



Quarterly Hogs and Pigs

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United States Hog Inventory Up Slightly

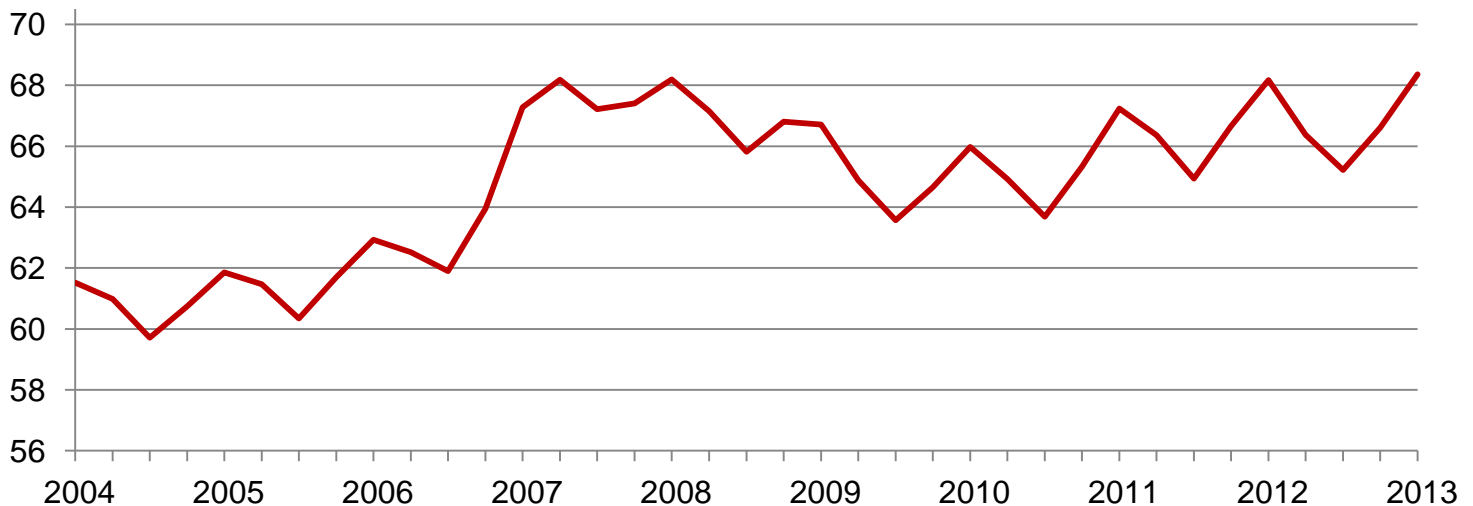
United States inventory of all hogs and pigs on September 1, 2013 was 68.4 million head. This was up slightly from September 1, 2012, and up 3 percent from June 1, 2013.

Breeding inventory, at 5.81 million head, was up slightly from last year, but down 1 percent from the previous quarter. **Market hog inventory**, at 62.5 million head, was up slightly from last year, and up 3 percent from last quarter.

The June-August 2013 pig crop, at 30.2 million head, was up 2 percent from 2012. Sows farrowing during this period totaled 2.92 million head, down slightly from 2012. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was a record high 10.33 for the June-August period, compared to 10.13 last year. Pigs saved per litter by size of operation ranged from 7.80 for operations with 1-99 hogs and pigs to 10.40 for operations with more than 5,000 hogs and pigs.

Quarterly Hogs and Pigs Inventory – United States: September 1

Million head



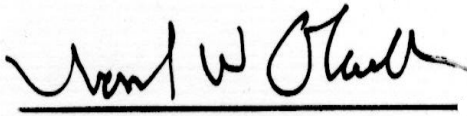
United States hog producers intend to have 2.90 million sows farrow during the September-November 2013 quarter, up slightly from the actual farrowings during the same period in 2012, but down 1 percent from 2011. Intended farrowings for December-February 2014, at 2.87 million sows, are up 1 percent from 2013, and up slightly from 2012.

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, down from 47 percent last year.

Revisions

All inventory and pig crop estimates for September 2012 through June 2013 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 one percent was made to the March 2013 total inventory. An adjustment of less than one half of one percent was made to the June 2013 total inventory. An adjustment of less than one and one half percent was made to the December-February 2013 pig crop.

This report was approved on September 27, 2013.



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: 2012 and 2013

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

Item	2012	2013	2013 as percent of 2012
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory ¹			
All hogs and pigs	64,937	65,221	100
Kept for breeding	5,820	5,834	100
Market	59,117	59,387	100
Market hogs and pigs by weight groups			
Under 50 pounds	19,235	19,196	100
50-119 pounds	16,409	16,450	100
120-179 pounds	12,780	12,911	101
180 pounds and over	10,693	10,830	101
June 1 inventory ¹			
All hogs and pigs	66,659	66,602	100
Kept for breeding	5,862	5,882	100
Market	60,797	60,720	100
Market hogs and pigs by weight groups			
Under 50 pounds	19,871	19,676	99
50-119 pounds	18,119	18,052	100
120-179 pounds	12,203	12,314	101
180 pounds and over	10,604	10,678	101
September 1 inventory ¹			
All hogs and pigs	68,172	68,360	100
Kept for breeding	5,788	5,814	100
Market	62,384	62,546	100
Market hogs and pigs by weight groups			
Under 50 pounds	19,900	20,085	101
50-119 pounds	17,899	18,087	101
120-179 pounds	13,090	13,284	101
180 pounds and over	11,495	11,090	96
December 1 inventory ¹			
All hogs and pigs	66,373		
Kept for breeding	5,817		
Market	60,556		
Market hogs and pigs by weight groups			
Under 50 pounds	19,300		
50-119 pounds	16,751		
120-179 pounds	12,634		
180 pounds and over	11,871		

¹ May not add due to rounding.

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2011-2014

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

Item	2011	2012	2013	2014	2013 as percent of		2014 as percent of 2013
					2011	2012	
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)	(percent)
Sows farrowing							
December-February ^{1 2}	2,843	2,864	2,844	2,870	100	99	101
March-May	2,917	2,982	2,921		100	98	
December-May ^{1 3}	5,760	5,847	5,765		100	99	
June-August	2,927	2,928	2,925		100	100	
September-November ⁴	2,929	2,888	2,900		99	100	
June-November ^{3 5}	5,857	5,817	5,825		99	100	
Pig crop							
December-February ¹	27,866	28,550	28,662		103	100	
March-May	29,252	30,077	30,111		103	100	
December-May ^{1 3}	57,118	58,627	58,773		103	100	
June-August	29,355	29,654	30,210		103	102	
September-November	29,365	29,320					
June-November ³	58,720	58,974					
	(number)	(number)	(number)	(number)	(percent)	(percent)	(percent)
Pigs per litter							
December-February ¹	9.80	9.97	10.08		103	101	
March-May	10.03	10.09	10.31		103	102	
December-May ¹	9.92	10.03	10.19		103	102	
June-August	10.03	10.13	10.33		103	102	
September-November	10.02	10.15					
June-November	10.03	10.14					

¹ December preceding year.

² Intentions for 2014.

³ May not add due to rounding.

⁴ Intentions for 2013.

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

Pigs per Litter by Size of Operation – United States: 2012 and 2013

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

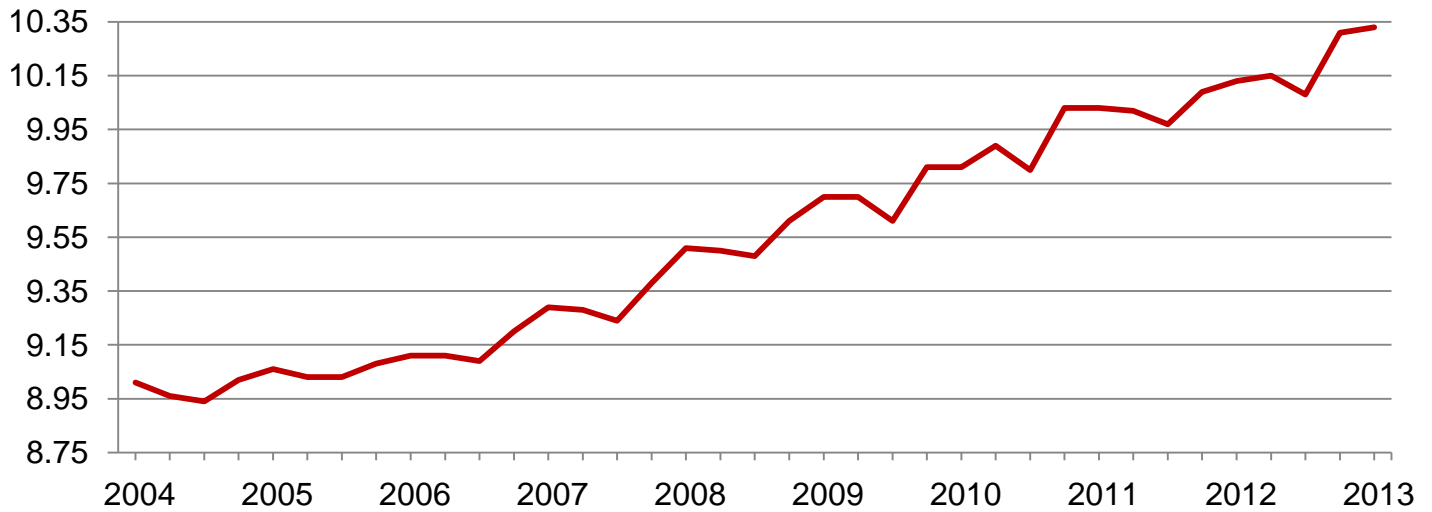
Pig crop	Pigs per litter on operations having ¹					
	1-99 head	100-499 head	500-999 head	1,000-1,999 head	2,000-4,999 head	5,000+ head
	(number)	(number)	(number)	(number)	(number)	(number)
2012						
December-February ²	7.30	8.20	8.80	9.20	9.80	10.00
March-May	7.50	8.40	9.00	9.40	10.00	10.20
June-August	7.60	8.40	9.00	9.40	10.00	10.20
September-November	7.60	8.40	9.00	9.50	10.00	10.20
2013						
December-February ²	7.50	8.30	8.90	9.40	9.90	10.10
March-May	7.70	8.60	9.20	9.70	10.20	10.40
June-August	7.80	8.70	9.30	9.70	10.20	10.40
September-November						

¹ Pigs per litter rounded to the nearest tenth.

² December preceding year.

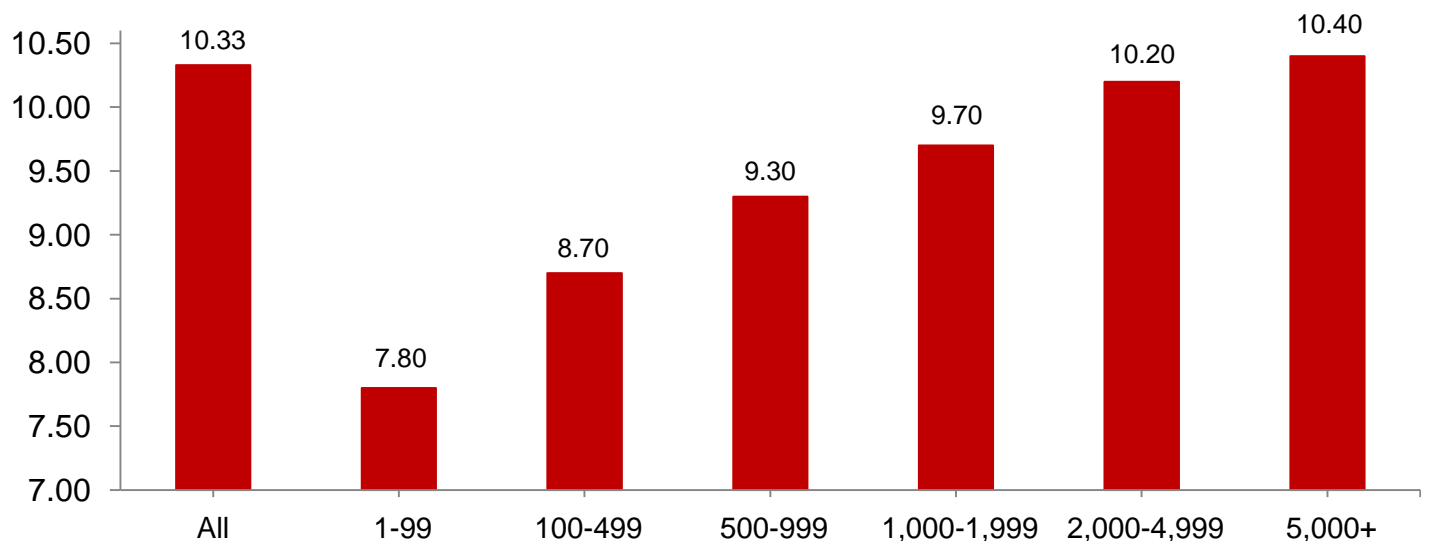
Quarterly Litter Rate – United States

Number head



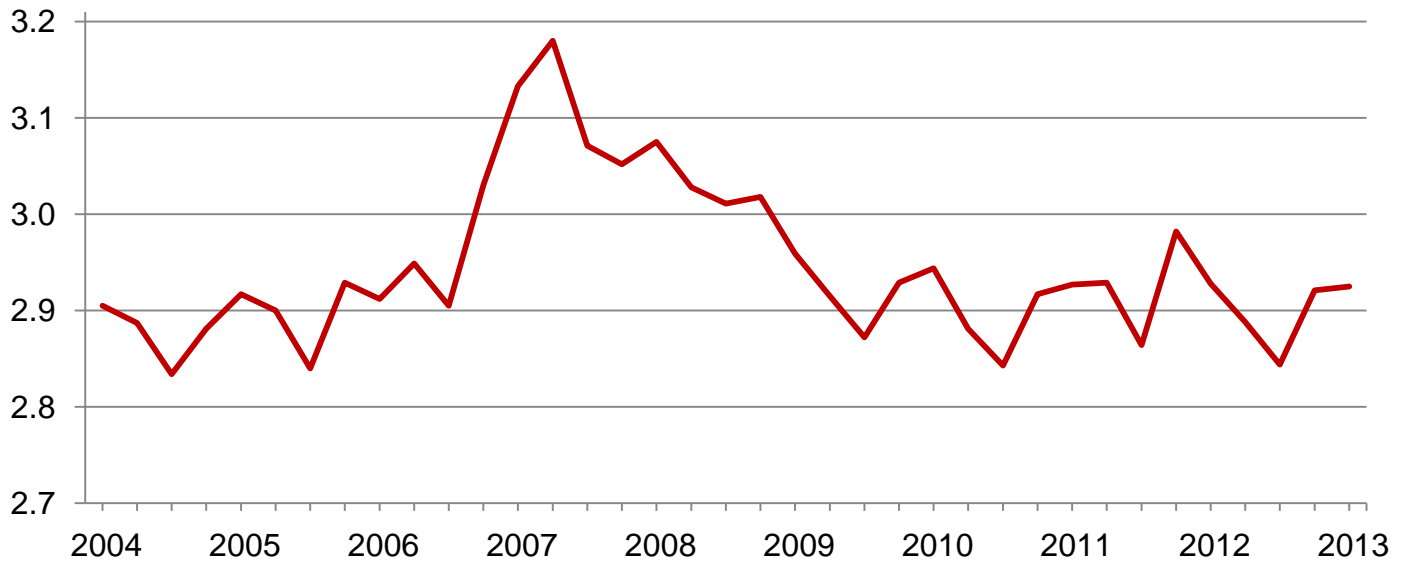
Pigs per Litter by Size of Operation – United States: June-August 2013

Number head



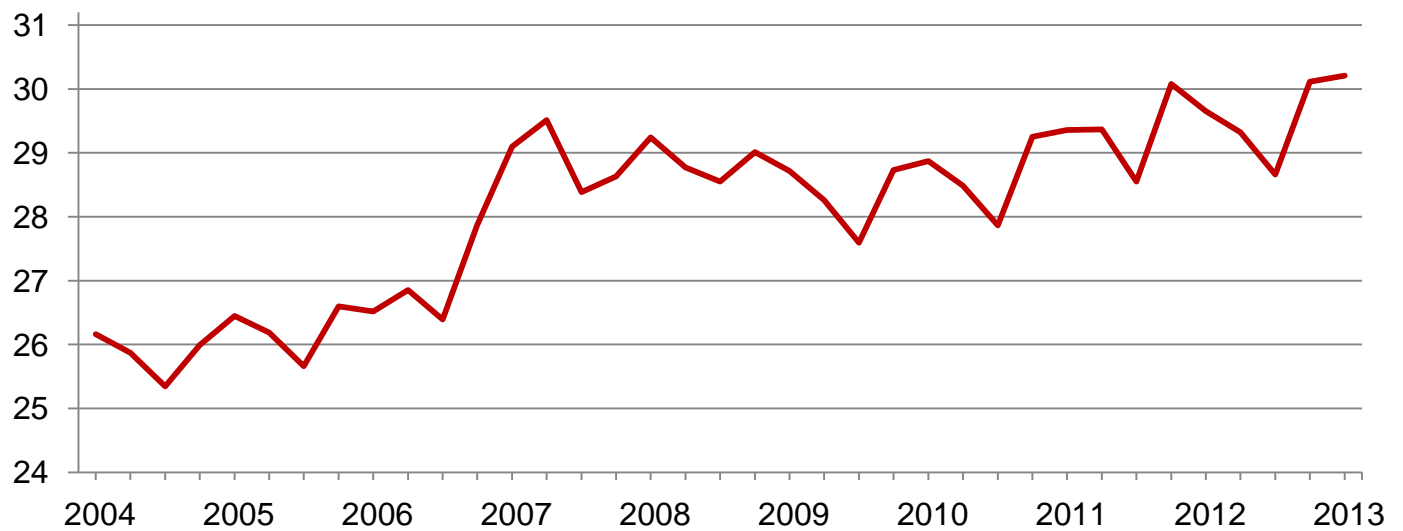
Quarterly Sows Farrowed – United States

Million head



Quarterly Pig Crop – United States

Million head



Breeding, Market, and Total Inventory – States and United States: March 1, 2012 and 2013

[May not add due to rounding]

State	Breeding			Market			Total		
	2012	2013	2013 as percent of 2012	2012	2013	2013 as percent of 2012	2012	2013	2013 as percent of 2012
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	145	97	580	575	99	730	720	99
Illinois	510	490	96	4,140	4,110	99	4,650	4,600	99
Indiana	290	270	93	3,410	3,330	98	3,700	3,600	97
Iowa	1,010	1,020	101	18,690	19,180	103	19,700	20,200	103
Kansas	170	170	100	1,650	1,630	99	1,820	1,800	99
Michigan	110	110	100	900	950	106	1,010	1,060	105
Minnesota	550	570	104	7,050	7,080	100	7,600	7,650	101
Missouri	360	340	94	2,290	2,410	105	2,650	2,750	104
Nebraska	390	390	100	2,710	2,610	96	3,100	3,000	97
North Carolina	860	870	101	7,740	7,830	101	8,600	8,700	101
Ohio	165	165	100	1,965	1,935	98	2,130	2,100	99
Oklahoma	410	410	100	1,930	1,880	97	2,340	2,290	98
Pennsylvania	100	100	100	990	1,040	105	1,090	1,140	105
South Dakota	175	175	100	1,115	975	87	1,290	1,150	89
Texas	90	105	117	730	605	83	820	710	87
Utah	75	80	107	645	660	102	720	740	103
Other States ¹	405	424	105	2,582	2,587	100	2,987	3,011	101
United States	5,820	5,834	100	59,117	59,387	100	64,937	65,221	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, 2012 and 2013

[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	
	2012	2013	2012	2013	2012	2013	2012	2013
	(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	275	280	100	95	95	80	110	120
Illinois	1,380	1,310	1,260	1,220	800	790	700	790
Indiana	1,100	1,010	910	1,000	700	660	700	660
Iowa	4,930	5,090	5,820	5,900	4,640	4,800	3,300	3,390
Kansas	500	470	355	360	275	290	520	510
Michigan	290	290	200	215	215	225	195	220
Minnesota	2,360	2,420	2,180	2,110	1,570	1,550	940	1,000
Missouri	1,000	1,070	530	535	370	395	390	410
Nebraska	880	870	790	740	605	580	435	420
North Carolina	3,030	3,020	1,810	1,900	1,560	1,600	1,340	1,310
Ohio	690	660	550	560	435	450	290	265
Oklahoma	790	800	380	340	260	250	500	490
Pennsylvania	250	245	340	340	200	225	200	230
South Dakota	360	330	300	270	250	195	205	180
Texas	225	130	145	150	135	145	225	180
Utah	270	290	125	120	130	130	120	120
Other States ¹	905	911	614	595	540	546	523	535
United States	19,235	19,196	16,409	16,450	12,780	12,911	10,693	10,830

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

Breeding, Market, and Total Inventory – States and United States: June 1, 2012 and 2013

[May not add due to rounding]

State	Breeding			Market			Total		
	2012	2013	2013 as percent of 2012	2012	2013	2013 as percent of 2012	2012	2013	2013 as percent of 2012
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	145	97	570	575	101	720	720	100
Illinois	500	500	100	4,200	4,250	101	4,700	4,750	101
Indiana	280	270	96	3,520	3,330	95	3,800	3,600	95
Iowa	1,020	1,030	101	19,380	19,370	100	20,400	20,400	100
Kansas	170	170	100	1,620	1,710	106	1,790	1,880	105
Michigan	110	110	100	910	920	101	1,020	1,030	101
Minnesota	560	580	104	7,340	7,370	100	7,900	7,950	101
Missouri	365	350	96	2,435	2,400	99	2,800	2,750	98
Nebraska	385	400	104	2,765	2,700	98	3,150	3,100	98
North Carolina	870	870	100	8,030	8,330	104	8,900	9,200	103
Ohio	170	160	94	1,990	2,010	101	2,160	2,170	100
Oklahoma	410	410	100	1,880	1,850	98	2,290	2,260	99
Pennsylvania	100	100	100	1,010	1,050	104	1,110	1,150	104
South Dakota	180	180	100	1,130	980	87	1,310	1,160	89
Texas	100	100	100	780	540	69	880	640	73
Utah	80	75	94	630	665	106	710	740	104
Other States ¹	412	432	105	2,607	2,670	102	3,019	3,102	103
United States	5,862	5,882	100	60,797	60,720	100	66,659	66,602	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, 2012 and 2013

[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	
	2012	2013	2012	2013	2012	2013	2012	2013
	(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	285	95	95	80	80	105	115
Illinois	1,340	1,330	1,290	1,430	770	740	800	750
Indiana	1,100	1,010	1,090	1,090	680	630	650	600
Iowa	5,140	5,140	6,370	6,240	4,630	4,700	3,240	3,290
Kansas	500	480	400	405	250	260	470	565
Michigan	280	290	220	240	205	180	205	210
Minnesota	2,520	2,580	2,410	2,410	1,380	1,410	1,030	970
Missouri	1,055	1,080	625	580	390	340	365	400
Nebraska	900	900	870	810	555	560	440	430
North Carolina	3,210	3,160	2,080	2,220	1,480	1,600	1,260	1,350
Ohio	690	645	605	605	410	480	285	280
Oklahoma	800	800	390	370	210	210	480	470
Pennsylvania	250	260	385	365	175	205	200	220
South Dakota	385	340	335	285	215	180	195	175
Texas	200	95	180	145	150	100	250	200
Utah	290	285	120	130	110	125	110	125
Other States ¹	921	996	654	632	513	514	519	528
United States	19,871	19,676	18,119	18,052	12,203	12,314	10,604	10,678

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

Breeding, Market, and Total Inventory – States and United States: September 1, 2012 and 2013

[May not add due to rounding]

State	Breeding			Market			Total		
	2012	2013	2013 as percent of 2012	2012	2013	2013 as percent of 2012	2012	2013	2013 as percent of 2012
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	145	97	590	565	96	740	710	96
Illinois	490	500	102	4,210	4,250	101	4,700	4,750	101
Indiana	280	270	96	3,520	3,580	102	3,800	3,850	101
Iowa	1,000	1,000	100	19,800	20,200	102	20,800	21,200	102
Kansas	170	170	100	1,730	1,670	97	1,900	1,840	97
Michigan	110	110	100	930	960	103	1,040	1,070	103
Minnesota	560	550	98	7,590	7,400	97	8,150	7,950	98
Missouri	360	350	97	2,540	2,750	108	2,900	3,100	107
Nebraska	380	400	105	2,820	2,750	98	3,200	3,150	98
North Carolina	870	880	101	8,530	8,620	101	9,400	9,500	101
Ohio	165	165	100	1,975	1,975	100	2,140	2,140	100
Oklahoma	410	420	102	1,920	1,810	94	2,330	2,230	96
Pennsylvania	95	100	105	1,025	1,070	104	1,120	1,170	104
South Dakota	175	170	97	1,125	1,000	89	1,300	1,170	90
Texas	90	85	94	770	525	68	860	610	71
Utah	80	80	100	660	670	102	740	750	101
Other States ¹	403	419	104	2,649	2,751	104	3,052	3,170	104
United States	5,788	5,814	100	62,384	62,546	100	68,172	68,360	100

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, 2012 and 2013

[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	
	2012	2013	2012	2013	2012	2013	2012	2013
	(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	285	90	90	90	80	120	110
Illinois	1,380	1,330	1,260	1,370	750	740	820	810
Indiana	1,070	1,100	1,080	1,090	660	680	710	710
Iowa	5,100	5,300	6,330	6,490	4,800	5,000	3,570	3,410
Kansas	520	485	390	360	310	290	510	535
Michigan	300	305	220	230	215	200	195	225
Minnesota	2,530	2,550	2,310	2,280	1,600	1,580	1,150	990
Missouri	1,085	1,230	625	650	390	420	440	450
Nebraska	910	900	820	810	600	600	490	440
North Carolina	3,190	3,160	2,190	2,240	1,700	1,800	1,450	1,420
Ohio	660	620	605	610	445	460	265	285
Oklahoma	810	790	380	345	260	195	470	480
Pennsylvania	240	255	375	355	200	235	210	225
South Dakota	390	355	300	285	225	195	210	165
Texas	230	125	170	115	150	120	220	165
Utah	290	285	130	130	125	130	115	125
Other States ¹	905	1,010	624	637	570	559	550	545
United States	19,900	20,085	17,899	18,087	13,090	13,284	11,495	11,090

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

Breeding, Market, and Total Inventory – States and United States: December 1, 2011 and 2012

[May not add due to rounding]

State	Breeding			Market			Total		
	2011	2012	2012 as percent of 2011	2011	2012	2012 as percent of 2011	2011	2012	2012 as percent of 2011
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	145	97	570	575	101	720	720	100
Illinois	480	490	102	4,170	4,110	99	4,650	4,600	99
Indiana	300	280	93	3,500	3,520	101	3,800	3,800	100
Iowa	1,010	1,030	102	18,990	19,570	103	20,000	20,600	103
Kansas	170	170	100	1,720	1,730	101	1,890	1,900	101
Michigan	110	110	100	940	980	104	1,050	1,090	104
Minnesota	560	560	100	7,240	7,090	98	7,800	7,650	98
Missouri	355	350	99	2,395	2,400	100	2,750	2,750	100
Nebraska	385	380	99	2,765	2,620	95	3,150	3,000	95
North Carolina	850	860	101	8,050	8,140	101	8,900	9,000	101
Ohio	170	165	97	2,030	1,885	93	2,200	2,050	93
Oklahoma	410	420	102	1,890	1,900	101	2,300	2,320	101
Pennsylvania	100	100	100	1,030	1,040	101	1,130	1,140	101
South Dakota	170	165	97	1,230	1,035	84	1,400	1,200	86
Texas	90	85	94	730	735	101	820	820	100
Utah	80	80	100	680	660	97	760	740	97
Other States ¹	413	427	103	2,628	2,566	98	3,041	2,993	98
United States	5,803	5,817	100	60,558	60,556	100	66,361	66,373	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, 2011 and 2012

[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	
	2011	2012	2011	2012	2011	2012	2011	2012
	(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	265	270	105	85	65	85	135	135
Illinois	1,290	1,290	1,330	1,200	750	750	800	870
Indiana	1,160	1,040	990	1,010	630	710	720	760
Iowa	5,100	5,120	5,750	6,030	4,540	4,750	3,600	3,670
Kansas	510	500	350	410	290	290	570	530
Michigan	300	300	200	210	220	230	220	240
Minnesota	2,450	2,430	2,180	2,150	1,440	1,430	1,170	1,080
Missouri	1,000	1,045	540	560	415	370	440	425
Nebraska	900	870	800	720	595	550	470	480
North Carolina	3,050	3,020	1,870	1,960	1,560	1,615	1,570	1,545
Ohio	710	645	575	555	445	415	300	270
Oklahoma	780	800	360	350	240	240	510	510
Pennsylvania	245	250	350	355	210	205	225	230
South Dakota	385	350	330	290	265	190	250	205
Texas	200	180	160	155	145	160	225	240
Utah	280	275	130	130	130	125	140	130
Other States ¹	899	915	623	581	533	519	573	551
United States	19,524	19,300	16,643	16,751	12,473	12,634	11,918	11,871

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 2012-2014

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

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2012	2013	2014 ²	2014 as percent of 2013	2012	2013	2012	2013	2013 as percent of 2012
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	70	70	72	103	9.95	9.60	697	672	96
Illinois	255	250	265	106	9.90	10.10	2,525	2,525	100
Indiana	145	140	135	96	9.50	9.55	1,378	1,337	97
Iowa	475	475	475	100	10.30	10.35	4,893	4,916	100
Kansas	83	80	85	106	9.30	9.80	772	784	102
Michigan	50	54	49	91	9.90	10.25	495	554	112
Minnesota	290	285	285	100	10.00	10.55	2,900	3,007	104
Missouri	185	180	190	106	10.40	10.35	1,924	1,863	97
Nebraska	175	165	165	100	10.40	10.50	1,820	1,733	95
North Carolina	440	450	455	101	9.90	9.50	4,356	4,275	98
Ohio	88	87	88	101	9.70	10.10	854	879	103
Oklahoma	190	190	190	100	9.75	10.20	1,853	1,938	105
Pennsylvania	49	45	47	104	9.80	10.30	480	464	97
South Dakota	88	88	87	99	10.20	10.60	898	933	104
Texas	42	38	44	116	8.60	8.60	361	327	91
Utah	41	43	41	95	9.90	9.90	406	426	105
Other States ³	198	204	197	97	9.78	9.94	1,938	2,029	105
United States	2,864	2,844	2,870	101	9.97	10.08	28,550	28,662	100

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 2012 and 2013

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2012	2013	2013 as percent of 2012	2012	2013	2012	2013	2013 as percent of 2012
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	72	71	99	9.95	9.50	716	675	94
Illinois	255	255	100	10.10	10.30	2,576	2,627	102
Indiana	150	135	90	9.75	9.85	1,463	1,330	91
Iowa	495	495	100	10.40	10.50	5,148	5,198	101
Kansas	88	82	93	9.45	9.95	832	816	98
Michigan	51	53	104	10.10	10.20	515	541	105
Minnesota	305	300	98	10.25	10.70	3,126	3,210	103
Missouri	190	190	100	10.30	10.50	1,957	1,995	102
Nebraska	180	170	94	10.55	10.75	1,899	1,828	96
North Carolina	470	470	100	9.90	10.05	4,653	4,724	102
Ohio	93	83	89	9.85	10.30	916	855	93
Oklahoma	195	190	97	9.80	10.30	1,911	1,957	102
Pennsylvania	50	46	92	9.90	10.20	495	469	95
South Dakota	95	91	96	10.40	10.90	988	992	100
Texas	49	39	80	8.70	8.90	426	347	81
Utah	42	42	100	10.25	10.30	431	433	100
Other States ²	202	209	103	10.01	10.11	2,025	2,114	104
United States	2,982	2,921	98	10.09	10.31	30,077	30,111	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 2012 and 2013

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2012	2013	2013 as percent of 2012	2012	2013	2012	2013	2013 as percent of 2012
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	66	72	109	9.50	9.50	627	684	109
Illinois	250	260	104	10.10	10.20	2,525	2,652	105
Indiana	150	135	90	9.70	10.10	1,455	1,364	94
Iowa	495	485	98	10.45	10.60	5,173	5,141	99
Kansas	86	83	97	9.80	10.05	843	834	99
Michigan	52	53	102	10.10	10.10	525	535	102
Minnesota	310	295	95	10.35	10.80	3,209	3,186	99
Missouri	185	195	105	10.60	10.40	1,961	2,028	103
Nebraska	170	165	97	10.50	10.85	1,785	1,790	100
North Carolina	455	470	103	9.90	10.10	4,505	4,747	105
Ohio	90	91	101	9.95	10.40	896	946	106
Oklahoma	190	190	100	9.95	10.30	1,891	1,957	103
Pennsylvania	49	49	100	10.10	10.20	495	500	101
South Dakota	95	86	91	10.10	10.90	960	937	98
Texas	46	43	93	8.50	8.30	391	357	91
Utah	42	43	102	10.20	10.00	428	430	100
Other States ²	197	210	106	10.06	10.12	1,985	2,122	107
United States	2,928	2,925	100	10.13	10.33	29,654	30,210	102

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 2011-2013

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2011	2012	2013 ²	2013 as percent of 2012	2011	2012	2011	2012	2012 as percent of 2011
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	71	68	72	106	9.60	9.95	682	677	99
Illinois	255	245	255	104	9.90	10.00	2,525	2,450	97
Indiana	150	140	135	96	9.45	9.95	1,418	1,393	98
Iowa	490	505	480	95	10.40	10.30	5,096	5,202	102
Kansas	87	80	86	108	9.00	9.80	783	784	100
Michigan	52	53	49	92	10.00	10.20	520	541	104
Minnesota	295	295	290	98	10.30	10.40	3,039	3,068	101
Missouri	185	185	195	105	10.55	10.35	1,952	1,915	98
Nebraska	180	170	170	100	10.40	10.50	1,872	1,785	95
North Carolina	450	450	460	102	9.90	10.10	4,455	4,545	102
Ohio	92	91	89	98	9.80	10.00	902	910	101
Oklahoma	190	185	190	103	9.70	10.15	1,843	1,878	102
Pennsylvania	51	50	48	96	9.90	10.10	505	505	100
South Dakota	90	90	88	98	10.40	10.40	936	936	100
Texas	41	41	44	107	8.60	8.60	353	353	100
Utah	42	41	41	100	10.10	10.40	424	426	100
Other States ³	208	199	208	105	9.88	9.80	2,060	1,952	95
United States	2,929	2,888	2,900	100	10.02	10.15	29,365	29,320	100

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 2012 and 2013

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

Month	Sows farrowing ¹		Pigs per litter		Pig crop ¹	
	2012	2013	2012	2013	2012	2013
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December ²	951	943	9.97	10.01	9,473	9,442
January	961	951	9.95	10.07	9,562	9,572
February	952	950	9.99	10.15	9,516	9,648
March	1,006	987	10.04	10.24	10,100	10,105
April	983	964	10.10	10.30	9,929	9,928
May	993	971	10.12	10.38	10,048	10,078
June	983	977	10.14	10.31	9,965	10,080
July	970	971	10.11	10.30	9,809	10,000
August	976	976	10.12	10.38	9,881	10,130
September	985		10.13		9,977	
October	961		10.17		9,769	
November	942		10.16		9,573	
Total	11,663		10.08		117,601	

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 7,500 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 2013, data were collected from about 5,900 operations, 78 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, 2013.

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 0.8 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 68.4 million head by more than 0.8 percent. Chances are 9 out of 10 that the difference will not exceed 1.4 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	0.8	1.4	467	25	980	14	6
Pig crop	1.2	2.1	303	0	636	11	8
Expected farrowings							
Next quarter	1.8	3.0	41	0	111	12	8
Following quarter	1.7	2.9	41	4	107	11	9

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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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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