



# Quarterly Hogs and Pigs

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## Special Note

Each December, NASS procedures allow for revisions to the previous 8 quarters of estimates for hogs and pigs. Since March 20, 2020, NASS has suspended in person data collection due to the pandemic for health and safety reasons. In addition, the pandemic has impacted production practices and slaughter plant operations during this unprecedented time in various magnitudes. The December 2019 quarterly revisions are available only in Quick Stats, whereas all other quarterly revisions are provided in this report and Quick Stats. Please contact the Livestock Branch at (202) 692-0069 or email at [hq\\_sd\\_lb@usda.gov](mailto:hq_sd_lb@usda.gov) with any questions or concerns.

## United States Hog Inventory Down 4 Percent

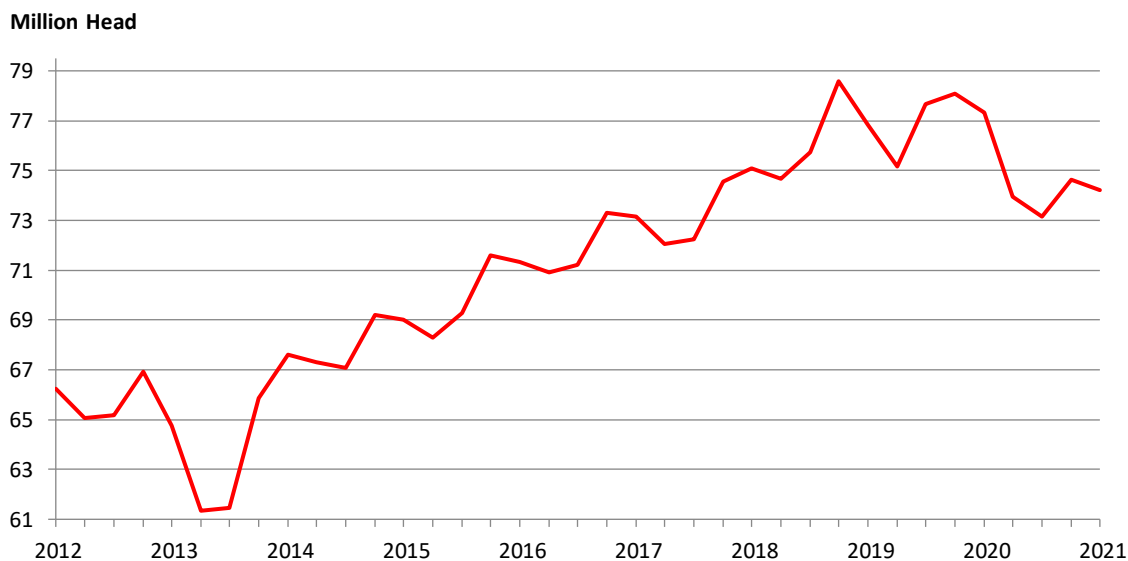
**United States inventory** of all hogs and pigs on December 1, 2021 was 74.2 million head. This was down 4 percent from December 1, 2020, and down 1 percent from September 1, 2021.

**Breeding inventory**, at 6.18 million head, was up slightly from last year, but down slightly from the previous quarter.

**Market hog inventory**, at 68.0 million head, was down 4 percent from last year, and down 1 percent from last quarter.

**The September-November 2021 pig crop**, at 33.7 million head, was down 4 percent from 2020. Sows farrowing during this period totaled 3.01 million head, down 5 percent from 2020. The sows farrowed during this quarter represented 49 percent of the breeding herd. The average pigs saved per litter was 11.19 for the September-November period, compared to 11.05 last year.

Quarterly Hogs and Pigs Inventory - United States: December 1



**United States hog producers** intend to have 2.94 million sows farrow during the December 2021-February 2022 quarter, up slightly from the actual farrowings during the same period one year earlier, but down 8 percent from the same period two years earlier. Intended farrowings for March-May 2022, at 3.01 million sows, are down 1 percent from the same period one year earlier, and down 4 percent from the same period two years earlier.

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, down 1 percent from the previous year.

## Revisions

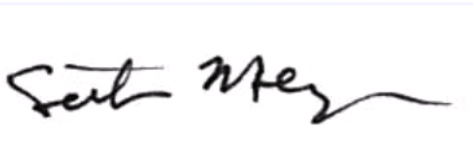
All inventory and pig crop estimates for December 2019 through September 2021 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the September 2021 all hogs and pigs inventory was 1.0 percent. The net revision made to the June 2021 all hogs and pigs inventory was 3.3 percent. A net revision of 1.0 percent was made to the March-May 2021 pig crop. The net revision made to the March 2021 all hogs and pigs inventory was 1.1 percent. A net revision of 3.6 percent was made to the December 2020-February 2021 pig crop. The net revision made to the December 2020 all hogs and pigs inventory was 0.2 percent. A net revision slightly upward was made to the September-November 2020 pig crop. The net revision made to the September 2020 all hogs and pigs inventory was 1.3 percent. The net revision made to the June 2020 all hogs and pigs inventory was 2.5 percent. A net revision of 0.9 percent was made to the March-May 2020 pig crop. The net revision made to the March 2020 all hogs and pigs inventory was 3.2 percent. A net revision of 0.8 percent was made to the December 2019-February 2020 pig crop. The net revision made to the December 2019 all hogs and pigs inventory was 0.7 percent. A net revision of 4.3 percent was made to the September-November 2019 pig crop.

## Records

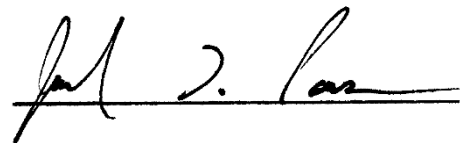
Record highs for all hogs and pigs, market hogs, pig crop and pigs per litter, by quarter, can be found on page 15.

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This report was approved on December 23, 2021.



Secretary of Agriculture  
Designate  
Seth Meyer



Agricultural Statistics Board  
Chairperson  
Joseph L. Parsons

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## Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2020 and 2021

[May not add due to rounding]

Item	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory .....			
All hogs and pigs .....	75,164	73,933	98
Kept for breeding .....	6,425	6,215	97
Market .....	68,739	67,718	99
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	22,741	20,238	89
50-119 pounds .....	19,133	19,138	100
120-179 pounds .....	13,071	15,375	118
180 pounds and over .....	13,793	12,966	94
June 1 inventory .....			
All hogs and pigs .....	77,664	73,153	94
Kept for breeding .....	6,426	6,220	97
Market .....	71,238	66,933	94
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	22,100	21,354	97
50-119 pounds .....	19,890	18,919	95
120-179 pounds .....	15,730	13,830	88
180 pounds and over .....	13,517	12,829	95
September 1 inventory .....			
All hogs and pigs .....	78,104	74,617	96
Kept for breeding .....	6,333	6,190	98
Market .....	71,771	68,427	95
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	23,234	21,855	94
50-119 pounds .....	20,790	19,751	95
120-179 pounds .....	14,807	14,291	97
180 pounds and over .....	12,939	12,529	97
December 1 inventory .....			
All hogs and pigs .....	77,312	74,201	96
Kept for breeding .....	6,176	6,180	100
Market .....	71,136	68,021	96
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	21,989	21,174	96
50-119 pounds .....	19,680	19,185	97
120-179 pounds .....	15,791	14,809	94
180 pounds and over .....	13,675	12,853	94

## Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2020-2022

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

Item	2020	2021	2022	2021 as percent of 2020	2022 percent of 2021
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing .....					
December-February <sup>2</sup> .....	3,182	2,929	2,943	92	100
March-May <sup>2</sup> .....	3,147	3,034	3,010	96	99
December-May <sup>1</sup> .....	6,329	5,964	5,953	94	100
June-August .....	3,260	3,046		93	
September-November .....	3,165	3,012		95	
June-November <sup>1</sup> .....	6,425	6,057		94	
Pig crop .....					
December-February .....	35,016	32,059		92	
March-May .....	34,621	33,233		96	
December-May <sup>1</sup> .....	69,637	65,292		94	
June-August .....	36,056	33,900		94	
September-November .....	34,987	33,712		96	
June-November <sup>1</sup> .....	71,044	67,612		95	
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter .....					
December-February .....	11.00	10.94		99	
March-May .....	11.00	10.95		100	
December-May .....	11.00	10.95		100	
June-August .....	11.06	11.13		101	
September-November .....	11.05	11.19		101	
June-November .....	11.06	11.16		101	

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Intentions for 2022.

## Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2020 and 2021

[December preceding year]

Month	Sows farrowing <sup>1</sup>		Pigs per litter		Pig crop <sup>1</sup>	
	2020	2021	2020	2021	2020	2021
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December .....	1,088	998	10.99	10.84	11,950	10,820
January .....	1,064	983	10.96	10.89	11,658	10,702
February .....	1,030	948	11.07	11.11	11,408	10,538
March .....	1,085	1,045	10.72	10.71	11,628	11,186
April .....	1,038	1,000	11.13	11.01	11,548	11,004
May .....	1,024	990	11.17	11.16	11,445	11,043
June .....	1,100	1,030	10.94	11.02	12,038	11,352
July .....	1,086	1,014	11.05	11.15	11,999	11,310
August .....	1,074	1,001	11.19	11.23	12,020	11,239
September .....	1,086	1,033	10.89	11.12	11,825	11,487
October .....	1,045	1,002	11.07	11.20	11,566	11,217
November .....	1,035	977	11.21	11.27	11,597	11,008
Total .....	12,754	12,021	11.03	11.06	140,681	132,904

<sup>1</sup> Monthly values may not add to quarterly or annual totals due to rounding.

## Breeding, Market, and Total Inventory – States and United States: December 1, 2020 and 2021

[May not add due to rounding]

	Breeding			Market			Total		
	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Alabama .....	4.0	(D)	(D)	8.0	(D)	(D)	12.0	(D)	(D)
Alaska .....	0.4	0.4	100	1.5	1.5	100	1.9	1.9	100
Arizona .....	15.0	14.0	93	126.0	136.0	108	141.0	150.0	106
Arkansas .....	43.0	45.0	105	83.0	71.0	86	126.0	116.0	92
California .....	9.0	7.0	78	90.0	75.0	83	99.0	82.0	83
Colorado .....	155.0	145.0	94	465.0	475.0	102	620.0	620.0	100
Connecticut .....	0.5	0.4	80	3.5	3.1	89	4.0	3.5	88
Delaware .....	2.5	2.5	100	2.5	1.4	56	5.0	3.9	78
Florida .....	4.0	(D)	(D)	9.0	(D)	(D)	13.0	(D)	(D)
Georgia .....	10.0	12.0	120	28.0	33.0	118	38.0	45.0	118
Hawaii .....	3.0	2.0	67	7.0	7.0	100	10.0	9.0	90
Idaho .....	7.0	7.0	100	25.0	20.0	80	32.0	27.0	84
Illinois .....	550.0	590.0	107	4,900.0	4,760.0	97	5,450.0	5,350.0	98
Indiana .....	250.0	260.0	104	4,200.0	4,090.0	97	4,450.0	4,350.0	98
Iowa .....	950.0	920.0	97	23,650.0	22,880.0	97	24,600.0	23,800.0	97
Kansas .....	170.0	165.0	97	1,890.0	1,825.0	97	2,060.0	1,990.0	97
Kentucky .....	45.0	50.0	111	415.0	385.0	93	460.0	435.0	95
Louisiana .....	2.0	2.0	100	4.0	4.0	100	6.0	6.0	100
Maine .....	1.2	1.1	92	3.8	3.6	95	5.0	4.7	94
Maryland .....	3.0	3.5	117	17.5	18.5	106	20.5	22.0	107
Massachusetts .....	2.0	2.0	100	7.0	6.5	93	9.0	8.5	94
Michigan .....	120.0	110.0	92	1,190.0	1,050.0	88	1,310.0	1,160.0	89
Minnesota .....	540.0	550.0	102	8,860.0	8,350.0	94	9,400.0	8,900.0	95
Mississippi .....	49.0	50.0	102	61.0	120.0	197	110.0	170.0	155
Missouri .....	440.0	430.0	98	3,310.0	3,020.0	91	3,750.0	3,450.0	92
Montana .....	41.0	47.0	115	164.0	178.0	109	205.0	225.0	110
Nebraska .....	410.0	440.0	107	3,390.0	3,160.0	93	3,800.0	3,600.0	95
Nevada .....	0.1	0.1	100	2.4	2.4	100	2.5	2.5	100
New Hampshire .....	0.6	1.0	167	3.2	2.7	84	3.8	3.7	97
New Jersey .....	1.0	1.0	100	6.5	5.5	85	7.5	6.5	87
New Mexico .....	0.4	0.9	225	0.9	1.0	111	1.3	1.9	146
New York .....	8.0	6.0	75	61.0	55.0	90	69.0	61.0	88
North Carolina .....	840.0	810.0	96	7,960.0	7,190.0	90	8,800.0	8,000.0	91
North Dakota .....	36.0	35.0	97	107.0	113.0	106	143.0	148.0	103
Ohio .....	210.0	200.0	95	2,490.0	2,550.0	102	2,700.0	2,750.0	102
Oklahoma .....	460.0	460.0	100	1,620.0	1,630.0	101	2,080.0	2,090.0	100
Oregon .....	2.0	1.5	75	7.0	7.0	100	9.0	8.5	94
Pennsylvania .....	140.0	145.0	104	1,260.0	1,165.0	92	1,400.0	1,310.0	94
Rhode Island .....	0.2	0.4	200	1.3	1.6	123	1.5	2.0	133
South Carolina .....	8.0	7.0	88	180.0	135.0	75	188.0	142.0	76
South Dakota .....	280.0	275.0	98	1,750.0	1,735.0	99	2,030.0	2,010.0	99
Tennessee .....	25.0	30.0	120	235.0	275.0	117	260.0	305.0	117
Texas .....	140.0	150.0	107	940.0	940.0	100	1,080.0	1,090.0	101
Utah .....	90.0	85.0	94	910.0	855.0	94	1,000.0	940.0	94
Vermont .....	1.0	1.0	100	3.0	4.0	133	4.0	5.0	125
Virginia .....	4.0	5.0	125	306.0	260.0	85	310.0	265.0	85
Washington .....	3.0	3.0	100	14.0	21.0	150	17.0	24.0	141
West Virginia .....	1.0	1.0	100	2.0	2.5	125	3.0	3.5	117
Wisconsin .....	58.0	52.0	90	312.0	318.0	102	370.0	370.0	100
Wyoming .....	41.0	46.0	112	54.0	59.0	109	95.0	105.0	111
Alabama and Florida .....	(NA)	8.0	(NA)	(NA)	20.0	(NA)	(NA)	28.0	(NA)
United States .....	6,175.9	6,179.8	100	71,136.1	68,021.3	96	77,312.0	74,201.1	96

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

(NA) Not available.

## Market Inventory by Weight Group – States and United States: December 1, 2020 and 2021

[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	
	2020	2021	2020	2021	2020	2021	2020	2021
	(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 .....	1.0	(D)	1.0	(D)	1.0	(D)	5.0	(D)
Alaska .....	0.5	0.6	0.4	0.4	0.3	0.3	0.3	0.2
Arizona .....	37.0	39.0	29.0	32.0	29.0	32.0	31.0	33.0
Arkansas .....	66.0	53.0	9.0	9.0	2.0	3.0	6.0	6.0
California .....	24.0	21.0	23.0	18.0	20.0	16.0	23.0	20.0
Colorado .....	255.0	230.0	90.0	95.0	50.0	60.0	70.0	90.0
Connecticut .....	1.5	1.3	0.5	0.4	0.3	0.4	1.2	1.0
Delaware .....	1.0	0.8	0.5	0.2	0.5	0.2	0.5	0.2
Florida .....	5.0	(D)	2.0	(D)	1.0	(D)	1.0	(D)
Georgia .....	12.0	12.0	5.0	8.0	4.0	4.0	7.0	9.0
Hawaii .....	2.5	3.0	1.5	1.5	1.5	1.5	1.5	1.0
Idaho .....	14.0	12.0	4.0	3.0	4.0	3.0	3.0	2.0
Illinois .....	1,460.0	1,350.0	1,500.0	1,605.0	1,090.0	1,075.0	850.0	730.0
Indiana .....	1,050.0	1,030.0	1,230.0	1,170.0	935.0	940.0	985.0	950.0
Iowa .....	5,780.0	5,830.0	7,470.0	7,350.0	5,890.0	5,500.0	4,510.0	4,200.0
Kansas .....	445.0	430.0	465.0	450.0	370.0	365.0	610.0	580.0
Kentucky .....	131.0	115.0	107.0	115.0	75.0	80.0	102.0	75.0
Louisiana .....	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Maine .....	1.4	1.1	0.9	0.8	0.8	0.7	0.7	1.0
Maryland .....	6.0	4.5	4.0	5.0	3.5	4.0	4.0	5.0
Massachusetts .....	2.5	2.1	2.0	2.0	1.1	1.1	1.4	1.3
Michigan .....	380.0	310.0	320.0	275.0	245.0	225.0	245.0	240.0
Minnesota .....	2,890.0	2,800.0	2,610.0	2,550.0	1,940.0	1,760.0	1,420.0	1,240.0
Mississippi .....	43.0	101.0	7.0	7.0	7.0	5.0	4.0	7.0
Missouri .....	1,510.0	1,350.0	630.0	580.0	690.0	660.0	480.0	430.0
Montana .....	83.0	99.0	34.0	30.0	23.0	23.0	24.0	26.0
Nebraska .....	1,200.0	1,080.0	850.0	880.0	790.0	640.0	550.0	560.0
Nevada .....	0.1	0.1	0.9	1.0	0.8	0.8	0.6	0.5
New Hampshire .....	0.4	0.4	1.0	0.6	0.8	0.8	1.0	0.9
New Jersey .....	1.4	1.2	1.5	1.0	1.3	1.3	2.3	2.0
New Mexico .....	0.2	0.5	0.2	0.2	0.2	0.1	0.3	0.2
New York .....	15.0	11.0	20.0	21.0	16.0	13.0	10.0	10.0
North Carolina .....	2,955.0	2,825.0	1,845.0	1,500.0	1,620.0	1,445.0	1,540.0	1,420.0
North Dakota .....	54.0	57.0	23.0	21.0	15.0	16.0	15.0	19.0
Ohio .....	780.0	710.0	630.0	650.0	530.0	570.0	550.0	620.0
Oklahoma .....	745.0	750.0	350.0	350.0	205.0	190.0	320.0	340.0
Oregon .....	2.0	2.0	2.0	1.5	1.0	1.0	2.0	2.5
Pennsylvania .....	365.0	320.0	350.0	360.0	275.0	250.0	270.0	235.0
Rhode Island .....	0.3	0.3	0.5	0.5	0.2	0.4	0.3	0.4
South Carolina .....	21.0	26.0	52.0	36.0	54.0	36.0	53.0	37.0
South Dakota .....	715.0	660.0	390.0	405.0	325.0	325.0	320.0	345.0
Tennessee .....	48.0	65.0	66.0	88.0	54.0	64.0	67.0	58.0
Texas .....	300.0	290.0	215.0	240.0	175.0	175.0	250.0	235.0
Utah .....	350.0	340.0	185.0	170.0	185.0	170.0	190.0	175.0
Vermont .....	0.8	0.8	0.9	1.2	0.6	1.0	0.7	1.0
Virginia .....	56.0	56.0	83.0	68.0	81.0	68.0	86.0	68.0
Washington .....	5.0	5.0	4.0	5.0	2.0	5.0	3.0	6.0
West Virginia .....	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0
Wisconsin .....	122.0	112.0	62.0	70.0	73.0	73.0	55.0	63.0
Wyoming .....	50.0	56.0	1.0	1.0	1.0	1.0	2.0	1.0
Alabama and Florida .....	(NA)	9.0	(NA)	5.0	(NA)	2.0	(NA)	4.0
United States .....	21,989.1	21,174.2	19,680.3	19,184.8	15,791.4	14,809.1	13,675.3	12,853.2

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

(NA) Not available.

## Breeding, Market, and Total Inventory – States and United States: March 1, 2020 and 2021

[May not add due to rounding]

State	Breeding			Market			Total		
	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	155	150	97	555	510	92	710	660	93
Illinois .....	580	580	100	4,620	4,620	100	5,200	5,200	100
Indiana .....	250	260	104	3,700	4,040	109	3,950	4,300	109
Iowa .....	1,020	940	92	23,080	22,660	98	24,100	23,600	98
Kansas .....	180	170	94	1,870	1,820	97	2,050	1,990	97
Michigan .....	120	120	100	1,120	1,170	104	1,240	1,290	104
Minnesota .....	560	530	95	8,140	8,170	100	8,700	8,700	100
Missouri .....	470	430	91	3,080	2,970	96	3,550	3,400	96
Nebraska .....	450	440	98	3,250	3,210	99	3,700	3,650	99
North Carolina .....	870	830	95	8,130	7,670	94	9,000	8,500	94
Ohio .....	200	200	100	2,400	2,300	96	2,600	2,500	96
Oklahoma .....	450	460	102	1,770	1,570	89	2,220	2,030	91
Pennsylvania .....	150	140	93	1,180	1,200	102	1,330	1,340	101
South Dakota .....	285	285	100	1,715	1,695	99	2,000	1,980	99
Texas .....	155	160	103	895	890	99	1,050	1,050	100
Utah .....	80	85	106	870	885	102	950	970	102
Other States <sup>1</sup> .....	450	435	97	2,364	2,338	99	2,814	2,773	99
United States .....	6,425	6,215	97	68,739	67,718	99	75,164	73,933	98

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Market Inventory by Weight Group – States and United States: March 1, 2020 and 2021

[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	
	2020	2021	2020	2021	2020	2021	2020	2021
	(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	270	100	100	60	50	115	90
Illinois .....	1,400	1,185	1,515	1,550	905	1,110	800	775
Indiana .....	930	960	1,030	1,230	870	940	870	910
Iowa .....	6,150	5,340	7,430	7,210	4,870	5,650	4,630	4,460
Kansas .....	505	440	495	435	300	355	570	590
Michigan .....	355	345	300	300	210	265	255	260
Minnesota .....	2,800	2,420	2,410	2,620	1,500	1,810	1,430	1,320
Missouri .....	1,620	1,380	600	565	365	645	495	380
Nebraska .....	1,180	1,050	885	850	580	810	605	500
North Carolina .....	3,350	2,990	1,740	1,660	1,430	1,570	1,610	1,450
Ohio .....	705	610	635	610	480	565	580	515
Oklahoma .....	835	725	360	350	210	200	365	295
Pennsylvania .....	355	305	350	370	210	290	265	235
South Dakota .....	715	665	385	400	305	330	310	300
Texas .....	300	280	220	200	150	165	225	245
Utah .....	325	350	180	185	180	175	185	175
Other States <sup>1</sup> .....	936	923	498	503	446	445	483	466
United States .....	22,741	20,238	19,133	19,138	13,071	15,375	13,793	12,966

<sup>1</sup> Individual State estimates not available for the 34 Other States.



## Breeding, Market, and Total Inventory – States and United States: June 1, 2020 and 2021

[May not add due to rounding]

State	Breeding			Market			Total		
	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020
	(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	505	93	700	660	94
Illinois .....	580	650	112	4,820	4,650	96	5,400	5,300	98
Indiana .....	260	260	100	4,090	3,940	96	4,350	4,200	97
Iowa .....	980	910	93	23,620	22,790	96	24,600	23,700	96
Kansas .....	180	175	97	1,980	1,775	90	2,160	1,950	90
Michigan .....	120	115	96	1,060	1,095	103	1,180	1,210	103
Minnesota .....	560	540	96	8,540	8,260	97	9,100	8,800	97
Missouri .....	485	425	88	3,265	2,825	87	3,750	3,250	87
Nebraska .....	450	450	100	3,300	3,050	92	3,750	3,500	93
North Carolina .....	880	820	93	8,420	7,280	86	9,300	8,100	87
Ohio .....	220	190	86	2,580	2,310	90	2,800	2,500	89
Oklahoma .....	470	470	100	1,710	1,570	92	2,180	2,040	94
Pennsylvania .....	150	140	93	1,260	1,150	91	1,410	1,290	91
South Dakota .....	290	270	93	1,770	1,690	95	2,060	1,960	95
Texas .....	130	130	100	900	850	94	1,030	980	95
Utah .....	80	85	106	910	865	95	990	950	96
Other States <sup>1</sup> .....	436	435	100	2,468	2,328	94	2,904	2,763	95
United States .....	6,426	6,220	97	71,238	66,933	94	77,664	73,153	94

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Market Inventory by Weight Group – States and United States: June 1, 2020 and 2021

[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	
	2020	2021	2020	2021	2020	2021	2020	2021
	(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	240	95	110	70	70	105	85
Illinois .....	1,400	1,355	1,555	1,550	1,075	935	790	810
Indiana .....	1,010	970	1,310	1,220	910	900	860	850
Iowa .....	5,780	5,970	7,520	7,200	5,840	5,320	4,480	4,300
Kansas .....	510	450	480	470	395	330	595	525
Michigan .....	310	330	290	290	225	220	235	255
Minnesota .....	2,800	2,740	2,430	2,630	1,910	1,550	1,400	1,340
Missouri .....	1,690	1,350	565	510	595	560	415	405
Nebraska .....	1,150	1,060	865	840	680	590	605	560
North Carolina .....	3,100	2,940	1,920	1,540	1,730	1,415	1,670	1,385
Ohio .....	710	670	650	605	620	485	600	550
Oklahoma .....	770	750	380	340	230	165	330	315
Pennsylvania .....	375	335	385	330	270	230	230	255
South Dakota .....	725	685	420	395	340	275	285	335
Texas .....	220	245	295	210	175	170	210	225
Utah .....	365	360	180	170	180	170	185	165
Other States <sup>1</sup> .....	910	904	550	509	485	445	522	469
United States .....	22,100	21,354	19,890	18,919	15,730	13,830	13,517	12,829

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Breeding, Market, and Total Inventory – States and United States: September 1, 2020 and 2021

[May not add due to rounding]

State	Breeding			Market			Total		
	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	165	150	91	485	510	105	650	660	102
Illinois .....	580	660	114	4,820	4,740	98	5,400	5,400	100
Indiana .....	250	250	100	4,150	4,050	98	4,400	4,300	98
Iowa .....	980	900	92	23,620	23,200	98	24,600	24,100	98
Kansas .....	175	165	94	1,895	1,885	99	2,070	2,050	99
Michigan .....	120	115	96	1,100	1,095	100	1,220	1,210	99
Minnesota .....	530	530	100	8,570	8,270	96	9,100	8,800	97
Missouri .....	470	420	89	3,380	2,980	88	3,850	3,400	88
Nebraska .....	430	460	107	3,370	3,190	95	3,800	3,650	96
North Carolina .....	870	810	93	8,730	7,390	85	9,600	8,200	85
Ohio .....	220	190	86	2,580	2,260	88	2,800	2,450	88
Oklahoma .....	450	470	104	1,650	1,730	105	2,100	2,200	105
Pennsylvania .....	150	145	97	1,290	1,195	93	1,440	1,340	93
South Dakota .....	285	265	93	1,755	1,735	99	2,040	2,000	98
Texas .....	140	140	100	920	940	102	1,060	1,080	102
Utah .....	85	85	100	955	885	93	1,040	970	93
Other States <sup>1</sup> .....	433	435	100	2,501	2,372	95	2,934	2,807	96
United States .....	6,333	6,190	98	71,771	68,427	95	78,104	74,617	96

<sup>1</sup> Individual State estimates not available for the 34 Other States.

## Market Inventory by Weight Group – States and United States: September 1, 2020 and 2021

[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	
	2020	2021	2020	2021	2020	2021	2020	2021
	(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	235	100	110	50	55	75	110
Illinois .....	1,390	1,310	1,540	1,630	1,070	1,015	820	785
Indiana .....	1,060	980	1,380	1,250	790	895	920	925
Iowa .....	6,460	6,170	7,580	7,600	5,480	5,470	4,100	3,960
Kansas .....	500	470	465	415	400	410	530	590
Michigan .....	325	330	305	295	225	225	245	245
Minnesota .....	2,870	2,790	2,820	2,720	1,720	1,580	1,160	1,180
Missouri .....	1,610	1,400	690	560	670	620	410	400
Nebraska .....	1,180	1,090	880	880	690	650	620	570
North Carolina .....	3,350	3,040	2,130	1,620	1,610	1,340	1,640	1,390
Ohio .....	770	650	760	630	490	440	560	540
Oklahoma .....	765	850	350	350	185	220	350	310
Pennsylvania .....	360	320	410	375	275	275	245	225
South Dakota .....	705	655	425	405	320	305	305	370
Texas .....	305	290	215	240	140	150	260	260
Utah .....	370	345	195	180	195	180	195	180
Other States <sup>1</sup> .....	954	930	545	491	497	461	504	489
United States .....	23,234	21,855	20,790	19,751	14,807	14,291	12,939	12,529

<sup>1</sup> 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 2020 and 2021

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

State	Sows farrowing			Pigs per litter		Pig crop		
	2020	2021	2021 as percent of 2020	2020	2021	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Alabama .....	14.50	(D)	(D)	10.97	(D)	159.00	(D)	(D)
Alaska .....	0.40	0.40	100	7.57	8.00	2.80	3.20	114
Arizona .....	27.50	26.50	96	10.11	9.96	278.00	264.00	95
Arkansas .....	78.00	82.00	105	11.35	11.48	885.00	941.00	106
California .....	14.50	13.50	93	4.14	3.56	60.00	48.00	80
Colorado .....	298.00	293.00	98	10.10	10.31	3,009.00	3,022.00	100
Connecticut .....	0.50	0.70	140	7.80	9.00	3.90	6.30	162
Delaware .....	4.00	4.00	100	10.00	10.00	40.00	40.00	100
Florida .....	4.00	(D)	(D)	6.00	(D)	24.00	(D)	(D)
Georgia .....	28.00	20.00	71	10.04	10.30	281.00	206.00	73
Hawaii .....	2.00	2.50	125	6.00	4.40	12.00	11.00	92
Idaho .....	12.00	12.30	103	9.58	10.00	115.00	123.00	107
Illinois .....	1,160.00	1,060.00	91	10.81	10.85	12,543.00	11,505.00	92
Indiana .....	495.00	505.00	102	10.87	10.85	5,383.00	5,481.00	102
Iowa .....	2,120.00	2,020.00	95	11.31	11.39	23,981.00	23,006.00	96
Kansas .....	349.00	343.00	98	10.63	10.57	3,709.00	3,626.00	98
Kentucky .....	97.00	96.00	99	9.96	10.44	966.00	1,002.00	104
Louisiana .....	0.40	1.20	300	6.75	6.00	2.70	7.20	267
Maine .....	0.90	1.10	122	7.20	7.09	6.50	7.80	120
Maryland .....	4.00	4.00	100	10.00	10.00	40.00	40.00	100
Massachusetts .....	1.60	1.60	100	7.50	7.75	12.00	12.00	100
Michigan .....	221.00	201.00	91	11.15	10.88	2,465.00	2,186.00	89
Minnesota .....	1,195.00	1,085.00	91	11.82	11.76	14,120.00	12,759.00	90
Mississippi .....	118.00	114.00	97	10.97	11.15	1,295.00	1,271.00	98
Missouri .....	1,008.00	880.00	87	11.07	10.95	11,163.00	9,636.00	86
Montana .....	69.50	83.00	119	11.00	11.90	767.00	988.00	129
Nebraska .....	765.00	765.00	100	11.52	11.70	8,811.00	8,949.00	102
Nevada .....	0.40	0.40	100	4.00	4.50	1.60	1.80	113
New Hampshire .....	0.40	0.40	100	8.00	8.00	3.20	3.20	100
New Jersey .....	0.80	0.80	100	6.88	6.50	5.50	5.20	95
New Mexico .....	0.40	0.40	100	6.00	6.00	2.40	2.40	100
New York .....	6.00	11.00	183	7.83	8.82	47.00	97.00	206
North Carolina .....	1,840.00	1,690.00	92	10.53	10.61	19,366.00	17,930.00	93
North Dakota .....	72.00	74.00	103	11.18	11.15	805.00	825.00	102
Ohio .....	408.00	383.00	94	10.79	10.91	4,401.00	4,178.00	95
Oklahoma .....	855.00	795.00	93	10.69	10.43	9,138.00	8,291.00	91
Oregon .....	1.60	1.30	81	8.13	8.46	13.00	11.00	85
Pennsylvania .....	219.00	194.00	89	11.05	11.36	2,421.00	2,204.00	91
Rhode Island .....	0.40	0.40	100	8.00	7.75	3.20	3.10	97
South Carolina .....	15.50	13.50	87	8.58	10.52	133.00	142.00	107
South Dakota .....	568.00	526.00	93	12.20	12.37	6,930.00	6,509.00	94
Tennessee .....	60.50	62.50	103	11.01	12.00	666.00	750.00	113
Texas .....	265.00	274.00	103	10.44	10.28	2,767.00	2,816.00	102
Utah .....	167.00	179.00	107	10.92	10.45	1,824.00	1,871.00	103
Vermont .....	0.80	0.80	100	6.50	6.50	5.20	5.20	100
Virginia .....	6.00	5.40	90	10.70	11.30	64.00	61.00	95
Washington .....	3.20	3.00	94	8.13	8.40	26.00	25.00	96
West Virginia .....	0.60	0.70	117	8.17	8.29	4.90	5.80	118
Wisconsin .....	105.00	93.00	89	11.40	11.39	1,197.00	1,059.00	88
Wyoming .....	70.50	89.00	126	10.24	10.10	722.00	899.00	125
Alabama and Florida .....	(NA)	8.50	(NA)	(NA)	8.12	(NA)	69.00	(NA)
United States .....	12,753.90	12,020.90	94	11.03	11.06	140,680.60	132,904.30	94

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

(NA) Not available.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2020-2022

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

State	Sows farrowing				Pigs per litter		Pig crop <sup>1</sup>		
	2020	2021	2022 <sup>2</sup>	2022 as percent of 2021	2020	2021	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	72	78	69	88	10.30	9.90	742	772	104
Illinois .....	295	265	250	94	10.95	10.95	3,230	2,902	90
Indiana .....	125	120	125	104	10.60	10.70	1,325	1,284	97
Iowa .....	500	485	490	101	11.25	11.30	5,625	5,481	97
Kansas .....	87	84	83	99	10.40	10.50	905	882	97
Michigan .....	57	52	51	98	11.10	10.90	633	567	90
Minnesota .....	305	250	275	110	11.90	11.80	3,630	2,950	81
Missouri .....	260	215	215	100	11.00	11.00	2,860	2,365	83
Nebraska .....	195	180	190	106	11.60	11.85	2,262	2,133	94
North Carolina .....	450	420	405	96	10.50	10.55	4,725	4,431	94
Ohio .....	101	87	101	116	11.00	10.40	1,111	905	81
Oklahoma .....	215	200	195	98	10.40	10.10	2,236	2,020	90
Pennsylvania .....	53	46	52	113	11.00	11.10	583	511	88
South Dakota .....	146	134	127	95	12.10	11.90	1,767	1,595	90
Texas .....	72	69	62	90	10.35	10.10	745	697	94
Utah .....	40	44	43	98	11.00	10.10	440	444	101
Other States <sup>3</sup> .....	209	200	210	105	10.51	10.59	2,196	2,121	97
United States .....	3,182	2,929	2,943	100	11.00	10.94	35,016	32,059	92

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

<sup>2</sup> Intentions.

<sup>3</sup> Individual State estimates not available for the 34 Other States.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2020-2022

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop <sup>1</sup>		
	2020	2021	2022 <sup>2</sup>	2022 as percent of 2021	2020	2021	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	74	73	66	90	10.10	10.40	747	759	102
Illinois .....	275	260	250	96	10.80	10.85	2,970	2,821	95
Indiana .....	125	125	130	104	10.60	10.90	1,325	1,363	103
Iowa .....	500	510	500	98	11.40	11.40	5,700	5,814	102
Kansas .....	89	88	81	92	10.70	10.20	952	898	94
Michigan .....	54	50	49	98	10.60	10.70	572	535	94
Minnesota .....	290	280	275	98	11.60	11.90	3,364	3,332	99
Missouri .....	255	225	230	102	11.00	10.90	2,805	2,453	87
Nebraska .....	200	190	195	103	11.10	11.60	2,220	2,204	99
North Carolina .....	460	430	415	97	10.60	10.30	4,876	4,429	91
Ohio .....	94	91	101	111	11.10	10.40	1,043	946	91
Oklahoma .....	215	210	200	95	10.80	10.10	2,322	2,121	91
Pennsylvania .....	57	47	53	113	11.10	11.40	633	536	85
South Dakota .....	139	131	136	104	12.30	12.50	1,710	1,638	96
Texas .....	68	68	61	90	11.00	9.30	748	632	84
Utah .....	43	45	45	100	10.80	10.60	464	477	103
Other States <sup>3</sup> .....	209	211	223	106	10.39	10.77	2,169	2,275	105
United States .....	3,147	3,034	3,010	99	11.00	10.95	34,621	33,233	96

<sup>1</sup> Number of pigs born March-May that were still on hand June 1, or had been sold.

<sup>2</sup> Intentions.

<sup>3</sup> Individual State estimates not available for the 34 Other States.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2020 and 2021

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop <sup>1</sup>		
	2020	2021	2021 as percent of 2020	2020	2021	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	79	72	91	10.00	10.50	790	756	96
Illinois .....	290	285	98	10.70	10.90	3,103	3,107	100
Indiana .....	125	130	104	11.30	10.70	1,413	1,391	98
Iowa .....	560	505	90	11.30	11.40	6,328	5,757	91
Kansas .....	88	88	100	10.70	10.80	942	950	101
Michigan .....	54	51	94	11.40	10.80	616	551	89
Minnesota .....	310	265	85	11.90	11.80	3,689	3,127	85
Missouri .....	255	220	86	11.20	10.70	2,856	2,354	82
Nebraska .....	180	200	111	11.70	11.65	2,106	2,330	111
North Carolina .....	490	430	88	10.50	10.70	5,145	4,601	89
Ohio .....	108	102	94	10.50	11.20	1,134	1,142	101
Oklahoma .....	215	200	93	10.80	10.90	2,322	2,180	94
Pennsylvania .....	56	49	88	11.10	11.50	622	564	91
South Dakota .....	143	128	90	12.20	12.60	1,745	1,613	92
Texas .....	61	69	113	10.60	11.10	647	766	118
Utah .....	43	46	107	11.00	10.60	473	488	103
Other States <sup>2</sup> .....	203	206	101	10.46	10.82	2,124	2,224	105
United States .....	3,260	3,046	93	11.06	11.13	36,056	33,900	94

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

<sup>2</sup> Individual State estimates not available for the 34 Other States.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2020 and 2021

[May not add due to rounding]

State	Sows Farrowing			Pigs per litter		Pig crop <sup>1</sup>		
	2020	2021	2021 as percent of 2020	2020	2021	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	73	70	96	10.00	10.50	730	735	101
Illinois .....	300	250	83	10.80	10.70	3,240	2,675	83
Indiana .....	120	130	108	11.00	11.10	1,320	1,443	109
Iowa .....	560	520	93	11.30	11.45	6,328	5,954	94
Kansas .....	85	83	98	10.70	10.80	910	896	98
Michigan .....	56	48	86	11.50	11.10	644	533	83
Minnesota .....	290	290	100	11.85	11.55	3,437	3,350	97
Missouri .....	238	220	92	11.10	11.20	2,642	2,464	93
Nebraska .....	190	195	103	11.70	11.70	2,223	2,282	103
North Carolina .....	440	410	93	10.50	10.90	4,620	4,469	97
Ohio .....	105	103	98	10.60	11.50	1,113	1,185	106
Oklahoma .....	210	185	88	10.75	10.65	2,258	1,970	87
Pennsylvania .....	53	52	98	11.00	11.40	583	593	102
South Dakota .....	140	133	95	12.20	12.50	1,708	1,663	97
Texas .....	64	68	106	9.80	10.60	627	721	115
Utah .....	41	44	107	10.90	10.50	447	462	103
Other States <sup>2</sup> .....	200	211	105	10.79	10.98	2,158	2,316	107
United States .....	3,165	3,012	95	11.05	11.19	34,987	33,712	96

<sup>1</sup> Number of pigs born September-November that were still on hand December 1, or had been sold.

<sup>2</sup> Individual State estimates not available for the 34 Other States.

## Statistical Methodology

**Survey Procedures:** A random sample of roughly 6,300 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 2021, data were collected from about 4,000 operations. The data collected were received by electronic data reporting, mail, and telephone. Regardless of when operations responded, they were asked to report inventories as of December 1, 2021.

**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 are reviewed from all quarters of the current year, all quarters of the previous year, and December two years prior. 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 74.2 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 Quarterly Hog Estimates

[Based on data for the previous 20 quarters]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Quarters	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
All hogs and pigs .....	1.4	2.4	809	60	2,500	4	16
Pig crop .....	1.9	3.3	449	0	1,502	9	11
Expected farrowings							
Second intentions .....	2.5	4.3	58	2	189	13	7
First intentions .....	2.7	4.7	66	0	182	12	8

## 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 .....	75,164	2020	1988
June 1 .....	77,664	2020	1964
September 1 .....	78,583	2019	1988
December 1 .....	83,741	1943	1866
Market .....			
March 1 .....	68,739	2020	1988
June 1 .....	71,238	2020	1964
September 1 .....	72,153	2019	1988
December 1 .....	71,136	2020	1963
Pig crop .....			
December-February <sup>1</sup> .....	35,016	2020	1970
March-May .....	34,621	2020	1970
June-August .....	36,370	2019	1970
September-November .....	34,987	2020	1970
	(number)	(year)	(year)
Pigs per litter .....			
December-February <sup>1</sup> .....	11.00	2020	1970
March-May .....	11.00	2020	1970
June-August .....	11.13	2021	1970
September-November .....	11.19	2021	1970

<sup>1</sup> 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@usda.gov](mailto:nass@usda.gov).

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Scott Hollis, Head, Livestock Section .....	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter .....	(202) 690-8632
Ryan Cowen – Cattle, Cattle on Feed .....	(202) 720-3040
Anthony Fischer – Hogs and Pigs .....	(202) 720-3106
Logan Hartley-Sanguinett – Sheep and Goats .....	(202) 690-3236
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Suzanne Richards – Dairy Products .....	(202) 720-4448

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- 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](mailto: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@usda.gov](mailto:nass@usda.gov).

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