



Quarterly Hogs and Pigs

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United States Hog Inventory Down 2 Percent

United States inventory of all hogs and pigs on December 1, 2022 was 73.1 million head. This was down 2 percent from December 1, 2021, and down 1 percent from September 1, 2022.

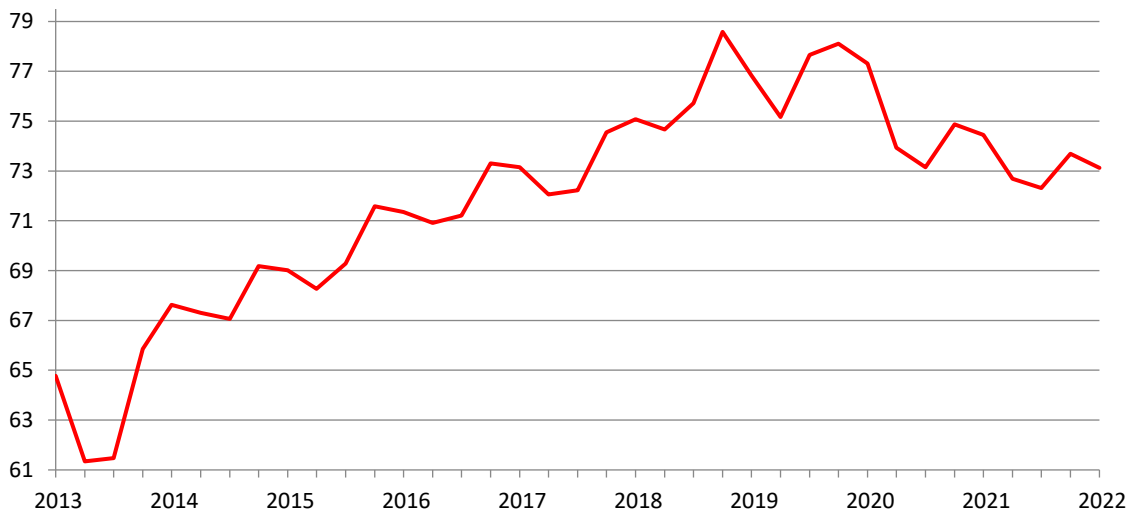
Breeding inventory, at 6.15 million head, was up slightly from last year, and up slightly from the previous quarter.

Market hog inventory, at 67.0 million head, was down 2 percent from last year, and down 1 percent from last quarter.

The September-November 2022 pig crop, at 33.7 million head, was down 1 percent from 2021. Sows farrowing during this period totaled 3.00 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 11.22 for the September-November period, compared to 11.19 last year.

Quarterly Hogs and Pigs Inventory - United States: December 1

Million Head



United States hog producers intend to have 2.95 million sows farrow during the December 2022-February 2023 quarter, up 1 percent from the actual farrowings during the same period one year earlier, and up 1 percent from the same period two years earlier. Intended farrowings for March-May 2023, at 2.98 million sows, are up slightly from the same period one year earlier, but down 2 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 48 percent of the total United States hog inventory, up 1 percent from the previous year.

Revisions

All inventory and pig crop estimates for December 2020 through September 2022 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the September 2022 all hogs and pigs inventory was 0.2 percent. A revision of 0.2 percent was made to the June-August 2022 pig crop. The net revision made to the June 2022 all hogs and pigs inventory was 0.3 percent. A net revision of 0.8 percent was made to the March-May 2022 pig crop.

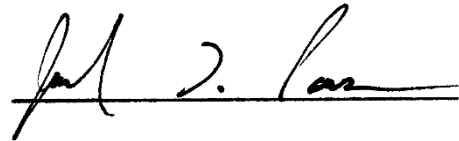
Records

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

This report was approved on December 23, 2022.



Secretary of Agriculture
Designate
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Agricultural Statistics Board
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Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2021 and 2022

[May not add due to rounding]

Item	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory			
All hogs and pigs	73,933	72,689	98
Kept for breeding	6,215	6,098	98
Market	67,718	66,591	98
Market hogs and pigs by weight groups			
Under 50 pounds	20,238	20,105	99
50-119 pounds	19,138	19,030	99
120-179 pounds	15,375	14,988	97
180 pounds and over	12,966	12,468	96
June 1 inventory			
All hogs and pigs	73,153	72,314	99
Kept for breeding	6,220	6,168	99
Market	66,933	66,146	99
Market hogs and pigs by weight groups			
Under 50 pounds	21,354	20,903	98
50-119 pounds	18,919	18,691	99
120-179 pounds	13,830	13,827	100
180 pounds and over	12,829	12,725	99
September 1 inventory			
All hogs and pigs	74,867	73,685	98
Kept for breeding	6,190	6,152	99
Market	68,677	67,533	98
Market hogs and pigs by weight groups			
Under 50 pounds	21,690	21,343	98
50-119 pounds	20,211	19,787	98
120-179 pounds	14,246	14,013	98
180 pounds and over	12,529	12,390	99
December 1 inventory			
All hogs and pigs	74,446	73,119	98
Kept for breeding	6,125	6,154	100
Market	68,321	66,966	98
Market hogs and pigs by weight groups			
Under 50 pounds	21,594	21,153	98
50-119 pounds	19,005	18,620	98
120-179 pounds	14,374	14,095	98
180 pounds and over	13,348	13,098	98

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2021-2023

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

Item	2021	2022	2023	2022 as percent of 2021	2023 percent of 2022
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February ²	2,929	2,919	2,947	100	101
March-May ²	3,034	2,967	2,981	98	100
December-May ¹	5,964	5,886	5,928	99	101
June-August	3,050	3,012		99	
September-November	3,049	3,004		99	
June-November ¹	6,098	6,016		99	
Pig crop					
December-February	32,059	31,947		100	
March-May	33,233	32,635		98	
December-May ¹	65,292	64,582		99	
June-August	33,944	33,516		99	
September-November	34,123	33,691		99	
June-November ¹	68,067	67,206		99	
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February	10.94	10.95		100	
March-May	10.95	11.00		100	
December-May	10.95	10.97		100	
June-August	11.13	11.13		100	
September-November	11.19	11.22		100	
June-November	11.16	11.17		100	

¹ May not add due to rounding.

² Intentions for 2023.

Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2021 and 2022

[December preceding year]

Month	Sows farrowing ¹		Pigs per litter		Pig crop ¹	
	2021	2022	2021	2022	2021	2022
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December	998	979	10.84	10.94	10,820	10,718
January	983	994	10.89	10.88	10,702	10,810
February	948	946	11.11	11.02	10,538	10,419
March	1,045	1,020	10.71	10.84	11,186	11,054
April	1,000	975	11.01	11.06	11,004	10,787
May	990	972	11.16	11.10	11,043	10,794
June	1,032	1,007	11.02	10.95	11,366	11,019
July	1,016	1,023	11.15	11.14	11,325	11,399
August	1,002	982	11.23	11.30	11,253	11,098
September	1,046	1,028	11.12	11.18	11,627	11,501
October	1,014	997	11.20	11.21	11,354	11,179
November	989	978	11.26	11.26	11,142	11,011
Total	12,062	11,902	11.06	11.07	133,359	131,788

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

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

[May not add due to rounding]

	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)
Alabama	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Alaska	0.4	0.3	75	1.5	1.3	87	1.9	1.6	84
Arizona	14.0	15.0	107	136.0	132.0	97	150.0	147.0	98
Arkansas	45.0	46.0	102	71.0	101.0	142	116.0	147.0	127
California	7.0	7.0	100	75.0	78.0	104	82.0	85.0	104
Colorado	145.0	145.0	100	475.0	385.0	81	620.0	530.0	85
Connecticut	0.4	0.4	100	3.1	2.4	77	3.5	2.8	80
Delaware	2.5	1.7	68	1.4	1.2	86	3.9	2.9	74
Florida	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Georgia	12.0	15.0	125	33.0	25.0	76	45.0	40.0	89
Hawaii	2.0	2.0	100	7.0	5.0	71	9.0	7.0	78
Idaho	7.0	7.0	100	20.0	17.0	85	27.0	24.0	89
Illinois	590.0	660.0	112	4,810.0	4,640.0	96	5,400.0	5,300.0	98
Indiana	250.0	260.0	104	4,100.0	4,090.0	100	4,350.0	4,350.0	100
Iowa	920.0	930.0	101	22,980.0	22,670.0	99	23,900.0	23,600.0	99
Kansas	165.0	165.0	100	1,825.0	1,715.0	94	1,990.0	1,880.0	94
Kentucky	50.0	50.0	100	385.0	400.0	104	435.0	450.0	103
Louisiana	2.0	1.0	50	4.0	4.0	100	6.0	5.0	83
Maine	1.1	1.0	91	3.6	3.5	97	4.7	4.5	96
Maryland	3.5	3.0	86	18.5	21.0	114	22.0	24.0	109
Massachusetts	2.0	1.5	75	6.5	6.0	92	8.5	7.5	88
Michigan	110.0	115.0	105	1,050.0	1,125.0	107	1,160.0	1,240.0	107
Minnesota	550.0	490.0	89	8,350.0	8,110.0	97	8,900.0	8,600.0	97
Mississippi	50.0	53.0	106	120.0	127.0	106	170.0	180.0	106
Missouri	420.0	430.0	102	3,030.0	2,770.0	91	3,450.0	3,200.0	93
Montana	47.0	50.0	106	178.0	175.0	98	225.0	225.0	100
Nebraska	430.0	400.0	93	3,220.0	3,100.0	96	3,650.0	3,500.0	96
Nevada	0.1	(D)	(D)	2.4	(D)	(D)	2.5	(D)	(D)
New Hampshire	1.0	0.6	60	2.7	3.5	130	3.7	4.1	111
New Jersey	1.0	1.1	110	5.5	6.4	116	6.5	7.5	115
New Mexico	0.9	0.5	56	1.0	1.0	100	1.9	1.5	79
New York	6.0	2.0	33	55.0	35.0	64	61.0	37.0	61
North Carolina	810.0	800.0	99	7,190.0	7,400.0	103	8,000.0	8,200.0	103
North Dakota	35.0	42.0	120	113.0	113.0	100	148.0	155.0	105
Ohio	190.0	190.0	100	2,610.0	2,460.0	94	2,800.0	2,650.0	95
Oklahoma	460.0	490.0	107	1,630.0	1,640.0	101	2,090.0	2,130.0	102
Oregon	1.5	2.0	133	7.0	7.0	100	8.5	9.0	106
Pennsylvania	145.0	135.0	93	1,165.0	1,205.0	103	1,310.0	1,340.0	102
Rhode Island	0.4	0.1	25	1.6	1.3	81	2.0	1.4	70
South Carolina	7.0	8.0	114	135.0	150.0	111	142.0	158.0	111
South Dakota	265.0	290.0	109	1,745.0	1,790.0	103	2,010.0	2,080.0	103
Tennessee	30.0	30.0	100	275.0	250.0	91	305.0	280.0	92
Texas	150.0	160.0	107	940.0	1,040.0	111	1,090.0	1,200.0	110
Utah	85.0	35.0	41	855.0	475.0	56	940.0	510.0	54
Vermont	1.0	0.8	80	4.0	3.2	80	5.0	4.0	80
Virginia	5.0	6.0	120	260.0	284.0	109	265.0	290.0	109
Washington	3.0	3.0	100	21.0	14.0	67	24.0	17.0	71
West Virginia	1.0	1.5	150	2.5	3.5	140	3.5	5.0	143
Wisconsin	47.0	51.0	109	318.0	294.0	92	365.0	345.0	95
Wyoming	46.0	49.0	107	59.0	59.0	100	105.0	108.0	103
Other States ¹	8.0	7.1	(NA)	20.0	26.4	(NA)	28.0	33.5	(NA)
United States	6,124.8	6,153.6	100	68,321.3	66,965.7	98	74,446.1	73,119.3	98

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

(NA) Not available.

¹ Includes data for States not published in this table.

Market Inventory by Weight Group – States and United States: December 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)
Alabama	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Alaska	0.6	0.4	0.4	0.4	0.3	0.3	0.2	0.2
Arizona	39.0	38.0	32.0	31.0	32.0	31.0	33.0	32.0
Arkansas	53.0	82.0	9.0	10.0	3.0	2.0	6.0	7.0
California	21.0	20.0	18.0	20.0	16.0	18.0	20.0	20.0
Colorado	230.0	200.0	95.0	75.0	60.0	45.0	90.0	65.0
Connecticut	1.3	1.1	0.4	0.3	0.4	0.4	1.0	0.6
Delaware	0.8	0.6	0.2	0.1	0.2	0.1	0.2	0.4
Florida	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Georgia	12.0	15.0	8.0	5.0	4.0	2.0	9.0	3.0
Hawaii	3.0	1.0	1.5	2.0	1.5	1.0	1.0	1.0
Idaho	12.0	8.5	3.0	3.5	3.0	3.0	2.0	2.0
Illinois	1,400.0	1,310.0	1,575.0	1,540.0	1,075.0	915.0	760.0	875.0
Indiana	1,040.0	1,040.0	1,170.0	1,190.0	935.0	940.0	955.0	920.0
Iowa	5,970.0	5,910.0	7,290.0	7,040.0	5,340.0	5,340.0	4,380.0	4,380.0
Kansas	435.0	420.0	450.0	400.0	355.0	320.0	585.0	575.0
Kentucky	115.0	123.0	115.0	100.0	80.0	96.0	75.0	81.0
Louisiana	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Maine	1.1	1.1	0.8	0.7	0.7	1.0	1.0	0.7
Maryland	4.5	6.5	5.0	5.5	4.0	3.5	5.0	5.5
Massachusetts	2.1	2.4	2.0	1.8	1.1	0.9	1.3	0.9
Michigan	320.0	340.0	275.0	300.0	210.0	240.0	245.0	245.0
Minnesota	2,800.0	2,730.0	2,550.0	2,450.0	1,590.0	1,540.0	1,410.0	1,390.0
Mississippi	101.0	103.0	7.0	8.0	5.0	9.0	7.0	7.0
Missouri	1,430.0	1,240.0	550.0	530.0	640.0	590.0	410.0	410.0
Montana	99.0	104.0	30.0	26.0	23.0	21.0	26.0	24.0
Nebraska	1,080.0	1,060.0	880.0	840.0	695.0	680.0	565.0	520.0
Nevada	0.1	(D)	1.0	(D)	0.8	(D)	0.5	(D)
New Hampshire	0.4	0.4	0.6	1.1	0.8	0.9	0.9	1.1
New Jersey	1.2	1.8	1.0	2.1	1.3	1.2	2.0	1.3
New Mexico	0.5	0.3	0.2	0.5	0.1	0.1	0.2	0.1
New York	11.0	6.0	21.0	7.5	13.0	7.0	10.0	14.5
North Carolina	2,890.0	2,910.0	1,460.0	1,640.0	1,355.0	1,430.0	1,485.0	1,420.0
North Dakota	57.0	60.0	21.0	22.0	16.0	15.0	19.0	16.0
Ohio	730.0	720.0	640.0	630.0	585.0	510.0	655.0	600.0
Oklahoma	770.0	810.0	350.0	310.0	170.0	210.0	340.0	310.0
Oregon	2.0	2.0	1.5	2.0	1.0	1.0	2.5	2.0
Pennsylvania	320.0	325.0	360.0	375.0	250.0	270.0	235.0	235.0
Rhode Island	0.3	0.2	0.5	0.5	0.4	0.2	0.4	0.4
South Carolina	26.0	24.0	36.0	43.0	36.0	42.0	37.0	41.0
South Dakota	670.0	720.0	400.0	410.0	320.0	310.0	355.0	350.0
Tennessee	65.0	68.0	88.0	67.0	64.0	55.0	58.0	60.0
Texas	300.0	380.0	235.0	260.0	165.0	180.0	240.0	220.0
Utah	340.0	120.0	170.0	115.0	170.0	120.0	175.0	120.0
Vermont	0.8	0.8	1.2	0.8	1.0	0.7	1.0	0.9
Virginia	56.0	73.0	68.0	75.0	68.0	64.0	68.0	72.0
Washington	5.0	5.0	5.0	3.5	5.0	2.5	6.0	3.0
West Virginia	0.5	1.5	0.5	1.0	0.5	0.5	1.0	0.5
Wisconsin	112.0	100.0	70.0	66.0	73.0	71.0	63.0	57.0
Wyoming	56.0	56.0	1.0	1.0	1.0	1.0	1.0	1.0
Other States ¹	9.0	11.0	5.0	7.0	2.0	2.8	4.0	5.6
United States	21,594.2	21,152.6	19,004.8	18,620.3	14,374.1	14,095.1	13,348.2	13,097.7

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

¹ Includes data for States not published in this table.

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	4,000	99	4,300	4,250	99
Iowa	940	900	96	22,660	22,200	98	23,600	23,100	98
Kansas	170	155	91	1,820	1,715	94	1,990	1,870	94
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	1,740	103	1,980	2,020	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 ¹	435	448	103	2,338	2,361	101	2,773	2,809	101
United States	6,215	6,098	98	67,718	66,591	98	73,933	72,689	98

¹ 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	1,020	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	405	355	345	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	695	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 ¹	923	910	503	520	445	458	466	473
United States	20,238	20,105	19,138	19,030	15,375	14,988	12,966	12,468

¹ 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	4,630	100	5,300	5,250	99
Indiana	260	250	96	3,940	4,050	103	4,200	4,300	102
Iowa	910	940	103	22,790	22,060	97	23,700	23,000	97
Kansas	175	155	89	1,775	1,765	99	1,950	1,920	98
Michigan	115	110	96	1,095	1,070	98	1,210	1,180	98
Minnesota	540	520	96	8,260	7,780	94	8,800	8,300	94
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	1,830	108	1,960	2,120	108
Texas	130	160	123	850	900	106	980	1,060	108
Utah	85	80	94	865	880	102	950	960	101
Other States ¹	435	448	103	2,328	2,386	102	2,763	2,834	103
United States	6,220	6,168	99	66,933	66,146	99	73,153	72,314	99

¹ 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	1,350	1,550	1,550	935	965	810	765
Indiana	970	1,040	1,220	1,150	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	340	525	565
Michigan	330	310	290	295	220	230	255	235
Minnesota	2,740	2,640	2,630	2,440	1,550	1,460	1,340	1,240
Missouri	1,350	1,240	510	540	560	620	405	370
Nebraska	1,060	1,000	840	840	590	690	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	765	340	305	165	165	315	315
Pennsylvania	335	330	330	365	230	285	255	230
South Dakota	685	765	395	390	275	315	335	360
Texas	245	275	210	245	170	145	225	235
Utah	360	350	170	175	170	175	165	180
Other States ¹	904	908	509	546	445	452	469	480
United States	21,354	20,903	18,919	18,691	13,830	13,827	12,829	12,725

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

Breeding, Market, and Total Inventory – States and United States: September 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	125	83	510	375	74	660	500	76
Illinois	660	590	89	4,740	4,610	97	5,400	5,200	96
Indiana	250	250	100	4,050	4,100	101	4,300	4,350	101
Iowa	900	930	103	23,200	22,470	97	24,100	23,400	97
Kansas	165	160	97	1,885	1,770	94	2,050	1,930	94
Michigan	115	110	96	1,115	1,080	97	1,230	1,190	97
Minnesota	530	510	96	8,270	8,290	100	8,800	8,800	100
Missouri	420	430	102	2,980	2,870	96	3,400	3,300	97
Nebraska	460	410	89	3,190	3,090	97	3,650	3,500	96
North Carolina	810	820	101	7,490	7,480	100	8,300	8,300	100
Ohio	190	190	100	2,360	2,460	104	2,550	2,650	104
Oklahoma	470	510	109	1,730	1,750	101	2,200	2,260	103
Pennsylvania	145	140	97	1,205	1,200	100	1,350	1,340	99
South Dakota	265	300	113	1,745	1,780	102	2,010	2,080	103
Texas	140	170	121	950	1,030	108	1,090	1,200	110
Utah	85	55	65	885	765	86	970	820	85
Other States ¹	435	452	104	2,372	2,413	102	2,807	2,865	102
United States	6,190	6,152	99	68,677	67,533	98	74,867	73,685	98

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

Market Inventory by Weight Group – States and United States: September 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	235	195	110	55	55	40	110	85
Illinois	1,310	1,270	1,640	1,550	1,005	955	785	835
Indiana	990	1,090	1,260	1,230	875	890	925	890
Iowa	6,010	5,680	7,760	7,760	5,470	5,180	3,960	3,850
Kansas	455	445	430	440	410	340	590	545
Michigan	330	325	315	295	225	225	245	235
Minnesota	2,680	2,780	2,830	2,750	1,580	1,600	1,180	1,160
Missouri	1,410	1,270	565	540	605	640	400	420
Nebraska	1,080	1,040	890	840	650	670	570	540
North Carolina	3,090	3,030	1,670	1,630	1,340	1,410	1,390	1,410
Ohio	700	740	680	640	440	510	540	570
Oklahoma	850	870	350	390	220	190	310	300
Pennsylvania	325	335	380	355	275	280	225	230
South Dakota	660	765	410	365	305	285	370	365
Texas	290	345	250	260	150	150	260	275
Utah	345	220	180	180	180	180	180	185
Other States ¹	930	943	491	507	461	468	489	495
United States	21,690	21,343	20,211	19,787	14,246	14,013	12,529	12,390

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

Annual Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-November 2021 and 2022

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

State	Sows farrowing			Pigs per litter		Pig crop		
	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)
Alabama	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Alaska	0.40	0.40	100	8.00	7.75	3.20	3.10	97
Arizona	26.50	26.50	100	9.96	10.98	264.00	291.00	110
Arkansas	82.00	79.00	96	11.48	11.28	941.00	891.00	95
California	13.50	13.00	96	3.56	3.54	48.00	46.00	96
Colorado	293.00	252.00	86	10.31	9.98	3,022.00	2,514.00	83
Connecticut	0.70	0.40	57	9.00	8.75	6.30	3.50	56
Delaware	4.00	4.00	100	10.00	10.25	40.00	41.00	103
Florida	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Georgia	20.00	21.00	105	10.30	10.57	206.00	222.00	108
Hawaii	2.50	3.50	140	4.40	4.14	11.00	15.00	136
Idaho	12.30	12.50	102	10.00	9.92	123.00	124.00	101
Illinois	1,065.00	1,065.00	100	10.85	10.69	11,559.00	11,383.00	98
Indiana	505.00	490.00	97	10.85	10.72	5,481.00	5,251.00	96
Iowa	2,025.00	1,985.00	98	11.39	11.48	23,063.00	22,784.00	99
Kansas	345.00	331.00	96	10.57	10.57	3,648.00	3,500.00	96
Kentucky	96.00	100.00	104	10.44	10.40	1,002.00	1,040.00	104
Louisiana	1.20	1.20	100	6.00	6.00	7.20	7.20	100
Maine	1.10	0.80	73	7.09	7.38	7.80	5.90	76
Maryland	4.00	4.00	100	10.00	10.00	40.00	40.00	100
Massachusetts	1.60	1.60	100	7.75	7.75	12.00	12.00	100
Michigan	205.00	210.00	102	10.87	10.98	2,229.00	2,305.00	103
Minnesota	1,090.00	1,060.00	97	11.76	11.93	12,816.00	12,642.00	99
Mississippi	114.00	116.00	102	11.15	11.15	1,271.00	1,293.00	102
Missouri	885.00	890.00	101	10.95	10.82	9,692.00	9,631.00	99
Montana	83.00	101.00	122	11.90	12.23	988.00	1,235.00	125
Nebraska	765.00	745.00	97	11.70	11.51	8,949.00	8,578.00	96
Nevada	0.40	(D)	(D)	4.50	(D)	1.80	(D)	(D)
New Hampshire	0.40	0.40	100	8.00	7.75	3.20	3.10	97
New Jersey	0.80	0.80	100	6.50	6.38	5.20	5.10	98
New Mexico	0.40	0.40	100	6.00	9.00	2.40	3.60	150
New York	11.00	7.00	64	8.82	10.29	97.00	72.00	74
North Carolina	1,695.00	1,660.00	98	10.61	10.74	17,985.00	17,804.00	99
North Dakota	74.00	86.50	117	11.15	11.51	825.00	996.00	121
Ohio	388.00	370.00	95	10.91	11.38	4,235.00	4,210.00	99
Oklahoma	800.00	820.00	103	10.43	10.22	8,345.00	8,383.00	100
Oregon	1.30	1.50	115	8.46	8.13	11.00	12.00	109
Pennsylvania	194.00	195.00	101	11.36	11.50	2,204.00	2,242.00	102
Rhode Island	0.40	0.40	100	7.75	7.00	3.10	2.80	90
South Carolina	13.50	14.60	108	10.52	10.21	142.00	149.00	105
South Dakota	526.00	548.00	104	12.37	12.48	6,509.00	6,840.00	105
Tennessee	62.50	65.00	104	12.00	11.57	750.00	752.00	100
Texas	274.00	280.00	102	10.28	9.99	2,816.00	2,798.00	99
Utah	179.00	135.00	75	10.45	11.50	1,871.00	1,553.00	83
Vermont	0.80	0.80	100	6.50	6.63	5.20	5.30	102
Virginia	5.40	6.40	119	11.30	10.78	61.00	69.00	113
Washington	3.00	2.30	77	8.40	10.00	25.00	23.00	92
West Virginia	0.70	1.00	143	8.29	8.60	5.80	8.60	148
Wisconsin	93.00	92.00	99	11.39	11.50	1,059.00	1,058.00	100
Wyoming	89.00	92.00	103	10.10	9.36	899.00	861.00	96
Other States ¹	8.50	10.10	(NA)	8.12	7.92	69.00	80.00	(NA)
United States	12,061.90	11,902.10	99	11.06	11.07	133,359.20	131,788.20	99

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

(NA) Not available.

¹ Includes data for States not published in this table.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2021-2023

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

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2021	2022	2023 ²	2023 as percent of 2022	2021	2022	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	78	66	60	91	9.90	9.90	772	653	85
Illinois	265	260	285	110	10.95	10.60	2,902	2,756	95
Indiana	120	120	125	104	10.70	10.40	1,284	1,248	97
Iowa	485	475	500	105	11.30	11.30	5,481	5,368	98
Kansas	84	82	84	102	10.50	10.10	882	828	94
Michigan	52	52	53	102	10.90	11.10	567	577	102
Minnesota	250	260	240	92	11.80	11.70	2,950	3,042	103
Missouri	215	220	220	100	11.00	10.70	2,365	2,354	100
Nebraska	180	190	185	97	11.85	11.70	2,133	2,223	104
North Carolina	420	405	405	100	10.55	10.50	4,431	4,253	96
Ohio	87	95	97	102	10.40	11.50	905	1,093	121
Oklahoma	200	195	195	100	10.10	9.65	2,020	1,882	93
Pennsylvania	46	51	46	90	11.10	11.40	511	581	114
South Dakota	134	128	140	109	11.90	12.55	1,595	1,606	101
Texas	69	63	72	114	10.10	10.60	697	668	96
Utah	44	43	18	42	10.10	10.60	444	456	103
Other States ³	200	214	222	104	10.59	11.03	2,120	2,359	111
United States	2,929	2,919	2,947	101	10.94	10.95	32,059	31,947	100

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

² Intentions.

³ Individual State estimates not available for the 34 Other States.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2021-2023

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2021	2022	2023 ²	2023 as percent of 2022	2021	2022	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	73	61	65	107	10.40	9.80	759	598	79
Illinois	260	260	270	104	10.85	10.70	2,821	2,782	99
Indiana	125	120	130	108	10.90	10.70	1,363	1,284	94
Iowa	510	500	515	103	11.40	11.45	5,814	5,725	98
Kansas	88	85	85	100	10.20	10.40	898	884	98
Michigan	50	51	54	106	10.70	10.80	535	551	103
Minnesota	280	265	240	91	11.90	11.85	3,332	3,140	94
Missouri	225	225	220	98	10.90	10.70	2,453	2,408	98
Nebraska	190	185	185	100	11.60	11.60	2,204	2,146	97
North Carolina	430	420	405	96	10.30	10.40	4,429	4,368	99
Ohio	91	90	94	104	10.40	11.30	946	1,017	108
Oklahoma	210	200	205	103	10.10	10.20	2,121	2,040	96
Pennsylvania	47	50	48	96	11.40	11.50	536	575	107
South Dakota	131	135	144	107	12.50	12.70	1,638	1,715	105
Texas	68	61	79	130	9.30	10.10	632	616	97
Utah	45	45	18	40	10.60	10.70	477	482	101
Other States ³	211	214	224	104	10.77	10.76	2,275	2,304	101
United States	3,034	2,967	2,981	100	10.95	11.00	33,233	32,635	98

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

² Intentions.

³ Individual State estimates not available for the 34 Other States.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2021 and 2022

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	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	72	65	90	10.50	10.10	756	657	87
Illinois	285	265	93	10.90	10.75	3,107	2,849	92
Indiana	130	120	92	10.70	10.85	1,391	1,302	94
Iowa	505	500	99	11.40	11.60	5,757	5,800	101
Kansas	88	84	95	10.80	10.90	950	916	96
Michigan	53	53	100	10.80	10.90	572	578	101
Minnesota	265	260	98	11.80	12.10	3,127	3,146	101
Missouri	220	230	105	10.70	10.70	2,354	2,461	105
Nebraska	200	185	93	11.65	11.25	2,330	2,081	89
North Carolina	430	425	99	10.70	10.85	4,601	4,611	100
Ohio	104	95	91	11.20	11.40	1,165	1,083	93
Oklahoma	200	215	108	10.90	10.20	2,180	2,193	101
Pennsylvania	49	48	98	11.50	11.60	564	557	99
South Dakota	128	142	111	12.60	12.60	1,613	1,789	111
Texas	69	76	110	11.10	9.40	766	714	93
Utah	46	32	70	10.60	13.80	488	442	91
Other States ²	206	217	106	10.82	10.76	2,223	2,337	105
United States	3,050	3,012	99	11.13	11.13	33,944	33,516	99

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

² Individual State estimates not available for the 34 Other States.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2021 and 2022

[May not add due to rounding]

State	Sows Farrowing			Pigs per litter		Pig crop ¹		
	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	70	60	86	10.50	10.10	735	606	82
Illinois	255	280	110	10.70	10.70	2,729	2,996	110
Indiana	130	130	100	11.10	10.90	1,443	1,417	98
Iowa	525	510	97	11.45	11.55	6,011	5,891	98
Kansas	85	80	94	10.80	10.90	918	872	95
Michigan	50	54	108	11.10	11.10	555	599	108
Minnesota	295	275	93	11.55	12.05	3,407	3,314	97
Missouri	225	215	96	11.20	11.20	2,520	2,408	96
Nebraska	195	185	95	11.70	11.50	2,282	2,128	93
North Carolina	415	410	99	10.90	11.15	4,524	4,572	101
Ohio	106	90	85	11.50	11.30	1,219	1,017	83
Oklahoma	190	210	111	10.65	10.80	2,024	2,268	112
Pennsylvania	52	46	88	11.40	11.50	593	529	89
South Dakota	133	143	108	12.50	12.10	1,663	1,730	104
Texas	68	80	118	10.60	10.00	721	800	111
Utah	44	15	34	10.50	11.50	462	173	37
Other States ²	211	221	105	10.98	10.73	2,317	2,371	102
United States	3,049	3,004	99	11.19	11.22	34,123	33,691	99

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

² Individual State estimates not available for the 34 Other States.

Statistical Methodology

Survey Procedures: A random sample of roughly 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 2022, data were collected from about 4,200 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 December 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 73.1 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	804	85	2,500	6	14
Pig crop	1.9	3.3	465	14	1,502	10	10
Expected farrowings							
Second intentions	2.4	4.1	54	2	189	10	10
First intentions	2.5	4.3	58	0	182	8	12

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 ¹	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 ¹	11.00	2020	1970
March-May	11.00	2022	1970
June-August	11.13	2022	1970
September-November	11.22	2022	1970

¹ December preceding year.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov.

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Ryan Cowen – Cattle, Cattle on Feed	(202) 720-3040
Anthony Fischer – Hogs and Pigs	(202) 720-3106
Mike Miller – Milk Production and Milk Cows	(202) 720-3278
Suzanne Richards – Dairy Products	(202) 720-4448
Vacant – Sheep and Goats	(202) 690-3236

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For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov.
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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