



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, 2017 was 73.2 million head. This was up 2 percent from December 1, 2016, but down slightly from September 1, 2017.

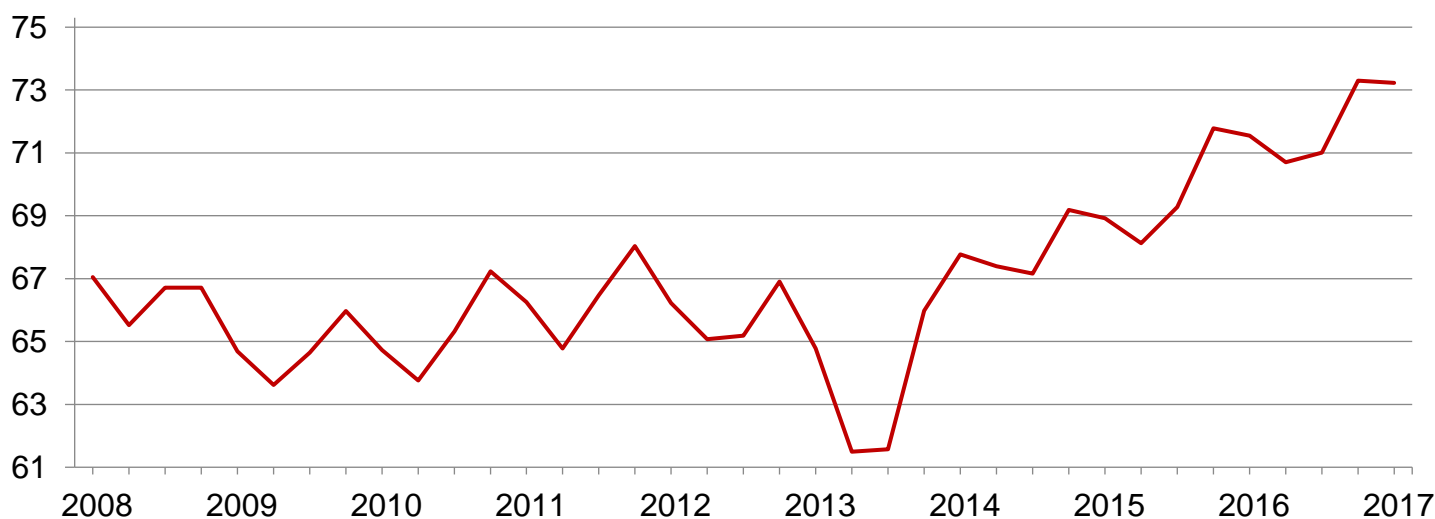
Breeding inventory, at 6.18 million head, was up 1 percent from last year, and up 1 percent from the previous quarter.

Market hog inventory, at 67.1 million head, was up 2 percent from last year, but down slightly from last quarter.

The September-November 2017 pig crop, at 33.4 million head, was up 3 percent from 2016. Sows farrowing during this period totaled 3.11 million head, up 2 percent from 2016. The sows farrowed during this quarter represented 51 percent of the breeding herd. The average pigs saved per litter was a record high of 10.74 for the September-November period, compared to 10.63 last year. Pigs saved per litter by size of operation ranged from 7.90 for operations with 1-99 hogs and pigs to 10.80 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 3.07 million sows farrow during the December-February 2018 quarter, up 3 percent from the actual farrowings during the same period in 2017, and up 5 percent from 2016. Intended farrowings for March-May 2018, at 3.08 million sows, are up 2 percent from 2017, and up 4 percent from 2016.

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 2016 through September 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 0.1 percent. The net revision made to the March 2017 all hogs and pigs inventory was 0.4 percent. The net revision made to the June 2017 all hogs and pigs inventory was 0.9 percent. A revision of 1.5 percent was made to the March-May 2017 pig crop. A revision of 0.3 percent was made to the September 2017 all hogs and pigs inventory.

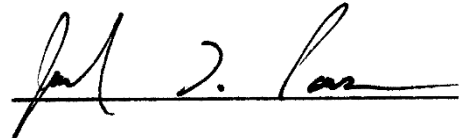
Records

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

This report was approved on December 22, 2017.



Secretary of Agriculture
Designate
Robert Johansson



Agricultural Statistics Board
Chairperson
Joseph L. Parsons

Contents

Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2016 and 2017	4
Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2016-2018.....	5
Pigs per Litter by Size of Operation – United States: 2016 and 2017	5
Breeding, Market, and Total Inventory – States and United States: December 1, 2016 and 2017.....	6
Market Inventory by Weight Group – States and United States: December 1, 2016 and 2017.....	7
Breeding, Market, and Total Inventory – States and United States: March 1, 2016 and 2017.....	8
Market Inventory by Weight Group – States and United States: March 1, 2016 and 2017.....	8
Breeding, Market, and Total Inventory – States and United States: June 1, 2016 and 2017.....	9
Market Inventory by Weight Group – States and United States: June 1, 2016 and 2017.....	9
Breeding, Market, and Total Inventory – States and United States: September 1, 2016 and 2017.....	10
Market Inventory by Weight Group – States and United States: September 1, 2016 and 2017.....	10
Annual Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-November 2016 and 2017	11
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2016-2018	12
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2016-2018	12
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2016 and 2017.....	13
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2016 and 2017.....	13
Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2016 and 2017.....	14
Statistical Methodology	15
Reliability of December 1 Hog Estimates.....	15
Records by Quarter – United States: 1866 to Present	16
Information Contacts	16

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

[May not add due to rounding]

Item	2016	2017	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory			
All hogs and pigs	68,124	70,701	104
Kept for breeding	5,980	6,098	102
Market	62,144	64,603	104
Market hogs and pigs by weight groups			
Under 50 pounds	19,897	20,407	103
50-119 pounds	17,198	17,862	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	71,010	102
Kept for breeding	5,979	6,109	102
Market	63,302	64,901	103
Market hogs and pigs by weight groups			
Under 50 pounds	20,356	20,647	101
50-119 pounds	18,198	18,741	103
120-179 pounds	13,291	13,646	103
180 pounds and over	11,456	11,867	104
September 1 inventory			
All hogs and pigs	71,786	73,299	102
Kept for breeding	6,016	6,117	102
Market	65,770	67,182	102
Market hogs and pigs by weight groups			
Under 50 pounds	21,215	21,568	102
50-119 pounds	19,271	19,626	102
120-179 pounds	13,600	13,919	102
180 pounds and over	11,683	12,069	103
December 1 inventory			
All hogs and pigs	71,545	73,230	102
Kept for breeding	6,110	6,179	101
Market	65,435	67,051	102
Market hogs and pigs by weight groups			
Under 50 pounds	20,887	21,447	103
50-119 pounds	18,102	18,549	102
120-179 pounds	13,786	14,105	102
180 pounds and over	12,660	12,949	102

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2016-2018

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

Item	2016	2017	2018	2017 as percent of 2016	2018 as percent of 2017
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February ^{1 2}	2,927	2,986	3,070	102	103
March-May ²	2,968	3,014	3,083	102	102
December-May ¹	5,896	5,999	6,153	102	103
June-August	3,057	3,103		102	
September-November	3,046	3,109		102	
June-November	6,103	6,212		102	
Pig crop					
December-February ¹	30,139	31,146		103	
March-May	31,097	31,790		102	
December-May ¹	61,236	62,935		103	
June-August	32,331	33,054		102	
September-November	32,372	33,399		103	
June-November	64,703	66,452		103	
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February ¹	10.30	10.43		101	
March-May	10.48	10.55		101	
December-May ¹	10.39	10.49		101	
June-August	10.58	10.65		101	
September-November	10.63	10.74		101	
June-November	10.60	10.70		101	

¹ December preceding year.

² Intentions for 2018.

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

[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)
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	7.80	8.50	9.10	9.50	10.40	10.70
September-November	7.90	8.60	9.20	9.60	10.50	10.80

¹ Pigs per litter rounded to the nearest tenth.

Breeding, Market, and Total Inventory – States and United States: December 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)
Alabama	10.00	10.00	100	30.00	47.00	157	40.00	57.00	143
Alaska	0.30	0.30	100	1.20	1.20	100	1.50	1.50	100
Arizona	17.00	17.00	100	98.00	143.00	146	115.00	160.00	139
Arkansas	49.00	48.00	98	93.00	83.00	89	142.00	131.00	92
California	6.00	4.00	67	83.00	91.00	110	89.00	95.00	107
Colorado	150.00	150.00	100	520.00	600.00	115	670.00	750.00	112
Connecticut	0.50	0.60	120	3.10	2.10	68	3.60	2.70	75
Delaware	2.50	2.00	80	4.50	4.00	89	7.00	6.00	86
Florida	4.00	3.00	75	14.00	12.00	86	18.00	15.00	83
Georgia	25.00	22.00	88	40.00	58.00	145	65.00	80.00	123
Hawaii	2.50	1.00	40	7.50	4.00	53	10.00	5.00	50
Idaho	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois	540.00	530.00	98	4,560.00	4,820.00	106	5,100.00	5,350.00	105
Indiana	270.00	260.00	96	3,830.00	3,740.00	98	4,100.00	4,000.00	98
Iowa	1,030.00	1,000.00	97	21,170.00	21,800.00	103	22,200.00	22,800.00	103
Kansas	165.00	165.00	100	1,745.00	1,935.00	111	1,910.00	2,100.00	110
Kentucky	46.00	45.00	98	384.00	360.00	94	430.00	405.00	94
Louisiana	2.00	2.00	100	5.00	4.00	80	7.00	6.00	86
Maine	1.00	1.00	100	3.60	3.50	97	4.60	4.50	98
Maryland	3.50	5.00	143	17.50	21.00	120	21.00	26.00	124
Massachusetts	2.00	1.50	75	6.00	6.00	100	8.00	7.50	94
Michigan	110.00	120.00	109	1,020.00	1,060.00	104	1,130.00	1,180.00	104
Minnesota	570.00	570.00	100	7,930.00	7,930.00	100	8,500.00	8,500.00	100
Mississippi	55.00	51.00	93	475.00	519.00	109	530.00	570.00	108
Missouri	435.00	450.00	103	2,665.00	2,950.00	111	3,100.00	3,400.00	110
Montana	24.00	25.00	104	151.00	154.00	102	175.00	179.00	102
Nebraska	415.00	430.00	104	2,985.00	3,170.00	106	3,400.00	3,600.00	106
Nevada	0.20	0.10	50	1.00	0.40	40	1.20	0.50	42
New Hampshire	0.60	0.70	117	2.60	2.70	104	3.20	3.40	106
New Jersey	1.50	1.50	100	9.50	11.00	116	11.00	12.50	114
New Mexico	0.40	0.50	125	1.30	1.10	85	1.70	1.60	94
New York	7.00	6.00	86	39.00	42.00	108	46.00	48.00	104
North Carolina	880.00	900.00	102	8,420.00	8,100.00	96	9,300.00	9,000.00	97
North Dakota	34.00	35.00	103	112.00	112.00	100	146.00	147.00	101
Ohio	200.00	190.00	95	2,500.00	2,710.00	108	2,700.00	2,900.00	107
Oklahoma	450.00	460.00	102	1,710.00	1,740.00	102	2,160.00	2,200.00	102
Oregon	3.00	1.50	50	10.00	7.50	75	13.00	9.00	69
Pennsylvania	100.00	110.00	110	1,110.00	1,130.00	102	1,210.00	1,240.00	102
Rhode Island	0.40	0.30	75	1.20	1.70	142	1.60	2.00	125
South Carolina	12.00	10.00	83	188.00	175.00	93	200.00	185.00	93
South Dakota	190.00	215.00	113	1,260.00	1,345.00	107	1,450.00	1,560.00	108
Tennessee	22.00	23.00	105	203.00	212.00	104	225.00	235.00	104
Texas	110.00	140.00	127	770.00	890.00	116	880.00	1,030.00	117
Utah	75.00	80.00	107	625.00	460.00	74	700.00	540.00	77
Vermont	1.00	1.00	100	3.00	2.70	90	4.00	3.70	93
Virginia	5.00	5.00	100	250.00	230.00	92	255.00	235.00	92
Washington	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West Virginia	1.00	1.00	100	3.00	4.00	133	4.00	5.00	125
Wisconsin	45.00	45.00	100	290.00	255.00	88	335.00	300.00	90
Wyoming	32.00	32.00	100	60.00	58.00	97	92.00	90.00	98
Idaho and Washington	5.00	8.00	160	25.00	43.00	172	30.00	51.00	170
United States	6,110.40	6,179.00	101	65,435.00	67,050.90	102	71,545.40	73,229.90	102

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

Market Inventory by Weight Group – States and United States: December 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)
Alabama	12.00	15.00	5.00	11.00	6.00	10.00	7.00	11.00
Alaska	0.40	0.30	0.50	0.50	0.20	0.20	0.10	0.20
Arizona	40.00	50.00	20.00	31.00	19.00	31.00	19.00	31.00
Arkansas	80.00	69.00	8.00	6.00	3.00	5.00	2.00	3.00
California	22.00	24.00	18.00	22.00	22.00	23.00	21.00	22.00
Colorado	220.00	255.00	120.00	130.00	95.00	120.00	85.00	95.00
Connecticut	1.20	1.00	1.30	0.40	0.30	0.40	0.30	0.30
Delaware	2.80	2.80	0.60	0.40	0.50	0.30	0.60	0.50
Florida	5.00	4.00	5.00	4.00	2.00	2.00	2.00	2.00
Georgia	28.00	32.00	4.00	9.00	3.00	8.00	5.00	9.00
Hawaii	3.00	1.50	2.00	1.00	1.50	1.00	1.00	0.50
Idaho	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois	1,450.00	1,530.00	1,360.00	1,450.00	890.00	940.00	860.00	900.00
Indiana	1,040.00	1,000.00	1,090.00	1,060.00	790.00	780.00	910.00	900.00
Iowa	5,620.00	5,830.00	6,550.00	6,820.00	5,010.00	5,080.00	3,990.00	4,070.00
Kansas	455.00	480.00	520.00	520.00	320.00	420.00	450.00	515.00
Kentucky	104.00	107.00	105.00	95.00	90.00	55.00	85.00	103.00
Louisiana	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Maine	1.20	1.10	1.00	1.00	0.70	0.70	0.70	0.70
Maryland	4.00	6.00	6.50	6.00	5.00	5.00	2.00	4.00
Massachusetts	2.00	2.00	1.80	2.00	1.00	1.00	1.20	1.00
Michigan	300.00	330.00	265.00	240.00	215.00	245.00	240.00	245.00
Minnesota	2,720.00	2,720.00	2,350.00	2,330.00	1,560.00	1,620.00	1,300.00	1,260.00
Mississippi	195.00	203.00	113.00	126.00	82.00	95.00	85.00	95.00
Missouri	1,340.00	1,450.00	520.00	560.00	375.00	445.00	430.00	495.00
Montana	59.00	60.00	34.00	35.00	29.00	29.00	29.00	30.00
Nebraska	955.00	1,030.00	790.00	840.00	650.00	640.00	590.00	660.00
Nevada	0.40	0.10	0.20	0.10	0.10	0.10	0.30	0.10
New Hampshire	0.40	0.70	0.70	0.60	0.80	0.70	0.70	0.70
New Jersey	2.40	1.90	1.60	3.00	1.90	1.80	3.60	4.30
New Mexico	0.40	0.30	0.30	0.30	0.40	0.30	0.20	0.20
New York	13.00	8.00	8.00	12.00	11.00	11.00	7.00	11.00
North Carolina	3,160.00	3,190.00	1,950.00	1,790.00	1,680.00	1,590.00	1,630.00	1,530.00
North Dakota	59.00	59.00	22.00	22.00	14.00	16.00	17.00	15.00
Ohio	750.00	760.00	660.00	760.00	600.00	660.00	490.00	530.00
Oklahoma	735.00	725.00	360.00	420.00	275.00	235.00	340.00	360.00
Oregon	3.00	2.50	2.50	1.50	3.00	1.00	1.50	2.50
Pennsylvania	320.00	305.00	335.00	335.00	245.00	260.00	210.00	230.00
Rhode Island	0.40	0.40	0.40	0.80	0.20	0.20	0.20	0.30
South Carolina	40.00	31.00	46.00	47.00	46.00	47.00	56.00	50.00
South Dakota	445.00	460.00	325.00	365.00	245.00	270.00	245.00	250.00
Tennessee	65.00	65.00	44.00	44.00	46.00	51.00	48.00	52.00
Texas	170.00	235.00	190.00	235.00	175.00	175.00	235.00	245.00
Utah	250.00	185.00	120.00	85.00	130.00	100.00	125.00	90.00
Vermont	0.80	0.80	0.80	0.70	0.70	0.60	0.70	0.60
Virginia	54.00	52.00	65.00	62.00	69.00	59.00	62.00	57.00
Washington	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West Virginia	0.50	1.00	1.00	0.50	0.50	0.50	1.00	2.00
Wisconsin	102.00	89.00	67.00	53.00	61.00	59.00	60.00	54.00
Wyoming	47.00	49.00	5.00	3.00	4.00	3.00	4.00	3.00
Idaho and Washington	7.50	21.50	6.00	7.50	6.00	6.50	5.50	7.50
United States	20,887.40	21,446.90	18,102.20	18,549.30	13,785.80	14,105.30	12,659.60	12,949.40

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

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	545	99	700	700	100
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	20,600	107	20,200	21,600	107
Kansas	175	165	94	1,755	1,805	103	1,930	1,970	102
Michigan	110	110	100	1,060	1,000	94	1,170	1,110	95
Minnesota	560	560	100	7,440	7,840	105	8,000	8,400	105
Missouri	385	445	116	2,615	2,655	102	3,000	3,100	103
Nebraska	420	415	99	2,980	2,885	97	3,400	3,300	97
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	1,655	100	2,140	2,100	98
Pennsylvania	110	100	91	1,030	1,040	101	1,140	1,140	100
South Dakota	190	200	105	1,220	1,250	102	1,410	1,450	103
Texas	110	120	109	750	790	105	860	910	106
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	6,098	102	62,144	64,603	104	68,124	70,701	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	250	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	5,300	6,100	6,440	4,850	5,270	3,550	3,590
Kansas	490	455	465	475	375	345	425	530
Michigan	290	285	260	245	260	240	250	230
Minnesota	2,600	2,590	2,280	2,380	1,530	1,650	1,030	1,220
Missouri	1,250	1,350	535	515	420	400	410	390
Nebraska	1,000	920	780	735	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	740	335	300	310	270	325	345
Pennsylvania	270	265	315	305	270	280	175	190
South Dakota	430	455	330	325	240	240	220	230
Texas	190	170	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	20,407	17,198	17,862	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	4,720	101	5,200	5,250	101
Indiana	260	260	100	3,590	3,690	103	3,850	3,950	103
Iowa	970	1,030	106	19,830	20,870	105	20,800	21,900	105
Kansas	175	160	91	1,765	1,790	101	1,940	1,950	101
Michigan	110	110	100	1,040	1,000	96	1,150	1,110	97
Minnesota	560	570	102	7,540	7,930	105	8,100	8,500	105
Missouri	395	440	111	2,605	2,810	108	3,000	3,250	108
Nebraska	425	420	99	3,075	2,980	97	3,500	3,400	97
North Carolina	890	880	99	8,210	8,020	98	9,100	8,900	98
Ohio	180	190	106	2,370	2,510	106	2,550	2,700	106
Oklahoma	470	450	96	1,700	1,570	92	2,170	2,020	93
Pennsylvania	100	105	105	1,050	1,085	103	1,150	1,190	103
South Dakota	190	200	105	1,210	1,290	107	1,400	1,490	106
Texas	100	125	125	790	785	99	890	910	102
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	6,109	102	63,302	64,901	103	69,281	71,010	102

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	1,430	1,460	1,530	910	930	880	830
Indiana	1,020	920	1,120	1,140	700	770	750	860
Iowa	5,280	5,450	6,400	6,870	4,760	4,950	3,390	3,600
Kansas	470	480	490	490	310	355	495	465
Michigan	305	290	255	240	240	245	240	225
Minnesota	2,550	2,610	2,340	2,390	1,470	1,640	1,180	1,290
Missouri	1,315	1,360	540	580	350	435	400	435
Nebraska	960	1,005	840	785	685	615	590	575
North Carolina	3,180	3,290	1,970	1,870	1,560	1,400	1,500	1,460
Ohio	720	720	680	720	570	630	400	440
Oklahoma	760	685	370	340	250	230	320	315
Pennsylvania	255	285	330	345	280	280	185	175
South Dakota	425	455	325	345	250	240	210	250
Texas	205	165	230	235	190	175	165	210
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	20,647	18,198	18,741	13,291	13,646	11,456	11,867

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

Breeding, Market, and Total Inventory – States and United States: September 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	160	110	575	600	104	720	760	106
Illinois	530	540	102	4,470	4,860	109	5,000	5,400	108
Indiana	280	260	93	3,720	3,840	103	4,000	4,100	103
Iowa	980	980	100	21,320	21,720	102	22,300	22,700	102
Kansas	180	165	92	1,830	1,835	100	2,010	2,000	100
Michigan	105	120	114	1,035	1,060	102	1,140	1,180	104
Minnesota	570	550	96	7,830	7,750	99	8,400	8,300	99
Missouri	395	440	111	2,805	3,060	109	3,200	3,500	109
Nebraska	420	410	98	3,180	3,040	96	3,600	3,450	96
North Carolina	890	900	101	8,410	8,300	99	9,300	9,200	99
Ohio	190	180	95	2,410	2,670	111	2,600	2,850	110
Oklahoma	455	455	100	1,785	1,775	99	2,240	2,230	100
Pennsylvania	95	110	116	1,055	1,100	104	1,150	1,210	105
South Dakota	195	215	110	1,215	1,325	109	1,410	1,540	109
Texas	100	135	135	830	885	107	930	1,020	110
Utah	75	80	107	625	590	94	700	670	96
Other States ¹	411	417	101	2,675	2,772	104	3,086	3,189	103
United States	6,016	6,117	102	65,770	67,182	102	71,786	73,299	102

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

Market Inventory by Weight Group – States and United States: September 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	270	275	125	125	85	105	95	95
Illinois	1,440	1,505	1,380	1,620	870	930	780	805
Indiana	1,050	1,050	1,130	1,180	720	780	820	830
Iowa	5,690	5,710	6,930	7,220	5,080	5,080	3,620	3,710
Kansas	500	475	515	505	365	355	450	500
Michigan	295	300	270	260	235	250	235	250
Minnesota	2,650	2,675	2,480	2,435	1,500	1,510	1,200	1,130
Missouri	1,375	1,485	600	640	400	460	430	475
Nebraska	990	1,015	950	835	640	600	600	590
North Carolina	3,260	3,350	2,080	1,900	1,600	1,550	1,470	1,500
Ohio	740	730	730	785	550	640	390	515
Oklahoma	775	760	440	440	250	275	320	300
Pennsylvania	270	305	345	325	250	280	190	190
South Dakota	435	450	325	365	230	260	225	250
Texas	240	230	240	250	160	160	190	245
Utah	250	230	130	120	130	130	115	110
Other States ¹	985	1,023	601	621	535	554	553	574
United States	21,215	21,568	19,271	19,626	13,600	13,919	11,683	12,069

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 2016 and 2017

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

State	Sows farrowing			Pigs per litter		Pig crop		
	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)
Alabama	19.00	16.50	87	9.47	9.45	180.00	156.00	87
Alaska	0.24	0.30	125	8.75	8.33	2.10	2.50	119
Arizona	35.00	31.00	89	9.43	9.42	330.00	292.00	88
Arkansas	122.00	110.00	90	10.58	10.37	1,291.00	1,141.00	88
California	7.00	11.00	157	7.00	6.45	49.00	71.00	145
Colorado	304.00	303.00	100	10.11	10.35	3,074.00	3,137.00	102
Connecticut	0.50	0.40	80	7.60	8.75	3.80	3.50	92
Delaware	1.20	2.40	200	8.83	10.00	10.60	24.00	226
Florida	4.00	4.00	100	6.75	6.00	27.00	24.00	89
Georgia	48.00	44.00	92	10.46	9.98	502.00	439.00	87
Hawaii	2.00	0.40	20	6.50	5.00	13.00	2.00	15
Idaho	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois	1,025.00	1,045.00	102	10.48	10.55	10,739.00	11,024.00	103
Indiana	556.00	550.00	99	10.38	10.36	5,769.00	5,698.00	99
Iowa	2,060.00	2,100.00	102	10.88	11.02	22,405.00	23,137.00	103
Kansas	346.00	327.00	95	10.45	10.36	3,615.00	3,387.00	94
Kentucky	93.00	94.00	101	9.76	9.82	908.00	923.00	102
Louisiana	0.90	0.80	89	6.22	7.00	5.60	5.60	100
Maine	0.90	0.70	78	7.11	7.71	6.40	5.40	84
Maryland	4.70	4.30	91	8.94	9.77	42.00	42.00	100
Massachusetts	2.50	1.70	68	7.04	8.06	17.60	13.70	78
Michigan	198.00	206.00	104	10.55	10.66	2,089.00	2,195.00	105
Minnesota	1,180.00	1,190.00	101	11.11	11.40	13,115.00	13,568.00	103
Mississippi	111.00	117.00	105	10.07	10.40	1,118.00	1,217.00	109
Missouri	825.00	910.00	110	10.05	10.21	8,289.00	9,295.00	112
Montana	47.00	47.50	101	10.96	10.99	515.00	522.00	101
Nebraska	725.00	745.00	103	11.41	11.59	8,275.00	8,635.00	104
Nevada	0.40	0.40	100	5.50	5.25	2.20	2.10	95
New Hampshire	0.40	0.40	100	8.00	8.00	3.20	3.20	100
New Jersey	1.00	1.00	100	6.10	7.80	6.10	7.80	128
New Mexico	0.40	0.40	100	7.75	7.75	3.10	3.10	100
New York	9.50	5.70	60	9.79	9.30	93.00	53.00	57
North Carolina	1,880.00	1,870.00	99	10.16	10.04	19,108.00	18,770.00	98
North Dakota	70.50	73.50	104	10.78	11.13	760.00	818.00	108
Ohio	367.00	385.00	105	10.43	10.72	3,826.00	4,129.00	108
Oklahoma	795.00	800.00	101	10.45	10.55	8,307.00	8,440.00	102
Oregon	2.30	0.90	39	8.30	8.33	19.10	7.50	39
Pennsylvania	198.00	196.00	99	10.36	10.45	2,052.00	2,049.00	100
Rhode Island	0.40	0.50	125	5.50	6.80	2.20	3.40	155
South Carolina	21.00	21.00	100	8.90	7.38	187.00	155.00	83
South Dakota	387.00	413.00	107	10.79	11.35	4,176.00	4,688.00	112
Tennessee	47.00	51.00	109	9.68	10.08	455.00	514.00	113
Texas	186.00	211.00	113	8.77	8.60	1,631.00	1,815.00	111
Utah	157.00	149.00	95	9.15	8.92	1,437.00	1,329.00	92
Vermont	0.80	0.70	88	7.13	7.00	5.70	4.90	86
Virginia	7.50	7.30	97	10.27	9.59	77.00	70.00	91
Washington	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West Virginia	0.70	0.70	100	7.57	8.14	5.30	5.70	108
Wisconsin	69.00	81.00	117	9.58	9.53	661.00	772.00	117
Wyoming	73.00	72.00	99	9.36	9.94	683.00	716.00	105
Idaho and Washington	6.20	8.90	144	7.73	8.12	47.90	72.30	151
United States	11,998.04	12,211.40	102	10.50	10.60	125,938.90	129,387.70	103

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

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2016-2018

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

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2016	2017	2018 ²	2018 as percent of 2017	2016	2017	2016	2017	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	75	76	72	95	9.75	9.90	731	752	103
Illinois	250	265	265	100	10.35	10.20	2,588	2,703	104
Indiana	140	145	140	97	10.20	10.25	1,428	1,486	104
Iowa	500	510	530	104	10.70	10.75	5,350	5,483	102
Kansas	90	79	82	104	10.20	10.00	918	790	86
Michigan	51	50	57	114	10.60	10.40	541	520	96
Minnesota	275	275	295	107	11.10	11.35	3,053	3,121	102
Missouri	195	220	240	109	9.65	10.05	1,882	2,211	117
Nebraska	175	175	190	109	11.30	11.55	1,978	2,021	102
North Carolina	460	460	465	101	9.90	9.90	4,554	4,554	100
Ohio	91	91	93	102	10.10	10.80	919	983	107
Oklahoma	200	200	197	99	10.30	10.30	2,060	2,060	100
Pennsylvania	49	46	50	109	10.20	10.30	500	474	95
South Dakota	96	102	106	104	10.75	11.30	1,032	1,153	112
Texas	47	50	59	118	8.00	9.90	376	495	132
Utah	39	39	36	92	8.70	8.70	339	339	100
Other States ³	194	203	193	95	9.73	9.86	1,890	2,001	106
United States	2,927	2,986	3,070	103	10.30	10.43	30,139	31,146	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 2016-2018

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2016	2017	2018 ²	2018 as percent of 2017	2016	2017	2016	2017	2017 as percent of 2016
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	77	77	73	95	10.20	10.40	785	801	102
Illinois	255	255	260	102	10.40	10.55	2,652	2,690	101
Indiana	131	135	135	100	10.40	10.50	1,362	1,418	104
Iowa	500	510	535	105	10.90	10.95	5,450	5,585	102
Kansas	85	80	85	106	10.50	10.00	893	800	90
Michigan	48	50	58	116	10.50	10.50	504	525	104
Minnesota	285	300	300	100	11.05	11.40	3,149	3,420	109
Missouri	205	220	240	109	9.95	10.25	2,040	2,255	111
Nebraska	185	185	190	103	11.40	11.45	2,109	2,118	100
North Carolina	475	470	460	98	10.25	10.00	4,869	4,700	97
Ohio	88	97	94	97	10.50	10.60	924	1,028	111
Oklahoma	200	195	200	103	10.30	10.60	2,060	2,067	100
Pennsylvania	51	50	51	102	10.30	10.50	525	525	100
South Dakota	94	101	107	106	10.75	11.35	1,011	1,146	113
Texas	46	50	61	122	7.85	7.30	361	365	101
Utah	41	39	33	85	9.40	9.00	385	351	91
Other States ³	202	200	201	101	9.97	10.00	2,018	1,996	99
United States	2,968	3,014	3,083	102	10.48	10.55	31,097	31,790	102

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 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	78	78	100	10.10	10.90	788	850	108
Illinois	260	265	102	10.55	10.75	2,743	2,849	104
Indiana	145	135	93	10.60	10.35	1,537	1,397	91
Iowa	510	530	104	11.00	11.20	5,610	5,936	106
Kansas	89	85	96	10.50	10.60	935	901	96
Michigan	50	53	106	10.50	10.80	525	572	109
Minnesota	310	300	97	11.10	11.40	3,441	3,420	99
Missouri	215	235	109	10.10	10.15	2,172	2,385	110
Nebraska	185	190	103	11.35	11.65	2,100	2,214	105
North Carolina	485	480	99	10.20	10.05	4,947	4,824	98
Ohio	92	97	105	10.60	10.70	975	1,038	106
Oklahoma	200	205	103	10.65	10.60	2,130	2,173	102
Pennsylvania	48	50	104	10.45	10.60	502	530	106
South Dakota	97	105	108	10.75	11.30	1,043	1,187	114
Texas	45	52	116	9.30	7.80	419	406	97
Utah	39	36	92	9.50	9.00	371	324	87
Other States ²	209	207	99	10.03	9.88	2,093	2,048	98
United States	3,057	3,103	102	10.58	10.65	32,331	33,054	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 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	74	72	97	10.40	10.20	770	734	95
Illinois	260	260	100	10.60	10.70	2,756	2,782	101
Indiana	140	135	96	10.30	10.35	1,442	1,397	97
Iowa	550	550	100	10.90	11.15	5,995	6,133	102
Kansas	82	83	101	10.60	10.80	869	896	103
Michigan	49	53	108	10.60	10.90	519	578	111
Minnesota	310	315	102	11.20	11.45	3,472	3,607	104
Missouri	210	235	112	10.45	10.40	2,195	2,444	111
Nebraska	180	195	108	11.60	11.70	2,088	2,282	109
North Carolina	460	460	100	10.30	10.20	4,738	4,692	99
Ohio	96	100	104	10.50	10.80	1,008	1,080	107
Oklahoma	195	200	103	10.55	10.70	2,057	2,140	104
Pennsylvania	50	50	100	10.50	10.40	525	520	99
South Dakota	100	105	105	10.90	11.45	1,090	1,202	110
Texas	48	59	123	9.90	9.30	475	549	116
Utah	38	35	92	9.00	9.00	342	315	92
Other States ²	204	202	99	9.96	10.15	2,031	2,048	101
United States	3,046	3,109	102	10.63	10.74	32,372	33,399	103

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 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	1,006	10.35	10.44	10,109	10,500
January	993	992	10.29	10.39	10,214	10,309
February	957	988	10.25	10.46	9,816	10,337
March	1,022	1,036	10.45	10.54	10,673	10,916
April	964	975	10.50	10.56	10,117	10,298
May	983	1,003	10.49	10.55	10,308	10,576
June	1,033	1,059	10.52	10.56	10,865	11,181
July	1,014	1,019	10.56	10.65	10,712	10,852
August	1,009	1,026	10.65	10.75	10,753	11,022
September	1,041	1,067	10.65	10.66	11,084	11,366
October	1,010	1,028	10.63	10.78	10,741	11,073
November	995	1,015	10.60	10.80	10,547	10,959
Total	11,998	12,211	10.50	10.60	125,939	129,388

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

Statistical Methodology

Survey Procedures: A random sample of roughly 9,200 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 2017, data were collected from about 6,700 operations, 73 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, 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 73.2 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	801	45.4	1,726	10	10
Pig crop	2.4	4.1	577	6	1,260	12	8
Expected farrowings							
Next quarter	3.0	5.1	74	10	167	11	9
Following quarter	3.1	5.4	78	11	197	10	10

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	70,701	2017	1988
June 1	71,010	2017	1964
September 1	73,299	2017	1988
December 1	83,741	1943	1866
Market			
March 1	64,603	2017	1988
June 1	64,901	2017	1964
September 1	67,182	2017	1988
December 1	67,051	2017	1963
Pig crop			
December-February ¹	31,146	2017	1970
March-May	32,355	1970	1970
June-August	33,054	2017	1970
September-November	33,399	2017	1970
Pigs per litter			
	(number)	(year)	(year)
December-February ¹	10.43	2017	1970
March-May	10.55	2017	1970
June-August	10.65	2017	1970
September-November	10.74	2017	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) 720-3240
Donnie Fike – Dairy Products	(202) 690-3236
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
Vacant – Sheep and Goats	(202) 720-8784

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- 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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