



Quarterly Hogs and Pigs

ISSN: 1949-1921

Released December 23, 2020, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

United States Hog Inventory Down 1 Percent

United States inventory of all hogs and pigs on December 1, 2020 was 77.5 million head. This was down 1 percent from December 1, 2019, and down 1 percent from September 1, 2020.

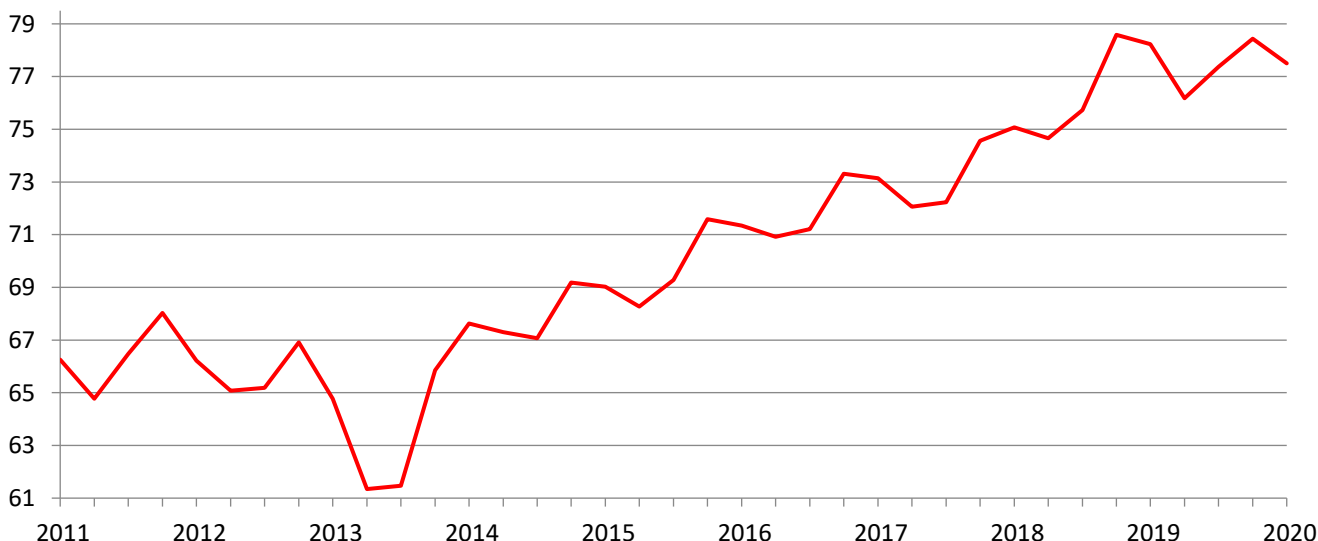
Breeding inventory, at 6.28 million head, was down 3 percent from last year, and down 1 percent from the previous quarter.

Market hog inventory, at 71.2 million head, was down 1 percent from last year, and down 1 percent from last quarter.

The September-November 2020 pig crop, at 35.0 million head, was down 1 percent from 2019. Sows farrowing during this period totaled 3.16 million head, down 1 percent from 2019. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was 11.05 for the September-November period, compared to 11.09 last year.

Quarterly Hogs and Pigs Inventory - United States: December 1

Million Head



United States hog producers intend to have 3.12 million sows farrow during the December 2020-February 2021 quarter, up 2 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 2021, at 3.12 million sows, are down 1 percent from the same period one year earlier, and down slightly 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, unchanged from the previous year.

Revisions

All inventory and pig crop estimates for March 2019 through September 2020 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the September 2020 all hogs and pigs inventory was 0.8 percent. A revision of 2.7 percent was made to the June-August 2020 pig crop. The net revision made to the June 2020 all hogs and pigs inventory was 2.9 percent. A net revision of 0.8 percent was made to the March-May 2020 pig crop. The net revision made to the March 2020 all hogs and pigs inventory was 1.9 percent. A net revision of 2.8 percent was made to the December 2019-February 2020 pig crop. The net revision made to the December 2019 all hogs and pigs inventory was 1.2 percent. A net revision of 1.0 percent was made to the September-November 2019 pig crop.

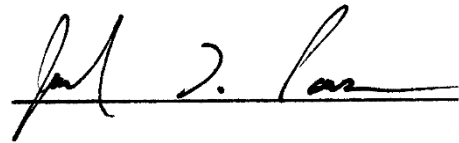
Records

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

This report was approved on December 23, 2020.



Secretary of Agriculture
Designate
Robert Johansson



Agricultural Statistics Board
Chairperson
Joseph L. Parsons

Contents

Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2019 and 2020	4
Sows Farrowing, Pig Crop, and Pigs per Litter – United States: 2019-2021	5
Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2019 and 2020	5
Breeding, Market, and Total Inventory – States and United States: December 1, 2019 and 2020	6
Market Inventory by Weight Group – States and United States: December 1, 2019 and 2020	7
Breeding, Market, and Total Inventory – States and United States: March 1, 2019 and 2020	8
Market Inventory by Weight Group – States and United States: March 1, 2019 and 2020	8
Breeding, Market, and Total Inventory – States and United States: June 1, 2019 and 2020	9
Market Inventory by Weight Group – States and United States: June 1, 2019 and 2020	9
Breeding, Market, and Total Inventory – States and United States: September 1, 2019 and 2020	10
Market Inventory by Weight Group – States and United States: September 1, 2019 and 2020	10
Annual Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-November 2019 and 2020	11
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2019-2021	12
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2019-2021	12
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2019 and 2020	13
Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2019 and 2020	13
Statistical Methodology	14
Reliability of Quarterly Hog Estimates	14
Records by Quarter – United States: 1866 to Present	15
Information Contacts	15

Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2019 and 2020

[May not add due to rounding]

Item	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory			
All hogs and pigs	74,661	76,179	102
Kept for breeding	6,349	6,375	100
Market	68,313	69,804	102
Market hogs and pigs by weight groups			
Under 50 pounds	21,373	21,571	101
50-119 pounds	19,168	19,353	101
120-179 pounds	15,001	15,086	101
180 pounds and over	12,771	13,793	108
June 1 inventory			
All hogs and pigs	75,725	77,364	102
Kept for breeding	6,410	6,326	99
Market	69,316	71,038	102
Market hogs and pigs by weight groups			
Under 50 pounds	22,210	22,110	100
50-119 pounds	19,693	19,890	101
120-179 pounds	14,396	15,240	106
180 pounds and over	13,017	13,797	106
September 1 inventory			
All hogs and pigs	78,583	78,434	100
Kept for breeding	6,431	6,333	98
Market	72,153	72,101	100
Market hogs and pigs by weight groups			
Under 50 pounds	23,376	23,144	99
50-119 pounds	21,224	21,020	99
120-179 pounds	14,654	14,867	101
180 pounds and over	12,899	13,069	101
December 1 inventory			
All hogs and pigs	78,228	77,502	99
Kept for breeding	6,471	6,276	97
Market	71,757	71,226	99
Market hogs and pigs by weight groups			
Under 50 pounds	22,048	21,739	99
50-119 pounds	20,636	20,260	98
120-179 pounds	15,256	15,246	100
180 pounds and over	13,816	13,980	101

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

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

Item	2019	2020	2021	2020 as percent of 2019	2021 percent of 2020
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February ²	3,098	3,068	3,118	99	102
March-May ²	3,132	3,149	3,123	101	99
December-May ¹	6,231	6,217	6,241	100	100
June-August	3,274	3,260		100	
September-November	3,197	3,164		99	
June-November ¹	6,471	6,424		99	
Pig crop					
December-February	33,164	33,745		102	
March-May	34,455	34,644		101	
December-May ¹	67,619	68,389		101	
June-August	36,370	36,056		99	
September-November	35,459	34,973		99	
June-November ¹	71,829	71,030		99	
	(number)	(number)	(number)	(percent)	(percent)
Pigs per litter					
December-February	10.70	11.00		103	
March-May	11.00	11.00		100	
December-May	10.85	11.00		101	
June-August	11.11	11.06		100	
September-November	11.09	11.05		100	
June-November	11.10	11.06		100	

¹ May not add due to rounding.

² Intentions for 2021.

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

[December preceding year]

Month	Sows farrowing ¹		Pigs per litter		Pig crop ¹	
	2019	2020	2019	2020	2019	2020
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)
December	1,041	1,049	10.72	10.98	11,153	11,517
January	1,036	1,026	10.68	10.95	11,071	11,235
February	1,021	993	10.71	11.07	10,939	10,994
March	1,074	1,085	10.86	10.72	11,662	11,636
April	1,027	1,039	11.02	11.13	11,310	11,556
May	1,031	1,025	11.13	11.17	11,482	11,452
June	1,115	1,100	11.03	10.94	12,294	12,038
July	1,086	1,086	11.10	11.05	12,048	11,999
August	1,073	1,074	11.21	11.19	12,027	12,020
September	1,097	1,085	11.00	10.89	12,075	11,820
October	1,064	1,044	11.10	11.07	11,806	11,561
November	1,036	1,034	11.18	11.21	11,577	11,592
Total	12,701	12,641	10.98	11.03	139,449	139,418

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, 2019 and 2020

[May not add due to rounding]

	Breeding			Market			Total		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Alabama	10.0	4.0	40	26.0	8.0	31	36.0	12.0	33
Alaska	0.3	0.4	133	1.6	1.5	94	1.9	1.9	100
Arizona	16.0	15.0	94	145.0	126.0	87	161.0	141.0	88
Arkansas	39.0	43.0	110	78.0	83.0	106	117.0	126.0	108
California	12.0	9.0	75	94.0	90.0	96	106.0	99.0	93
Colorado	155.0	155.0	100	605.0	475.0	79	760.0	630.0	83
Connecticut	0.7	0.5	71	3.3	3.5	106	4.0	4.0	100
Delaware	2.5	2.5	100	4.5	4.5	100	7.0	7.0	100
Florida	4.0	4.0	100	6.0	9.0	150	10.0	13.0	130
Georgia	20.0	10.0	50	42.0	28.0	67	62.0	38.0	61
Hawaii	3.0	3.0	100	8.0	7.0	88	11.0	10.0	91
Idaho	7.0	7.0	100	28.0	25.0	89	35.0	32.0	91
Illinois	590.0	570.0	97	4,860.0	4,880.0	100	5,450.0	5,450.0	100
Indiana	250.0	250.0	100	4,150.0	4,200.0	101	4,400.0	4,450.0	101
Iowa	1,010.0	980.0	97	23,890.0	23,820.0	100	24,900.0	24,800.0	100
Kansas	180.0	170.0	94	1,980.0	1,870.0	94	2,160.0	2,040.0	94
Kentucky	50.0	45.0	90	385.0	415.0	108	435.0	460.0	106
Louisiana	2.0	2.0	100	4.0	4.0	100	6.0	6.0	100
Maine	1.1	1.2	109	3.5	3.8	109	4.6	5.0	109
Maryland	3.5	3.0	86	16.5	15.5	94	20.0	18.5	93
Massachusetts	2.0	2.0	100	6.0	7.0	117	8.0	9.0	113
Michigan	120.0	120.0	100	1,120.0	1,180.0	105	1,240.0	1,300.0	105
Minnesota	570.0	540.0	95	8,830.0	8,860.0	100	9,400.0	9,400.0	100
Mississippi	53.0	49.0	92	137.0	61.0	45	190.0	110.0	58
Missouri	490.0	450.0	92	2,860.0	3,300.0	115	3,350.0	3,750.0	112
Montana	37.0	41.0	111	173.0	164.0	95	210.0	205.0	98
Nebraska	440.0	430.0	98	3,360.0	3,220.0	96	3,800.0	3,650.0	96
Nevada	0.2	0.1	50	4.8	2.4	50	5.0	2.5	50
New Hampshire	0.8	0.6	75	2.6	3.2	123	3.4	3.8	112
New Jersey	1.0	1.0	100	6.5	6.5	100	7.5	7.5	100
New Mexico	0.7	0.4	57	1.3	0.9	69	2.0	1.3	65
New York	5.0	8.0	160	48.0	61.0	127	53.0	69.0	130
North Carolina	900.0	840.0	93	8,500.0	8,160.0	96	9,400.0	9,000.0	96
North Dakota	35.0	36.0	103	107.0	107.0	100	142.0	143.0	101
Ohio	210.0	210.0	100	2,540.0	2,440.0	96	2,750.0	2,650.0	96
Oklahoma	450.0	465.0	103	1,820.0	1,615.0	89	2,270.0	2,080.0	92
Oregon	2.0	2.0	100	9.0	7.0	78	11.0	9.0	82
Pennsylvania	140.0	150.0	107	1,190.0	1,240.0	104	1,330.0	1,390.0	105
Rhode Island	0.3	0.2	67	1.3	1.3	100	1.6	1.5	94
South Carolina	10.0	8.0	80	185.0	180.0	97	195.0	188.0	96
South Dakota	280.0	285.0	102	1,720.0	1,735.0	101	2,000.0	2,020.0	101
Tennessee	26.0	25.0	96	224.0	235.0	105	250.0	260.0	104
Texas	155.0	140.0	90	985.0	940.0	95	1,140.0	1,080.0	95
Utah	80.0	90.0	113	880.0	910.0	103	960.0	1,000.0	104
Vermont	1.0	1.0	100	2.6	3.0	115	3.6	4.0	111
Virginia	5.0	4.0	80	335.0	306.0	91	340.0	310.0	91
Washington	3.0	3.0	100	14.0	14.0	100	17.0	17.0	100
West Virginia	1.0	1.0	100	2.0	2.0	100	3.0	3.0	100
Wisconsin	60.0	58.0	97	305.0	342.0	112	365.0	400.0	110
Wyoming	37.0	41.0	111	57.0	54.0	95	94.0	95.0	101
United States	6,471.1	6,275.9	97	71,756.5	71,226.1	99	78,227.6	77,502.0	99

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

[Weight groups may not add to market inventory due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2019	2020	2019	2020	2019	2020	2019	2020
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Alabama	15.0	1.0	2.0	1.0	5.0	1.0	4.0	5.0
Alaska	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3
Arizona	49.0	37.0	32.0	29.0	32.0	29.0	32.0	31.0
Arkansas	63.0	66.0	8.0	9.0	3.0	2.0	4.0	6.0
California	26.0	24.0	22.0	23.0	24.0	20.0	22.0	23.0
Colorado	280.0	255.0	130.0	100.0	100.0	50.0	95.0	70.0
Connecticut	1.5	1.5	0.4	0.5	0.3	0.3	1.1	1.2
Delaware	3.0	3.0	0.5	0.5	0.5	0.5	0.5	0.5
Florida	3.0	5.0	1.0	2.0	1.0	1.0	1.0	1.0
Georgia	27.0	12.0	5.0	5.0	6.0	4.0	4.0	7.0
Hawaii	3.0	2.5	2.0	1.5	2.0	1.5	1.0	1.5
Idaho	16.0	14.0	5.0	4.0	4.0	4.0	3.0	3.0
Illinois	1,455.0	1,440.0	1,630.0	1,550.0	965.0	1,040.0	810.0	850.0
Indiana	1,100.0	1,030.0	1,170.0	1,260.0	920.0	860.0	960.0	1,050.0
Iowa	5,840.0	5,800.0	7,720.0	7,620.0	5,750.0	5,790.0	4,580.0	4,610.0
Kansas	475.0	435.0	475.0	485.0	420.0	360.0	610.0	590.0
Kentucky	119.0	123.0	106.0	115.0	77.0	75.0	83.0	102.0
Louisiana	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Maine	1.4	1.4	0.8	0.9	0.7	0.8	0.6	0.7
Maryland	4.5	4.0	4.0	4.0	4.0	3.5	4.0	4.0
Massachusetts	2.0	2.5	1.4	2.0	0.8	1.1	1.8	1.4
Michigan	340.0	360.0	310.0	330.0	220.0	245.0	250.0	245.0
Minnesota	2,750.0	2,840.0	2,770.0	2,760.0	1,860.0	1,840.0	1,450.0	1,420.0
Mississippi	116.0	43.0	6.0	7.0	5.0	7.0	10.0	4.0
Missouri	1,250.0	1,540.0	620.0	640.0	520.0	640.0	470.0	480.0
Montana	82.0	83.0	34.0	34.0	27.0	23.0	30.0	24.0
Nebraska	1,180.0	1,100.0	875.0	860.0	640.0	710.0	665.0	550.0
Nevada	0.2	0.1	1.7	0.9	1.6	0.8	1.3	0.6
New Hampshire	0.4	0.4	0.8	1.0	0.7	0.8	0.7	1.0
New Jersey	1.3	1.4	1.9	1.5	1.5	1.3	1.8	2.3
New Mexico	0.4	0.2	0.5	0.2	0.1	0.2	0.3	0.3
New York	11.0	23.0	10.5	12.0	12.5	16.0	14.0	10.0
North Carolina	3,350.0	2,985.0	2,030.0	1,915.0	1,610.0	1,570.0	1,510.0	1,690.0
North Dakota	56.0	54.0	23.0	23.0	15.0	15.0	13.0	15.0
Ohio	690.0	750.0	710.0	660.0	550.0	480.0	590.0	550.0
Oklahoma	780.0	740.0	470.0	350.0	255.0	205.0	315.0	320.0
Oregon	2.5	2.0	2.5	2.0	1.5	1.0	2.5	2.0
Pennsylvania	305.0	335.0	340.0	360.0	275.0	275.0	270.0	270.0
Rhode Island	0.3	0.3	0.4	0.5	0.2	0.2	0.4	0.3
South Carolina	24.0	21.0	54.0	52.0	54.0	54.0	53.0	53.0
South Dakota	680.0	690.0	400.0	400.0	320.0	325.0	320.0	320.0
Tennessee	78.0	48.0	39.0	66.0	55.0	54.0	52.0	67.0
Texas	300.0	280.0	275.0	225.0	170.0	185.0	240.0	250.0
Utah	320.0	350.0	185.0	185.0	185.0	185.0	190.0	190.0
Vermont	0.7	0.8	0.7	0.9	0.6	0.6	0.6	0.7
Virginia	79.0	56.0	84.0	83.0	83.0	81.0	89.0	86.0
Washington	4.0	5.0	4.0	4.0	3.0	2.0	3.0	3.0
West Virginia	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Wisconsin	110.0	122.0	68.0	72.0	72.0	83.0	55.0	65.0
Wyoming	52.0	50.0	3.0	1.0	1.0	1.0	1.0	2.0
United States	22,048.2	21,739.1	20,636.1	20,260.3	15,255.8	15,246.4	13,816.4	13,980.3

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

[May not add due to rounding]

State	Breeding			Market			Total		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	155	155	100	645	555	86	800	710	89
Illinois	560	580	104	4,690	4,570	97	5,250	5,150	98
Indiana	260	250	96	3,940	3,750	95	4,200	4,000	95
Iowa	1,030	980	95	22,670	23,420	103	23,700	24,400	103
Kansas	170	180	106	1,880	1,910	102	2,050	2,090	102
Michigan	120	120	100	1,110	1,120	101	1,230	1,240	101
Minnesota	580	560	97	8,220	8,440	103	8,800	9,000	102
Missouri	470	470	100	3,080	3,130	102	3,550	3,600	101
Nebraska	450	440	98	3,150	3,310	105	3,600	3,750	104
North Carolina	900	870	97	8,100	8,230	102	9,000	9,100	101
Ohio	190	200	105	2,460	2,450	100	2,650	2,650	100
Oklahoma	450	450	100	1,720	1,800	105	2,170	2,250	104
Pennsylvania	120	150	125	1,150	1,200	104	1,270	1,350	106
South Dakota	245	285	116	1,595	1,725	108	1,840	2,010	109
Texas	150	155	103	940	955	102	1,090	1,110	102
Utah	80	80	100	670	870	130	750	950	127
Other States ¹	419	450	108	2,293	2,369	103	2,711	2,819	104
United States	6,349	6,375	100	68,313	69,804	102	74,661	76,179	102

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

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

[Weight groups may not add to market inventory due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2019	2020	2019	2020	2019	2020	2019	2020
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	290	280	135	100	105	60	115	115
Illinois	1,415	1,260	1,555	1,515	1,000	995	720	800
Indiana	1,040	910	1,100	1,050	920	920	880	870
Iowa	5,510	5,830	7,510	7,460	5,630	5,500	4,020	4,630
Kansas	480	455	440	495	395	390	565	570
Michigan	330	335	300	300	225	230	255	255
Minnesota	2,590	2,700	2,400	2,460	1,890	1,850	1,340	1,430
Missouri	1,555	1,440	560	630	505	565	460	495
Nebraska	1,060	1,130	880	885	690	690	520	605
North Carolina	3,190	3,150	1,700	1,780	1,590	1,690	1,620	1,610
Ohio	720	680	640	640	520	550	580	580
Oklahoma	800	825	360	360	210	250	350	365
Pennsylvania	315	335	325	350	245	250	265	265
South Dakota	590	695	390	385	320	335	295	310
Texas	275	280	260	265	180	185	225	225
Utah	295	325	120	180	130	180	125	185
Other States ¹	918	941	493	498	446	446	436	483
United States	21,373	21,571	19,168	19,353	15,001	15,086	12,771	13,793

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

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

[May not add due to rounding]

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

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

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

[Weight groups may not add to market inventory due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2019	2020	2019	2020	2019	2020	2019	2020
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	295	275	130	95	100	70	95	105
Illinois	1,465	1,400	1,530	1,555	945	1,035	820	790
Indiana	1,090	1,010	1,180	1,310	840	910	930	920
Iowa	5,920	5,780	7,520	7,520	5,430	5,500	4,030	4,540
Kansas	460	510	490	480	385	395	510	625
Michigan	320	310	320	290	230	220	260	240
Minnesota	2,630	2,800	2,590	2,430	1,730	1,820	1,280	1,400
Missouri	1,590	1,690	530	565	525	600	525	470
Nebraska	1,135	1,160	875	865	630	690	650	645
North Carolina	3,370	3,100	1,830	1,920	1,500	1,730	1,600	1,670
Ohio	730	710	660	650	590	580	570	600
Oklahoma	800	770	365	380	220	230	330	340
Pennsylvania	305	375	345	385	235	270	215	230
South Dakota	580	725	430	420	290	340	305	295
Texas	285	220	235	295	145	185	270	220
Utah	325	365	150	180	140	180	135	185
Other States ¹	910	910	513	550	461	485	492	522
United States	22,210	22,110	19,693	19,890	14,396	15,240	13,017	13,797

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

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

[May not add due to rounding]

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

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

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

[Weight groups may not add to market inventory due to rounding]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2019	2020	2019	2020	2019	2020	2019	2020
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Colorado	305	260	130	100	95	50	100	75
Illinois	1,510	1,390	1,650	1,540	900	1,070	850	820
Indiana	1,110	1,040	1,230	1,380	860	820	950	960
Iowa	6,360	6,440	8,010	7,780	5,520	5,480	4,100	4,120
Kansas	490	500	510	475	375	410	540	530
Michigan	310	325	310	305	225	225	275	245
Minnesota	2,950	2,850	2,850	2,820	1,710	1,720	1,110	1,180
Missouri	1,530	1,600	590	690	545	690	495	450
Nebraska	1,190	1,170	890	890	670	690	600	620
North Carolina	3,440	3,350	2,140	2,130	1,580	1,610	1,540	1,640
Ohio	780	770	690	760	540	490	590	560
Oklahoma	805	765	465	350	225	185	295	350
Pennsylvania	315	355	330	410	265	275	230	250
South Dakota	655	700	450	435	305	320	325	310
Texas	345	305	290	215	185	140	225	260
Utah	355	370	175	195	175	195	175	195
Other States ¹	926	954	514	545	479	497	499	504
United States	23,376	23,144	21,224	21,020	14,654	14,867	12,899	13,069

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 2019 and 2020

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

State	Sows farrowing			Pigs per litter		Pig crop		
	2019	2020	2020 as percent of 2019	2019	2020	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Alabama	16.00	14.50	91	11.06	10.97	177.00	159.00	90
Alaska	0.40	0.40	100	8.00	7.57	2.80	2.80	100
Arizona	30.50	27.50	90	9.77	10.11	298.00	278.00	93
Arkansas	93.00	78.00	84	10.90	11.30	1,017.00	885.00	87
California	12.50	14.50	116	4.72	4.14	59.00	60.00	102
Colorado	310.00	298.00	96	10.30	10.10	3,193.00	3,009.00	94
Connecticut	0.60	0.50	83	8.17	7.80	4.90	3.90	80
Delaware	4.00	4.00	100	10.00	10.00	40.00	40.00	100
Florida	4.00	4.00	100	6.25	6.00	25.00	24.00	96
Georgia	36.00	28.00	78	9.86	10.04	355.00	281.00	79
Hawaii	2.00	2.00	100	5.30	6.00	11.00	12.00	109
Idaho	9.90	12.00	121	8.79	9.58	87.00	115.00	132
Illinois	1,115.00	1,145.00	103	10.83	10.81	12,074.00	12,380.00	103
Indiana	485.00	490.00	101	10.60	10.88	5,139.00	5,332.00	104
Iowa	2,120.00	2,120.00	100	11.34	11.31	24,037.00	23,981.00	100
Kansas	354.00	349.00	99	10.74	10.63	3,802.00	3,709.00	98
Kentucky	99.00	97.00	98	9.80	9.96	970.00	966.00	100
Louisiana	0.40	0.40	100	7.25	6.75	2.90	2.70	93
Maine	0.90	0.90	100	7.10	7.20	6.40	6.50	102
Maryland	3.70	4.00	108	10.00	10.00	37.00	40.00	108
Massachusetts	1.60	1.60	100	8.13	7.50	13.00	12.00	92
Michigan	221.00	221.00	100	10.96	11.15	2,423.00	2,465.00	102
Minnesota	1,195.00	1,160.00	97	11.83	11.81	14,131.00	13,703.00	97
Mississippi	89.00	117.00	131	11.50	11.00	1,021.00	1,283.00	126
Missouri	1,012.00	1,000.00	99	10.86	11.08	10,990.00	11,075.00	101
Montana	64.00	69.50	109	10.92	11.04	699.00	767.00	110
Nebraska	769.00	760.00	99	11.60	11.52	8,920.00	8,753.00	98
Nevada	0.40	0.40	100	6.25	4.00	2.50	1.60	64
New Hampshire	0.60	0.40	67	8.00	8.00	4.80	3.20	67
New Jersey	0.80	0.80	100	7.00	6.88	5.60	5.50	98
New Mexico	0.40	0.40	100	8.50	6.00	3.40	2.40	71
New York	5.20	6.00	115	9.04	7.83	47.00	47.00	100
North Carolina	1,885.00	1,820.00	97	10.37	10.53	19,544.00	19,156.00	98
North Dakota	73.00	72.00	99	10.99	11.18	802.00	805.00	100
Ohio	396.00	405.00	102	11.16	10.79	4,420.00	4,369.00	99
Oklahoma	870.00	845.00	97	10.74	10.68	9,345.00	9,023.00	97
Oregon	1.30	1.60	123	7.69	8.13	10.00	13.00	130
Pennsylvania	217.00	218.00	100	11.09	11.06	2,407.00	2,410.00	100
Rhode Island	0.40	0.40	100	7.25	8.00	2.90	3.20	110
South Carolina	18.50	15.50	84	8.54	8.58	158.00	133.00	84
South Dakota	509.00	562.00	110	11.90	12.20	6,065.00	6,857.00	113
Tennessee	54.50	60.50	111	10.29	11.16	561.00	675.00	120
Texas	270.00	261.00	97	10.51	10.44	2,837.00	2,726.00	96
Utah	168.00	167.00	99	10.62	10.92	1,784.00	1,824.00	102
Vermont	0.80	0.80	100	6.75	6.50	5.40	5.20	96
Virginia	6.70	6.00	90	10.00	10.67	67.00	64.00	96
Washington	3.20	3.20	100	8.13	8.13	26.00	26.00	100
West Virginia	0.70	0.60	86	7.71	8.17	5.40	4.90	91
Wisconsin	99.00	105.00	106	11.00	11.40	1,085.00	1,197.00	110
Wyoming	72.50	70.50	97	10.01	10.24	726.00	722.00	99
United States	12,701.45	12,640.87	100	10.98	11.03	139,449.00	139,417.90	100

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

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

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2019	2020	2021 ²	2021 as percent of 2020	2019	2020	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	78	72	70	97	9.20	10.30	718	742	103
Illinois	270	285	290	102	10.65	10.95	2,876	3,121	109
Indiana	125	115	120	104	10.20	10.60	1,275	1,219	96
Iowa	530	500	530	106	11.20	11.25	5,936	5,625	95
Kansas	86	87	84	97	10.60	10.40	912	905	99
Michigan	56	57	55	96	10.90	11.10	610	633	104
Minnesota	300	270	275	102	11.60	11.90	3,480	3,213	92
Missouri	245	250	235	94	10.55	11.00	2,585	2,750	106
Nebraska	185	190	190	100	11.55	11.60	2,137	2,204	103
North Carolina	455	430	440	102	9.90	10.50	4,505	4,515	100
Ohio	93	96	105	109	10.70	11.00	995	1,056	106
Oklahoma	205	205	210	102	10.65	10.40	2,183	2,132	98
Pennsylvania	55	53	53	100	10.80	11.00	594	583	98
South Dakota	119	141	138	98	11.85	12.10	1,410	1,706	121
Texas	66	68	66	97	10.20	10.35	673	704	105
Utah	40	40	45	113	9.20	11.00	368	440	120
Other States ³	190	209	212	101	10.02	10.51	1,907	2,197	115
United States	3,098	3,068	3,118	102	10.70	11.00	33,164	33,745	102

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 2019-2021

[May not add due to rounding]

State	Sows farrowing				Pigs per litter		Pig crop ¹		
	2019	2020	2021 ²	2021 as percent of 2020	2019	2020	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	78	74	71	96	10.70	10.10	835	747	89
Illinois	275	275	285	104	10.75	10.80	2,956	2,970	100
Indiana	120	125	120	96	10.70	10.60	1,284	1,325	103
Iowa	530	500	530	106	11.45	11.40	6,069	5,700	94
Kansas	86	89	84	94	10.70	10.70	920	952	103
Michigan	54	54	54	100	11.00	10.60	594	572	96
Minnesota	295	290	260	90	11.85	11.60	3,496	3,364	96
Missouri	242	255	245	96	10.65	11.00	2,577	2,805	109
Nebraska	200	200	190	95	11.50	11.10	2,300	2,220	97
North Carolina	460	460	440	96	10.50	10.60	4,830	4,876	101
Ohio	98	96	105	109	11.20	11.10	1,098	1,066	97
Oklahoma	215	215	215	100	10.55	10.80	2,268	2,322	102
Pennsylvania	54	57	53	93	11.10	11.10	599	633	106
South Dakota	123	139	138	99	11.95	12.30	1,470	1,710	116
Texas	66	68	68	100	10.50	11.00	693	748	108
Utah	43	43	45	105	10.70	10.80	460	464	101
Other States ³	193	209	220	105	10.37	10.39	2,006	2,170	108
United States	3,132	3,149	3,123	99	11.00	11.00	34,455	34,644	101

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 2019 and 2020

[May not add due to rounding]

State	Sows farrowing			Pigs per litter		Pig crop ¹		
	2019	2020	2020 as percent of 2019	2019	2020	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	79	79	100	10.70	10.00	845	790	93
Illinois	290	290	100	10.95	10.70	3,176	3,103	98
Indiana	120	125	104	11.00	11.30	1,320	1,413	107
Iowa	550	560	102	11.35	11.30	6,243	6,328	101
Kansas	90	88	98	10.90	10.70	981	942	96
Michigan	55	54	98	11.10	11.40	611	616	101
Minnesota	300	310	103	11.95	11.90	3,585	3,689	103
Missouri	260	255	98	11.10	11.20	2,886	2,856	99
Nebraska	194	180	93	11.65	11.70	2,260	2,106	93
North Carolina	500	490	98	10.50	10.50	5,250	5,145	98
Ohio	102	108	106	11.30	10.50	1,153	1,134	98
Oklahoma	230	215	93	10.90	10.80	2,507	2,322	93
Pennsylvania	51	56	110	11.30	11.10	576	622	108
South Dakota	129	143	111	11.85	12.20	1,529	1,745	114
Texas	71	61	86	10.90	10.60	774	647	84
Utah	44	43	98	11.00	11.00	484	473	98
Other States ²	209	203	97	10.47	10.46	2,190	2,125	97
United States	3,274	3,260	100	11.11	11.06	36,370	36,056	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 2019 and 2020

[May not add due to rounding]

State	Sows Farrowing			Pigs per litter		Pig crop ¹		
	2019	2020	2020 as percent of 2019	2019	2020	2019	2020	2020 as percent of 2019
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	75	73	97	10.60	10.00	795	730	92
Illinois	280	295	105	10.95	10.80	3,066	3,186	104
Indiana	120	125	104	10.50	11.00	1,260	1,375	109
Iowa	510	560	110	11.35	11.30	5,789	6,328	109
Kansas	92	85	92	10.75	10.70	989	910	92
Michigan	56	56	100	10.85	11.50	608	644	106
Minnesota	300	290	97	11.90	11.85	3,570	3,437	96
Missouri	265	240	91	11.10	11.10	2,942	2,664	91
Nebraska	190	190	100	11.70	11.70	2,223	2,223	100
North Carolina	470	440	94	10.55	10.50	4,959	4,620	93
Ohio	103	105	102	11.40	10.60	1,174	1,113	95
Oklahoma	220	210	95	10.85	10.70	2,387	2,247	94
Pennsylvania	57	52	91	11.20	11.00	638	572	90
South Dakota	138	139	101	12.00	12.20	1,656	1,696	102
Texas	67	64	96	10.40	9.80	697	627	90
Utah	41	41	100	11.50	10.90	472	447	95
Other States ²	213	199	94	10.51	10.83	2,234	2,154	96
United States	3,197	3,164	99	11.09	11.05	35,459	34,973	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 6,000 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 2020, data were collected from about 4,500 operations, 70.7 percent of the total sample. The data collected were received by electronic data reporting, mail, and telephone. Regardless of when operations responded, they were asked to report inventories as of December 1, 2020.

Estimating Procedures: Hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each regional field office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds the estimates of births and imports, and subtracts the estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In December, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "**Root Mean Square Error**" is shown for selected items in the following table. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 77.5 million head by more than 1.2 percent. Chances are 9 out of 10 that the difference will not exceed 2.1 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	1.2	2.1	712	60	2,270	9	11
Pig crop	1.7	2.9	461	13	1,064	11	9
Expected farrowings							
Second intentions	2.2	3.8	54	2	137	16	4
First intentions	2.3	4.0	56	2	145	15	5

Records by Quarter – United States: 1866 to Present

[This table provides data users with record high estimates of all hogs and pigs, market hogs, pig crop, and pigs per litter since each data series began]

Item	Estimate	Record high	Series began
	(1,000 head)	(year)	(year)
All hogs and pigs			
March 1	76,179	2020	1988
June 1	77,364	2020	1964
September 1	78,583	2019	1988
December 1	83,741	1943	1866
Market			
March 1	69,804	2020	1988
June 1	71,038	2020	1964
September 1	72,153	2019	1988
December 1	71,757	2019	1963
Pig crop			
December-February ¹	33,745	2020	1970
March-May	34,644	2020	1970
June-August	36,370	2019	1970
September-November	35,459	2019	1970
	(number)	(year)	(year)
Pigs per litter			
December-February ¹	11.00	2020	1970
March-May	11.00	2020	1970
June-August	11.11	2019	1970
September-November	11.09	2019	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
Holly Brenize – Sheep and Goats	(202) 720-0585
Ryan Cowen – Cattle, Cattle on Feed	(202) 720-3040
Mike Miller – Milk Production and Milk Cows	(202) 720-3278
Suzanne Richards – Dairy Products	(202) 720-4448
Seth Riggins – Hogs and Pigs	(202) 720-3106

Access to NASS Reports

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 agencies archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu 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.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.



USDA's Agricultural Outlook Forum
97th Annual
***Building on Innovation:
A Pathway to Resilience***

February 18-19, 2021 • <https://www.usda.gov/oce/ag-outlook-forum>

Registration is Now Open

to USDA's 97th Agricultural Outlook Forum!

Building on Innovation: A Pathway to Resilience

Join us for this virtual event on February 18-19, 2021

The Forum is free to attend

[Register Today](#)