



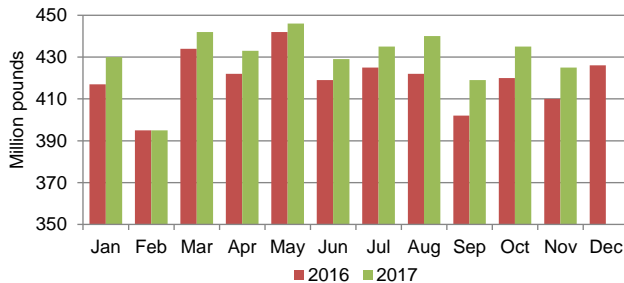
MILK PRODUCTION

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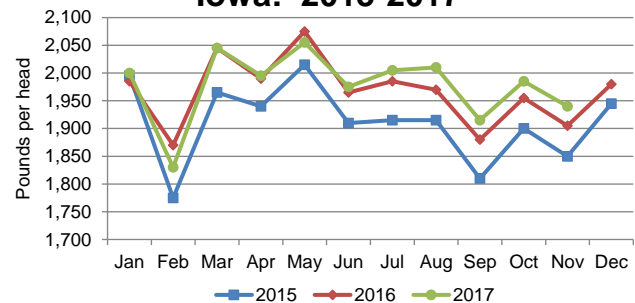
Milk Production
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Milk production in Iowa during November 2017 totaled 425 million pounds, up 4 percent from the previous November according to the latest USDA, National Agricultural Statistics Service – *Milk Production* report. The average number of milk cows during November, at 219,000 head, was the same as last month and 4,000 more than last year. Monthly production per cow averaged 1,940 pounds, up 35 pounds from last November.

**Milk Production
Iowa: 2016-2017**



**Milk Production per Cow
Iowa: 2015-2017**



Milk Cows and Production – Selected States: November 2017 and 2017

State	Milk cows ¹		Milk per cow ²		Milk production ²		
	2016	2017	2016	2017	2016	2017	Change from 2016
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona	196	205	1,900	1,895	372	388	4.3
California	1,757	1,743	1,830	1,825	3,215	3,181	-1.1
Colorado	154	163	2,130	2,135	328	348	6.1
Florida	121	124	1,595	1,575	193	195	1.0
Idaho	599	600	1,970	1,955	1,180	1,173	-0.6
Illinois	93	93	1,610	1,680	150	156	4.0
Indiana	185	187	1,815	1,855	336	347	3.3
Iowa	215	219	1,905	1,940	410	425	3.7
Kansas	149	152	1,890	1,880	282	286	1.4
Michigan	423	428	2,085	2,105	882	901	2.2
Minnesota	461	457	1,690	1,730	779	791	1.5
New Mexico	323	329	1,980	1,985	640	653	2.0
New York	620	625	1,925	1,905	1,194	1,191	-0.3
Ohio	262	264	1,670	1,675	438	442	0.9
Oregon	124	123	1,615	1,625	200	200	0.0
Pennsylvania	525	525	1,640	1,675	861	879	2.1
South Dakota	116	117	1,820	1,805	211	211	0.0
Texas	490	515	1,875	1,890	919	973	5.9
Utah	92	97	1,875	1,860	173	180	4.0
Vermont	129	128	1,700	1,705	219	218	-0.5
Virginia	88	87	1,535	1,620	135	141	4.4
Washington	275	274	1,915	1,910	527	523	-0.8
Wisconsin	1,278	1,277	1,895	1,915	2,422	2,445	0.9
23-State Total	8,675	8,732	1,852	1,861	16,066	16,247	1.1

¹ Includes dry cows, excludes heifers not yet fresh.

² Excludes milk sucked by calves

OATS COUNTY ESTIMATES

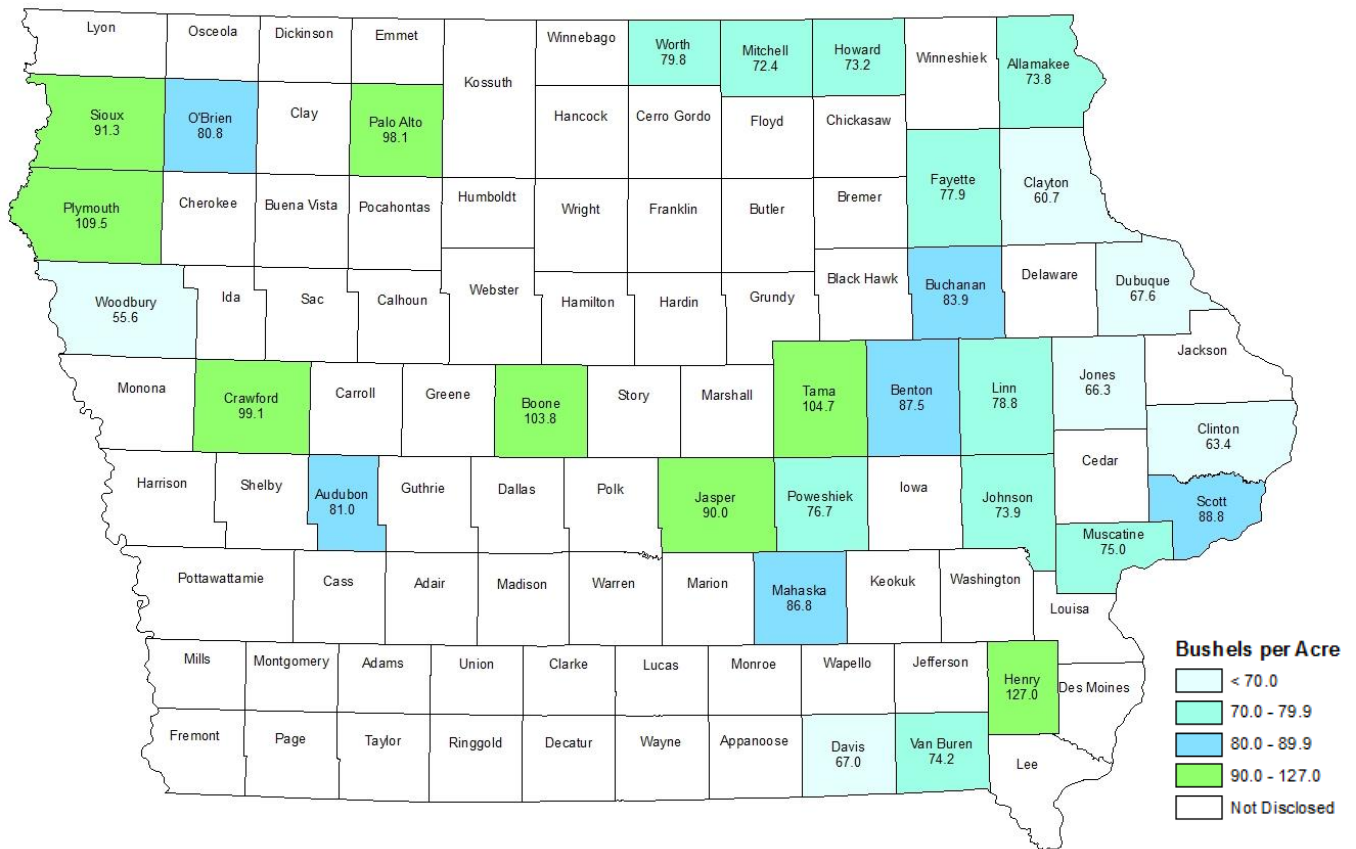
In 2017, Palo Alto County was the largest oat-producing county in Iowa at 154,000 bushels, according to estimates released today by the USDA, National Agricultural Statistics Service. Allamakee County was a distant second, with 79,700 bushels. Plymouth was the third largest oat-producing county with 72,300 bushels. Northeast Iowa was the largest oat-producing district with 768,000 bushels.

The highest yielding county was Henry with a yield of 127.0 bushels per acre. Plymouth had the second highest yield at 109.5. Two other counties, Tama and Boone, had average yields over 100.0 bushels per acre with 104.7 and 103.8, respectively. In 2017, the highest yielding districts were Northwest and Central which both recorded an average yield of 98.1 bushels per acre.

The lowest yielding county was Woodbury at 55.6 bushels per acre. Clayton had the second lowest yield at 60.7. The West Central district in Iowa had the largest drop in yield, down 10.4 bushels per acre from 2016, followed by the North Central district, declining 8.3 bushels per acre.

Yields are derived from production divided by area harvested. Only published estimates were considered in rankings of districts and counties.

OAT YIELD – IOWA: 2017 State Average Yield: 77.0 Bushels per Acre



Oats, Area Planted, Harvested, Yield and Production – Iowa by County: 2016-2017

[Some county/district data does not meet publication standards. However, this unpublished data is included in "Combined counties/Combined districts."]

County and district	Area planted		Area harvested		Yield per acre		Production	
	2016	2017	2016	2017	2016	2017	2016	2017
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
O'Brien	–	600	–	370	–	80.8	–	29,900
Palo Alto	–	2,300	–	1,570	–	98.1	–	154,000
Plymouth	1,000	1,100	590	660	82.4	109.5	48,600	72,300
Sioux	900	800	250	520	76.4	91.3	19,100	47,500
Combined counties	5,000	3,000	2,870	1,610	88.6	99.6	254,300	160,300
Northwest	6,900	7,800	3,710	4,730	86.8	98.1	322,000	464,000
Mitchell	800	900	500	500	84.2	72.4	42,100	36,200
Worth	–	600	–	410	–	79.8	–	32,700
Combined counties	6,400	5,700	2,800	3,160	90.3	82.6	252,900	261,100
North Central	7,200	7,200	3,300	4,070	89.4	81.1	295,000	330,000
Allamakee	6,800	6,200	2,050	1,080	88.3	73.8	181,000	79,700
Buchanan	1,000	800	550	380	72.0	83.9	39,600	31,900
Chickasaw	1,200	–	560	–	81.8	–	45,800	–
Clayton	5,200	4,700	500	1,020	74.0	60.7	37,000	61,900
Delaware	3,500	–	2,020	–	71.8	–	145,000	–
Dubuque	5,600	5,600	1,250	1,010	64.7	67.6	80,900	68,300
Fayette	3,100	3,000	400	660	80.8	77.9	32,300	51,400
Howard	1,000	1,600	700	970	100.9	73.2	70,600	71,000
Winneshiek	6,600	–	2,130	–	84.0	–	179,000	–
Combined counties	1,000	12,800	540	5,480	83.0	73.7	44,800	403,800
Northeast	35,000	34,700	10,700	10,600	80.0	72.5	856,000	768,000
Audubon	–	900	–	520	–	81.0	–	42,100
Crawford	800	800	200	220	71.0	99.1	14,200	21,800
Greene	900	–	360	–	81.4	–	29,300	–
Guthrie	1,400	–	360	–	78.1	–	28,100	–
Shelby	600	–	150	–	86.0	–	12,900	–
Woodbury	–	600	–	360	–	55.6	–	20,000
Combined counties	5,200	6,100	1,190	2,950	89.5	73.3	106,500	216,100
West Central	8,900	8,400	2,260	4,050	84.5	74.1	191,000	300,000
Boone	800	700	130	470	83.1	103.8	10,800	48,800
Jasper	1,300	1,200	90	110	77.8	90.0	7,000	9,900
Poweshiek	2,300	1,600	350	420	82.0	76.7	28,700	32,200
Tama	1,700	1,600	170	150	86.5	104.7	14,700	15,700
Combined counties	3,400	3,500	1,310	2,020	93.0	101.2	121,800	204,400
Central	9,500	8,600	2,050	3,170	89.3	98.1	183,000	311,000
Benton	–	1,100	–	440	–	87.5	–	38,500
Clinton	–	1,500	–	800	–	63.4	–	50,700
Iowa	1,700	–	810	–	80.0	–	64,800	–
Johnson	1,300	1,400	660	510	68.0	73.9	44,900	37,700
Jones	2,000	1,900	720	560	66.0	66.3	47,500	37,100
Linn	1,000	900	600	480	85.8	78.8	51,500	37,800
Muscatine	1,400	800	190	320	63.2	75.0	12,000	24,000
Scott	600	600	130	80	98.5	88.8	12,800	7,100
Combined counties	8,600	6,500	4,600	3,510	73.6	74.4	338,500	261,100
East Central	16,600	14,700	7,710	6,700	74.2	73.7	572,000	494,000
Wayne	800	–	500	–	57.6	–	28,800	–
Combined counties	14,300	–	5,220	–	57.3	–	299,200	–
South Central	15,100	–	5,720	–	57.3	–	328,000	–
Davis	–	1,300	–	370	–	67.0	–	24,800
Henry	–	600	–	200	–	127.0	–	25,400
Mahaska	–	1,300	–	530	–	86.8	–	46,000
Van Buren	–	800	–	360	–	74.2	–	26,700
Combined counties	–	4,700	–	1,250	–	72.9	–	91,100
Southeast	–	8,700	–	2,710	–	79.0	–	214,000
Combined districts	20,800	24,900	7,550	5,970	69.0	59.1	521,000	353,000
State	120,000	115,000	43,000	42,000	76.0	77.0	3,268,000	3,234,000

– Withheld to avoid disclosing data for individual operations but published in combined counties or represents zero.

COST OF POLLINATION

The total value for pollination of all crops in Region 1 for 2017 was 16.5 million dollars, down 11 percent from a year ago, according to the latest USDA, National Agricultural Statistics Service – *Cost of Pollination* report. Region 1 includes Connecticut, Illinois, Indiana, Iowa, Kansas, Massachusetts, Maine, Michigan, Nebraska, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

Cranberries had the highest total value of pollination of crops reported in Region 1 in 2017. The price per colony for Cranberries increased slightly to \$78.00 in 2017. The price per acre decreased 3 percent to \$162.00. The total value of pollination for cranberries in Region 1 for 2017 was 4.76 million dollars.

The price per colony for apples in Region 1 increased 1 percent to \$70.90 in 2017. The price per acre decreased 3 percent to \$32.00 in 2017. The total value of pollination for apples in Region 1 for 2017 was 3.33 million dollars.

Paid Pollinated Acres, Price per Acre, Colonies Used, Price per Colony, and Total Value of Pollination - Region 1: 2016-2017

Crop	Paid pollinated acres		Price per acre		Colonies used		Price per colony ²		Total value of pollination	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
	(acres)	(acres)	(dollars)	(dollars)	(colonies)	(colonies)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Tree fruit										
Apple	83,400	91,600	33.00	32.00	46,000	47,000	69.90	70.90	3,215	3,332
Cherry	26,600	29,400	21.90	25.80	15,000	14,000	55.00	56.60	825	792
Peach	2,150	(NA)	33.90	(NA)	2,200	(NA)	58.50	(NA)	129	(NA)
Melons										
Watermelon	5,600	4,150	40.40	28.10	3,700	2,500	78.10	77.70	289	194
Berries										
Blueberry	37,500	32,500	147.00	126.00	65,000	55,000	88.20	77.30	5,733	4,252
Cranberry	30,300	29,500	167.00	162.00	66,000	61,000	77.90	78.00	5,141	4,758
Vegetables										
Cucumber	29,100	23,000	29.40	44.10	15,000	16,500	62.70	67.00	941	1,106
Pumpkin	11,200	8,400	32.40	40.20	11,000	9,000	76.80	76.20	845	686
Squash	9,400	7,500	32.30	29.70	7,500	5,000	74.10	67.80	556	339
All other ¹	7,100	6,800	31.00	42.50	17,500	11,500	49.90	86.20	873	991
Total	242,350	232,850	66.00	62.40	248,900	221,500	74.50	74.30	18,547	16,450

(NA) Not available.

¹ Includes any crops not categorized above.

² Regional total price per colony is total value of pollination divided by colonies used.