



Quarterly Hogs and Pigs

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United States Hog Inventory Up Slightly

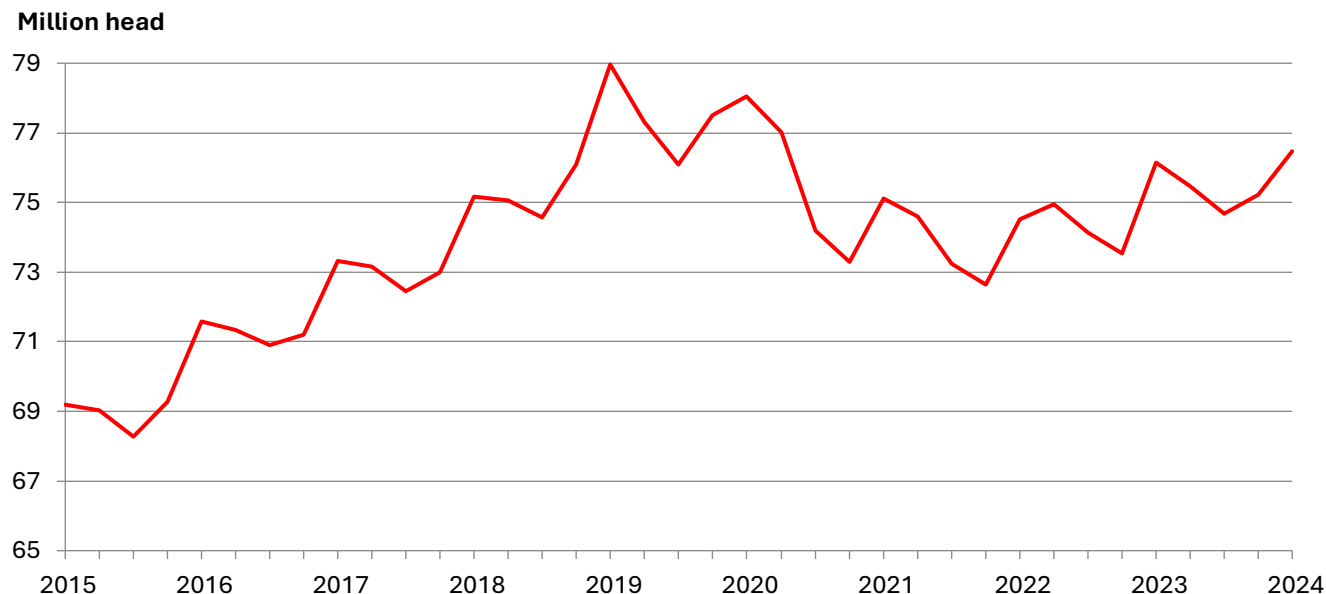
United States inventory of all hogs and pigs on September 1, 2024 was 76.5 million head. This was up slightly from September 1, 2023, and up 2 percent from June 1, 2024.

Breeding inventory, at 6.04 million head, was down 2 percent from last year, but up 1 percent from the previous quarter.

Market hog inventory, at 70.4 million head, was up 1 percent from last year, and up 2 percent from last quarter.

The June-August 2024 pig crop, at 35.0 million head, was down 1 percent from 2023. Sows farrowing during this period totaled 2.99 million head, down 2 percent from 2023. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was 11.72 for the June-August period, compared to 11.61 last year.

Quarterly Hogs and Pigs Inventory - United States: September 1



United States hog producers intend to have 2.96 million sows farrow during the September-November 2024 quarter, down slightly from the actual farrowings during the same period one year earlier, and down 4 percent from the same period two years earlier. Intended farrowings for December 2024-February 2025, at 2.93 million sows, are up slightly from the same period one year earlier, but down 1 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 53 percent of the total United States hog inventory, up 1 percent from the previous year.

Revisions

All inventory and pig crop estimates for September 2023 through June 2024 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the June 2024 all hogs and pigs inventory was 1.0 percent. A revision of 0.3 percent was made to the March 2024-May 2024 pig crop. A net revision of 0.2 percent was made to the March 2024 all hogs and pigs inventory. The net revision made to the December 2023-February 2024 pig crop was 1.8 percent.

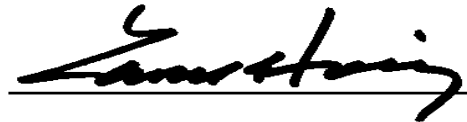
Records

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

This report was approved on September 26, 2024.



Secretary of Agriculture
Designate
Jason Hafemeister



Agricultural Statistics Board
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Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2023 and 2024

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

Item	2023	2024	2024 as percent of 2023
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory			
All hogs and pigs	74,136	74,691	101
Kept for breeding.....	6,146	6,016	98
Market	67,990	68,676	101
Market hogs and pigs by weight groups			
Under 50 pounds.....	20,444	21,369	105
50-119 pounds.....	19,049	19,113	100
120-179 pounds.....	15,749	15,754	100
180 pounds and over	12,748	12,440	98
June 1 inventory			
All hogs and pigs	73,551	75,211	102
Kept for breeding.....	6,206	6,008	97
Market	67,345	69,204	103
Market hogs and pigs by weight groups			
Under 50 pounds.....	21,284	21,589	101
50-119 pounds.....	18,982	19,408	102
120-179 pounds.....	14,344	15,190	106
180 pounds and over	12,735	13,017	102
September 1 inventory			
All hogs and pigs	76,133	76,480	100
Kept for breeding.....	6,179	6,044	98
Market	69,954	70,437	101
Market hogs and pigs by weight groups			
Under 50 pounds.....	22,542	22,194	98
50-119 pounds.....	20,505	20,232	99
120-179 pounds.....	14,492	14,997	103
180 pounds and over	12,415	13,014	105
December 1 inventory			
All hogs and pigs	75,461		
Kept for breeding.....	5,999		
Market	69,463		
Market hogs and pigs by weight groups			
Under 50 pounds.....	21,571		
50-119 pounds.....	19,154		
120-179 pounds.....	14,908		
180 pounds and over	13,829		

Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2022-2025

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

Item	2022	2023	2024	2025	2024 as percent of		2025 as percent of 2024
					2022	2023	
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)	(percent)
Sows farrowing							
December-February ²	2,919	2,952	2,928	2,933	100	99	100
March-May	2,967	2,941	2,953		100	100	
December-May ¹	5,886	5,893	5,881		100	100	
June-August	3,082	3,040	2,989		97	98	
September-November ³	3,092	2,962	2,959		96	100	
June-November ^{1 4}	6,174	6,002	5,948		96	99	
Pig crop							
December-February	31,947	32,537	33,757		106	104	
March-May	32,635	33,414	34,123		105	102	
December-May ¹	64,582	65,951	67,879		105	103	
June-August	34,319	35,295	35,030		102	99	
September-November	34,701	34,538					
June-November ¹	69,019	69,833					
	(number)	(number)	(number)	(number)	(percent)	(percent)	(percent)
Pigs per litter							
December-February	10.95	11.02	11.53		105	105	
March-May	11.00	11.36	11.56		105	102	
December-May	10.97	11.19	11.54		105	103	
June-August	11.13	11.61	11.72		105	101	
September-November	11.22	11.66					
June-November	11.18	11.64					

¹ May not add due to rounding.

² Intentions for 2025.

³ Intentions for 2024.

⁴ Actual farrowings for June-August plus intentions for September-November.

Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2023 and 2024

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

Month	Sows farrowing ¹		Pigs per litter		Pig crop ¹	
	2023	2024	2023	2024	2023	2024
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December	995	987	11.09	11.58	11,035	11,432
January	996	972	10.83	11.52	10,784	11,196
February	961	969	11.15	11.49	10,718	11,129
March	997	997	11.20	11.51	11,174	11,471
April	975	980	11.43	11.49	11,138	11,254
May	969	976	11.46	11.68	11,102	11,397
June	1,040	1,025	11.47	11.71	11,930	12,001
July	1,003	986	11.67	11.72	11,709	11,551
August	997	978	11.69	11.73	11,656	11,478
September	1,011		11.56		11,686	
October	987		11.66		11,507	
November	964		11.77		11,344	
Total	11,894		11.42		135,784	

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

Breeding, Market, and Total Inventory – States and United States: March 1, 2023 and 2024

[May not add due to rounding]

State	Breeding			Market			Total		
	2023	2024	2024 as percent of 2023	2023	2024	2024 as percent of 2023	2023	2024	2024 as percent of 2023
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	140	170	121	440	440	100	580	610	105
Illinois	650	670	103	4,800	4,930	103	5,450	5,600	103
Indiana	250	250	100	4,150	4,150	100	4,400	4,400	100
Iowa	900	820	91	22,900	24,380	106	23,800	25,200	106
Kansas	150	175	117	1,710	1,815	106	1,860	1,990	107
Michigan	115	115	100	1,125	1,075	96	1,240	1,190	96
Minnesota	500	480	96	8,700	8,620	99	9,200	9,100	99
Missouri	470	425	90	2,880	2,825	98	3,350	3,250	97
Nebraska	395	400	101	3,205	3,350	105	3,600	3,750	104
North Carolina	790	760	96	7,310	6,640	91	8,100	7,400	91
Ohio	200	180	90	2,500	2,320	93	2,700	2,500	93
Oklahoma	480	470	98	1,660	1,600	96	2,140	2,070	97
Pennsylvania	135	150	111	1,185	1,310	111	1,320	1,460	111
South Dakota	305	325	107	1,805	1,975	109	2,110	2,300	109
Texas	170	135	79	1,010	905	90	1,180	1,040	88
Utah	35	35	100	255	55	22	290	90	31
Other States ¹	461	456	99	2,355	2,286	97	2,816	2,741	97
United States	6,146	6,016	98	67,990	68,676	101	74,136	74,691	101

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

Market Inventory by Weight Group – States and United States: March 1, 2023 and 2024

[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	
	2023	2024	2023	2024	2023	2024	2023	2024
	(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	225	230	90	80	55	55	70	75
Illinois	1,335	1,510	1,580	1,560	1,135	1,140	750	720
Indiana	1,090	1,070	1,220	1,250	1,000	1,030	840	800
Iowa	5,420	6,030	7,240	7,550	5,930	6,160	4,310	4,640
Kansas	410	480	385	425	355	385	560	525
Michigan	330	330	305	295	250	220	240	230
Minnesota	2,610	2,830	2,660	2,580	2,040	2,010	1,390	1,200
Missouri	1,310	1,245	530	585	650	660	390	335
Nebraska	1,010	1,135	910	930	750	780	535	505
North Carolina	2,730	2,600	1,580	1,460	1,570	1,350	1,430	1,230
Ohio	705	680	630	600	580	520	585	520
Oklahoma	820	800	310	270	225	200	305	330
Pennsylvania	325	360	355	395	265	300	240	255
South Dakota	740	815	405	435	300	350	360	375
Texas	335	270	265	220	160	170	250	245
Utah	105	35	55	6	45	7	50	7
Other States ¹	944	949	529	472	439	417	443	448
United States	20,444	21,369	19,049	19,113	15,749	15,754	12,748	12,440

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

Breeding, Market, and Total Inventory – States and United States: June 1, 2023 and 2024

[May not add due to rounding]

State	Breeding			Market			Total		
	2023	2024	2024 as percent of 2023	2023	2024	2024 as percent of 2023	2023	2024	2024 as percent of 2023
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	145	165	114	435	485	111	580	650	112
Illinois	670	660	99	4,780	5,090	106	5,450	5,750	106
Indiana	260	250	96	4,190	4,150	99	4,450	4,400	99
Iowa	910	820	90	22,990	23,980	104	23,900	24,800	104
Kansas	155	170	110	1,755	1,850	105	1,910	2,020	106
Michigan	115	115	100	1,125	1,095	97	1,240	1,210	98
Minnesota	520	500	96	8,380	9,000	107	8,900	9,500	107
Missouri	455	415	91	2,795	2,985	107	3,250	3,400	105
Nebraska	400	390	98	3,350	3,260	97	3,750	3,650	97
North Carolina	800	770	96	7,000	6,930	99	7,800	7,700	99
Ohio	190	180	95	2,410	2,270	94	2,600	2,450	94
Oklahoma	470	480	102	1,710	1,610	94	2,180	2,090	96
Pennsylvania	140	145	104	1,210	1,285	106	1,350	1,430	106
South Dakota	315	335	106	1,885	1,935	103	2,200	2,270	103
Texas	180	130	72	950	950	100	1,130	1,080	96
Utah	30	35	117	255	75	29	285	110	39
Other States ¹	451	448	99	2,125	2,254	106	2,576	2,701	105
United States	6,206	6,008	97	67,345	69,204	103	73,551	75,211	102

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

Market Inventory by Weight Group – States and United States: June 1, 2023 and 2024

[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	
	2023	2024	2023	2024	2023	2024	2023	2024
	(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	200	240	100	100	60	70	75	75
Illinois	1,340	1,500	1,610	1,670	1,040	1,140	790	780
Indiana	1,080	1,050	1,260	1,230	980	970	870	900
Iowa	6,150	6,250	7,130	7,420	5,300	5,680	4,410	4,630
Kansas	450	450	405	450	350	390	550	560
Michigan	340	335	300	290	235	235	250	235
Minnesota	2,850	2,890	2,590	2,820	1,600	1,860	1,340	1,430
Missouri	1,290	1,310	540	620	610	665	355	390
Nebraska	1,070	1,040	950	880	750	730	580	610
North Carolina	2,720	2,720	1,530	1,460	1,420	1,450	1,330	1,300
Ohio	690	620	610	580	560	520	550	550
Oklahoma	840	770	360	330	195	210	315	300
Pennsylvania	315	365	385	390	290	300	220	230
South Dakota	755	815	410	425	345	340	375	355
Texas	265	285	275	250	165	195	245	220
Utah	105	53	55	7	45	8	50	7
Other States ¹	824	896	472	486	399	427	430	445
United States	21,284	21,589	18,982	19,408	14,344	15,190	12,735	13,017

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

Breeding, Market, and Total Inventory – States and United States: September 1, 2023 and 2024

[May not add due to rounding]

State	Breeding			Market			Total		
	2023	2024	2024 as percent of 2023	2023	2024	2024 as percent of 2023	2023	2024	2024 as percent of 2023
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	140	140	100	470	490	104	610	630	103
Illinois	670	650	97	4,830	4,950	102	5,500	5,600	102
Indiana	270	250	93	4,330	4,250	98	4,600	4,500	98
Iowa	900	830	92	24,000	24,670	103	24,900	25,500	102
Kansas	175	170	97	1,815	1,810	100	1,990	1,980	99
Michigan	115	110	96	1,165	1,060	91	1,280	1,170	91
Minnesota	510	520	102	8,590	8,880	103	9,100	9,400	103
Missouri	420	420	100	3,030	3,030	100	3,450	3,450	100
Nebraska	410	420	102	3,390	3,230	95	3,800	3,650	96
North Carolina	800	780	98	7,300	7,420	102	8,100	8,200	101
Ohio	200	190	95	2,500	2,360	94	2,700	2,550	94
Oklahoma	460	470	102	1,800	1,660	92	2,260	2,130	94
Pennsylvania	145	155	107	1,295	1,325	102	1,440	1,480	103
South Dakota	320	320	100	1,900	1,940	102	2,220	2,260	102
Texas	160	150	94	1,050	980	93	1,210	1,130	93
Utah	30	35	117	260	70	27	290	105	36
Other States ¹	454	434	96	2,229	2,312	104	2,683	2,745	102
United States	6,179	6,044	98	69,954	70,437	101	76,133	76,480	100

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

Market Inventory by Weight Group – States and United States: September 1, 2023 and 2024

[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	
	2023	2024	2023	2024	2023	2024	2023	2024
	(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	210	230	110	95	65	65	85	100
Illinois	1,425	1,450	1,515	1,560	1,090	1,160	800	780
Indiana	1,120	1,110	1,330	1,220	1,000	1,030	880	890
Iowa	6,430	6,510	8,140	8,160	5,230	5,480	4,200	4,520
Kansas	490	470	430	430	355	380	540	530
Michigan	355	310	320	295	240	225	250	230
Minnesota	2,960	2,930	2,790	2,850	1,710	1,750	1,130	1,350
Missouri	1,310	1,300	620	575	680	685	420	470
Nebraska	1,130	1,020	960	890	720	720	580	600
North Carolina	2,990	2,930	1,570	1,590	1,390	1,480	1,350	1,420
Ohio	760	670	650	610	530	520	560	560
Oklahoma	885	810	385	335	240	220	290	295
Pennsylvania	370	380	410	425	310	315	205	205
South Dakota	780	810	420	420	320	350	380	360
Texas	370	320	300	275	150	165	230	220
Utah	95	48	60	7	50	8	55	7
Other States ¹	862	896	495	495	412	444	460	477
United States	22,542	22,194	20,505	20,232	14,492	14,997	12,415	13,014

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

Breeding, Market, and Total Inventory – States and United States: December 1, 2022 and 2023

[May not add due to rounding]

State	Breeding			Market			Total		
	2022	2023	2023 as percent of 2022	2022	2023	2023 as percent of 2022	2022	2023	2023 as percent of 2022
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	145	140	97	385	460	119	530	600	113
Illinois	650	630	97	4,850	4,870	100	5,500	5,500	100
Indiana	270	270	100	4,180	4,230	101	4,450	4,500	101
Iowa	930	750	81	23,170	24,250	105	24,100	25,000	104
Kansas	175	170	97	1,735	1,800	104	1,910	1,970	103
Michigan	115	115	100	1,145	1,165	102	1,260	1,280	102
Minnesota	490	510	104	8,510	8,790	103	9,000	9,300	103
Missouri	440	430	98	2,910	2,670	92	3,350	3,100	93
Nebraska	410	400	98	3,190	3,400	107	3,600	3,800	106
North Carolina	800	780	98	7,500	7,120	95	8,300	7,900	95
Ohio	200	190	95	2,550	2,410	95	2,750	2,600	95
Oklahoma	490	485	99	1,690	1,635	97	2,180	2,120	97
Pennsylvania	135	160	119	1,225	1,300	106	1,360	1,460	107
South Dakota	300	345	115	1,810	1,955	108	2,110	2,300	109
Texas	160	150	94	1,070	990	93	1,230	1,140	93
Utah	35	30	86	475	175	37	510	205	40
Other States ¹	459	444	97	2,357	2,243	95	2,816	2,686	95
United States	6,204	5,999	97	68,752	69,463	101	74,956	75,461	101

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

Market Inventory by Weight Group – States and United States: December 1, 2022 and 2023

[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	
	2022	2023	2022	2023	2022	2023	2022	2023
	(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	200	205	75	100	45	65	65	90
Illinois	1,380	1,455	1,630	1,530	1,015	1,070	825	815
Indiana	1,060	1,080	1,220	1,260	980	960	920	930
Iowa	6,110	6,310	7,130	7,480	5,580	5,700	4,350	4,760
Kansas	420	450	420	420	320	360	575	570
Michigan	350	340	315	305	235	250	245	270
Minnesota	2,910	2,890	2,530	2,660	1,660	1,730	1,410	1,510
Missouri	1,300	1,160	560	490	640	630	410	390
Nebraska	1,060	1,130	880	890	730	770	520	610
North Carolina	2,950	2,760	1,700	1,520	1,430	1,370	1,420	1,470
Ohio	730	710	660	550	560	520	600	630
Oklahoma	830	740	320	345	230	210	310	340
Pennsylvania	330	355	380	410	290	280	225	255
South Dakota	740	790	410	420	310	350	350	395
Texas	380	270	270	270	200	170	220	280
Utah	120	55	115	40	120	40	120	40
Other States ¹	918	871	519	464	456	433	464	474
United States	21,788	21,571	19,134	19,154	14,801	14,908	13,029	13,829

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

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2023-2025

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

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2023	2024	2025 ²	2025 as percent of 2024	2023	2024	2023	2024	2024 as percent of 2023
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	60	64	65	102	9.90	10.00	594	640	108
Illinois	280	310	300	97	10.60	11.00	2,968	3,410	115
Indiana	125	120	130	108	11.25	11.30	1,406	1,356	96
Iowa	480	440	465	106	11.45	11.80	5,496	5,192	94
Kansas	80	85	78	92	10.25	11.55	820	982	120
Michigan	55	52	52	100	10.70	11.40	589	593	101
Minnesota	260	270	270	100	11.95	12.20	3,107	3,294	106
Missouri	230	220	210	95	10.60	11.30	2,438	2,486	102
Nebraska	180	190	190	100	11.25	12.10	2,025	2,299	114
North Carolina	410	400	390	98	10.70	11.15	4,387	4,460	102
Ohio	90	91	95	104	10.70	11.45	963	1,042	108
Oklahoma	205	185	185	100	10.15	10.90	2,081	2,017	97
Pennsylvania	47	46	54	117	11.40	11.80	536	543	101
South Dakota	142	161	153	95	12.80	12.80	1,818	2,061	113
Texas	73	67	62	93	11.40	11.70	832	784	94
Utah	14	12	16	133	9.60	11.90	134	143	107
Other States ³	221	215	218	101	10.61	11.40	2,343	2,455	105
United States	2,952	2,928	2,933	100	11.02	11.53	32,537	33,757	104

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 2023 and 2024

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2023	2024	2024 as percent of 2023	2023	2024	2023	2024	2024 as percent of 2023
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	62	75	121	10.40	10.20	645	765	119
Illinois	275	300	109	11.35	11.15	3,121	3,345	107
Indiana	125	120	96	11.10	11.55	1,388	1,386	100
Iowa	470	435	93	11.75	11.95	5,523	5,198	94
Kansas	80	87	109	10.80	11.60	864	1,009	117
Michigan	54	54	100	11.10	11.30	599	610	102
Minnesota	265	275	104	12.10	12.25	3,207	3,369	105
Missouri	225	225	100	11.10	11.20	2,498	2,520	101
Nebraska	180	180	100	11.40	11.90	2,052	2,142	104
North Carolina	405	400	99	11.00	11.35	4,455	4,540	102
Ohio	93	92	99	11.30	11.20	1,051	1,030	98
Oklahoma	205	195	95	10.70	11.10	2,194	2,165	99
Pennsylvania	47	48	102	11.45	12.00	538	576	107
South Dakota	141	164	116	12.90	12.90	1,819	2,116	116
Texas	74	64	86	11.20	11.10	829	710	86
Utah	16	17	106	10.90	9.70	174	165	95
Other States ²	224	222	99	10.98	11.18	2,457	2,477	101
United States	2,941	2,953	100	11.36	11.56	33,414	34,123	102

¹ Number of pigs born March-May that were still on hand June 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: June-August 2023 and 2024

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2023	2024	2024 as percent of 2023	2023	2024	2023	2024	2024 as percent of 2023
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	63	64	102	10.40	11.10	655	710	108
Illinois	295	300	102	11.60	11.50	3,422	3,450	101
Indiana	135	125	93	11.50	12.00	1,553	1,500	97
Iowa	480	460	96	11.80	11.95	5,664	5,497	97
Kansas	87	85	98	11.20	11.90	974	1,012	104
Michigan	55	52	95	11.10	11.20	611	582	95
Minnesota	270	280	104	12.10	12.10	3,267	3,388	104
Missouri	225	220	98	12.20	11.20	2,745	2,464	90
Nebraska	185	190	103	11.80	11.70	2,183	2,223	102
North Carolina	420	405	96	11.30	11.60	4,746	4,698	99
Ohio	100	98	98	11.50	11.10	1,150	1,088	95
Oklahoma	205	205	100	11.00	11.15	2,255	2,286	101
Pennsylvania	52	50	96	11.60	12.10	603	605	100
South Dakota	148	157	106	12.60	13.20	1,865	2,072	111
Texas	82	68	83	11.40	11.20	935	762	81
Utah	15	16	107	11.00	11.30	165	181	110
Other States ²	223	214	96	11.22	11.73	2,502	2,512	100
United States	3,040	2,989	98	11.61	11.72	35,295	35,030	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 2022-2024

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2022	2023	2024 ²	2024 as percent of 2023	2022	2023	2022	2023	2023 as percent of 2022
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	60	62	65	105	10.10	10.50	606	651	107
Illinois	290	295	295	100	10.75	11.40	3,118	3,363	108
Indiana	130	125	130	104	10.95	11.70	1,424	1,463	103
Iowa	535	455	475	104	11.55	11.80	6,179	5,369	87
Kansas	81	83	85	102	10.90	11.35	883	942	107
Michigan	56	57	53	93	11.10	11.40	622	650	105
Minnesota	280	280	270	96	12.00	12.05	3,360	3,374	100
Missouri	230	210	215	102	11.25	11.70	2,588	2,457	95
Nebraska	190	185	190	103	11.50	11.85	2,185	2,192	100
North Carolina	420	410	395	96	11.15	11.55	4,683	4,736	101
Ohio	95	98	96	98	11.30	11.20	1,074	1,098	102
Oklahoma	220	200	185	93	10.80	11.20	2,376	2,240	94
Pennsylvania	46	49	52	106	11.50	11.90	529	583	110
South Dakota	143	154	155	101	12.10	12.70	1,730	1,956	113
Texas	80	72	62	86	10.00	12.00	800	864	108
Utah	15	13	17	131	11.50	11.00	173	143	83
Other States ³	221	214	219	102	10.73	11.50	2,371	2,457	104
United States	3,092	2,962	2,959	100	11.22	11.66	34,701	34,538	100

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

² Intentions.

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

Statistical Methodology

Survey Procedures: A random sample of 4,535 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 September 2024, data were collected from about 3,100 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 September 1, 2024.

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 1.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 76.5 million head by more than 1.6 percent. Chances are 9 out of 10 that the difference will not exceed 2.8 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	1.6	2.8	968	15	2,350	12	8
Pig crop	1.9	3.3	546	14	1,211	14	6
Expected farrowings							
Second intentions	2.4	4.1	57	2	189	14	6
First intentions	2.4	4.1	63	8	182	11	9

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	76,104	2020	1988
June 1	77,514	2020	1964
September 1	78,963	2019	1988
December 1	83,741	1943	1866
Market			
March 1	69,629	2020	1988
June 1	71,038	2020	1964
September 1	72,503	2019	1988
December 1	70,846	2020	1963
Pig crop			
December-February ¹	34,919	2020	1970
March-May	34,595	2019	1970
June-August	36,370	2019	1970
September-November	34,987	2020	1970
Pigs per litter			
	(number)	(year)	(year)
December-February ¹	11.53	2024	1970
March-May	11.56	2024	1970
June-August	11.72	2024	1970
September-November	11.66	2023	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.

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
Kim DaPra – Milk Production and Milk Cows	(512) 501-3266
Donnie Fike – Dairy Products	(202) 690-3347
Ralph Mondesir – Hogs and Pigs	(202) 720-3106
Suzanne Richards – Sheep and Goats	(202) 720-4448

Access to NASS Reports

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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- 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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USDA Fall Data Users' Meeting

**Virtual Meeting
October 15 & 16, 2024
Starting at 12:00 pm ET**

USDA's National Agricultural Statistics Service (NASS) will hold a virtual meeting for users of U.S. domestic and international agriculture data. NASS is organizing the 2024 Fall Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and 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. Registration details will be coming soon.