



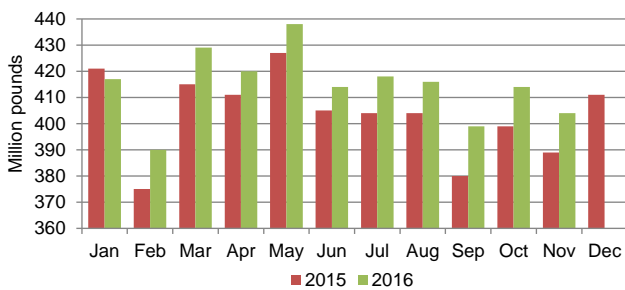
MILK PRODUCTION

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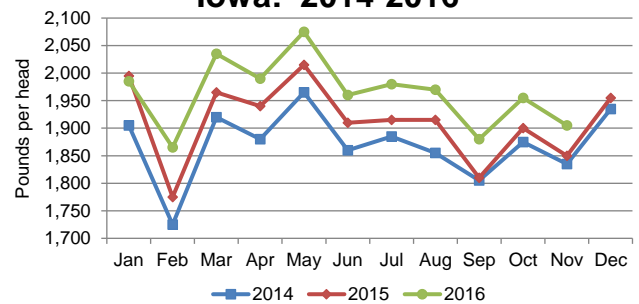
*Milk Production
Oats County
Estimates*

Milk production in Iowa during November 2016 totaled 404 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 212,000 head, was the same as last month, but 2,000 more than last year. Monthly production per cow averaged 1,905 pounds, up 55 pounds from last November.

**Milk Production
Iowa: 2015-2016**



**Milk Production per Cow
Iowa: 2014-2016**



Milk Cows and Production – Selected States: November 2015 and 2016

State	Milk cows ¹		Milk per cow ²		Milk production ²		
	2015	2016	2015	2016	2015	2016	Change from 2015
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona	195	197	1,950	1,955	380	385	1.3
California	1,776	1,765	1,805	1,820	3,206	3,212	0.2
Colorado	147	152	2,075	2,125	305	323	5.9
Florida	125	120	1,530	1,535	191	184	-3.7
Idaho	587	599	1,935	1,965	1,136	1,177	3.6
Illinois	94	93	1,600	1,610	150	150	0.0
Indiana	184	185	1,800	1,815	331	336	1.5
Iowa	210	212	1,850	1,905	389	404	3.9
Kansas	142	148	1,770	1,890	251	280	11.6
Michigan	411	423	2,050	2,100	843	888	5.3
Minnesota	460	461	1,660	1,680	764	774	1.3
New Mexico	322	323	1,915	1,980	617	640	3.7
New York	620	620	1,850	1,930	1,147	1,197	4.4
Ohio	266	262	1,635	1,670	435	438	0.7
Oregon	126	124	1,620	1,630	204	202	-1.0
Pennsylvania	530	525	1,615	1,670	856	877	2.5
South Dakota	110	115	1,810	1,820	199	209	5.0
Texas	462	490	1,785	1,875	825	919	11.4
Utah	95	90	1,820	1,845	173	166	-4.0
Vermont	131	129	1,640	1,700	215	219	1.9
Virginia	90	88	1,545	1,540	139	136	-2.2
Washington	277	275	1,905	1,915	528	527	-0.2
Wisconsin	1,280	1,277	1,845	1,890	2,362	2,414	2.2
23-State Total	8,640	8,673	1,811	1,851	15,646	16,057	2.6

¹ Includes dry cows, excludes heifers not yet fresh.

² Excludes milk sucked by calves

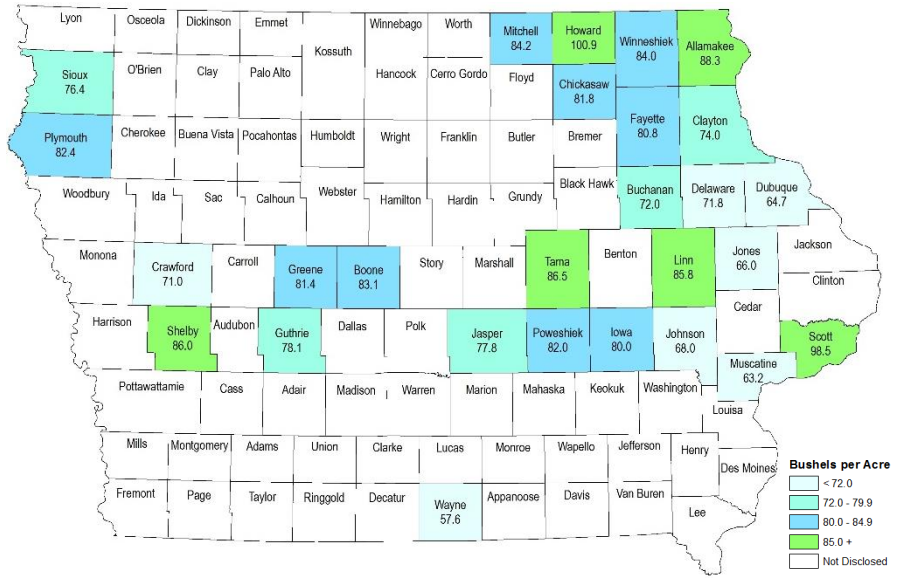
OATS COUNTY ESTIMATES

In 2016, Allamakee County was the largest oat-producing county in Iowa at 181,000 bushels, according to estimates released today by the USDA National Agricultural Statistics Service. This was closely followed by Winneshiek County, with 179,000 bushels. Delaware was the third largest oat-producing county with 145,000 bushels. Northeast Iowa was the largest oat-producing district with 856,000 bushels.

Favorable conditions throughout the growing season resulted in generally higher yields. The highest yielding county was Howard with a yield of 100.9 bushels per acre. Scott had the second highest yield at 98.5. In 2016, the highest yielding districts were North Central and Central, with yields of 89.4 and 89.3 bushels per acre, respectively. Tama County had the greatest increase in yield from 2015, increasing 21.7 bushels per acre. The second and third largest increases were in Howard and Scott counties, increasing 19.4 and 18.5 bushels, respectively.

The lowest yielding county was Wayne at 57.6 bushels per acre. Muscatine had the second lowest yield at 63.2. The North Central district in Iowa had the largest drop in yield, down 7.8 bushels per acre from 2015, closely followed by the Northwest district, declining 7.7 bushels per acre.

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



Oats Area Planted, Harvested, Yield and Production – Iowa by County: 2015-2016

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

County and district	Area planted		Area harvested		Yield per acre		Production	
	2015	2016	2015	2016	2015	2016	2015	2016
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Lyon	900	(D)	680	(D)	104.0	(D)	70,700	(D)
O'Brien	600	(D)	530	(D)	68.3	(D)	36,200	(D)
Osceola	500	(D)	250	(D)	84.0	(D)	21,000	(D)
Plymouth	1,000	1,000	500	590	93.6	82.4	46,800	48,600
Sioux	800	900	660	250	95.3	76.4	62,900	19,100
Other counties	4,200	5,000	2,480	2,870	98.5	88.6	244,400	254,300
Northwest	8,000	6,900	5,100	3,710	94.5	86.8	482,000	322,000
Cerro Gordo	600	(D)	480	(D)	96.5	(D)	46,300	(D)
Mitchell	900	800	560	500	87.1	84.2	48,800	42,100
Worth	500	(D)	360	(D)	95.8	(D)	34,500	(D)
Other counties	4,400	6,400	3,260	2,800	99.2	90.3	323,400	252,900
North Central	6,400	7,200	4,660	3,300	97.2	89.4	453,000	295,000
Allamakee	6,200	6,800	2,760	2,050	71.0	88.3	196,000	181,000
Bremer	900	(D)	410	(D)	79.8	(D)	32,700	(D)
Buchanan	1,200	1,000	800	550	72.1	72.0	57,700	39,600
Chickasaw	1,100	1,200	740	560	82.0	81.8	60,700	45,800
Clayton	(D)	5,200	(D)	500	(D)	74.0	(D)	37,000
Delaware	(D)	3,500	(D)	2,020	(D)	71.8	(D)	145,000
Dubuque	(D)	5,600	(D)	1,250	(D)	64.7	(D)	80,900
Fayette	(D)	3,100	(D)	400	(D)	80.8	(D)	32,300
Howard	1,500	1,000	1,020	700	81.5	100.9	83,100	70,600
Winneshiek	7,400	6,600	3,440	2,130	70.6	84.0	243,000	179,000
Other counties	19,000	1,000	10,530	540	61.8	83.0	650,800	44,800
Northeast	37,300	35,000	19,700	10,700	67.2	80.0	1,324,000	856,000
Audubon	900	(D)	540	(D)	83.7	(D)	45,200	(D)
Crawford	(D)	800	(D)	200	(D)	71.0	(D)	14,200
Greene	700	900	200	360	69.0	81.4	13,800	29,300
Guthrie	(D)	1,400	(D)	360	(D)	78.1	(D)	28,100
Shelby	500	600	300	150	73.0	86.0	21,900	12,900
Other counties	7,300	5,200	2,740	1,190	82.5	89.5	226,100	106,500
West Central	9,400	8,900	3,780	2,260	81.2	84.5	307,000	191,000
Boone	(D)	800	(D)	130	(D)	83.1	(D)	10,800
Jasper	(D)	1,300	(D)	90	(D)	77.8	(D)	7,000
Poweshiek	1,900	2,300	730	350	75.8	82.0	55,300	28,700
Story	500	(D)	290	(D)	71.7	(D)	20,800	(D)
Tama	1,600	1,700	910	170	64.8	86.5	59,000	14,700
Other counties	5,200	3,400	2,920	1,310	78.0	93.0	227,900	121,800
Central	9,200	9,500	4,850	2,050	74.8	89.3	363,000	183,000
Benton	1,300	(D)	920	(D)	75.4	(D)	69,400	(D)
Iowa	(D)	1,700	(D)	810	(D)	80.0	(D)	64,800
Jackson	3,800	(D)	1,480	(D)	57.8	(D)	85,500	(D)
Johnson	1,600	1,300	970	660	54.9	68.0	53,300	44,900
Jones	2,200	2,000	790	720	59.0	66.0	46,600	47,500
Linn	1,100	1,000	660	600	69.8	85.8	46,100	51,500
Muscatine	(D)	1,400	(D)	190	(D)	63.2	(D)	12,000
Scott	700	600	60	130	80.0	98.5	4,800	12,800
Other counties	4,900	8,600	1,850	4,600	71.0	73.6	131,300	338,500
East Central	15,600	16,600	6,730	7,710	64.9	74.2	437,000	572,000
Clarke	2,100	(D)	510	(D)	57.3	(D)	29,200	(D)
Union	1,700	(D)	590	(D)	67.8	(D)	40,000	(D)
Wayne	(D)	800	(D)	500	(D)	57.6	(D)	28,800
Other counties	13,500	14,300	4,120	5,220	64.3	57.3	264,800	299,200
South Central	17,300	15,100	5,220	5,720	64.0	57.3	334,000	328,000
Other districts	21,800	20,800	6,960	7,550	66.2	69.0	461,000	521,000
State	125,000	120,000	57,000	43,000	73.0	76.0	4,161,000	3,268,000

(D) Not published to avoid disclosure of individual operations.