



Quarterly Hogs and Pigs

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United States Hog Inventory up 1 Percent

United States inventory of all hogs and pigs on September 1, 2011 was 66.6 million head. This was up 1 percent from September 1, 2010, and up 3 percent from June 1, 2011.

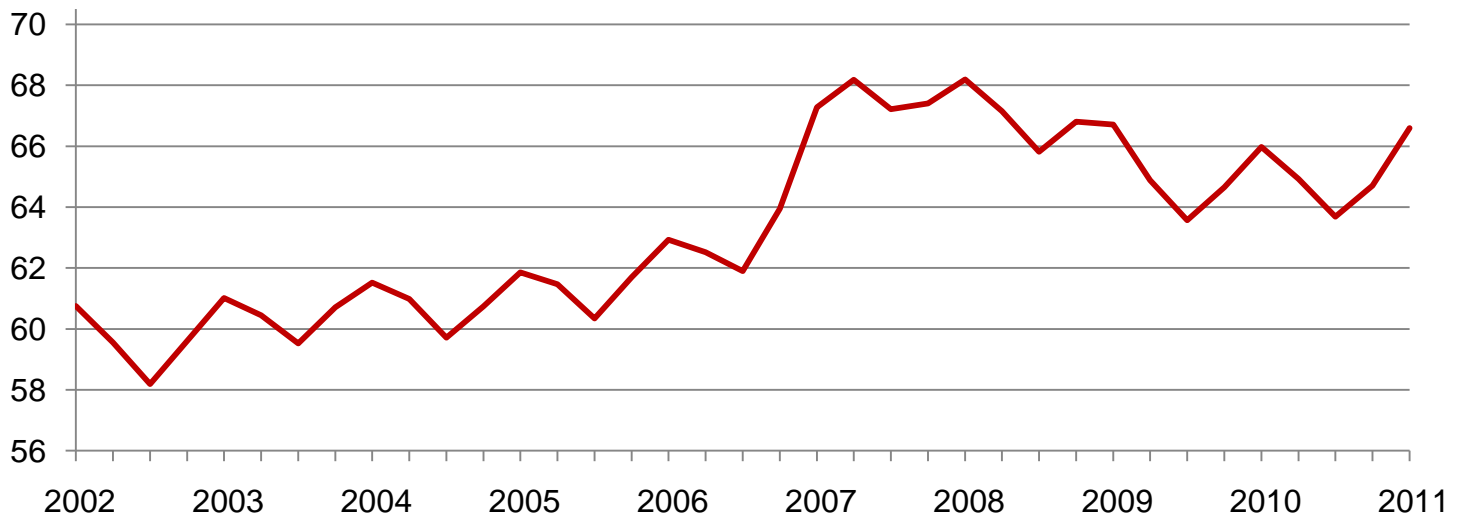
Breeding inventory, at 5.81 million head, was up 1 percent from last year, and up slightly from the previous quarter.

Market hog inventory, at 60.8 million head, was up 1 percent from last year, and up 3 percent from last quarter.

The June-August 2011 pig crop, at 29.1 million head, was up 1 percent from 2010 and up 1 percent from 2009. Sows farrowing during this period totaled 2.90 million head, down 1 percent from 2010 and down 2 percent from 2009. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was a record high 10.03 for the June-August 2011 period, compared to 9.81 last year. Pigs saved per litter by size of operation ranged from 7.50 for operations with 1-99 hogs and pigs to 10.10 for operations with more than 5,000 hogs and pigs.

Quarterly Hogs and Pigs Inventory – United States: September 1

Million head



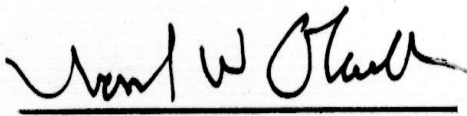
United States hog producers intend to have 2.87 million sows farrow during the September-November 2011 quarter, down slightly from the actual farrowings during the same period in 2010, and down 1 percent from 2009. Intended farrowings for December-February 2012, at 2.86 million sows, are up slightly from 2011, but down 1 percent from 2010.

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 43 percent last year.

Revisions

All inventory and pig crop estimates for September 2010 through June 2011 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 less than one half of one percent was made to the March 2011 total inventory. An adjustment of one half of one percent was made to the June 2011 total inventory. An adjustment of less than one half of one percent was made to the December 2010-February 2011 pig crop.

This report was approved on September 28, 2011.



Acting Secretary of
Agriculture
Joseph W. Glauber



Agricultural Statistics Board
Chairperson
Hubert Hamer

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Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2010 and 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	63,684	100
Kept for breeding	5,760	5,788	100
Market	57,808	57,896	100
Market hogs and pigs by weight groups			
Under 50 pounds	18,767	18,863	101
50-119 pounds	15,993	16,060	100
120-179 pounds	12,307	12,361	100
180 pounds and over	10,742	10,612	99
June 1 inventory ¹			
All hogs and pigs	64,650	64,700	100
Kept for breeding	5,788	5,803	100
Market	58,862	58,897	100
Market hogs and pigs by weight groups			
Under 50 pounds	19,354	19,383	100
50-119 pounds	16,902	16,861	100
120-179 pounds	12,029	12,174	101
180 pounds and over	10,578	10,479	99
September 1 inventory ¹			
All hogs and pigs	65,971	66,599	101
Kept for breeding	5,770	5,806	101
Market	60,201	60,793	101
Market hogs and pigs by weight groups			
Under 50 pounds	19,613	19,696	100
50-119 pounds	17,395	17,459	100
120-179 pounds	12,674	12,762	101
180 pounds and over	10,520	10,876	103
December 1 inventory ¹			
All hogs and pigs	64,925		
Kept for breeding	5,778		
Market	59,147		
Market hogs and pigs by weight groups			
Under 50 pounds	18,864		
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: 2009-2012

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

Item	2009	2010	2011	2012	2011 as percent of		2012 as percent of 2011
					2009	2010	
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)	(percent)
Sows farrowing							
December-February ^{1 2}	3,011	2,872	2,844	2,857	94	99	100
March-May	3,018	2,929	2,877		95	98	
December-May ^{1 3}	6,029	5,801	5,721		95	99	
June-August	2,959	2,944	2,901		98	99	
September-November ⁴	2,915	2,881	2,874		99	100	
June-November ^{3 5}	5,874	5,824	5,775		98	99	
Pig crop							
December-February ¹	28,552	27,597	27,869		98	101	
March-May	29,012	28,730	28,851		99	100	
December-May ^{1 3}	57,564	56,327	56,719		99	101	
June-August	28,718	28,871	29,084		101	101	
September-November	28,260	28,489					
June-November ³	56,978	57,359					
	(number)	(number)	(number)	(number)	(percent)	(percent)	(percent)
Pigs per litter							
December-February ¹	9.48	9.61	9.80		103	102	
March-May	9.61	9.81	10.03		104	102	
December-May ¹	9.55	9.71	9.91		104	102	
June-August	9.70	9.81	10.03		103	102	
September-November	9.70	9.89					
June-November	9.70	9.85					

¹ December preceding year.

² Intentions for 2012.

³ May not add due to rounding.

⁴ Intentions for 2011.

⁵ Actual farrowings for June-August plus intentions for September-November.

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

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

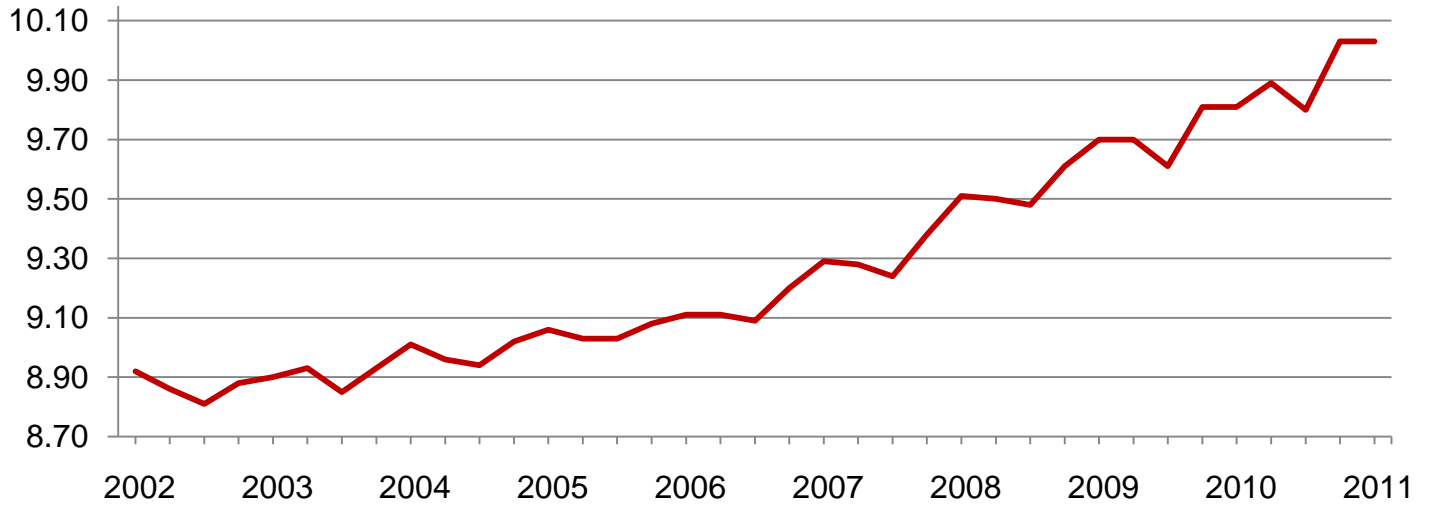
Pig crop	Pigs per litter on operations having ¹					
	1-99 head	100-499 head	500-999 head	1,000-1,999 head	2,000-4,999 head	5,000+ head
	(number)	(number)	(number)	(number)	(number)	(number)
2010						
December-February ²	7.40	8.10	8.50	9.20	9.60	9.70
March-May	7.70	8.40	8.60	9.40	9.70	9.90
June-August	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	7.50	8.30	8.90	9.30	9.90	10.10
June-August	7.50	8.30	8.90	9.30	9.90	10.10
September-November						

¹ Pigs per litter rounded to the nearest tenth.

² December preceding year.

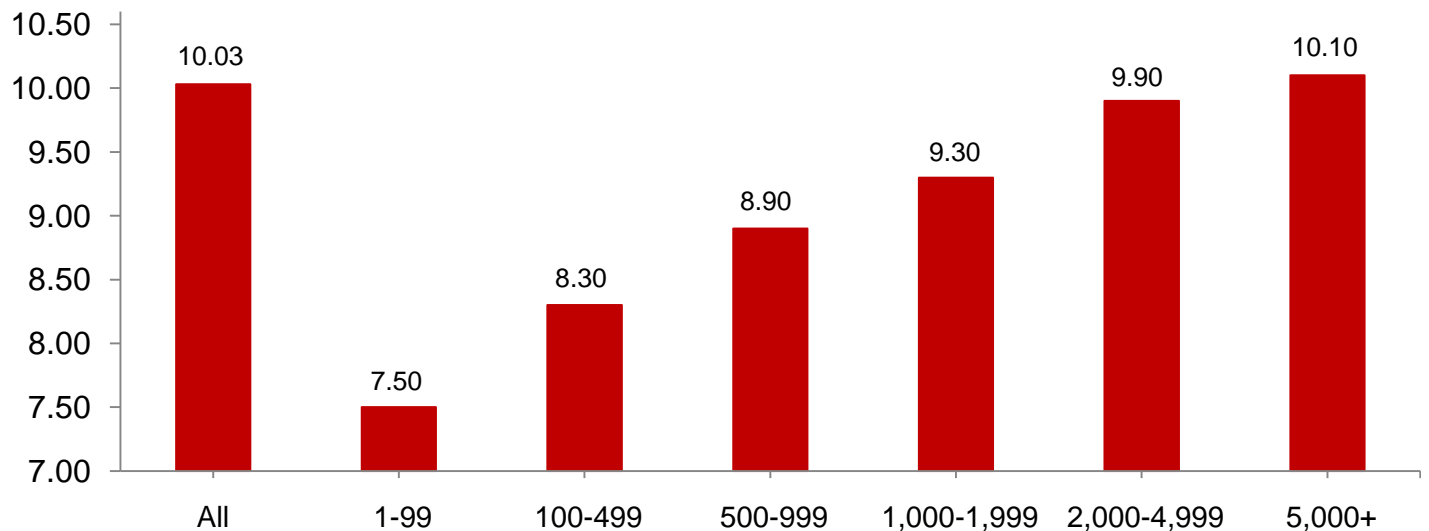
Quarterly Litter Rate – United States

Number head



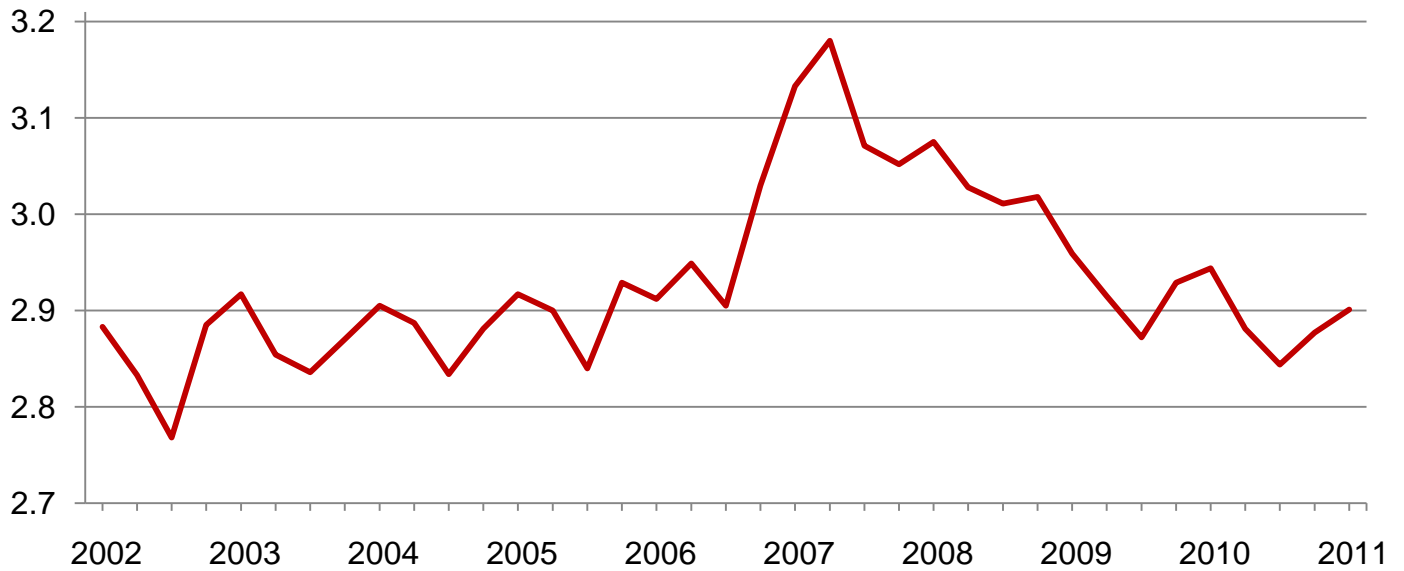
Pigs per Litter by Size of Operation – United States: June-August 2011

Number head



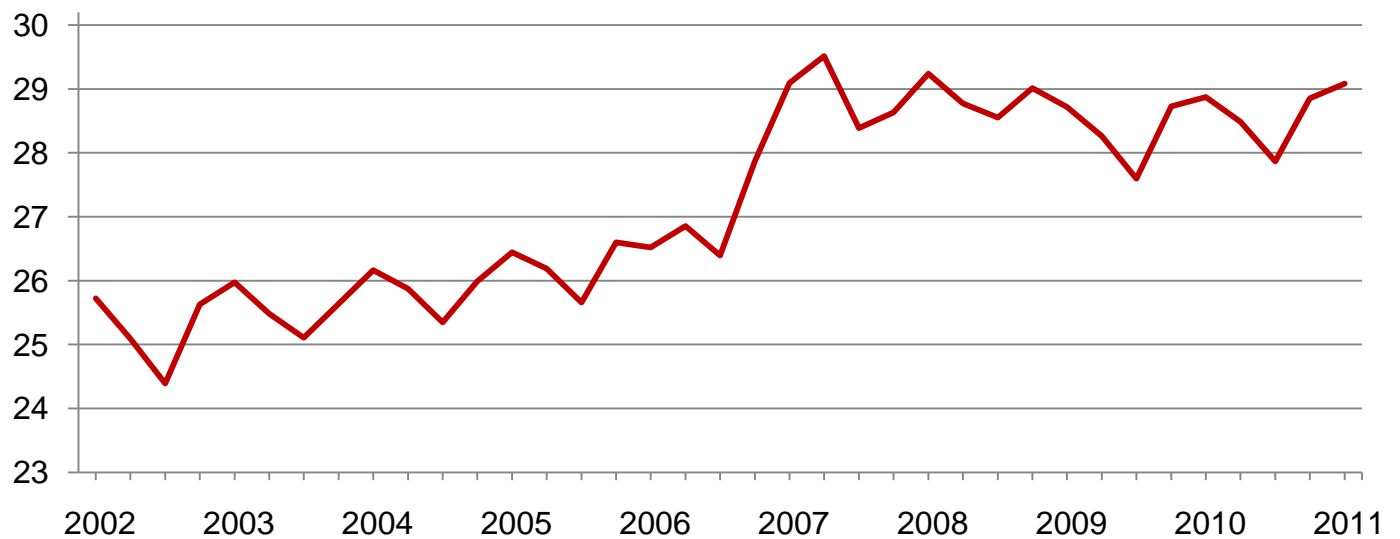
Quarterly Sows Farrowed – United States

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	580	100	730	730	100
Illinois	480	470	98	3,820	3,930	103	4,300	4,400	102
Indiana	290	290	100	3,260	3,260	100	3,550	3,550	100
Iowa	1,010	1,030	102	17,790	17,870	100	18,800	18,900	101
Kansas	180	170	94	1,610	1,640	102	1,790	1,810	101
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	7,650	93	9,100	8,500	93
Ohio	170	170	100	1,860	1,840	99	2,030	2,010	99
Oklahoma	410	410	100	1,860	1,900	102	2,270	2,310	102
Pennsylvania	95	95	100	1,015	1,005	99	1,110	1,100	99
South Dakota	150	175	117	1,030	1,135	110	1,180	1,310	111
Texas	55	65	118	595	565	95	650	630	97
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	57,896	100	63,568	63,684	100

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

[Weight groups may not add to market hogs and pigs due to rounding]

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	115
Illinois	1,200	1,290	1,170	1,190	760	760	690	690
Indiana	1,140	1,080	900	870	620	610	600	700
Iowa	4,540	4,630	5,460	5,630	4,440	4,490	3,350	3,120
Kansas	480	490	325	365	270	280	535	505
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	800	550	595	375	425
North Carolina	3,030	2,820	1,950	1,760	1,740	1,620	1,500	1,450
Ohio	670	675	545	515	405	415	240	235
Oklahoma	800	810	360	350	220	260	480	480
Pennsylvania	285	240	320	360	200	200	210	205
South Dakota	350	390	260	300	215	230	205	215
Texas	145	150	150	110	140	125	160	180
Utah	260	285	130	120	120	110	115	120
Other States ¹	1,027	983	658	625	567	556	562	542
United States	18,767	18,863	15,993	16,060	12,307	12,361	10,742	10,612

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

Breeding, Market, and Total Inventory – States and United States: June 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	600	580	97	750	730	97
Illinois	490	480	98	3,910	4,070	104	4,400	4,550	103
Indiana	290	300	103	3,360	3,400	101	3,650	3,700	101
Iowa	1,010	1,030	102	17,890	18,570	104	18,900	19,600	104
Kansas	185	180	97	1,605	1,680	105	1,790	1,860	104
Michigan	110	110	100	960	920	96	1,070	1,030	96
Minnesota	550	560	102	6,950	7,140	103	7,500	7,700	103
Missouri	350	355	101	2,650	2,445	92	3,000	2,800	93
Nebraska	370	380	103	2,730	2,720	100	3,100	3,100	100
North Carolina	880	850	97	8,120	7,650	94	9,000	8,500	94
Ohio	165	165	100	1,935	1,865	96	2,100	2,030	97
Oklahoma	410	410	100	1,910	1,890	99	2,320	2,300	99
Pennsylvania	100	95	95	1,060	1,005	95	1,160	1,100	95
South Dakota	160	175	109	1,070	1,115	104	1,230	1,290	105
Texas	55	70	127	615	570	93	670	640	96
Utah	80	75	94	650	575	88	730	650	89
Other States ¹	433	418	97	2,847	2,702	95	3,280	3,120	95
United States	5,788	5,803	100	58,862	58,897	100	64,650	64,700	100

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, 2010 and 2011

[Weight groups may not add to market hogs and pigs due to rounding]

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	285	285	105	100	85	80	125	115
Illinois	1,200	1,340	1,230	1,280	780	770	700	680
Indiana	1,120	1,070	1,000	1,010	620	670	620	650
Iowa	4,590	4,950	5,710	6,000	4,340	4,500	3,250	3,120
Kansas	495	525	400	380	230	260	480	515
Michigan	310	300	270	240	190	190	190	190
Minnesota	2,440	2,510	2,150	2,170	1,340	1,440	1,020	1,020
Missouri	1,145	1,015	635	595	435	430	435	405
Nebraska	910	920	870	830	550	550	400	420
North Carolina	3,180	2,950	1,940	1,810	1,590	1,490	1,410	1,400
Ohio	720	700	565	545	405	390	245	230
Oklahoma	790	790	420	390	230	220	470	490
Pennsylvania	305	235	360	365	195	200	200	205
South Dakota	390	390	305	295	200	220	175	210
Texas	160	150	135	110	140	120	180	190
Utah	280	290	135	95	120	95	115	95
Other States ¹	1,034	963	672	646	579	549	563	544
United States	19,354	19,383	16,902	16,861	12,029	12,174	10,578	10,479

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

Breeding, Market, and Total Inventory – States and United States: September 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	590	600	102	740	750	101
Illinois	490	490	100	3,960	4,160	105	4,450	4,650	104
Indiana	290	300	103	3,360	3,500	104	3,650	3,800	104
Iowa	1,010	1,020	101	18,590	18,980	102	19,600	20,000	102
Kansas	180	180	100	1,680	1,700	101	1,860	1,880	101
Michigan	110	110	100	990	960	97	1,100	1,070	97
Minnesota	550	560	102	6,950	7,240	104	7,500	7,800	104
Missouri	345	360	104	2,605	2,490	96	2,950	2,850	97
Nebraska	370	380	103	2,780	2,870	103	3,150	3,250	103
North Carolina	870	850	98	8,530	8,250	97	9,400	9,100	97
Ohio	165	170	103	1,905	1,940	102	2,070	2,110	102
Oklahoma	410	400	98	1,970	1,930	98	2,380	2,330	98
Pennsylvania	105	90	86	1,045	1,010	97	1,150	1,100	96
South Dakota	160	170	106	1,090	1,150	106	1,250	1,320	106
Texas	55	80	145	645	690	107	700	770	110
Utah	80	75	94	690	675	98	770	750	97
Other States ¹	430	421	98	2,821	2,648	94	3,251	3,069	94
United States	5,770	5,806	101	60,201	60,793	101	65,971	66,599	101

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, 2010 and 2011

[Weight groups may not add to market hogs and pigs due to rounding]

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	290	300	110	110	80	75	110	115
Illinois	1,300	1,370	1,230	1,280	790	770	640	740
Indiana	1,070	1,150	1,000	1,030	680	670	610	650
Iowa	4,860	4,970	5,950	6,100	4,520	4,610	3,260	3,300
Kansas	520	520	395	365	280	305	485	510
Michigan	310	300	280	250	200	210	200	200
Minnesota	2,360	2,500	2,200	2,230	1,410	1,480	980	1,030
Missouri	1,140	1,020	615	615	450	445	400	410
Nebraska	940	960	860	880	580	580	400	450
North Carolina	3,150	3,100	2,200	2,030	1,750	1,680	1,430	1,440
Ohio	670	710	560	560	435	420	240	250
Oklahoma	830	800	410	380	260	250	470	500
Pennsylvania	275	235	355	370	210	195	205	210
South Dakota	385	380	290	330	215	235	200	205
Texas	185	195	140	165	135	145	185	185
Utah	290	285	140	130	130	130	130	130
Other States ¹	1,038	901	660	634	549	562	575	551
United States	19,613	19,696	17,395	17,459	12,674	12,762	10,520	10,876

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

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	580	104	710	730	103
Illinois	480	480	100	3,770	3,920	104	4,250	4,400	104
Indiana	280	290	104	3,320	3,360	101	3,600	3,650	101
Iowa	1,020	1,020	100	17,980	18,080	101	19,000	19,100	101
Kansas	180	170	94	1,630	1,650	101	1,810	1,820	101
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	8,160	94	9,600	9,000	94
Ohio	165	170	103	1,845	1,870	101	2,010	2,040	101
Oklahoma	410	410	100	1,880	1,930	103	2,290	2,340	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	610	87	760	670	88
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	59,147	100	64,887	64,925	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

[Weight groups may not add to market hogs and pigs due to rounding]

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	275	115	105	50	70	125	130
Illinois	1,200	1,280	1,150	1,180	730	730	690	730
Indiana	1,080	1,040	970	950	640	670	630	700
Iowa	4,430	4,600	5,700	5,600	4,430	4,330	3,420	3,550
Kansas	480	500	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	2,950	2,200	1,970	1,760	1,660	1,620	1,580
Ohio	635	665	540	545	395	400	275	260
Oklahoma	780	800	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	170	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	18,705	18,864	16,782	16,519	12,299	12,233	11,252	11,531

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

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2010-2012

[December preceding year. May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2010	2011	2012 ²	2012 as percent of 2011	2010	2011	2010	2011	2011 as percent of 2010
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	71	70	72	103	9.60	9.90	682	693	102
Illinois	260	250	250	100	9.40	9.60	2,444	2,400	98
Indiana	140	145	155	107	9.40	9.50	1,316	1,378	105
Iowa	465	480	480	100	9.75	9.80	4,534	4,704	104
Kansas	82	80	96	120	9.35	9.25	767	740	96
Michigan	54	51	52	102	9.80	9.80	529	500	95
Minnesota	265	285	290	102	9.90	10.15	2,624	2,893	110
Missouri	195	175	190	109	9.50	10.10	1,853	1,768	95
Nebraska	170	175	180	103	10.00	10.10	1,700	1,768	104
North Carolina	490	445	430	97	9.50	9.70	4,655	4,317	93
Ohio	89	89	89	100	9.35	9.40	832	837	101
Oklahoma	190	185	180	97	9.45	9.65	1,796	1,785	99
Pennsylvania	47	47	46	98	9.70	10.00	456	470	103
South Dakota	79	88	84	95	10.20	10.30	806	906	112
Texas	29	32	35	109	8.70	8.70	252	278	110
Utah	39	40	35	88	9.80	9.80	382	392	103
Other States ³	207	207	193	93	9.51	9.86	1,969	2,040	104
United States	2,872	2,844	2,857	100	9.61	9.80	27,597	27,869	101

¹ Number of pigs born December-February that were still on hand March 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: March-May 2010 and 2011

[May not add due to rounding]

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	72	71	99	9.90	9.80	713	696	98
Illinois	270	250	93	9.50	9.95	2,565	2,488	97
Indiana	145	145	100	9.60	9.55	1,392	1,385	99
Iowa	470	480	102	9.95	10.30	4,677	4,944	106
Kansas	84	84	100	9.35	9.40	785	790	101
Michigan	53	52	98	9.70	10.00	514	520	101
Minnesota	280	290	104	10.15	10.35	2,842	3,002	106
Missouri	190	185	97	10.05	10.30	1,910	1,906	100
Nebraska	180	180	100	10.15	10.30	1,827	1,854	101
North Carolina	485	445	92	9.70	9.85	4,705	4,383	93
Ohio	89	90	101	9.50	9.45	846	851	101
Oklahoma	190	190	100	9.75	9.75	1,853	1,853	100
Pennsylvania	49	46	94	9.80	10.20	480	469	98
South Dakota	86	91	106	10.30	10.40	886	946	107
Texas	30	34	113	8.50	8.80	255	299	117
Utah	42	40	95	10.00	10.40	420	416	99
Other States ²	214	204	95	9.61	10.02	2,060	2,049	99
United States	2,929	2,877	98	9.81	10.03	28,730	28,851	100

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

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

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2010 and 2011

[May not add due to rounding]

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	73	72	99	9.95	10.00	726	720	99
Illinois	265	255	96	9.55	9.90	2,531	2,525	100
Indiana	145	150	103	9.40	9.55	1,363	1,433	105
Iowa	475	485	102	9.95	10.30	4,726	4,996	106
Kansas	84	88	105	9.45	9.45	794	832	105
Michigan	52	51	98	9.90	10.00	515	510	99
Minnesota	280	290	104	10.20	10.25	2,856	2,973	104
Missouri	190	190	100	9.80	10.50	1,862	1,995	107
Nebraska	175	175	100	10.30	10.50	1,803	1,838	102
North Carolina	495	450	91	9.75	9.85	4,826	4,433	92
Ohio	91	89	98	9.55	9.60	869	854	98
Oklahoma	190	190	100	9.70	9.65	1,843	1,834	100
Pennsylvania	50	46	92	9.50	10.20	475	469	99
South Dakota	88	89	101	10.30	10.20	906	908	100
Texas	32	36	113	8.30	8.60	266	310	117
Utah	42	41	98	10.30	10.40	433	426	98
Other States ²	217	204	94	9.59	9.95	2,077	2,028	98
United States	2,944	2,901	99	9.81	10.03	28,871	29,084	101

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

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

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

[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	69	71	70	99	9.50	9.70	656	689	105
Illinois	255	260	255	98	9.45	9.60	2,410	2,496	104
Indiana	135	145	145	100	9.55	9.60	1,289	1,392	108
Iowa	480	480	485	101	9.80	10.05	4,704	4,824	103
Kansas	84	79	94	119	9.35	9.45	785	747	95
Michigan	56	52	51	98	9.80	9.90	549	515	94
Minnesota	275	285	290	102	10.05	10.15	2,764	2,893	105
Missouri	190	180	185	103	9.90	10.00	1,881	1,800	96
Nebraska	175	180	180	100	10.00	10.10	1,750	1,818	104
North Carolina	510	455	440	97	9.60	10.00	4,896	4,550	93
Ohio	87	90	87	97	9.40	9.40	818	846	103
Oklahoma	185	185	180	97	9.50	9.70	1,758	1,795	102
Pennsylvania	46	49	46	94	9.90	10.10	455	495	109
South Dakota	80	88	86	98	10.10	10.30	808	906	112
Texas	30	30	37	123	9.35	8.60	281	258	92
Utah	40	41	41	100	9.80	10.05	392	412	105
Other States ³	218	211	202	96	9.47	9.73	2,064	2,053	99
United States	2,915	2,881	2,874	100	9.70	9.89	28,260	28,489	101

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

² Intentions.

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

Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2010 and 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	953	9.62	9.81	9,358	9,345
January	960	954	9.58	9.76	9,197	9,312
February	940	937	9.62	9.83	9,042	9,212
March	982	970	9.76	10.02	9,588	9,721
April	972	950	9.84	10.02	9,560	9,518
May	976	957	9.82	10.04	9,582	9,612
June	990	980	9.78	10.04	9,679	9,839
July	980	956	9.83	10.00	9,637	9,559
August	973	965	9.82	10.04	9,555	9,686
September	982		9.91		9,734	
October	954		9.90		9,450	
November	945		9.85		9,305	
Total	11,626		9.78		113,686	

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 September 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 September 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 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 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 66.6 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 September 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	787	90	3,067	14	6
Pig crop	2.1	3.6	439	0	1,644	12	8
Expected farrowings							
Next quarter	2.5	4.3	49	0	216	14	6
Following quarter	2.6	4.6	53	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

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Sherry Bertramsen – Livestock Slaughter	(515) 284-4340
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Mike Miller – Milk Production and Milk Cows	(202) 720-3278
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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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