



# Quarterly Hogs and Pigs

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## United States Hog Inventory Down 1 Percent

**United States inventory** of all hogs and pigs on June 1, 2022 was 72.5 million head. This was down 1 percent from June 1, 2021, and down slightly from March 1, 2022.

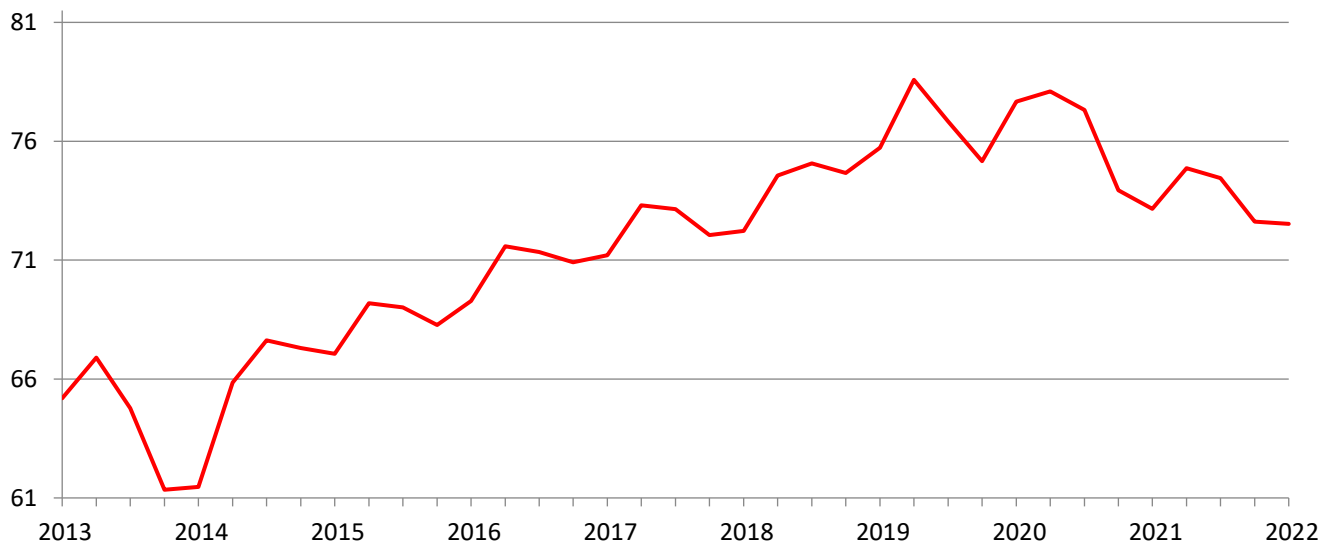
**Breeding inventory**, at 6.17 million head, was down 1 percent from last year, but up 1 percent from the previous quarter.

**Market hog inventory**, at 66.4 million head, was down 1 percent from last year, and down slightly from last quarter.

**The March-May 2022 pig crop**, at 32.9 million head, was down 1 percent from 2021. Sows farrowing during this period totaled 2.99 million head, down 1 percent from 2021. The sows farrowed during this quarter represented 49 percent of the breeding herd. The average pigs saved per litter was 11.00 for the March-May period, compared to 10.95 last year.

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

Million Head



**United States hog producers** intend to have 3.02 million sows farrow during the June-August 2022 quarter, down 1 percent from the actual farrowings during the same period one year earlier, and down 7 percent from the same period two years earlier. Intended farrowings for September-November 2022, at 3.01 million sows, are down 1 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 June 2021 through March 2022 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the March 2022 all hogs and pigs inventory was 0.6 percent. The revision made to the December 2021-February 2022 pig crop was 0.4 percent. The net revision made to the December 2021 all hogs and pigs inventory was 0.3 percent. A net revision of 1.2 percent was made to the September-November 2021 pig crop.

## Records

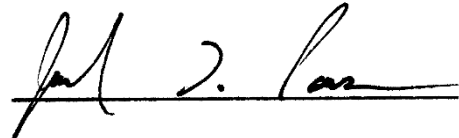
Record highs for all hogs and pigs, market hogs, pig crop and pigs per litter, by quarter, can be found on page 13.

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This report was approved on June 29, 2022.



Secretary of Agriculture  
Designate  
Cynthia Nickerson



Agricultural Statistics Board  
Chairperson  
Joseph L. Parsons

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## Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2021 and 2022

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

Item	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory .....			
All hogs and pigs .....	73,933	72,619	98
Kept for breeding .....	6,215	6,098	98
Market .....	67,718	66,521	98
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	20,238	20,045	99
50-119 pounds .....	19,138	19,015	99
120-179 pounds .....	15,375	14,993	98
180 pounds and over .....	12,966	12,468	96
June 1 inventory .....			
All hogs and pigs .....	73,153	72,524	99
Kept for breeding .....	6,220	6,168	99
Market .....	66,933	66,356	99
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	21,354	21,083	99
50-119 pounds .....	18,919	18,811	99
120-179 pounds .....	13,830	13,737	99
180 pounds and over .....	12,829	12,725	99
September 1 inventory .....			
All hogs and pigs .....	74,867		
Kept for breeding .....	6,190		
Market .....	68,677		
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	21,690		
50-119 pounds .....	20,211		
120-179 pounds .....	14,246		
180 pounds and over .....	12,529		
December 1 inventory .....			
All hogs and pigs .....	74,446		
Kept for breeding .....	6,125		
Market .....	68,321		
Market hogs and pigs by weight groups .....			
Under 50 pounds .....	21,594		
50-119 pounds .....	19,005		
120-179 pounds .....	14,374		
180 pounds and over .....	13,348		

## 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	2022 as percent of	
				2020	2021
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing .....					
December-February .....	3,182	2,929	2,912	92	99
March-May .....	3,147	3,034	2,992	95	99
December-May <sup>1</sup> .....	6,329	5,964	5,904	93	99
June-August <sup>2</sup> .....	3,260	3,050	3,019	93	99
September-November <sup>2</sup> .....	3,165	3,049	3,007	95	99
June-November <sup>1 2</sup> .....	6,425	6,098	6,025	94	99
Pig crop .....					
December-February .....	35,016	32,059	31,873	91	99
March-May .....	34,621	33,233	32,905	95	99
December-May <sup>1</sup> .....	69,637	65,292	64,777	93	99
June-August .....	36,056	33,944			
September-November .....	34,987	34,123			
June-November <sup>1</sup> .....	71,044	68,067			
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter .....					
December-February .....	11.00	10.94	10.95	100	100
March-May .....	11.00	10.95	11.00	100	100
December-May .....	11.00	10.95	10.97	100	100
June-August .....	11.06	11.13			
September-November .....	11.05	11.19			
June-November .....	11.06	11.16			

<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 2021 and 2022

[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>	
	2021	2022	2021	2022	2021	2022
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December .....	998	977	10.84	10.94	10,820	10,693
January .....	983	991	10.89	10.88	10,702	10,785
February .....	948	943	11.11	11.02	10,538	10,394
March .....	1,045	1,029	10.71	10.84	11,186	11,146
April .....	1,000	983	11.01	11.06	11,004	10,876
May .....	990	980	11.16	11.10	11,043	10,883
June .....	1,032		11.02		11,366	
July .....	1,016		11.15		11,325	
August .....	1,002		11.23		11,253	
September .....	1,046		11.12		11,627	
October .....	1,014		11.20		11,354	
November .....	989		11.26		11,142	
Total .....	12,062		11.06		133,359	

<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, 2021 and 2022

[May not add due to rounding]

State	Breeding			Market			Total		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	150	140	93	510	450	88	660	590	89
Illinois .....	580	590	102	4,620	4,710	102	5,200	5,300	102
Indiana .....	260	250	96	4,040	3,950	98	4,300	4,200	98
Iowa .....	940	900	96	22,660	22,200	98	23,600	23,100	98
Kansas .....	170	155	91	1,820	1,705	94	1,990	1,860	93
Michigan .....	120	110	92	1,170	1,080	92	1,290	1,190	92
Minnesota .....	530	530	100	8,170	8,070	99	8,700	8,600	99
Missouri .....	430	420	98	2,970	2,930	99	3,400	3,350	99
Nebraska .....	440	430	98	3,210	3,170	99	3,650	3,600	99
North Carolina .....	830	800	96	7,670	7,200	94	8,500	8,000	94
Ohio .....	200	190	95	2,300	2,410	105	2,500	2,600	104
Oklahoma .....	460	470	102	1,570	1,620	103	2,030	2,090	103
Pennsylvania .....	140	140	100	1,200	1,210	101	1,340	1,350	101
South Dakota .....	285	280	98	1,695	1,730	102	1,980	2,010	102
Texas .....	160	160	100	890	880	99	1,050	1,040	99
Utah .....	85	85	100	885	845	95	970	930	96
Other States <sup>1</sup> .....	435	448	103	2,338	2,361	101	2,773	2,809	101
United States .....	6,215	6,098	98	67,718	66,521	98	73,933	72,619	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, 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022	2021	2022
	(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	215	100	100	50	55	90	80
Illinois .....	1,185	1,305	1,550	1,605	1,110	1,075	775	725
Indiana .....	960	970	1,230	1,150	940	965	910	865
Iowa .....	5,340	5,440	7,210	7,150	5,650	5,490	4,460	4,120
Kansas .....	440	415	435	390	355	350	590	550
Michigan .....	345	310	300	295	265	240	260	235
Minnesota .....	2,420	2,420	2,620	2,570	1,810	1,780	1,320	1,300
Missouri .....	1,380	1,240	565	640	645	670	380	380
Nebraska .....	1,050	1,050	850	890	810	700	500	530
North Carolina .....	2,990	2,760	1,660	1,560	1,570	1,520	1,450	1,360
Ohio .....	610	635	610	620	565	590	515	565
Oklahoma .....	725	735	350	335	200	200	295	350
Pennsylvania .....	305	330	370	375	290	280	235	225
South Dakota .....	665	685	400	410	330	305	300	330
Texas .....	280	295	200	235	165	145	245	205
Utah .....	350	330	185	170	175	170	175	175
Other States <sup>1</sup> .....	923	910	503	520	445	458	466	473
United States .....	20,238	20,045	19,138	19,015	15,375	14,993	12,966	12,468

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

## Breeding, Market, and Total Inventory – States and United States: June 1, 2021 and 2022

[May not add due to rounding]

State	Breeding			Market			Total		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	155	135	87	505	385	76	660	520	79
Illinois .....	650	620	95	4,650	4,680	101	5,300	5,300	100
Indiana .....	260	250	96	3,940	4,100	104	4,200	4,350	104
Iowa .....	910	940	103	22,790	22,060	97	23,700	23,000	97
Kansas .....	175	155	89	1,775	1,755	99	1,950	1,910	98
Michigan .....	115	110	96	1,095	1,080	99	1,210	1,190	98
Minnesota .....	540	520	96	8,260	7,880	95	8,800	8,400	95
Missouri .....	425	430	101	2,825	2,770	98	3,250	3,200	98
Nebraska .....	450	420	93	3,050	3,080	101	3,500	3,500	100
North Carolina .....	820	820	100	7,280	7,380	101	8,100	8,200	101
Ohio .....	190	180	95	2,310	2,420	105	2,500	2,600	104
Oklahoma .....	470	470	100	1,570	1,550	99	2,040	2,020	99
Pennsylvania .....	140	140	100	1,150	1,210	105	1,290	1,350	105
South Dakota .....	270	290	107	1,690	1,840	109	1,960	2,130	109
Texas .....	130	160	123	850	900	106	980	1,060	108
Utah .....	85	80	94	865	880	102	950	960	101
Other States <sup>1</sup> .....	435	448	103	2,328	2,386	102	2,763	2,834	103
United States .....	6,220	6,168	99	66,933	66,356	99	73,153	72,524	99

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

## Market Inventory by Weight Group – States and United States: June 1, 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022	2021	2022
	(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 .....	240	190	110	70	70	45	85	80
Illinois .....	1,355	1,390	1,550	1,560	935	965	810	765
Indiana .....	970	1,080	1,220	1,160	900	940	850	920
Iowa .....	5,970	5,700	7,200	7,130	5,320	5,050	4,300	4,180
Kansas .....	450	440	470	420	330	330	525	565
Michigan .....	330	320	290	295	220	230	255	235
Minnesota .....	2,740	2,640	2,630	2,540	1,550	1,460	1,340	1,240
Missouri .....	1,350	1,270	510	540	560	580	405	380
Nebraska .....	1,060	1,050	840	840	590	640	560	550
North Carolina .....	2,940	2,920	1,540	1,600	1,415	1,420	1,385	1,440
Ohio .....	670	680	605	630	485	530	550	580
Oklahoma .....	750	775	340	305	165	165	315	305
Pennsylvania .....	335	330	330	365	230	285	255	230
South Dakota .....	685	765	395	390	275	325	335	360
Texas .....	245	275	210	245	170	145	225	235
Utah .....	360	350	170	175	170	175	165	180
Other States <sup>1</sup> .....	904	908	509	546	445	452	469	480
United States .....	21,354	21,083	18,919	18,811	13,830	13,737	12,829	12,725

<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	1,115	101	1,220	1,230	101
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	7,490	86	9,600	8,300	86
Ohio .....	220	190	86	2,580	2,360	91	2,800	2,550	91
Oklahoma .....	450	470	104	1,650	1,730	105	2,100	2,200	105
Pennsylvania .....	150	145	97	1,290	1,205	93	1,440	1,350	94
South Dakota .....	285	265	93	1,755	1,745	99	2,040	2,010	99
Texas .....	140	140	100	920	950	103	1,060	1,090	103
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	68,677	96	78,104	74,867	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	1,640	1,070	1,005	820	785
Indiana .....	1,060	990	1,380	1,260	790	875	920	925
Iowa .....	6,460	6,010	7,580	7,760	5,480	5,470	4,100	3,960
Kansas .....	500	455	465	430	400	410	530	590
Michigan .....	325	330	305	315	225	225	245	245
Minnesota .....	2,870	2,680	2,820	2,830	1,720	1,580	1,160	1,180
Missouri .....	1,610	1,410	690	565	670	605	410	400
Nebraska .....	1,180	1,080	880	890	690	650	620	570
North Carolina .....	3,350	3,090	2,130	1,670	1,610	1,340	1,640	1,390
Ohio .....	770	700	760	680	490	440	560	540
Oklahoma .....	765	850	350	350	185	220	350	310
Pennsylvania .....	360	325	410	380	275	275	245	225
South Dakota .....	705	660	425	410	320	305	305	370
Texas .....	305	290	215	250	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	21,690	20,790	20,211	14,807	14,246	12,939	12,529

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



## Breeding, Market, and Total Inventory – States and United States: December 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	145	94	465	475	102	620	620	100
Illinois .....	550	590	107	4,900	4,810	98	5,450	5,400	99
Indiana .....	250	250	100	4,200	4,100	98	4,450	4,350	98
Iowa .....	950	920	97	23,650	22,980	97	24,600	23,900	97
Kansas .....	170	165	97	1,890	1,825	97	2,060	1,990	97
Michigan .....	120	110	92	1,190	1,050	88	1,310	1,160	89
Minnesota .....	540	550	102	8,860	8,350	94	9,400	8,900	95
Missouri .....	440	420	95	3,310	3,030	92	3,750	3,450	92
Nebraska .....	410	430	105	3,390	3,220	95	3,800	3,650	96
North Carolina .....	840	810	96	7,960	7,190	90	8,800	8,000	91
Ohio .....	210	190	90	2,490	2,610	105	2,700	2,800	104
Oklahoma .....	460	460	100	1,620	1,630	101	2,080	2,090	100
Pennsylvania .....	140	145	104	1,260	1,165	92	1,400	1,310	94
South Dakota .....	280	265	95	1,750	1,745	100	2,030	2,010	99
Texas .....	140	150	107	940	940	100	1,080	1,090	101
Utah .....	90	85	94	910	855	94	1,000	940	94
Other States <sup>1</sup> .....	431	440	102	2,351	2,346	100	2,782	2,786	100
United States .....	6,176	6,125	99	71,136	68,321	96	77,312	74,446	96

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

## 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)
Colorado .....	255	230	90	95	50	60	70	90
Illinois .....	1,460	1,400	1,500	1,575	1,090	1,075	850	760
Indiana .....	1,050	1,040	1,230	1,170	935	935	985	955
Iowa .....	5,780	5,970	7,470	7,290	5,890	5,340	4,510	4,380
Kansas .....	445	435	465	450	370	355	610	585
Michigan .....	380	320	320	275	245	210	245	245
Minnesota .....	2,890	2,800	2,610	2,550	1,940	1,590	1,420	1,410
Missouri .....	1,510	1,430	630	550	690	640	480	410
Nebraska .....	1,200	1,080	850	880	790	695	550	565
North Carolina .....	2,955	2,890	1,845	1,460	1,620	1,355	1,540	1,485
Ohio .....	780	730	630	640	530	585	550	655
Oklahoma .....	745	770	350	350	205	170	320	340
Pennsylvania .....	365	320	350	360	275	250	270	235
South Dakota .....	715	670	390	400	325	320	320	355
Texas .....	300	300	215	235	175	165	250	240
Utah .....	350	340	185	170	185	170	190	175
Other States <sup>1</sup> .....	809	869	550	555	476	459	515	463
United States .....	21,989	21,594	19,680	19,005	15,791	14,374	13,675	13,348

<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 2021 and 2022

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

State	Sows farrowing			Pigs per litter		Pig crop <sup>1</sup>		
	2021	2022	2022 as percent of 2021	2021	2022	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	78	66	85	9.90	9.90	772	653	85
Illinois .....	265	260	98	10.95	10.60	2,902	2,756	95
Indiana .....	120	120	100	10.70	10.40	1,284	1,248	97
Iowa .....	485	475	98	11.30	11.30	5,481	5,368	98
Kansas .....	84	81	96	10.50	10.10	882	818	93
Michigan .....	52	51	98	10.90	11.10	567	566	100
Minnesota .....	250	260	104	11.80	11.70	2,950	3,042	103
Missouri .....	215	220	102	11.00	10.70	2,365	2,354	100
Nebraska .....	180	190	106	11.85	11.70	2,133	2,223	104
North Carolina .....	420	405	96	10.55	10.50	4,431	4,253	96
Ohio .....	87	95	109	10.40	11.50	905	1,093	121
Oklahoma .....	200	195	98	10.10	9.65	2,020	1,882	93
Pennsylvania .....	46	51	111	11.10	11.40	511	581	114
South Dakota .....	134	128	96	11.90	12.55	1,595	1,606	101
Texas .....	69	58	84	10.10	10.60	697	615	88
Utah .....	44	43	98	10.10	10.60	444	456	103
Other States <sup>2</sup> .....	200	214	107	10.59	11.03	2,120	2,359	111
United States .....	2,929	2,912	99	10.94	10.95	32,059	31,873	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 2021 and 2022

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop <sup>1</sup>		
	2021	2022	2022 as percent of 2021	2021	2022	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado .....	73	63	86	10.40	9.80	759	617	81
Illinois .....	260	265	102	10.85	10.70	2,821	2,836	101
Indiana .....	125	125	100	10.90	10.70	1,363	1,338	98
Iowa .....	510	505	99	11.40	11.45	5,814	5,782	99
Kansas .....	88	85	97	10.20	10.40	898	884	98
Michigan .....	50	51	102	10.70	10.80	535	551	103
Minnesota .....	280	265	95	11.90	11.85	3,332	3,140	94
Missouri .....	225	225	100	10.90	10.70	2,453	2,408	98
Nebraska .....	190	185	97	11.60	11.60	2,204	2,146	97
North Carolina .....	430	420	98	10.30	10.40	4,429	4,368	99
Ohio .....	91	95	104	10.40	11.30	946	1,074	114
Oklahoma .....	210	200	95	10.10	10.20	2,121	2,040	96
Pennsylvania .....	47	50	106	11.40	11.50	536	575	107
South Dakota .....	131	135	103	12.50	12.70	1,638	1,715	105
Texas .....	68	64	94	9.30	10.10	632	646	102
Utah .....	45	45	100	10.60	10.70	477	482	101
Other States <sup>2</sup> .....	211	214	101	10.77	10.75	2,275	2,303	101
United States .....	3,034	2,992	99	10.95	11.00	33,233	32,905	99

<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.

## Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 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 .....	79	72	63	88	10.00	10.50	790	756	96
Illinois .....	290	285	280	98	10.70	10.90	3,103	3,107	100
Indiana .....	125	130	130	100	11.30	10.70	1,413	1,391	98
Iowa .....	560	505	510	101	11.30	11.40	6,328	5,757	91
Kansas .....	88	88	80	91	10.70	10.80	942	950	101
Michigan .....	54	53	53	100	11.40	10.80	616	572	93
Minnesota .....	310	265	260	98	11.90	11.80	3,689	3,127	85
Missouri .....	255	220	225	102	11.20	10.70	2,856	2,354	82
Nebraska .....	180	200	190	95	11.70	11.65	2,106	2,330	111
North Carolina .....	490	430	415	97	10.50	10.70	5,145	4,601	89
Ohio .....	108	104	99	95	10.50	11.20	1,134	1,165	103
Oklahoma .....	215	200	200	100	10.80	10.90	2,322	2,180	94
Pennsylvania .....	56	49	51	104	11.10	11.50	622	564	91
South Dakota .....	143	128	135	105	12.20	12.60	1,745	1,613	92
Texas .....	61	69	68	99	10.60	11.10	647	766	118
Utah .....	43	46	42	91	11.00	10.60	473	488	103
Other States <sup>3</sup> .....	203	206	218	106	10.46	10.82	2,124	2,223	105
United States .....	3,260	3,050	3,019	99	11.06	11.13	36,056	33,944	94

<sup>1</sup> Number of pigs born June-August that were still on hand September 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: September-November 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 .....	73	70	61	87	10.00	10.50	730	735	101
Illinois .....	300	255	275	108	10.80	10.70	3,240	2,729	84
Indiana .....	120	130	125	96	11.00	11.10	1,320	1,443	109
Iowa .....	560	525	510	97	11.30	11.45	6,328	6,011	95
Kansas .....	85	85	81	95	10.70	10.80	910	918	101
Michigan .....	56	50	51	102	11.50	11.10	644	555	86
Minnesota .....	290	295	255	86	11.85	11.55	3,437	3,407	99
Missouri .....	238	225	230	102	11.10	11.20	2,642	2,520	95
Nebraska .....	190	195	190	97	11.70	11.70	2,223	2,282	103
North Carolina .....	440	415	410	99	10.50	10.90	4,620	4,524	98
Ohio .....	105	106	97	92	10.60	11.50	1,113	1,219	110
Oklahoma .....	210	190	200	105	10.75	10.65	2,258	2,024	90
Pennsylvania .....	53	52	50	96	11.00	11.40	583	593	102
South Dakota .....	140	133	138	104	12.20	12.50	1,708	1,663	97
Texas .....	64	68	70	103	9.80	10.60	627	721	115
Utah .....	41	44	43	98	10.90	10.50	447	462	103
Other States <sup>3</sup> .....	200	211	221	105	10.79	10.98	2,157	2,317	107
United States .....	3,165	3,049	3,007	99	11.05	11.19	34,987	34,123	98

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

<sup>2</sup> Intentions.

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

## Statistical Methodology

**Survey Procedures:** A random sample of roughly 4,700 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 June 2022, data were collected from about 3,000 operations. 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 June 1, 2022.

**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 72.5 million head by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.4 percent.

### Reliability of 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	818	85	2,500	6	14
Pig crop .....	1.9	3.3	467	14	1,502	11	9
Expected farrowings							
Second intentions .....	2.4	4.1	55	2	189	12	8
First intentions .....	2.5	4.3	60	0	182	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 .....	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	2022	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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Ryan Cowen – Cattle, Cattle on Feed .....	(202) 720-3040
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Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Suzanne Richards – Dairy Products .....	(202) 720-4448

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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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