260.0	1,330.0	106	660.0	670.0	102
Pennsylvania	1,620.0	1,610.0	99	700.0	700.0	100
Rhode Island	4.7	4.9	104	2.4	2.6	108
South Carolina	380.0	385.0	101	200.0	200.0	100
South Dakota	3,800.0	3,700.0	97	1,710.0	1,700.0	99
Tennessee	2,040.0	1,990.0	98	1,050.0	1,040.0	99
Texas	13,300.0	13,300.0	100	5,550.0	5,450.0	98
Utah	810.0	800.0	99	420.0	420.0	100
Vermont	265.0	270.0	102	144.0	145.0	101
Virginia	1,550.0	1,540.0	99	760.0	770.0	101
Washington	1,040.0	1,090.0	105	470.0	485.0	103
West Virginia	370.0	370.0	100	200.0	210.0	105
Wisconsin	3,400.0	3,450.0	101	1,520.0	1,530.0	101
Wyoming	1,320.0	1,300.0	98	700.0	700.0	100
United States	93,881.2	92,582.4	99	40,456.4	40,014.2	99

--continued

Cattle Inventory by Class – States and United States: January 1, 2010 and 2011 (continued)

State	Beef cows that have calved			Milk cows that have calved		
	2010	2011	Percent of previous year	2010	2011	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Alabama	669.0	659.0	99	11.0	11.0	100
Alaska	5.4	5.1	94	0.6	0.5	83
Arizona	208.0	180.0	87	167.0	185.0	111
Arkansas	937.0	928.0	99	13.0	12.0	92
California	610.0	600.0	98	1,760.0	1,750.0	99
Colorado	714.0	727.0	102	116.0	123.0	106
Connecticut	5.5	4.0	73	18.5	19.0	103
Delaware	4.0	3.5	88	6.0	5.0	83
Florida	958.0	926.0	97	112.0	114.0	102
Georgia	522.0	502.0	96	78.0	78.0	100
Hawaii	81.2	79.0	97	1.8	2.0	111
Idaho	440.0	446.0	101	550.0	574.0	104
Illinois	389.0	352.0	90	101.0	98.0	97
Indiana	221.0	213.0	96	169.0	172.0	102
Iowa	885.0	840.0	95	215.0	210.0	98
Kansas	1,434.0	1,478.0	103	116.0	122.0	105
Kentucky	1,070.0	1,023.0	96	80.0	77.0	96
Louisiana	499.0	461.0	92	21.0	19.0	90
Maine	11.0	13.0	118	33.0	32.0	97
Maryland	41.0	42.0	102	54.0	53.0	98
Massachusetts	7.0	5.5	79	14.0	13.5	96
Michigan	96.0	99.0	103	354.0	361.0	102
Minnesota	380.0	360.0	95	470.0	470.0	100
Mississippi	503.0	495.0	98	17.0	15.0	88
Missouri	1,968.0	1,865.0	95	102.0	95.0	93
Montana	1,465.0	1,476.0	101	15.0	14.0	93
Nebraska	1,781.0	1,772.0	99	59.0	58.0	98
Nevada	237.0	237.0	100	28.0	28.0	100
New Hampshire	4.0	3.0	75	15.0	15.0	100
New Jersey	9.5	9.0	95	8.5	7.5	88
New Mexico	502.0	488.0	97	318.0	322.0	101
New York	90.0	90.0	100	610.0	610.0	100
North Carolina	367.0	351.0	96	43.0	44.0	102
North Dakota	869.0	880.0	101	21.0	20.0	95
Ohio	288.0	290.0	101	272.0	270.0	99
Oklahoma	2,073.0	2,036.0	98	57.0	54.0	95
Oregon	546.0	549.0	101	114.0	121.0	106
Pennsylvania	160.0	157.0	98	540.0	543.0	101
Rhode Island	1.3	1.5	115	1.1	1.1	100
South Carolina	183.0	184.0	101	17.0	16.0	94
South Dakota	1,618.0	1,610.0	100	92.0	90.0	98
Tennessee	997.0	990.0	99	53.0	50.0	94
Texas	5,140.0	5,025.0	98	410.0	425.0	104
Utah	336.0	333.0	99	84.0	87.0	104
Vermont	10.0	10.0	100	134.0	135.0	101
Virginia	665.0	675.0	102	95.0	95.0	100
Washington	227.0	233.0	103	243.0	252.0	104
West Virginia	190.0	200.0	105	10.0	10.0	100
Wisconsin	260.0	265.0	102	1,260.0	1,265.0	100
Wyoming	694.0	694.0	100	6.0	6.0	100
United States	31,370.9	30,864.6	98	9,085.5	9,149.6	101

--continued

Cattle Inventory by Class – States and United States: January 1, 2010 and 2011 (continued)

State	Heifers 500 pounds and over					
	Beef cow replacement		Milk cow replacement		Other	
	2010	2011	2010	2011	2010	2011
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Alabama	95.0	89.0	5.0	6.0	40.0	40.0
Alaska	1.7	1.7	0.2	0.2	0.1	0.2
Arizona	30.0	25.0	55.0	60.0	15.0	18.0
Arkansas	179.0	136.0	6.0	4.0	105.0	75.0
California	120.0	110.0	750.0	750.0	210.0	210.0
Colorado	120.0	120.0	70.0	75.0	500.0	510.0
Connecticut	1.5	2.0	9.0	9.5	0.5	0.5
Delaware	0.7	0.5	2.7	3.0	0.4	0.7
Florida	135.0	110.0	30.0	30.0	25.0	20.0
Georgia	68.0	66.0	25.0	23.0	39.0	40.0
Hawaii	12.0	11.0	1.0	1.0	6.0	5.0
Idaho	90.0	95.0	295.0	320.0	205.0	225.0
Illinois	53.0	47.0	52.0	46.0	125.0	117.0
Indiana	42.0	35.0	70.0	62.0	55.0	70.0
Iowa	130.0	120.0	130.0	130.0	640.0	740.0
Kansas	240.0	245.0	80.0	85.0	1,470.0	1,600.0
Kentucky	150.0	145.0	50.0	50.0	130.0	135.0
Louisiana	82.0	82.0	7.0	5.0	16.0	21.0
Maine	3.0	3.5	16.0	17.0	2.0	2.5
Maryland	9.0	10.0	28.0	28.0	6.0	7.0
Massachusetts	2.5	1.5	6.0	7.5	1.5	1.0
Michigan	27.0	27.0	158.0	148.0	50.0	50.0
Minnesota	95.0	90.0	295.0	290.0	180.0	190.0
Mississippi	92.0	71.0	7.0	7.0	42.0	25.0
Missouri	280.0	300.0	45.0	50.0	275.0	220.0
Montana	340.0	405.0	7.0	7.0	273.0	213.0
Nebraska	320.0	300.0	20.0	20.0	1,450.0	1,380.0
Nevada	35.0	37.0	10.0	10.0	28.0	31.0
New Hampshire	1.0	1.0	8.0	7.5	1.0	0.5
New Jersey	2.2	2.0	4.8	4.0	2.0	1.5
New Mexico	95.0	95.0	145.0	140.0	90.0	95.0
New York	33.0	38.0	325.0	330.0	52.0	32.0
North Carolina	69.0	64.0	19.0	20.0	24.0	28.0
North Dakota	165.0	185.0	10.0	10.0	220.0	225.0
Ohio	65.0	55.0	120.0	125.0	70.0	65.0
Oklahoma	405.0	355.0	25.0	20.0	550.0	520.0
Oregon	95.0	100.0	55.0	65.0	115.0	125.0
Pennsylvania	40.0	40.0	300.0	310.0	50.0	50.0
Rhode Island	0.4	0.4	0.5	0.5	0.1	0.1
South Carolina	36.0	36.0	8.0	7.0	13.0	14.0
South Dakota	285.0	280.0	35.0	25.0	640.0	575.0
Tennessee	170.0	150.0	35.0	35.0	70.0	80.0
Texas	760.0	630.0	250.0	230.0	1,540.0	1,600.0
Utah	66.0	56.0	48.0	42.0	51.0	57.0
Vermont	4.0	4.0	56.0	61.0	5.0	4.0
Virginia	110.0	90.0	50.0	49.0	65.0	61.0
Washington	54.0	53.0	123.0	122.0	93.0	105.0
West Virginia	37.0	33.0	4.0	5.0	23.0	18.0
Wisconsin	60.0	65.0	670.0	700.0	60.0	55.0
Wyoming	145.0	140.0	5.0	5.0	145.0	160.0
United States	5,451.0	5,157.6	4,526.2	4,557.2	9,768.6	9,818.0

--continued

Cattle Inventory by Class – States and United States: January 1, 2010 and 2011 (continued)

State	Steers 500 pounds and over		Bulls 500 pounds and over		Calves under 500 pounds	
	2010	2011	2010	2011	2010	2011
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Alabama	70.0	50.0	50.0	50.0	340.0	325.0
Alaska	0.6	0.7	2.0	2.1	3.9	3.0
Arizona	300.0	275.0	20.0	17.0	135.0	110.0
Arkansas	155.0	100.0	60.0	60.0	455.0	405.0
California	580.0	580.0	70.0	70.0	1,050.0	1,080.0
Colorado	860.0	910.0	45.0	50.0	175.0	135.0
Connecticut	2.3	2.4	0.7	0.6	10.0	11.0
Delaware	2.6	2.0	0.3	0.3	3.3	3.0
Florida	20.0	20.0	60.0	60.0	380.0	350.0
Georgia	39.0	39.0	29.0	27.0	260.0	245.0
Hawaii	8.0	8.0	5.0	5.0	36.0	30.0
Idaho	255.0	260.0	35.0	35.0	300.0	245.0
Illinois	210.0	230.0	25.0	25.0	215.0	185.0
Indiana	122.0	101.0	19.0	18.0	172.0	179.0
Iowa	1,330.0	1,350.0	60.0	60.0	460.0	450.0
Kansas	1,890.0	1,990.0	90.0	90.0	680.0	690.0
Kentucky	235.0	220.0	75.0	70.0	510.0	470.0
Louisiana	21.0	21.0	32.0	30.0	162.0	151.0
Maine	4.0	4.5	1.5	1.5	16.5	16.0
Maryland	18.0	15.0	4.0	4.0	35.0	36.0
Massachusetts	2.0	2.0	1.0	1.0	9.0	8.0
Michigan	200.0	190.0	15.0	15.0	200.0	200.0
Minnesota	445.0	470.0	35.0	35.0	520.0	475.0
Mississippi	55.0	48.0	39.0	39.0	225.0	200.0
Missouri	450.0	390.0	110.0	100.0	920.0	930.0
Montana	265.0	195.0	90.0	90.0	95.0	100.0
Nebraska	2,270.0	2,320.0	95.0	85.0	305.0	265.0
Nevada	37.0	40.0	15.0	15.0	60.0	62.0
New Hampshire	1.5	1.0	0.5	0.5	6.0	5.5
New Jersey	2.0	2.0	1.0	1.0	6.0	5.0
New Mexico	130.0	125.0	40.0	40.0	240.0	235.0
New York	39.0	37.0	16.0	18.0	245.0	245.0
North Carolina	36.0	31.0	32.0	32.0	230.0	210.0
North Dakota	275.0	255.0	60.0	55.0	100.0	70.0
Ohio	205.0	180.0	30.0	25.0	230.0	220.0
Oklahoma	1,240.0	1,030.0	150.0	135.0	1,000.0	950.0
Oregon	150.0	160.0	35.0	40.0	150.0	170.0
Pennsylvania	150.0	140.0	25.0	25.0	355.0	345.0
Rhode Island	0.4	0.4	0.1	0.1	0.8	0.8
South Carolina	17.0	17.0	16.0	16.0	90.0	95.0
South Dakota	760.0	750.0	85.0	85.0	285.0	285.0
Tennessee	137.0	130.0	78.0	75.0	500.0	480.0
Texas	2,530.0	2,710.0	370.0	380.0	2,300.0	2,300.0
Utah	100.0	93.0	22.0	22.0	103.0	110.0
Vermont	4.0	4.0	3.0	3.0	49.0	49.0
Virginia	175.0	160.0	40.0	40.0	350.0	370.0
Washington	144.0	160.0	18.0	20.0	138.0	145.0
West Virginia	33.0	33.0	15.0	15.0	58.0	56.0
Wisconsin	360.0	370.0	30.0	30.0	700.0	700.0
Wyoming	175.0	160.0	40.0	40.0	110.0	95.0
United States	16,510.4	16,382.0	2,190.1	2,153.1	14,978.5	14,500.3

Calf Crop – States and United States: 2009 and 2010

State	2009	2010	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
Alabama	590.0	580.0	98
Alaska	4.2	3.9	93
Arizona	295.0	270.0	92
Arkansas	820.0	800.0	98
California	1,990.0	1,980.0	99
Colorado	780.0	780.0	100
Connecticut	20.0	21.0	105
Delaware	7.5	6.0	80
Florida	900.0	870.0	97
Georgia	500.0	490.0	98
Hawaii	65.0	65.0	100
Idaho	940.0	990.0	105
Illinois	440.0	410.0	93
Indiana	335.0	340.0	101
Iowa	1,030.0	1,010.0	98
Kansas	1,390.0	1,420.0	102
Kentucky	1,030.0	1,000.0	97
Louisiana	400.0	360.0	90
Maine	32.0	35.0	109
Maryland	74.0	78.0	105
Massachusetts	20.0	18.0	90
Michigan	380.0	385.0	101
Minnesota	820.0	800.0	98
Mississippi	420.0	400.0	95
Missouri	1,900.0	1,850.0	97
Montana	1,480.0	1,490.0	101
Nebraska	1,690.0	1,660.0	98
Nevada	210.0	210.0	100
New Hampshire	13.5	14.5	107
New Jersey	13.5	12.0	89
New Mexico	620.0	620.0	100
New York	490.0	520.0	106
North Carolina	370.0	360.0	97
North Dakota	890.0	880.0	99
Ohio	470.0	450.0	96
Oklahoma	1,920.0	1,900.0	99
Oregon	620.0	620.0	100
Pennsylvania	610.0	600.0	98
Rhode Island	2.3	2.4	104
South Carolina	165.0	165.0	100
South Dakota	1,660.0	1,650.0	99
Tennessee	960.0	950.0	99
Texas	4,750.0	4,800.0	101
Utah	365.0	365.0	100
Vermont	122.0	124.0	102
Virginia	690.0	650.0	94
Washington	410.0	430.0	105
West Virginia	195.0	200.0	103
Wisconsin	1,370.0	1,390.0	101
Wyoming	670.0	660.0	99
United States	35,939.0	35,684.8	99

Total Number of Cattle on Feed – States and United States: January 1, 2010 and 2011

[Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better. Cattle and calves on feed are included in the cattle inventory estimates by classes]

State	2010	2011	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
Arizona	288.0	258.0	90
Arkansas	5.0	5.0	100
California	465.0	470.0	101
Colorado	1,020.0	1,100.0	108
Idaho	225.0	250.0	111
Illinois	170.0	160.0	94
Indiana	122.0	129.0	106
Iowa	1,360.0	1,380.0	101
Kansas	2,370.0	2,400.0	101
Kentucky	10.0	10.0	100
Maryland	12.0	10.0	83
Michigan	170.0	170.0	100
Minnesota	290.0	320.0	110
Missouri	60.0	50.0	83
Montana	26.0	30.0	115
Nebraska	2,500.0	2,550.0	102
Nevada	9.0	8.0	89
New York	30.0	25.0	83
North Dakota	90.0	60.0	67
Ohio	195.0	170.0	87
Oklahoma	370.0	380.0	103
Oregon	75.0	75.0	100
Pennsylvania	75.0	75.0	100
South Dakota	400.0	410.0	103
Tennessee	5.0	10.0	200
Texas	2,700.0	2,850.0	106
Utah	25.0	25.0	100
Virginia	20.0	20.0	100
Washington	167.0	215.0	129
West Virginia	7.0	5.0	71
Wisconsin	240.0	250.0	104
Wyoming	65.0	66.0	102
Other States	76.2	86.9	114
United States	13,642.2	14,022.9	103

Number of Cattle Grazing on Small Grain Pasture – 3-State Total: January 1, 2010 and 2011

Class	2010	2011	Percent of previous year
	(million head)	(million head)	(percent)
Kansas, Oklahoma, and Texas	1.92	1.60	83

Cattle Inventory by Class and Calf Crop – United States: July 1, 2009 and 2010

Class	2009	2010	Percent of previous year
	(1,000 head)	(1,000 head)	(percent)
Cattle and calves	102,000.0	101,100.0	99
Cows and heifers that have calved	41,400.0	40,900.0	99
Beef cows	32,200.0	31,800.0	99
Milk cows	9,200.0	9,100.0	99
Heifers 500 pounds and over	16,200.0	16,200.0	100
For beef cow replacement	4,500.0	4,400.0	98
For milk cow replacement	3,950.0	4,050.0	103
Other heifers	7,750.0	7,750.0	100
Steers 500 pounds and over	14,400.0	14,400.0	100
Bulls 500 pounds and over	2,100.0	2,100.0	100
Calves under 500 pounds	27,900.0	27,500.0	99
Calf crop	35,939.0	35,684.8	99
Cattle on feed	11,600.0	11,900.0	103

Calf Crop and Percent of Total by Six Month Period – United States: 2009 and 2010

Period	2009		2010	
	Number	Percent of total	Number	Percent of total
	(1,000 head)	(percent)	(1,000 head)	(percent)
January 1 - June 30	26,100.0	72.6	25,900.0	72.6
July 1 - December 31	9,839.0	27.4	9,784.8	27.4
Total	35,939.0	100.0	35,684.8	100.0

Statistical Methodology

Survey Procedures: A random sample of United States producers was surveyed to provide data for these estimates. Survey procedures ensured that all cattle producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 40,000 operators during the first half of January by mail, telephone, and face-to-face personal interviews and 78 percent of the reports were usable. Regardless of when operators responded, they were asked to report inventories as of January 1.

Estimating Procedures: These cattle estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from the previous year using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve year to year and item to item relationships. Estimates for the previous year are subject to revision when current estimates are made. The reviews are primarily based on livestock slaughter and additional foreign trade and survey data. Estimates will also be reviewed after data from the five-year Census of Agriculture are available. No revisions will be made after that date.

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 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.

To assist users in evaluating the reliability of estimates in this report, the "**Root Mean Square Error**" is shown for selected items in the table on the following page. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and latest estimates. The "Root Mean Square Error" for cattle inventory estimates over the past 10 years is 0.5 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 92.6 million head by more than 0.5 percent. Chances are 9 out of 10 that the difference will not exceed 0.9 percent.

The table on the following page shows a 10 year record of the range of differences between first and latest estimates for selected items. Using estimates of all cattle and calves as an example, changes between the first inventory estimate and the latest estimate during the past 10 years have averaged 338,000 head, ranging from 6,000 to 830,000 head. During this period the initial inventory estimate has been above the latest estimate 7 times and below the latest estimate 3 times. This does not imply that the January 1 estimate is likely to understate or overstate final inventory.

Reliability of January 1 Cattle Estimates

[Based on data for the past ten years]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Years	
						Above latest	Below latest
	(percent)	(percent)	(1,000 head)	(1,000 head)	(1,000 head)	(number)	(number)
All cattle	0.5	0.9	338	6	830	7	3
All cows	0.6	1.1	167	0	505	6	3
Calf crop	1.0	1.8	272	10	674	5	5

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
Scott Hollis, Head, Livestock Section	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter	(515) 284-4340
Joe Gaynor – Dairy Products Prices	(202) 690-2168
Jason Hardegree – Cattle, Cattle on Feed	(202) 720-3040
Mike Miller – Milk Production and Milk Cows	(202) 720-3278
Everett Olbert – Sheep and Goats	(202) 720-4751
Nick Streff – Hogs and Pigs	(202) 720-3106
Lorie Warren – Dairy Products	(202) 690-3236

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov> and in the “Receive NASS Updates” box under “Receive reports by Email,” click on “National” or “State” to select the reports you would like to receive.
- Printed reports may be purchased from the National Technical Information Service (NTIS) by calling toll-free (800) 999-6779, or (703) 605-6220 if calling from outside the United States or Canada. Accepted methods of payment are Visa, MasterCard, check, or money order.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Assistant Secretary for Civil Rights, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, S.W., Stop 9410, Washington, DC 20250-9410, or call toll-free at (866) 632-9992 (English) or (800) 877-8339 (TDD) or (866) 377-8642 (English Federal-relay) or (800) 845-6136 (Spanish Federal-relay). USDA is an equal opportunity provider and employer.



Today's Strategies & Tomorrow's Opportunities

February 24-25, 2011

Crystal Gateway Marriott Hotel
Arlington, Virginia

www.usda.gov/oce/forum

Early Bird Registration \$350 until January 21, 2011
* \$375 after January 21

Topical Sessions Will Address:

- *Risk Management
- *Renewable Energy
- *Rural Communities
- *Land Tenure Issues
- *Sustainability
- *Foreign Trade & Domestic Markets
- *Conservation & the Environment
- *Nutrition & USDA Dietary Guidelines
- *Broadband