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Farms and Land in Farms 2020 Summary

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Contents

Farms and Land in Farms Highlights.....	4
Number of Farms, Land in Farms, and Average Farm Size – United States: 2013-2020.....	5
Number of Farms, Land in Farms, and Average Farm Size by Economic Sales Class – United States: 2019-2020.....	5
Number of Farms, Land in Farms, and Average Farm Size – States and United States: 2019-2020.....	6
Number of Farms, Land in Farms, and Average Farm Size, \$1,000-\$9,999 – States and United States: 2019-2020	7
Number of Farms, Land in Farms, and Average Farm Size, \$10,000-\$99,999 – States and United States: 2019-2020	8
Number of Farms, Land in Farms, and Average Farm Size, \$100,000-\$249,999 – States and United States: 2019-2020.....	9
Number of Farms, Land in Farms, and Average Farm Size, \$250,000-\$499,999 – States and United States: 2019-2020...	10
Number of Farms, Land in Farms, and Average Farm Size, \$500,000-\$999,999 – States and United States: 2019-2020...	11
Number of Farms, Land in Farms, and Average Farm Size, \$1,000,000 or more – States and United States: 2019-2020 ..	12
Statistical Methodology.....	13
Terms and Definitions.....	14
Farm Definition History	15
Information Contacts.....	16

Farms and Land in Farms Highlights

The number of farms in the United States for 2020 is estimated at 2,019,000, down 4,400 farms from 2019. The number of farms in all sales classes declined. In 2020, 51.1 percent of all farms had less than \$10,000 in sales and 81.5 percent of all farms had less than \$100,000 in sales. In 2020, 7.4 percent of all farms had sales of \$500,000 or more.

Total land in farms, at 896,600,000 acres, decreased 800,000 acres from 2019. The biggest change for 2020 is that producers in Sales Class \$10,000 - \$99,999 operated 550,000 fewer acres than in 2019. In 2020, 30.1 percent of all farmland was operated by farms with less than \$100,000 in sales, while 40.8 percent of all farmland was operated by farms with sales of \$500,000 or more.

The average farm size for 2020 is 444 acres, unchanged from the previous year. Average farm size increased in the \$250,000 - \$499,999, \$500,000-\$999,999, and \$1,000,000 or more sales classes and remained unchanged in all others.

Number of Farms, Land in Farms, and Average Farm Size – United States: 2013-2020

Year	Number of farms	Land in farms	Average farm size
	(number)	(1,000 acres)	(acres)
2013	2,100,350	911,720	434
2014	2,082,440	908,920	436
2015	2,063,890	905,790	439
2016	2,055,340	902,680	439
2017	2,042,000	900,370	441
2018	2,029,200	899,500	443
2019	2,023,400	897,400	444
2020	2,019,000	896,600	444

Number of Farms, Land in Farms, and Average Farm Size by Economic Sales Class – United States: 2019-2020

Economic sales class	Percent of total				Average farm size	
	Number of Farms		Land in farms		2019	2020
	2019	2020	2019	2020		
	(percent)	(percent)	(percent)	(percent)	(acres)	(acres)
\$1,000 - \$9,999	51.1	51.1	9.4	9.3	81	81
\$10,000 - \$99,999	30.4	30.4	20.8	20.8	304	304
\$100,000 - \$249,999	6.7	6.7	14.7	14.7	976	976
\$250,000 - \$499,999	4.4	4.4	14.3	14.3	1,448	1,455
\$500,000 - \$999,999	3.5	3.5	15.4	15.4	1,940	1,942
\$1,000,000 or more	3.9	3.9	25.4	25.4	2,910	2,915
Total ¹	100.0	100.0	100.0	100.0	444	444

¹ Percent of total may not add to 100 due to rounding.

Number of Farms, Land in Farms, and Average Farm Size – States and United States: 2019-2020

State	Number of farms		Land in farms		Average farm size	
	2019 (number)	2020 (number)	2019 (1,000 acres)	2020 (1,000 acres)	2019 (acres)	2020 (acres)
Alabama	38,800	39,000	8,300	8,300	214	213
Alaska	1,050	1,050	850	850	810	810
Arizona	19,000	19,000	26,200	26,200	1,379	1,379
Arkansas	42,300	42,200	14,000	14,000	331	332
California	69,900	69,600	24,300	24,300	348	349
Colorado	38,700	38,800	31,800	31,800	822	820
Connecticut	5,500	5,500	380	380	69	69
Delaware	2,300	2,300	530	530	230	230
Florida	47,400	47,500	9,700	9,700	205	204
Georgia	41,500	41,400	10,200	10,200	246	246
Hawaii	7,300	7,300	1,100	1,100	151	151
Idaho	24,600	24,600	11,500	11,500	467	467
Illinois	71,400	71,100	27,000	27,000	378	380
Indiana	56,000	55,500	14,900	14,800	266	267
Iowa	85,300	85,000	30,600	30,600	359	360
Kansas	58,500	58,300	45,700	45,700	781	784
Kentucky	74,800	74,500	12,900	12,900	172	173
Louisiana	27,400	27,400	8,000	8,000	292	292
Maine	7,600	7,600	1,300	1,300	171	171
Maryland	12,400	12,400	2,000	2,000	161	161
Massachusetts	7,200	7,200	500	500	69	69
Michigan	47,000	46,500	9,800	9,800	209	211
Minnesota	68,000	67,500	25,500	25,400	375	376
Mississippi	34,500	34,400	10,400	10,400	301	302
Missouri	95,200	95,000	27,600	27,500	290	289
Montana	26,800	26,900	58,000	58,000	2,164	2,156
Nebraska	45,700	45,500	44,900	44,900	982	987
Nevada	3,350	3,350	6,100	6,100	1,821	1,821
New Hampshire	4,100	4,100	430	430	105	105
New Jersey	9,900	9,900	750	750	76	76
New Mexico	24,800	24,800	40,000	40,000	1,613	1,613
New York	33,400	33,400	6,900	6,900	207	207
North Carolina	46,200	46,000	8,400	8,400	182	183
North Dakota	26,100	26,000	39,300	39,300	1,506	1,512
Ohio	77,800	77,800	13,600	13,600	175	175
Oklahoma	77,300	77,300	34,400	34,400	445	445
Oregon	37,200	37,200	15,800	15,800	425	425
Pennsylvania	52,700	52,700	7,300	7,300	139	139
Rhode Island	1,100	1,100	60	60	55	55
South Carolina	24,600	24,600	4,800	4,800	195	195
South Dakota	29,600	29,600	43,200	43,200	1,459	1,459
Tennessee	69,700	69,500	10,800	10,800	155	155
Texas	247,000	247,000	126,500	126,000	512	510
Utah	17,800	17,800	10,700	10,700	601	601
Vermont	6,800	6,800	1,200	1,200	176	176
Virginia	42,400	42,300	7,800	7,800	184	184
Washington	35,600	35,500	14,600	14,600	410	411
West Virginia	22,900	22,800	3,500	3,500	153	154
Wisconsin	64,900	64,400	14,300	14,300	220	222
Wyoming	12,000	12,000	29,000	29,000	2,417	2,417
United States	2,023,400	2,019,000	897,400	896,600	444	444

Number of Farms, Land in Farms, and Average Farm Size by Economic Sales Class – States and United States: 2019-2020

State	Economic sales class: \$1,000-\$9,999					
	Number of farms		Land in farms		Average farm size	
	2019	2020	2019	2020	2019	2020
	(number)	(number)	(1,000 acres)	(1,000 acres)	(acres)	(acres)
Alabama	21,800	22,000	1,900	1,900	87	86
Alaska	590	590	80	80	136	136
Arizona	14,200	14,200	4,800	4,800	338	338
Arkansas	20,500	20,400	1,750	1,700	85	83
California	27,200	27,000	1,300	1,300	48	48
Colorado	22,000	22,000	2,200	2,200	100	100
Connecticut	3,650	3,650	130	130	36	36
Delaware	820	820	20	20	24	24
Florida	28,900	29,000	1,300	1,300	45	45
Georgia	23,200	23,100	2,300	2,300	99	100
Hawaii	4,250	4,250	70	70	16	16
Idaho	13,300	13,300	650	650	49	49
Illinois	27,700	27,600	1,200	1,200	43	43
Indiana	26,100	25,800	1,000	1,000	38	39
Iowa	25,000	25,000	900	900	36	36
Kansas	21,300	21,100	1,900	1,900	89	90
Kentucky	44,000	43,800	3,000	3,000	68	68
Louisiana	15,400	15,400	1,100	1,100	71	71
Maine	4,800	4,800	390	390	81	81
Maryland	6,700	6,700	260	260	39	39
Massachusetts	4,500	4,500	190	190	42	42
Michigan	24,500	24,200	1,250	1,200	51	50
Minnesota	24,900	24,600	1,600	1,600	64	65
Mississippi	19,600	19,500	2,200	2,200	112	113
Missouri	44,500	44,400	3,200	3,200	72	72
Montana	11,400	11,500	2,000	2,000	175	174
Nebraska	11,300	11,100	800	800	71	72
Nevada	1,700	1,700	520	520	306	306
New Hampshire	2,750	2,750	170	170	62	62
New Jersey	6,400	6,400	160	160	25	25
New Mexico	17,000	17,000	5,000	5,000	294	294
New York	15,500	15,500	1,100	1,100	71	71
North Carolina	25,900	25,700	1,400	1,400	54	54
North Dakota	7,400	7,400	1,200	1,200	162	162
Ohio	41,400	41,800	1,900	1,900	46	45
Oklahoma	40,300	40,300	4,200	4,200	104	104
Oregon	23,500	23,500	1,100	1,100	47	47
Pennsylvania	24,900	24,900	1,300	1,300	52	52
Rhode Island	630	630	20	20	32	32
South Carolina	16,400	16,400	1,500	1,500	91	91
South Dakota	7,000	7,000	1,000	1,000	143	143
Tennessee	43,600	43,500	2,700	2,700	62	62
Texas	156,500	156,500	15,200	14,900	97	95
Utah	10,800	10,800	600	600	56	56
Vermont	3,750	3,750	280	280	75	75
Virginia	24,100	24,000	1,700	1,700	71	71
Washington	21,700	21,600	800	800	37	37
West Virginia	16,600	16,500	1,500	1,500	90	91
Wisconsin	29,000	28,700	1,900	1,900	66	66
Wyoming	5,600	5,600	1,200	1,200	214	214
United States	1,034,540	1,032,240	83,940	83,540	81	81

Number of Farms, Land in Farms, and Average Farm Size by Economic Sales Class – States and United States: 2019-2020

State	Economic sales class: \$10,000-\$99,999					
	Number of farms		Land in farms		Average farm size	
	2019	2020	2019	2020	2019	2020
	(number)	(number)	(1,000 acres)	(1,000 acres)	(acres)	(acres)
Alabama	12,500	12,500	3,200	3,200	256	256
Alaska	360	360	450	450	1,250	1,250
Arizona	3,450	3,450	5,200	5,200	1,507	1,507
Arkansas	14,500	14,400	3,700	3,650	255	253
California	22,600	22,500	4,300	4,300	190	191
Colorado	10,800	10,900	7,000	7,000	648	642
Connecticut	1,400	1,400	100	100	71	71
Delaware	510	510	50	50	98	98
Florida	13,500	13,500	2,100	2,100	156	156
Georgia	11,500	11,500	2,700	2,600	235	226
Hawaii	2,500	2,500	200	200	80	80
Idaho	6,500	6,500	1,800	1,800	277	277
Illinois	20,000	20,000	2,500	2,400	125	120
Indiana	16,100	16,000	1,700	1,600	106	100
Iowa	25,800	25,600	3,600	3,600	140	141
Kansas	21,500	21,500	7,200	7,200	335	335
Kentucky	24,200	24,100	4,500	4,500	186	187
Louisiana	8,700	8,700	1,900	1,900	218	218
Maine	2,050	2,050	350	350	171	171
Maryland	3,300	3,300	390	390	118	118
Massachusetts	1,950	1,950	160	160	82	82
Michigan	14,000	14,000	1,600	1,600	114	114
Minnesota	20,500	20,400	3,600	3,500	176	172
Mississippi	10,600	10,600	3,000	3,000	283	283
Missouri	37,300	37,200	8,600	8,500	231	228
Montana	8,100	8,100	10,300	10,300	1,272	1,272
Nebraska	14,300	14,300	4,900	4,900	343	343
Nevada	980	980	530	530	541	541
New Hampshire	1,100	1,100	170	170	155	155
New Jersey	2,350	2,350	170	170	72	72
New Mexico	6,000	6,000	10,200	10,200	1,700	1,700
New York	11,500	11,500	1,800	1,800	157	157
North Carolina	12,700	12,700	1,800	1,800	142	142
North Dakota	7,300	7,300	4,100	4,100	562	562
Ohio	22,000	21,500	2,900	2,900	132	135
Oklahoma	28,500	28,500	11,400	11,400	400	400
Oregon	8,900	8,900	2,900	2,900	326	326
Pennsylvania	16,700	16,700	2,200	2,200	132	132
Rhode Island	340	340	20	20	59	59
South Carolina	6,000	6,000	1,400	1,400	233	233
South Dakota	9,400	9,400	4,500	4,500	479	479
Tennessee	21,600	21,500	3,800	3,800	176	177
Texas	72,800	72,800	39,000	39,000	536	536
Utah	5,000	5,000	1,900	1,900	380	380
Vermont	1,950	1,950	310	310	159	159
Virginia	13,900	13,900	2,800	2,800	201	201
Washington	8,300	8,300	1,700	1,700	205	205
West Virginia	5,500	5,500	1,400	1,400	255	255
Wisconsin	20,200	20,100	2,900	2,900	144	144
Wyoming	3,800	3,800	4,100	4,100	1,079	1,079
United States	615,340	613,940	187,100	186,550	304	304

Number of Farms, Land in Farms, and Average Farm Size by Economic Sales Class – States and United States: 2019-2020

State	Economic sales class: \$100,000-\$249,999					
	Number of farms		Land in farms		Average farm size	
	2019	2020	2019	2020	2019	2020
	(number)	(number)	(1,000 acres)	(1,000 acres)	(acres)	(acres)
Alabama	1,150	1,150	810	810	704	704
Alaska	40	40	210	210	5,250	5,250
Arizona	510	510	10,400	10,400	20,392	20,392
Arkansas	1,400	1,400	950	950	679	679
California	6,500	6,400	3,200	3,200	492	500
Colorado	2,600	2,600	5,800	5,800	2,231	2,231
Connecticut	190	190	30	30	158	158
Delaware	130	130	40	40	308	308
Florida	1,900	1,900	1,100	1,100	579	579
Georgia	1,400	1,400	710	710	507	507
Hawaii	270	270	130	130	481	481
Idaho	1,700	1,700	1,700	1,700	1,000	1,000
Illinois	8,000	8,000	2,700	2,700	338	338
Indiana	5,200	5,200	1,600	1,600	308	308
Iowa	11,000	11,000	3,600	3,600	327	327
Kansas	6,100	6,100	6,500	6,500	1,066	1,066
Kentucky	3,000	3,000	1,200	1,200	400	400
Louisiana	950	950	790	790	832	832
Maine	320	320	100	100	313	313
Maryland	720	720	210	210	292	292
Massachusetts	340	340	40	40	118	118
Michigan	3,200	3,100	1,300	1,300	406	419
Minnesota	7,700	7,700	2,900	2,900	377	377
Mississippi	940	940	620	620	660	660
Missouri	5,800	5,800	3,500	3,500	603	603
Montana	3,150	3,150	10,300	10,300	3,270	3,270
Nebraska	6,500	6,500	5,900	5,900	908	908
Nevada	220	220	960	960	4,364	4,364
New Hampshire	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey	450	450	110	110	244	244
New Mexico	810	810	6,200	6,200	7,654	7,654
New York	2,850	2,850	880	880	309	309
North Carolina	1,700	1,700	700	700	412	412
North Dakota	3,200	3,200	4,600	4,600	1,438	1,438
Ohio	6,500	6,600	2,000	2,000	308	303
Oklahoma	4,250	4,250	6,400	6,400	1,506	1,506
Oregon	1,800	1,800	2,500	2,500	1,389	1,389
Pennsylvania	5,000	5,000	1,100	1,100	220	220
Rhode Island	(D)	(D)	(D)	(D)	(D)	(D)
South Carolina	630	630	300	300	476	476
South Dakota	4,500	4,500	6,900	6,900	1,533	1,533
Tennessee	1,800	1,800	850	850	472	472
Texas	7,400	7,400	19,200	19,100	2,595	2,581
Utah	890	890	1,300	1,300	1,461	1,461
Vermont	470	470	140	140	298	298
Virginia	1,700	1,700	950	950	559	559
Washington	1,800	1,800	3,000	3,000	1,667	1,667
West Virginia	370	370	270	270	730	730
Wisconsin	7,000	6,900	2,100	2,100	300	304
Wyoming	1,200	1,200	5,300	5,300	4,417	4,417
Other States ¹	190	190	40	40	(X)	(X)
United States	135,440	135,240	132,140	132,040	976	976

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

(X) Not applicable.

¹ Includes data withheld above.

Number of Farms, Land in Farms, and Average Farm Size by Economic Sales Class – States and United States: 2019-2020

State	Economic sales class: \$250,000-\$499,999					
	Number of farms		Land in farms		Average farm size	
	2019	2020	2019	2020	2019	2020
	(number)	(number)	(1,000 acres)	(1,000 acres)	(acres)	(acres)
Alabama	650	650	580	580	892	892
Alaska	(D)	(D)	(D)	(D)	(D)	(D)
Arizona	200	200	1,600	1,600	8,000	8,000
Arkansas	1,100	1,100	800	800	727	727
California	4,000	4,000	2,200	2,200	550	550
Colorado	1,500	1,500	5,800	5,800	3,867	3,867
Connecticut	110	110	20	20	182	182
Delaware	110	110	50	50	455	455
Florida	1,000	1,000	850	850	850	850
Georgia	1,100	1,100	690	690	627	627
Hawaii	120	120	170	170	1,417	1,417
Idaho	1,200	1,200	1,500	1,500	1,250	1,250
Illinois	6,100	6,000	4,000	4,000	656	667
Indiana	3,250	3,200	2,000	2,000	615	625
Iowa	9,200	9,100	5,500	5,500	598	604
Kansas	4,150	4,150	7,500	7,500	1,807	1,807
Kentucky	1,400	1,400	900	900	643	643
Louisiana	570	570	610	610	1,070	1,070
Maine	180	180	100	100	556	556
Maryland	490	490	230	230	469	469
Massachusetts	(D)	(D)	(D)	(D)	(D)	(D)
Michigan	2,150	2,100	1,300	1,300	605	619
Minnesota	5,800	5,800	4,000	4,000	690	690
Mississippi	580	580	580	580	1,000	1,000
Missouri	2,950	2,950	2,900	2,900	983	983
Montana	2,250	2,250	13,300	13,300	5,911	5,911
Nebraska	5,100	5,100	7,900	7,900	1,549	1,549
Nevada	200	200	900	900	4,500	4,500
New Hampshire	70	70	30	30	429	429
New Jersey	280	280	80	80	286	286
New Mexico	390	390	6,300	6,300	16,154	16,154
New York	1,700	1,700	780	780	459	459
North Carolina	1,250	1,250	700	700	560	560
North Dakota	3,000	3,000	6,600	6,600	2,200	2,200
Ohio	3,000	2,900	1,600	1,600	533	552
Oklahoma	2,100	2,100	4,600	4,600	2,190	2,190
Oregon	1,150	1,150	2,800	2,800	2,435	2,435
Pennsylvania	3,100	3,100	980	980	316	316
Rhode Island	(D)	(D)	(D)	(D)	(D)	(D)
South Carolina	280	280	230	230	821	821
South Dakota	3,800	3,800	8,800	8,800	2,316	2,316
Tennessee	1,000	1,000	660	660	660	660
Texas	3,600	3,600	14,800	14,800	4,111	4,111
Utah	510	510	2,000	2,000	3,922	3,922
Vermont	320	320	130	130	406	406
Virginia	960	960	680	680	708	708
Washington	1,250	1,250	2,200	2,200	1,760	1,760
West Virginia	130	130	110	110	846	846
Wisconsin	4,250	4,250	2,100	2,100	494	494
Wyoming	810	810	6,100	6,100	7,531	7,531
Other States ¹	250	250	130	130	(X)	(X)
United States	88,660	88,260	128,390	128,390	1,448	1,455

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

(X) Not applicable.

¹ Includes data withheld above.

Number of Farms, Land in Farms, and Average Farm Size by Economic Sales Class – States and United States: 2019-2020

State	Economic sales class: \$500,000-\$999,999					
	Number of farms		Land in farms		Average farm size	
	2019	2020	2019	2020	2019	2020
	(number)	(number)	(1,000 acres)	(1,000 acres)	(acres)	(acres)
Alabama	1,100	1,100	660	660	600	600
Alaska	30	30	20	20	667	667
Arizona	220	220	1,000	1,000	4,545	4,545
Arkansas	1,400	1,450	1,200	1,200	857	828
California	3,200	3,300	2,300	2,300	719	697
Colorado	920	920	4,700	4,700	5,109	5,109
Connecticut	70	70	20	20	286	286
Delaware	260	260	110	110	423	423
Florida	900	900	650	650	722	722
Georgia	1,850	1,850	1,400	1,500	757	811
Hawaii	70	70	210	210	3,000	3,000
Idaho	800	800	1,750	1,750	2,188	2,188
Illinois	5,200	5,100	6,000	6,000	1,154	1,176
Indiana	2,500	2,450	2,700	2,700	1,080	1,102
Iowa	7,900	7,900	7,800	7,800	987	987
Kansas	2,900	2,900	9,200	9,200	3,172	3,172
Kentucky	1,000	1,000	900	900	900	900
Louisiana	730	730	1,050	1,050	1,438	1,438
Maine	110	110	70	70	636	636
Maryland	520	520	330	330	635	635
Massachusetts	140	140	30	30	214	214
Michigan	1,500	1,450	1,400	1,400	933	966
Minnesota	4,800	4,800	5,100	5,100	1,063	1,063
Mississippi	880	880	900	900	1,023	1,023
Missouri	2,400	2,400	3,700	3,700	1,542	1,542
Montana	1,250	1,250	12,100	12,100	9,680	9,680
Nebraska	4,300	4,300	9,200	9,200	2,140	2,140
Nevada	110	110	640	640	5,818	5,818
New Hampshire	30	30	10	10	333	333
New Jersey	200	200	90	90	450	450
New Mexico	260	260	6,200	6,200	23,846	23,846
New York	930	930	640	640	688	688
North Carolina	1,450	1,450	900	900	621	621
North Dakota	2,700	2,650	8,800	8,800	3,259	3,321
Ohio	2,650	2,700	2,200	2,200	830	815
Oklahoma	1,100	1,100	3,600	3,600	3,273	3,273
Oregon	870	870	2,800	2,800	3,218	3,218
Pennsylvania	1,650	1,650	750	750	455	455
Rhode Island	20	20	10	10	500	500
South Carolina	380	380	400	400	1,053	1,053
South Dakota	2,600	2,600	8,800	8,800	3,385	3,385
Tennessee	830	830	890	890	1,072	1,072
Texas	3,100	3,100	14,800	14,700	4,774	4,742
Utah	320	320	1,000	1,000	3,125	3,125
Vermont	140	140	80	80	571	571
Virginia	850	850	670	670	788	788
Washington	1,100	1,100	2,300	2,300	2,091	2,091
West Virginia	150	150	110	110	733	733
Wisconsin	2,400	2,400	1,800	1,800	750	750
Wyoming	380	380	6,100	6,100	16,053	16,053
United States	71,170	71,120	138,090	138,090	1,940	1,942

Number of Farms, Land in Farms, and Average Farm Size by Economic Sales Class – States and United States: 2019-2020

State	Economic sales class: \$1,000,000 or more					
	Number of farms		Land in farms		Average farm size	
	2019	2020	2019	2020	2019	2020
	(number)	(number)	(1,000 acres)	(1,000 acres)	(acres)	(acres)
Alabama	1,600	1,600	1,150	1,150	719	719
Alaska	(D)	(D)	(D)	(D)	(D)	(D)
Arizona	420	420	3,200	3,200	7,619	7,619
Arkansas	3,400	3,450	5,600	5,700	1,647	1,652
California	6,400	6,400	11,000	11,000	1,719	1,719
Colorado	880	880	6,300	6,300	7,159	7,159
Connecticut	80	80	80	80	1,000	1,000
Delaware	470	470	260	260	553	553
Florida	1,200	1,200	3,700	3,700	3,083	3,083
Georgia	2,450	2,450	2,400	2,400	980	980
Hawaii	90	90	320	320	3,556	3,556
Idaho	1,100	1,100	4,100	4,100	3,727	3,727
Illinois	4,400	4,400	10,600	10,700	2,409	2,432
Indiana	2,850	2,850	5,900	5,900	2,070	2,070
Iowa	6,400	6,400	9,200	9,200	1,438	1,438
Kansas	2,550	2,550	13,400	13,400	5,255	5,255
Kentucky	1,200	1,200	2,400	2,400	2,000	2,000
Louisiana	1,050	1,050	2,550	2,550	2,429	2,429
Maine	140	140	290	290	2,071	2,071
Maryland	670	670	580	580	866	866
Massachusetts	(D)	(D)	(D)	(D)	(D)	(D)
Michigan	1,650	1,650	2,950	3,000	1,788	1,818
Minnesota	4,300	4,200	8,300	8,300	1,930	1,976
Mississippi	1,900	1,900	3,100	3,100	1,632	1,632
Missouri	2,250	2,250	5,700	5,700	2,533	2,533
Montana	650	650	10,000	10,000	15,385	15,385
Nebraska	4,200	4,200	16,200	16,200	3,857	3,857
Nevada	140	140	2,550	2,550	18,214	18,214
New Hampshire	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey	220	220	140	140	636	636
New Mexico	340	340	6,100	6,100	17,941	17,941
New York	920	920	1,700	1,700	1,848	1,848
North Carolina	3,200	3,200	2,900	2,900	906	906
North Dakota	2,500	2,450	14,000	14,000	5,600	5,714
Ohio	2,250	2,300	3,000	3,000	1,333	1,304
Oklahoma	1,050	1,050	4,200	4,200	4,000	4,000
Oregon	980	980	3,700	3,700	3,776	3,776
Pennsylvania	1,350	1,350	970	970	719	719
Rhode Island	(D)	(D)	(D)	(D)	(D)	(D)
South Carolina	910	910	970	970	1,066	1,066
South Dakota	2,300	2,300	13,200	13,200	5,739	5,739
Tennessee	870	870	1,900	1,900	2,184	2,184
Texas	3,600	3,600	23,500	23,500	6,528	6,528
Utah	280	280	3,900	3,900	13,929	13,929
Vermont	170	170	260	260	1,529	1,529
Virginia	890	890	1,000	1,000	1,124	1,124
Washington	1,450	1,450	4,600	4,600	3,172	3,172
West Virginia	150	150	110	110	733	733
Wisconsin	2,050	2,050	3,500	3,500	1,707	1,707
Wyoming	210	210	6,200	6,200	29,524	29,524
Other States ¹	120	120	60	60	(X)	(X)
United States	78,250	78,200	227,740	227,990	2,910	2,915

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

(X) Not applicable.

¹ Includes data withheld above.

Statistical Methodology

Procedures: In 2020, the National Agricultural Statistics Service (NASS) implemented a statistical modeling approach to generate survey indications. This approach was in response to the impacts of the COVID-19 pandemic on data collection processes and the suspension of in-person data collection. NASS has been doing everything possible to keep all parties involved safe and slow the spread of the virus while continuing to produce critical data about American agriculture.

Prior to 2020, data were collected by NASS during the June Agricultural Survey using sampling procedures to ensure every farm and ranch has a chance of being selected. NASS used a multiple sampling frame approach to count farms and measure land in farms. An Area Sampling Frame that divided all land into segments is built for every state except Alaska. A sample of segments was selected in each state except Alaska and Hawaii and enumerated in early June. Highly trained interviewers located each sampled segment and identified every farm and ranch operating land in the segment and the number of acres in each operation.

These data were used to compute summaries of farm numbers and acres of land in farms. Additionally, all farms found in the segments were checked against a list of farms and ranches maintained by NASS to determine if the farm is on the list. Operations found in the Area Frame sample that were not on the list provided a measure of incompleteness of the list. The summarized totals for these non-overlap (or not-on-list) operations were combined with summarized totals collected from a sample selected from the list to calculate additional indications of farms and land in farms.

Estimation Procedures: In 2020, the modeling effort incorporated historic trends and previous ten years of survey estimates. This stop-gap approach allowed the data series to continue and was roughly consistent with prior year procedures when survey data were available. Estimates were established under secure conditions to protect reports until they were publicly released at preannounced dates and times. Headquarters established national estimates and ensured that state estimates are in balance with the national numbers.

Revision Policy: Estimates are subject to revision the following year and following review of the five-year Census of Agriculture. The basis for revision must be supported by additional data which directly affect the level of the estimate.

Reliability: For 2020, the modeled estimates have an associated variance to measure error. This error can be expressed as a percentage of the estimate and referred to as the coefficient of variation (CV). The model error CV for the United States number of farms was 0.3 percent and land in farms was 0.1 percent. Additional sources of measurement error may arise from the model selection. This source of error is not reflected in the CV's reported above.

Prior to 2020, two types of survey errors, sampling and non-sampling, are possible in the final estimates, and both can affect the quality of the estimates. Sampling error occurs because a complete census is not taken. The sampling error measures the variation in estimates from the average of all possible samples. An estimate of 100 with a sampling error of 1 would mean that chances are 19 out of 20 that the estimates from all possible samples averaged together would be between 98 and 102; which is the survey estimate, plus or minus two times the sampling error. The sampling error expressed as a percent of the estimate is called the coefficient of variation (CV). In 2019, the CV for the United States number of farms was 2.0 percent and land in farms 1.6 percent. The CVs by economic sales class ranged from 2.7 percent to 5.1 percent for number of farms and 3.1 to 7.6 percent for land in farms at the United States level.

Non-sampling errors can occur in complete censuses as well as sample surveys. They are caused by the inability to obtain correct information from each person surveyed, differences in interpreting questions or definitions, and mistakes in coding or processing the data. Special efforts are taken at each step of the survey to minimize non-sampling errors.

Terms and Definitions

A **farm** is “any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the year.” Government payments are included in sales. Ranches, institutional farms, experimental and research farms, and Indian Reservations are included as farms. Places with the entire acreage enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), and other government conservation programs are counted as farms.

The definition of a farm was first established in 1850 and has changed nine times since. The current definition was first used for the 1974 Census.

Land in farms consists of agricultural land used for crops, pasture, or grazing. Also included is woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator’s total operation. Land in farms includes acres in CRP, WRP, and other government conservation programs.

Land in farms includes land owned and operated as well as land rented from others. Land used rent-free is included as land rented from others. All grazing land, except land used under government permits on a per-head basis, is included as land in farms provided it was part of a farm or ranch. Land under the exclusive use of a grazing association is reported by the grazing association and included as land in farms. All land in American Indian reservations used for growing crops or grazing livestock is included as land in farms. Land in reservations not reported by individual American Indians or non-Native Americans is reported in the name of the cooperative group that used the land. In many instances, the entire American Indian reservation is reported as one farm.

Economic sales classes are based on the gross value of agricultural products sold. Government program payments are also included.

Point Farms are places that did not have \$1,000 of reported sales for the year, but had sufficient crops and livestock to normally have sales of \$1,000 or more.

Farm Definition History

The definition of a farm has remained the same since 1974. Activities included as agriculture, however, have undergone modification in recent years. Beginning in 1995, operations having 5 or more horses or ponies and no other agricultural sales were counted as horse farms. An operation with 1 or more horses with agricultural sales of at least \$1,000, qualified as a farm. Two industries, maple syrup and short rotation woody crop farms, were added beginning in 1997 as a result of the new North American Industry Classification System (NAICS). These changes were made to achieve comparability with the Census of Agriculture farm definition. All the changes in the farm definition beginning in 1995 were carried back to 1993 and included in the 1993-1998 estimates. These changes bring comparability between the Census of Agriculture data and the annually published NASS estimates. Because of these changes in the farm definition, the official estimates show a level difference in the number of farms between 1992 and 1993 in some states. To further align the counting of farms with the Census of Agriculture, places with 100 acres or more of pasture only in 2002 were included in farm and land in farm numbers. The handling of Indian reservation land was changed in 2002 to provide some accounting for individual farms.

Minimum Criteria for “FARM” Definition, 1840 – Present and Enumeration of Apiaries and Fur Farms

Year	Acres in Place	Value of Agricultural Products (Produced)	Value of Sales of Agricultural Products	Required some Agricultural Operations	Apiaries and Fur Farms Enumerated
1974 - Present	--	--	\$1,000 or more	--	--
1959	Less than 10 10 or more	-- --	\$250 or more \$50 or more	-- --	-- --
1954	Less than 3 3 or more	-- \$150 or more	\$150 or more --	-- --	-- --
1950	Less than 3 3 or more	-- \$150 or more	\$150 or more --	-- --	Apiaries Fur Farms
1935 - 1945	Less than 3 3 or more	\$250 or more --	-- --	-- X	Apiaries Fur Farms
1930	Less than 3 3 or more	\$250 or more --	-- --	-- X	Apiaries --
1925	Less than 3 3 or more	\$250 or more --	-- --	-- X	-- --
1910 - 1925	Less than 3 3 or more	\$250 or more --	-- --	-- X	Apiaries --
1900	Less than 3 3 or more	-- --	-- --	-- X	Apiaries --
1870 - 1890	Less than 3 3 or more	-- --	\$500 or more --	-- X	Apiaries --
1860	--	--	--	--	--
1850	--	\$100 or more	--	--	Apiaries
1840	--	--	--	--	--

Historic Estimates: Final estimates of Farms and Land in Farms in earlier years are available in Statistical Bulletins No. 1049 for 2013-2017, No. 1030 for 2008-2012, No. 1018 for 2003-2007, No. 991 for 1998-2002, No. 955 for 1993-97, No. 895 for 1988-92, No. 792 for 1979-87, SpSy3 for 1975-80, No. 594 for 1969-75, No. 507 for 1959-70, No. 316 for number of farm estimates for 1910-59 and land in farms estimates for 1950-59.

Information Contacts

Listed below are the commodity statisticians in the Environmental, Economics, and Demographics Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

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Kuan Chen – Prices, Prices Indexes, Parity Prices.....	(202) 690-3347
Doug Farmer – Chemical Use, Land Values.....	(202) 690-3229
Zoe Johnson – Cash Receipts, Farm Production Expenditures	(202) 720-5446
Michael Mathison – Cash Rents, Farms, Land in Farms, Grazing Fees	(202) 720-3243
Max Reason – Prices Received Indexes, Parity Prices, Prices Paid Indexes	(202) 720-8844
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- 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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