



# Quarterly Hogs and Pigs

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## United States Hog Inventory Down 2 Percent

**United States inventory** of all hogs and pigs on March 1, 2021 was 74.8 million head. This was down 2 percent from March 1, 2020, and down 3 percent from December 1, 2020.

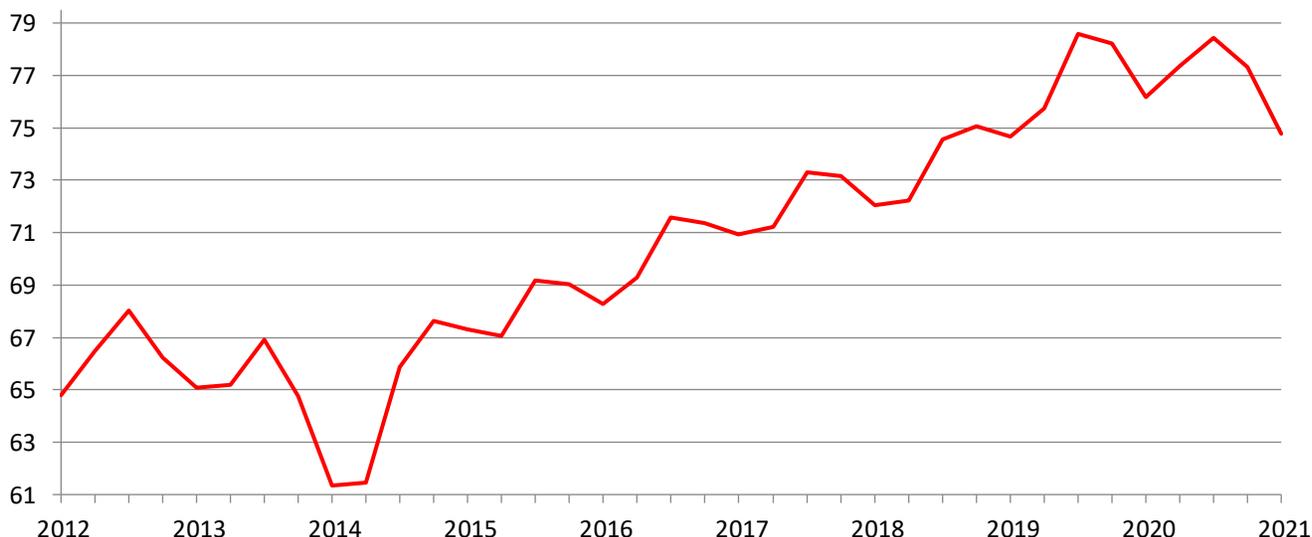
**Breeding inventory**, at 6.21 million head, was down 3 percent from last year, and down 1 percent from the previous quarter.

**Market hog inventory**, at 68.6 million head, was down 2 percent from last year, and down 3 percent from last quarter.

**The December 2020-February 2021 pig crop**, at 33.3 million head, was down 1 percent from last year. Sows farrowing during this period totaled 3.04 million head, down 1 percent from previous year. The sows farrowed during this quarter represented 48 percent of the breeding herd. The average pigs saved per litter was 10.94 for the December 2020-February 2021 period, compared to 11.00 last year.

## Quarterly Hogs and Pigs Inventory - United States: March 1

Million Head



**United States hog producers** intend to have 3.07 million sows farrow during the March-May 2021 quarter, down 3 percent from the actual farrowings during the same period one year earlier, and down 2 percent from the same period two years earlier. Intended farrowings for June-August 2021, at 3.12 million sows, are down 4 percent from the same period one year earlier, and down 5 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 50 percent of the total United States hog inventory, up 1 percent from the previous year.

## Revisions

All inventory and pig crop estimates for March 2020 through December 2020 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the December 2020 all hogs and pigs inventory was 0.2 percent.

## Records

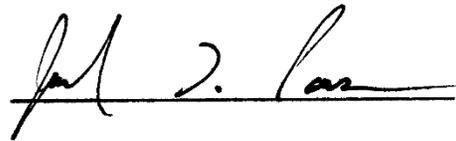
Record highs for all hogs and pigs, market hogs, pig crop and pigs per litter, by quarter, can be found on page 13.

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This report was approved on March 25, 2021.



Secretary of Agriculture  
Designate  
Seth Meyer



Agricultural Statistics Board  
Chairperson  
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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. Blank data cells indicate estimation period has not yet begun]

Item	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory .....			
All hogs and pigs .....	76,179	74,773	98
Kept for breeding .....	6,375	6,215	97
Market .....	69,804	68,558	98
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	21,571	21,288	99
50-119 pounds .....	19,353	19,118	99
120-179 pounds .....	15,086	14,705	97
180 pounds and over .....	13,793	13,446	97
June 1 inventory .....			
All hogs and pigs .....	77,364		
Kept for breeding .....	6,326		
Market .....	71,038		
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	22,110		
50-119 pounds .....	19,890		
120-179 pounds .....	15,240		
180 pounds and over .....	13,797		
September 1 inventory .....			
All hogs and pigs .....	78,434		
Kept for breeding .....	6,333		
Market .....	72,101		
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	23,144		
50-119 pounds .....	21,020		
120-179 pounds .....	14,867		
180 pounds and over .....	13,069		
December 1 inventory .....			
All hogs and pigs .....	77,312		
Kept for breeding .....	6,276		
Market .....	71,036		
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	21,739		
50-119 pounds .....	20,260		
120-179 pounds .....	15,346		
180 pounds and over .....	13,690		

## Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2019-2021

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

Item	2019	2020	2021	2021 as percent of	
				2019	2020
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing .....					
December-February .....	3,098	3,068	3,041	98	99
March-May <sup>2</sup> .....	3,132	3,149	3,070	98	97
December-May <sup>1 3</sup> .....	6,231	6,217	6,111	98	98
June-August <sup>2</sup> .....	3,274	3,260	3,124	95	96
September-November .....	3,197	3,164			
June-November <sup>1</sup> .....	6,471	6,424			
Pig crop .....			33,270	100	99
December-February .....	33,164	33,745			
March-May .....	34,455	34,644			
December-May <sup>1</sup> .....	67,619	68,389			
June-August .....	36,370	36,056			
September-November .....	35,459	34,964			
June-November <sup>1</sup> .....	71,829	71,021			
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter .....			10.94	102	99
December-February .....	10.70	11.00			
March-May .....	11.00	11.00			
December-May .....	10.85	11.00			
June-August .....	11.11	11.06			
September-November .....	11.09	11.05			
June-November .....	11.10	11.06			

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

<sup>2</sup> Intentions for 2021.

<sup>3</sup> Actual farrowings for December 2020-February 2021 plus intentions for March-May 2021.

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

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

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 .....	1,049	1,037	10.98	10.83	11,517	11,228
January .....	1,026	1,020	10.95	10.89	11,235	11,106
February .....	993	984	11.07	11.11	10,994	10,936
March .....	1,085		10.72		11,636	
April .....	1,039		11.13		11,556	
May .....	1,025		11.17		11,452	
June .....	1,100		10.94		12,038	
July .....	1,086		11.05		11,999	
August .....	1,074		11.19		12,020	
September .....	1,085		10.89		11,817	
October .....	1,044		11.07		11,558	
November .....	1,034		11.21		11,589	
Total .....	12,641		11.03		139,409	

<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: 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	4,570	4,670	102	5,150	5,250	102
Indiana .....	250	260	104	3,750	4,090	109	4,000	4,350	109
Iowa .....	980	940	96	23,420	22,860	98	24,400	23,800	98
Kansas .....	180	170	94	1,910	1,810	95	2,090	1,980	95
Michigan .....	120	120	100	1,120	1,190	106	1,240	1,310	106
Minnesota .....	560	530	95	8,440	8,470	100	9,000	9,000	100
Missouri .....	470	430	91	3,130	3,070	98	3,600	3,500	97
Nebraska .....	440	440	100	3,310	3,210	97	3,750	3,650	97
North Carolina .....	870	830	95	8,230	7,670	93	9,100	8,500	93
Ohio .....	200	200	100	2,450	2,350	96	2,650	2,550	96
Oklahoma .....	450	460	102	1,800	1,580	88	2,250	2,040	91
Pennsylvania .....	150	140	93	1,200	1,210	101	1,350	1,350	100
South Dakota .....	285	285	100	1,725	1,705	99	2,010	1,990	99
Texas .....	155	160	103	955	900	94	1,110	1,060	95
Utah .....	80	85	106	870	885	102	950	970	102
Other States <sup>1</sup> .....	450	435	97	2,369	2,378	100	2,819	2,813	100
United States .....	6,375	6,215	97	69,804	68,558	98	76,179	74,773	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 .....	1,260	1,305	1,515	1,530	995	1,060	800	775
Indiana .....	910	1,010	1,050	1,230	920	890	870	960
Iowa .....	5,830	5,640	7,460	7,210	5,500	5,500	4,630	4,510
Kansas .....	455	455	495	420	390	340	570	595
Michigan .....	335	355	300	300	230	255	255	280
Minnesota .....	2,700	2,680	2,460	2,660	1,850	1,710	1,430	1,420
Missouri .....	1,440	1,480	630	565	565	595	495	430
Nebraska .....	1,130	1,100	885	850	690	710	605	550
North Carolina .....	3,150	2,990	1,780	1,660	1,690	1,520	1,610	1,500
Ohio .....	680	660	640	610	550	515	580	565
Oklahoma .....	825	740	360	345	250	195	365	300
Pennsylvania .....	335	335	350	360	250	270	265	245
South Dakota .....	695	685	385	390	335	315	310	315
Texas .....	280	290	265	200	185	150	225	260
Utah .....	325	360	180	175	180	175	185	175
Other States <sup>1</sup> .....	941	933	498	513	446	455	483	476
United States .....	21,571	21,288	19,353	19,118	15,086	14,705	13,793	13,446

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

## Breeding, Market, and Total Inventory – States and United States: June 1, 2019 and 2020

[May not add due to rounding]

State	Breeding			Market			Total		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(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	620	545	88	780	700	90
Illinois .....	590	570	97	4,760	4,780	100	5,350	5,350	100
Indiana .....	260	250	96	4,040	4,150	103	4,300	4,400	102
Iowa .....	1,000	960	96	22,900	23,340	102	23,900	24,300	102
Kansas .....	175	180	103	1,845	2,010	109	2,020	2,190	108
Michigan .....	120	120	100	1,130	1,060	94	1,250	1,180	94
Minnesota .....	570	550	96	8,230	8,450	103	8,800	9,000	102
Missouri .....	480	475	99	3,170	3,325	105	3,650	3,800	104
Nebraska .....	460	440	96	3,290	3,360	102	3,750	3,800	101
North Carolina .....	900	880	98	8,300	8,420	101	9,200	9,300	101
Ohio .....	200	210	105	2,550	2,540	100	2,750	2,750	100
Oklahoma .....	445	460	103	1,715	1,720	100	2,160	2,180	101
Pennsylvania .....	120	150	125	1,100	1,260	115	1,220	1,410	116
South Dakota .....	265	280	106	1,605	1,780	111	1,870	2,060	110
Texas .....	155	130	84	935	920	98	1,090	1,050	96
Utah .....	80	80	100	750	910	121	830	990	119
Other States <sup>1</sup> .....	430	436	102	2,376	2,468	104	2,805	2,904	104
United States .....	6,410	6,326	99	69,316	71,038	102	75,725	77,364	102

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

## Market Inventory by Weight Group – States and United States: June 1, 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020	2019	2020
	(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 .....	295	275	130	95	100	70	95	105
Illinois .....	1,465	1,400	1,530	1,555	945	1,035	820	790
Indiana .....	1,090	1,010	1,180	1,310	840	910	930	920
Iowa .....	5,920	5,780	7,520	7,520	5,430	5,500	4,030	4,540
Kansas .....	460	510	490	480	385	395	510	625
Michigan .....	320	310	320	290	230	220	260	240
Minnesota .....	2,630	2,800	2,590	2,430	1,730	1,820	1,280	1,400
Missouri .....	1,590	1,690	530	565	525	600	525	470
Nebraska .....	1,135	1,160	875	865	630	690	650	645
North Carolina .....	3,370	3,100	1,830	1,920	1,500	1,730	1,600	1,670
Ohio .....	730	710	660	650	590	580	570	600
Oklahoma .....	800	770	365	380	220	230	330	340
Pennsylvania .....	305	375	345	385	235	270	215	230
South Dakota .....	580	725	430	420	290	340	305	295
Texas .....	285	220	235	295	145	185	270	220
Utah .....	325	365	150	180	140	180	135	185
Other States <sup>1</sup> .....	910	910	513	550	461	485	492	522
United States .....	22,210	22,110	19,693	19,890	14,396	15,240	13,017	13,797

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

## Breeding, Market, and Total Inventory – States and United States: September 1, 2019 and 2020

[May not add due to rounding]

State	Breeding			Market			Total		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	160	165	103	630	485	77	790	650	82
Illinois .....	590	580	98	4,910	4,820	98	5,500	5,400	98
Indiana .....	250	250	100	4,150	4,200	101	4,400	4,450	101
Iowa .....	1,010	980	97	23,990	23,820	99	25,000	24,800	99
Kansas .....	175	175	100	1,915	1,915	100	2,090	2,090	100
Michigan .....	120	120	100	1,120	1,100	98	1,240	1,220	98
Minnesota .....	580	530	91	8,620	8,570	99	9,200	9,100	99
Missouri .....	490	470	96	3,160	3,430	109	3,650	3,900	107
Nebraska .....	450	430	96	3,350	3,370	101	3,800	3,800	100
North Carolina .....	900	870	97	8,700	8,730	100	9,600	9,600	100
Ohio .....	200	220	110	2,600	2,580	99	2,800	2,800	100
Oklahoma .....	460	450	98	1,790	1,650	92	2,250	2,100	93
Pennsylvania .....	120	150	125	1,140	1,290	113	1,260	1,440	114
South Dakota .....	265	285	108	1,735	1,765	102	2,000	2,050	103
Texas .....	155	140	90	1,045	920	88	1,200	1,060	88
Utah .....	80	85	106	880	955	109	960	1,040	108
Other States <sup>1</sup> .....	426	433	102	2,418	2,501	103	2,843	2,934	103
United States .....	6,431	6,333	98	72,153	72,101	100	78,583	78,434	100

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

## Market Inventory by Weight Group – States and United States: September 1, 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020	2019	2020
	(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 .....	305	260	130	100	95	50	100	75
Illinois .....	1,510	1,390	1,650	1,540	900	1,070	850	820
Indiana .....	1,110	1,040	1,230	1,380	860	820	950	960
Iowa .....	6,360	6,440	8,010	7,780	5,520	5,480	4,100	4,120
Kansas .....	490	500	510	475	375	410	540	530
Michigan .....	310	325	310	305	225	225	275	245
Minnesota .....	2,950	2,850	2,850	2,820	1,710	1,720	1,110	1,180
Missouri .....	1,530	1,600	590	690	545	690	495	450
Nebraska .....	1,190	1,170	890	890	670	690	600	620
North Carolina .....	3,440	3,350	2,140	2,130	1,580	1,610	1,540	1,640
Ohio .....	780	770	690	760	540	490	590	560
Oklahoma .....	805	765	465	350	225	185	295	350
Pennsylvania .....	315	355	330	410	265	275	230	250
South Dakota .....	655	700	450	435	305	320	325	310
Texas .....	345	305	290	215	185	140	225	260
Utah .....	355	370	175	195	175	195	175	195
Other States <sup>1</sup> .....	926	954	514	545	479	497	499	504
United States .....	23,376	23,144	21,224	21,020	14,654	14,867	12,899	13,069

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

## Breeding, Market, and Total Inventory – States and United States: December 1, 2019 and 2020

[May not add due to rounding]

State	Breeding			Market			Total		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(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	605	475	79	760	630	83
Illinois .....	590	570	97	4,860	4,880	100	5,450	5,450	100
Indiana .....	250	250	100	4,150	4,200	101	4,400	4,450	101
Iowa .....	1,010	980	97	23,890	23,720	99	24,900	24,700	99
Kansas .....	180	170	94	1,980	1,880	95	2,160	2,050	95
Michigan .....	120	120	100	1,120	1,180	105	1,240	1,300	105
Minnesota .....	570	540	95	8,830	8,860	100	9,400	9,400	100
Missouri .....	490	450	92	2,860	3,300	115	3,350	3,750	112
Nebraska .....	440	430	98	3,360	3,220	96	3,800	3,650	96
North Carolina .....	900	840	93	8,500	8,060	95	9,400	8,900	95
Ohio .....	210	210	100	2,540	2,440	96	2,750	2,650	96
Oklahoma .....	450	465	103	1,820	1,615	89	2,270	2,080	92
Pennsylvania .....	140	150	107	1,190	1,240	104	1,330	1,390	105
South Dakota .....	280	285	102	1,720	1,735	101	2,000	2,020	101
Texas .....	155	140	90	985	940	95	1,140	1,080	95
Utah .....	80	90	113	880	910	103	960	1,000	104
Other States <sup>1</sup> .....	451	431	96	2,467	2,381	97	2,918	2,812	96
United States .....	6,471	6,276	97	71,757	71,036	99	78,228	77,312	99

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

## Market Inventory by Weight Group – States and United States: December 1, 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020	2019	2020
	(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	255	130	100	100	50	95	70
Illinois .....	1,455	1,440	1,630	1,550	965	1,040	810	850
Indiana .....	1,100	1,030	1,170	1,260	920	910	960	1,000
Iowa .....	5,840	5,800	7,720	7,620	5,750	5,790	4,580	4,510
Kansas .....	475	435	475	485	420	360	610	600
Michigan .....	340	360	310	330	220	245	250	245
Minnesota .....	2,750	2,840	2,770	2,760	1,860	1,840	1,450	1,420
Missouri .....	1,250	1,540	620	640	520	640	470	480
Nebraska .....	1,180	1,100	875	860	640	710	665	550
North Carolina .....	3,350	2,985	2,030	1,915	1,610	1,620	1,510	1,540
Ohio .....	690	750	710	660	550	480	590	550
Oklahoma .....	780	740	470	350	255	205	315	320
Pennsylvania .....	305	335	340	360	275	275	270	270
South Dakota .....	680	690	400	400	320	325	320	320
Texas .....	300	280	275	225	170	185	240	250
Utah .....	320	350	185	185	185	185	190	190
Other States <sup>1</sup> .....	953	809	526	560	496	486	491	525
United States .....	22,048	21,739	20,636	20,260	15,256	15,346	13,816	13,690

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

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

[December preceding year. 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 .....	72	77	107	10.30	9.90	742	762	103
Illinois .....	285	275	96	10.95	10.95	3,121	3,011	96
Indiana .....	115	125	109	10.60	10.70	1,219	1,338	110
Iowa .....	500	530	106	11.25	11.30	5,625	5,989	106
Kansas .....	87	85	98	10.40	10.50	905	893	99
Michigan .....	57	53	93	11.10	10.90	633	578	91
Minnesota .....	270	260	96	11.90	11.80	3,213	3,068	95
Missouri .....	250	225	90	11.00	11.00	2,750	2,475	90
Nebraska .....	190	185	97	11.60	11.80	2,204	2,183	99
North Carolina .....	430	420	98	10.50	10.50	4,515	4,410	98
Ohio .....	96	95	99	11.00	10.40	1,056	988	94
Oklahoma .....	205	210	102	10.40	10.10	2,132	2,121	99
Pennsylvania .....	53	48	91	11.00	11.10	583	533	91
South Dakota .....	141	138	98	12.10	11.90	1,706	1,642	96
Texas .....	68	71	104	10.35	10.10	704	717	102
Utah .....	40	44	110	11.00	10.10	440	444	101
Other States <sup>2</sup> .....	209	200	96	10.51	10.59	2,197	2,118	96
United States .....	3,068	3,041	99	11.00	10.94	33,745	33,270	99

<sup>1</sup> Number of pigs born December-February that were still on hand March 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: March-May 2019-2021

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop <sup>1</sup>		
	2019	2020	2021 <sup>3</sup>	2021 as percent of 2020	2019	2020	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	78	74	72	97	10.70	10.10	835	747	89
Illinois .....	275	275	285	104	10.75	10.80	2,956	2,970	100
Indiana .....	120	125	125	100	10.70	10.60	1,284	1,325	103
Iowa .....	530	500	510	102	11.45	11.40	6,069	5,700	94
Kansas .....	86	89	84	94	10.70	10.70	920	952	103
Michigan .....	54	54	57	106	11.00	10.60	594	572	96
Minnesota .....	295	290	270	93	11.85	11.60	3,496	3,364	96
Missouri .....	242	255	230	90	10.65	11.00	2,577	2,805	109
Nebraska .....	200	200	190	95	11.50	11.10	2,300	2,220	97
North Carolina .....	460	460	430	93	10.50	10.60	4,830	4,876	101
Ohio .....	98	96	100	104	11.20	11.10	1,098	1,066	97
Oklahoma .....	215	215	210	98	10.55	10.80	2,268	2,322	102
Pennsylvania .....	54	57	52	91	11.10	11.10	599	633	106
South Dakota .....	123	139	139	100	11.95	12.30	1,470	1,710	116
Texas .....	66	68	66	97	10.50	11.00	693	748	108
Utah .....	43	43	44	102	10.70	10.80	460	464	101
Other States <sup>2</sup> .....	193	209	206	99	10.37	10.39	2,006	2,170	108
United States .....	3,132	3,149	3,070	97	11.00	11.00	34,455	34,644	101

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

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

<sup>3</sup> Intentions.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2019-2021

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop <sup>1</sup>		
	2019	2020	2021 <sup>3</sup>	2021 as percent of 2020	2019	2020	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	79	79	73	92	10.70	10.00	845	790	93
Illinois .....	290	290	290	100	10.95	10.70	3,176	3,103	98
Indiana .....	120	125	130	104	11.00	11.30	1,320	1,413	107
Iowa .....	550	560	510	91	11.35	11.30	6,243	6,328	101
Kansas .....	90	88	84	95	10.90	10.70	981	942	96
Michigan .....	55	54	54	100	11.10	11.40	611	616	101
Minnesota .....	300	310	270	87	11.95	11.90	3,585	3,689	103
Missouri .....	260	255	245	96	11.10	11.20	2,886	2,856	99
Nebraska .....	194	180	190	106	11.65	11.70	2,260	2,106	93
North Carolina .....	500	490	440	90	10.50	10.50	5,250	5,145	98
Ohio .....	102	108	105	97	11.30	10.50	1,153	1,134	98
Oklahoma .....	230	215	215	100	10.90	10.80	2,507	2,322	93
Pennsylvania .....	51	56	50	89	11.30	11.10	576	622	108
South Dakota .....	129	143	138	97	11.85	12.20	1,529	1,745	114
Texas .....	71	61	72	118	10.90	10.60	774	647	84
Utah .....	44	43	45	105	11.00	11.00	484	473	98
Other States <sup>2</sup> .....	209	203	213	105	10.47	10.46	2,190	2,125	97
United States .....	3,274	3,260	3,124	96	11.11	11.06	36,370	36,056	99

<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.

<sup>3</sup> Intentions.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2019 and 2020

[May not add due to rounding]

State	Sows Farrowing			Pigs per litter		Pig crop <sup>1</sup>		
	2019	2020	2020 as percent of 2019	2019	2020	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	75	73	97	10.60	10.00	795	730	92
Illinois .....	280	295	105	10.95	10.80	3,066	3,186	104
Indiana .....	120	125	104	10.50	11.00	1,260	1,375	109
Iowa .....	510	560	110	11.35	11.30	5,789	6,328	109
Kansas .....	92	85	92	10.75	10.70	989	910	92
Michigan .....	56	56	100	10.85	11.50	608	644	106
Minnesota .....	300	290	97	11.90	11.85	3,570	3,437	96
Missouri .....	265	240	91	11.10	11.10	2,942	2,664	91
Nebraska .....	190	190	100	11.70	11.70	2,223	2,223	100
North Carolina .....	470	440	94	10.55	10.50	4,959	4,620	93
Ohio .....	103	105	102	11.40	10.60	1,174	1,113	95
Oklahoma .....	220	210	95	10.85	10.70	2,387	2,247	94
Pennsylvania .....	57	52	91	11.20	11.00	638	572	90
South Dakota .....	138	139	101	12.00	12.20	1,656	1,696	102
Texas .....	67	64	96	10.40	9.80	697	627	90
Utah .....	41	41	100	11.50	10.90	472	447	95
Other States <sup>2</sup> .....	213	199	94	10.51	10.78	2,234	2,145	96
United States .....	3,197	3,164	99	11.09	11.05	35,459	34,964	99

<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 4,900 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 March 2021, data were collected from about 3,200 operations, 65.6 percent of the total sample. 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 March 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 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 1.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 74.8 million head by more than 1.1 percent. Chances are 9 out of 10 that the difference will not exceed 1.9 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 .....	1.1	1.9	685	60	2,270	8	12
Pig crop .....	1.6	2.8	431	9	1,064	10	10
Expected farrowings							
Second intentions .....	2.3	4.0	56	2	137	16	4
First intentions .....	2.3	4.0	57	2	145	15	5

## 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 .....	76,179	2020	1988
June 1 .....	77,364	2020	1964
September 1 .....	78,583	2019	1988
December 1 .....	83,741	1943	1866
Market .....			
March 1 .....	69,804	2020	1988
June 1 .....	71,038	2020	1964
September 1 .....	72,153	2019	1988
December 1 .....	71,757	2019	1963
Pig crop .....			
December-February <sup>1</sup> .....	33,745	2020	1970
March-May .....	34,644	2020	1970
June-August .....	36,370	2019	1970
September-November .....	35,459	2019	1970
	(number)	(year)	(year)
Pigs per litter .....			
December-February <sup>1</sup> .....	11.00	2020	1970
March-May .....	11.00	2020	1970
June-August .....	11.11	2019	1970
September-November .....	11.09	2019	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).

Travis Averill, Chief, Livestock Branch .....	(202) 692-0069
Scott Hollis, Head, Livestock Section .....	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter .....	(202) 690-8632
Ryan Cowen – Cattle, Cattle on Feed .....	(202) 720-3040
Logan Hartley – Sheep and Goats .....	(202) 690-3236
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Suzanne Richards – Dairy Products .....	(202) 720-4448
Seth Riggins – Hogs and Pigs .....	(202) 720-3106

## Access to NASS Reports

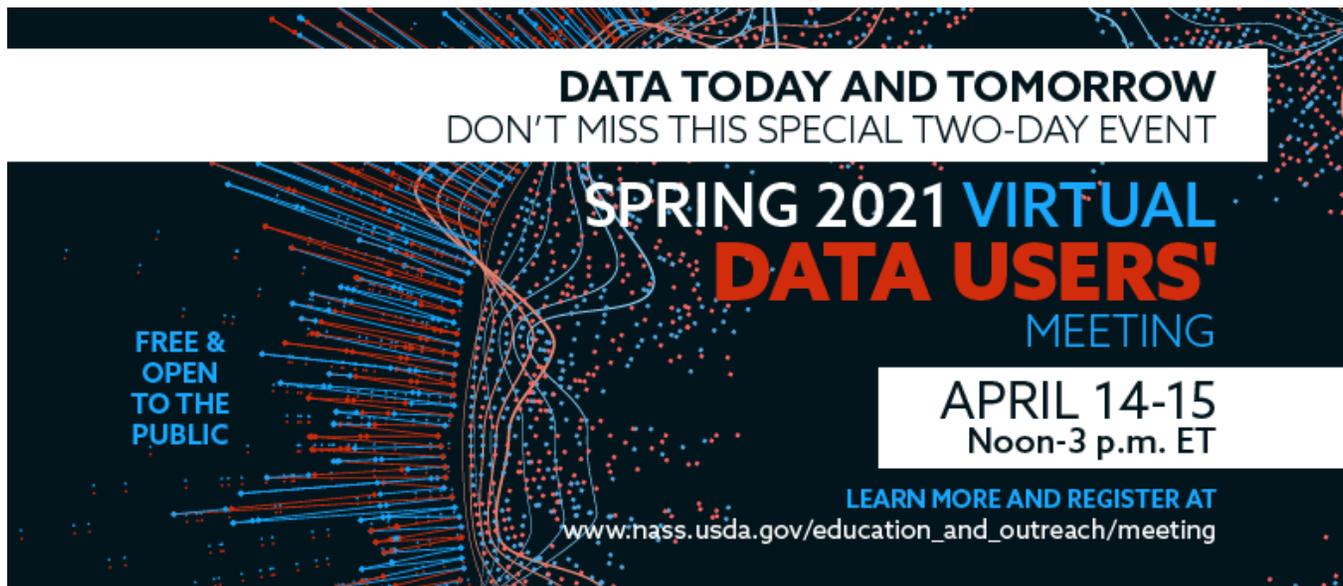
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- Cornell’s Mann Library has launched a new website housing NASS’s and other agencies archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. 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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## USDA NASS Data Users' Meeting

**Virtual Meeting**  
**April 14 and 15, 2021**  
**12:00 – 3:00 pm ET**

USDA's National Agricultural Statistics Service (NASS) will hold a virtual meeting for users of U.S. domestic and international agriculture data. Along with NASS, the 2021 Spring Data Users' Meeting will headline the Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Representatives will provide agency updates, answer questions, and listen to concerns from data users.

### Abbreviated Agenda

#### Day 1 – April 14

Agency Updates– *All agencies*

AMS Market News - *Agricultural Marketing Service*

World Board Meteorology - *World Agricultural Outlook Board*

NASS Grain Stocks Program - *National Agricultural Statistics Service*

Foreign Production, Trade, and Import/Export Data - *World Agricultural Outlook Board, Foreign Agricultural Service, and U.S. Census Bureau*

#### Day 2 – April 15

Open Forum – *All agencies*

NASS Modernization - *National Agricultural Statistics Service*

ERS Research - *Economic Research Service*

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website ([https://www.nass.usda.gov/Education\\_and\\_Outreach/Meeting/index.php](https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php)).