



Quarterly Hogs and Pigs

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United States Hog Inventory Up 2 Percent

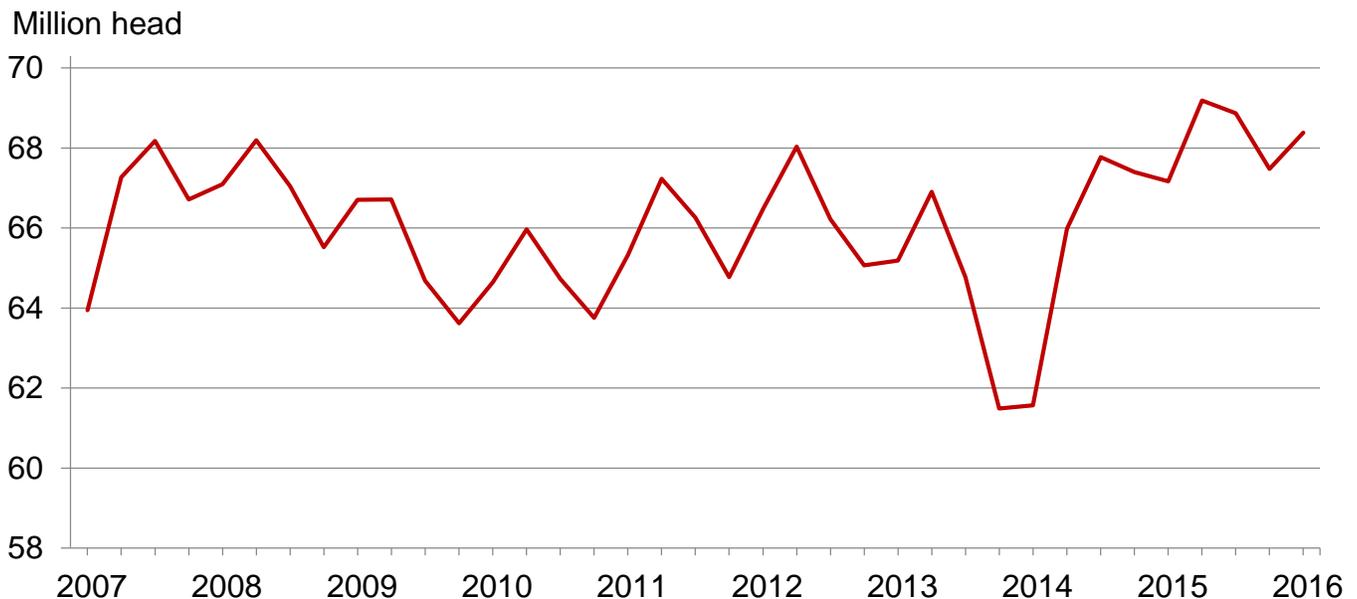
United States inventory of all hogs and pigs on June 1, 2016 was 68.4 million head. This was up 2 percent from June 1, 2015, and up 1 percent from March 1, 2016. This is the highest June 1 inventory of all hogs and pigs since estimates began in 1964.

Breeding inventory, at 5.98 million head, was up 1 percent from last year, but down slightly from the previous quarter.

Market hog inventory, at 62.4 million head, was up 2 percent from last year, and up 1 percent from last quarter. This is the highest June 1 market hog inventory since estimates began in 1964.

The March-May 2016 pig crop, at 30.3 million head, was up 3 percent from 2015. This is the largest March-May pig crop since 1971. Sows farrowed during this period totaled 2.90 million head, up 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 10.48 for the March-May period, compared to 10.37 last year. Pigs saved per litter by size of operation ranged from 8.10 for operations with 1-99 hogs and pigs to 10.50 for operations with more than 5,000 hogs and pigs.

Quarterly Hogs and Pigs Inventory – United States: June 1



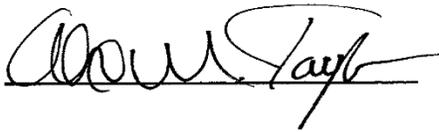
United States hog producers intend to have 2.95 million sows farrow during the June-August 2016 quarter, down 2 percent from the actual farrowings during the same period in 2015, and down 1 percent from 2014. Intended farrowings for September-November 2016, at 2.90 million sows, are down 1 percent from 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 47 percent of the total United States hog inventory, up from 46 percent last year.

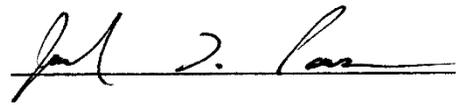
Revisions

All inventory and pig crop estimates for June 2015 through March 2016 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The net revision made to the December 2015 all hogs and pigs inventory was 0.8 percent. A revision of 1.9 percent was made to the September-November 2015 pig crop. A revision of 0.3 percent was made to the March 2016 all hogs and pigs inventory.

This report was approved on June 24, 2016.



Secretary of Agriculture
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Alexis M. Taylor



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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	67,474	100
Kept for breeding	5,982	5,980	100
Market	61,418	61,494	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	13,719	101
180 pounds and over	11,255	11,129	99
June 1 inventory			
All hogs and pigs	67,165	68,381	102
Kept for breeding	5,926	5,979	101
Market	61,240	62,402	102
Market hogs and pigs by weight groups			
Under 50 pounds	19,365	19,846	102
50-119 pounds	17,461	17,848	102
120-179 pounds	12,985	13,141	101
180 pounds and over	11,429	11,566	101
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	68,869		
Kept for breeding	6,002		
Market	62,867		
Market hogs and pigs by weight groups			
Under 50 pounds	20,008		
50-119 pounds	17,262		
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	2,810	2,854	2,896	103	101
December-May ¹	5,573	5,749	5,769	104	100
June-August ²	2,991	3,017	2,949	99	98
September-November ²	2,994	2,929	2,896	97	99
June-November ^{1 2}	5,985	5,946	5,845	98	98
Pig crop					
December-February	26,326	29,627	29,582	112	100
March-May	27,495	29,593	30,347	110	103
December-May ¹	53,821	59,219	59,930	111	101
June-August	30,402	31,343			
September-November	30,633	30,848			
June-November ¹	61,035	62,191			
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February	9.53	10.23	10.30	108	101
March-May	9.78	10.37	10.48	107	101
December-May	9.66	10.30	10.39	108	101
June-August	10.16	10.39			
September-November	10.23	10.53			
June-November	10.20	10.46			

¹ May not add due to rounding

² Intentions for 2016.

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	8.10	8.80	9.20	9.60	10.20	10.50
June-August						
September-November						

¹ Pigs per litter rounded to the nearest tenth.

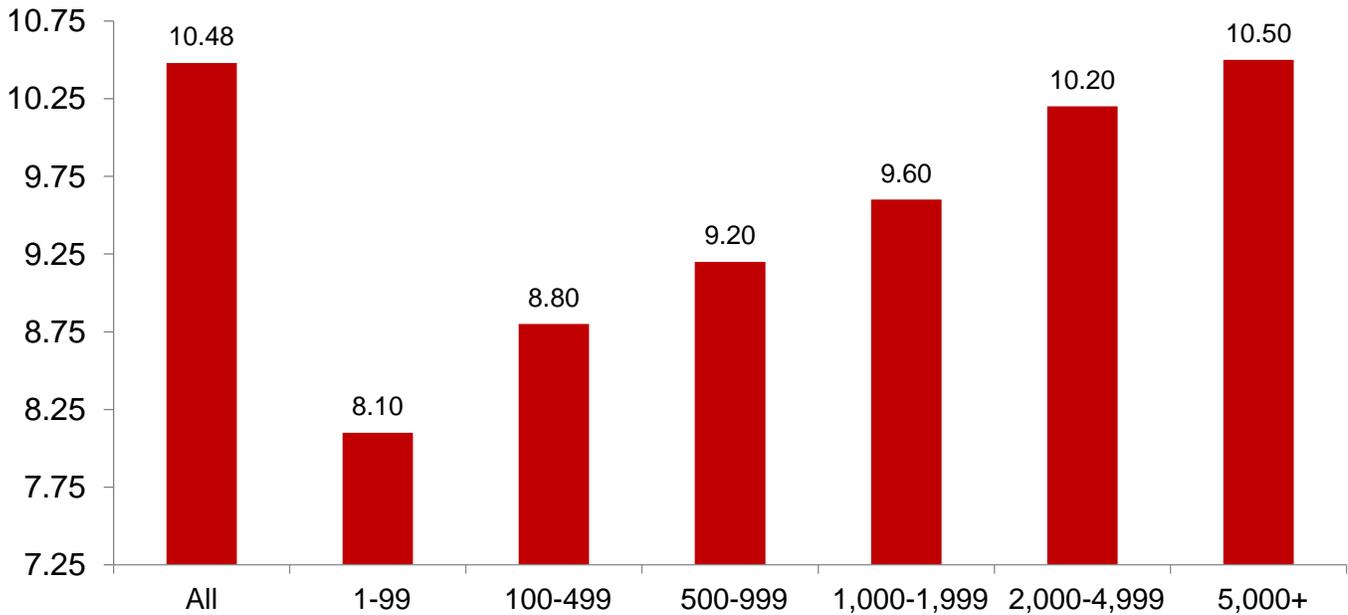
Quarterly Litter Rate – United States

Number head



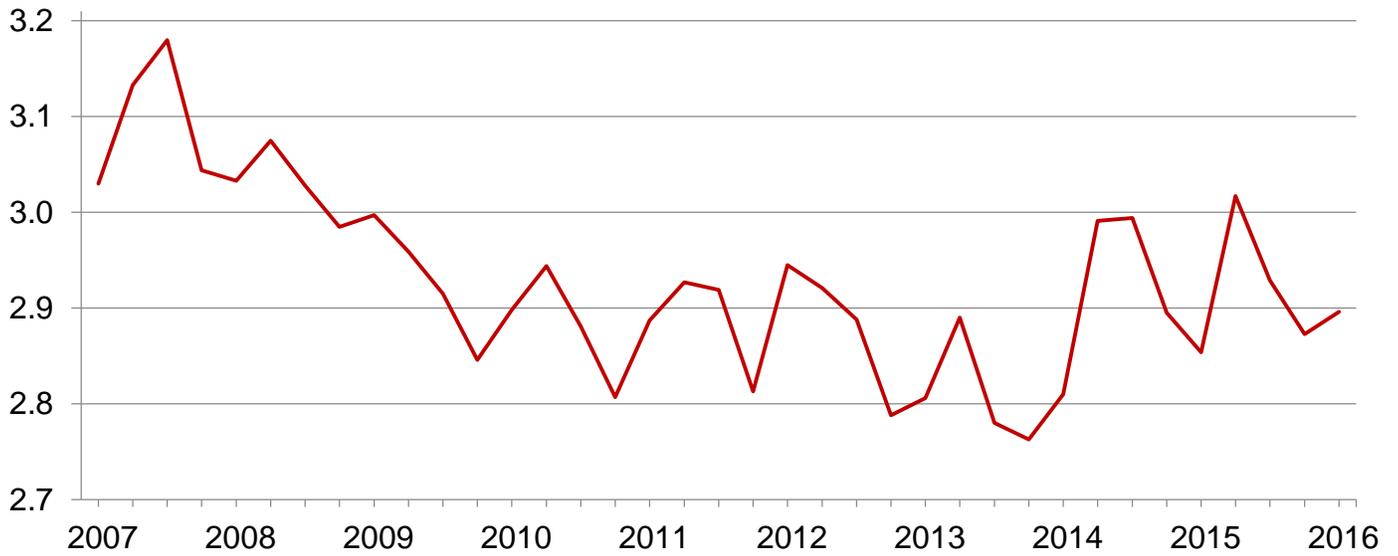
Pigs per Litter by Size of Operation – United States: March-May 2016

Number head



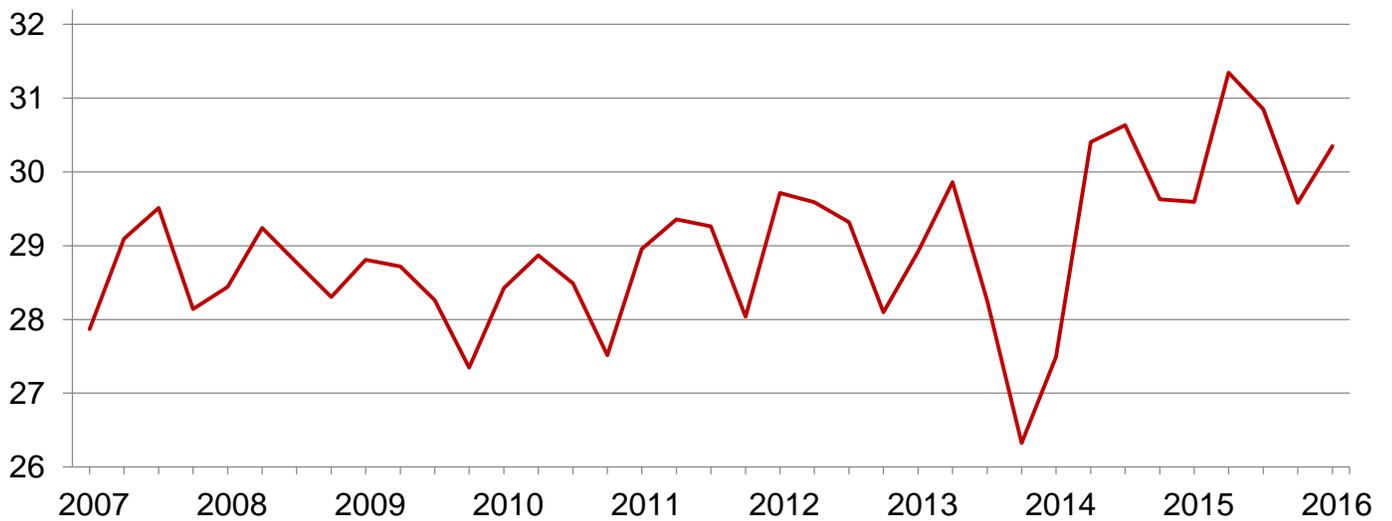
Quarterly Sows Farrowed – United States

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	19,120	97	20,800	20,100	97
Kansas	175	175	100	1,685	1,745	104	1,860	1,920	103
Michigan	110	110	100	1,030	1,050	102	1,140	1,160	102
Minnesota	570	560	98	7,430	7,340	99	8,000	7,900	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	730	89	920	840	91
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	61,494	100	67,399	67,474	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	4,800	3,390	3,500
Kansas	445	480	415	475	335	365	490	425
Michigan	295	280	235	270	260	260	240	240
Minnesota	2,600	2,500	2,050	2,280	1,550	1,530	1,230	1,030
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	195
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	13,719	11,255	11,129

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

Breeding, Market, and Total Inventory – States and United States: June 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	145	145	100	555	555	100	700	700	100
Illinois	490	530	108	4,160	4,570	110	4,650	5,100	110
Indiana	270	260	96	3,380	3,540	105	3,650	3,800	104
Iowa	1,000	970	97	20,000	19,630	98	21,000	20,600	98
Kansas	180	175	97	1,690	1,755	104	1,870	1,930	103
Michigan	110	110	100	990	1,020	103	1,100	1,130	103
Minnesota	550	560	102	7,600	7,440	98	8,150	8,000	98
Missouri	395	395	100	2,505	2,555	102	2,900	2,950	102
Nebraska	410	425	104	2,790	3,025	108	3,200	3,450	108
North Carolina	880	890	101	7,120	8,010	113	8,000	8,900	111
Ohio	185	180	97	2,195	2,320	106	2,380	2,500	105
Oklahoma	440	470	107	1,790	1,680	94	2,230	2,150	96
Pennsylvania	105	100	95	1,065	1,040	98	1,170	1,140	97
South Dakota	170	190	112	1,150	1,210	105	1,320	1,400	106
Texas	105	100	95	775	770	99	880	870	99
Utah	75	75	100	645	595	92	720	670	93
Other States ¹	416	404	97	2,830	2,687	95	3,245	3,091	95
United States	5,926	5,979	101	61,240	62,402	102	67,165	68,381	102

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

Market Inventory by Weight Group – States and United States: June 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	270	255	125	120	80	85	80	95
Illinois	1,250	1,360	1,240	1,420	890	890	780	900
Indiana	940	1,000	1,000	1,090	670	680	770	770
Iowa	5,070	5,180	6,410	6,300	4,820	4,760	3,700	3,390
Kansas	430	470	505	490	345	300	410	495
Michigan	275	285	255	255	240	240	220	240
Minnesota	2,570	2,500	2,300	2,290	1,540	1,450	1,190	1,200
Missouri	1,245	1,275	485	530	370	350	405	400
Nebraska	860	910	765	840	630	665	535	610
North Carolina	2,830	3,080	1,650	1,870	1,320	1,560	1,320	1,500
Ohio	630	680	660	670	535	570	370	400
Oklahoma	740	750	380	370	290	240	380	320
Pennsylvania	290	255	345	330	230	270	200	185
South Dakota	405	425	320	325	220	240	205	220
Texas	230	195	205	220	145	180	195	175
Utah	280	255	130	115	115	115	120	110
Other States ¹	1,050	971	686	613	545	546	549	556
United States	19,365	19,846	17,461	17,848	12,985	13,141	11,429	11,566

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	4,610	110	4,700	5,100	109
Indiana	290	270	93	3,410	3,530	104	3,700	3,800	103
Iowa	1,010	1,030	102	20,290	19,870	98	21,300	20,900	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	7,540	100	8,100	8,100	100
Missouri	400	395	99	2,450	2,655	108	2,850	3,050	107
Nebraska	400	420	105	2,800	2,880	103	3,200	3,300	103
North Carolina	880	870	99	7,920	8,030	101	8,800	8,900	101
Ohio	170	190	112	2,060	2,310	112	2,230	2,500	112
Oklahoma	440	470	107	1,680	1,640	98	2,120	2,110	100
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	605	113	610	680	111
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	62,867	102	67,776	68,869	102

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	1,440	1,180	1,330	800	910	860	930
Indiana	1,040	1,050	950	920	660	730	760	830
Iowa	5,310	5,220	6,500	6,280	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	2,660	2,200	2,200	1,520	1,470	1,170	1,210
Missouri	1,170	1,290	470	525	380	400	430	440
Nebraska	950	950	840	750	535	580	475	600
North Carolina	3,010	3,050	1,830	1,880	1,580	1,590	1,500	1,510
Ohio	590	620	600	620	530	620	340	450
Oklahoma	660	700	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	245	110	115	110	125	95	120
Other States ¹	1,001	973	686	662	590	605	546	626
United States	19,801	20,008	17,366	17,262	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 2015 and 2016

[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	70	75	107	10.00	10.20	700	765	109
Illinois	230	250	109	10.50	10.40	2,415	2,600	108
Indiana	130	130	100	10.50	10.40	1,365	1,352	99
Iowa	495	485	98	10.60	10.90	5,247	5,287	101
Kansas	84	84	100	9.95	10.50	836	882	106
Michigan	50	47	94	10.70	10.50	535	494	92
Minnesota	275	280	102	11.05	11.05	3,039	3,094	102
Missouri	200	200	100	10.40	9.95	2,080	1,990	96
Nebraska	170	180	106	11.20	11.40	1,904	2,052	108
North Carolina	445	460	103	9.30	10.25	4,139	4,715	114
Ohio	89	86	97	10.60	10.50	943	903	96
Oklahoma	195	195	100	10.35	10.30	2,018	2,009	100
Pennsylvania	49	49	100	10.30	10.30	505	505	100
South Dakota	86	93	108	10.95	10.75	942	1,000	106
Texas	50	44	88	9.50	7.85	475	345	73
Utah	41	40	98	9.80	9.40	402	376	94
Other States ²	195	198	102	10.52	9.98	2,048	1,978	97
United States	2,854	2,896	101	10.37	10.48	29,593	30,347	103

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 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	74	104	9.45	10.10	690	717	104
Illinois	260	260	260	100	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	500	98	10.70	10.80	5,671	5,508	97
Kansas	85	90	85	94	9.90	10.30	842	927	110
Michigan	51	52	52	100	10.10	11.00	515	572	111
Minnesota	290	305	285	93	10.85	11.15	3,147	3,401	108
Missouri	205	215	210	98	9.80	9.85	2,009	2,118	105
Nebraska	175	180	185	103	10.90	11.10	1,908	1,998	105
North Carolina	470	470	455	97	9.50	9.70	4,465	4,559	102
Ohio	86	92	86	93	10.00	10.50	860	966	112
Oklahoma	200	195	195	100	9.70	10.40	1,940	2,028	105
Pennsylvania	49	49	49	100	10.10	10.40	495	510	103
South Dakota	89	91	96	105	10.65	10.85	948	987	104
Texas	44	49	44	90	9.90	9.00	436	441	101
Utah	42	43	39	91	10.40	9.60	437	413	95
Other States ³	197	200	204	102	9.97	10.12	1,966	2,022	103
United States	2,991	3,017	2,949	98	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 2014-2016

[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	71	70	70	100	9.70	9.95	689	697	101
Illinois	255	235	260	111	10.25	10.35	2,614	2,432	93
Indiana	150	135	130	96	10.20	10.40	1,530	1,404	92
Iowa	510	530	495	93	10.70	11.00	5,457	5,830	107
Kansas	87	86	85	99	10.30	10.40	896	894	100
Michigan	53	51	50	98	10.20	10.70	541	546	101
Minnesota	305	285	285	100	10.95	11.10	3,340	3,164	95
Missouri	210	195	200	103	9.50	10.40	1,995	2,028	102
Nebraska	180	180	180	100	11.00	11.15	1,980	2,007	101
North Carolina	460	450	450	100	10.00	10.15	4,600	4,568	99
Ohio	92	91	85	93	10.35	10.50	952	956	100
Oklahoma	195	195	190	97	10.20	10.40	1,989	2,028	102
Pennsylvania	48	46	50	109	10.30	10.40	494	478	97
South Dakota	86	91	95	104	10.85	10.85	933	987	106
Texas	50	47	45	96	8.40	9.40	420	442	105
Utah	39	39	36	92	6.70	9.50	261	371	142
Other States ³	203	203	190	94	9.59	9.93	1,942	2,016	104
United States	2,994	2,929	2,896	99	10.23	10.53	30,633	30,848	101

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

² Intentions.

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

Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 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	997	10.38	10.45	10,031	10,415
April	944	941	10.40	10.50	9,817	9,878
May	943	959	10.33	10.49	9,745	10,055
June	1,017		10.35		10,528	
July	997		10.39		10,359	
August	1,003		10.42		10,456	
September	1,010		10.45		10,558	
October	975		10.59		10,326	
November	944		10.55		9,965	
Total	11,695		10.38		121,411	

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 June 2016, data were collected from about 5,850 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 June 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 68.4 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 June 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	760	95	1,726	11	9
Pig crop	2.3	4.0	547	0	1,260	13	7
Expected farrowings							
Next quarter	2.8	4.9	71	10	167	12	8
Following quarter	3.1	5.3	75	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.

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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

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