



Quarterly Hogs and Pigs

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United States Hog Inventory Up 4 Percent

United States inventory of all hogs and pigs on December 1, 2016 was 71.5 million head. This was up 4 percent from December 1, 2015, and up slightly from September 1, 2016.

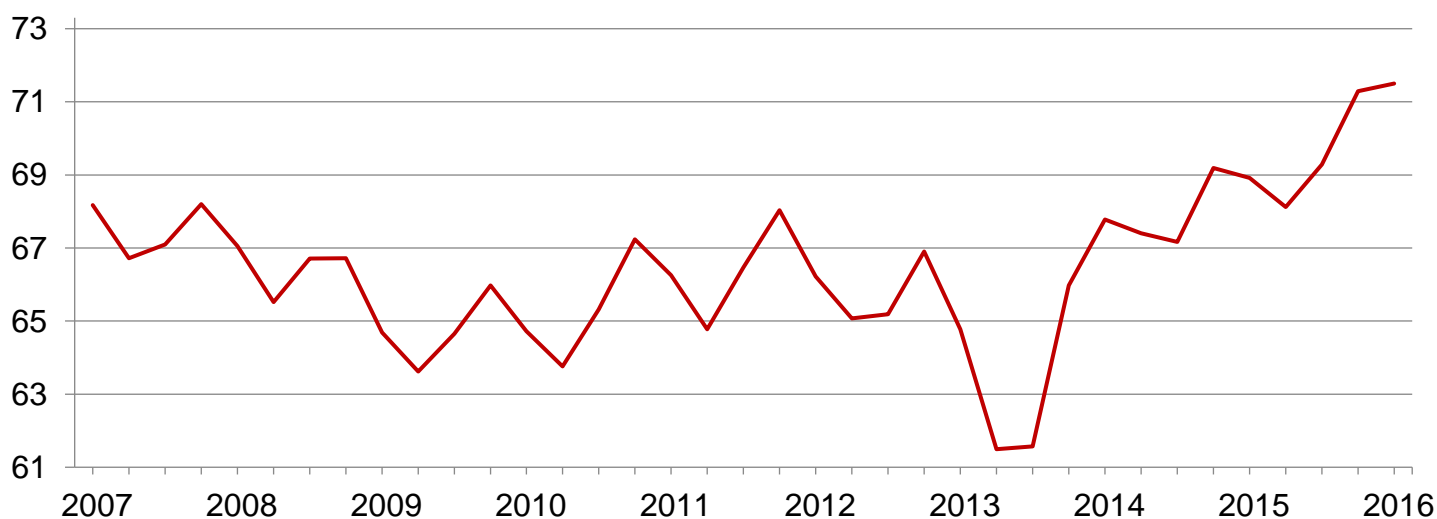
Breeding inventory, at 6.09 million head, was up 1 percent from last year, and up 1 percent from the previous quarter.

Market hog inventory, at 65.4 million head, was up 4 percent from last year, and up slightly from last quarter.

The September-November 2016 pig crop, at 32.3 million head, was up 5 percent from 2015. Sows farrowing during this period totaled 3.04 million head, up 4 percent 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 10.63 for the September-November period, compared to 10.53 last year. Pigs saved per litter by size of operation ranged from 8.20 for operations with 1-99 hogs and pigs to 10.70 for operations with more than 5,000 hogs and pigs.

Quarterly Hogs and Pigs Inventory – United States: December 1

Million head



United States hog producers intend to have 2.97 million sows farrow during the December-February 2017 quarter, up 1 percent from the actual farrowings during the same period in 2016, and up 3 percent from 2015. Intended farrowings for March-May 2017, at 3.00 million sows, are up 1 percent from 2016, and up 5 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 46 percent last year.

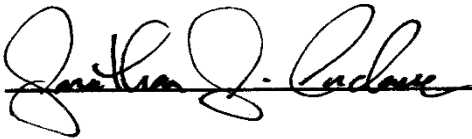
Revisions

All inventory and pig crop estimates for March 2015 through September 2016 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The net revision made to the June 2016 all hogs and pigs inventory was 1.3 percent. A revision of 2.5 percent was made to the March-May 2016 pig crop. A revision of 0.6 percent was made to the September 2016 all hogs and pigs inventory.

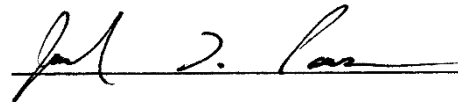
Records

Record highs for all hogs and pigs, market hogs, pig crop and pigs per litter, by quarter, can be found on page 16.

This report was approved on December 23, 2016.



Secretary of Agriculture
Designate
Jonathan J. Cordone



Agricultural Statistics Board
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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]

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	69,281	103
Kept for breeding	5,926	5,979	101
Market	61,240	63,302	103
Market hogs and pigs by weight groups			
Under 50 pounds	19,365	20,356	105
50-119 pounds	17,461	18,198	104
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	71,286	103
Kept for breeding	5,986	6,016	101
Market	63,200	65,270	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	13,615	106
180 pounds and over	11,108	11,713	105
December 1 inventory			
All hogs and pigs	68,919	71,500	104
Kept for breeding	6,002	6,090	101
Market	62,917	65,410	104
Market hogs and pigs by weight groups			
Under 50 pounds	20,008	20,882	104
50-119 pounds	17,262	18,037	104
120-179 pounds	13,370	13,911	104
180 pounds and over	12,276	12,580	102

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

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

Item	2015	2016	2017	2016 as percent of 2015	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February ^{1 2}	2,895	2,927	2,968	101	101
March-May ²	2,854	2,968	2,997	104	101
December-May ¹	5,749	5,896	5,965	103	101
June-August	3,017	3,025		100	
September-November	2,929	3,043		104	
June-November	5,946	6,068		102	
Pig crop					
December-February ¹	29,627	30,139		102	
March-May	29,593	31,097		105	
December-May ¹	59,219	61,236		103	
June-August	31,343	31,987		102	
September-November	30,848	32,333		105	
June-November	62,191	64,320		103	
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February ¹	10.23	10.30		101	
March-May	10.37	10.48		101	
December-May ¹	10.30	10.39		101	
June-August	10.39	10.58		102	
September-November	10.53	10.63		101	
June-November	10.46	10.60		101	

¹ December preceding year.

² Intentions for 2017.

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

[December preceding year]

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	8.20	8.90	9.30	9.70	10.40	10.70

¹ Pigs per litter rounded to the nearest tenth.

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)
Alabama	13.00	10.00	77	87.00	30.00	34	100.00	40.00	40
Alaska	0.30	0.30	100	1.10	1.20	109	1.40	1.50	107
Arizona	18.00	17.00	94	114.00	98.00	86	132.00	115.00	87
Arkansas	61.00	49.00	80	105.00	93.00	89	166.00	142.00	86
California	4.00	6.00	150	91.00	83.00	91	95.00	89.00	94
Colorado	145.00	150.00	103	555.00	520.00	94	700.00	670.00	96
Connecticut	0.50	0.50	100	2.00	3.10	155	2.50	3.60	144
Delaware	0.60	2.50	417	2.40	4.50	188	3.00	7.00	233
Florida	4.00	4.00	100	12.00	14.00	117	16.00	18.00	113
Georgia	25.00	25.00	100	135.00	40.00	30	160.00	65.00	41
Hawaii	2.00	2.50	125	7.00	7.50	107	9.00	10.00	111
Idaho	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois	490.00	540.00	110	4,610.00	4,560.00	99	5,100.00	5,100.00	100
Indiana	270.00	270.00	100	3,580.00	3,830.00	107	3,850.00	4,100.00	106
Iowa	1,030.00	1,030.00	100	19,870.00	21,370.00	108	20,900.00	22,400.00	107
Kansas	175.00	165.00	94	1,765.00	1,745.00	99	1,940.00	1,910.00	98
Kentucky	43.00	46.00	107	382.00	384.00	101	425.00	430.00	101
Louisiana	2.00	2.00	100	6.00	5.00	83	8.00	7.00	88
Maine	1.00	1.00	100	3.50	3.60	103	4.50	4.60	102
Maryland	5.00	3.50	70	16.00	17.50	109	21.00	21.00	100
Massachusetts	2.00	2.00	100	9.00	6.00	67	11.00	8.00	73
Michigan	110.00	110.00	100	1,010.00	1,000.00	99	1,120.00	1,110.00	99
Minnesota	560.00	550.00	98	7,540.00	7,750.00	103	8,100.00	8,300.00	102
Mississippi	46.00	55.00	120	469.00	475.00	101	515.00	530.00	103
Missouri	395.00	435.00	110	2,655.00	2,665.00	100	3,050.00	3,100.00	102
Montana	24.00	24.00	100	151.00	151.00	100	175.00	175.00	100
Nebraska	420.00	415.00	99	2,880.00	2,985.00	104	3,300.00	3,400.00	103
Nevada	0.30	0.20	67	0.70	1.00	143	1.00	1.20	120
New Hampshire	0.80	0.60	75	3.10	2.60	84	3.90	3.20	82
New Jersey	1.50	1.50	100	10.50	9.50	90	12.00	11.00	92
New Mexico	0.50	0.40	80	1.00	1.30	130	1.50	1.70	113
New York	8.00	7.00	88	68.00	39.00	57	76.00	46.00	61
North Carolina	870.00	880.00	101	8,030.00	8,420.00	105	8,900.00	9,300.00	104
North Dakota	31.00	34.00	110	106.00	112.00	106	137.00	146.00	107
Ohio	190.00	200.00	105	2,310.00	2,500.00	108	2,500.00	2,700.00	108
Oklahoma	470.00	450.00	96	1,640.00	1,700.00	104	2,110.00	2,150.00	102
Oregon	2.00	3.00	150	8.00	10.00	125	10.00	13.00	130
Pennsylvania	100.00	100.00	100	1,060.00	1,110.00	105	1,160.00	1,210.00	104
Rhode Island	0.40	0.40	100	1.10	1.20	109	1.50	1.60	107
South Carolina	12.00	12.00	100	223.00	188.00	84	235.00	200.00	85
South Dakota	175.00	190.00	109	1,185.00	1,260.00	106	1,360.00	1,450.00	107
Tennessee	20.00	22.00	110	200.00	203.00	102	220.00	225.00	102
Texas	105.00	110.00	105	755.00	770.00	102	860.00	880.00	102
Utah	75.00	75.00	100	605.00	625.00	103	680.00	700.00	103
Vermont	1.00	1.00	100	3.00	3.00	100	4.00	4.00	100
Virginia	5.00	5.00	100	265.00	245.00	92	270.00	250.00	93
Washington	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West Virginia	1.50	1.00	67	3.50	3.00	86	5.00	4.00	80
Wisconsin	43.00	45.00	105	277.00	280.00	101	320.00	325.00	102
Wyoming	33.00	32.00	97	63.00	60.00	95	96.00	92.00	96
Idaho and Washington	11.00	5.00	45	41.00	25.00	61	52.00	30.00	58
United States	6,002.40	6,090.40	101	62,916.90	65,410.00	104	68,919.30	71,500.40	104

(D) Withheld to avoid disclosing data for individual operations.

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)
Alabama	25.00	12.00	21.00	5.00	19.00	6.00	22.00	7.00
Alaska	0.40	0.40	0.40	0.50	0.20	0.20	0.10	0.10
Arizona	48.00	40.00	23.00	20.00	22.00	19.00	21.00	19.00
Arkansas	88.00	80.00	3.00	8.00	4.00	3.00	10.00	2.00
California	22.00	21.00	19.00	18.00	25.00	23.00	25.00	21.00
Colorado	240.00	220.00	120.00	120.00	90.00	95.00	105.00	85.00
Connecticut	0.70	1.20	0.40	1.30	0.40	0.30	0.50	0.30
Delaware	1.20	2.80	0.60	0.60	0.40	0.50	0.20	0.60
Florida	4.00	5.00	4.00	5.00	2.00	2.00	2.00	2.00
Georgia	54.00	28.00	28.00	4.00	29.00	3.00	24.00	5.00
Hawaii	3.00	3.00	2.00	2.00	1.00	1.50	1.00	1.00
Idaho	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois	1,440.00	1,450.00	1,330.00	1,360.00	910.00	890.00	930.00	860.00
Indiana	1,050.00	1,040.00	920.00	1,080.00	760.00	800.00	850.00	910.00
Iowa	5,220.00	5,700.00	6,280.00	6,610.00	4,660.00	5,080.00	3,710.00	3,980.00
Kansas	430.00	455.00	405.00	520.00	410.00	320.00	520.00	450.00
Kentucky	95.00	104.00	112.00	105.00	71.00	90.00	104.00	85.00
Louisiana	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00
Maine	1.20	1.20	0.60	1.00	0.90	0.70	0.80	0.70
Maryland	5.00	4.00	4.00	6.50	4.00	5.00	3.00	2.00
Massachusetts	2.10	2.00	2.60	1.80	2.10	1.00	2.20	1.20
Michigan	275.00	295.00	250.00	250.00	240.00	215.00	245.00	240.00
Minnesota	2,660.00	2,650.00	2,200.00	2,300.00	1,470.00	1,550.00	1,210.00	1,250.00
Mississippi	173.00	193.00	113.00	113.00	92.00	84.00	91.00	85.00
Missouri	1,290.00	1,340.00	525.00	520.00	400.00	385.00	440.00	420.00
Montana	57.00	59.00	33.00	34.00	32.00	29.00	29.00	29.00
Nebraska	950.00	955.00	750.00	790.00	580.00	650.00	600.00	590.00
Nevada	0.30	0.40	0.10	0.20	0.10	0.10	0.20	0.30
New Hampshire	0.80	0.40	0.80	0.70	0.70	0.80	0.80	0.70
New Jersey	2.20	2.40	2.50	1.60	2.60	1.90	3.20	3.60
New Mexico	0.20	0.40	0.40	0.30	0.20	0.40	0.20	0.20
New York	26.00	13.00	15.00	8.00	14.00	11.00	13.00	7.00
North Carolina	3,050.00	3,160.00	1,880.00	1,940.00	1,590.00	1,700.00	1,510.00	1,620.00
North Dakota	52.00	59.00	23.00	22.00	14.00	14.00	17.00	17.00
Ohio	620.00	750.00	620.00	650.00	620.00	610.00	450.00	490.00
Oklahoma	700.00	735.00	345.00	340.00	260.00	285.00	335.00	340.00
Oregon	3.00	3.00	2.00	2.50	2.00	3.00	1.00	1.50
Pennsylvania	255.00	320.00	335.00	335.00	270.00	245.00	200.00	210.00
Rhode Island	0.40	0.40	0.30	0.40	0.20	0.20	0.20	0.20
South Carolina	43.00	40.00	58.00	46.00	60.00	46.00	62.00	56.00
South Dakota	405.00	445.00	320.00	325.00	215.00	245.00	245.00	245.00
Tennessee	49.00	65.00	44.00	44.00	54.00	46.00	53.00	48.00
Texas	205.00	170.00	205.00	190.00	165.00	175.00	180.00	235.00
Utah	245.00	250.00	115.00	120.00	125.00	130.00	120.00	125.00
Vermont	0.90	0.80	0.80	0.80	0.60	0.70	0.70	0.70
Virginia	61.00	54.00	65.00	60.00	72.00	69.00	67.00	62.00
Washington	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West Virginia	1.00	0.50	1.00	1.00	0.50	0.50	1.00	1.00
Wisconsin	89.00	95.00	63.00	62.00	65.00	63.00	60.00	60.00
Wyoming	47.00	47.00	7.00	5.00	4.00	4.00	5.00	4.00
Idaho and Washington	16.00	7.50	10.50	6.00	9.50	6.00	5.00	5.50
United States	20,008.40	20,882.40	17,262.00	18,037.20	13,370.40	13,910.80	12,276.10	12,579.60

(D) Withheld to avoid disclosing data for individual operations.

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	565	102	700	710	101
Illinois	490	530	108	4,160	4,670	112	4,650	5,200	112
Indiana	270	260	96	3,380	3,590	106	3,650	3,850	105
Iowa	1,000	970	97	20,000	19,830	99	21,000	20,800	99
Kansas	180	175	97	1,690	1,765	104	1,870	1,940	104
Michigan	110	110	100	990	1,040	105	1,100	1,150	105
Minnesota	550	560	102	7,600	7,540	99	8,150	8,100	99
Missouri	395	395	100	2,505	2,605	104	2,900	3,000	103
Nebraska	410	425	104	2,790	3,075	110	3,200	3,500	109
North Carolina	880	890	101	7,120	8,210	115	8,000	9,100	114
Ohio	185	180	97	2,195	2,370	108	2,380	2,550	107
Oklahoma	440	470	107	1,790	1,700	95	2,230	2,170	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	790	102	880	890	101
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	63,302	103	67,165	69,281	103

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	265	125	120	80	95	80	85
Illinois	1,250	1,420	1,240	1,460	890	910	780	880
Indiana	940	1,020	1,000	1,120	670	700	770	750
Iowa	5,070	5,280	6,410	6,400	4,820	4,760	3,700	3,390
Kansas	430	470	505	490	345	310	410	495
Michigan	275	305	255	255	240	240	220	240
Minnesota	2,570	2,550	2,300	2,340	1,540	1,470	1,190	1,180
Missouri	1,245	1,315	485	540	370	350	405	400
Nebraska	860	960	765	840	630	685	535	590
North Carolina	2,830	3,180	1,650	1,970	1,320	1,560	1,320	1,500
Ohio	630	720	660	680	535	570	370	400
Oklahoma	740	760	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	205	205	230	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	20,356	17,461	18,198	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	575	93	760	720	95
Illinois	500	530	106	4,300	4,470	104	4,800	5,000	104
Indiana	280	280	100	3,570	3,720	104	3,850	4,000	104
Iowa	1,000	980	98	20,500	21,120	103	21,500	22,100	103
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	7,730	105	7,950	8,300	104
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	8,310	105	8,800	9,200	105
Ohio	185	190	103	2,235	2,410	108	2,420	2,600	107
Oklahoma	470	455	97	1,770	1,765	100	2,240	2,220	99
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	820	107	870	920	106
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	65,270	103	69,185	71,286	103

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	860	790	790
Indiana	1,040	1,050	1,050	1,080	720	750	760	840
Iowa	5,440	5,590	6,700	6,830	4,880	5,080	3,480	3,620
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	1,500	1,150	1,200
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	1,600	1,250	1,470
Ohio	660	740	700	730	505	550	370	390
Oklahoma	805	775	430	420	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	230	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	21,090	18,496	18,851	12,855	13,615	11,108	11,713

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

Annual Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-November 2015 and 2016

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

State	Sows farrowing			Pigs per litter		Pig crop		
	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)
Alabama	20.50	19.00	93	9.95	9.47	204.00	180.00	88
Alaska	0.22	0.24	109	8.18	8.75	1.80	2.10	117
Arizona	31.00	35.00	113	8.68	9.43	269.00	330.00	123
Arkansas	126.00	122.00	97	10.54	10.56	1,328.00	1,288.00	97
California	8.50	7.00	82	7.29	7.00	62.00	49.00	79
Colorado	280.00	303.00	108	9.96	10.11	2,790.00	3,063.00	110
Connecticut	0.40	0.50	125	9.00	7.60	3.60	3.80	106
Delaware	0.40	1.20	300	10.00	8.83	4.00	10.60	265
Florida	4.00	4.00	100	7.00	6.75	28.00	27.00	96
Georgia	48.00	48.00	100	10.50	10.46	504.00	502.00	100
Hawaii	2.00	2.00	100	7.25	6.50	14.50	13.00	90
Idaho	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois	970.00	1,020.00	105	10.29	10.48	9,985.00	10,686.00	107
Indiana	550.00	556.00	101	10.40	10.38	5,720.00	5,769.00	101
Iowa	2,045.00	2,060.00	101	10.78	10.88	22,042.00	22,404.00	102
Kansas	348.00	346.00	99	10.16	10.45	3,537.00	3,615.00	102
Kentucky	82.00	93.00	113	9.77	9.74	801.00	906.00	113
Louisiana	1.10	0.90	82	7.00	6.22	7.70	5.60	73
Maine	0.90	0.90	100	7.44	7.11	6.70	6.40	96
Maryland	5.20	4.70	90	8.65	8.94	45.00	42.00	93
Massachusetts	2.30	2.50	109	8.43	7.04	19.40	17.60	91
Michigan	205.00	198.00	97	10.73	10.55	2,199.00	2,089.00	95
Minnesota	1,150.00	1,160.00	101	11.08	11.11	12,739.00	12,892.00	101
Mississippi	100.00	111.00	111	11.33	10.07	1,133.00	1,118.00	99
Missouri	815.00	825.00	101	10.10	10.05	8,235.00	8,289.00	101
Montana	45.50	47.00	103	10.73	10.96	488.00	515.00	106
Nebraska	700.00	725.00	104	11.11	11.41	7,779.00	8,275.00	106
Nevada	0.40	0.40	100	5.75	5.50	2.30	2.20	96
New Hampshire	0.50	0.40	80	8.80	8.00	4.40	3.20	73
New Jersey	0.80	1.00	125	7.13	6.10	5.70	6.10	107
New Mexico	0.40	0.40	100	7.50	7.75	3.00	3.10	103
New York	15.00	9.50	63	10.20	9.79	153.00	93.00	61
North Carolina	1,810.00	1,875.00	104	9.67	10.16	17,494.00	19,057.00	109
North Dakota	68.00	70.50	104	10.82	10.78	736.00	760.00	103
Ohio	360.00	366.00	102	10.51	10.43	3,785.00	3,816.00	101
Oklahoma	780.00	795.00	102	10.32	10.45	8,053.00	8,307.00	103
Oregon	1.80	2.30	128	8.28	8.30	14.90	19.10	128
Pennsylvania	190.00	197.00	104	10.33	10.37	1,962.00	2,042.00	104
Rhode Island	0.40	0.40	100	7.00	5.50	2.80	2.20	79
South Carolina	19.00	21.00	111	10.05	8.90	191.00	187.00	98
South Dakota	353.00	387.00	110	10.86	10.79	3,834.00	4,176.00	109
Tennessee	43.00	47.00	109	9.56	9.68	411.00	455.00	111
Texas	189.00	184.00	97	9.24	8.76	1,747.00	1,612.00	92
Utah	158.00	157.00	99	9.44	9.15	1,491.00	1,437.00	96
Vermont	0.90	0.80	89	7.33	7.13	6.60	5.70	86
Virginia	7.00	7.50	107	10.00	10.27	70.00	77.00	110
Washington	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West Virginia	0.80	0.70	88	7.75	7.57	6.20	5.30	85
Wisconsin	72.00	69.00	96	9.35	9.58	673.00	661.00	98
Wyoming	68.00	73.00	107	10.04	9.36	683.00	683.00	100
Idaho and Washington	15.60	6.20	40	8.72	7.73	136.00	47.90	35
United States	11,694.62	11,963.04	102	10.38	10.50	121,410.60	125,555.90	103

(D) Withheld to avoid disclosing data for individual operations.

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	73	97	9.80	9.75	676	731	108
Illinois	245	250	265	106	10.20	10.35	2,499	2,588	104
Indiana	140	140	130	93	10.10	10.20	1,414	1,428	101
Iowa	510	500	520	104	10.70	10.70	5,457	5,350	98
Kansas	88	90	83	92	10.00	10.20	880	918	104
Michigan	52	51	53	104	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	185	106	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	92	101	10.45	10.10	920	919	100
Oklahoma	195	200	190	95	10.15	10.30	1,979	2,060	104
Pennsylvania	46	49	49	100	10.20	10.20	469	500	107
South Dakota	85	96	93	97	10.80	10.75	918	1,032	112
Texas	43	47	44	94	9.05	8.00	389	376	97
Utah	35	39	38	97	8.70	8.70	305	339	111
Other States ³	194	194	198	102	9.96	9.73	1,933	1,890	98
United States	2,895	2,927	2,968	101	10.23	10.30	29,627	30,139	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 2015-2017

[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	77	66	86	10.00	10.20	700	785	112
Illinois	230	255	265	104	10.50	10.40	2,415	2,652	110
Indiana	130	131	130	99	10.50	10.40	1,365	1,362	100
Iowa	495	500	520	104	10.60	10.90	5,247	5,450	104
Kansas	84	85	83	98	9.95	10.50	836	893	107
Michigan	50	48	52	108	10.70	10.50	535	504	94
Minnesota	275	285	295	104	11.05	11.05	3,039	3,149	104
Missouri	200	205	225	110	10.40	9.95	2,080	2,040	98
Nebraska	170	185	185	100	11.20	11.40	1,904	2,109	111
North Carolina	445	475	450	95	9.30	10.25	4,139	4,869	118
Ohio	89	88	91	103	10.60	10.50	943	924	98
Oklahoma	195	200	193	97	10.35	10.30	2,018	2,060	102
Pennsylvania	49	51	48	94	10.30	10.30	505	525	104
South Dakota	86	94	93	99	10.95	10.75	942	1,011	107
Texas	50	46	57	124	9.50	7.85	475	361	76
Utah	41	41	36	88	9.80	9.40	402	385	96
Other States ³	195	202	208	103	10.52	9.97	2,048	2,018	99
United States	2,854	2,968	2,997	101	10.37	10.48	29,593	31,097	105

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 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	209	104	10.12	10.03	2,022	2,093	104
United States	3,017	3,025	100	10.39	10.58	31,343	31,987	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 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	73	104	9.95	10.40	697	759	109
Illinois	235	260	111	10.35	10.60	2,432	2,756	113
Indiana	135	140	104	10.40	10.30	1,404	1,442	103
Iowa	530	560	106	11.00	10.90	5,830	6,104	105
Kansas	86	82	95	10.40	10.60	894	869	97
Michigan	51	49	96	10.70	10.60	546	519	95
Minnesota	285	300	105	11.10	11.20	3,164	3,360	106
Missouri	195	210	108	10.40	10.45	2,028	2,195	108
Nebraska	180	180	100	11.15	11.60	2,007	2,088	104
North Carolina	450	460	102	10.15	10.30	4,568	4,738	104
Ohio	91	95	104	10.50	10.50	956	998	104
Oklahoma	195	195	100	10.40	10.55	2,028	2,057	101
Pennsylvania	46	49	107	10.40	10.50	478	515	108
South Dakota	91	100	110	10.85	10.90	987	1,090	110
Texas	47	48	102	9.40	9.90	442	475	107
Utah	39	38	97	9.50	9.00	371	342	92
Other States ²	203	204	100	9.93	9.93	2,016	2,026	100
United States	2,929	3,043	104	10.53	10.63	30,848	32,333	105

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]

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	993	10.16	10.29	9,895	10,214
February	960	957	10.22	10.25	9,809	9,816
March	966	1,022	10.38	10.45	10,031	10,673
April	944	964	10.40	10.50	9,817	10,117
May	943	983	10.33	10.49	9,745	10,308
June	1,017	1,021	10.35	10.52	10,528	10,740
July	997	1,004	10.39	10.56	10,359	10,603
August	1,003	999	10.42	10.65	10,456	10,643
September	1,010	1,050	10.45	10.62	10,558	11,151
October	975	1,009	10.59	10.58	10,326	10,678
November	944	984	10.55	10.67	9,965	10,504
Total	11,695	11,963	10.38	10.50	121,411	125,556

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

Statistical Methodology

Survey Procedures: A random sample of roughly 10,500 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 December 2016, data were collected from about 7,350 operations, 70 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 December 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 71.5 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 December 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	797	95	1,726	12	8
Pig crop	2.4	4.2	594	4	1,260	13	7
Expected farrowings							
Next quarter	3.0	5.1	76	10	167	12	8
Following quarter	3.1	5.4	77	11	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	69,281	2016	1964
September 1	71,286	2016	1988
December 1	83,741	1943	1866
Market			
March 1	62,144	2016	1988
June 1	63,302	2016	1964
September 1	65,270	2016	1988
December 1	65,410	2016	1963
Pig crop			
December-February ¹	30,139	2016	1970
March-May	32,355	1970	1970
June-August	31,987	2016	1970
September-November	32,333	2016	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	10.63	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.

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
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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
Seth Riggins – Hogs and Pigs	(202) 720-3106

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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