



Quarterly Hogs and Pigs

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United States Hog Inventory Up 3 Percent

United States inventory of all hogs and pigs on June 1, 2017 was 71.7 million head. This was up 3 percent from June 1, 2016, and up 1 percent from March 1, 2017. This is the highest June 1 inventory of all hogs and pigs since estimates began in 1964.

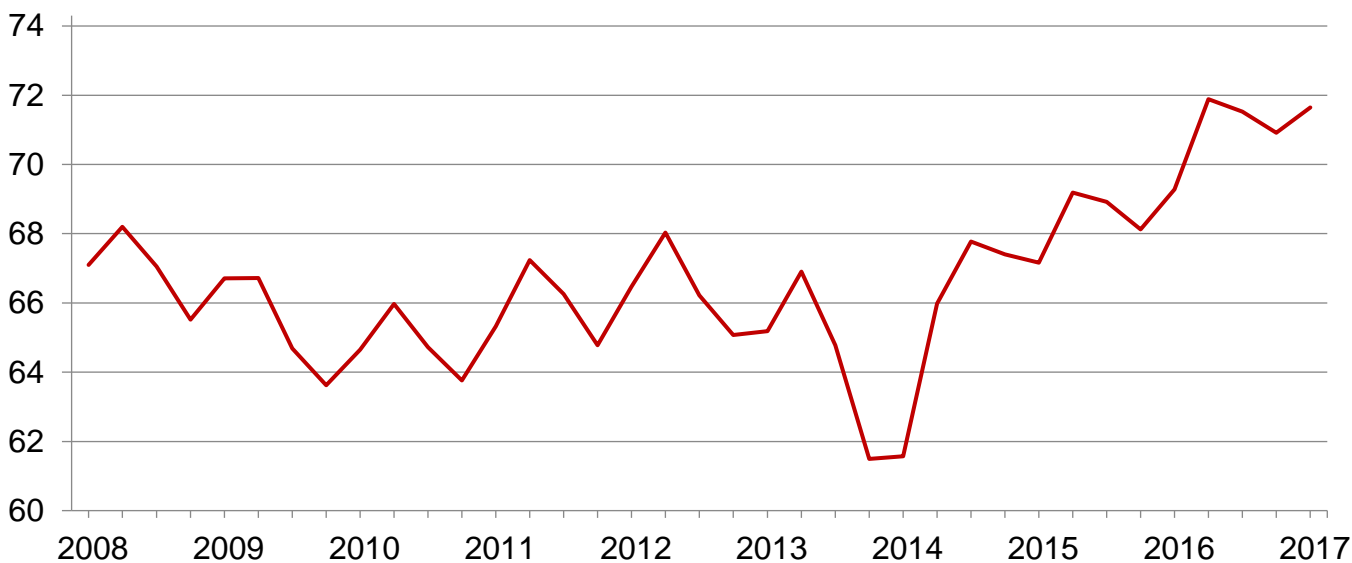
Breeding inventory, at 6.07 million head, was up 2 percent from last year, and up slightly from the previous quarter.

Market hog inventory, at 65.6 million head, was up 4 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 2017 pig crop, at 32.3 million head, was up 4 percent from 2016. This is the second largest March-May pig crop since since estimates began in 1970. Sows farrowed during this period totaled 3.06 million head, up 3 percent from 2016. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was a record high 10.55 for the March-May period, compared to 10.48 last year. Pigs saved per litter by size of operation ranged from 7.70 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: June 1

Million head



United States hog producers intend to have 3.06 million sows farrow during the June-August 2017 quarter, up slightly from the actual farrowings during the same period in 2016, and up 2 percent from 2015. Intended farrowings for September-November 2017, at 3.06 million sows, are up slightly from 2016, and up 4 percent from 2015.

The total number of hogs under contract owned by operations with over 5,000 head, but raised by contractees, accounted for 48 percent of the total United States hog inventory, up from 47 percent the previous year.

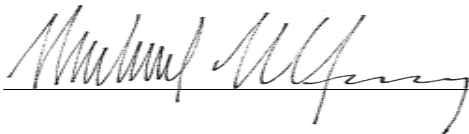
Revisions

All inventory and pig crop estimates for June 2016 through March 2017 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The net revision made to the December 2016 all hogs and pigs inventory was 0.03 percent. A revision of 0.1 percent was made to the September-November 2016 pig crop. A revision of 0.1 percent was made to the March 2017 all hogs and pigs inventory.

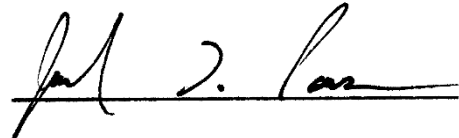
Records

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 June 29, 2017.



Secretary of Agriculture
Designate
Michael L. Young



Agricultural Statistics Board
Chairperson
Joseph L. Parsons

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Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2016 and 2017

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

Item	2016	2017	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory			
All hogs and pigs	68,124	70,921	104
Kept for breeding	5,980	6,068	101
Market	62,144	64,853	104
Market hogs and pigs by weight groups			
Under 50 pounds	19,897	20,617	104
50-119 pounds	17,198	17,902	104
120-179 pounds	13,819	14,435	104
180 pounds and over	11,229	11,899	106
June 1 inventory			
All hogs and pigs	69,281	71,650	103
Kept for breeding	5,979	6,069	102
Market	63,302	65,581	104
Market hogs and pigs by weight groups			
Under 50 pounds	20,356	21,017	103
50-119 pounds	18,198	18,831	103
120-179 pounds	13,291	13,856	104
180 pounds and over	11,456	11,877	104
September 1 inventory			
All hogs and pigs	71,886		
Kept for breeding	6,016		
Market	65,870		
Market hogs and pigs by weight groups			
Under 50 pounds	21,215		
50-119 pounds	19,276		
120-179 pounds	13,665		
180 pounds and over	11,713		
December 1 inventory			
All hogs and pigs	71,525		
Kept for breeding	6,090		
Market	65,435		
Market hogs and pigs by weight groups			
Under 50 pounds	20,887		
50-119 pounds	18,102		
120-179 pounds	13,786		
180 pounds and over	12,660		

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2015-2017

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

Item	2015	2016	2017	2017 as percent of	
				2015	2016
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February	2,895	2,927	3,010	104	103
March-May	2,854	2,968	3,060	107	103
December-May ¹	5,749	5,896	6,070	106	103
June-August ²	3,017	3,057	3,064	102	100
September-November ²	2,929	3,046	3,055	104	100
June-November ^{1 2}	5,946	6,103	6,120	103	100
Pig crop					
December-February	29,627	30,139	31,400	106	104
March-May	29,593	31,097	32,264	109	104
December-May ¹	59,219	61,236	63,664	108	104
June-August	31,343	32,331			
September-November	30,848	32,369			
June-November ¹	62,191	64,700			
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February	10.23	10.30	10.43	102	101
March-May	10.37	10.48	10.55	102	101
December-May	10.30	10.39	10.49	102	101
June-August	10.39	10.58			
September-November	10.53	10.63			
June-November	10.46	10.60			

¹ May not add due to rounding

² Intentions for 2017.

Pigs per Litter by Size of Operation – United States: 2016 and 2017

[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)
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	8.20	8.90	9.30	9.70	10.40	10.70
2017						
December-February	8.00	8.70	9.10	9.50	10.20	10.50
March-May	7.70	8.40	9.00	9.40	10.30	10.60
June-August						
September-November						

¹ Pigs per litter rounded to the nearest tenth.

Breeding, Market, and Total Inventory – States and United States: March 1, 2016 and 2017

[May not add due to rounding]

State	Breeding			Market			Total		
	2016	2017	2017 as percent of 2016	2016	2017	2017 as percent of 2016	2016	2017	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	150	155	103	550	555	101	700	710	101
Illinois	500	540	108	4,650	4,710	101	5,150	5,250	102
Indiana	260	280	108	3,490	3,770	108	3,750	4,050	108
Iowa	980	1,000	102	19,220	20,800	108	20,200	21,800	108
Kansas	175	165	94	1,755	1,825	104	1,930	1,990	103
Michigan	110	110	100	1,060	1,000	94	1,170	1,110	95
Minnesota	560	530	95	7,440	7,770	104	8,000	8,300	104
Missouri	385	445	116	2,615	2,655	102	3,000	3,100	103
Nebraska	420	415	99	2,980	2,935	98	3,400	3,350	99
North Carolina	880	880	100	7,920	8,320	105	8,800	9,200	105
Ohio	185	185	100	2,465	2,465	100	2,650	2,650	100
Oklahoma	480	445	93	1,660	1,665	100	2,140	2,110	99
Pennsylvania	110	100	91	1,030	1,060	103	1,140	1,160	102
South Dakota	190	200	105	1,220	1,250	102	1,410	1,450	103
Texas	110	120	109	750	800	107	860	920	107
Utah	75	80	107	595	620	104	670	700	104
Other States ¹	410	418	102	2,744	2,653	97	3,154	3,071	97
United States	5,980	6,068	101	62,144	64,853	104	68,124	70,921	104

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

Market Inventory by Weight Group – States and United States: March 1, 2016 and 2017

[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	
	2016	2017	2016	2017	2016	2017	2016	2017
	(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	260	260	100	110	90	95	100	90
Illinois	1,500	1,530	1,370	1,460	920	920	860	800
Indiana	1,040	1,030	980	1,050	730	810	740	880
Iowa	4,720	5,450	6,100	6,490	4,850	5,270	3,550	3,590
Kansas	490	455	465	495	375	345	425	530
Michigan	290	285	260	245	260	240	250	230
Minnesota	2,600	2,580	2,280	2,320	1,530	1,650	1,030	1,220
Missouri	1,250	1,350	535	515	420	400	410	390
Nebraska	1,000	960	780	745	660	650	540	580
North Carolina	3,180	3,140	1,730	1,860	1,710	1,800	1,300	1,520
Ohio	740	690	680	730	605	625	440	420
Oklahoma	690	745	335	305	310	270	325	345
Pennsylvania	270	270	315	320	270	280	175	190
South Dakota	430	455	330	325	240	240	220	230
Texas	190	180	205	220	160	175	195	225
Utah	265	265	110	115	120	130	100	110
Other States ¹	982	972	623	597	569	535	569	549
United States	19,897	20,617	17,198	17,902	13,819	14,435	11,229	11,899

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

Breeding, Market, and Total Inventory – States and United States: June 1, 2016 and 2017

[May not add due to rounding]

State	Breeding			Market			Total		
	2016	2017	2017 as percent of 2016	2016	2017	2017 as percent of 2016	2016	2017	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	145	155	107	565	565	100	710	720	101
Illinois	530	530	100	4,670	4,820	103	5,200	5,350	103
Indiana	260	260	100	3,590	3,740	104	3,850	4,000	104
Iowa	970	1,030	106	19,830	21,170	107	20,800	22,200	107
Kansas	175	160	91	1,765	1,810	103	1,940	1,970	102
Michigan	110	110	100	1,040	1,010	97	1,150	1,120	97
Minnesota	560	530	95	7,540	7,870	104	8,100	8,400	104
Missouri	395	440	111	2,605	2,860	110	3,000	3,300	110
Nebraska	425	420	99	3,075	3,030	99	3,500	3,450	99
North Carolina	890	880	99	8,210	8,120	99	9,100	9,000	99
Ohio	180	190	106	2,370	2,510	106	2,550	2,700	106
Oklahoma	470	450	96	1,700	1,590	94	2,170	2,040	94
Pennsylvania	100	105	105	1,050	1,105	105	1,150	1,210	105
South Dakota	190	200	105	1,210	1,300	107	1,400	1,500	107
Texas	100	125	125	790	795	101	890	920	103
Utah	75	75	100	605	605	100	680	680	100
Other States ¹	404	409	101	2,687	2,681	100	3,091	3,090	100
United States	5,979	6,069	102	63,302	65,581	104	69,281	71,650	103

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

Market Inventory by Weight Group – States and United States: June 1, 2016 and 2017

[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	
	2016	2017	2016	2017	2016	2017	2016	2017
	(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	255	120	120	95	100	85	90
Illinois	1,420	1,500	1,460	1,540	910	940	880	840
Indiana	1,020	970	1,120	1,140	700	770	750	860
Iowa	5,280	5,650	6,400	6,970	4,760	4,950	3,390	3,600
Kansas	470	490	490	490	310	360	495	470
Michigan	305	290	255	240	240	255	240	225
Minnesota	2,550	2,590	2,340	2,370	1,470	1,630	1,180	1,280
Missouri	1,315	1,410	540	580	350	435	400	435
Nebraska	960	1,005	840	785	685	665	590	575
North Carolina	3,180	3,290	1,970	1,870	1,560	1,500	1,500	1,460
Ohio	720	720	680	720	570	630	400	440
Oklahoma	760	685	370	340	250	250	320	315
Pennsylvania	255	295	330	345	280	290	185	175
South Dakota	425	455	325	345	250	250	210	250
Texas	205	165	230	235	190	180	165	215
Utah	255	245	115	120	125	130	110	110
Other States ¹	971	1,002	613	621	546	521	556	537
United States	20,356	21,017	18,198	18,831	13,291	13,856	11,456	11,877

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	575	93	760	720	95
Illinois	500	530	106	4,300	4,520	105	4,800	5,050	105
Indiana	280	280	100	3,570	3,770	106	3,850	4,050	105
Iowa	1,000	980	98	20,500	21,320	104	21,500	22,300	104
Kansas	180	180	100	1,780	1,830	103	1,960	2,010	103
Michigan	110	105	95	1,000	1,035	104	1,110	1,140	103
Minnesota	560	570	102	7,390	7,830	106	7,950	8,400	106
Missouri	400	395	99	2,700	2,805	104	3,100	3,200	103
Nebraska	410	420	102	2,840	3,180	112	3,250	3,600	111
North Carolina	880	890	101	7,920	8,410	106	8,800	9,300	106
Ohio	185	190	103	2,235	2,410	108	2,420	2,600	107
Oklahoma	470	455	97	1,770	1,785	101	2,240	2,240	100
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	830	108	870	930	107
Utah	75	75	100	675	625	93	750	700	93
Other States ¹	416	411	99	2,880	2,675	93	3,295	3,086	94
United States	5,986	6,016	101	63,200	65,870	104	69,185	71,886	104

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	85	105	95
Illinois	1,370	1,440	1,330	1,380	810	910	790	790
Indiana	1,040	1,050	1,050	1,130	720	750	760	840
Iowa	5,440	5,690	6,700	6,930	4,880	5,080	3,480	3,620
Kansas	490	500	505	515	305	365	480	450
Michigan	305	295	250	270	215	235	230	235
Minnesota	2,600	2,650	2,250	2,480	1,390	1,500	1,150	1,200
Missouri	1,295	1,375	590	600	400	400	415	430
Nebraska	910	990	810	950	590	640	530	600
North Carolina	3,260	3,260	2,000	2,080	1,410	1,600	1,250	1,470
Ohio	660	740	700	730	505	550	370	390
Oklahoma	805	775	430	440	260	250	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	240	180	160	180	190
Utah	280	250	140	130	130	130	125	115
Other States ¹	1,066	985	711	606	550	530	553	553
United States	20,741	21,215	18,496	19,276	12,855	13,665	11,108	11,713

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

Breeding, Market, and Total Inventory – States and United States: December 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	150	103	555	520	94	700	670	96
Illinois	490	540	110	4,610	4,560	99	5,100	5,100	100
Indiana	270	270	100	3,580	3,830	107	3,850	4,100	106
Iowa	1,030	1,030	100	19,870	21,370	108	20,900	22,400	107
Kansas	175	165	94	1,765	1,745	99	1,940	1,910	98
Michigan	110	110	100	1,010	1,010	100	1,120	1,120	100
Minnesota	560	550	98	7,540	7,750	103	8,100	8,300	102
Missouri	395	435	110	2,655	2,665	100	3,050	3,100	102
Nebraska	420	415	99	2,880	2,985	104	3,300	3,400	103
North Carolina	870	880	101	8,030	8,420	105	8,900	9,300	104
Ohio	190	200	105	2,310	2,500	108	2,500	2,700	108
Oklahoma	470	450	96	1,640	1,710	104	2,110	2,160	102
Pennsylvania	100	100	100	1,060	1,110	105	1,160	1,210	104
South Dakota	175	190	109	1,185	1,260	106	1,360	1,450	107
Texas	105	110	105	755	770	102	860	880	102
Utah	75	75	100	605	625	103	680	700	103
Other States ¹	422	420	100	2,867	2,605	91	3,289	3,025	92
United States	6,002	6,090	101	62,917	65,435	104	68,919	71,525	104

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

Market Inventory by Weight Group – States and United States: December 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	240	220	120	120	90	95	105	85
Illinois	1,440	1,450	1,330	1,360	910	890	930	860
Indiana	1,050	1,040	920	1,090	760	790	850	910
Iowa	5,220	5,700	6,280	6,610	4,660	5,040	3,710	4,020
Kansas	430	455	405	520	410	320	520	450
Michigan	275	295	250	260	240	215	245	240
Minnesota	2,660	2,650	2,200	2,300	1,470	1,530	1,210	1,270
Missouri	1,290	1,340	525	520	400	375	440	430
Nebraska	950	955	750	790	580	650	600	590
North Carolina	3,050	3,160	1,880	1,950	1,590	1,680	1,510	1,630
Ohio	620	750	620	660	620	600	450	490
Oklahoma	700	735	345	360	260	275	335	340
Pennsylvania	255	320	335	335	270	245	200	210
South Dakota	405	445	320	325	215	245	245	245
Texas	205	170	205	190	165	175	180	235
Utah	245	250	115	120	125	130	120	125
Other States ¹	973	952	662	592	605	531	626	530
United States	20,008	20,887	17,262	18,102	13,370	13,786	12,276	12,660

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 2016 and 2017

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

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2016	2017	2017 as percent of 2016	2016	2017	2016	2017	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	75	77	103	9.75	9.90	731	762	104
Illinois	250	265	106	10.35	10.20	2,588	2,703	104
Indiana	140	145	104	10.20	10.25	1,428	1,486	104
Iowa	500	530	106	10.70	10.75	5,350	5,698	107
Kansas	90	80	89	10.20	10.00	918	800	87
Michigan	51	50	98	10.60	10.40	541	520	96
Minnesota	275	270	98	11.10	11.35	3,053	3,065	100
Missouri	195	220	113	9.65	10.05	1,882	2,211	117
Nebraska	175	180	103	11.30	11.55	1,978	2,079	105
North Carolina	460	460	100	9.90	9.90	4,554	4,554	100
Ohio	91	91	100	10.10	10.80	919	983	107
Oklahoma	200	200	100	10.30	10.30	2,060	2,060	100
Pennsylvania	49	47	96	10.20	10.30	500	484	97
South Dakota	96	102	106	10.75	11.30	1,032	1,153	112
Texas	47	51	109	8.00	9.90	376	505	134
Utah	39	39	100	8.70	8.70	339	339	100
Other States ²	194	203	105	9.73	9.84	1,890	1,998	106
United States	2,927	3,010	103	10.30	10.43	30,139	31,400	104

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 2016 and 2017

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2016	2017	2017 as percent of 2016	2016	2017	2016	2017	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	77	77	100	10.20	10.40	785	801	102
Illinois	255	265	104	10.40	10.55	2,652	2,796	105
Indiana	131	140	107	10.40	10.50	1,362	1,470	108
Iowa	500	540	108	10.90	10.95	5,450	5,913	108
Kansas	85	82	96	10.50	10.00	893	820	92
Michigan	48	50	104	10.50	10.50	504	525	104
Minnesota	285	290	102	11.05	11.40	3,149	3,306	105
Missouri	205	225	110	9.95	10.25	2,040	2,306	113
Nebraska	185	185	100	11.40	11.45	2,109	2,118	100
North Carolina	475	470	99	10.25	10.00	4,869	4,700	97
Ohio	88	97	110	10.50	10.60	924	1,028	111
Oklahoma	200	195	98	10.30	10.60	2,060	2,067	100
Pennsylvania	51	51	100	10.30	10.50	525	536	102
South Dakota	94	101	107	10.75	11.35	1,011	1,146	113
Texas	46	52	113	7.85	7.30	361	380	105
Utah	41	39	95	9.40	9.00	385	351	91
Other States ²	202	201	99	9.97	9.98	2,018	2,001	99
United States	2,968	3,060	103	10.48	10.55	31,097	32,264	104

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 2015-2017

[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	71	78	76	97	10.10	10.10	717	788	110
Illinois	260	260	265	102	10.15	10.55	2,639	2,743	104
Indiana	145	145	140	97	10.60	10.60	1,537	1,537	100
Iowa	510	510	540	106	10.80	11.00	5,508	5,610	102
Kansas	90	89	80	90	10.30	10.50	927	935	101
Michigan	52	50	52	104	11.00	10.50	572	525	92
Minnesota	305	310	290	94	11.15	11.10	3,401	3,441	101
Missouri	215	215	230	107	9.85	10.10	2,118	2,172	103
Nebraska	180	185	190	103	11.10	11.35	1,998	2,100	105
North Carolina	470	485	465	96	9.70	10.20	4,559	4,947	109
Ohio	92	92	93	101	10.50	10.60	966	975	101
Oklahoma	195	200	192	96	10.40	10.65	2,028	2,130	105
Pennsylvania	49	48	52	108	10.40	10.45	510	502	98
South Dakota	91	97	103	106	10.85	10.75	987	1,043	106
Texas	49	45	59	131	9.00	9.30	441	419	95
Utah	43	39	36	92	9.60	9.50	413	371	90
Other States ³	200	209	201	96	10.12	10.03	2,022	2,093	104
United States	3,017	3,057	3,064	100	10.39	10.58	31,343	32,331	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 2015-2017

[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	70	74	73	99	9.95	10.40	697	770	110
Illinois	235	260	260	100	10.35	10.60	2,432	2,756	113
Indiana	135	140	135	96	10.40	10.30	1,404	1,442	103
Iowa	530	560	540	96	11.00	10.90	5,830	6,104	105
Kansas	86	82	83	101	10.40	10.60	894	869	97
Michigan	51	49	52	106	10.70	10.60	546	519	95
Minnesota	285	300	290	97	11.10	11.20	3,164	3,360	106
Missouri	195	210	230	110	10.40	10.45	2,028	2,195	108
Nebraska	180	180	190	106	11.15	11.60	2,007	2,088	104
North Carolina	450	460	460	100	10.15	10.30	4,568	4,738	104
Ohio	91	96	94	98	10.50	10.50	956	1,008	105
Oklahoma	195	195	190	97	10.40	10.55	2,028	2,057	101
Pennsylvania	46	50	51	102	10.40	10.50	478	525	110
South Dakota	91	100	102	102	10.85	10.90	987	1,090	110
Texas	47	48	64	133	9.40	9.90	442	475	107
Utah	39	38	38	100	9.50	9.00	371	342	92
Other States ³	203	204	203	100	9.93	9.96	2,016	2,031	101
United States	2,929	3,046	3,055	100	10.53	10.63	30,848	32,369	105

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 2016 and 2017**

[December preceding year]

Month	Sows farrowing ¹		Pigs per litter		Pig crop ¹	
	2016	2017	2016	2017	2016	2017
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December	977	1,017	10.35	10.40	10,109	10,578
January	993	998	10.29	10.42	10,214	10,396
February	957	995	10.25	10.48	9,816	10,426
March	1,022	1,051	10.45	10.54	10,673	11,074
April	964	991	10.50	10.56	10,117	10,457
May	983	1,018	10.49	10.55	10,308	10,734
June	1,033		10.52		10,865	
July	1,014		10.56		10,712	
August	1,009		10.65		10,753	
September	1,041		10.65		11,083	
October	1,010		10.63		10,740	
November	995		10.60		10,546	
Total	11,998		10.50		125,936	

¹ 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 June 2017, data were collected from about 5,400 operations, 71 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 June 1, 2017.

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 71.7 million head by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.5 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	2.5	809	25.4	1,726	12	8
Pig crop	2.4	4.1	568	0	1,260	13	6
Expected farrowings							
Next quarter	3.0	5.2	75	0	167	12	7
Following quarter	3.2	5.5	78	11	197	11	9

Records by Quarter – United States: 1866 to Present

[This table 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]

Item	Estimate	Record high	Series began
	(1,000 head)	(year)	(year)
All hogs and pigs			
March 1	70,921	2017	1988
June 1	71,650	2017	1964
September 1	71,886	2016	1988
December 1	83,741	1943	1866
Market			
March 1	64,853	2017	1988
June 1	65,581	2017	1964
September 1	65,870	2016	1988
December 1	65,435	2016	1963
Pig crop			
December-February ¹	31,400	2017	1970
March-May	32,355	1970	1970
June-August	32,331	2016	1970
September-November	32,369	2016	1970
Pigs per litter			
	(number)	(year)	(year)
December-February ¹	10.43	2017	1970
March-May	10.55	2017	1970
June-August	10.58	2016	1970
September-November	10.63	2016	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.

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Sherry Bertramsen – Livestock Slaughter	(202) 720-3240
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Michael Klamm – Cattle, Cattle on Feed	(202) 720-3040
Mike Miller – Milk Production and Milk Cows	(202) 720-3278
Seth Riggins – Hogs and Pigs	(202) 720-3106

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- 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.

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