



Quarterly Hogs and Pigs

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United States Hog Inventory Up 2 Percent

United States inventory of all hogs and pigs on September 1, 2016 was 70.9 million head. This was up 2 percent from September 1, 2015, and up 4 percent from June 1, 2016.

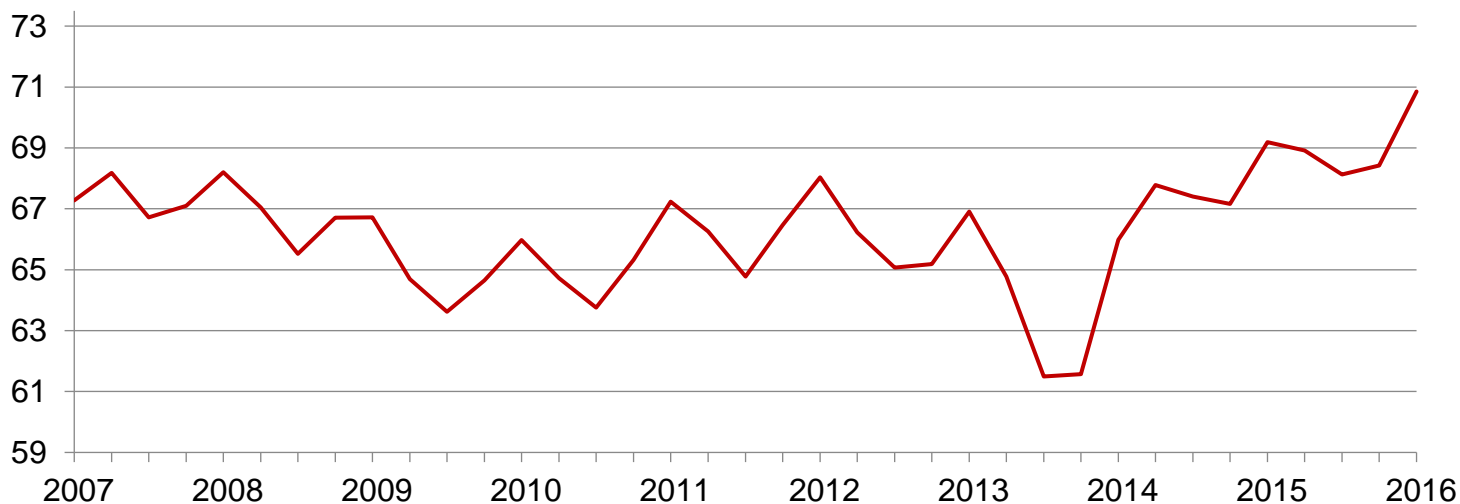
Breeding inventory, at 6.02 million head, was up 1 percent from last year, and up 1 percent from the previous quarter.

Market hog inventory, at 64.8 million head, was up 3 percent from last year, and up 4 percent from last quarter.

The June-August 2016 pig crop, at 32.0 million head, was up 2 percent from 2015. Sows farrowing during this period totaled 3.02 million head, up slightly from 2015. The sows farrowed during this quarter represented 51 percent of the breeding herd. The average pigs saved per litter was a record high 10.58 for the June-August period, compared to 10.39 last year. Pigs saved per litter by size of operation ranged from 8.20 for operations with 1-99 hogs and pigs to 10.60 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 2.93 million sows farrow during the September-November 2016 quarter, down slightly from the actual farrowings during the same period in 2015, and down 2 percent from 2014. Intended farrowings for December-February 2017, at 2.93 million sows, are down slightly from 2016, but up 1 percent from 2015.

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, unchanged from last year.

Revisions

All inventory and pig crop estimates for September 2015 through June 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 0.9 percent. The net revision made to the March 2016 all hogs and pigs inventory was 0.7 percent. A revision of 1.9 percent was made to the December-February 2016 pig crop. A revision of 0.1 percent was made to the June 2016 all hogs and pigs inventory.

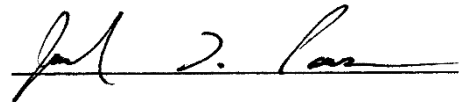
Records

Record highs for all hogs and pigs, market hogs, pig crop and pigs per litter, by quarter, can be found on page 14.

This report was approved on September 30, 2016.



Secretary of Agriculture
Designate
Robert Johansson



Agricultural Statistics Board
Chairperson
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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	68,124	101
Kept for breeding	5,982	5,980	100
Market	61,418	62,144	101
Market hogs and pigs by weight groups			
Under 50 pounds	19,454	19,897	102
50-119 pounds	17,129	17,198	100
120-179 pounds	13,580	13,819	102
180 pounds and over	11,255	11,229	100
June 1 inventory			
All hogs and pigs	67,165	68,421	102
Kept for breeding	5,926	5,979	101
Market	61,240	62,442	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	13,291	102
180 pounds and over	11,429	11,456	100
September 1 inventory			
All hogs and pigs	69,185	70,851	102
Kept for breeding	5,986	6,016	101
Market	63,200	64,835	103
Market hogs and pigs by weight groups			
Under 50 pounds	20,741	21,090	102
50-119 pounds	18,496	18,851	102
120-179 pounds	12,855	13,325	104
180 pounds and over	11,108	11,568	104
December 1 inventory			
All hogs and pigs	68,919		
Kept for breeding	6,002		
Market	62,917		
Market hogs and pigs by weight groups			
Under 50 pounds	20,008		
50-119 pounds	17,262		
120-179 pounds	13,370		
180 pounds and over	12,276		

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2014-2017

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

Item	2014	2015	2016	2017	2016 as percent of		2017 as percent of 2016
					2014	2015	
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)	(percent)
Sows farrowing							
December-February ^{1 2}	2,763	2,895	2,927	2,925	106	101	100
March-May	2,810	2,854	2,896		103	101	
December-May ¹	5,573	5,749	5,823		104	101	
June-August	2,991	3,017	3,024		101	100	
September-November ³	2,994	2,929	2,928		98	100	
June-November ⁴	5,985	5,946	5,952		99	100	
Pig crop							
December-February ¹	26,326	29,627	30,138		114	102	
March-May	27,495	29,593	30,347		110	103	
December-May ¹	53,821	59,219	60,486		112	102	
June-August	30,402	31,343	31,983		105	102	
September-November	30,633	30,848					
June-November	61,035	62,191					
	(number)	(number)	(number)	(number)	(percent)	(percent)	(percent)
Pigs per litter							
December-February ¹	9.53	10.23	10.30		108	101	
March-May	9.78	10.37	10.48		107	101	
December-May ¹	9.66	10.30	10.39		108	101	
June-August	10.16	10.39	10.58		104	102	
September-November	10.23	10.53					
June-November	10.20	10.46					

¹ December preceding year.

² Intentions for 2017.

³ Intentions for 2016.

⁴ Actual farrowings for June-August plus intentions for September-November.

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	8.20	8.90	9.30	9.70	10.30	10.60
September-November						

¹ Pigs per litter rounded to the nearest tenth.

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	550	96	710	700	99
Illinois	490	500	102	4,260	4,650	109	4,750	5,150	108
Indiana	280	260	93	3,470	3,490	101	3,750	3,750	100
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	1,060	103	1,140	1,170	103
Minnesota	570	560	98	7,430	7,440	100	8,000	8,000	100
Missouri	400	385	96	2,500	2,615	105	2,900	3,000	103
Nebraska	420	420	100	2,730	2,980	109	3,150	3,400	108
North Carolina	890	880	99	7,710	7,920	103	8,600	8,800	102
Ohio	180	185	103	2,150	2,465	115	2,330	2,650	114
Oklahoma	440	480	109	1,750	1,660	95	2,190	2,140	98
Pennsylvania	100	110	110	1,040	1,030	99	1,140	1,140	100
South Dakota	165	190	115	1,145	1,220	107	1,310	1,410	108
Texas	100	110	110	820	750	91	920	860	93
Utah	75	75	100	595	595	100	670	670	100
Other States ¹	417	410	98	2,763	2,744	99	3,179	3,154	99
United States	5,982	5,980	100	61,418	62,144	101	67,399	68,124	101

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	260	100	100	90	90	100	100
Illinois	1,330	1,500	1,260	1,370	890	920	780	860
Indiana	990	1,040	970	980	710	730	800	740
Iowa	5,030	4,720	6,410	6,100	4,940	4,850	3,390	3,550
Kansas	445	490	415	465	335	375	490	425
Michigan	295	290	235	260	260	260	240	250
Minnesota	2,600	2,600	2,050	2,280	1,550	1,530	1,230	1,030
Missouri	1,250	1,250	505	535	380	420	365	410
Nebraska	870	1,000	780	780	615	660	465	540
North Carolina	2,800	3,180	1,810	1,730	1,640	1,710	1,460	1,300
Ohio	660	740	630	680	510	605	350	440
Oklahoma	740	690	370	335	270	310	370	325
Pennsylvania	265	270	340	315	240	270	195	175
South Dakota	375	430	305	330	250	240	215	220
Texas	230	190	215	205	200	160	175	195
Utah	265	265	105	110	120	120	105	100
Other States ¹	1,029	982	629	623	580	569	525	569
United States	19,454	19,897	17,129	17,198	13,580	13,819	11,255	11,229

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	1,765	104	1,870	1,940	104
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	1,690	94	2,230	2,160	97
Pennsylvania	105	100	95	1,065	1,050	99	1,170	1,150	98
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	605	94	720	680	94
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	62,442	102	67,165	68,421	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	95	80	85
Illinois	1,250	1,360	1,240	1,420	890	910	780	880
Indiana	940	1,000	1,000	1,090	670	700	770	750
Iowa	5,070	5,180	6,410	6,300	4,820	4,760	3,700	3,390
Kansas	430	470	505	490	345	310	410	495
Michigan	275	285	255	255	240	240	220	240
Minnesota	2,570	2,500	2,300	2,290	1,540	1,470	1,190	1,180
Missouri	1,245	1,275	485	530	370	350	405	400
Nebraska	860	910	765	840	630	685	535	590
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	250	380	320
Pennsylvania	290	255	345	330	230	280	200	185
South Dakota	405	425	320	325	220	250	205	210
Texas	230	195	205	220	145	190	195	165
Utah	280	255	130	115	115	125	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	13,291	11,429	11,456

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

Breeding, Market, and Total Inventory – States and United States: September 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	615	565	92	760	710	93
Illinois	500	530	106	4,300	4,420	103	4,800	4,950	103
Indiana	280	280	100	3,570	3,670	103	3,850	3,950	103
Iowa	1,000	980	98	20,500	21,020	103	21,500	22,000	102
Kansas	180	180	100	1,780	1,820	102	1,960	2,000	102
Michigan	110	105	95	1,000	1,025	103	1,110	1,130	102
Minnesota	560	570	102	7,390	7,630	103	7,950	8,200	103
Missouri	400	395	99	2,700	2,805	104	3,100	3,200	103
Nebraska	410	420	102	2,840	3,130	110	3,250	3,550	109
North Carolina	880	890	101	7,920	8,210	104	8,800	9,100	103
Ohio	185	190	103	2,235	2,410	108	2,420	2,600	107
Oklahoma	470	455	97	1,770	1,745	99	2,240	2,200	98
Pennsylvania	100	95	95	1,090	1,055	97	1,190	1,150	97
South Dakota	170	195	115	1,170	1,215	104	1,340	1,410	105
Texas	105	100	95	765	810	106	870	910	105
Utah	75	75	100	675	625	93	750	700	93
Other States ¹	416	411	99	2,880	2,680	93	3,295	3,091	94
United States	5,986	6,016	101	63,200	64,835	103	69,185	70,851	102

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

Market Inventory by Weight Group – States and United States: September 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	310	270	120	125	80	75	105	95
Illinois	1,370	1,440	1,330	1,380	810	810	790	790
Indiana	1,040	1,050	1,050	1,080	720	730	760	810
Iowa	5,440	5,590	6,700	6,830	4,880	5,000	3,480	3,600
Kansas	490	495	505	510	305	365	480	450
Michigan	305	295	250	260	215	235	230	235
Minnesota	2,600	2,650	2,250	2,380	1,390	1,440	1,150	1,160
Missouri	1,295	1,375	590	600	400	400	415	430
Nebraska	910	990	810	900	590	640	530	600
North Carolina	3,260	3,240	2,000	2,000	1,410	1,550	1,250	1,420
Ohio	660	740	700	730	505	550	370	390
Oklahoma	805	770	430	415	260	240	275	320
Pennsylvania	285	270	380	345	225	250	200	190
South Dakota	435	435	315	325	205	230	215	225
Texas	190	240	215	230	180	155	180	185
Utah	280	250	140	130	130	130	125	115
Other States ¹	1,066	990	711	611	550	525	553	553
United States	20,741	21,090	18,496	18,851	12,855	13,325	11,108	11,568

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	3,580	105	3,700	3,850	104
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	62,917	102	67,776	68,919	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	760	760	850
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	13,370	11,671	12,276

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 2015-2017

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

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2015	2016	2017 ²	2017 as percent of 2016	2015	2016	2015	2016	2016 as percent of 2015
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	69	75	70	93	9.80	9.75	676	731	108
Illinois	245	250	250	100	10.20	10.35	2,499	2,588	104
Indiana	140	140	135	96	10.10	10.20	1,414	1,428	101
Iowa	510	500	490	98	10.70	10.70	5,457	5,350	98
Kansas	88	90	86	96	10.00	10.20	880	918	104
Michigan	52	51	50	98	10.50	10.60	546	541	99
Minnesota	285	275	290	105	11.00	11.10	3,135	3,053	97
Missouri	205	195	210	108	9.80	9.65	2,009	1,882	94
Nebraska	170	175	180	103	11.00	11.30	1,870	1,978	106
North Carolina	445	460	455	99	9.50	9.90	4,228	4,554	108
Ohio	88	91	90	99	10.45	10.10	920	919	100
Oklahoma	195	200	195	98	10.15	10.30	1,979	2,060	104
Pennsylvania	46	49	47	96	10.20	10.20	469	500	107
South Dakota	85	96	96	100	10.80	10.75	918	1,032	112
Texas	43	47	49	104	9.05	8.00	389	376	97
Utah	35	39	36	92	8.70	8.70	305	339	111
Other States ³	194	194	196	101	9.96	9.76	1,933	1,889	98
United States	2,895	2,927	2,925	100	10.23	10.30	29,627	30,138	102

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

² Intentions.

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

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 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 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	71	78	110	10.10	10.10	717	788	110
Illinois	260	255	98	10.15	10.55	2,639	2,690	102
Indiana	145	145	100	10.60	10.60	1,537	1,537	100
Iowa	510	500	98	10.80	11.00	5,508	5,500	100
Kansas	90	89	99	10.30	10.50	927	935	101
Michigan	52	50	96	11.00	10.50	572	525	92
Minnesota	305	300	98	11.15	11.10	3,401	3,330	98
Missouri	215	215	100	9.85	10.10	2,118	2,172	103
Nebraska	180	185	103	11.10	11.35	1,998	2,100	105
North Carolina	470	480	102	9.70	10.20	4,559	4,896	107
Ohio	92	92	100	10.50	10.60	966	975	101
Oklahoma	195	200	103	10.40	10.65	2,028	2,130	105
Pennsylvania	49	48	98	10.40	10.45	510	502	98
South Dakota	91	97	107	10.85	10.75	987	1,043	106
Texas	49	43	88	9.00	9.30	441	400	91
Utah	43	39	91	9.60	9.50	413	371	90
Other States ²	200	208	104	10.12	10.06	2,022	2,089	103
United States	3,017	3,024	100	10.39	10.58	31,343	31,983	102

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

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

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 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	75	107	9.70	9.95	689	697	101
Illinois	255	235	255	109	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	490	92	10.70	11.00	5,457	5,830	107
Kansas	87	86	84	98	10.30	10.40	896	894	100
Michigan	53	51	52	102	10.20	10.70	541	546	101
Minnesota	305	285	290	102	10.95	11.10	3,340	3,164	95
Missouri	210	195	205	105	9.50	10.40	1,995	2,028	102
Nebraska	180	180	185	103	11.00	11.15	1,980	2,007	101
North Carolina	460	450	455	101	10.00	10.15	4,600	4,568	99
Ohio	92	91	90	99	10.35	10.50	952	956	100
Oklahoma	195	195	190	97	10.20	10.40	1,989	2,028	102
Pennsylvania	48	46	48	104	10.30	10.40	494	478	97
South Dakota	86	91	97	107	10.85	10.85	933	987	106
Texas	50	47	47	100	8.40	9.40	420	442	105
Utah	39	39	37	95	6.70	9.50	261	371	142
Other States ³	203	203	198	97	9.59	9.93	1,942	2,016	104
United States	2,994	2,929	2,928	100	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	977	10.32	10.35	9,923	10,109
January	974	992	10.16	10.29	9,895	10,213
February	960	957	10.22	10.25	9,809	9,816
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	1,021	10.35	10.52	10,528	10,739
July	997	1,004	10.39	10.56	10,359	10,602
August	1,003	999	10.42	10.65	10,456	10,642
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 September 2016, data were collected from about 6,100 operations, 75 percent of the total sample. The data collected were received by electronic data reporting, mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of September 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 70.9 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 September 1 Hog Estimates

[Based on data for the previous twenty quarters]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Years	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
All hogs and pigs	1.4	2.4	764	40	1,726	12	8
Pig crop	2.4	4.1	570	0	1,260	13	7
Expected farrowings							
Next quarter	2.9	5.1	75	10	167	11	9
Following quarter	3.0	5.2	72	0	197	11	9

Records

The table below provides data users with record high estimates of all hogs and pigs, market hogs, pig crop and pigs per litter since each data series began.

Records by Quarter – United States: 1866 to present

Item	Estimate	Record high	Series began
	(1,000 head)	(year)	(year)
All hogs and pigs			
March 1	68,124	2016	1988
June 1	68,421	2016	1964
September 1	70,851	2016	1988
December 1	83,741	1943	1866
Market			
March 1	62,144	2016	1988
June 1	62,442	2016	1964
September 1	64,835	2016	1988
December 1	62,917	2015	1963
Pig crop			
December-February ¹	30,138	2016	1970
March-May	32,355	1970	1970
June-August	31,983	2016	1970
September-November	30,848	2015	1970
Pigs per litter	(number)	(year)	(year)
December-February ¹	10.30	2016	1970
March-May	10.48	2016	1970
June-August	10.58	2016	1970
September-November	10.53	2015	1970

¹ December preceding year.

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: 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 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.

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USDA NASS Data Users' Meeting

Tuesday, October 18, 2016

Embassy Suites by Hilton Chicago Downtown Magnificent Mile
511 North Columbus Drive
Chicago, IL 60611
312-836-5900

USDA's National Agricultural Statistics Service will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2016 Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website (https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php). Or contact Tina Hall (NASS) at 202-720-3896 or at tina.hall@nass.usda.gov.

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, October 19, 2016. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (<http://lmic.info/page/meetings>). Or contact James Robb at (303) 716-9933.