



Quarterly Hogs and Pigs

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United States Hog Inventory up 1 Percent

United States inventory of all hogs and pigs on March 1, 2011 was 64.0 million head. This was up 1 percent from March 1, 2010, but down 1 percent from December 1, 2010.

Breeding inventory, at 5.79 million head, was up slightly from last year, and up slightly from the previous quarter. **Market hog inventory**, at 58.2 million head, was up 1 percent from last year, but down 1 percent from last quarter.

The December 2010-February 2011 pig crop, at 28.0 million head, was up 1 percent from 2010 but down 2 percent from 2009. Sows farrowing during this period totaled 2.86 million head, down 1 percent from 2010 and down 5 percent from 2009. The sows farrowed during this quarter represented 49 percent of the breeding herd. The average pigs saved per litter was a record high 9.80 for the December 2010-February 2011 period, compared to 9.61 last year. Pigs saved per litter by size of operation ranged from 7.50 for operations with 1-99 hogs and pigs to 9.90 for operations with more than 5,000 hogs and pigs.

Quarterly Hogs and Pigs Inventory – United States: March 1



United States hog producers intend to have 2.85 million sows farrow during the March-May 2011 quarter, down 3 percent from the actual farrowings during the same period in 2010, and down 5 percent from 2009. Intended farrowings for June-August 2011, at 2.87 million sows, are down 3 percent from 2010 and down 3 percent from 2009.

The total number of hogs under contract owned by operations with over 5,000 head, but raised by contractees, accounted for 46 percent of the total United States hog inventory, up from 44 percent last year.

Revisions

All inventory and pig crop estimates for March 2010 through December 2010 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. Based on the findings of this review, an adjustment of slightly more than one percent was made to the September 2010 total inventory. An adjustment of less than one half of one percent was made to the December 2010 total inventory. An adjustment of more than one percent was made to the June-August 2010 pig crop.

This report was approved on March 25, 2011.



Acting Secretary of
Agriculture
Larry Salathe



Agricultural Statistics Board
Chairperson
Hubert Hamer

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Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2010-2011

[Blank data cells indicate estimation period has not yet begun]

Item	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory ¹			
All hogs and pigs	63,568	63,964	101
Kept for breeding	5,760	5,788	100
Market	57,808	58,176	101
Market hogs and pigs by weight groups			
Under 50 pounds	18,767	18,898	101
50-119 pounds	15,993	16,225	101
120-179 pounds	12,307	12,309	100
180 pounds and over	10,742	10,744	100
June 1 inventory ¹			
All hogs and pigs	64,650		
Kept for breeding	5,788		
Market	58,862		
Market hogs and pigs by weight groups			
Under 50 pounds	19,354		
50-119 pounds	16,902		
120-179 pounds	12,029		
180 pounds and over	10,578		
September 1 inventory ¹			
All hogs and pigs	65,971		
Kept for breeding	5,770		
Market	60,201		
Market hogs and pigs by weight groups			
Under 50 pounds	19,613		
50-119 pounds	17,395		
120-179 pounds	12,674		
180 pounds and over	10,520		
December 1 inventory ¹			
All hogs and pigs	64,625		
Kept for breeding	5,778		
Market	58,847		
Market hogs and pigs by weight groups			
Under 50 pounds	18,564		
50-119 pounds	16,519		
120-179 pounds	12,233		
180 pounds and over	11,531		

¹ May not add due to rounding.

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2009-2011

[Blank data cells indicate estimation period has not yet begun]

Item	2009	2010	2011	2011 as percent of	
				2009	2010
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February ¹	3,011	2,872	2,856	95	99
March-May ²	3,018	2,929	2,854	95	97
December-May ^{3 4}	6,029	5,801	5,710	95	98
June-August ²	2,959	2,944	2,867	97	97
September-November	2,915	2,847			
June-November ⁴	5,874	5,790			
Pig crop					
December-February ¹	28,552	27,597	27,986	98	101
March-May	29,012	28,730			
December-May ^{1 4}	57,564	56,327			
June-August	28,718	28,871			
September-November	28,260	28,151			
June-November ⁴	56,978	57,021			
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February ¹	9.48	9.61	9.80	103	102
March-May	9.61	9.81			
December-May ¹	9.55	9.71			
June-August	9.70	9.81			
September-November	9.70	9.89			
June-November	9.70	9.85			

¹ December preceding year.

² Intentions for 2011.

³ Actual farrowings for December 2010-February 2011 plus intentions for March-May 2011.

⁴ May not add due to rounding.

Pigs per Litter by Size of Operation – United States: 2010-2011

[Blank data cells indicate estimation period has not yet begun]

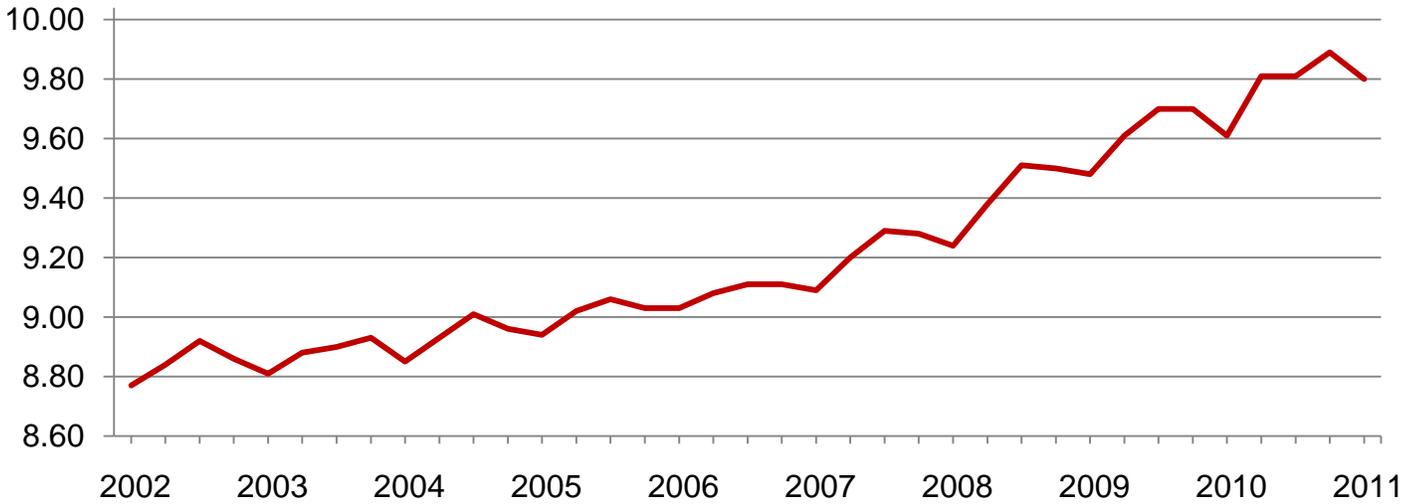
Pig crop	Pigs per litter on operations having ¹					
	1-99 head	100-499 head	500-999 head	1,000-1,999 head	2,000-4,999 head	5,000+ head
	(number)	(number)	(number)	(number)	(number)	(number)
2010						
December-February ²	7.40	8.10	8.50	9.20	9.60	9.70
March-May	7.70	8.40	8.60	9.40	9.70	9.90
June-August	7.80	8.40	8.70	9.40	9.70	9.90
September-November	7.70	8.30	8.80	9.40	9.80	10.00
2011						
December-February ²	7.50	8.30	8.80	9.30	9.70	9.90
March-May						
June-August						
September-November						

¹ Pigs per litter rounded to the nearest tenth.

² December preceding year.

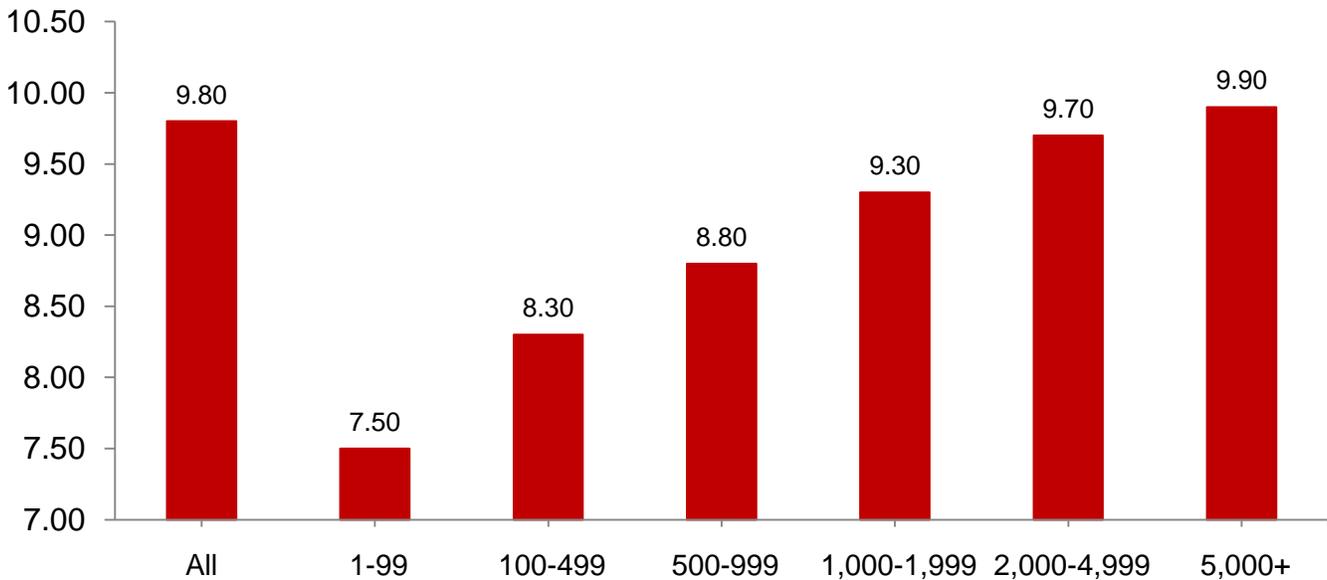
Quarterly Litter Rate – United States

Number head



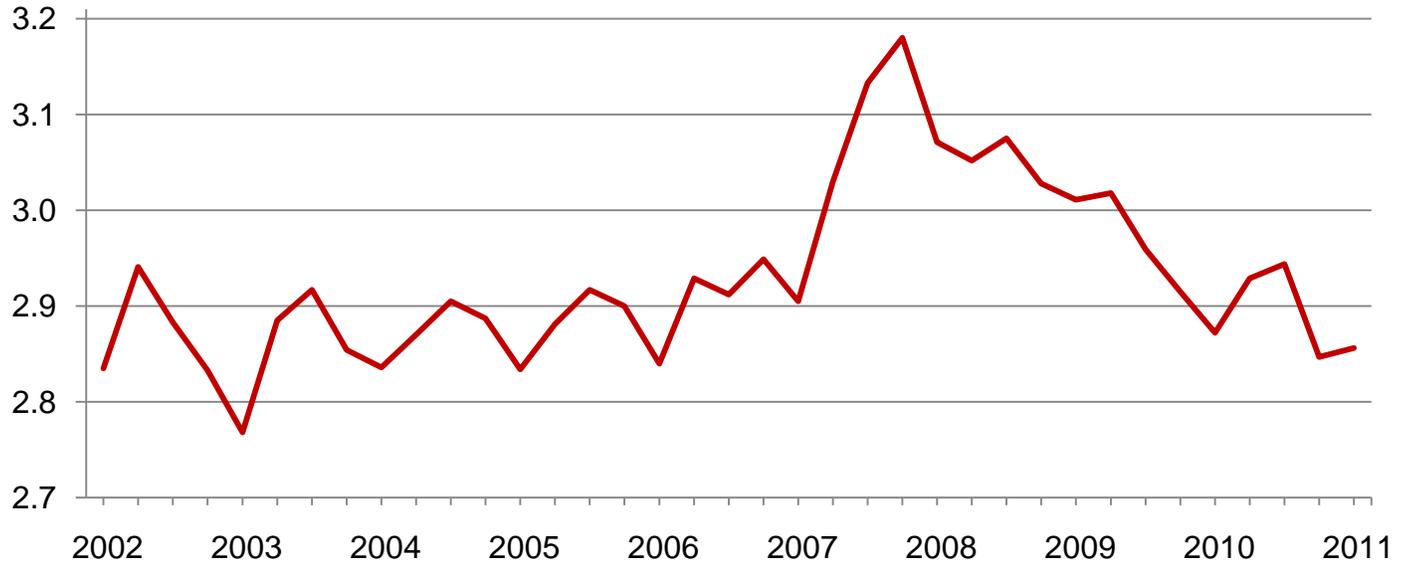
Pigs per Litter by Size of Operation – United States: December-February 2011

Number head



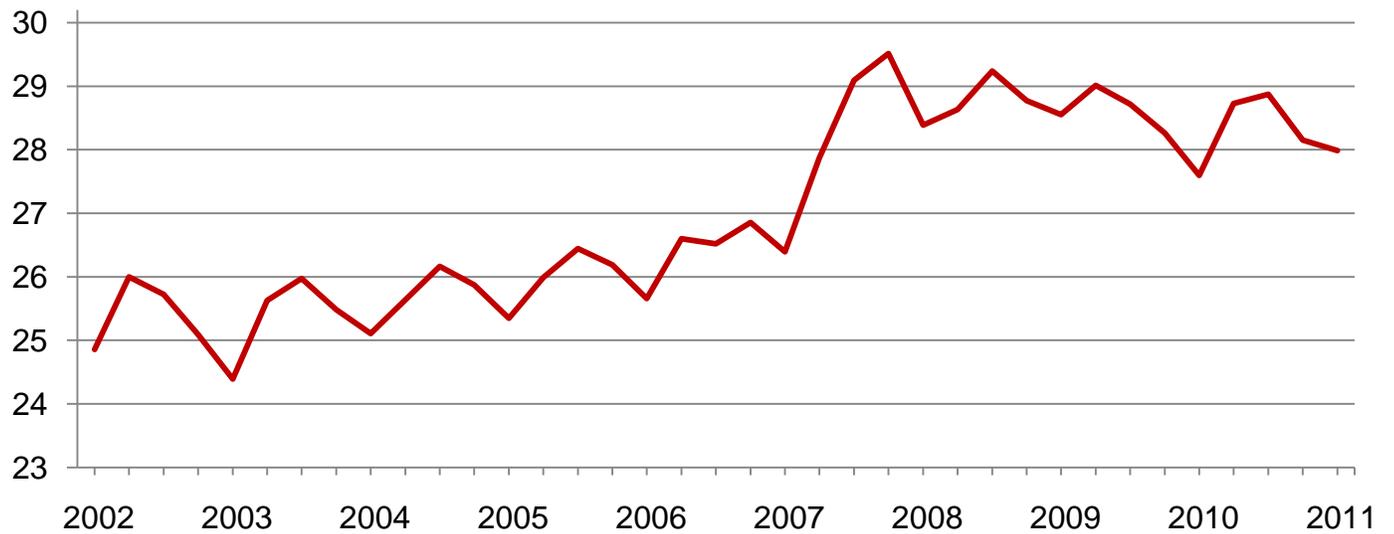
Quarterly Sows Farrowed – United States

Million head



Quarterly Pig Crop – United States

Million head



Breeding, Market, and Total Inventory – States and United States: March 1, 2010 and 2011

[May not add due to rounding]

State	Breeding			Market			Total		
	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	150	100	580	590	102	730	740	101
Illinois	480	470	98	3,820	3,930	103	4,300	4,400	102
Indiana	290	290	100	3,260	3,310	102	3,550	3,600	101
Iowa	1,010	1,030	102	17,790	17,970	101	18,800	19,000	101
Kansas	180	170	94	1,610	1,650	102	1,790	1,820	102
Michigan	110	110	100	950	920	97	1,060	1,030	97
Minnesota	550	560	102	6,550	7,040	107	7,100	7,600	107
Missouri	355	360	101	2,645	2,490	94	3,000	2,850	95
Nebraska	365	370	101	2,585	2,730	106	2,950	3,100	105
North Carolina	880	850	97	8,220	7,750	94	9,100	8,600	95
Ohio	170	170	100	1,860	1,820	98	2,030	1,990	98
Oklahoma	410	410	100	1,860	1,910	103	2,270	2,320	102
Pennsylvania	95	95	100	1,015	1,015	100	1,110	1,110	100
South Dakota	150	175	117	1,030	1,135	110	1,180	1,310	111
Texas	55	65	118	595	575	97	650	640	98
Utah	75	75	100	625	635	102	700	710	101
Other States ¹	435	438	101	2,813	2,706	96	3,248	3,144	97
United States	5,760	5,788	100	57,808	58,176	101	63,568	63,964	101

¹ Individual State estimates not available for the 34 Other States.

Market Hogs and Pigs Inventory by Weight Group – States and United States: March 1, 2010 and 2011

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2010	2011	2010	2011	2010	2011	2010	2011
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	270	290	115	105	80	70	115	125
Illinois	1,200	1,290	1,170	1,200	760	760	690	680
Indiana	1,140	1,110	900	890	620	610	600	700
Iowa	4,540	4,630	5,460	5,660	4,440	4,460	3,350	3,220
Kansas	480	490	325	365	270	280	535	515
Michigan	310	300	250	230	185	200	205	190
Minnesota	2,220	2,440	2,010	2,150	1,330	1,430	990	1,020
Missouri	1,180	1,080	590	580	465	410	410	420
Nebraska	860	910	800	820	550	575	375	425
North Carolina	3,030	2,850	1,950	1,830	1,740	1,620	1,500	1,450
Ohio	670	655	545	515	405	415	240	235
Oklahoma	800	810	360	350	220	260	480	490
Pennsylvania	285	245	320	360	200	195	210	215
South Dakota	350	390	260	310	215	230	205	205
Texas	145	150	150	110	140	125	160	190
Utah	260	285	130	120	120	115	115	115
Other States ¹	1,027	973	658	630	567	554	562	549
United States ²	18,767	18,898	15,993	16,225	12,307	12,309	10,742	10,744

¹ Individual State estimates not available for the 34 Other States.

² Weight groups may not add to Market Hogs and Pigs due to rounding.

Breeding, Market, and Total Inventory – States and United States: June 1, 2009 and 2010

[May not add due to rounding]

State	Breeding			Market			Total		
	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	150	100	590	600	102	740	750	101
Illinois	480	490	102	3,870	3,910	101	4,350	4,400	101
Indiana	270	290	107	3,330	3,360	101	3,600	3,650	101
Iowa	1,020	1,010	99	18,780	17,890	95	19,800	18,900	95
Kansas	170	185	109	1,620	1,605	99	1,790	1,790	100
Michigan	110	110	100	950	960	101	1,060	1,070	101
Minnesota	580	550	95	6,920	6,950	100	7,500	7,500	100
Missouri	345	350	101	2,705	2,650	98	3,050	3,000	98
Nebraska	390	370	95	2,910	2,730	94	3,300	3,100	94
North Carolina	990	880	89	8,710	8,120	93	9,700	9,000	93
Ohio	170	165	97	1,840	1,935	105	2,010	2,100	104
Oklahoma	400	410	103	1,890	1,910	101	2,290	2,320	101
Pennsylvania	90	100	111	1,060	1,060	100	1,150	1,160	101
South Dakota	155	160	103	1,135	1,070	94	1,290	1,230	95
Texas	95	55	58	925	615	66	1,020	670	66
Utah	75	80	107	645	650	101	720	730	101
Other States ¹	478	433	91	2,962	2,847	96	3,439	3,280	95
United States	5,968	5,788	97	60,842	58,862	97	66,809	64,650	97

¹ Individual State estimates not available for the 34 Other States.

Market Hogs and Pigs Inventory by Weight Group – States and United States: June 1, 2009 and 2010

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2009	2010	2009	2010	2009	2010	2009	2010
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	280	285	125	105	70	85	115	125
Illinois	1,220	1,200	1,220	1,230	790	780	640	700
Indiana	1,100	1,120	1,040	1,000	630	620	560	620
Iowa	4,850	4,590	5,980	5,710	4,530	4,340	3,420	3,250
Kansas	465	495	380	400	285	230	490	480
Michigan	325	310	285	270	160	190	180	190
Minnesota	2,370	2,440	2,140	2,150	1,380	1,340	1,030	1,020
Missouri	1,205	1,145	630	635	455	435	415	435
Nebraska	980	910	880	870	630	550	420	400
North Carolina	3,090	3,180	2,350	1,940	1,740	1,590	1,530	1,410
Ohio	640	720	535	565	395	405	270	245
Oklahoma	770	790	400	420	210	230	510	470
Pennsylvania	320	305	350	360	205	195	185	200
South Dakota	390	390	305	305	225	200	215	175
Texas	265	160	255	135	205	140	200	180
Utah	250	280	155	135	120	120	120	115
Other States ¹	1,034	1,034	808	672	574	579	547	563
United States ²	19,554	19,354	17,838	16,902	12,604	12,029	10,847	10,578

¹ Individual State estimates not available for the 34 Other States.

² Weight groups may not add to Market Hogs and Pigs due to rounding.

Breeding, Market, and Total Inventory – States and United States: September 1, 2009 and 2010

[May not add due to rounding]

State	Breeding			Market			Total		
	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	150	100	580	590	102	730	740	101
Illinois	470	490	104	3,780	3,960	105	4,250	4,450	105
Indiana	280	290	104	3,320	3,360	101	3,600	3,650	101
Iowa	1,010	1,010	100	18,690	18,590	99	19,700	19,600	99
Kansas	160	180	113	1,600	1,680	105	1,760	1,860	106
Michigan	110	110	100	950	990	104	1,060	1,100	104
Minnesota	560	550	98	6,740	6,950	103	7,300	7,500	103
Missouri	350	345	99	2,700	2,605	96	3,050	2,950	97
Nebraska	380	370	97	2,920	2,780	95	3,300	3,150	95
North Carolina	980	870	89	9,020	8,530	95	10,000	9,400	94
Ohio	160	165	103	1,890	1,905	101	2,050	2,070	101
Oklahoma	410	410	100	1,950	1,970	101	2,360	2,380	101
Pennsylvania	90	105	117	1,030	1,045	101	1,120	1,150	103
South Dakota	150	160	107	1,130	1,090	96	1,280	1,250	98
Texas	70	55	79	930	645	69	1,000	700	70
Utah	80	80	100	680	690	101	760	770	101
Other States ¹	465	430	92	2,932	2,821	96	3,396	3,251	96
United States	5,875	5,770	98	60,842	60,201	99	66,716	65,971	99

¹ Individual State estimates not available for the 34 Other States.

Market Hogs and Pigs Inventory by Weight Group – States and United States: September 1, 2009 and 2010

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2009	2010	2009	2010	2009	2010	2009	2010
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	285	290	120	110	55	80	120	110
Illinois	1,240	1,300	1,130	1,230	770	790	640	640
Indiana	1,140	1,070	970	1,000	600	680	610	610
Iowa	4,840	4,860	5,760	5,950	4,600	4,520	3,490	3,260
Kansas	505	520	330	395	290	280	475	485
Michigan	330	310	265	280	160	200	195	200
Minnesota	2,420	2,360	2,010	2,200	1,280	1,410	1,030	980
Missouri	1,150	1,140	635	615	470	450	445	400
Nebraska	960	940	860	860	650	580	450	400
North Carolina	3,200	3,150	2,390	2,200	1,790	1,750	1,640	1,430
Ohio	675	670	540	560	410	435	265	240
Oklahoma	830	830	380	410	250	260	490	470
Pennsylvania	285	275	310	355	210	210	225	205
South Dakota	370	385	300	290	230	215	230	200
Texas	260	185	230	140	200	135	240	185
Utah	265	290	155	140	130	130	130	130
Other States ¹	1,003	1,038	763	660	589	549	578	575
United States ²	19,758	19,613	17,148	17,395	12,684	12,674	11,253	10,520

¹ Individual State estimates not available for the 34 Other States.

² Weight groups may not add to Market Hogs and Pigs due to rounding.

Breeding, Market, and Total Inventory – States and United States: December 1, 2009 and 2010

[May not add due to rounding]

State	Breeding			Market			Total		
	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	150	100	560	570	102	710	720	101
Illinois	480	480	100	3,770	3,870	103	4,250	4,350	102
Indiana	280	290	104	3,320	3,360	101	3,600	3,650	101
Iowa	1,020	1,020	100	17,980	17,980	100	19,000	19,000	100
Kansas	180	170	94	1,630	1,640	101	1,810	1,810	100
Michigan	110	110	100	970	930	96	1,080	1,040	96
Minnesota	560	560	100	6,640	7,140	108	7,200	7,700	107
Missouri	360	355	99	2,740	2,545	93	3,100	2,900	94
Nebraska	370	375	101	2,730	2,775	102	3,100	3,150	102
North Carolina	930	840	90	8,670	8,060	93	9,600	8,900	93
Ohio	165	170	103	1,845	1,860	101	2,010	2,030	101
Oklahoma	410	410	100	1,880	1,920	102	2,290	2,330	102
Pennsylvania	100	100	100	1,040	1,010	97	1,140	1,110	97
South Dakota	145	170	117	1,045	1,120	107	1,190	1,290	108
Texas	60	60	100	700	600	86	760	660	87
Utah	75	80	107	655	660	101	730	740	101
Other States ¹	455	438	96	2,862	2,807	98	3,317	3,245	98
United States	5,850	5,778	99	59,037	58,847	100	64,887	64,625	100

¹ Individual State estimates not available for the 34 Other States.

Market Hogs and Pigs Inventory by Weight Group – States and United States: December 1, 2009 and 2010

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2009	2010	2009	2010	2009	2010	2009	2010
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	270	265	115	105	50	70	125	130
Illinois	1,200	1,230	1,150	1,180	730	730	690	730
Indiana	1,080	1,040	970	950	640	670	630	700
Iowa	4,430	4,500	5,700	5,600	4,430	4,330	3,420	3,550
Kansas	480	490	335	365	295	280	520	505
Michigan	335	300	270	240	165	190	200	200
Minnesota	2,350	2,430	2,010	2,160	1,230	1,380	1,050	1,170
Missouri	1,160	1,065	655	605	465	410	460	465
Nebraska	880	910	850	830	600	595	400	440
North Carolina	3,090	2,850	2,200	1,970	1,760	1,660	1,620	1,580
Ohio	635	655	540	545	395	400	275	260
Oklahoma	780	790	380	410	240	270	480	450
Pennsylvania	280	240	330	340	220	200	210	230
South Dakota	335	380	280	285	220	220	210	235
Texas	145	160	160	140	160	130	235	170
Utah	260	260	135	135	130	130	130	135
Other States ¹	995	999	702	659	569	568	597	581
United States ²	18,705	18,564	16,782	16,519	12,299	12,233	11,252	11,531

¹ Individual State estimates not available for the 34 Other States.

² Weight groups may not add to Market Hogs and Pigs due to rounding.

**Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States:
December-February 2010 and 2011**

[December preceding year]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2010	2011	2011 as percent of 2010	2010	2011	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	71	70	99	9.60	9.90	682	693	102
Illinois	260	250	96	9.40	9.60	2,444	2,400	98
Indiana	140	145	104	9.40	9.50	1,316	1,378	105
Iowa	465	485	104	9.75	9.80	4,534	4,753	105
Kansas	82	81	99	9.35	9.25	767	749	98
Michigan	54	51	94	9.80	9.80	529	500	95
Minnesota	265	285	108	9.90	10.15	2,624	2,893	110
Missouri	195	175	90	9.50	10.10	1,853	1,768	95
Nebraska	170	175	103	10.00	10.10	1,700	1,768	104
North Carolina	490	450	92	9.50	9.70	4,655	4,365	94
Ohio	89	89	100	9.35	9.40	832	837	101
Oklahoma	190	185	97	9.45	9.65	1,796	1,785	99
Pennsylvania	47	47	100	9.70	10.00	456	470	103
South Dakota	79	89	113	10.20	10.30	806	917	114
Texas	29	32	110	8.70	8.70	252	278	110
Utah	39	40	103	9.80	9.80	382	392	103
Other States ²	207	207	100	9.51	9.86	1,969	2,040	104
United States ³	2,872	2,856	99	9.61	9.80	27,597	27,986	101

¹ Number of pigs born December-February that were still on hand March 1, or had been sold.

² Individual State estimates not available for the 34 Other States.

³ May not add due to rounding.

**Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States:
March-May 2009-2011**

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2009	2010	2011 ²	2011 as percent of 2010	2009	2010	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	72	72	73	101	9.00	9.90	648	713	110
Illinois	250	270	250	93	9.50	9.50	2,375	2,565	108
Indiana	135	145	145	100	9.40	9.60	1,269	1,392	110
Iowa	495	470	480	102	9.65	9.95	4,777	4,677	98
Kansas	81	84	84	100	9.40	9.35	761	785	103
Michigan	54	53	53	100	9.65	9.70	521	514	99
Minnesota	285	280	285	102	9.95	10.15	2,836	2,842	100
Missouri	185	190	180	95	9.80	10.05	1,813	1,910	105
Nebraska	190	180	175	97	9.90	10.15	1,881	1,827	97
North Carolina	540	485	440	91	9.70	9.70	5,238	4,705	90
Ohio	88	89	85	96	9.50	9.50	836	846	101
Oklahoma	185	190	185	97	9.00	9.75	1,665	1,853	111
Pennsylvania	42	49	47	96	9.75	9.80	410	480	117
South Dakota	86	86	89	103	10.10	10.30	869	886	102
Texas	48	30	32	107	9.70	8.50	466	255	55
Utah	43	42	40	95	9.90	10.00	426	420	99
Other States ³	239	214	211	99	9.28	9.61	2,221	2,060	93
United States	3,018	2,929	2,854	97	9.61	9.81	29,012	28,730	99

¹ Number of pigs born March-May that were still on hand June 1, or had been sold.

² Intentions.

³ Individual State estimates not available for the 34 Other States.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August, 2009-2011

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2009	2010	2011 ²	2011 as percent of 2010	2009	2010	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	72	73	72	99	9.50	9.95	684	726	106
Illinois	245	265	250	94	9.50	9.55	2,328	2,531	109
Indiana	135	145	145	100	9.50	9.40	1,283	1,363	106
Iowa	475	475	485	102	9.75	9.95	4,631	4,726	102
Kansas	80	84	82	98	9.25	9.45	740	794	107
Michigan	56	52	51	98	9.60	9.90	538	515	96
Minnesota	275	280	295	105	10.00	10.20	2,750	2,856	104
Missouri	185	190	180	95	10.00	9.80	1,850	1,862	101
Nebraska	185	175	175	100	10.05	10.30	1,859	1,803	97
North Carolina	540	495	450	91	9.70	9.75	5,238	4,826	92
Ohio	86	91	88	97	9.60	9.55	826	869	105
Oklahoma	190	190	185	97	9.50	9.70	1,805	1,843	102
Pennsylvania	42	50	47	94	10.00	9.50	420	475	113
South Dakota	82	88	87	99	10.00	10.30	820	906	110
Texas	44	32	32	100	9.00	8.30	396	266	67
Utah	42	42	44	105	10.00	10.30	420	433	103
Other States ³	225	217	199	92	9.45	9.59	2,130	2,077	98
United States	2,959	2,944	2,867	97	9.70	9.81	28,718	28,871	101

¹ Number of pigs born June-August that were still on hand September 1, or had been sold.

² Intentions.

³ Individual State estimates not available for the 34 Other States.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2009 and 2010

[May not add due to rounding]

	Sows farrowing			Pigs per litter		Pig crop ¹		
	2009	2010	2010 as percent of 2009	2009	2010	2009	2010	2010 as percent of 2009
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	69	70	101	9.50	9.70	656	679	104
Illinois	255	260	102	9.45	9.60	2,410	2,496	104
Indiana	135	145	107	9.55	9.60	1,289	1,392	108
Iowa	480	475	99	9.80	10.05	4,704	4,774	101
Kansas	84	78	93	9.35	9.45	785	737	94
Michigan	56	51	91	9.80	9.90	549	505	92
Minnesota	275	280	102	10.05	10.15	2,764	2,842	103
Missouri	190	175	92	9.90	10.00	1,881	1,750	93
Nebraska	175	175	100	10.00	10.10	1,750	1,768	101
North Carolina	510	450	88	9.60	10.00	4,896	4,500	92
Ohio	87	89	102	9.40	9.40	818	837	102
Oklahoma	185	185	100	9.50	9.70	1,758	1,795	102
Pennsylvania	46	48	104	9.90	10.10	455	485	107
South Dakota	80	87	109	10.10	10.30	808	896	111
Texas	30	30	100	9.35	8.60	281	258	92
Utah	40	40	100	9.80	10.05	392	402	103
Other States ²	218	209	96	9.47	9.74	2,064	2,035	99
United States	2,915	2,847	98	9.70	9.89	28,260	28,151	100

¹ Number of pigs born September-November that were still on hand December 1, or had been sold.

² Individual State estimates not available for the 34 Other States.

Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2010-2011

[Blank data cells indicate estimation period has not yet begun]

Month	Sows farrowing ¹		Pigs per litter		Pig crop ¹	
	2010	2011	2010	2011	2010	2011
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December ²	973	956	9.62	9.81	9,358	9,382
January	960	958	9.58	9.76	9,197	9,348
February	940	942	9.62	9.83	9,042	9,256
March	982		9.76		9,588	
April	972		9.84		9,560	
May	976		9.82		9,582	
June	990		9.78		9,679	
July	980		9.83		9,637	
August	973		9.82		9,555	
September	967		9.89		9,564	
October	944		9.90		9,350	
November	936		9.87		9,237	
Total	11,592		9.78		113,348	

¹ Monthly values may not add to quarterly or annual totals due to rounding.

² December preceding year.

Statistical Methodology

Survey Procedures: A random sample of roughly 8,700 United States producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large operations were sampled more heavily than small operations. During the first half of March 2011, data were collected from about 7,000 operations, 80 percent of the total sample. The data collected were received by electronic data reporting (EDR), mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of March 1, 2011.

Estimating Procedures: Hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each field office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds the estimates of births and imports, and subtracts the 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 quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In December, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising hogs 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, duplication, and mistakes in reporting, recording, and processing the data. The affects 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 the estimates in this report, the "**Root Mean Square Error**" is shown for selected items in the following table. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 64.0 million head by more than 1.6 percent. Chances are 9 out of 10 that the difference will not exceed 2.8 percent.

Reliability of March 1 Hog Estimates

[Based on data for the previous twenty quarters]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Years	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
All hogs and pigs	1.6	2.8	794	90	3,067	16	4
Pig crop	2.1	3.6	432	0	1,644	13	6
Expected farrowings							
Next quarter	2.5	4.3	54	3	216	14	6
Following quarter	2.7	4.6	56	3	220	13	7

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
Doug Bounds – Hogs and Pigs	(202) 720-3106
Vacant – 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
Lorie Warren – Dairy Products	(202) 690-3236

Access to NASS Reports

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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.

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