



Quarterly Hogs and Pigs

ISSN: 1949-1921

Released March 25, 2016, 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 March 1, 2016 was 67.6 million head. This was up slightly from March 1, 2015, but down 1 percent from December 1, 2015.

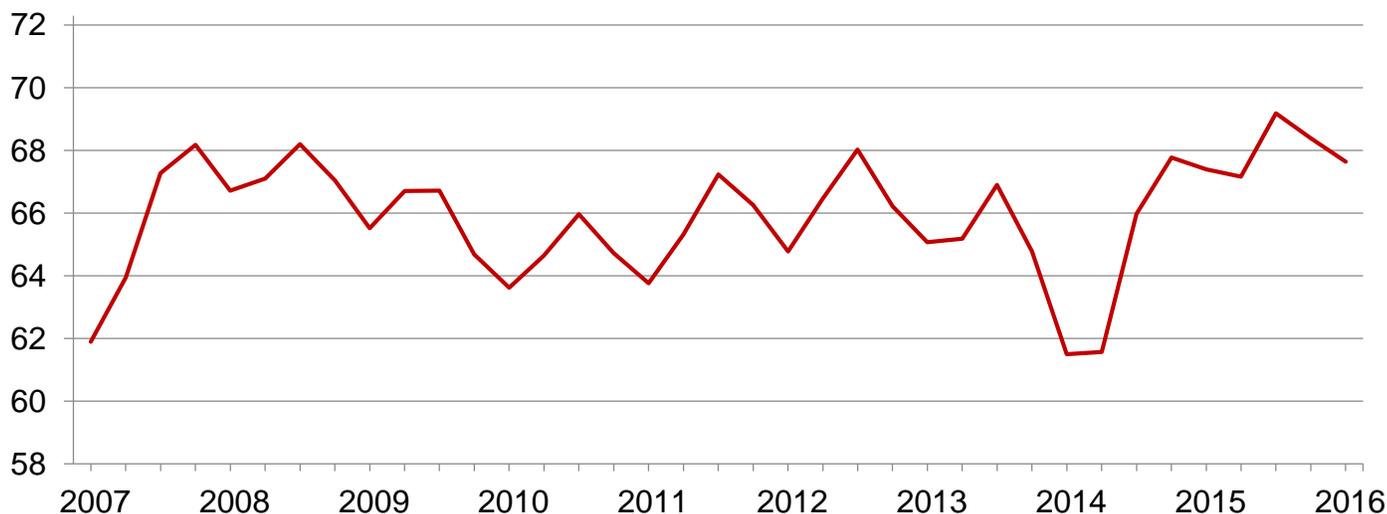
Breeding inventory, at 5.98 million head, was down slightly from last year, and down slightly from the previous quarter.

Market hog inventory, at 61.7 million head, was up slightly from last year, but down 1 percent from last quarter.

The December 2015-February 2016 pig crop, at 29.6 million head, was down slightly from 2015. Sows farrowing during this period totaled 2.87 million head, down 1 percent from 2015. The sows farrowed during this quarter represented 48 percent of the breeding herd. The average pigs saved per litter was a record high 10.30 for the December-February period, compared to 10.23 last year. Pigs saved per litter by size of operation ranged from 8.00 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: March 1

Million head



United States hog producers intend to have 2.84 million sows farrow during the March-May 2016 quarter, down 1 percent from the actual farrowings during the same period in 2015, but up 1 percent from 2014. Intended farrowings for June-August 2016, at 2.91 million sows, are down 3 percent from 2015, and down 3 percent from 2014.

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, unchanged from last year.

Revisions

All inventory and pig crop estimates for March 2015 through December 2015 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The net revision made to the June 2015 all hogs and pigs inventory was 0.4 percent. The net revision made to the September 2015 all hogs and pigs inventory was 1.2 percent. The net revision made to the June-August 2015 pig crop was 2.5 percent. A revision of 0.1 percent was made to the December 2015 all hogs and pigs inventory.

This report was approved on March 25, 2016.



Secretary of Agriculture
Designate
Lanon Baccam



Agricultural Statistics Board
Chairperson
James M. Harris

Contents

Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2015 and 2016	4
Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2014-2016.....	5
Pigs per Litter by Size of Operation – United States: 2015 and 2016	5
Quarterly Litter Rate – United States.....	6
Pigs per Litter by Size of Operation – United States: December 2015-February 2016.....	6
Quarterly Sows Farrowed – United States.....	7
Quarterly Pig Crop – United States.....	7
Breeding, Market, and Total Inventory – States and United States: March 1, 2015 and 2016.....	8
Market Inventory by Weight Group – States and United States: March 1, 2015 and 2016.....	8
Breeding, Market, and Total Inventory – States and United States: June 1, 2014 and 2015	9
Market Inventory by Weight Group – States and United States: June 1, 2014 and 2015.....	9
Breeding, Market, and Total Inventory – States and United States: September 1, 2014 and 2015	10
Market Inventory by Weight Group – States and United States: September 1, 2014 and 2015	10
Breeding, Market, and Total Inventory – States and United States: December 1, 2014 and 2015.....	11
Market Inventory by Weight Group – States and United States: December 1, 2014 and 2015.....	11
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2015 and 2016.....	12
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2014-2016	12
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2014-2016	13
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2014 and 2015.....	13
Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2015 and 2016.....	14
Statistical Methodology	14
Reliability of March 1 Hog Estimates.....	15
Information Contacts	15

Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2015 and 2016

[May not add due to rounding. Blank data cells indicate estimation period has not yet begun]

Item	2015	2016	2016 as percent of 2015
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory			
All hogs and pigs	67,399	67,644	100
Kept for breeding	5,982	5,980	100
Market	61,418	61,664	100
Market hogs and pigs by weight groups			
Under 50 pounds	19,454	19,382	100
50-119 pounds	17,129	17,263	101
120-179 pounds	13,580	13,744	101
180 pounds and over	11,255	11,274	100
June 1 inventory			
All hogs and pigs	67,165		
Kept for breeding	5,926		
Market	61,240		
Market hogs and pigs by weight groups			
Under 50 pounds	19,365		
50-119 pounds	17,461		
120-179 pounds	12,985		
180 pounds and over	11,429		
September 1 inventory			
All hogs and pigs	69,185		
Kept for breeding	5,986		
Market	63,200		
Market hogs and pigs by weight groups			
Under 50 pounds	20,741		
50-119 pounds	18,496		
120-179 pounds	12,855		
180 pounds and over	11,108		
December 1 inventory			
All hogs and pigs	68,389		
Kept for breeding	6,002		
Market	62,387		
Market hogs and pigs by weight groups			
Under 50 pounds	19,508		
50-119 pounds	17,282		
120-179 pounds	13,340		
180 pounds and over	12,256		

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2014-2016

[December preceding year. Blank data cells indicate estimation period has not yet begun]

Item	2014	2015	2016	2016 as percent of	
				2014	2015
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February	2,763	2,895	2,873	104	99
March-May ¹	2,810	2,854	2,839	101	99
December-May ^{2 3}	5,573	5,749	5,712	102	99
June-August ¹	2,991	3,017	2,912	97	97
September-November	2,994	2,875			
June-November ³	5,985	5,892			
Pig crop					
December-February	26,326	29,627	29,582	112	100
March-May	27,495	29,593			
December-May ³	53,821	59,219			
June-August	30,402	31,343			
September-November	30,633	30,271			
June-November ³	61,035	61,614			
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February	9.53	10.23	10.30	108	101
March-May	9.78	10.37			
December-May	9.66	10.30			
June-August	10.16	10.39			
September-November	10.23	10.53			
June-November	10.20	10.46			

¹ Intentions for 2016.

² Actual farrowings for December 2015-February 2016 plus intentions for March-May 2016.

³ May not add due to rounding.

Pigs per Litter by Size of Operation – United States: 2015 and 2016

[December preceding year. 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)
2015						
December-February	7.90	8.60	9.00	9.40	10.00	10.30
March-May	8.00	8.70	9.10	9.50	10.10	10.40
June-August	8.00	8.70	9.10	9.50	10.10	10.40
September-November	8.20	8.90	9.30	9.70	10.30	10.60
2016						
December-February	8.00	8.70	9.10	9.50	10.10	10.40
March-May						
June-August						
September-November						

¹ Pigs per litter rounded to the nearest tenth.

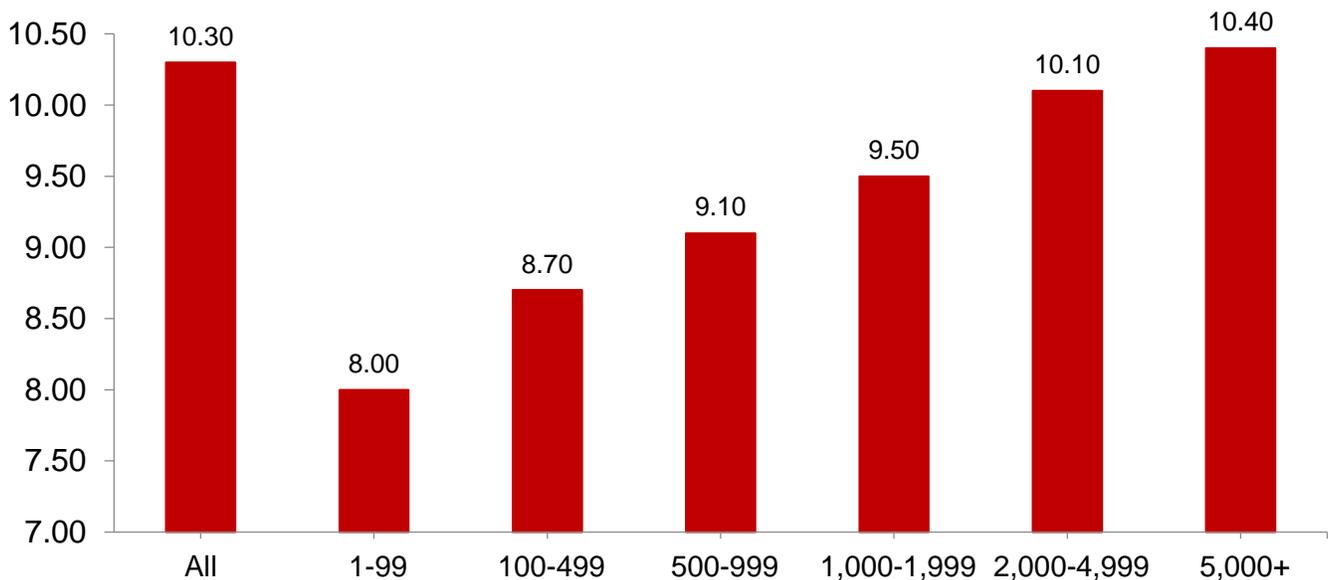
Quarterly Litter Rate – United States

Number head



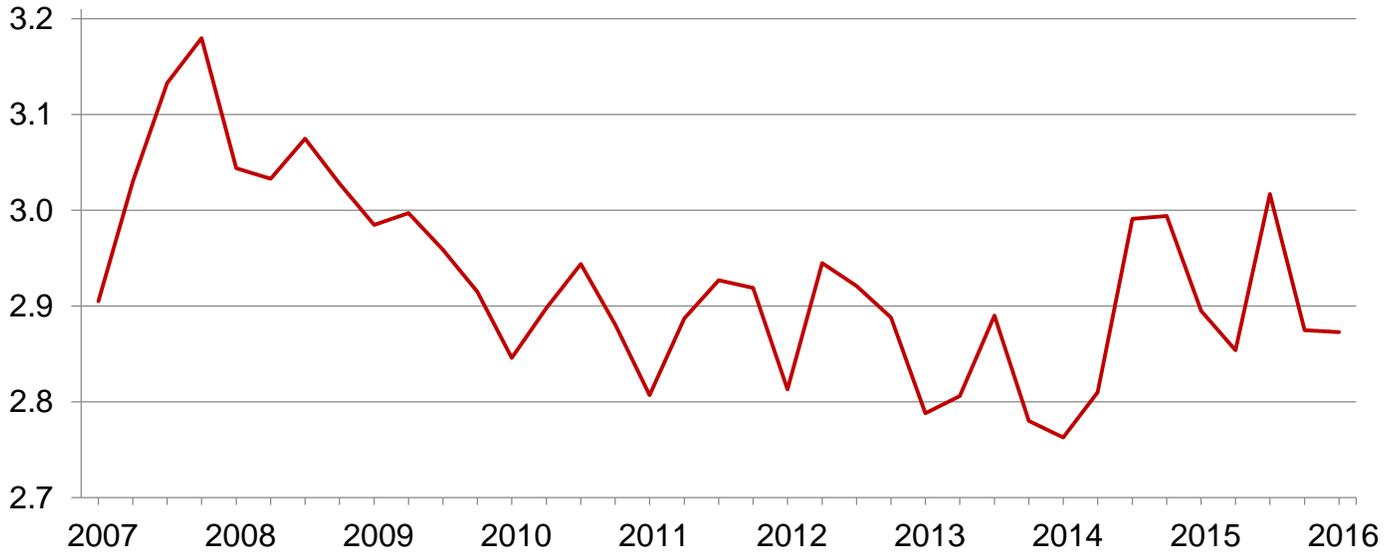
Pigs per Litter by Size of Operation – United States: December 2015-February 2016

Number head



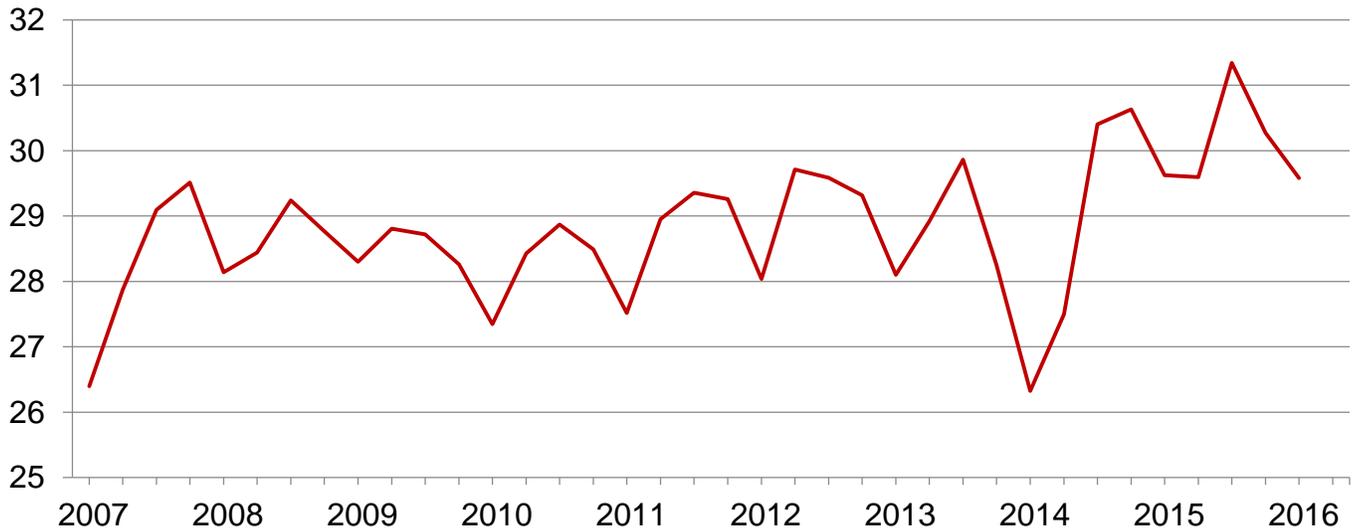
Quarterly Sows Farrowed – United States

Million head



Quarterly Pig Crop – United States

Million head



Breeding, Market, and Total Inventory – States and United States: March 1, 2015 and 2016

[May not add due to rounding]

State	Breeding			Market			Total		
	2015	2016	2016 as percent of 2015	2015	2016	2016 as percent of 2015	2015	2016	2016 as percent of 2015
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	140	150	107	570	540	95	710	690	97
Illinois	490	500	102	4,260	4,600	108	4,750	5,100	107
Indiana	280	260	93	3,470	3,440	99	3,750	3,700	99
Iowa	1,030	980	95	19,770	19,220	97	20,800	20,200	97
Kansas	175	175	100	1,685	1,755	104	1,860	1,930	104
Michigan	110	110	100	1,030	1,050	102	1,140	1,160	102
Minnesota	570	560	98	7,430	7,390	99	8,000	7,950	99
Missouri	400	385	96	2,500	2,565	103	2,900	2,950	102
Nebraska	420	420	100	2,730	2,930	107	3,150	3,350	106
North Carolina	890	880	99	7,710	7,820	101	8,600	8,700	101
Ohio	180	185	103	2,150	2,415	112	2,330	2,600	112
Oklahoma	440	480	109	1,750	1,650	94	2,190	2,130	97
Pennsylvania	100	110	110	1,040	1,020	98	1,140	1,130	99
South Dakota	165	190	115	1,145	1,210	106	1,310	1,400	107
Texas	100	110	110	820	740	90	920	850	92
Utah	75	75	100	595	585	98	670	660	99
Other States ¹	417	410	98	2,763	2,734	99	3,179	3,144	99
United States	5,982	5,980	100	61,418	61,664	100	67,399	67,644	100

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

Market Inventory by Weight Group – States and United States: March 1, 2015 and 2016

[Weight groups may not add to market inventory due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2015	2016	2015	2016	2015	2016	2015	2016
	(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	250	100	100	90	90	100	100
Illinois	1,330	1,450	1,260	1,370	890	920	780	860
Indiana	990	990	970	980	710	730	800	740
Iowa	5,030	4,720	6,410	6,100	4,940	4,820	3,390	3,580
Kansas	445	480	415	475	335	370	490	430
Michigan	295	280	235	270	260	260	240	240
Minnesota	2,600	2,500	2,050	2,280	1,550	1,530	1,230	1,080
Missouri	1,250	1,200	505	535	380	420	365	410
Nebraska	870	930	780	800	615	660	465	540
North Carolina	2,800	3,080	1,810	1,730	1,640	1,710	1,460	1,300
Ohio	660	730	630	690	510	585	350	410
Oklahoma	740	670	370	345	270	310	370	325
Pennsylvania	265	265	340	320	240	270	195	165
South Dakota	375	420	305	330	250	240	215	220
Texas	230	180	215	205	200	150	175	205
Utah	265	255	105	110	120	120	105	100
Other States ¹	1,029	982	629	623	580	559	525	569
United States	19,454	19,382	17,129	17,263	13,580	13,744	11,255	11,274

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

Breeding, Market, and Total Inventory – States and United States: June 1, 2014 and 2015

[May not add due to rounding]

State	Breeding			Market			Total		
	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	160	145	91	530	555	105	690	700	101
Illinois	490	490	100	3,810	4,160	109	4,300	4,650	108
Indiana	270	270	100	3,230	3,380	105	3,500	3,650	104
Iowa	1,000	1,000	100	18,100	20,000	110	19,100	21,000	110
Kansas	170	180	106	1,470	1,690	115	1,640	1,870	114
Michigan	110	110	100	880	990	113	990	1,100	111
Minnesota	570	550	96	7,080	7,600	107	7,650	8,150	107
Missouri	380	395	104	2,070	2,505	121	2,450	2,900	118
Nebraska	390	410	105	2,610	2,790	107	3,000	3,200	107
North Carolina	860	880	102	6,740	7,120	106	7,600	8,000	105
Ohio	165	185	112	1,805	2,195	122	1,970	2,380	121
Oklahoma	430	440	102	1,460	1,790	123	1,890	2,230	118
Pennsylvania	100	105	105	1,010	1,065	105	1,110	1,170	105
South Dakota	175	170	97	1,035	1,150	111	1,210	1,320	109
Texas	100	105	105	570	775	136	670	880	131
Utah	75	75	100	645	645	100	720	720	100
Other States ¹	410	416	102	2,668	2,830	106	3,078	3,245	105
United States	5,855	5,926	101	55,713	61,240	110	61,568	67,165	109

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

Market Inventory by Weight Group – States and United States: June 1, 2014 and 2015

[Weight groups may not add to market inventory due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2014	2015	2014	2015	2014	2015	2014	2015
	(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	270	105	125	70	80	80	80
Illinois	1,220	1,250	1,160	1,240	770	890	660	780
Indiana	890	940	980	1,000	580	670	780	770
Iowa	4,890	5,070	5,640	6,410	4,470	4,820	3,100	3,700
Kansas	410	430	360	505	260	345	440	410
Michigan	270	275	210	255	200	240	200	220
Minnesota	2,580	2,570	2,150	2,300	1,290	1,540	1,060	1,190
Missouri	1,005	1,245	405	485	315	370	345	405
Nebraska	840	860	770	765	510	630	490	535
North Carolina	2,750	2,830	1,590	1,650	1,230	1,320	1,170	1,320
Ohio	530	630	570	660	440	535	265	370
Oklahoma	620	740	350	380	180	290	310	380
Pennsylvania	275	290	340	345	190	230	205	200
South Dakota	345	405	265	320	205	220	220	205
Texas	130	230	145	205	140	145	155	195
Utah	270	280	130	130	115	115	130	120
Other States ¹	954	1,050	631	686	526	545	556	549
United States	18,254	19,365	15,801	17,461	11,491	12,985	10,166	11,429

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

Breeding, Market, and Total Inventory – States and United States: September 1, 2014 and 2015

[May not add due to rounding]

State	Breeding			Market			Total		
	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	155	145	94	555	615	111	710	760	107
Illinois	510	500	98	4,140	4,300	104	4,650	4,800	103
Indiana	280	280	100	3,320	3,570	108	3,600	3,850	107
Iowa	1,030	1,000	97	19,770	20,500	104	20,800	21,500	103
Kansas	170	180	106	1,660	1,780	107	1,830	1,960	107
Michigan	110	110	100	920	1,000	109	1,030	1,110	108
Minnesota	550	560	102	7,200	7,390	103	7,750	7,950	103
Missouri	390	400	103	2,460	2,700	110	2,850	3,100	109
Nebraska	390	410	105	2,710	2,840	105	3,100	3,250	105
North Carolina	870	880	101	7,530	7,920	105	8,400	8,800	105
Ohio	170	185	109	1,910	2,235	117	2,080	2,420	116
Oklahoma	430	470	109	1,620	1,770	109	2,050	2,240	109
Pennsylvania	100	100	100	1,060	1,090	103	1,160	1,190	103
South Dakota	175	170	97	1,095	1,170	107	1,270	1,340	106
Texas	100	105	105	670	765	114	770	870	113
Utah	75	75	100	645	675	105	720	750	104
Other States ¹	415	416	100	2,794	2,880	103	3,209	3,295	103
United States	5,920	5,986	101	60,059	63,200	105	65,979	69,185	105

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

Market Inventory by Weight Group – States and United States: September 1, 2014 and 2015

[Weight groups may not add to market inventory due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2014	2015	2014	2015	2014	2015	2014	2015
	(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	310	310	105	120	85	80	55	105
Illinois	1,270	1,370	1,280	1,330	830	810	760	790
Indiana	1,040	1,040	960	1,050	620	720	700	760
Iowa	5,510	5,440	6,470	6,700	4,470	4,880	3,320	3,480
Kansas	485	490	500	505	315	305	360	480
Michigan	290	305	225	250	205	215	200	230
Minnesota	2,610	2,600	2,190	2,250	1,400	1,390	1,000	1,150
Missouri	1,270	1,295	470	590	360	400	360	415
Nebraska	940	910	800	810	505	590	465	530
North Carolina	3,110	3,260	1,820	2,000	1,430	1,410	1,170	1,250
Ohio	560	660	600	700	460	505	290	370
Oklahoma	720	805	390	430	220	260	290	275
Pennsylvania	265	285	370	380	225	225	200	200
South Dakota	380	435	305	315	200	205	210	215
Texas	210	190	190	215	140	180	130	180
Utah	300	280	130	140	115	130	100	125
Other States ¹	1,120	1,066	653	711	532	550	488	553
United States	20,390	20,741	17,458	18,496	12,112	12,855	10,098	11,108

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

Breeding, Market, and Total Inventory – States and United States: December 1, 2014 and 2015

[May not add due to rounding]

State	Breeding			Market			Total		
	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014
	(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	550	555	101	700	700	100
Illinois	500	490	98	4,200	4,560	109	4,700	5,050	107
Indiana	290	270	93	3,410	3,480	102	3,700	3,750	101
Iowa	1,010	1,030	102	20,290	19,770	97	21,300	20,800	98
Kansas	180	175	97	1,660	1,765	106	1,840	1,940	105
Michigan	110	110	100	1,060	1,010	95	1,170	1,120	96
Minnesota	560	560	100	7,540	7,440	99	8,100	8,000	99
Missouri	400	395	99	2,450	2,605	106	2,850	3,000	105
Nebraska	400	420	105	2,800	2,880	103	3,200	3,300	103
North Carolina	880	870	99	7,920	7,930	100	8,800	8,800	100
Ohio	170	190	112	2,060	2,300	112	2,230	2,490	112
Oklahoma	440	470	107	1,680	1,630	97	2,120	2,100	99
Pennsylvania	100	100	100	1,040	1,060	102	1,140	1,160	102
South Dakota	160	175	109	1,110	1,185	107	1,270	1,360	107
Texas	100	105	105	710	755	106	810	860	106
Utah	75	75	100	535	595	111	610	670	110
Other States ¹	414	422	102	2,823	2,867	102	3,236	3,289	102
United States	5,939	6,002	101	61,838	62,387	101	67,776	68,389	101

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

Market Inventory by Weight Group – States and United States: December 1, 2014 and 2015

[Weight groups may not add to market inventory due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2014	2015	2014	2015	2014	2015	2014	2015
	(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	240	125	120	80	90	80	105
Illinois	1,360	1,390	1,180	1,330	800	910	860	930
Indiana	1,040	1,000	950	920	660	730	760	830
Iowa	5,310	5,100	6,500	6,300	4,740	4,660	3,740	3,710
Kansas	445	430	415	405	340	410	460	520
Michigan	310	275	245	250	250	240	255	245
Minnesota	2,650	2,560	2,200	2,200	1,520	1,470	1,170	1,210
Missouri	1,170	1,240	470	525	380	400	430	440
Nebraska	950	950	840	750	535	580	475	600
North Carolina	3,010	2,950	1,830	1,880	1,580	1,590	1,500	1,510
Ohio	590	610	600	620	530	620	340	450
Oklahoma	660	690	420	345	290	260	310	335
Pennsylvania	265	255	340	335	225	270	210	200
South Dakota	380	405	285	320	220	215	225	245
Texas	175	205	170	205	150	165	215	180
Utah	220	235	110	115	110	125	95	120
Other States ¹	1,001	973	686	662	590	605	546	626
United States	19,801	19,508	17,366	17,282	13,000	13,340	11,671	12,256

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 2015 and 2016

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

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2015	2016	2016 as percent of 2015	2015	2016	2015	2016	2016 as percent of 2015
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	69	74	107	9.80	9.75	676	722	107
Illinois	245	245	100	10.20	10.35	2,499	2,536	101
Indiana	140	135	96	10.10	10.20	1,414	1,377	97
Iowa	510	490	96	10.70	10.70	5,457	5,243	96
Kansas	88	89	101	10.00	10.20	880	908	103
Michigan	52	50	96	10.50	10.60	546	530	97
Minnesota	285	270	95	11.00	11.10	3,135	2,997	96
Missouri	205	190	93	9.80	9.65	2,009	1,834	91
Nebraska	170	170	100	11.00	11.30	1,870	1,921	103
North Carolina	445	455	102	9.50	9.90	4,228	4,505	107
Ohio	88	90	102	10.45	10.10	920	909	99
Oklahoma	195	195	100	10.15	10.30	1,979	2,009	102
Pennsylvania	46	48	104	10.20	10.20	469	490	104
South Dakota	85	95	112	10.80	10.75	918	1,021	111
Texas	43	45	105	9.05	8.00	389	360	93
Utah	35	38	109	8.70	8.70	305	331	109
Other States ²	194	194	100	9.96	9.76	1,933	1,889	98
United States	2,895	2,873	99	10.23	10.30	29,627	29,582	100

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.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2014-2016

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2014	2015	2016 ²	2016 as percent of 2015	2014	2015	2014	2015	2015 as percent of 2014
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	73	70	72	103	9.30	10.00	679	700	103
Illinois	250	230	240	104	9.90	10.50	2,475	2,415	98
Indiana	125	130	130	100	9.25	10.50	1,156	1,365	118
Iowa	470	495	490	99	10.60	10.60	4,982	5,247	105
Kansas	82	84	88	105	9.25	9.95	759	836	110
Michigan	52	50	49	98	8.90	10.70	463	535	116
Minnesota	290	275	275	100	10.60	11.05	3,074	3,039	99
Missouri	185	200	185	93	8.90	10.40	1,647	2,080	126
Nebraska	170	170	180	106	10.50	11.20	1,785	1,904	107
North Carolina	440	445	440	99	8.70	9.30	3,828	4,139	108
Ohio	80	89	83	93	9.50	10.60	760	943	124
Oklahoma	185	195	185	95	9.60	10.35	1,776	2,018	114
Pennsylvania	48	49	49	100	10.30	10.30	494	505	102
South Dakota	90	86	96	112	10.70	10.95	963	942	98
Texas	43	50	44	88	9.40	9.50	404	475	118
Utah	41	41	39	95	10.50	9.80	431	402	93
Other States ³	186	195	194	100	9.78	10.52	1,819	2,048	113
United States	2,810	2,854	2,839	99	9.78	10.37	27,495	29,593	108

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 2014-2016

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2014	2015	2016 ²	2016 as percent of 2015	2014	2015	2014	2015	2015 as percent of 2014
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	73	71	72	101	9.45	10.10	690	717	104
Illinois	260	260	245	94	10.20	10.15	2,652	2,639	100
Indiana	145	145	130	90	9.80	10.60	1,421	1,537	108
Iowa	530	510	490	96	10.70	10.80	5,671	5,508	97
Kansas	85	90	91	101	9.90	10.30	842	927	110
Michigan	51	52	52	100	10.10	11.00	515	572	111
Minnesota	290	305	290	95	10.85	11.15	3,147	3,401	108
Missouri	205	215	205	95	9.80	9.85	2,009	2,118	105
Nebraska	175	180	180	100	10.90	11.10	1,908	1,998	105
North Carolina	470	470	445	95	9.50	9.70	4,465	4,559	102
Ohio	86	92	90	98	10.00	10.50	860	966	112
Oklahoma	200	195	190	97	9.70	10.40	1,940	2,028	105
Pennsylvania	49	49	50	102	10.10	10.40	495	510	103
South Dakota	89	91	96	105	10.65	10.85	948	987	104
Texas	44	49	48	98	9.90	9.00	436	441	101
Utah	42	43	36	84	10.40	9.60	437	413	95
Other States ³	197	200	202	101	9.97	10.12	1,966	2,022	103
United States	2,991	3,017	2,912	97	10.16	10.39	30,402	31,343	103

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 2014 and 2015

[May not add due to rounding]

State	Sows Farrowing			Pigs per litter		Pig crop ¹		
	2014	2015	2015 as percent of 2014	2014	2015	2014	2015	2015 as percent of 2014
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	71	68	96	9.70	9.95	689	677	98
Illinois	255	230	90	10.25	10.35	2,614	2,381	91
Indiana	150	135	90	10.20	10.40	1,530	1,404	92
Iowa	510	510	100	10.70	11.00	5,457	5,610	103
Kansas	87	84	97	10.30	10.40	896	874	98
Michigan	53	50	94	10.20	10.70	541	535	99
Minnesota	305	280	92	10.95	11.10	3,340	3,108	93
Missouri	210	190	90	9.50	10.40	1,995	1,976	99
Nebraska	180	175	97	11.00	11.15	1,980	1,951	99
North Carolina	460	450	98	10.00	10.15	4,600	4,568	99
Ohio	92	90	98	10.35	10.50	952	945	99
Oklahoma	195	195	100	10.20	10.40	1,989	2,028	102
Pennsylvania	48	45	94	10.30	10.40	494	468	95
South Dakota	86	89	103	10.85	10.85	933	966	104
Texas	50	45	90	8.40	9.40	420	423	101
Utah	39	38	97	6.70	9.50	261	361	138
Other States ²	203	201	99	9.59	9.92	1,942	1,996	103
United States	2,994	2,875	96	10.23	10.53	30,633	30,271	99

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 2015 and 2016

[December preceding year. Blank data cells indicate estimation period has not yet begun]

Month	Sows farrowing ¹		Pigs per litter		Pig crop ¹	
	2015	2016	2015	2016	2015	2016
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December	962	957	10.32	10.35	9,923	9,907
January	974	975	10.16	10.29	9,895	10,034
February	960	940	10.22	10.25	9,809	9,641
March	966		10.38		10,031	
April	944		10.40		9,817	
May	943		10.33		9,745	
June	1,017		10.35		10,528	
July	997		10.39		10,359	
August	1,003		10.42		10,456	
September	991		10.44		10,351	
October	957		10.59		10,135	
November	927		10.55		9,786	
Total	11,641		10.38		120,834	

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

Statistical Methodology

Survey Procedures: A random sample of roughly 8,150 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 2016, data were collected from about 5,900 operations, 72 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, 2016.

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 1.4 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 67.6 million head by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.4 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	1.4	2.4	737	90	1,726	11	9
Pig crop	2.3	4.0	542	0	1,260	12	8
Expected farrowings							
Next quarter	2.8	4.8	69	10	167	11	9
Following quarter	3.0	5.2	74	11	197	10	10

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	(202) 720-3240
Doug Bounds – Hogs and Pigs	(202) 720-3106
David Colwell – Sheep and Goats	(202) 720-8784
Donnie Fike – Dairy Products	(202) 690-3236
Michael Klamm – Cattle, Cattle on Feed	(202) 720-3040
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 <http://www.nass.usda.gov> and click on “National” or “State” in upper right corner above “search” box to create an account and 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 basis 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 [USDA Program Discrimination Complaint Form](#) (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, 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.