

# **Quarterly Hogs and Pigs**

ISSN: 1949-1921

Released September 27, 2013, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

#### **United States Hog Inventory Up Slightly**

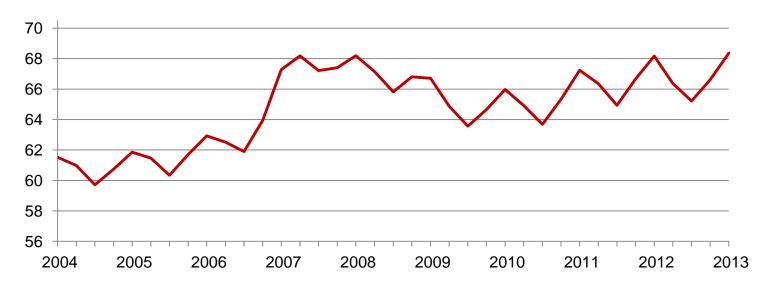
**United States inventory** of all hogs and pigs on September 1, 2013 was 68.4 million head. This was up slightly from September 1, 2012, and up 3 percent from June 1, 2013.

**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 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

# **Contents**

Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2012 and 2013	4
Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2011-2014	5
Pigs per Litter by Size of Operation – United States: 2012 and 2013	5
Quarterly Litter Rate – United States	6
Pigs per Litter by Size of Operation – United States: June-August 2013	6
Quarterly Sows Farrowed – United States	7
Quarterly Pig Crop – United States	7
Breeding, Market, and Total Inventory – States and United States: March 1, 2012 and 2013	8
Market Hogs and Pigs Inventory by Weight Group – States and United States: March 1, 2012 and 2013	8
Breeding, Market, and Total Inventory – States and United States: June 1, 2012 and 2013	9
Market Hogs and Pigs Inventory by Weight Group – States and United States: June 1, 2012 and 2013	9
Breeding, Market, and Total Inventory – States and United States: September 1, 2012 and 2013	10
Market Hogs and Pigs Inventory by Weight Group – States and United States: September 1, 2012 and 2013	10
Breeding, Market, and Total Inventory – States and United States: December 1, 2011 and 2012	11
Market Hogs and Pigs Inventory by Weight Group – States and United States: December 1, 2011 and 2012	11
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2012-2014	12
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2012 and 2013	12
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2012 and 2013	13
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2011-2013	13
Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States:  December-November 2012 and 2013	14
Statistical Methodology	14
Reliability of September 1 Hog Estimates	15
Information Contacts	15

# 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 <sup>1</sup>			
All hogs and pigs		65,221	100
Kept for breeding		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		16,450	100
120-179 pounds		12,911	101
180 pounds and over	. 10,693	10,830	101
June 1 inventory <sup>1</sup>			
All hogs and pigs	. 66,659	66,602	100
Kept for breeding		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		18,052	100
120-179 pounds		12,314	101
180 pounds and over	I	10,678	101
September 1 inventory <sup>1</sup>			
All hogs and pigs	. 68,172	68,360	100
Kept for breeding	I	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		11,090	96
December 1 inventory <sup>1</sup>			
All hogs and pigs	. 66,373		
Kept for breeding			
Market			
Market hogs and pigs by weight groups			
Under 50 pounds	. 19,300		
50-119 pounds			
120-179 pounds	1		
180 pounds and over			

<sup>&</sup>lt;sup>1</sup> 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]

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

December preceding year.
Intentions for 2014.

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

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

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

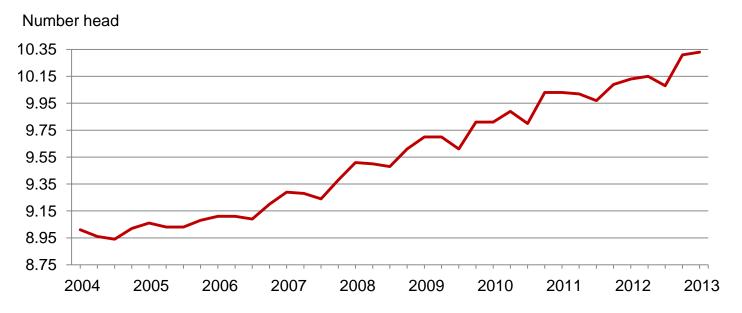
<sup>&</sup>lt;sup>1</sup> Pigs per litter rounded to the nearest tenth. <sup>2</sup> December preceding year.

<sup>&</sup>lt;sup>3</sup> May not add due to rounding.

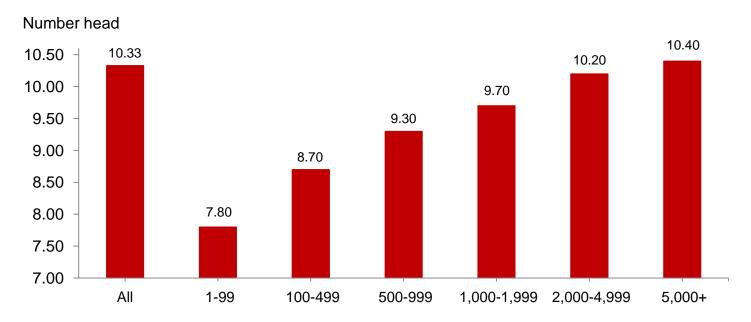
Intentions for 2013.

<sup>&</sup>lt;sup>5</sup> Actual farrowings for June-August plus intentions for September-November.

# **Quarterly Litter Rate – United States**

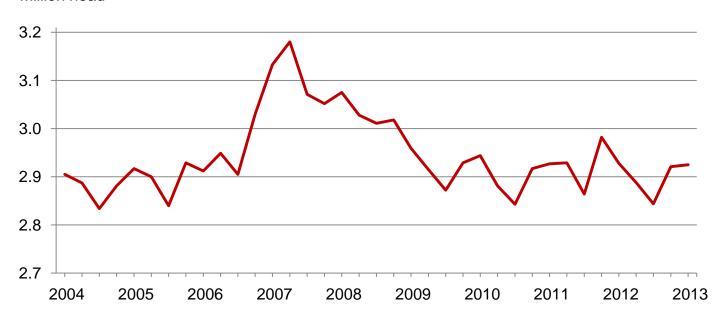


# Pigs per Litter by Size of Operation – United States: June-August 2013



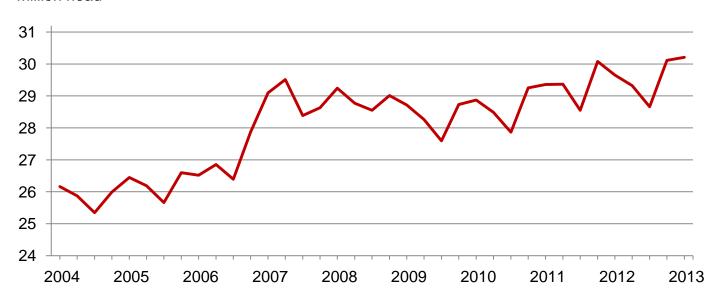
# **Quarterly Sows Farrowed – United States**

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]

		Breeding			Market			Total			
State	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		
lowa	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	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	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 <sup>1</sup>	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		

<sup>&</sup>lt;sup>1</sup> 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

State	Under 50 pounds			119 nds	-	-179 nds	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
lowa	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		2,420	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 <sup>1</sup>	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

<sup>&</sup>lt;sup>1</sup> 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]

		Breeding			Market			Total			
State	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		
lowa	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 <sup>1</sup>	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		

<sup>&</sup>lt;sup>1</sup> 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

State		der ounds	50- pou	119 nds	120- pou	-	180 pounds and over	
	2012	2013	2012	2013	2012	2013	2012	2013
	(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
lowa	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 <sup>1</sup>	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

<sup>&</sup>lt;sup>1</sup> 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]

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

<sup>&</sup>lt;sup>1</sup> 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

State	_	der ounds		119 Inds	_	-179 Inds	180 pounds and over	
	2012	2013	2012	2013	2012	2013	2012	2013
	(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
lowa	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 <sup>1</sup>	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

<sup>&</sup>lt;sup>1</sup> 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]

		Breeding			Market			Total	_
State	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
lowa	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 <sup>1</sup>	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

<sup>&</sup>lt;sup>1</sup> 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

State	_	der ounds		119 Inds	_	-179 Inds	180 pounds and over	
	2011	2012	2011	2012	2011	2012	2011	2012
	(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
lowa	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 <sup>1</sup>	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

<sup>&</sup>lt;sup>1</sup> 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]

		Sows fa	rrowing		Pigs p	er litter	Pig crop <sup>1</sup>			
State	2012	2013	2014 <sup>2</sup>	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	
lowa	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 <sup>3</sup>	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	

<sup>&</sup>lt;sup>1</sup> Number of pigs born December-February that were still on hand March 1, or had been sold.

# Sows Farrowing, Pigs per Litter, and Pig Crop - States and United States: March-May 2012 and 2013

[May not add due to rounding]

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

<sup>&</sup>lt;sup>1</sup> Number of pigs born March-May that were still on hand June 1, or had been sold. <sup>2</sup> Individual State estimates not available for the 34 Other States.

<sup>&</sup>lt;sup>2</sup> Intentions.

<sup>&</sup>lt;sup>3</sup> 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]

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

<sup>&</sup>lt;sup>1</sup> Number of pigs born June-August that were still on hand September 1, or had been sold. <sup>2</sup> 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]

-		Sows fa	arrowing		Pigs po	er litter		Pig crop <sup>1</sup>			
State	2011	2012	2013 <sup>2</sup>	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		
IllinoisIndiana	255 150	245 140	255 135	104 96	9.90 9.45	10.00 9.95	2,525 1,418	2,450 1,393	97 98		
lowa	490	505	480	95	10.40	10.30	5,096	5,202	102		
Kansas Michigan	87 52	80 53	86 49	108 92	9.00 10.00	9.80 10.20	783 520	784 541	100 104		
Minnesota	295	295	290	98	10.30	10.20	3,039	3,068	101		
Missouri	185	185	195	105	10.55	10.35	1,952	1,915	98		
Nebraska North Carolina	180 450	170 450	170 460	100 102	10.40 9.90	10.50 10.10	1,872 4,455	1,785 4,545	95 102		
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 Texas	90 41	90 41	88 44	98 107	10.40 8.60	10.40 8.60	936 353	936 353	100 100		
Utah	42	41	41	100	10.10	10.40	424	426	100		
Other States <sup>3</sup>	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		

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

<sup>&</sup>lt;sup>2</sup> Intentions.

<sup>&</sup>lt;sup>3</sup> 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 far	rowing <sup>1</sup>	Pigs p	er litter	Pig crop <sup>1</sup>		
IVIOTILIT	2012	2013	2012	2013	2012	2013	
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)	
December <sup>2</sup> January February March April May June July August	951 961 952 1,006 983 993 983 970 976	943 951 950 987 964 971 977 971 976	9.97 9.95 9.99 10.04 10.10 10.12 10.14 10.11 10.12	10.01 10.07 10.15 10.24 10.30 10.38 10.31 10.30 10.38	9,473 9,562 9,516 10,100 9,929 10,048 9,965 9,809 9,881	9,442 9,572 9,648 10,105 9,928 10,078 10,080 10,000 10,130	
September October November	985 961 942		10.13 10.17 10.16		9,977 9,769 9,573		
Total	11,663		10.08		117,601		

<sup>&</sup>lt;sup>1</sup> Monthly values may not add to quarterly or annual totals due to rounding.

#### 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.

<sup>&</sup>lt;sup>2</sup> December preceding year.

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]

		90 percent	Difference between first and latest estimate							
Item	Root mean square error	confidence	A., c. r.c. c. c.	Smallest	Lorgoot	Years				
	oquare error	level	Average	Smallest	Largest	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

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
	,
Scott Hollis, Head, Livestock Section	(202) 690-2424
Travis Averill – Cattle, Cattle on Feed	
Doug Bounds – Hogs and Pigs	(202) 720-3106
Alissa Cowell-Mytar – Sheep and Goats	(202) 720-4751
Donnie Fike – Dairy Products	(202) 690-3236
Tiffany Hora – Livestock Slaughter	(515) 284-4340
Mike Miller – Milk Production and Milk Cows	(202) 720-3278

#### **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 <a href="http://www.nass.usda.gov">http://www.nass.usda.gov</a> and in the "Follow NASS" box under "Receive reports by Email," click on "National" or "State" to select the reports you would like to receive.

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 U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the bases of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the <u>USDA Program Discrimination</u> <u>Complaint Form</u> (PDF), found online at <a href="http://www.ascr.usda.gov/complaint\_filing\_cust.html">http://www.ascr.usda.gov/complaint\_filing\_cust.html</a>, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.