



Quarterly Hogs and Pigs

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United States Hog Inventory Up 2 Percent

United States inventory of all hogs and pigs on December 1, 2018 was 74.6 million head. This was up 2 percent from December 1, 2017, but down 1 percent from September 1, 2018.

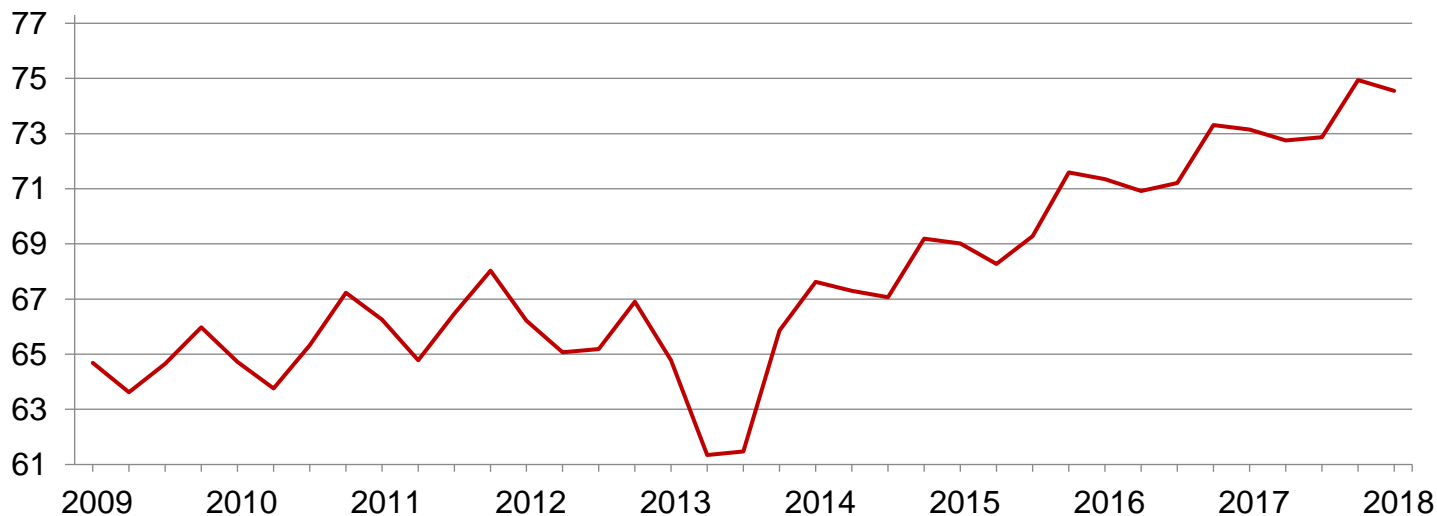
Breeding inventory, at 6.33 million head, was up 2 percent from last year, but down slightly from the previous quarter.

Market hog inventory, at 68.2 million head, was up 2 percent from last year, but down 1 percent from last quarter.

The September-November 2018 pig crop, at 34.0 million head, was up 2 percent from 2017. Sows farrowing during this period totaled 3.16 million head, up 2 percent from 2017. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was a record high of 10.76 for the September-November period, compared to 10.74 last year.

Quarterly Hogs and Pigs Inventory – United States: December 1

Million head



United States hog producers intend to have 3.11 million sows farrow during the December-February 2019 quarter, up 2 percent from the actual farrowings during the same period in 2018, and up 4 percent from 2017. Intended farrowings for March-May 2019, at 3.15 million sows, are up 2 percent from 2018, and up 4 percent from 2017.

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 the previous year.

Revisions

All inventory and pig crop estimates for March 2017 through September 2018 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the September 2018 all hogs and pigs inventory was 0.7 percent. The net revision made to the June 2018 all hogs and pigs inventory was 0.8 percent. A revision of 0.7 percent was made to the March-May 2018 pig crop. The net revision made to the March 2018 all hogs and pigs inventory was 0.2 percent. A net revision of 0.7 percent was made to the December 2017-February 2018 pig crop. The net revision made to December 2017 all hogs and pigs inventory was 0.3 percent. A net revision of less than 0.1 percent was made to the September-November 2017 pig crop.

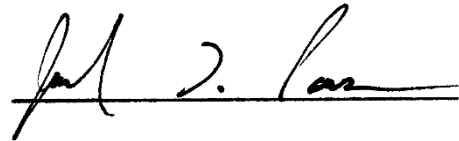
Records

Record highs for all hogs and pigs, market hogs, pig crop and pigs per litter, by quarter, can be found on page 15.

This report was approved on December 20, 2018.



Secretary of Agriculture
Designate
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Agricultural Statistics Board
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Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2017 and 2018

[May not add due to rounding]

Item	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory			
All hogs and pigs	70,916	72,748	103
Kept for breeding	6,098	6,210	102
Market	64,818	66,538	103
Market hogs and pigs by weight groups			
Under 50 pounds	20,422	20,942	103
50-119 pounds	17,942	18,212	102
120-179 pounds	14,485	14,996	104
180 pounds and over	11,969	12,387	103
June 1 inventory			
All hogs and pigs	71,210	72,866	102
Kept for breeding	6,109	6,320	103
Market	65,101	66,546	102
Market hogs and pigs by weight groups			
Under 50 pounds	20,647	21,327	103
50-119 pounds	18,841	19,083	101
120-179 pounds	13,696	13,988	102
180 pounds and over	11,917	12,147	102
September 1 inventory			
All hogs and pigs	73,309	74,941	102
Kept for breeding	6,117	6,330	103
Market	67,192	68,611	102
Market hogs and pigs by weight groups			
Under 50 pounds	21,533	22,092	103
50-119 pounds	19,757	20,262	103
120-179 pounds	13,874	14,066	101
180 pounds and over	12,028	12,190	101
December 1 inventory			
All hogs and pigs	73,145	74,550	102
Kept for breeding	6,179	6,326	102
Market	66,966	68,225	102
Market hogs and pigs by weight groups			
Under 50 pounds	21,407	21,599	101
50-119 pounds	18,544	18,932	102
120-179 pounds	13,925	14,412	103
180 pounds and over	13,089	13,282	101

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2017-2019

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

Item	2017	2018	2019	2018 as percent of 2017	2019 as percent of 2018
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February ^{1 2}	2,990	3,034	3,110	101	102
March-May ²	3,018	3,100	3,147	103	102
December-May ¹	6,007	6,134	6,257	102	102
June-August	3,106	3,185		103	
September-November	3,103	3,158		102	
June-November	6,209	6,343		102	
Pig crop					
December-February ¹	31,187	32,101		103	
March-May	31,839	32,942		103	
December-May ¹	63,025	65,042		103	
June-August	33,075	34,155		103	
September-November	33,328	33,978		102	
June-November	66,402	68,133		103	
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February ¹	10.43	10.58		101	
March-May	10.55	10.63		101	
December-May ¹	10.49	10.60		101	
June-August	10.65	10.72		101	
September-November	10.74	10.76		100	
June-November	10.69	10.74		100	

¹ December preceding year.

² Intentions for 2019.

Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2017 and 2018

[December preceding year]

Month	Sows farrowing ¹		Pigs per litter		Pig crop ¹	
	2017	2018	2017	2018	2017	2018
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December	1,007	1,026	10.44	10.62	10,514	10,894
January	993	1,016	10.39	10.49	10,323	10,661
February	989	992	10.46	10.63	10,350	10,546
March	1,037	1,062	10.54	10.59	10,932	11,245
April	977	1,013	10.56	10.52	10,315	10,658
May	1,004	1,025	10.55	10.77	10,592	11,038
June	1,060	1,078	10.56	10.66	11,187	11,487
July	1,020	1,048	10.65	10.70	10,859	11,215
August	1,027	1,060	10.74	10.81	11,028	11,453
September	1,065	1,087	10.65	10.65	11,343	11,576
October	1,026	1,041	10.77	10.84	11,050	11,289
November	1,013	1,029	10.80	10.80	10,935	11,113
Total	12,216	12,477	10.59	10.67	129,428	133,176

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

Breeding, Market, and Total Inventory – States and United States: December 1, 2017 and 2018

[May not add due to rounding]

State	Breeding			Market			Total		
	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Alabama	10.00	10.00	100	47.00	43.00	91	57.00	53.00	93
Alaska	0.30	0.30	100	1.20	1.60	133	1.50	1.90	127
Arizona	17.00	17.00	100	143.00	153.00	107	160.00	170.00	106
Arkansas	48.00	46.00	96	83.00	84.00	101	131.00	130.00	99
California	4.00	8.00	200	91.00	93.00	102	95.00	101.00	106
Colorado	150.00	155.00	103	600.00	595.00	99	750.00	750.00	100
Connecticut	0.60	0.50	83	2.60	3.20	123	3.20	3.70	116
Delaware	2.00	2.00	100	4.00	4.50	113	6.00	6.50	108
Florida	3.00	3.00	100	12.00	10.00	83	15.00	13.00	87
Georgia	22.00	17.00	77	58.00	50.00	86	80.00	67.00	84
Hawaii	2.00	3.00	150	6.00	6.00	100	8.00	9.00	113
Idaho	5.00	6.00	120	32.00	26.00	81	37.00	32.00	86
Illinois	530.00	560.00	106	4,870.00	4,740.00	97	5,400.00	5,300.00	98
Indiana	260.00	260.00	100	3,740.00	3,940.00	105	4,000.00	4,200.00	105
Iowa	1,000.00	1,020.00	102	21,800.00	22,280.00	102	22,800.00	23,300.00	102
Kansas	165.00	170.00	103	1,945.00	1,880.00	97	2,110.00	2,050.00	97
Kentucky	45.00	37.00	82	365.00	248.00	68	410.00	285.00	70
Louisiana	2.00	2.00	100	4.00	4.00	100	6.00	6.00	100
Maine	1.00	1.00	100	3.50	3.40	97	4.50	4.40	98
Maryland	4.00	3.50	88	17.00	15.50	91	21.00	19.00	90
Massachusetts	1.50	2.00	133	6.00	6.00	100	7.50	8.00	107
Michigan	120.00	120.00	100	1,070.00	1,060.00	99	1,190.00	1,180.00	99
Minnesota	570.00	570.00	100	7,930.00	8,330.00	105	8,500.00	8,900.00	105
Mississippi	51.00	51.00	100	519.00	524.00	101	570.00	575.00	101
Missouri	450.00	470.00	104	2,950.00	3,080.00	104	3,400.00	3,550.00	104
Montana	25.00	33.00	132	154.00	159.00	103	179.00	192.00	107
Nebraska	430.00	440.00	102	3,170.00	3,060.00	97	3,600.00	3,500.00	97
Nevada	0.10	0.30	300	2.90	5.70	197	3.00	6.00	200
New Hampshire	0.70	0.60	86	2.70	2.90	107	3.40	3.50	103
New Jersey	1.50	1.00	67	7.00	7.50	107	8.50	8.50	100
New Mexico	0.50	0.60	120	1.10	0.70	64	1.60	1.30	81
New York	6.00	6.00	100	42.00	40.00	95	48.00	46.00	96
North Carolina	900.00	900.00	100	8,100.00	8,200.00	101	9,000.00	9,100.00	101
North Dakota	35.00	35.00	100	112.00	110.00	98	147.00	145.00	99
Ohio	190.00	200.00	105	2,510.00	2,350.00	94	2,700.00	2,550.00	94
Oklahoma	460.00	445.00	97	1,740.00	1,755.00	101	2,200.00	2,200.00	100
Oregon	1.50	1.50	100	7.50	7.50	100	9.00	9.00	100
Pennsylvania	110.00	120.00	109	1,130.00	1,190.00	105	1,240.00	1,310.00	106
Rhode Island	0.30	0.30	100	1.70	1.40	82	2.00	1.70	85
South Carolina	10.00	12.00	120	175.00	188.00	107	185.00	200.00	108
South Dakota	215.00	255.00	119	1,345.00	1,485.00	110	1,560.00	1,740.00	112
Tennessee	23.00	23.00	100	212.00	197.00	93	235.00	220.00	94
Texas	140.00	150.00	107	910.00	960.00	105	1,050.00	1,110.00	106
Utah	80.00	80.00	100	470.00	630.00	134	550.00	710.00	129
Vermont	1.00	1.00	100	2.70	2.70	100	3.70	3.70	100
Virginia	5.00	6.00	120	235.00	339.00	144	240.00	345.00	144
Washington	3.00	3.00	100	14.00	14.00	100	17.00	17.00	100
West Virginia	1.00	1.00	100	4.00	3.00	75	5.00	4.00	80
Wisconsin	45.00	44.00	98	260.00	281.00	108	305.00	325.00	107
Wyoming	32.00	33.00	103	58.00	55.00	95	90.00	88.00	98
United States	6,179.00	6,325.60	102	66,965.90	68,224.60	102	73,144.90	74,550.20	102

Market Inventory by Weight Group – States and United States: December 1, 2017 and 2018

[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	
	2017	2018	2017	2018	2017	2018	2017	2018
	(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	15.00	18.00	11.00	7.00	10.00	8.00	11.00	10.00
Alaska	0.30	0.40	0.50	0.60	0.20	0.20	0.20	0.40
Arizona	50.00	55.00	31.00	30.00	31.00	33.00	31.00	35.00
Arkansas	69.00	63.00	6.00	13.00	5.00	5.00	3.00	3.00
California	24.00	25.00	22.00	22.00	23.00	22.00	22.00	24.00
Colorado	255.00	270.00	130.00	125.00	115.00	85.00	100.00	115.00
Connecticut	1.30	1.60	0.60	0.50	0.40	0.60	0.30	0.50
Delaware	2.80	3.00	0.40	0.50	0.30	0.50	0.50	0.50
Florida	4.00	3.00	4.00	3.00	2.00	2.00	2.00	2.00
Georgia	32.00	28.00	9.00	8.00	8.00	7.00	9.00	7.00
Hawaii	2.00	2.70	1.50	1.30	1.50	1.30	1.00	0.70
Idaho	17.00	14.00	4.50	4.00	3.50	3.00	7.00	5.00
Illinois	1,550.00	1,480.00	1,480.00	1,500.00	920.00	910.00	920.00	850.00
Indiana	980.00	1,010.00	1,040.00	1,200.00	775.00	820.00	945.00	910.00
Iowa	5,800.00	5,700.00	6,870.00	7,100.00	5,080.00	5,260.00	4,050.00	4,220.00
Kansas	475.00	455.00	520.00	515.00	425.00	380.00	525.00	530.00
Kentucky	107.00	73.00	95.00	72.00	55.00	42.00	108.00	61.00
Louisiana	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Maine	1.10	1.10	1.00	0.80	0.70	0.80	0.70	0.70
Maryland	4.00	4.00	5.00	4.00	5.00	3.50	3.00	4.00
Massachusetts	2.00	2.50	2.00	2.00	1.00	0.80	1.00	0.70
Michigan	330.00	320.00	240.00	280.00	245.00	210.00	255.00	250.00
Minnesota	2,720.00	2,790.00	2,350.00	2,400.00	1,600.00	1,830.00	1,260.00	1,310.00
Mississippi	203.00	208.00	126.00	126.00	90.00	95.00	100.00	95.00
Missouri	1,450.00	1,550.00	560.00	550.00	445.00	510.00	495.00	470.00
Montana	60.00	68.00	35.00	34.00	29.00	28.00	30.00	29.00
Nebraska	1,030.00	1,030.00	840.00	790.00	640.00	610.00	660.00	630.00
Nevada	0.90	1.20	0.80	1.10	0.60	1.10	0.60	2.30
New Hampshire	0.70	0.60	0.60	0.70	0.70	0.80	0.70	0.80
New Jersey	1.80	2.00	2.10	2.10	1.30	1.60	1.80	1.80
New Mexico	0.30	0.20	0.30	0.20	0.30	0.20	0.20	0.10
New York	8.00	7.50	12.00	8.50	11.00	12.50	11.00	11.50
North Carolina	3,190.00	3,190.00	1,790.00	1,780.00	1,570.00	1,600.00	1,550.00	1,630.00
North Dakota	59.00	57.00	22.00	22.00	16.00	14.00	15.00	17.00
Ohio	740.00	670.00	660.00	610.00	560.00	520.00	550.00	550.00
Oklahoma	735.00	760.00	430.00	385.00	230.00	280.00	345.00	330.00
Oregon	2.50	2.00	1.50	2.00	1.00	1.50	2.50	2.00
Pennsylvania	305.00	335.00	335.00	335.00	250.00	265.00	240.00	255.00
Rhode Island	0.40	0.40	0.80	0.50	0.20	0.20	0.30	0.30
South Carolina	31.00	26.00	47.00	54.00	47.00	54.00	50.00	54.00
South Dakota	460.00	565.00	365.00	365.00	270.00	285.00	250.00	270.00
Tennessee	65.00	67.00	44.00	41.00	51.00	43.00	52.00	46.00
Texas	240.00	270.00	240.00	260.00	180.00	170.00	250.00	260.00
Utah	185.00	240.00	85.00	125.00	100.00	135.00	100.00	130.00
Vermont	0.80	0.80	0.70	0.70	0.60	0.50	0.60	0.70
Virginia	52.00	86.00	62.00	84.00	59.00	84.00	62.00	85.00
Washington	5.00	5.00	3.50	3.00	2.50	3.00	3.00	3.00
West Virginia	1.00	1.00	0.50	0.50	0.50	0.50	2.00	1.00
Wisconsin	89.00	88.00	53.00	59.00	59.00	69.00	59.00	65.00
Wyoming	49.00	48.00	3.00	3.00	3.00	2.00	3.00	2.00
United States	21,406.90	21,599.00	18,544.30	18,932.00	13,925.30	14,411.60	13,089.40	13,282.00

Breeding, Market, and Total Inventory – States and United States: March 1, 2017 and 2018

[May not add due to rounding]

State	Breeding			Market			Total		
	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	155	155	100	545	625	115	700	780	111
Illinois	540	550	102	4,710	4,750	101	5,250	5,300	101
Indiana	280	260	93	3,770	3,790	101	4,050	4,050	100
Iowa	1,000	1,020	102	20,800	21,580	104	21,800	22,600	104
Kansas	165	160	97	1,815	1,900	105	1,980	2,060	104
Michigan	110	120	109	1,000	1,080	108	1,110	1,200	108
Minnesota	560	570	102	7,940	7,930	100	8,500	8,500	100
Missouri	445	455	102	2,655	2,995	113	3,100	3,450	111
Nebraska	415	420	101	2,935	3,030	103	3,350	3,450	103
North Carolina	880	900	102	8,320	8,000	96	9,200	8,900	97
Ohio	185	190	103	2,315	2,460	106	2,500	2,650	106
Oklahoma	445	445	100	1,645	1,725	105	2,090	2,170	104
Pennsylvania	100	110	110	1,040	1,100	106	1,140	1,210	106
South Dakota	200	235	118	1,250	1,425	114	1,450	1,660	114
Texas	120	145	121	800	975	122	920	1,120	122
Utah	80	75	94	620	430	69	700	505	72
Other States ¹	418	400	96	2,658	2,743	103	3,076	3,143	102
United States	6,098	6,210	102	64,818	66,538	103	70,916	72,748	103

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

Market Inventory by Weight Group – States and United States: March 1, 2017 and 2018

[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	
	2017	2018	2017	2018	2017	2018	2017	2018
	(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	250	285	110	120	95	105	90	115
Illinois	1,530	1,465	1,460	1,465	920	980	800	840
Indiana	1,030	965	1,050	1,140	810	860	880	825
Iowa	5,300	5,490	6,540	6,670	5,370	5,460	3,590	3,960
Kansas	455	405	475	540	345	410	540	545
Michigan	285	320	245	265	240	245	230	250
Minnesota	2,590	2,630	2,420	2,360	1,680	1,790	1,250	1,150
Missouri	1,350	1,455	515	560	400	530	390	450
Nebraska	920	1,040	745	775	650	670	620	545
North Carolina	3,140	3,240	1,860	1,720	1,800	1,710	1,520	1,330
Ohio	690	680	660	610	545	600	420	570
Oklahoma	740	735	300	335	270	260	335	395
Pennsylvania	265	290	305	305	280	270	190	235
South Dakota	455	510	325	370	240	280	230	265
Texas	180	270	220	270	175	185	225	250
Utah	265	155	115	90	130	95	110	90
Other States ¹	977	1,007	597	617	535	546	549	572
United States	20,422	20,942	17,942	18,212	14,485	14,996	11,969	12,387

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

Breeding, Market, and Total Inventory – States and United States: June 1, 2017 and 2018

[May not add due to rounding]

State	Breeding			Market			Total		
	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	155	155	100	565	605	107	720	760	106
Illinois	530	570	108	4,720	4,780	101	5,250	5,350	102
Indiana	260	250	96	3,740	3,700	99	4,000	3,950	99
Iowa	1,030	1,040	101	20,970	21,560	103	22,000	22,600	103
Kansas	160	165	103	1,800	1,875	104	1,960	2,040	104
Michigan	110	120	109	1,000	1,080	108	1,110	1,200	108
Minnesota	570	580	102	8,030	7,920	99	8,600	8,500	99
Missouri	440	460	105	2,810	3,040	108	3,250	3,500	108
Nebraska	420	430	102	2,980	3,070	103	3,400	3,500	103
North Carolina	880	910	103	8,120	7,990	98	9,000	8,900	99
Ohio	190	190	100	2,360	2,460	104	2,550	2,650	104
Oklahoma	450	460	102	1,560	1,690	108	2,010	2,150	107
Pennsylvania	105	120	114	1,085	1,170	108	1,190	1,290	108
South Dakota	200	240	120	1,290	1,440	112	1,490	1,680	113
Texas	125	145	116	785	995	127	910	1,140	125
Utah	75	80	107	605	450	74	680	530	78
Other States ¹	409	405	99	2,681	2,721	101	3,090	3,126	101
United States	6,109	6,320	103	65,101	66,546	102	71,210	72,866	102

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

Market Inventory by Weight Group – States and United States: June 1, 2017 and 2018

[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	
	2017	2018	2017	2018	2017	2018	2017	2018
	(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	255	290	120	120	100	95	90	100
Illinois	1,430	1,550	1,530	1,460	930	930	830	840
Indiana	920	940	1,170	1,150	790	780	860	830
Iowa	5,450	5,560	6,950	7,080	4,950	5,200	3,620	3,720
Kansas	480	420	490	515	355	375	475	565
Michigan	290	310	240	290	245	220	225	260
Minnesota	2,610	2,610	2,440	2,430	1,660	1,760	1,320	1,120
Missouri	1,360	1,505	580	590	435	475	435	470
Nebraska	1,005	1,050	785	840	615	600	575	580
North Carolina	3,290	3,370	1,880	1,840	1,490	1,450	1,460	1,330
Ohio	720	670	650	630	550	580	440	580
Oklahoma	685	785	340	400	230	215	305	290
Pennsylvania	285	310	345	355	280	250	175	255
South Dakota	455	510	345	380	240	270	250	280
Texas	165	300	235	275	175	165	210	255
Utah	245	175	120	90	130	90	110	95
Other States ¹	1,002	972	621	638	521	533	537	577
United States	20,647	21,327	18,841	19,083	13,696	13,988	11,917	12,147

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

Breeding, Market, and Total Inventory – States and United States: September 1, 2017 and 2018

[May not add due to rounding]

State	Breeding			Market			Total		
	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	160	155	97	600	625	104	760	780	103
Illinois	540	570	106	4,860	4,830	99	5,400	5,400	100
Indiana	260	250	96	3,840	3,950	103	4,100	4,200	102
Iowa	980	1,040	106	21,720	22,460	103	22,700	23,500	104
Kansas	165	170	103	1,845	1,860	101	2,010	2,030	101
Michigan	120	120	100	1,070	1,080	101	1,190	1,200	101
Minnesota	550	580	105	7,850	8,020	102	8,400	8,600	102
Missouri	440	465	106	3,060	3,285	107	3,500	3,750	107
Nebraska	410	430	105	3,090	3,020	98	3,500	3,450	99
North Carolina	900	910	101	8,400	8,390	100	9,300	9,300	100
Ohio	180	190	106	2,420	2,360	98	2,600	2,550	98
Oklahoma	455	460	101	1,735	1,800	104	2,190	2,260	103
Pennsylvania	110	120	109	1,100	1,190	108	1,210	1,310	108
South Dakota	215	245	114	1,325	1,475	111	1,540	1,720	112
Texas	135	145	107	895	985	110	1,030	1,130	110
Utah	80	80	100	600	525	88	680	605	89
Other States ¹	417	400	96	2,782	2,756	99	3,199	3,156	99
United States	6,117	6,330	103	67,192	68,611	102	73,309	74,941	102

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

Market Inventory by Weight Group – States and United States: September 1, 2017 and 2018

[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	
	2017	2018	2017	2018	2017	2018	2017	2018
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	275	305	125	150	105	95	95	75
Illinois	1,505	1,540	1,620	1,560	930	890	805	840
Indiana	1,050	990	1,180	1,240	780	870	830	850
Iowa	5,670	5,850	7,250	7,700	5,100	5,210	3,700	3,700
Kansas	475	445	510	530	360	385	500	500
Michigan	310	320	260	280	250	220	250	260
Minnesota	2,630	2,720	2,550	2,530	1,550	1,700	1,120	1,070
Missouri	1,485	1,605	640	640	460	530	475	510
Nebraska	1,015	1,010	835	865	600	570	640	575
North Carolina	3,400	3,450	1,950	2,000	1,550	1,520	1,500	1,420
Ohio	700	650	685	640	540	500	495	570
Oklahoma	770	835	440	375	265	230	260	360
Pennsylvania	305	325	340	340	275	270	180	255
South Dakota	450	520	365	405	260	275	250	275
Texas	235	310	255	275	160	150	245	250
Utah	235	220	125	105	130	105	110	95
Other States ¹	1,023	997	627	627	559	546	573	585
United States	21,533	22,092	19,757	20,262	13,874	14,066	12,028	12,190

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 2017 and 2018

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

State	Sows farrowing			Pigs per litter		Pig crop		
	2017	2018	2018 as percent of 2017	2017	2018	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Alabama	16.50	17.50	106	9.45	10.11	156.00	177.00	113
Alaska	0.30	0.28	93	8.33	7.86	2.50	2.20	88
Arizona	31.00	30.00	97	9.42	10.07	292.00	302.00	103
Arkansas	110.00	102.00	93	10.37	10.60	1,141.00	1,081.00	95
California	11.00	10.00	91	6.45	6.40	71.00	64.00	90
Colorado	304.00	302.00	99	10.35	9.60	3,147.00	2,898.00	92
Connecticut	0.40	0.40	100	8.75	8.25	3.50	3.30	94
Delaware	2.40	2.90	121	10.00	11.38	24.00	33.00	138
Florida	4.00	4.00	100	6.00	6.00	24.00	24.00	100
Georgia	44.00	39.50	90	9.98	9.85	439.00	389.00	89
Hawaii	0.40	1.20	300	5.00	3.17	2.00	3.80	190
Idaho	6.10	9.00	148	8.36	8.89	51.00	80.00	157
Illinois	1,050.00	1,065.00	101	10.55	10.65	11,078.00	11,344.00	102
Indiana	550.00	490.00	89	10.36	10.47	5,698.00	5,129.00	90
Iowa	2,090.00	2,240.00	107	11.02	11.13	23,025.00	24,922.00	108
Kansas	329.00	327.00	99	10.36	10.55	3,407.00	3,449.00	101
Kentucky	95.00	89.00	94	9.82	9.88	933.00	879.00	94
Louisiana	0.80	0.80	100	7.00	7.00	5.60	5.60	100
Maine	0.70	0.90	129	7.71	7.33	5.40	6.60	122
Maryland	4.30	4.00	93	9.77	10.00	42.00	40.00	95
Massachusetts	1.70	2.00	118	8.06	7.55	13.70	15.10	110
Michigan	208.00	217.00	104	10.66	10.73	2,217.00	2,328.00	105
Minnesota	1,190.00	1,210.00	102	11.40	11.24	13,568.00	13,597.00	100
Mississippi	117.00	116.00	99	10.40	10.45	1,217.00	1,212.00	100
Missouri	910.00	970.00	107	10.21	10.36	9,295.00	10,047.00	108
Montana	47.50	53.00	112	10.99	10.96	522.00	581.00	111
Nebraska	745.00	745.00	100	11.59	11.44	8,635.00	8,520.00	99
Nevada	0.40	0.40	100	5.25	5.75	2.10	2.30	110
New Hampshire	0.40	0.50	125	8.00	8.00	3.20	4.00	125
New Jersey	1.00	0.80	80	7.80	6.25	7.80	5.00	64
New Mexico	0.40	0.40	100	7.75	7.75	3.10	3.10	100
New York	5.70	6.00	105	9.30	9.33	53.00	56.00	106
North Carolina	1,880.00	1,850.00	98	10.04	10.12	18,871.00	18,718.00	99
North Dakota	73.50	73.50	100	11.13	11.14	818.00	819.00	100
Ohio	380.00	366.00	96	10.72	10.79	4,075.00	3,950.00	97
Oklahoma	795.00	820.00	103	10.55	10.64	8,387.00	8,724.00	104
Oregon	0.90	1.70	189	8.33	8.00	7.50	13.60	181
Pennsylvania	198.00	201.00	102	10.46	10.71	2,071.00	2,152.00	104
Rhode Island	0.50	0.40	80	6.80	5.75	3.40	2.30	68
South Carolina	21.00	18.50	88	7.38	8.27	155.00	153.00	99
South Dakota	414.00	467.00	113	11.36	11.48	4,705.00	5,360.00	114
Tennessee	51.00	48.00	94	10.08	9.98	514.00	479.00	93
Texas	212.00	260.00	123	8.58	10.06	1,818.00	2,615.00	144
Utah	149.00	146.00	98	8.92	9.14	1,329.00	1,334.00	100
Vermont	0.70	1.00	143	7.00	6.80	4.90	6.80	139
Virginia	7.30	7.60	104	9.59	9.61	70.00	73.00	104
Washington	2.80	3.50	125	7.61	8.00	21.30	28.00	131
West Virginia	0.70	0.80	114	8.14	7.63	5.70	6.10	107
Wisconsin	81.00	83.00	102	9.53	10.45	772.00	867.00	112
Wyoming	72.00	72.50	101	9.94	9.27	716.00	672.00	94
United States	12,216.40	12,477.08	102	10.59	10.67	129,427.70	133,175.80	103

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2017-2019

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

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2017	2018	2019 ²	2019 as percent of 2018	2017	2018	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	77	72	75	104	9.90	9.70	762	698	92
Illinois	265	260	280	108	10.20	10.60	2,703	2,756	102
Indiana	145	130	135	104	10.25	10.45	1,486	1,359	91
Iowa	510	550	520	95	10.75	11.00	5,483	6,050	110
Kansas	80	79	86	109	10.00	10.20	800	806	101
Michigan	50	53	55	104	10.40	10.70	520	567	109
Minnesota	275	295	285	97	11.35	11.20	3,121	3,304	106
Missouri	220	225	250	111	10.05	10.15	2,211	2,284	103
Nebraska	175	180	190	106	11.55	11.70	2,021	2,106	104
North Carolina	460	445	455	102	9.90	9.90	4,554	4,406	97
Ohio	92	91	95	104	10.80	10.80	994	983	99
Oklahoma	200	200	200	100	10.30	10.60	2,060	2,120	103
Pennsylvania	47	48	52	108	10.30	10.60	484	509	105
South Dakota	102	113	125	111	11.30	11.45	1,153	1,294	112
Texas	50	60	69	115	9.90	9.90	495	594	120
Utah	39	36	38	106	8.70	7.70	339	277	82
Other States ³	203	197	200	101	9.86	10.08	2,001	1,988	99
United States	2,990	3,034	3,110	102	10.43	10.58	31,187	32,101	103

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 2017-2019

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2017	2018	2019 ²	2019 as percent of 2018	2017	2018	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	77	75	75	100	10.40	9.60	801	720	90
Illinois	255	275	280	102	10.55	10.70	2,690	2,943	109
Indiana	135	115	130	113	10.50	10.30	1,418	1,185	84
Iowa	510	560	520	93	10.95	11.10	5,585	6,216	111
Kansas	81	76	86	113	10.00	10.10	810	768	95
Michigan	51	53	52	98	10.50	10.90	536	578	108
Minnesota	300	310	295	95	11.40	11.20	3,420	3,472	102
Missouri	220	240	255	106	10.25	10.20	2,255	2,448	109
Nebraska	185	190	195	103	11.45	11.30	2,118	2,147	101
North Carolina	470	455	465	102	10.00	10.10	4,700	4,596	98
Ohio	97	88	96	109	10.60	11.00	1,028	968	94
Oklahoma	195	205	210	102	10.60	10.70	2,067	2,194	106
Pennsylvania	51	50	52	104	10.50	10.50	536	525	98
South Dakota	102	110	126	115	11.40	11.70	1,163	1,287	111
Texas	50	64	70	109	7.30	9.80	365	627	172
Utah	39	34	39	115	9.00	7.60	351	258	74
Other States ³	200	200	201	101	10.00	10.06	1,996	2,010	101
United States	3,018	3,100	3,147	102	10.55	10.63	31,839	32,942	103

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 2017 and 2018

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2017	2018	2018 as percent of 2017	2017	2018	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	78	80	103	10.90	9.50	850	760	89
Illinois	265	260	98	10.75	10.65	2,849	2,769	97
Indiana	135	125	93	10.35	10.50	1,397	1,313	94
Iowa	520	570	110	11.20	11.20	5,824	6,384	110
Kansas	85	87	102	10.60	10.90	901	948	105
Michigan	54	57	106	10.80	10.80	583	616	106
Minnesota	300	305	102	11.40	11.15	3,420	3,401	99
Missouri	235	255	109	10.15	10.45	2,385	2,665	112
Nebraska	190	185	97	11.65	11.30	2,214	2,091	94
North Carolina	490	485	99	10.05	10.30	4,925	4,996	101
Ohio	97	89	92	10.70	10.90	1,038	970	93
Oklahoma	205	210	102	10.60	10.65	2,173	2,237	103
Pennsylvania	51	51	100	10.60	10.70	541	546	101
South Dakota	105	117	111	11.30	11.10	1,187	1,299	109
Texas	52	69	133	7.80	10.10	406	697	172
Utah	36	39	108	9.00	11.00	324	429	132
Other States ²	208	201	97	9.88	10.10	2,058	2,034	99
United States	3,106	3,185	103	10.65	10.72	33,075	34,155	103

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 2017 and 2018

[May not add due to rounding]

State	Sows Farrowing			Pigs per litter		Pig crop ¹		
	2017	2018	2018 as percent of 2017	2017	2018	2017	2018	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	72	75	104	10.20	9.60	734	720	98
Illinois	265	270	102	10.70	10.65	2,836	2,876	101
Indiana	135	120	89	10.35	10.60	1,397	1,272	91
Iowa	550	560	102	11.15	11.20	6,133	6,272	102
Kansas	83	85	102	10.80	10.90	896	927	103
Michigan	53	54	102	10.90	10.50	578	567	98
Minnesota	315	300	95	11.45	11.40	3,607	3,420	95
Missouri	235	250	106	10.40	10.60	2,444	2,650	108
Nebraska	195	190	97	11.70	11.45	2,282	2,176	95
North Carolina	460	465	101	10.20	10.15	4,692	4,720	101
Ohio	94	98	104	10.80	10.50	1,015	1,029	101
Oklahoma	195	205	105	10.70	10.60	2,087	2,173	104
Pennsylvania	49	52	106	10.40	11.00	510	572	112
South Dakota	105	127	121	11.45	11.65	1,202	1,480	123
Texas	60	67	112	9.20	10.40	552	697	126
Utah	35	37	106	9.00	10.00	315	370	117
Other States ²	202	203	100	10.15	10.15	2,048	2,057	100
United States	3,103	3,158	102	10.74	10.76	33,328	33,978	102

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.

Statistical Methodology

Survey Procedures: A random sample of roughly 8,500 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 2018, data were collected from about 6,100 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 December 1, 2018.

Estimating Procedures: Hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each regional 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 1.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 74.6 million head by more than 1.2 percent. Chances are 9 out of 10 that the difference will not exceed 2.1 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	1.2	2.1	651	59.6	1,576	9	11
Pig crop	2.0	3.5	467	13	1,158	12	8
Expected farrowings							
Next quarter	2.5	4.4	66	19	129	12	8
Following quarter	3.1	5.3	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	72,748	2018	1988
June 1	72,866	2018	1964
September 1	74,941	2018	1988
December 1	83,741	1943	1866
Market			
March 1	66,538	2018	1988
June 1	66,546	2018	1964
September 1	68,611	2018	1988
December 1	68,225	2018	1963
Pig crop			
December-February ¹	32,101	2018	1970
March-May	32,942	2018	1970
June-August	34,155	2018	1970
September-November	33,978	2018	1970
	(number)	(year)	(year)
Pigs per litter			
December-February ¹	10.58	2018	1970
March-May	10.63	2018	1970
June-August	10.72	2018	1970
September-November	10.76	2018	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.

Travis Averill, Chief, Livestock Branch	(202) 720-3570
Scott Hollis, Head, Livestock Section	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter	(202) 690-8632
Holly Brenize – Sheep and Goats	(202) 720-0585
Donnie Fike – Dairy Products	(202) 720-4448
Heidi Gleich – 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.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

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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