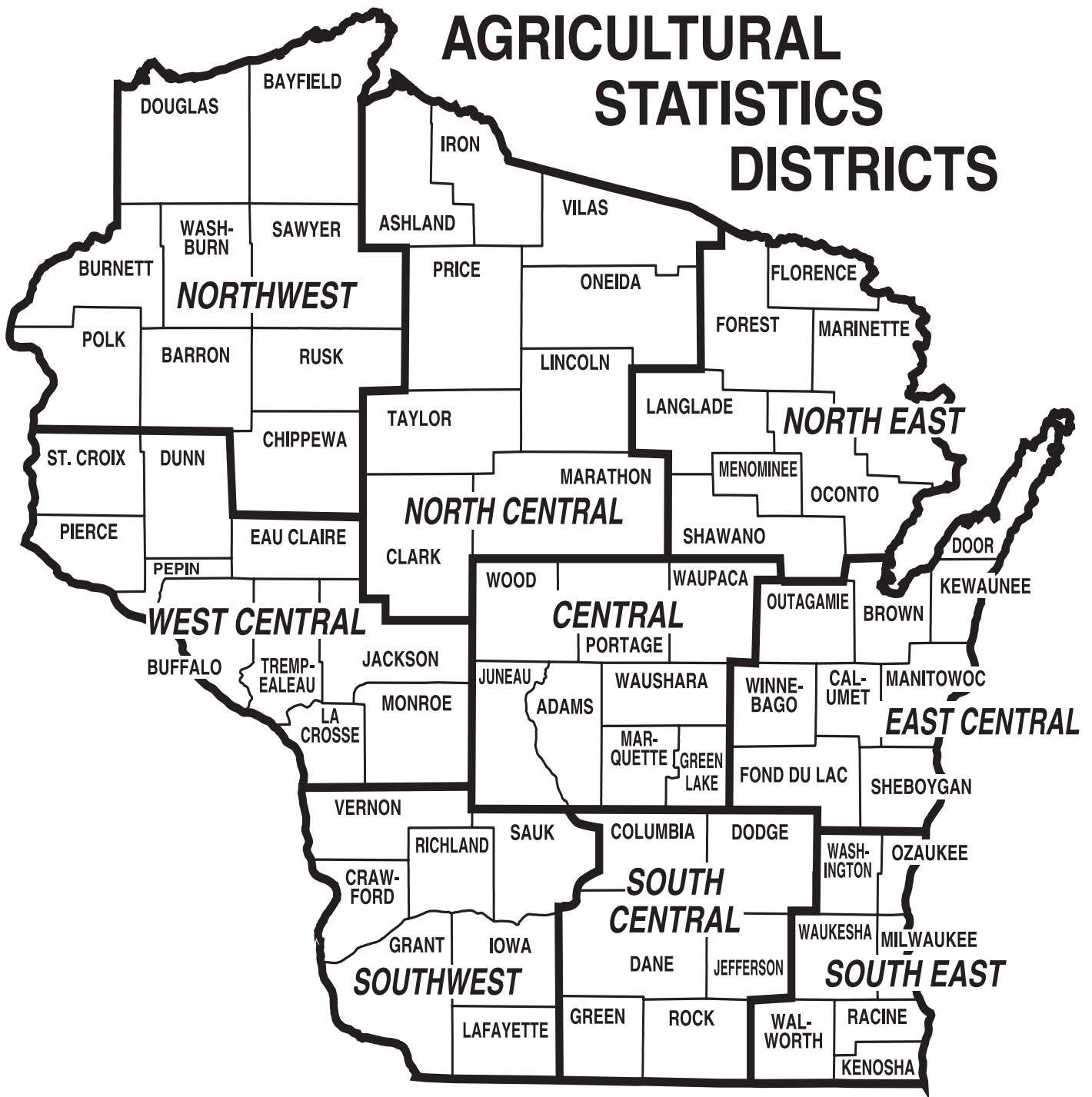




2017
Wisconsin
Agricultural
Statistics

AGRICULTURAL STATISTICS DISTRICTS



Price \$10.00



United States Department of Agriculture
National Agricultural Statistics Service



Cooperating with the Wisconsin Department of Agriculture, Trade and Consumer Protection
Wisconsin Field Office 2811 Agriculture Dr. · Madison, WI 53718-6777
(608) 224-4848 · (855) 271-9802 FAX · www.nass.usda.gov/wi E-mail: NASSRFOUMR@nass.usda.gov

A Cooperative Function of:

**WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE
AND CONSUMER PROTECTION**

Jeff Lyon, *Interim Secretary*
Laurie Lawrence, *Art Director*

**UNITED STATES DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service**

Hubert Hamer, *Administrator*
Kevin Barnes, *Director for Western Field Operations*

Compiled by:

USDA NASS, WISCONSIN FIELD OFFICE

Greg Bussler, *State Statistician*
Audra Hubbell, Adrien Joyner, Heidi Woodstock

2017 Wisconsin Agricultural Statistics

The USDA's National Agricultural Statistics Service (NASS), Wisconsin Field Office is pleased to team with Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP) to provide you with the 2017 edition of *Wisconsin Agricultural Statistics*. This publication, which is available on our website, is a statistical profile of Wisconsin's agriculture and includes information at the county level.

In 2016, Wisconsin maintained its position as the number one state in American, cheddar and total cheese production, dry whey for human consumption, milk goat inventory, mink pelts produced, corn harvested for silage, snap beans for processing, and cranberry production. Wisconsin cows produced 14 percent of the nation's milk supply. Wisconsin also ranked second in the number of organic farms. In 2016, crop conditions were some of the best ever, and Wisconsin set a record corn for grain yield of 178 bushels per acre and a yield of 55 bushels per acre for soybeans. Throughout this publication you will find many other interesting statistics about Wisconsin's diverse and dynamic agriculture industry.

NASS has begun preparations for the 2017 Census of Agriculture. Questionnaires will be mailed to every farm in the United States starting in December. We encourage all Wisconsin farmers to complete the Census of Agriculture as soon as they receive the questionnaire. The Census of Agriculture is the only uniform, comprehensive and impartial agriculture data for every county in the nation. Data from the Census of Agriculture is used in developing farm policy and programs, infrastructure funding, and other important agribusiness decisions. More details about the upcoming Census of Agriculture can be found at www.agcensus.usda.gov.

Publication and dissemination of agricultural statistics is only possible with cooperation of farmers, agribusiness, commodity groups, and countless others who gave their valuable time to provide the information for the content within this publication. Without their cooperation and support in providing timely and accurate data, this information would not be available to the agricultural community in Wisconsin.

I also want to thank the National Association of State Departments of Agriculture enumerators for their outstanding effort in collecting and providing quality statistics for Wisconsin. In addition, the Wisconsin Field Office has a dedicated staff who put this publication together. Everyone is committed to the work they do, and I am thankful for their dedication to Wisconsin agriculture.

I hope you find this information beneficial for your agricultural interests. Throughout the year, NASS releases many other reports which are posted at www.nass.usda.gov. Please contact me anytime with your comments, questions, or requests for assistance.

Sincerely,

Greg A. Bussler
State Statistician

September 2017



State of Wisconsin
Governor Scott Walker

Department of Agriculture, Trade and Consumer Protection

Thank you for taking a look at the *2017 Wisconsin Agricultural Statistics*. I hope you find this publication as beneficial as we do at the Wisconsin Department of Agriculture, Trade and Consumer Protection. Whether you are looking for one specific fact or paging through to get a big picture of Wisconsin agriculture, you are in the right place.

In agriculture, farmers are always working to do more with less, and in 2016, farmers delivered just that in our fields and orchards. Wisconsin celebrated record high production levels and yields per acre for corn for grain and soybeans. Last year, Wisconsin farmers grew 178 bushels of corn for grain per acre and 55 bushels of soybeans per acre. The state's cranberry farmers also produced the highest yield on record, at 288 barrels per acre, maintaining Wisconsin's leadership as the top producer. The state's cherry growers boasted a yield of 8,000 pounds per acre, which is, again, the highest on record.

Wisconsin continues to maintain its leadership as America's Dairyland with more dairy farms than any other state. In 2016, Wisconsin surpassed 30 billion pounds of milk production in a single year for the first time. The state's dairy processors set a record of their own, producing 3.2 billion pounds of cheese. Wisconsin's contribution to the growing specialty cheese industry continues to be evident. In 2016, 24 percent of Wisconsin's total cheese production was specialty cheese.

If you only have a moment, note Wisconsin's rank in agriculture nationally on page three. Wisconsin is first in the nation in a variety of areas from milk goats to snap beans for processing to mink pelts. Our diversity in Wisconsin is indeed our greatest strength. On that page, you will see what makes me so proud to be part of Wisconsin agriculture and optimistic for what is yet to come.

I appreciate the work of the National Agricultural Statistics Service to compile this information annually. This publication would not be possible without the contributions from Wisconsin farmers or the support of the agricultural industry. Each year, the *Wisconsin Agricultural Statistics* allows us all to understand our current landscape, compare historical patterns and plan for the future. Thank you for being a part of it.

Sincerely,

Jeff Lyon
Interim Secretary



Agriculture generates \$88 billion for Wisconsin

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Wisconsin Agriculture and Economics

Wisconsin cash receipts from farm marketings totaled \$10.7 billion in 2016, a 5 percent decrease from 2015. Receipts from livestock, dairy, and poultry comprised 68 percent of the total marketings of all commodities, compared to 71 percent the previous year. Milk sales totaled \$5.02 billion in 2016, down 2 percent from the previous year's total. During the same period, sales of meat animals fell 22 percent and poultry and eggs sales fell 32 percent. Miscellaneous livestock sales rose less than one percent overall, including a 7 percent increase in trout sales. Mink pelt sales fell 1 percent and honey sales decreased 4 percent.

In 2016, cash receipts for all Wisconsin crops totaled \$3.42 billion, up 5 percent from 2015. Sales of feed crops fell 4 percent from 2015. Corn sales were down 2 percent, to \$1.32 billion in 2016. Soybean receipts, at \$885 million, were up 22 percent. Total vegetable marketings rose 9 percent. Potato sales were up 1 percent and snap beans for processing were down 32 percent. Sweet corn for processing receipts were down 23 percent while fresh sweet corn receipts were up 16 percent. Fruit and nut receipts were up 15 percent overall, with apples down 22 percent, tart cherries up 34 percent, and cranberries up 27 percent.

Wisconsin farm production expenditures totaled \$10.9 billion in 2016, the same as the previous year. Feed expenses rose 4 percent to \$1.95 billion. This represented the largest single production expense for Wisconsin farmers in 2016, accounting for 18 percent of the total. Farm services were the second largest expense, totaling \$1.55 billion and 14 percent of the total. This was up 1 percent from 2015. Expenses also rose for agricultural chemicals, labor, livestock, poultry and related expenses, farm supplies and repairs, and farm improvements and construction. Labor expenses saw the largest increase, up 22 percent from 2015. All other categories of expenses were down from the previous year. Expenditures per Wisconsin farm averaged \$158,806 in 2016, 6 percent less than the national average of \$169,035 per farm.

In 2016, the total number of agricultural land sales in Wisconsin decreased slightly, though the total acreage sold increased. The average value of all agricultural land sold rose 1 percent to \$5,534 per acre. The average value of land continuing in agricultural use rose 2 percent to \$5,483 per acre, while land being diverted to other uses rose less than 1 percent to \$7,085 per acre. The East Central, Southwest, South Central and Southeast districts continued to have the highest prices overall. The total number of transactions fell to 1,561 in 2016. The number of transactions where the land continued in agricultural rose by 6 and the number of transactions where the land was diverted to other uses fell by 17. The total number of acres sold rose 3 percent to 101,244.

There were 68,700 farms in Wisconsin in 2016, down 200 from 2015. The number of farms with sales of \$500,000 to \$999,999 and with sales over \$1,000,000 increased by 50 farms each. The number of farms with sales of \$100,000 to \$249,999 remained the same. The number of farms with sales of \$1,000 to 9,999, \$10,000 to \$99,999, and \$250,000 to \$499,999 all decreased. Land in farms totaled 14.4 million acres, the same as the previous year. The average size of a Wisconsin farm increased 1 acre to 210 acres.



WISCONSIN'S RANK IN THE NATION'S AGRICULTURAL PRODUCTION, 2016

Commodity	Rank Among States	Unit	Wisconsin (Thousands)	Percent of U.S.	United States (Thousands)	Leading State
DAIRY						
Milk production	2	Lbs.	30,123,000	14.2	212,436,000	California
Cheese, total (excluding cottage cheese)	1	Lbs.	3,239,035	26.6	12,157,697	Wisconsin
American	1	Lbs.	954,615	20.1	4,756,200	Wisconsin
Cheddar	1	Lbs.	652,473	19.1	3,424,719	Wisconsin
Hispanic	2	Lbs.	85,400	32.1	266,254	California
Italian	1	Lbs.	1,641,980	31.0	5,292,643	Wisconsin
Mozzarella	2	Lbs.	1,092,135	26.5	4,113,773	California
Dry whey, human food	1	Lbs.	312,946	33.6	932,277	Wisconsin
LIVESTOCK AND POULTRY						
Cattle and calves, all 1/	9	Head	3,550	3.8	93,585	Texas
Milk cows 1/	2	Head	1,280	13.7	9,349	California
Hogs and pigs, all 2/	19	Head	325	0.5	71,500	Iowa
Sheep 1/	20	Head	76	1.5	5,200	Texas
Milk goats 1/	1	Head	44	11.8	373	Wisconsin
Chickens 2/	21	Head	6,602	1.3	494,524	Iowa
Broilers	19	Head	54,100	0.6	8,776,700	Georgia
Eggs	18	Eggs	1,618,800	1.6	101,952,700	Iowa
Mink pelts	1	Pelts	1,196	36.1	3,317	Wisconsin
Honey	12	Lbs.	3,348	2.1	161,882	North Dakota
CROPS						
Corn for grain	8	Bu.	573,160	3.8	15,148,038	Iowa
Corn for silage	1	Tons	16,590	13.2	125,670	Wisconsin
Oats	4	Bu.	6,600	10.2	64,770	South Dakota
Soybeans	12	Bu.	107,250	2.5	4,306,671	Illinois
Wheat, winter	18	Bu.	19,750	1.2	1,671,532	Kansas
Forage (dry equivalent), all	2	Tons	8,607	9.5	90,737	Texas
Hay (dry only), all	13	Tons	3,926	2.9	134,781	Texas
Potatoes, all	3	Cwt.	28,058	6.4	440,725	Idaho
Apples	11	Lbs.	41,000	0.4	11,273,500	Washington
Cherries, tart	4	Lbs.	13,600	4.1	329,300	Michigan
Cranberries	1	Barrels	6,130	63.7	9,627	Wisconsin
Maple syrup	4	Gals.	235	5.6	4,207	Vermont
Peppermint for oil	5	Lbs.	183	3.2	5,800	Idaho
Cabbage, all	2	Cwt.	3,987	17.6	22,665	California
Carrots, all	3	Cwt.	2,136	7.0	30,306	California
Cucumbers, all	6	Cwt.	678	3.8	17,688	Michigan
Green peas, all	3	Cwt.	1,263	18.4	6,877	Washington
Pumpkins, all	15	Cwt.	201	1.3	16,070	Illinois
Snap beans, all	1	Cwt.	7,279	36.3	20,030	Wisconsin
Sweet corn, all	3	Cwt.	10,317	14.0	73,926	Washington

1/January 1, 2017 inventory. 2/December 1, 2016.

FARMS AND LAND IN FARMS, WISCONSIN, BY SALES CLASS, 2012-2016 1/

Year	\$1,000- \$9,999	\$10,000- \$99,999	\$100,000- \$249,999	\$250,000- \$499,999	\$500,000- \$999,999 2/	\$1,000,000 & over 2/	Total
NUMBER OF FARMS							
Number							
2012	31,000	21,300	7,500	5,000	5,000	(NA)	69,800
2013	31,000	21,200	7,500	5,000	2,800	2,300	69,800
2014	30,500	21,000	7,400	4,900	2,900	2,300	69,000
2015	30,500	21,000	7,300	4,900	2,850	2,350	68,900
2016	30,400	20,900	7,300	4,800	2,900	2,400	68,700
LAND IN FARMS							
1,000 Acres							
2012	2,100	2,900	2,000	2,100	5,500	(NA)	14,600
2013	2,100	2,900	2,000	2,100	2,000	3,500	14,600
2014	2,000	2,900	1,950	2,050	2,050	3,550	14,500
2015	1,950	2,900	1,900	2,050	2,050	3,550	14,400
2016	1,950	2,850	1,950	2,050	2,050	3,550	14,400
AVERAGE FARM SIZE							
Acres							
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	209
2013	68	137	267	420	714	1,522	209
2014	66	138	264	418	707	1,543	210
2015	64	138	260	418	719	1,511	209
2016	64	136	267	427	707	1,479	210

(NA) Not available. 1/ A farm is defined as "any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year." 2/ Beginning in 2013, the \$500,000-\$999,999 and \$1,000,000 and over categories are published separately. Prior to that, the information was combined in the \$500,000 and over category.

**AGRICULTURAL CASH RENTS:
WISCONSIN, 2013-2017**

Year	Cropland rented for cash	Pasture rented for cash
Dollars per acre		
2013	124.00	35.00
2014	135.00	34.00
2015	134.00	34.00
2016	137.00	35.00
2017	139.00	40.00

**AGRICULTURAL LAND VALUES: AVERAGE
VALUE PER ACRE, WISCONSIN, 2013-2017 1/**

Year	Farm real estate 2/	Cropland	Pasture
Dollars per acre			
2013	4,100	4,010	2,000
2014	4,400	4,350	2,150
2015	4,700	4,700	2,250
2016	4,750	4,900	2,300
2017	5,200	5,200	2,350

1/Value at which the land could be sold under current market conditions. 2/Value includes land and buildings.

**HIRED WORKERS: ANNUAL AVERAGE WAGE
RATES, GREAT LAKES REGION, 2012-2016 1/ 2/**

Year	All hired	Field	Field and livestock
Dollars per hour			
2012	12.05	11.55	11.30
2013	12.15	11.96	11.49
2014	12.18	11.73	11.56
2015	12.86	12.11	12.02
2016	13.30	13.17	12.75

1/The annual average wage rates are averages of the published wage rates from each quarter's reference week weighted by the total hours worked during the week. 2/The Great Lakes Region consists of Wisconsin, Minnesota, and Michigan.

**FARM COMPUTER USAGE:
WISCONSIN, 2007-2017**

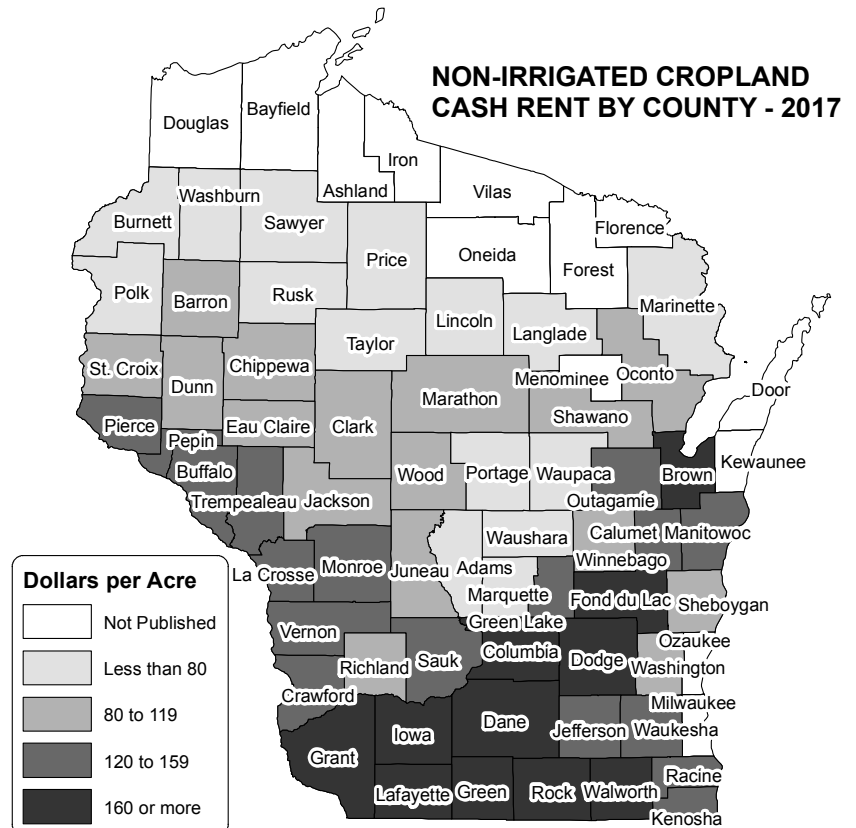
Year	Farms with computer access	Farms using computer for farm business	Farms with Internet access
Percent			
2007	69	38	58
2009	73	41	67
2011	73	42	67
2013	76	46	72
2015	77	47	72
2017	77	49	73

NON-IRRIGATED CROPLAND CASH RENT: VALUE, BY COUNTIES, WISCONSIN, 2016 & 2017 1/

County	2016	2017
Dollars per acre		
Barron	72.00	83.50
Bayfield	25.00	-
Burnett	44.00	46.00
Chippewa	95.00	117.00
Douglas	15.00	-
Polk	73.50	77.00
Rusk	66.00	70.00
Sawyer	35.00	41.50
Washburn	56.00	51.00
Other Counties	-	26.00
Northwest	71.00	84.50
Ashland	18.00	-
Clark	87.00	105.00
Iron	-	-
Lincoln	44.00	56.00
Marathon	79.50	95.50
Oneida	-	-
Price	28.00	35.00
Taylor	83.00	78.00
Vilas	-	-
Other Counties	38.00	29.50
North Central	77.00	90.00
Florence	-	-
Forest	-	-
Langlade	82.00	79.00
Marinette	96.00	66.50
Menominee	-	-
Oconto	110.00	119.00
Shawano	97.00	99.00
Other Counties	19.00	15.50
Northeast	97.00	95.50
Buffalo	121.00	131.00
Dunn	99.50	102.00
Eau Claire	86.00	88.50
Jackson	99.50	108.00
La Crosse	132.00	152.00
Monroe	132.00	130.00
Pepin	130.00	144.00
Pierce	135.00	152.00
St Croix	103.00	98.00
Trempealeau	130.00	124.00
West Central	116.00	120.00
Adams	74.00	77.00
Green Lake	143.00	133.00
Juneau	91.50	90.50
Marquette	53.00	75.50
Portage	52.00	66.00
Waupaca	87.00	79.00
Waushara	56.00	53.00
Wood	65.00	104.00
Central	83.00	88.50
Brown	181.00	165.00
Calumet	155.00	134.00
Door	81.00	-
Fond du Lac	156.00	173.00
Kewaunee	144.00	-
Manitowoc	159.00	158.00
Outagamie	108.00	124.00
Sheboygan	107.00	108.00
Winnebago	98.00	91.50
Other Counties	-	134.00
East Central	143.00	143.00

County	2016	2017
Dollars per acre		
Crawford	124.00	134.00
Grant	192.00	185.00
Iowa	199.00	169.00
Lafayette	227.00	230.00
Richland	103.00	107.00
Sauk	125.00	127.00
Vernon	129.00	140.00
Southwest	172.00	167.00
Columbia	179.00	189.00
Dane	172.00	180.00
Dodge	176.00	199.00
Green	169.00	164.00
Jefferson	156.00	148.00
Rock	182.00	161.00
South Central	173.00	175.00
Kenosha	152.00	139.00
Milwaukee	-	-
Ozaukee	-	-
Racine	133.00	128.00
Walworth	190.00	184.00
Washington	120.00	108.00
Waukesha	114.00	128.00
Other Counties	103.00	95.50
Southeast	144.00	135.00
Wisconsin	131.00	133.00

1/ Some counties were not published to avoid disclosure of individual operations. Unpublished data is included in "other counties."



FARM INCOME INDICATIONS: WISCONSIN, 2012-2016 1/

Commodity	2012	2013	2014	2015	2016
	Thousand dollars				
Value of crop production	3,811,159	4,123,863	3,610,826	3,171,523	3,526,095
Crop cash receipts	4,733,109	4,124,671	3,354,304	3,260,987	3,416,824
Feed crops	2,407,752	2,005,722	1,577,730	1,467,082	1,405,386
Food grains	144,437	103,976	91,825	70,620	71,763
Fruits and nuts	257,361	224,814	180,650	176,800	203,242
Oil crops	1,059,644	874,420	689,426	725,898	885,004
Vegetables and melons	476,037	548,005	456,972	467,545	508,642
All other crops	387,877	367,734	357,702	353,042	342,788
Home consumption	2,628	3,013	2,846	3,082	2,635
Inventory adjustment 2/	-924,578	-3,821	253,675	-92,546	106,636
Value of animals and products production	7,396,542	7,759,108	9,560,469	8,043,040	7,391,051
Animals and products cash receipts	7,254,000	7,865,502	9,401,629	8,029,123	7,308,798
Dairy products, Milk	5,229,464	5,541,494	6,745,095	5,121,238	5,016,984
Meat animals	1,392,624	1,698,958	1,990,709	2,234,309	1,738,140
Miscellaneous livestock	347,854	320,862	331,105	297,622	298,314
Poultry and eggs	284,059	304,188	334,719	375,953	255,361
Home consumption	21,676	17,750	14,429	14,764	14,730
Inventory adjustment 2/	120,866	-124,144	144,411	-846	67,524
Farm-related income	1,756,064	1,923,497	1,557,424	1,755,854	1,381,203
Forest products sold	5,889	9,138	18,937	20,631	28,885
Gross imputed rental value of farm dwellings	777,960	736,954	678,255	670,126	688,550
Machine hire and customwork	147,510	67,246	105,696	302,921	141,301
Other farm income	824,706	1,110,159	754,536	762,175	522,468
Total commodity insurance indemnities	306,936	544,656	323,969	238,632	84,169
Federal commodity insurance indemnities	288,016	477,525	298,705	206,318	42,648
Net cash rent received by operator landlords 3/	78,641	72,613	114,820	96,672	103,044
Value of agricultural sector production	12,963,765	13,806,467	14,728,718	12,970,417	12,298,349
Intermediate product expenses 4/	7,092,951	7,332,853	7,898,342	6,890,296	6,907,133
Farm origin	2,783,938	2,937,465	3,321,883	2,740,153	2,780,529
Feed purchases	1,940,000	2,060,000	2,350,000	1,880,000	1,950,000
Livestock and poultry purchases	163,938	137,465	181,883	190,153	180,529
Seed purchases	680,000	740,000	790,000	670,000	650,000
Manufactured inputs	1,971,155	1,993,965	2,080,894	1,709,436	1,642,279
Electricity	205,258	214,777	245,239	208,796	237,000
Fertilizer, lime, and soil conditioners	890,000	880,000	890,000	780,000	710,000
Pesticides	310,000	350,000	340,000	320,000	330,000
Fuel and oils	565,897	549,188	605,655	400,640	365,279
Other intermediate expenses 4/	2,337,858	2,401,422	2,495,565	2,440,707	2,484,326
Machine hire and custom work	208,459	211,841	206,041	233,943	210,167
Marketing, storage, and transportation	300,821	232,896	321,149	357,763	347,064
Repair and maintenance 4/	683,515	684,353	752,821	675,609	745,287
Miscellaneous expenses 4/	1,145,063	1,272,333	1,215,555	1,173,392	1,181,808
Total insurance premiums 5/	303,180	327,851	336,485	329,114	310,241
Federal commodity insurance premiums	96,759	103,561	95,245	88,080	76,944
Irrigation	914	199	504	517	821
Contract labor	35,432	15,282	27,555	26,761	22,903
Net government transactions	-100,744	-194,025	-437,641	-157,862	-132,043
Direct government payments	281,827	221,822	92,142	305,627	265,265
Property taxes and fees 4/	382,571	415,847	529,783	463,489	397,308
Motor vehicle registration and licensing fees	12,571	15,847	19,783	13,489	17,308
Gross value added	5,734,638	6,264,308	6,365,180	5,895,498	5,236,270
Capital consumption 4/	1,100,491	1,193,061	1,570,087	1,369,343	1,429,631
Net value added	4,634,147	5,071,247	4,795,093	4,526,155	3,806,640
Factor payments to stakeholders	2,001,766	1,907,608	2,036,688	1,834,450	2,091,611
Hired labor and non-cash employee compensation	924,568	924,718	1,012,445	853,239	1,047,097
Net rent paid to operator landlords	80,445	77,780	118,736	98,449	105,532
Net rent paid to nonoperator landlords	322,781	312,087	278,430	230,859	247,468
Total interest expenses 4/	673,971	593,022	627,077	651,902	691,514
Net farm income	2,632,381	3,163,639	2,758,405	2,691,706	1,715,029

1/Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. 2/A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales. 3/Share rent income is included in cash receipts. 4/Including expenses associated with operator dwellings. 5/Includes federal and private crop and livestock insurance premiums as well as casualty, hail, motor vehicle and all other insurance premiums. Source: Economic Research Service, USDA

CASH RECEIPTS FROM FARM MARKETINGS, BY COMMODITIES, WISCONSIN, 2012-2016 1/

Commodity	2012		2013		2014		2015		2016	
	1,000 dollars	% of total	1,000 dollars	% of total	1,000 dollars	% of total	1,000 dollars	% of total	1,000 dollars	% of total
All commodities	11,987,109		11,990,173		12,755,933		11,290,109		10,725,623	
Animals and products	7,254,000	60.5	7,865,502	65.6	9,401,629	73.7	8,029,123	71.1	7,308,798	68.1
Meat animals	1,392,624	11.6	1,698,958	14.2	1,990,709	15.6	2,234,309	19.8	1,738,140	16.2
Cattle and calves	1,263,448	10.5	1,562,064	13.0	1,854,396	14.5	2,128,331	18.9	1,639,375	15.3
Hogs	129,176	1.1	136,894	1.1	136,313	1.1	105,978	0.9	98,765	0.9
Dairy products, Milk	5,229,464	43.6	5,541,494	46.2	6,745,095	52.9	5,121,238	45.4	5,016,984	46.8
Poultry and eggs	284,059	2.4	304,188	2.5	334,719	2.6	375,953	3.3	255,361	2.4
Broilers	111,100	0.9	130,809	1.1	142,879	1.1	121,803	1.1	108,602	1.0
Chicken eggs	101,214	0.8	115,879	1.0	129,992	1.0	187,719	1.7	79,083	0.7
Farm chickens	345	*	312	*	504	*	529	*	337	*
Turkeys	71,400	0.6	57,188	0.5	61,344	0.5	65,902	0.6	67,339	0.6
Misc. animals and products	347,854	2.9	320,862	2.7	331,105	2.6	297,622	2.6	298,314	2.8
Trout	2,067	*	1,679	*	1,537	*	1,462	*	1,558	*
Honey	8,487	0.1	8,425	0.1	6,812	0.1	8,466	0.1	8,169	0.1
Mohair	16	*	18	*	20	*	19	*	18	*
Other animals and products	336,954	2.8	310,460	2.6	322,473	2.5	287,402	2.5	288,331	2.7
Mink pelts	99,070	0.8	63,617	0.5	73,207	0.6	42,132	0.4	41,871	0.4
Wool	330	*	280	*	263	*	274	*	238	*
Crops	4,733,109	39.5	4,124,671	34.4	3,354,304	26.3	3,260,987	28.9	3,416,824	31.9
Food grains	144,437	1.2	103,976	0.9	91,825	0.7	70,620	0.6	71,763	0.7
Rye	1,981	*	2,971	*	4,397	*	5,285	*	5,638	0.1
Wheat	142,456	1.2	101,005	0.8	87,428	0.7	65,336	0.6	66,125	0.6
Feed crops	2,407,752	20.1	2,005,722	16.7	1,577,730	12.4	1,467,082	13.0	1,405,386	13.1
Barley	1,087	*	1,398	*	1,128	*	1,033	*	355	*
Corn	2,287,737	19.1	1,816,705	15.2	1,378,247	10.8	1,343,143	11.9	1,315,228	12.3
Hay	108,024	0.9	176,909	1.5	183,098	1.4	109,063	1.0	83,076	0.8
Oats	10,905	0.1	10,711	0.1	15,256	0.1	13,842	0.1	6,727	0.1
Oil crops	1,059,644	8.8	874,420	7.3	689,426	5.4	725,898	6.4	885,004	8.3
Soybeans	1,059,644	8.8	874,420	7.3	689,426	5.4	725,898	6.4	885,004	8.3
Vegetables and melons	476,037	4.0	548,005	4.6	456,972	3.6	467,545	4.1	508,642	4.7
Dry beans	5,670	*	5,737	*	8,521	0.1	9,824	0.1	3,341	*
Potatoes, Fall	248,102	2.1	249,390	2.1	257,078	2.0	259,566	2.3	261,217	2.4
Beans, Green lima, Processing	2,040	*	1,808	*	1,867	*	1,912	*	4,502	*
Beans, Snap 2/	76,944	0.6	101,452	0.8	57,633	0.5	66,472	0.6	45,362	0.4
Cabbage 3/	8,625	0.1	14,235	0.1	10,295	0.1	15,786	0.1	95,113	0.9
Carrots 2/	10,356	0.1	12,362	0.1	9,569	0.1	9,652	0.1	10,071	0.1
Corn, Sweet	78,688	0.7	100,119	0.8	62,212	0.5	57,061	0.5	49,376	0.5
Corn, Sweet, Fresh	11,674	0.1	12,550	0.1	10,035	0.1	13,976	0.1	16,180	0.2
Corn, Sweet, Processing	67,014	0.6	87,569	0.7	52,177	0.4	43,085	0.4	33,196	0.3
Cucumbers 2/	7,824	0.1	11,062	0.1	10,039	0.1	9,538	0.1	12,642	0.1
Onions, Storage	7,223	0.1	12,480	0.1	13,073	0.1	10,624	0.1	(NA)	(NA)
Peas, Green 2/	30,566	0.3	39,360	0.3	26,685	0.2	27,110	0.2	12,822	0.1
Pumpkins	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3,572	*
Fruits and nuts	257,361	2.1	224,814	1.9	180,650	1.4	176,800	1.6	203,242	1.9
Apples	19,066	0.2	23,382	0.2	31,202	0.2	27,825	0.2	21,819	0.2
Cherries, Tart	1,885	*	4,318	*	4,808	*	3,049	*	4,076	*
Cranberries	230,672	1.9	190,679	1.6	138,370	1.1	140,146	1.2	177,347	1.7
Strawberries	5,738	*	6,435	0.1	6,270	*	5,780	0.1	(NA)	(NA)
All other crops	387,877	3.2	367,734	3.1	357,702	2.8	353,042	3.1	342,788	3.2
Maple products	3,010	*	9,911	0.1	6,680	0.1	7,117	0.1	7,873	0.1
Mint	6,848	0.1	4,648	*	5,289	*	5,093	*	4,557	*
Peppermint oil	6,351	0.1	4,207	*	3,542	*	3,507	*	4,557	*
Spearmint oil	497	*	441	*	1,746	*	1,586	*	(NA)	(NA)
Mushrooms	2,636	*	2,647	*	2,675	*	2,856	*	2,855	*
Miscellaneous crops	375,383	3.1	350,528	2.9	343,058	2.7	337,975	3.0	327,503	3.1

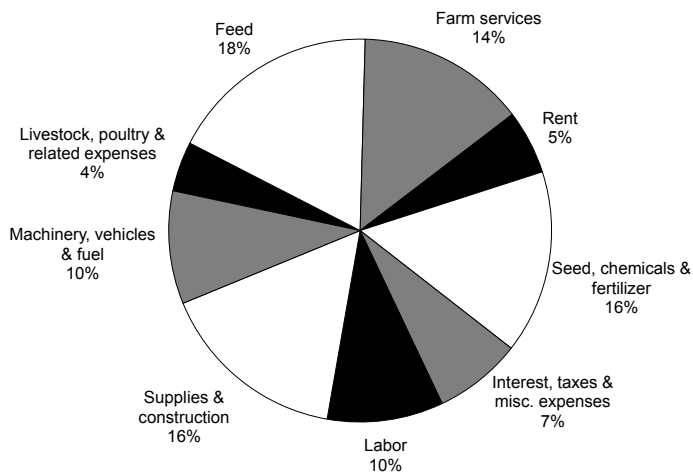
* = Less than .05 percent of all commodities. (NA) = Not available. 1/USDA estimates and publishes individual cash receipt values only for major commodities. The U.S. receipts for individual commodities may understate the value of sales for some commodities, with the balance included in the appropriate category labeled "other" or "miscellaneous." The degree of estimation error in some of the minor commodities can be substantial. Percents of total may not add due to machine rounding. 2/Estimates for 2016 and earlier include processing only. Estimates for 2017 and later include both fresh market and processing. 3/Estimates for 2016 and earlier include fresh market only. Estimates for 2017 and later include both processing and fresh market. Source: Economic Research Service, USDA.

FARM PRODUCTION EXPENDITURES: WISCONSIN AND UNITED STATES, 2015-2016

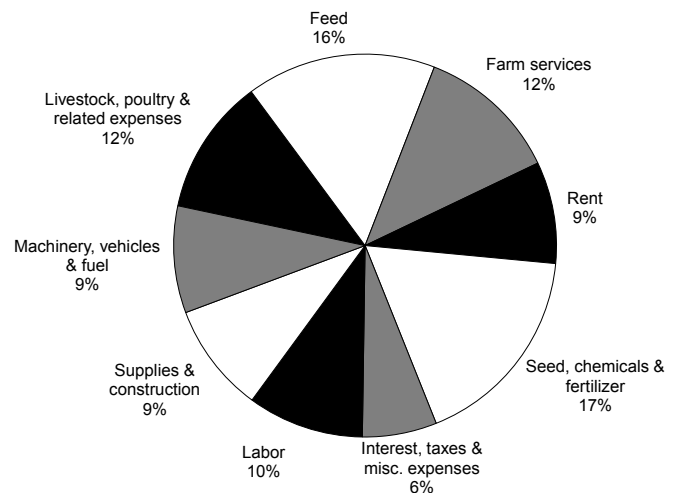
Expenditure - farm share	Wisconsin				United States 1/			
	Average per farm 2/		Total expenditure		Average per farm 2/		Total expenditure	
	2015	2016	2015	2016	2015	2016	2015	2016
	Dollars		Million dollars		Dollars		Million dollars	
Total farm production expenditures 3/	158,345	158,806	10,910	10,910	176,181	169,035	362,800	346,900
Livestock, poultry & related expenses 4/	6,531	6,696	450	460	22,047	19,491	45,400	40,000
Feed	27,286	28,384	1,880	1,950	28,408	27,092	58,500	55,600
Farm services 5/	22,206	22,562	1,530	1,550	20,202	20,319	41,600	41,700
Rent 6/	8,563	8,588	590	590	15,054	14,521	31,000	29,800
Agricultural chemicals 7/	4,644	4,803	320	330	7,090	7,407	14,600	15,200
Fertilizer, lime & soil conditioners 7/	11,321	10,335	780	710	12,383	11,451	25,500	23,500
Interest	6,241	6,114	430	420	4,613	4,434	9,500	9,100
Taxes (real estate & property)	6,531	5,531	450	380	6,216	5,799	12,800	11,900
Labor	12,772	15,575	880	1,070	15,443	16,616	31,800	34,100
Fuels	5,515	4,803	380	330	5,973	5,506	12,300	11,300
Farm supplies & repairs 8/	11,611	12,227	800	840	9,081	8,576	18,700	17,600
Farm improvements & construction 9/	13,062	13,246	900	910	7,818	7,065	16,100	14,500
Tractors and self-propelled farm machinery	5,806	5,240	400	360	5,779	5,165	11,900	10,600
Other farm machinery	4,499	3,639	310	250	2,962	2,436	6,100	5,000
Seeds & plants 10/	9,724	9,461	670	650	10,344	10,623	21,300	21,800
Trucks & autos	1,742	1,456	120	100	2,428	2,144	5,000	4,400
Misc capital expenses 11/	290	146	20	10	340	390	700	800

1/Excludes Alaska and Hawaii. 2/Total expenditures divided by total number of farms. Items may not sum to total due to rounding. 3/Includes landlord and contractor share of farm production expenses. 4/Includes purchases and leasing of livestock and poultry. 5/Includes all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, general and miscellaneous business expenses, and utilities. 6/Includes public and private grazing fees. 7/Includes material and application costs. 8/Includes bedding and litter, marketing containers, power farm shop equipment, purchases of miscellaneous equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry. 9/Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if owned by operation), and any improvements to physical structures of the land. 10/Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment. 11/Includes any capital expense not recorded in specific items on the questionnaires.

**FARM PRODUCTION EXPENDITURES
Wisconsin, 2016**



**FARM PRODUCTION EXPENDITURES
United States, 2016**



LAND IN CERTIFIED ORGANIC FARMS: WISCONSIN AND UNITED STATES, 2016

Organic Land	Wisconsin		United States	
	Farms	Acres	Farms	Acres
Total certified organic acres operated	1,276	219,266	14,185	5,019,496
Cropland	1,241	167,396	13,560	2,714,498
Pasture and Rangeland	800	51,870	5,587	2,304,998
Land owned	1,161	142,580	12,309	2,322,418
Land rented from others	659	78,907	6,091	2,748,105
Land rented to others	53	2,221	412	51,027

ORGANIC FIELD CROPS: PRODUCTION AND SALES, CERTIFIED ORGANIC FARMS, WISCONSIN, 2016

Crop and unit	Harvested			Total Value of Sales		
	Farms	Acres	Quantity	Farms	Quantity	Dollars
Barley (bu)	121	4,171	224,856	63	79,883	587,950
Corn for Grain (bu)	648	27,855	3,056,463	379	1,451,600	11,684,696
Corn for Silage (tons)	242	8,000	130,066	19	8,819	479,470
Dry Edible Beans (cwt)	10	467	5,968	10	5,441	537,413
Hay, Dry (tons)	651	45,025	153,942	233	26,993	3,401,199
Hay, Dry, Alfalfa and Alfalfa Mixtures (tons)	462	32,389	118,164	156	18,839	2,596,183
Hay, All Other Dry Hay (tons)	228	12,636	35,778	89	8,154	805,016
Haylage (tons)	258	22,458	123,553	45	14,575	1,658,576
Oats (bu)	260	6,410	381,133	100	152,398	882,074
Popcorn (lbs shelled)	3	3	4,600	3	4,600	2,070
Rye (bu)	59	1,435	43,140	42	30,989	317,360
Soybeans (bu)	175	7,102	250,742	146	187,096	3,487,309
Sunflower Seed (lbs)	11	498	410,154	11	407,274	179,197
Tobacco (lbs)	4	30	66,758	4	18,388	55,134
Wheat, All (bu)	81	3,810	188,446	57	147,943	1,290,701
Wheat, Spring (bu)	16	386	13,251	12	7,804	91,092
Wheat, Winter (bu)	66	3,424	175,195	46	140,139	1,199,609

**ORGANIC FRUITS AND VEGETABLES GROWN IN THE OPEN: SELECTED CROPS
HARVESTED AND VALUE OF SALES, CERTIFIED ORGANIC FARMS, WISCONSIN, 2016**

Crop	Harvested		Value of Sales					
			Total		Utilized for fresh market		Utilized for processing	
	Farms	Acres	Quantity	Dollars	Quantity	Dollars	Quantity	Dollars
Cabbage, all (cwt)	70	87	14,926	768,382	14,926	768,382	-	-
Carrots (cwt)	47	27	4,611	601,102	4,611	601,102	-	-
Green peas (tons)	54	1,045	1,413	(D)	16	(D)	1,397	(D)
Onions (cwt)	87	73	13,279	1,398,300	13,279	1,389,300	-	-
Potatoes (cwt)	54	637	145,976	(D)	(D)	(D)	(D)	(D)
Snap Beans 1/	63	1,254	(NA)	(D)	612	(D)	4,509	1,445,558
Squash (cwt)	126	163	17,488	1,016,756	13,706	940,901	3,782	75,855
Sweet Corn (cwt)	46	2,287	265,363	3,145,675	3,146	269,115	262,217	2,876,560
Apples (lbs)	17	76	573,068	(D)	431,348	344,754	141,720	(D)
Cranberries (barrels)	5	153	16,876	2,953,458	626,000	(D)	1,061,646	(D)
Strawberries (cwt)	39	11	442	141,852	442	141,852	-	-

- Represents zero (NA) Not available (D) Withheld to avoid disclosing data for individual farms. 1/ Snap beans for fresh market measured in cwt. Snap beans for processing measured in tons.

**ORGANIC LIVESTOCK, POULTRY, AND LIVESTOCK PRODUCTS:
INVENTORY AND SALES, CERTIFIED ORGANIC FARMS, WISCONSIN, 2016**

Commodity	Inventory			Total Value of Sales		
	Farms	Peak	On December 31	Farms	Number Sold	Dollars
Milk Cows (head)	455	27,980	27,049	397	5,341	5,986,234
Beef Cows (head)	59	2,232	2,117	44	432	700,896
Other Cattle & Calves (head)	527	26,530	24,528	491	17,212	15,751,597
Hogs & Pigs (head)	20	6,702	6,349	18	6,333	2,567,313
Sheep & Lambs (head)	7	117	57	7	44	(D)
Goats & Kids (head)	4	160	56	2	(D)	(D)
Chickens, Layers (head)	109	777,719	736,021	82	425,380	354,962
Chickens, Broilers (head)	18	41,650	19,040	18	118,424	867,273
Turkeys (head)	4	597	-	4	532	24,250
Milk from Cows (lbs)	(X)	(X)	(X)	453	370,627,696	125,933,062
Chicken Eggs (dozen)	(X)	(X)	(X)	106	16,557,884	(D)

- Represents zero. (X) Not applicable. (D) Withheld to avoid disclosing data for individual farms.

AGRICULTURAL LAND SALES: LAND WITHOUT BUILDINGS AND OTHER IMPROVEMENTS, WISCONSIN, 2016 1/

County	Agricultural land continuing in agricultural use			Agricultural land being diverted to other uses			Total of all agricultural land			Range for land continuing in ag use	
	Number of transactions	Acres sold	Dollars per acre	Number of transactions	Acres sold	Dollars per acre	Number of transactions	Acres sold	Dollars per acre	Lowest price	Highest price
Barron	33	2,098	3,079	1	43	9,995	34	2,141	3,218	1,075	5,000
Bayfield	2	82	1,148	1	49	2,286	3	131	1,573	1,000	1,550
Burnett	3	141	1,916	-	-	-	3	141	1,916	1,500	2,055
Chippewa	15	939	3,729	1	51	8,335	16	990	3,967	1,650	6,460
Douglas	8	400	908	-	-	-	8	400	908	786	1,300
Polk	20	946	3,138	1	35	2,951	21	981	3,132	1,450	6,025
Rusk	8	412	1,452	-	-	-	8	412	1,452	1,020	2,207
Sawyer	1	74	2,026	-	-	-	1	74	2,026	2,026	2,026
Washburn	3	66	1,486	1	50	3,434	4	116	2,326	1,411	1,700
NW District	93	5,158	2,812	5	228	5,447	98	5,386	2,923	786	6,460
Ashland	4	90	1,223	-	-	-	4	90	1,223	1,000	1,353
Clark	27	1,404	3,828	1	48	7,800	28	1,452	3,960	2,500	5,500
Iron	-	-	-	1	21	1,200	1	21	1,200	-	-
Lincoln	3	79	2,339	2	52	1,752	5	131	2,106	1,700	3,000
Marathon	39	1,775	3,848	3	56	3,320	42	1,831	3,831	1,550	5,074
Oneida	-	-	-	1	45	1,200	1	45	1,200	-	-
Price	2	33	1,230	-	-	-	2	33	1,230	1,200	1,277
Taylor	7	509	3,331	-	-	-	7	509	3,331	1,500	4,800
Vilas	-	-	-	-	-	-	-	-	-	-	-
NC District	82	3,890	3,659	8	222	3,291	90	4,112	3,640	1,000	5,500
Florence	-	-	-	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-	-	-	-
Langlade	12	886	3,013	-	-	-	12	886	3,013	1,300	4,850
Marinette	9	353	3,610	-	-	-	9	353	3,610	1,750	5,000
Oconto	11	470	4,225	1	19	5,126	12	489	4,260	2,750	5,825
Shawano	17	1,033	5,670	1	47	5,351	18	1,080	5,656	976	7,900
NE District	49	2,742	4,299	2	66	5,286	51	2,808	4,322	976	7,900
Buffalo	21	1,016	3,959	2	38	5,137	23	1,054	4,001	2,600	5,040
Dunn	26	1,146	3,608	-	-	-	26	1,146	3,608	1,274	7,550
Eau Claire	8	305	3,102	4	168	6,113	12	473	4,171	2,000	4,475
Jackson	4	172	3,566	1	11	4,000	5	183	3,592	3,000	4,200
La Crosse	4	130	3,220	1	28	6,575	5	158	3,815	2,500	3,594
Monroe	13	375	2,809	-	-	-	13	375	2,809	2,000	4,375
Pepin	4	306	2,049	-	-	-	4	306	2,049	1,671	4,039
Pierce	18	1,097	3,960	2	55	3,731	20	1,152	3,949	2,900	5,250
St. Croix	24	1,317	4,540	3	43	8,095	27	1,360	4,653	2,700	6,500
Trempealeau	15	933	4,750	3	26	3,354	18	959	4,712	2,152	7,250
WC District	137	6,797	3,909	16	369	5,666	153	7,166	4,000	1,274	7,550
Adams	4	316	3,500	-	-	-	4	316	3,500	3,000	3,800
Green Lake	10	380	6,748	-	-	-	10	380	6,748	3,800	9,500
Juneau	5	362	3,748	-	-	-	5	362	3,748	2,600	4,826
Marquette	5	121	3,198	3	49	2,641	8	170	3,038	2,600	4,100
Portage	12	585	3,328	2	46	3,557	14	631	3,344	2,200	3,600
Waupaca	13	556	4,161	4	99	4,326	17	655	4,186	2,400	5,575
Waushara	8	322	2,839	-	-	-	8	322	2,839	1,600	4,000
Wood	5	292	3,118	-	-	-	5	292	3,118	2,625	3,500
C District	62	2,934	3,919	9	194	3,718	71	3,128	3,907	1,600	9,500
Brown	22	1,041	10,757	-	-	-	22	1,041	10,757	7,000	14,167
Calumet	12	771	9,734	-	-	-	12	771	9,734	7,000	11,000
Door	7	546	3,845	2	14	4,471	9	560	3,861	3,000	5,500
Fond du Lac	19	1,679	7,463	-	-	-	19	1,679	7,463	5,600	12,300
Kewaunee	4	215	6,568	-	-	-	4	215	6,568	5,420	8,030
Manitowoc	7	574	8,348	-	-	-	7	574	8,348	6,500	11,075
Outagamie	23	1,394	7,180	-	-	-	23	1,394	7,180	3,500	12,661
Sheboygan	21	1,252	6,225	-	-	-	21	1,252	6,225	4,200	11,250
Winnebago	15	1,354	6,230	6	152	10,599	21	1,506	6,671	3,380	10,879
EC District	130	8,826	7,452	8	166	10,082	138	8,992	7,501	3,000	14,167

AGRICULTURAL LAND SALES: LAND WITHOUT BUILDINGS AND OTHER IMPROVEMENTS, WISCONSIN, 2016 1/

County	Agricultural land continuing in agricultural use			Agricultural land being diverted to other uses			Total of all agricultural land			Range for land continuing in ag use	
	Number of transactions	Acres sold	Dollars per acre	Number of transactions	Acres sold	Dollars per acre	Number of transactions	Acres sold	Dollars per acre	Lowest price	Highest price
Crawford	12	331	3,268	1	5	3,100	13	336	3,265	1,750	4,000
Grant	21	1,509	5,102	-	-	-	21	1,509	5,102	2,200	9,600
Iowa	21	1,115	5,049	-	-	-	21	1,115	5,049	2,600	9,500
Lafayette	17	1,093	6,805	-	-	-	17	1,093	6,805	2,500	14,000
Richland	10	489	3,586	3	59	3,983	13	548	3,629	1,700	7,451
Sauk	31	1,380	4,069	-	-	-	31	1,380	4,069	2,450	6,000
Vernon	22	988	3,917	-	-	-	22	988	3,917	2,400	5,500
SW District	134	6,905	4,792	4	64	3,914	138	6,969	4,784	1,700	14,000
Columbia	15	1,086	8,013	1	105	10,500	16	1,191	8,232	3,500	10,000
Dane	23	1,649	9,170	1	54	25,650	24	1,703	9,693	2,451	17,000
Dodge	21	1,214	6,527	2	36	4,444	23	1,250	6,467	4,000	9,100
Green	11	800	5,866	2	76	4,500	13	876	5,747	4,120	9,000
Jefferson	16	1,160	7,399	1	12	5,800	17	1,172	7,383	3,850	12,651
Rock	12	725	5,383	1	69	34,900	13	794	7,948	2,500	7,100
SC District	98	6,634	7,375	8	352	15,532	106	6,986	7,786	2,451	17,000
Kenosha	2	67	6,855	-	-	-	2	67	6,855	6,700	7,100
Milwaukee	-	-	-	-	-	-	-	-	-	-	-
Ozaukee	2	78	6,944	-	-	-	2	78	6,944	5,900	8,100
Racine	11	355	6,770	-	-	-	11	355	6,770	5,800	7,500
Walworth	6	619	6,958	-	-	-	6	619	6,958	6,451	7,275
Washington	11	408	7,353	-	-	-	11	408	7,353	3,000	10,750
Waukesha	-	-	-	1	59	8,051	1	59	8,051	-	-
SE District	32	1,527	7,014	1	59	8,051	33	1,586	7,053	3,000	10,750
Wisconsin	817	45,413	5,221	61	1,720	7,558	878	47,133	5,306	786	17,000

AGRICULTURAL LAND SALES: WISCONSIN, 2012-2016 1/

Year	Agricultural land continuing in agricultural use			Agricultural land being diverted to other uses			Total of all agricultural land		
	Number of transactions	Acres sold	Dollars per acre	Number of transactions	Acres sold	Dollars per acre	Number of transactions	Acres sold	Dollars per acre
LAND WITHOUT BUILDINGS AND IMPROVEMENTS									
2012	1,432	83,814	4,414	55	2,454	6,789	1,487	86,268	4,482
2013	1,112	62,982	4,442	56	1,989	5,670	1,168	64,971	4,480
2014	872	48,550	5,037	72	3,238	5,880	944	51,788	5,090
2015	854	49,760	5,131	58	2,266	6,057	912	52,026	5,171
2016	817	45,413	5,221	61	1,720	7,558	878	47,133	5,306
LAND WITH BUILDINGS AND IMPROVEMENTS									
2012	762	61,157	4,891	33	1,823	7,822	795	62,980	4,976
2013	705	53,997	5,198	42	2,430	7,431	747	56,427	5,294
2014	639	48,869	5,775	45	1,479	5,771	684	50,348	5,775
2015	603	43,851	5,669	57	2,068	8,138	660	45,919	5,780
2016	646	52,604	5,708	37	1,507	6,544	683	54,111	5,732
TOTAL									
2012	2,194	144,971	4,615	88	4,277	7,229	2,282	149,248	4,690
2013	1,817	116,979	4,791	98	4,419	6,638	1,915	121,398	4,859
2014	1,511	97,419	5,407	117	4,717	5,846	1,628	102,136	5,428
2015	1,457	93,611	5,383	115	4,334	7,050	1,572	97,945	5,457
2016	1,463	98,017	5,483	98	3,227	7,085	1,561	101,244	5,534

1/ Land sales figures reported in these tables include only averages of 'arm's length' transactions. Sales made under other than normal market conditions (such as family sales or foreclosures) are not included in this report. Sales are reviewed by the Wisconsin Department of Revenue, Bureau of Equalization. With each sale of a parcel of land, the buyer is required to file a Wisconsin Real Estate Transfer Return, documenting the parcel size, sale price, present use, and intended use of the property. State appraisers inspect the site and verify the transfer return. The sales data in this report are a summary of the Wisconsin Real Estate Transfer Returns. Specifics on land sales transactions within a certain county can be obtained by contacting the Department of Revenue directly or at www.revenue.wi.gov/retr. This report was compiled in cooperation with the Wisconsin Department of Revenue, Bureau of Equalization.

Crops

The 2016 planting season opened with soggy field conditions and below normal snow cover due to a warm, wet March. Wet soils in the northern portions of the state delayed the start of tillage and planting there. But fields dried up quickly in the southern portions of the state, and warm, sunny weather during April accelerated early fieldwork in those areas. A hard frost during the week ending May 15 damaged some fruit blossoms and emerging crops, though most new plantings bounced back quickly. Rainfall was patchy and intermittent in May and June, providing plenty of days suitable for fieldwork. Planting and emergence of all the major crops trended slightly behind the 2015 pace but well ahead of the five-year average. Hot weather, high humidity and frequent rains characterized July, August and September, boosting crop growth and keeping crops in good to excellent condition overall. However, the frequency of rains in this period disrupted hay harvest and contributed to major flooding events in Northern and Western Wisconsin. Above normal temperatures and rainy conditions continued into the fall. Though crop development trended ahead of average for all crops during the 2016 season, harvest activities in September and October trailed averages due to wet field conditions and high grain moistures. The first frost of the season struck the northern portions of the state during the week ending October 11, several weeks later than normal. The southern part of the state did not receive its first frost until the week ending November 13. The city of La Crosse broke its record for latest first frost ever recorded on November 9, compared to November 7, 1900. November brought an extended stretch of dry, clear weather and above normal temperatures, allowing farmers to catch up on harvest and tillage activities. Fall tillage was 86 percent complete as of November 27, 2 percentage points above the previous year.

Statewide temperatures started off above normal with March temperatures 6.3 degrees above normal. April through September averaged 1.3 above normal in 2016, compared to 0.9 degrees above normal in 2015. April was the only month this season with below normal temperatures, averaging 1.1 degrees below normal. The remaining growing season months ranged from 0.8 above normal in May and July to 3.9 degrees above normal in September. October averaged 4.0 degrees above normal and November was 8.6 degrees above normal.

Precipitation totals for April through September were above normal for much of Wisconsin but below normal in the Southeast District. The statewide total was 27.34 inches, 3.54 above the total for 2015 and 4.91 inches above normal. April and May had normal to below normal precipitation across the state, while June through September had above normal precipitation on average. September was the month with the greatest departure from normal, with 2.22 inches above normal for the state. By district, departures from normal for April through September ranged from 0.89 inches below normal in the Southeast District to 7.90 inches above normal in the Southwest District.

Corn planted for all purposes totaled 4.05 million acres in 2016, up 1 percent from the previous year. There were 3.22 million acres harvested for grain, up 7 percent from 2015. Grain yield rose to 178 bushels per acre, up 14 bushels per acre from the previous year. Acres harvested for silage fell 19 percent to 790,000 acres while silage production decreased 12 percent to 16.6 million tons.

Planted acres of soybeans increased by 80,000 acres to 1.96 million acres. Harvested acres also increased 80,000 acres to 1.95 million acres statewide. The average yield for soybeans in Wisconsin was 55.0 bushels per acre, 5.5 bushels per acre more than the previous year. Total production rose 16 percent to 107 million bushels.

Wisconsin was the fourth largest oat producer in the nation in 2016 with 6.60 million bushels, a 53 percent decrease from 2015. This was due to 95,000 fewer harvested acres and a decrease in yields. Average yield was 66 bushels per acre in 2016 compared to 72 bushels per acre in 2015.

There were 270,000 acres of winter wheat planted in 2016, up 40,000 acres from 2015. Acres harvested rose 40,000 acres to 250,000 acres. Yields rose 5 bushels per acre, and production increased 27 percent to 19.8 million bushels.

As of May 15, 2016, winter freeze damage to alfalfa was rated 1 percent severe, 3 percent moderate and 19 percent light. There was no damage to the remaining 77 percent of alfalfa stands, up from 72 percent undamaged the previous year. Abundant heat and moisture kept alfalfa growing quickly throughout the spring and summer, though frequent rains in July, August and September interfered with baling dry hay. All four cuttings of alfalfa ran ahead of both the five-year average and the 2015 haying season, replacing 2015 as the second fastest harvest pace in the past 35 years. Cuttings were still about a week behind the record early haying season of 2012, however. Warm fall weather allowed widespread access to a fourth and even fifth crop of alfalfa, and left stands in good shape to overwinter. The season average for hay condition was 87 percent good to excellent, compared to 80 percent good to excellent for the 2015 season.

Potato harvested acreage was up 2,000 acres in 2016, with 64,500 acres harvested in total. The average yield fell 10 cwt., to 435 cwt. per acre. Overall production was 28.0 million cwt., up 1 percent from the previous year.

Wisconsin remained the top producer in the nation for snap beans, contributing 36 percent of the national production. The state also ranked second for total production of cabbage and third for total production of sweet corn, peas, and carrots.

There were 21,100 acres of cranberries harvested in 2016, up 900 acres from the previous year. Cranberry production was 6.13 million barrels, an increase of 1,274,000 barrels from 2015, with yields averaging 288.2 barrels per acre. Wisconsin remained the top cranberry producing state, with 64 percent of the national production. Bearing apple acreage in Wisconsin was 4,000 acres, the same as the previous year. Apple production was 41.0 million pounds, down 10.5 million pounds from 2015. Tart cherry production was up 4.3 million pounds to 13.6 million pounds. Tart cherry bearing acres remained at 1,700 acres.

CROP RECORDS IN WISCONSIN AGRICULTURE

Commodity	Unit	2016	Record high		Record low		Year estimate started
			Quantity	Year 1/	Quantity	Year 1/	
Corn for grain							
Harvested	Acres	3,220,000	3,500,000	1981	478,000	1927	1866
Yield	Bu.	178.0	178.0	2016	21.0	1883	1866
Production	Bu.	573,160,000	573,160,000	2016	13,862,000	1927	1866
Corn for silage							
Harvested	Acres	790,000	1,450,000	1988	570,000	1991	1919
Yield	Tons	21.0	21.0	2016	4.2	1936	1919
Production	Tons	16,590,000	18,915,000	2015	5,085,000	1920	1919
Oats							
Harvested	Acres	100,000	2,987,000	1945	100,000	2016	1866
Yield	Bu.	66.0	72.0	2015	22.0	1907	1866
Production	Bu.	6,600,000	156,221,000	1958	6,600,000	2016	1866
Soybeans							
Harvested	Acres	1,950,000	1,950,000	2016	1,000	1927	1924
Yield	Bu.	55.0	55.0	2016	9.0	1925	1924
Production	Bu.	107,250,000	107,250,000	2016	10,000	1927	1924
Wheat, all							
Harvested	Acres	250,000	2,050,000	1878	27,000	1973	1866
Yield	Bu.	79.0	79.0	2016	8.0	1876	1866
Production	Bu.	19,750,000	26,250,000	1873	890,000	1973	1866
Forage, all (dry equivalent)							
Harvested	Acres	2,400,000	4,400,000	1989	2,400,000	2016	1981
Yield	Tons	3.59	4.91	1986	2.19	1988	1981
Production	Tons	8,607,000	18,402,000	1986	6,647,000	2012	1981
Hay, all (dry only)							
Harvested	Acres	1,330,000	4,263,000	1944	1,330,000	2016	1909
Yield	Tons	2.95	3.49	1982	0.94	1934	1909
Production	Tons	3,926,000	12,770,000	1984	2,846,000	1910	1909
Potatoes, all							
Harvested	Acres	64,500	325,000	1922	45,500	1972	1866
Yield	Cwt.	435.0	460	2012	25.8	1894	1866
Production	Cwt.	28,058,000	34,000,000	1999	2,306,000	1870	1866
Cranberries							
Harvested	Acres	21,100	21,100	2016	1,200	1900	1900
Yield	Barrels	288.2	288.2	2016	7.5	1908	1900
Production	Barrels	6,130,000	6,130,000	2016	12,000	1908	1900
Sweet corn, processing							
Production	Tons	486,749	1,001,750	1994	5,500	1932	1918
Green peas, processing							
Production	Tons	63,050	177,550	1979	35,620	1932	1918
Snap beans, processing							
Production	Tons	363,552	363,552	2016	1,900	1921	1918
Maple syrup							
Production	Gal.	235,000	265,000	2013	50,000	2005	1992

1/These are the latest years that records were achieved. In some cases, these records were equaled in several earlier years.

**MONTHLY AND ANNUAL PRECIPITATION:
BY SELECTED STATIONS AND DISTRICTS, WISCONSIN, 2016**

Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual	
													Total	Change from station normal 1/
Precipitation (inches)														
NORTHWEST														
Bloomer	0.46	1.05	3.24	2.15	4.13	4.95	5.63	6.46	5.94	2.99	1.11	1.71	39.82	+8.27
Gordon	0.82	0.69	3.29	3.81	3.38	4.56	11.06	3.17	4.53	2.55	1.46	1.55	40.87	+8.96
Spooner	0.47	0.55	3.05	3.88	2.22	3.73	6.56	4.67	3.91	3.68	1.23	1.51	35.46	+4.46
District	0.68	0.84	3.41	3.03	3.03	5.18	6.56	4.30	4.84	2.80	1.58	1.61	37.86	+6.02
Normal	0.95	0.88	1.64	2.65	3.36	4.09	4.08	4.01	3.97	3.06	1.95	1.20	31.84	
NORTH CENTRAL														
Medford	0.72	0.80	4.65	3.58	3.93	4.04	6.90	7.85	3.50	1.78	2.17	2.34	42.26	+9.18
Rhineland	0.70	0.72	3.47	3.16	3.09	6.99	3.95	8.13	5.91	5.19	2.12	1.92	45.35	+13.95
Wausau	0.84	0.59	4.95	2.39	2.89	5.22	4.60	3.87	4.77	2.29	1.89	2.66	36.96	+4.55
District	0.96	1.00	3.81	2.78	3.35	5.71	5.08	4.89	5.42	2.96	1.92	1.96	39.84	+7.74
Normal	1.09	0.94	1.68	2.62	3.39	4.04	3.95	3.81	4.01	3.10	2.08	1.37	32.10	
NORTHEAST														
Florence	0.77	0.87	2.22	2.59	3.35	3.73	3.41	3.27	5.52	5.37	1.54	1.56	34.20	+5.07
Marinette	1.40	0.59	2.31	2.54	1.78	6.83	3.23	3.75	4.43	2.70	2.17	2.07	33.80	+1.21
Shawano	1.15	0.85	4.50	1.85	1.31	5.33	3.89	2.52	5.16	2.38	1.98	2.49	33.41	+2.08
District	0.88	0.85	3.62	2.61	2.15	6.22	4.00	3.62	4.46	2.88	2.08	2.06	35.43	+4.72
Normal	1.12	0.96	1.72	2.57	3.23	3.77	3.68	3.46	3.61	3.03	2.13	1.43	30.71	
WEST CENTRAL														
La Crosse	0.87	0.78	3.61	1.08	4.14	6.73	5.15	6.36	10.46	2.23	1.16	2.19	44.76	+11.70
Menomonie	0.35	0.76	3.44	1.72	3.07	5.20	4.14	5.13	4.67	3.31	1.41	2.30	35.50	+4.25
Mondovi	0.52	0.57	4.84	1.96	3.52	5.65	4.67	12.14	6.18	2.18	1.29	2.25	45.77	+11.08
District	0.64	0.80	3.76	1.81	3.06	5.49	5.38	7.81	7.73	2.79	1.29	2.13	42.69	+9.25
Normal	0.95	0.90	1.81	3.13	3.78	4.44	4.25	4.49	3.87	2.56	2.06	1.22	33.44	
CENTRAL														
Marshfield	0.68	0.68	4.75	1.79	2.85	6.60	4.31	3.89	5.96	2.18	1.87	2.07	37.63	+4.91
Montello	1.25	0.78	5.51	0.86	4.78	4.78	3.99	3.90	8.38	3.08	1.72	2.31	41.34	+6.87
Waupaca	1.14	0.84	5.67	1.68	3.26	7.30	3.85	2.62	4.24	1.85	2.10	2.57	37.12	+3.63
District	0.98	0.85	5.31	1.51	3.28	4.99	4.26	5.13	7.44	2.56	1.93	2.33	40.57	+8.16
Normal	1.01	1.00	1.76	3.00	3.60	4.35	4.04	4.03	3.61	2.54	2.12	1.34	32.41	
EAST CENTRAL														
Green Bay	1.33	1.15	4.05	1.29	3.36	4.44	3.22	2.78	4.29	2.66	2.29	2.25	33.11	+3.59
Oshkosh	1.49	0.69	3.67	1.49	4.31	4.49	3.81	2.41	6.58	2.55	1.74	1.91	35.14	+3.55
Plymouth	1.15	0.65	4.94	1.64	3.38	4.39	4.10	2.03	6.11	3.14	1.67	2.20	35.40	+0.51
District	1.25	0.77	4.16	1.76	2.86	4.86	4.19	3.47	5.23	2.78	1.85	2.16	35.34	+4.05
Normal	1.27	1.12	1.78	2.86	3.26	3.87	3.67	3.59	3.38	2.69	2.27	1.53	31.29	
SOUTHWEST														
Lancaster	0.67	0.65	3.82	1.02	3.23	6.99	9.28	7.29	4.09	2.05	2.11	1.81	43.01	+7.64
Lone Rock	0.52	0.32	4.21	1.68	2.55	5.25	5.29	4.92	7.67	2.67	1.94	1.20	38.22	+3.22
Viroqua	0.84	1.00	4.21	0.86	3.64	5.81	7.84	6.87	14.21	2.61	1.42	2.42	51.73	+17.20
District	0.75	0.73	4.22	1.37	3.58	5.45	6.89	7.23	8.63	2.87	1.99	1.90	45.61	+10.11
Normal	1.10	1.15	2.00	3.56	4.02	4.83	4.44	4.52	3.46	2.56	2.36	1.50	35.50	
SOUTH CENTRAL														
Beloit	0.64	0.31	2.57	2.12	3.12	3.44	5.91	5.64	2.18	2.75	1.57	2.17	32.42	-3.92
Madison	0.98	0.52	3.96	2.11	2.22	5.35	5.23	7.87	8.46	4.96	1.87	2.03	45.56	+11.08
Portage	1.19	0.83	5.45	1.17	5.40	4.77	5.42	6.37	10.51	3.28	1.54	2.28	48.21	+12.07
District	0.73	0.57	3.92	1.68	3.15	5.29	5.08	5.84	5.91	3.62	2.26	1.99	40.04	+5.17
Normal	1.23	1.31	2.02	3.37	3.71	4.63	4.09	4.18	3.50	2.69	2.43	1.70	34.87	
SOUTHEAST														
Hartford	0.77	0.60	4.47	1.55	3.61	4.79	4.07	4.88	6.23	4.51	1.85	2.15	39.48	+6.59
Kenosha	0.75	0.94	3.82	3.25	2.95	2.51	2.34	4.87	3.89	4.60	1.92	1.56	33.40	-2.74
Milwaukee	0.69	0.62	3.34	1.80	2.37	3.49	1.76	3.59	4.30	3.56	1.81	1.93	29.26	-5.50
District	0.66	0.69	3.74	2.09	2.88	3.88	3.40	4.57	4.37	4.02	2.13	2.04	34.47	+0.17
Normal	1.47	1.41	1.98	3.42	3.61	4.04	3.78	4.02	3.42	2.74	2.54	1.86	34.30	
STATE	0.84	0.82	3.93	2.21	3.06	5.36	5.20	5.21	5.98	2.95	1.84	1.98	39.38	+6.68
Normal	1.09	1.02	1.79	2.93	3.53	4.21	4.02	4.01	3.73	2.82	2.16	1.40	32.70	

1/ Normal 1981-2010. Source: Wisconsin State Climatology Office.

**AVERAGE MONTHLY AND ANNUAL TEMPERATURE:
BY SELECTED STATIONS AND DISTRICTS, WISCONSIN, 2016**

Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual	
													Average	Change from station normal 1/
Temperature (degrees F.)														
NORTHWEST														
Bloomer	12.3	20.0	37.1	44.3	57.1	67.4	70.7	69.9	62.5	49.5	40.7	18.2	45.8	+2.2
Gordon	11.3	17.3	32.8	40.7	54.5	64.1	69.3	68.1	59.6	46.8	38.1	16.2	43.2	+2.2
Spooner	12.4	18.7	35.4	42.9	56.4	65.3	69.5	68.9	61.1	48.9	40.6	18.0	44.8	+2.3
District	13.4	19.5	35.2	41.6	54.8	64.1	68.7	67.6	60.4	48.2	39.9	17.7	44.3	+2.7
Normal	11.6	16.6	28.3	42.4	54.1	63.2	68.0	65.9	57.1	44.7	30.4	16.3	41.6	
NORTH CENTRAL														
Medford	12.0	18.8	34.6	41.2	55.1	64.3	68.3	67.9	60.9	48.0	39.3	17.1	44.0	+1.9
Rhineland	13.0	18.0	32.7	39.3	53.5	63.3	67.5	67.4	59.4	47.1	38.4	17.2	43.1	+1.4
Wausau	17.2	23.1	38.6	44.4	58.5	67.2	70.0	69.6	62.3	50.2	41.1	19.0	46.8	+3.3
District	13.5	19.7	34.3	40.2	54.1	63.5	67.4	67.0	60.0	47.8	39.3	17.7	43.7	+2.6
Normal	12.3	16.7	27.5	41.6	53.4	62.5	66.8	64.9	56.4	44.1	30.6	16.9	41.1	
NORTHEAST														
Florence	15.4	19.6	31.3	36.8	53.0	61.4	66.4	67.2	58.6	45.5	39.3	18.6	42.8	+2.5
Marinette	20.1	24.6	35.2	39.6	55.3	65.4	71.8	71.8	63.8	51.2	43.7	23.5	47.2	+2.5
Shawano	17.0	21.6	36.2	41.9	57.2	65.9	70.4	71.7	63.7	50.4	42.0	21.2	46.6	+2.8
District	16.3	21.6	34.4	39.5	54.6	63.6	68.2	68.3	60.7	48.0	40.0	19.8	44.6	+2.6
Normal	14.1	18.2	28.4	42.0	53.4	62.9	67.2	65.4	57.0	44.8	32.0	18.9	42.0	
WEST CENTRAL														
La Crosse	19.4	25.5	41.3	49.8	60.9	71.7	75.0	74.2	67.7	56.0	46.2	23.5	50.9	+3.5
Menomonie	14.8	22.3	38.9	44.3	56.2	67.7	70.9	70.0	63.0	50.3	42.0	20.3	46.7	+2.7
Mondovi	18.2	25.6	42.1	49.1	59.7	70.2	73.4	71.8	65.3	53.6	43.4	21.7	49.5	+4.5
District	15.3	22.9	38.9	45.8	57.6	67.8	71.4	70.5	63.5	51.3	42.5	19.7	47.3	+2.9
Normal	14.8	19.8	31.6	45.7	56.8	66.2	70.6	68.3	59.7	47.3	33.1	18.9	44.4	
CENTRAL														
Marshfield	14.0	21.1	36.2	42.2	56.4	66.0	69.8	69.4	61.9	50.4	41.8	18.7	45.7	+1.7
Montello	17.9	24.7	38.3	44.6	57.8	67.3	71.4	72.0	64.4	52.8	43.5	22.3	48.1	+2.7
Waupaca	16.5	22.8	37.5	43.3	58.2	67.4	71.2	71.6	63.8	49.9	41.7	20.6	47.0	+2.4
District	16.9	23.8	38.2	44.0	57.3	67.1	71.0	70.7	63.6	51.5	42.8	20.9	47.3	+2.8
Normal	16.1	20.8	31.6	45.2	56.3	65.7	69.9	67.8	59.4	47.1	34.0	20.3	44.5	
EAST CENTRAL														
Green Bay	19.2	23.6	36.8	42.4	57.8	67.2	71.0	70.7	64.3	52.7	44.5	24.4	47.9	+3.6
Oshkosh	18.9	24.6	37.3	43.7	58.6	68.8	73.5	72.8	66.2	53.4	44.6	22.7	48.7	+2.3
Plymouth	19.2	25.1	37.6	41.6	56.0	66.0	71.4	71.6	64.9	52.2	43.1	23.4	47.7	+2.0
District	19.4	24.7	36.8	41.7	55.8	65.9	70.7	70.7	64.4	52.1	43.1	22.9	47.4	+2.6
Normal	17.8	21.6	31.5	44.1	54.8	64.8	69.4	67.8	59.8	47.7	35.3	22.4	44.8	
SOUTHWEST														
Lancaster	17.0	25.0	39.2	47.6	57.9	69.0	71.2	71.6	64.7	52.9	44.1	20.6	48.4	+2.7
Richland Center	19.1	26.4	40.6	47.4	58.9	69.1	72.1	72.1	65.8	53.6	43.3	21.5	49.2	+2.7
Viroqua	14.7	22.0	36.9	44.4	56.2	66.6	69.7	69.0	62.2	50.4	42.3	18.2	46.0	+2.3
District	18.3	26.0	39.7	47.1	58.4	68.8	71.7	71.5	65.2	53.5	43.9	21.4	48.8	+2.6
Normal	17.8	22.8	34.1	46.9	57.7	67.3	71.4	69.3	61.1	48.9	35.6	21.9	46.2	
SOUTH CENTRAL														
Beloit	19.4	26.6	39.1	45.4	57.3	68.6	71.4	71.5	66.3	53.8	43.5	21.3	48.7	+0.7
Madison	19.9	26.9	39.9	45.8	58.5	69.2	72.9	72.4	65.9	53.9	43.8	22.5	49.3	+2.8
Portage	19.1	25.8	39.3	45.6	58.3	68.7	72.1	71.6	65.2	53.6	44.5	23.3	48.9	+2.3
District	19.4	26.9	39.2	45.9	58.0	68.6	72.1	71.9	66.0	53.8	43.9	22.0	49.0	+2.4
Normal	18.8	23.4	34.1	46.8	57.7	67.4	71.5	69.4	61.3	49.2	36.5	23.0	46.6	
SOUTHEAST														
Hartford	18.3	24.6	36.6	43.1	56.4	66.8	70.7	70.0	63.7	52.3	42.4	20.7	47.1	+1.8
Kenosha	24.3	29.4	39.9	43.1	55.9	68.0	73.3	74.1	68.2	56.0	46.9	25.4	50.4	+2.4
Milwaukee	22.8	28.7	40.1	43.8	57.7	68.8	74.5	75.6	68.6	56.2	47.2	25.8	50.8	+2.9
District	21.1	27.6	39.3	44.2	57.1	68.0	72.5	72.5	66.3	53.9	44.5	23.2	49.2	+2.3
Normal	20.2	24.4	34.3	46.1	56.6	66.6	71.2	69.6	61.7	49.7	37.4	24.5	46.9	
STATE														
District	16.2	22.7	36.8	42.9	56.1	65.8	69.9	69.5	62.6	50.4	41.6	19.9	46.2	+2.6
Normal	15.0	19.6	30.5	44.0	55.3	64.7	69.1	67.1	58.7	46.5	33.1	19.4	43.6	

1/ Normal 1981-2010. Source: Wisconsin State Climatology Office.

FIELD CROP SUMMARY: ACREAGE, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2016

Year	Planted	Harvested	Yield per acre	Production	Value	
					Per bushel	Total
	Acres		Bushels	1,000 bushels	Dollars	1,000 dollars
CORN FOR GRAIN 1/						
2012	4,350,000	3,300,000	120.0	396,000	6.69	2,649,240
2013	4,100,000	3,030,000	145.0	439,350	4.38	1,924,353
2014	4,000,000	3,110,000	156.0	485,160	3.67	1,780,537
2015	4,000,000	3,000,000	164.0	492,000	3.46	1,702,320
2016	4,050,000	3,220,000	178.0	573,160	3.30	1,891,428
SOYBEANS FOR BEANS						
2012	1,710,000	1,700,000	42.0	71,400	14.00	999,600
2013	1,580,000	1,550,000	39.0	60,450	12.80	773,760
2014	1,800,000	1,790,000	44.0	78,760	10.00	787,600
2015	1,880,000	1,870,000	49.5	92,565	8.73	808,092
2016	1,960,000	1,950,000	55.0	107,250	9.35	1,002,788
OATS						
2012	220,000	130,000	60.0	7,800	3.85	30,030
2013	255,000	105,000	65.0	6,825	4.07	27,778
2014	255,000	140,000	62.0	8,680	3.52	30,554
2015	280,000	195,000	72.0	14,040	1.81	25,412
2016	210,000	100,000	66.0	6,600	1.60	10,560
WHEAT, ALL						
2012	265,000	245,000	75.0	18,375	7.55	138,731
2013	315,000	265,000	58.0	15,370	6.12	94,064
2014	295,000	250,000	65.0	16,250	4.75	77,188
2015	230,000	210,000	74.0	15,540	4.40	68,378
2016	270,000	250,000	79.0	19,750	3.45	68,138
WHEAT, WINTER						
2012	265,000	245,000	75.0	18,375	7.55	138,731
2013	315,000	265,000	58.0	15,370	6.12	94,064
2014	295,000	250,000	65.0	16,250	4.75	77,188
2015	230,000	210,000	74.0	15,540	4.40	68,378
2016	270,000	250,000	79.0	19,750	3.45	68,138
BARLEY 2/						
2012	33,000	18,000	44.0	792	5.65	4,475
2013	33,000	16,000	49.0	784	6.49	5,088
2014	26,000	16,000	47.0	752	5.25	3,948
2015	28,000	15,000	55.0	825	5.49	4,529
2016	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available. 1/ Corn acres planted is for all purposes. 2/ As of 2016, NASS will no longer set state-level estimates for barley production.

BIOTECHNOLOGY SOYBEAN VARIETIES AS A PERCENT OF ALL SOYBEANS PLANTED, WISCONSIN, 2013-2017

Year	Herbicide Resistant 1/ Percent
2013	89
2014	95
2015	93
2016	94
2017	92

1/ Does not include conventionally bred herbicide resistant varieties.

BIOTECHNOLOGY CORN VARIETIES AS A PERCENT OF ALL CORN PLANTED, WISCONSIN, 2013-2017

Year	Insect Resistant (Bt)	Herbicide Resistant 1/	Stacked Gene 2/	All Biotech
	Percent			
2013	3	18	63	84
2014	3	17	72	92
2015	3	19	70	92
2016	3	17	70	90
2017	2	14	71	87

1/ Does not include conventionally bred herbicide resistant varieties.

2/ Stacked gene varieties contain biotech traits for both herbicide and insect resistance.

PRICES RECEIVED BY FARMERS FOR CROPS: BY MONTHS, WISCONSIN, 2012-2016

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Dollars per bushel												
CORN												
2012	5.78	6.07	6.25	6.15	6.17	6.44	6.64	7.39	7.05	6.40	6.76	6.85
2013	6.93	7.03	7.06	6.95	6.77	6.80	6.80	6.18	5.68	4.68	4.38	4.31
2014	4.40	4.30	4.47	4.55	4.72	4.56	4.28	3.80	3.53	3.72	3.61	3.69
2015	3.74	3.75	3.72	3.73	3.48	3.48	3.78	3.67	3.58	3.57	3.42	3.41
2016	3.51	3.44	3.43	3.49	3.57	3.75	3.52	3.12	3.13	3.23	3.11	3.16
SOYBEANS												
2012	11.90	12.20	12.90	13.40	13.70	14.10	14.80	16.60	13.50	13.90	14.10	14.00
2013	13.90	14.40	14.40	14.10	14.60	14.90	15.10	14.40	12.90	12.20	12.70	13.10
2014	12.80	13.20	13.40	14.00	14.70	14.40	13.40	12.50	11.20	10.10	10.10	10.00
2015	10.20	10.00	9.72	9.63	9.40	9.44	9.79	9.57	8.62	8.56	8.36	8.44
2016	8.69	8.55	8.53	8.98	9.69	10.30	10.30	9.84	9.34	9.24	9.31	9.49
OATS												
2012	3.27	3.60	3.67	3.76	3.79	3.59	3.59	3.69	3.80	4.11	4.13	3.99
2013	4.07	4.33	4.59	4.33	4.39	4.23	4.16	3.87	3.89	4.05	4.20	4.19
2014	4.00	4.61	4.61	4.72	4.52	4.52	4.01	3.47	3.61	3.59	3.86	3.23
2015	3.30	3.58	3.29	3.03	2.93	2.82	2.22	1.79	1.91	1.82	1.89	1.90
2016	1.48	1.67	1.62	1.65	1.64	1.66	1.69	1.47	1.37	1.68	1.91	1.93

HAY STOCKS: WISCONSIN, 2012-2016

Year	Dec. 1	Percent of	May 1	Percent of
	stocks 1/ 1,000 tons	production 2/ Percent	stocks 1,000 tons	production 2/ Percent
2012	2,653	65	925	23
2013	2,010	60	410	12
2014	2,900	77	435	12
2015	2,960	61	730	15
2016	2,900	71	810	20

1/Refers to December 1 of previous year. 2/ Previous year's production.

NEW SEEDINGS OF ALFALFA AND ALFALFA MIXTURES: WISCONSIN, 2012-2016

Year	Acres Seeded
	1,000 acres
2012	390
2013	460
2014	450
2015	440
2016	320

GRAIN STOCKS: (ON-FARMS AND OFF-FARMS), BY QUARTER, WISCONSIN, 2012-2016

Year	March 1	June 1	September 1	December 1
1,000 bushels				
CORN				
2012	298,324	154,112	50,769	333,597
2013	227,356	136,168	43,901	338,902
2014	221,390	144,522	55,899	405,323
2015	266,357	171,079	67,276	409,558
2016	303,233	190,562	72,250	443,570
SOYBEANS				
2012	43,751	23,257	4,322	53,025
2013	26,305	13,931	4,839	48,358
2014	20,022	7,773	2,503	52,773
2015	29,529	16,970	7,408	63,616
2016	38,693	22,612	5,733	66,949

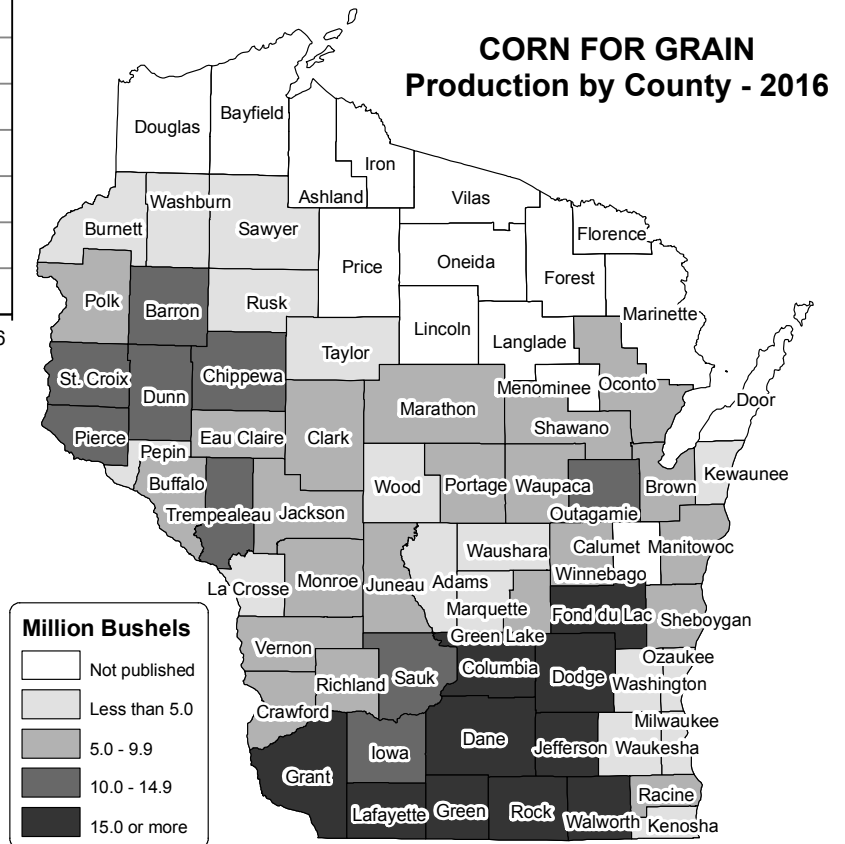
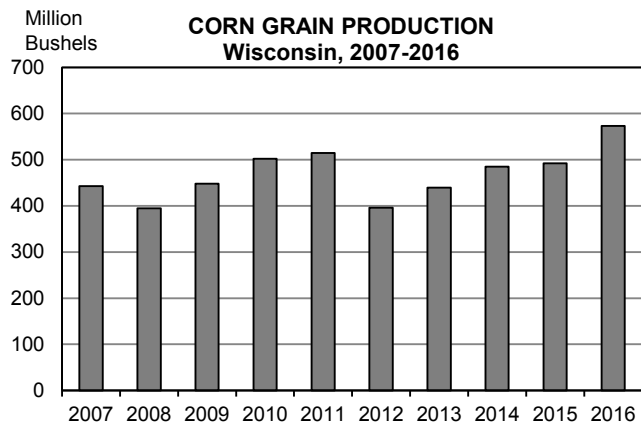
CORN FOR GRAIN: ACREAGE, YIELD AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015				2016			
	All Corn Planted	Harvested for Grain	Yield per Acre	Production	All Corn Planted	Harvested for Grain	Yield per Acre	Production
	Acres		Bushels	1,000 Bushels	Acres		Bushels	1,000 Bushels
Barron	95,100	70,300	151.3	10,634	94,400	66,700	164.4	10,966
Bayfield	-	-	-	-	-	-	-	-
Burnett	13,400	8,650	140.3	1,214	14,500	12,200	143.9	1,755
Chippewa	92,200	67,100	144.9	9,726	96,800	75,900	161.9	12,290
Douglas	-	-	-	-	-	-	-	-
Polk	68,200	50,700	156.2	7,920	66,100	54,100	169.3	9,159
Rusk	26,900	17,600	114.7	2,018	23,800	18,600	145.8	2,712
Sawyer	-	-	-	-	7,100	5,510	139.2	767
Washburn	11,500	8,730	158.0	1,379	11,100	8,470	154.3	1,307
Other counties	11,200	6,420	117.0	751	3,200	2,520	115.1	290
Northwest	318,500	229,500	146.6	33,642	317,000	244,000	160.8	39,246
Ashland	-	-	-	-	-	-	-	-
Clark	80,500	44,800	140.5	6,294	88,000	49,900	154.7	7,721
Iron	-	-	-	-	-	-	-	-
Lincoln	7,900	5,090	134.2	683	-	-	-	-
Marathon	102,000	52,200	136.5	7,123	106,000	66,500	148.2	9,856
Oneida	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-
Taylor	44,000	26,700	132.5	3,537	48,100	32,400	152.7	4,946
Vilas	-	-	-	-	-	-	-	-
Other Counties	9,100	3,910	110.2	431	16,900	9,300	134.3	1,249
North Central	243,500	132,700	136.2	18,068	259,000	158,100	150.4	23,772
Florence	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-
Langlade	13,900	6,520	132.5	864	-	-	-	-
Marinette	39,400	33,100	130.6	4,324	-	-	-	-
Menominee	-	-	-	-	-	-	-	-
Oconto	63,400	43,500	133.1	5,789	61,100	48,300	153.4	7,411
Shawano	80,400	48,900	147.5	7,211	83,100	52,500	164.5	8,638
Other Counties	900	280	107.1	30	52,800	39,600	144.2	5,711
Northeast	198,000	132,300	137.7	18,218	197,000	140,400	155.0	21,760
Buffalo	68,100	52,100	159.9	8,331	67,700	58,600	169.5	9,934
Dunn	105,000	84,900	160.2	13,605	102,500	84,700	169.3	14,336
Eau Claire	47,900	39,700	158.1	6,277	44,900	39,800	162.0	6,446
Jackson	51,700	41,800	146.2	6,110	51,200	38,600	175.1	6,760
La Crosse	34,100	26,600	160.4	4,266	32,700	27,200	172.0	4,679
Monroe	62,500	42,900	157.9	6,774	60,300	47,200	162.4	7,667
Pepin	29,900	23,600	163.3	3,854	29,900	24,200	170.3	4,121
Pierce	86,700	73,700	179.2	13,210	87,200	79,100	189.2	14,967
St Croix	98,600	85,400	170.6	14,571	102,000	83,800	178.9	14,992
Trempealeau	92,500	69,300	157.7	10,930	92,600	78,800	170.0	13,399
West Central	677,000	540,000	162.8	87,928	671,000	562,000	173.1	97,301
Adams	26,100	20,800	130.3	2,710	26,200	23,700	132.2	3,132
Green Lake	49,700	43,400	179.7	7,799	49,400	44,500	184.3	8,202
Juneau	41,900	36,900	158.3	5,840	46,900	44,700	177.4	7,932
Marquette	36,300	31,600	128.4	4,059	35,900	31,500	150.8	4,750
Portage	50,800	29,900	149.4	4,468	53,700	39,100	162.7	6,362
Waupaca	59,600	43,800	153.2	6,712	65,000	44,300	157.9	6,993
Waushara	33,300	28,700	162.4	4,660	33,900	29,800	165.4	4,930
Wood	37,300	22,900	144.0	3,297	43,000	31,400	157.1	4,932
Central	335,000	258,000	153.3	39,545	354,000	289,000	163.4	47,233
Brown	64,800	25,200	156.5	3,945	62,900	33,800	174.0	5,881
Calumet	49,000	29,700	164.8	4,895	-	-	-	-
Door	-	-	-	-	-	-	-	-
Fond Du Lac	105,000	76,600	178.5	13,675	110,500	87,000	186.1	16,187
Kewaunee	56,100	26,100	157.3	4,105	52,900	24,200	170.6	4,128
Manitowoc	73,900	38,200	160.6	6,134	70,100	35,000	178.0	6,229
Outagamie	84,800	60,300	157.7	9,508	85,200	73,000	185.2	13,519
Sheboygan	47,700	25,400	158.3	4,021	47,300	32,200	168.4	5,424
Winnebago	-	-	-	-	49,200	36,200	156.2	5,656

CORN FOR GRAIN: ACREAGE, YIELD AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015				2016			
	All Corn Planted	Harvested for Grain	Yield per Acre	Production	All Corn Planted	Harvested for Grain	Yield per Acre	Production
	Acres		Bushels	1,000 Bushels	Acres		Bushels	1,000 Bushels
Other Counties	77,700	54,000	142.5	7,697	70,900	40,600	167.5	6,802
East Central	559,000	335,500	160.9	53,980	549,000	362,000	176.3	63,826
Crawford	38,400	31,300	146.5	4,587	37,700	32,600	168.1	5,480
Grant	167,000	141,000	178.9	25,229	163,500	135,400	202.4	27,401
Iowa	77,800	61,300	160.3	9,829	75,200	61,100	187.2	11,435
Lafayette	135,500	112,500	194.2	21,851	139,500	123,900	203.0	25,151
Richland	45,600	32,900	143.1	4,709	43,400	37,600	159.4	5,993
Sauk	87,300	70,700	165.3	11,686	86,100	73,800	181.8	13,420
Vernon	66,400	49,300	152.6	7,521	67,600	51,600	174.8	9,019
Southwest	618,000	499,000	171.2	85,412	613,000	516,000	189.7	97,899
Columbia	125,500	98,800	179.8	17,764	130,000	109,200	200.9	21,934
Dane	190,500	144,500	183.7	26,545	197,500	176,500	192.5	33,982
Dodge	141,000	112,900	181.3	20,466	143,500	117,700	187.4	22,058
Green	107,000	87,800	170.8	14,996	114,000	97,500	199.0	19,403
Jefferson	80,500	74,800	170.1	12,720	90,000	82,300	195.3	16,073
Rock	158,500	143,200	177.1	25,357	166,000	147,800	201.6	29,800
South Central	803,000	662,000	178.0	117,848	841,000	731,000	196.0	143,250
Kenosha	32,000	26,600	179.5	4,776	30,200	22,800	157.6	3,593
Milwaukee	-	-	-	-	1,100	1,000	145.0	145
Ozaukee	-	-	-	-	16,500	11,600	174.7	2,026
Racine	37,300	33,100	180.9	5,988	37,000	34,500	184.6	6,370
Walworth	104,000	93,500	180.8	16,901	106,500	99,000	182.0	18,021
Washington	31,700	23,400	169.4	3,965	33,300	25,700	178.8	4,596
Waukesha	24,500	21,800	165.8	3,614	24,400	22,900	180.0	4,122
Other Counties	18,500	12,600	167.9	2,115	-	-	-	-
Southeast	248,000	211,000	177.1	37,359	249,000	217,500	178.7	38,873
Wisconsin	4,000,000	3,000,000	164.0	492,000	4,050,000	3,220,000	178.0	573,160

1/ Some counties were not published to avoid disclosure of individual operations. Unpublished data is included in "other counties."



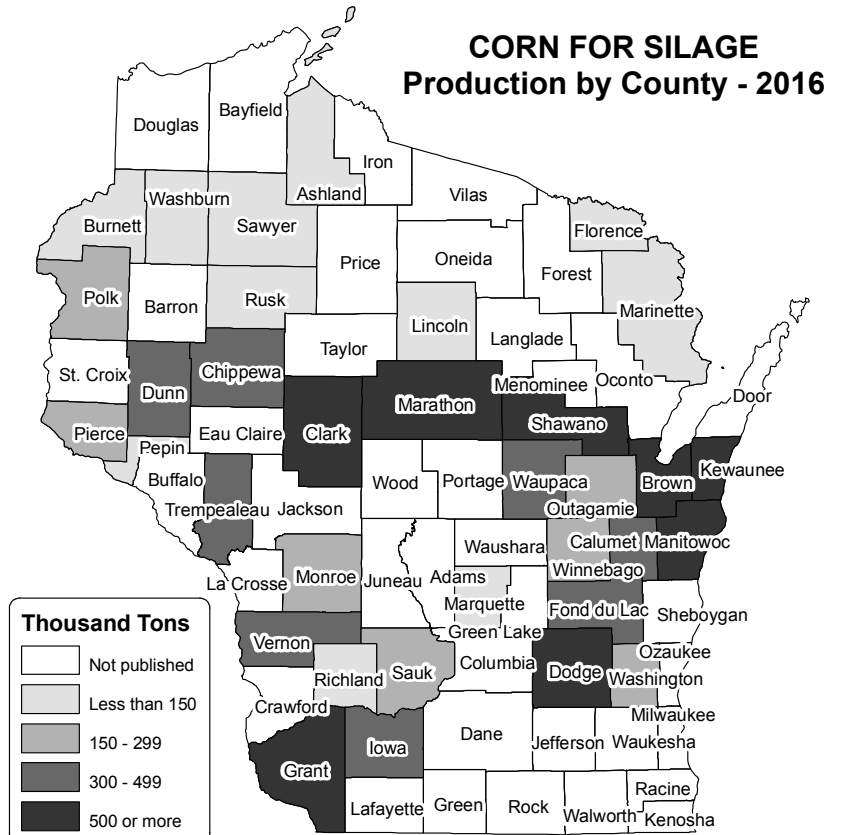
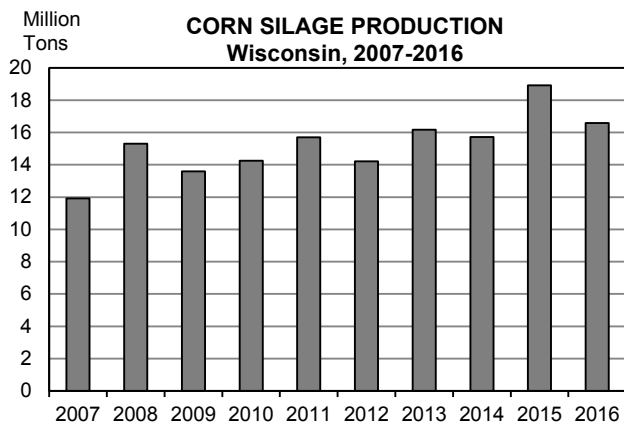
CORN FOR SILAGE: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015			2016		
	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production
	Acres	Tons		Acres	Tons	
Barron	24,600	21.0	512,000	-	-	-
Bayfield	-	-	-	-	-	-
Burnett	4,650	18.0	84,000	2,100	19.0	40,200
Chippewa	24,300	17.0	417,000	19,200	21.5	412,000
Douglas	-	-	-	-	-	-
Polk	-	-	-	10,500	22.0	231,000
Rusk	-	-	-	4,100	19.0	78,000
Sawyer	-	-	-	1,460	21.5	31,100
Washburn	2,720	20.0	54,000	2,570	18.5	48,000
Other Counties	30,230	16.5	497,000	28,070	22.0	615,700
Northwest	86,500	18.0	1,564,000	68,000	21.5	1,456,000
Ashland	-	-	-	2,040	14.5	29,400
Clark	34,700	18.0	628,000	37,400	20.0	741,000
Iron	-	-	-	-	-	-
Lincoln	2,620	14.5	38,000	1,570	18.5	28,700
Marathon	48,000	19.0	909,000	37,800	18.5	701,000
Oneida	-	-	-	-	-	-
Price	1,530	14.5	22,300	-	-	-
Taylor	-	-	-	-	-	-
Vilas	-	-	-	-	-	-
Other Counties	19,250	17.0	327,700	17,590	17.5	304,900
North Central	106,100	18.0	1,925,000	96,400	18.5	1,805,000
Florence	-	-	-	170	17.0	2,900
Forest	-	-	-	-	-	-
Langlade	7,060	19.0	133,000	-	-	-
Marinette	4,700	17.5	83,000	6,590	18.0	120,000
Menominee	-	-	-	-	-	-
Oconto	18,800	17.5	331,000	-	-	-
Shawano	30,500	20.0	605,000	29,800	19.5	580,000
Other Counties	440	16.0	7,000	16,540	17.5	293,100
Northeast	61,500	19.0	1,159,000	53,100	19.0	996,000
Buffalo	-	-	-	-	-	-
Dunn	-	-	-	17,100	18.5	317,000
Eau Claire	8,020	15.5	125,000	-	-	-
Jackson	-	-	-	-	-	-
La Crosse	-	-	-	-	-	-
Monroe	19,200	19.5	376,000	12,700	19.0	239,000
Pepin	-	-	-	5,650	23.0	130,000
Pierce	-	-	-	7,500	21.0	159,000
St Croix	-	-	-	-	-	-
Trempealeau	-	-	-	13,500	24.0	321,000
Other Counties	106,480	20.5	2,174,000	48,550	21.5	1,038,000
West Central	133,700	20.0	2,675,000	105,000	21.0	2,204,000
Adams	-	-	-	-	-	-
Green Lake	-	-	-	-	-	-
Juneau	4,680	14.5	67,000	-	-	-
Marquette	-	-	-	3,570	20.5	74,000
Portage	-	-	-	-	-	-
Waupaca	15,400	17.0	258,000	19,900	18.0	359,000
Waushara	4,350	17.0	75,000	-	-	-
Wood	13,300	13.5	179,000	-	-	-
Other Counties	35,570	19.5	695,000	36,530	19.5	711,000
Central	73,300	17.5	1,274,000	60,000	19.0	1,144,000
Brown	39,000	17.5	678,000	27,000	19.0	518,000
Calumet	18,800	19.0	358,000	19,000	20.5	393,000
Door	-	-	-	-	-	-
Fond du Lac	28,100	19.0	538,000	22,400	21.5	487,000
Kewaunee	29,700	20.0	592,000	26,500	22.5	599,000
Manitowoc	35,200	17.0	601,000	33,900	22.0	747,000
Outagamie	23,900	18.0	425,000	11,900	22.0	260,000
Sheboygan	-	-	-	-	-	-

CORN FOR SILAGE: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015			2016		
	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production
	Acres	Tons		Acres	Tons	
Winnebago	-	-	-	12,700	21.0	265,000
Other Counties	45,300	19.0	856,000	24,500	20.0	491,000
East Central	220,000	18.5	4,048,000	177,900	21.0	3,760,000
Crawford	-	-	-	-	-	-
Grant	24,600	22.5	557,000	27,600	23.5	644,000
Iowa	16,000	21.0	332,000	13,800	23.0	320,000
Lafayette	-	-	-	-	-	-
Richland	11,900	20.0	240,000	4,790	20.0	95,000
Sauk	15,600	21.0	325,000	12,000	21.0	250,000
Vernon	16,500	20.5	335,000	15,700	19.5	308,000
Other Counties	28,700	23.5	674,000	20,110	24.0	478,000
Southwest	113,300	21.5	2,463,000	94,000	22.5	2,095,000
Columbia	-	-	-	-	-	-
Dane	45,600	25.0	1,129,000	-	-	-
Dodge	28,000	20.5	570,000	25,000	21.0	526,000
Green	-	-	-	-	-	-
Jefferson	5,500	19.5	106,000	-	-	-
Rock	-	-	-	-	-	-
Other Counties	60,100	21.0	1,261,000	80,600	24.5	1,987,000
South Central	139,200	22.0	3,066,000	105,600	24.0	2,513,000
Kenosha	-	-	-	-	-	-
Milwaukee	-	-	-	-	-	-
Ozaukee	5,760	19.5	112,000	-	-	-
Racine	-	-	-	-	-	-
Walworth	-	-	-	-	-	-
Washington	8,140	22.5	182,000	7,500	21.5	162,000
Waukesha	-	-	-	-	-	-
Other Counties	22,500	20.0	447,000	22,500	20.0	455,000
Southeast	36,400	20.5	741,000	30,000	20.5	617,000
Wisconsin	970,000	19.5	18,915,000	790,000	21.0	16,590,000

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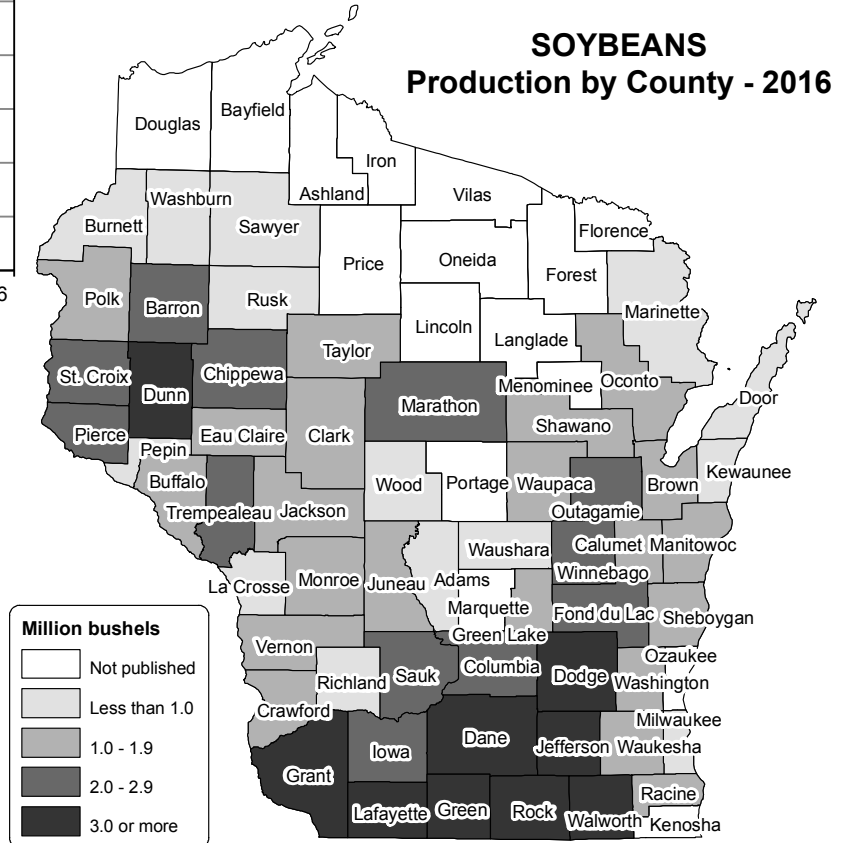
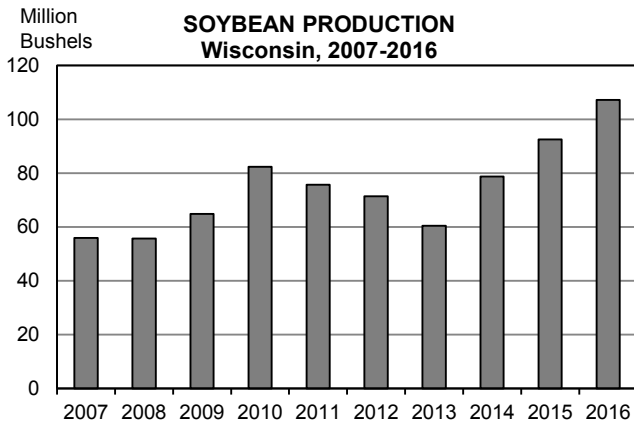
SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015				2016			
	Planted	Harvested	Yield per Acre	Production	Planted	Harvested	Yield per Acre	Production
	Acres		Bushels	1,000 Bushels	Acres		Bushels	1,000 Bushels
Barron	41,100	41,100	46.9	1,927	49,600	49,600	51.8	2,567
Bayfield	-	-	-	-	-	-	-	-
Burnett	7,800	7,700	45.8	353	8,600	8,500	48.9	416
Chippewa	47,300	47,100	44.9	2,117	52,600	52,200	49.4	2,577
Douglas	-	-	-	-	-	-	-	-
Polk	28,800	28,700	48.2	1,384	32,900	32,800	54.0	1,770
Rusk	8,900	8,800	40.0	352	14,900	14,600	44.2	646
Sawyer	-	-	-	-	2,200	2,200	40.6	89
Washburn	-	-	-	-	7,700	7,600	44.7	340
Other Counties	10,100	9,600	44.0	422	1,500	1,500	37.7	57
Northwest	144,000	143,000	45.8	6,555	170,000	169,000	50.1	8,462
Ashland	-	-	-	-	-	-	-	-
Clark	36,100	36,000	49.1	1,768	38,000	37,700	50.5	1,903
Iron	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-
Marathon	44,300	44,200	44.9	1,983	50,900	50,800	50.6	2,571
Oneida	-	-	-	-	-	-	-	-
Price	800	770	31.6	24	-	-	-	-
Taylor	22,200	22,100	45.8	1,013	28,300	28,000	47.8	1,337
Vilas	-	-	-	-	-	-	-	-
Other Counties	6,100	5,930	39.4	234	7,800	7,500	48.0	360
North Central	109,500	109,000	46.1	5,022	125,000	124,000	49.8	6,171
Florence	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-
Langlade	-	-	-	-	-	-	-	-
Marinette	7,000	6,900	34.9	241	8,500	8,400	45.4	381
Menominee	-	-	-	-	-	-	-	-
Oconto	23,300	23,200	41.2	955	26,600	26,500	47.6	1,261
Shawano	25,100	25,000	45.8	1,144	27,600	27,500	53.3	1,466
Other Counties	6,100	5,900	37.3	220	7,300	7,100	43.2	307
Northeast	61,500	61,000	42.0	2,560	70,000	69,500	49.1	3,415
Buffalo	27,200	26,800	48.1	1,290	29,700	29,400	52.7	1,550
Dunn	57,800	57,400	48.1	2,759	63,000	62,800	49.1	3,081
Eau Claire	23,000	22,900	46.0	1,054	26,800	26,700	48.8	1,303
Jackson	23,000	22,900	44.8	1,026	26,700	26,600	55.2	1,468
La Crosse	14,000	13,900	50.2	698	15,900	15,700	55.4	870
Monroe	22,500	22,400	43.9	983	24,900	24,800	53.3	1,322
Pepin	-	-	-	-	14,400	14,300	56.4	806
Pierce	37,900	37,800	51.5	1,947	40,900	40,800	59.2	2,414
St. Croix	53,600	53,300	48.5	2,584	53,900	53,700	53.4	2,870
Trempealeau	-	-	-	-	37,800	37,700	53.2	2,004
Other Counties	47,000	46,600	47.4	2,209	-	-	-	-
West Central	306,000	304,000	47.9	14,550	334,000	332,500	53.2	17,688
Adams	14,500	14,400	47.1	678	11,600	11,500	50.3	578
Green Lake	19,000	18,900	53.3	1,007	18,600	18,500	58.8	1,087
Juneau	25,900	25,800	46.7	1,206	29,400	29,300	51.4	1,506
Marquette	-	-	-	-	-	-	-	-
Portage	-	-	-	-	-	-	-	-
Waupaca	24,900	24,800	49.4	1,226	26,500	26,300	53.0	1,394
Waushara	14,300	14,300	45.0	643	13,300	13,200	48.5	640
Wood	17,800	17,700	47.5	841	18,300	18,200	50.7	922
Other Counties	26,600	26,600	40.6	1,080	29,800	29,500	45.8	1,352
Central	143,000	142,500	46.9	6,681	147,500	146,500	51.1	7,479
Brown	20,300	20,200	52.0	1,050	22,400	22,300	54.5	1,215
Calumet	23,700	23,600	51.5	1,215	25,100	25,000	59.7	1,492
Door	13,000	12,900	40.5	523	11,900	11,800	47.2	557
Fond Du Lac	50,700	50,600	52.2	2,641	49,100	48,900	58.5	2,863
Kewaunee	11,300	11,200	47.9	536	11,700	11,600	54.1	627
Manitowoc	26,900	26,800	47.2	1,265	27,200	27,100	56.8	1,540
Outagamie	52,400	52,200	47.0	2,453	55,100	55,000	50.1	2,754
Sheboygan	29,500	29,400	49.5	1,456	28,200	28,100	54.8	1,541

SOYBEANS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015				2016			
	Planted	Harvested	Yield per Acre	Production	Planted	Harvested	Yield per Acre	Production
	Acres		Bushels	1,000 Bushels	Acres		Bushels	1,000 Bushels
Winnebago	37,200	37,100	48.0	1,780	39,800	39,700	53.8	2,137
East Central	265,000	264,000	48.9	12,919	270,500	269,500	54.6	14,726
Crawford	21,200	21,000	40.7	854	20,300	20,200	52.1	1,053
Grant	66,300	66,000	55.2	3,646	62,700	62,500	62.4	3,900
Iowa	40,200	40,000	53.5	2,140	41,100	41,000	59.9	2,457
Lafayette	59,100	58,800	56.9	3,348	57,000	56,900	64.0	3,640
Richland	16,200	16,100	41.4	666	16,200	15,500	47.2	732
Sauk	33,700	33,400	46.0	1,535	35,900	35,800	57.3	2,051
Vernon	30,300	30,200	42.5	1,285	31,300	31,100	51.4	1,598
Southwest	267,000	265,500	50.7	13,474	264,500	263,000	58.7	15,431
Columbia	48,300	47,900	52.4	2,512	49,000	48,800	58.0	2,832
Dane	85,400	85,000	55.2	4,688	80,600	80,400	60.4	4,855
Dodge	72,400	72,100	54.7	3,941	76,300	76,200	60.4	4,599
Green	56,500	56,200	52.8	2,966	55,900	55,700	63.4	3,529
Jefferson	53,200	53,000	52.8	2,800	52,800	52,700	58.5	3,081
Rock	97,200	96,800	53.4	5,167	93,400	92,200	58.9	5,435
South Central	413,000	411,000	53.7	22,074	408,000	406,000	59.9	24,331
Kenosha	24,100	24,000	50.8	1,218	-	-	-	-
Milwaukee	2,000	2,000	36.5	73	2,300	2,300	47.8	110
Ozaukee	10,700	10,600	50.6	536	-	-	-	-
Racine	35,700	35,500	49.0	1,739	35,900	35,800	55.1	1,974
Walworth	56,700	56,300	54.8	3,086	54,000	53,900	56.5	3,048
Washington	22,000	21,900	52.1	1,142	22,500	22,400	53.8	1,204
Waukesha	19,800	19,700	47.5	936	20,600	20,500	58.0	1,188
Other Counties	-	-	-	-	35,200	35,100	57.6	2,023
Southeast	171,000	170,000	51.4	8,730	170,500	170,000	56.2	9,547
Wisconsin	1,880,000	1,870,000	49.5	92,565	1,960,000	1,950,000	55.0	107,250

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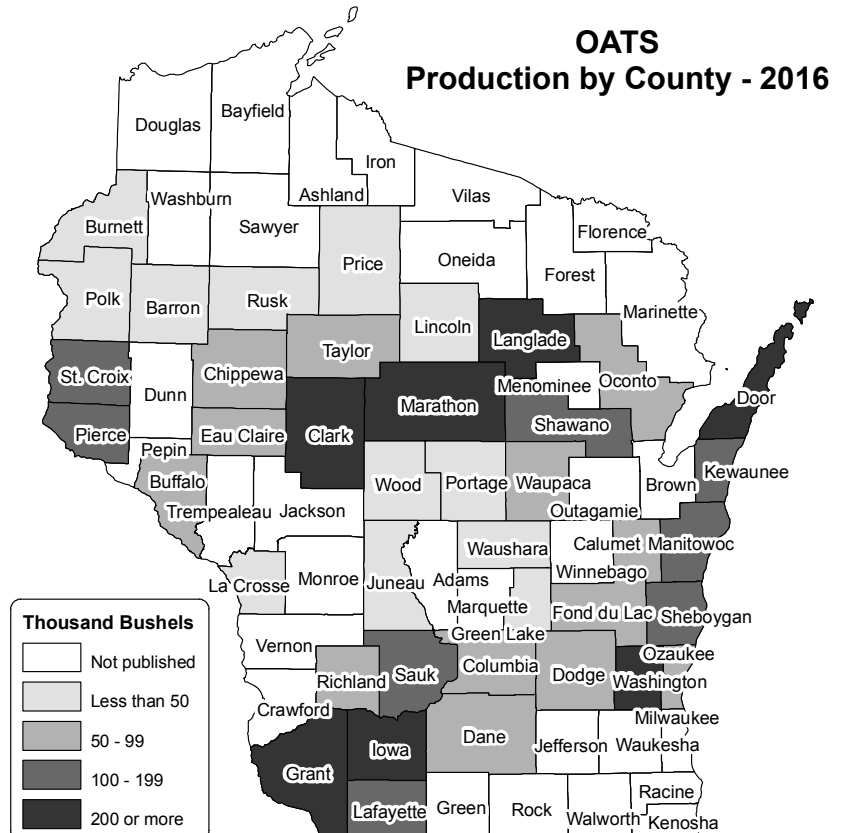
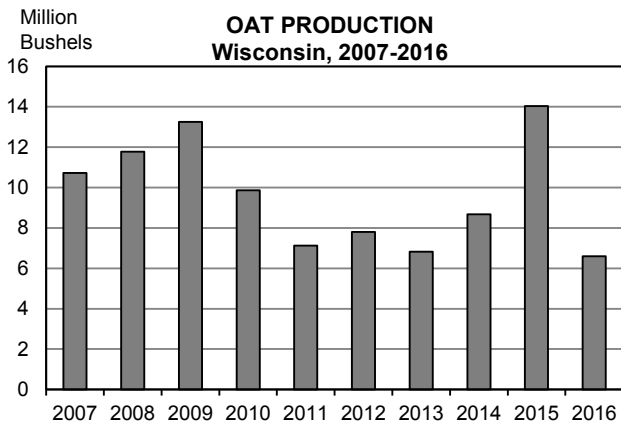
OATS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015				2016			
	Planted	Harvested	Yield per Acre	Production	Planted	Harvested	Yield per Acre	Production
	Acres		Bushels		Acres		Bushels	
Barron	-	-	-	-	3,900	450	47.8	21,500
Bayfield	1,000	980	60.5	59,300	-	-	-	-
Burnett	1,700	730	78.9	57,600	700	490	79.4	38,900
Chippewa	6,300	3,520	65.9	232,000	4,600	1,750	50.0	87,500
Douglas	-	-	-	-	-	-	-	-
Polk	3,500	2,810	76.2	214,000	1,800	370	48.6	18,000
Rusk	2,300	1,370	54.9	75,200	1,100	440	45.0	19,800
Sawyer	-	-	-	-	-	-	-	-
Washburn	-	-	-	-	-	-	-	-
Other counties	7,400	5,090	62.1	315,900	2,400	1,280	53.4	68,300
Northwest	22,200	14,500	65.8	954,000	14,500	4,780	53.1	254,000
Ashland	-	-	-	-	-	-	-	-
Clark	9,200	7,770	70.9	551,000	7,800	5,570	53.9	300,000
Iron	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	800	650	50.9	33,100
Marathon	14,300	12,700	71.1	903,000	9,700	5,800	58.3	338,000
Oneida	-	-	-	-	-	-	-	-
Price	900	770	65.6	50,500	600	310	36.8	11,400
Taylor	-	-	-	-	3,600	1,780	29.8	53,100
Vilas	-	-	-	-	-	-	-	-
Other Counties	11,000	7,660	60.0	459,500	1,800	1,090	66.4	72,400
North Central	35,400	28,900	68.0	1,964,000	24,300	15,200	53.2	808,000
Florence	-	-	-	-	-	-	-	-
Forest	500	360	71.4	25,700	-	-	-	-
Langlade	11,200	10,800	90.6	978,000	10,000	7,860	83.1	653,000
Marinette	-	-	-	-	-	-	-	-
Menominee	-	-	-	-	-	-	-	-
Oconto	-	-	-	-	2,200	900	62.8	56,500
Shawano	7,700	7,190	73.9	531,000	4,200	1,360	74.3	101,000
Other Counties	10,000	6,950	72.8	506,300	3,000	2,180	62.6	136,500
Northeast	29,400	25,300	80.7	2,041,000	19,400	12,300	77.0	947,000
Buffalo	6,000	3,530	53.0	187,000	5,300	1,570	57.5	90,300
Dunn	6,400	5,340	51.3	274,000	-	-	-	-
Eau Claire	4,100	2,530	56.1	142,000	2,800	1,630	55.7	90,800
Jackson	4,800	2,870	63.8	183,000	-	-	-	-
La Crosse	2,100	620	65.8	40,800	1,800	560	62.5	35,000
Monroe	4,300	3,220	68.3	220,000	-	-	-	-
Pepin	-	-	-	-	-	-	-	-
Pierce	5,000	4,150	70.4	292,000	4,100	2,540	58.7	149,000
St Croix	6,900	5,260	63.7	335,000	4,100	2,520	53.2	134,000
Trempealeau	-	-	-	-	-	-	-	-
Other Counties	6,700	4,580	55.1	252,200	17,800	10,280	54.1	555,900
West Central	46,300	32,100	60.0	1,926,000	35,900	19,100	55.2	1,055,000
Adams	1,300	190	55.8	10,600	700	100	49.0	4,900
Green Lake	1,400	1,210	67.0	81,100	900	330	74.5	24,600
Juneau	2,500	740	65.1	48,200	1,700	250	60.4	15,100
Marquette	800	590	56.3	33,200	1,200	210	45.2	9,500
Portage	5,200	960	67.0	64,300	3,900	760	64.9	49,300
Waupaca	3,400	2,820	66.0	186,000	3,100	1,200	67.1	80,500
Waushara	1,200	600	51.0	30,600	1,500	610	38.9	23,700
Wood	4,000	2,190	57.5	126,000	3,500	760	65.0	49,400
Central	19,800	9,300	62.4	580,000	16,500	4,220	60.9	257,000
Brown	8,000	6,880	79.1	544,000	-	-	-	-
Calumet	3,600	2,390	84.1	201,000	1,700	1,130	85.5	96,600
Door	8,800	8,580	73.3	629,000	4,900	3,260	62.6	204,000
Fond Du Lac	3,700	2,260	79.2	179,000	3,400	1,260	78.4	98,800
Kewaunee	9,900	6,150	81.6	502,000	5,300	2,230	76.2	170,000
Manitowoc	11,700	10,500	86.1	904,000	6,800	1,580	75.3	119,000
Outagamie	-	-	-	-	-	-	-	-
Sheboygan	3,400	3,300	87.6	289,000	1,900	1,360	75.7	103,000
Winnebago	-	-	-	-	-	-	-	-

OATS: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015				2016			
	Planted	Harvested	Yield per Acre	Production	Planted	Harvested	Yield per Acre	Production
	Acres		Bushels		Acres		Bushels	
Other Counties	5,800	2,840	75.4	214,000	7,500	4,380	78.9	345,600
East Central	54,900	42,900	80.7	3,462,000	31,500	15,200	74.8	1,137,000
Crawford	4,200	3,080	61.4	189,000	-	-	-	-
Grant	14,300	7,080	74.3	526,000	13,400	7,200	71.5	515,000
Iowa	5,900	3,620	71.5	259,000	5,800	3,390	67.6	229,000
Lafayette	5,500	1,380	75.4	104,000	6,600	1,510	78.1	118,000
Richland	3,700	1,680	53.0	89,000	3,200	910	56.0	51,000
Sauk	5,300	3,610	65.9	238,000	4,400	2,120	71.2	151,000
Vernon	6,800	3,450	71.9	248,000	-	-	-	-
Other Counties	-	-	-	-	10,000	4,870	68.6	334,000
Southwest	45,700	23,900	69.2	1,653,000	43,400	20,000	69.9	1,398,000
Columbia	2,700	1,800	79.4	143,000	2,800	1,140	68.6	78,200
Dane	-	-	-	-	3,100	1,090	68.3	74,500
Dodge	5,300	4,540	90.7	412,000	3,200	1,290	69.1	89,100
Green	5,500	3,680	76.1	280,000	-	-	-	-
Jefferson	1,700	900	73.0	65,700	-	-	-	-
Rock	-	-	-	-	-	-	-	-
Other Counties	5,100	2,680	60.6	162,300	9,800	2,150	78.7	169,200
South Central	20,300	13,600	78.2	1,063,000	18,900	5,670	72.5	411,000
Kenosha	-	-	-	-	-	-	-	-
Milwaukee	-	-	-	-	-	-	-	-
Ozaukee	1,400	1,270	80.3	102,000	1,100	890	62.4	55,500
Racine	-	-	-	-	-	-	-	-
Walworth	900	370	85.9	31,800	-	-	-	-
Washington	2,400	1,960	99.0	194,000	2,200	2,000	115.0	230,000
Waukesha	600	540	85.7	46,300	-	-	-	-
Other Counties	700	360	63.6	22,900	2,300	640	74.2	47,500
Southeast	6,000	4,500	88.2	397,000	5,600	3,530	94.3	333,000
Wisconsin	280,000	195,000	72.0	14,040,000	210,000	100,000	66.0	6,600,000

1/ Some counties were not published to avoid disclosure of individual operations. Unpublished data is included in "other counties."



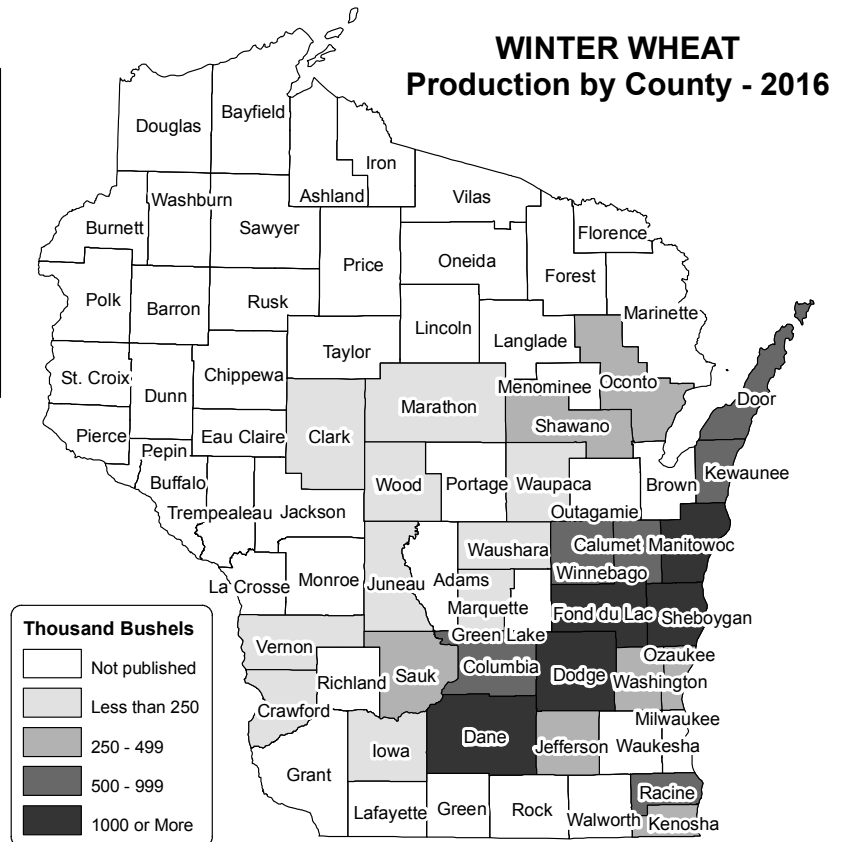
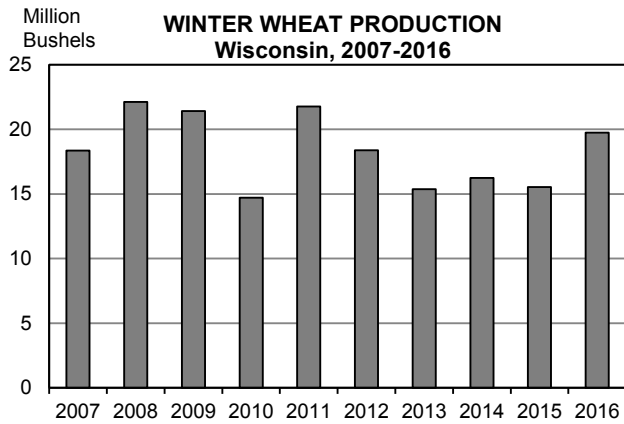
WINTER WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015				2016			
	Planted	Harvested	Yield per Acre	Production	Planted	Harvested	Yield per Acre	Production
	Acres		Bushels		Acres		Bushels	
Barron	-	-	-	-	-	-	-	-
Bayfield	-	-	-	-	-	-	-	-
Burnett	-	-	-	-	-	-	-	-
Chippewa	-	-	-	-	-	-	-	-
Douglas	-	-	-	-	-	-	-	-
Polk	-	-	-	-	-	-	-	-
Rusk	-	-	-	-	-	-	-	-
Sawyer	-	-	-	-	-	-	-	-
Washburn	-	-	-	-	-	-	-	-
Other counties	-	-	-	-	-	-	-	-
Northwest	5,300	5,090	47.5	242,000	-	-	-	-
Ashland	-	-	-	-	-	-	-	-
Clark	-	-	-	-	1,600	1,350	66.8	90,200
Iron	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-
Marathon	-	-	-	-	3,000	2,780	66.2	184,000
Oneida	-	-	-	-	-	-	-	-
Price	-	-	-	-	-	-	-	-
Taylor	-	-	-	-	-	-	-	-
Vilas	-	-	-	-	-	-	-	-
Other Counties	-	-	-	-	2,100	2,040	67.1	136,800
North Central	-	-	-	-	6,700	6,170	66.6	411,000
Florence	-	-	-	-	-	-	-	-
Forest	-	-	-	-	-	-	-	-
Langlade	2,200	2,070	66.7	138,000	-	-	-	-
Marinette	-	-	-	-	-	-	-	-
Menominee	-	-	-	-	-	-	-	-
Oconto	3,400	3,050	66.6	203,000	5,400	5,250	71.8	377,000
Shawano	3,100	2,650	55.1	146,000	4,700	4,570	79.6	364,000
Other Counties	2,200	2,130	63.8	136,000	5,500	4,780	68.2	326,000
Northeast	10,900	9,900	62.9	623,000	15,600	14,600	73.1	1,067,000
Buffalo	-	-	-	-	-	-	-	-
Dunn	-	-	-	-	-	-	-	-
Eau Claire	-	-	-	-	-	-	-	-
Jackson	-	-	-	-	-	-	-	-
La Crosse	-	-	-	-	-	-	-	-
Monroe	-	-	-	-	-	-	-	-
Pepin	-	-	-	-	-	-	-	-
Pierce	-	-	-	-	-	-	-	-
St Croix	-	-	-	-	-	-	-	-
Trempealeau	-	-	-	-	-	-	-	-
Other Counties	-	-	-	-	-	-	-	-
West Central	-	-	-	-	-	-	-	-
Adams	900	800	54.1	43,300	-	-	-	-
Green Lake	-	-	-	-	-	-	-	-
Juneau	-	-	-	-	2,100	2,000	53.0	106,000
Marquette	1,200	1,170	48.7	57,000	1,700	1,540	56.4	86,900
Portage	-	-	-	-	-	-	-	-
Waupaca	2,300	2,200	55.5	122,000	3,400	3,270	64.5	211,000
Waushara	1,200	1,130	60.5	68,400	1,800	1,780	54.9	97,800
Wood	-	-	-	-	2,100	2,000	67.5	135,000
Other Counties	17,100	6,900	71.2	491,300	7,100	6,010	72.3	434,300
Central	22,700	12,200	64.1	782,000	18,200	16,600	64.5	1,071,000
Brown	5,600	5,260	74.3	391,000	-	-	-	-
Calumet	7,000	6,350	80.6	512,000	10,200	7,420	92.6	687,000
Door	6,500	6,270	69.7	437,000	12,300	11,800	69.0	814,000
Fond Du Lac	10,800	10,600	79.4	842,000	14,400	13,800	84.9	1,172,000
Kewaunee	6,600	6,000	78.2	469,000	12,600	11,400	84.5	963,000
Manitowoc	12,700	12,100	79.3	960,000	17,800	17,000	81.3	1,382,000
Outagamie	4,500	4,200	76.2	320,000	-	-	-	-
Sheboygan	8,800	8,720	83.0	724,000	12,100	11,700	86.2	1,009,000

WINTER WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015				2016			
	Planted	Harvested	Yield per Acre	Production	Planted	Harvested	Yield per Acre	Production
	Acres		Bushels		Acres		Bushels	
Winnebago	9,700	9,500	71.2	676,000	11,100	10,600	75.1	796,000
Other Counties	-	-	-	-	19,500	18,680	83.3	1,556,000
East Central	72,200	69,000	77.3	5,331,000	110,000	102,400	81.8	8,379,000
Crawford	800	750	64.8	48,600	1,000	960	63.2	60,700
Grant	-	-	-	-	-	-	-	-
Iowa	4,200	4,000	69.5	278,000	2,400	2,120	81.1	172,000
Lafayette	3,400	3,300	72.7	240,000	-	-	-	-
Richland	1,700	1,300	58.1	75,500	-	-	-	-
Sauk	5,300	5,150	68.9	355,000	5,500	5,320	73.5	391,000
Vernon	-	-	-	-	900	520	52.5	27,300
Other Counties	5,600	5,100	70.4	358,900	6,900	6,580	84.5	556,000
Southwest	21,000	19,600	69.2	1,356,000	16,700	15,500	77.9	1,207,000
Columbia	8,000	7,600	78.9	600,000	7,400	7,160	90.1	645,000
Dane	14,900	14,500	79.7	1,155,000	14,800	13,600	88.7	1,206,000
Dodge	13,400	12,800	77.0	985,000	14,100	13,800	87.5	1,208,000
Green	7,100	6,750	75.7	511,000	-	-	-	-
Jefferson	6,900	6,700	74.5	499,000	6,600	6,370	75.4	480,000
Rock	8,400	8,150	78.7	641,000	-	-	-	-
Other Counties	-	-	-	-	13,000	11,370	80.0	910,000
South Central	58,700	56,500	77.7	4,391,000	55,900	52,300	85.1	4,449,000
Kenosha	4,700	4,400	79.8	351,000	4,900	4,770	78.6	375,000
Milwaukee	-	-	-	-	-	-	-	-
Ozaukee	3,900	3,800	85.3	324,000	4,700	4,540	84.8	385,000
Racine	7,200	7,100	81.8	581,000	7,500	7,290	84.9	619,000
Walworth	6,700	6,600	78.8	520,000	-	-	-	-
Washington	4,400	4,350	80.5	350,000	5,600	5,430	85.6	465,000
Waukesha	-	-	-	-	-	-	-	-
Other Counties	3,000	2,950	78.3	231,000	9,400	9,070	82.5	748,000
Southeast	29,900	29,200	80.7	2,357,000	32,100	31,100	83.3	2,592,000
Other Districts	9,300	8,510	53.8	458,000	14,800	11,330	50.7	574,000
Wisconsin	230,000	210,000	74.0	15,540,000	270,000	250,000	79.0	19,750,000

1/ Some districts/counties were not published to avoid disclosure of individual operations. Unpublished data is included in "other districts/counties."



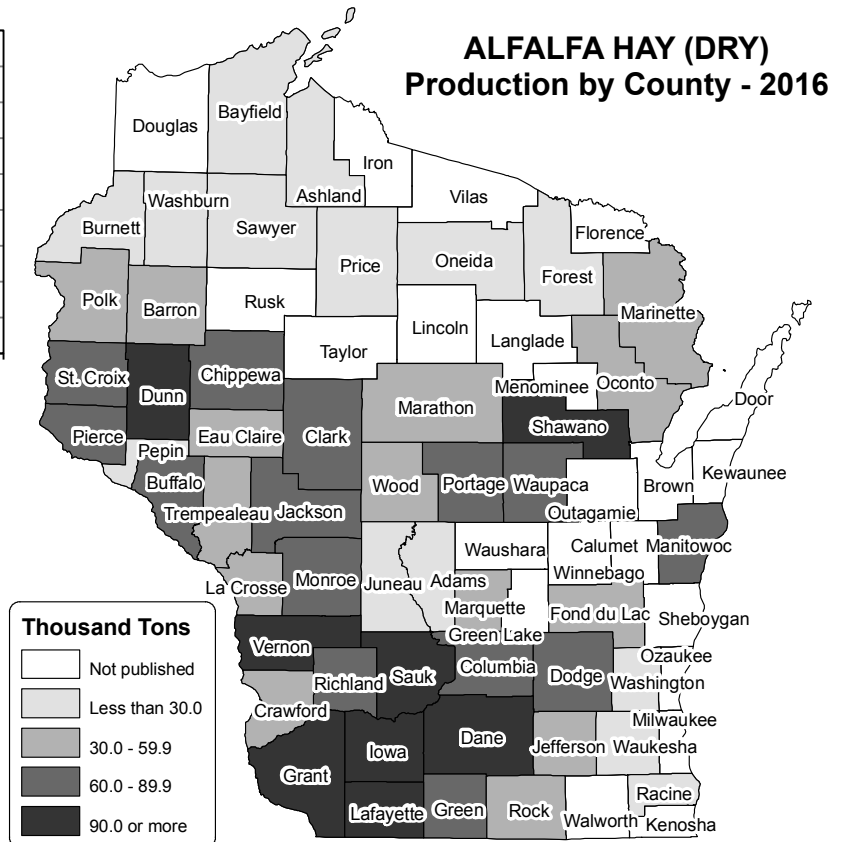
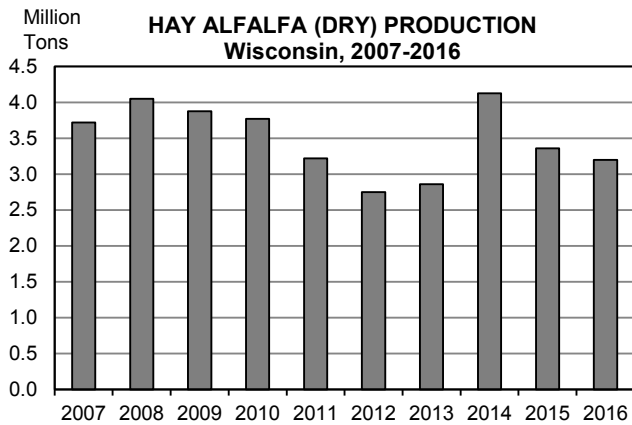
ALFALFA HAY (DRY): ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015			2016		
	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production
	Acres	Tons		Acres	Tons	
Barron	22,700	3.35	75,700	20,500	2.65	54,200
Bayfield	5,230	1.40	7,400	5,430	1.60	8,600
Burnett	7,800	1.95	15,200	8,030	2.80	22,500
Chippewa	25,700	2.15	55,000	24,600	3.25	79,900
Douglas	5,360	1.65	8,900	-	-	-
Polk	16,500	3.10	51,400	17,000	2.85	48,200
Rusk	8,730	2.25	19,600	-	-	-
Sawyer	3,480	1.95	6,800	2,540	2.60	6,600
Washburn	7,800	2.05	16,000	6,020	2.95	17,700
Other Counties	-	-	-	11,680	3.35	38,900
Northwest	103,300	2.50	256,000	95,800	2.90	276,600
Ashland	3,200	1.50	4,830	2,370	2.00	4,700
Clark	32,800	2.80	92,100	27,600	2.75	75,800
Iron	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-
Marathon	32,300	2.80	90,800	23,300	2.25	52,100
Oneida	1,960	1.40	2,750	1,100	2.20	2,400
Price	-	-	-	5,100	1.90	9,700
Taylor	-	-	-	-	-	-
Vilas	-	-	-	-	-	-
Other Counties	24,840	2.15	53,720	15,930	2.05	32,400
North Central	95,100	2.55	244,200	75,400	2.35	177,100
Florence	2,600	1.65	4,320	-	-	-
Forest	3,700	1.40	5,200	3,290	1.80	6,000
Langlade	-	-	-	-	-	-
Marinette	-	-	-	11,400	3.15	35,900
Menominee	-	-	-	-	-	-
Oconto	18,300	2.80	50,900	15,300	2.90	44,000
Shawano	24,900	2.85	71,400	26,700	3.40	91,400
Other Counties	18,200	2.10	38,380	6,810	2.55	17,500
Northeast	67,700	2.50	170,200	63,500	3.05	194,800
Buffalo	23,100	2.50	57,800	21,000	3.25	68,100
Dunn	28,400	3.00	85,100	26,900	3.80	102,800
Eau Claire	15,800	2.55	40,100	15,400	2.75	42,700
Jackson	22,800	2.80	63,600	17,400	3.45	60,400
La Crosse	17,000	2.85	48,200	14,800	2.50	37,200
Monroe	29,100	2.65	77,700	27,600	3.15	87,200
Pepin	9,200	3.00	27,600	7,600	3.75	28,500
Pierce	19,000	3.05	57,500	16,000	4.25	67,800
St. Croix	23,200	2.75	63,900	20,500	3.25	66,900
Trempealeau	23,400	3.25	75,800	15,500	3.55	55,100
West Central	211,000	2.85	597,300	182,700	3.40	616,700
Adams	7,220	2.15	15,500	6,410	2.35	15,000
Green Lake	-	-	-	-	-	-
Juneau	10,500	2.95	30,800	8,160	3.55	28,900
Marquette	-	-	-	10,800	3.00	32,400
Portage	22,700	2.35	53,900	21,900	3.05	67,000
Waupaca	25,900	2.90	74,900	23,000	3.05	69,900
Waushara	-	-	-	-	-	-
Wood	16,000	3.00	48,300	12,300	2.90	35,400
Other Counties	29,480	2.70	80,100	18,630	2.95	54,700
Central	111,800	2.70	303,500	101,200	3.00	303,300
Brown	27,100	3.05	82,800	-	-	-
Calumet	-	-	-	-	-	-
Door	13,800	2.05	28,000	-	-	-
Fond Du Lac	27,500	2.85	78,000	22,400	2.40	53,600
Kewaunee	14,600	2.50	36,600	-	-	-
Manitowoc	17,500	3.05	53,100	19,300	3.45	66,900
Outagamie	-	-	-	-	-	-
Sheboygan	22,900	3.10	71,400	-	-	-
Winnebago	-	-	-	-	-	-

ALFALFA HAY (DRY): ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015			2016		
	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production
	Acres	Tons		Acres	Tons	
Other Counties	42,300	2.95	125,600	85,100	3.05	261,000
East Central	165,700	2.85	475,500	126,800	3.00	381,500
Crawford	23,300	2.90	67,300	15,100	3.00	45,600
Grant	49,600	3.35	165,000	42,200	3.80	159,700
Iowa	36,100	3.30	119,500	29,700	3.90	115,400
Lafayette	36,700	3.15	115,200	26,000	4.20	109,400
Richland	23,400	2.55	59,600	23,900	3.40	80,800
Sauk	36,300	3.15	114,100	30,800	3.70	114,200
Vernon	43,600	3.00	131,800	36,300	3.05	109,900
Southwest	249,000	3.10	772,500	204,000	3.60	735,000
Columbia	28,000	1.90	52,900	19,800	3.95	77,900
Dane	26,600	3.55	95,000	25,200	3.70	92,900
Dodge	29,700	2.75	81,300	22,500	3.45	78,000
Green	38,400	2.40	93,100	22,900	3.10	70,900
Jefferson	12,600	3.45	43,400	11,300	3.55	40,300
Rock	15,700	3.20	50,500	11,600	3.70	43,000
South Central	151,000	2.75	416,200	113,300	3.55	403,000
Kenosha	3,940	2.90	11,500	-	-	-
Milwaukee	-	-	-	-	-	-
Ozaukee	-	-	-	-	-	-
Racine	6,370	3.05	19,300	5,630	2.95	16,500
Walworth	-	-	-	-	-	-
Washington	11,000	2.95	32,200	9,930	2.65	26,100
Waukesha	7,100	2.60	18,600	5,360	3.10	16,500
Other Counties	16,990	2.55	43,000	16,380	3.25	52,900
Southeast	45,400	2.75	124,600	37,300	3.00	112,000
Wisconsin	1,200,000	2.80	3,360,000	1,000,000	3.20	3,200,000

1/ Some counties were not published to avoid disclosure of individual operations. Unpublished data is included in "other counties."



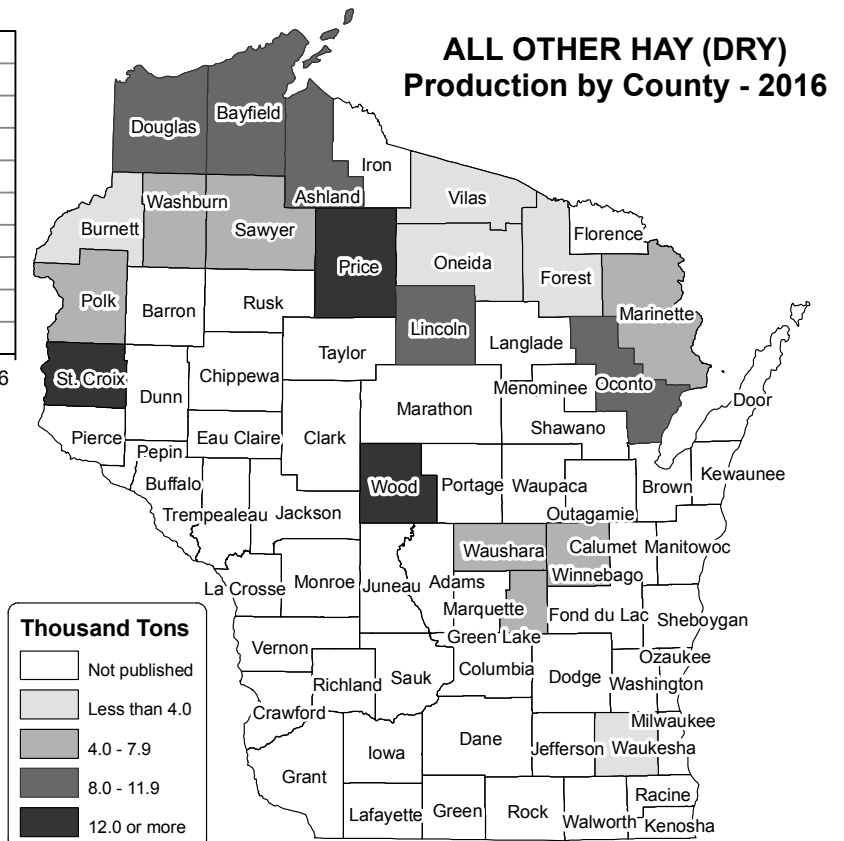
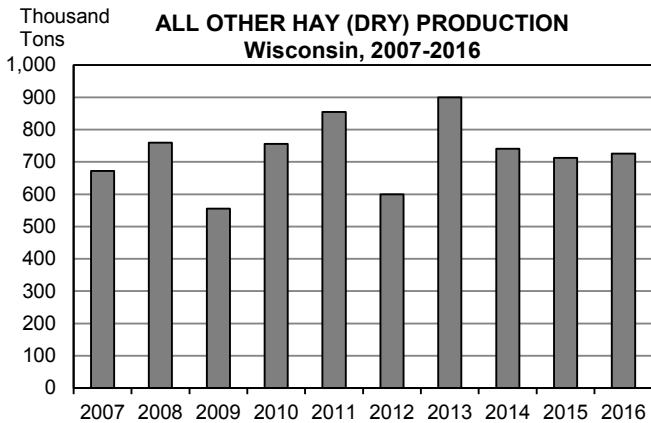
OTHER HAY (DRY): ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015			2016		
	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production
	Acres	Tons		Acres	Tons	
Barron	-	-	-	-	-	-
Bayfield	12,200	1.65	20,000	7,720	1.25	9,700
Burnett	3,090	2.35	7,300	1,500	1.50	2,220
Chippewa	-	-	-	-	-	-
Douglas	9,560	1.25	11,800	5,880	1.40	8,100
Polk	-	-	-	3,040	2.15	6,500
Rusk	13,100	2.15	27,900	-	-	-
Sawyer	4,250	1.45	6,200	2,840	1.70	4,840
Washburn	4,130	1.60	6,700	2,450	1.80	4,440
Other Counties	23,370	1.90	44,300	24,770	2.10	51,800
Northwest	69,700	1.80	124,200	48,200	1.80	87,600
Ashland	7,070	1.55	11,100	6,640	1.65	11,100
Clark	11,800	2.55	30,200	-	-	-
Iron	1,330	1.45	1,930	-	-	-
Lincoln	-	-	-	4,510	1.80	8,100
Marathon	-	-	-	-	-	-
Oneida	2,010	1.15	2,300	2,380	1.60	3,800
Price	9,700	2.40	23,400	10,800	2.10	22,500
Taylor	13,200	2.30	30,400	-	-	-
Vilas	-	-	-	600	1.15	700
Other Counties	22,690	2.45	55,770	53,270	2.25	120,100
North Central	67,800	2.30	155,100	78,200	2.15	166,300
Florence	1,380	1.30	1,820	-	-	-
Forest	1,580	1.45	2,290	1,910	1.40	2,660
Langlade	-	-	-	-	-	-
Marinette	-	-	-	3,310	1.50	4,960
Menominee	-	-	-	-	-	-
Oconto	-	-	-	4,770	2.45	11,700
Shawano	-	-	-	-	-	-
Other Counties	14,540	2.15	31,490	12,610	2.25	28,380
Northeast	17,500	2.05	35,600	22,600	2.10	47,700
Buffalo	-	-	-	-	-	-
Dunn	-	-	-	-	-	-
Eau Claire	3,190	2.55	8,200	-	-	-
Jackson	-	-	-	-	-	-
La Crosse	-	-	-	-	-	-
Monroe	-	-	-	-	-	-
Pepin	1,220	1.95	2,400	-	-	-
Pierce	-	-	-	-	-	-
St. Croix	-	-	-	4,550	2.70	12,300
Trempealeau	-	-	-	-	-	-
Other Counties	31,390	2.40	75,300	30,850	2.20	67,300
West Central	35,800	2.40	85,900	35,400	2.25	79,600
Adams	-	-	-	-	-	-
Green Lake	-	-	-	1,590	2.70	4,300
Juneau	-	-	-	-	-	-
Marquette	1,140	2.65	3,040	-	-	-
Portage	-	-	-	-	-	-
Waupaca	-	-	-	-	-	-
Waushara	2,250	2.75	6,200	1,620	2.60	4,210
Wood	-	-	-	7,090	2.25	15,800
Other Counties	24,410	2.50	60,560	15,400	2.10	32,090
Central	27,800	2.50	69,800	25,700	2.20	56,400
Brown	-	-	-	-	-	-
Calumet	-	-	-	-	-	-
Door	-	-	-	-	-	-
Fond Du Lac	5,930	3.20	18,900	-	-	-
Kewaunee	-	-	-	-	-	-
Manitowoc	-	-	-	-	-	-
Outagamie	-	-	-	-	-	-
Sheboygan	-	-	-	-	-	-
Winnebago	-	-	-	2,150	3.50	7,500

OTHER HAY (DRY): ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016 1/

County and District	2015			2016		
	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production
	Acres	Tons		Acres	Tons	
Other Counties	18,970	2.30	44,000	37,150	2.55	94,400
East Central	24,900	2.55	62,900	39,300	2.60	101,900
Crawford	-	-	-	-	-	-
Grant	-	-	-	-	-	-
Iowa	4,960	2.35	11,600	-	-	-
Lafayette	-	-	-	-	-	-
Richland	4,380	3.15	13,900	-	-	-
Sauk	-	-	-	-	-	-
Vernon	4,580	2.80	12,900	-	-	-
Other Counties	17,080	2.70	46,100	40,900	2.30	94,200
Southwest	31,000	2.75	84,500	40,900	2.30	94,200
Columbia	-	-	-	-	-	-
Dane	-	-	-	-	-	-
Dodge	-	-	-	-	-	-
Green	-	-	-	-	-	-
Jefferson	-	-	-	-	-	-
Rock	-	-	-	-	-	-
Other Counties	27,000	2.75	74,400	29,100	2.30	67,200
South Central	27,000	2.75	74,400	29,100	2.30	67,200
Kenosha	-	-	-	-	-	-
Milwaukee	-	-	-	-	-	-
Ozaukee	-	-	-	-	-	-
Racine	1,300	1.75	2,270	-	-	-
Walworth	-	-	-	-	-	-
Washington	-	-	-	-	-	-
Waukesha	1,390	2.10	2,890	860	1.55	1,330
Other Counties	5,810	2.65	15,440	9,740	2.45	23,770
Southeast	8,500	2.40	20,600	10,600	2.35	25,100
Wisconsin	310,000	2.30	713,000	330,000	2.20	726,000

1/ Some counties were not published to avoid disclosure of individual operations. Unpublished data is included in "other counties."



FORAGE AND HAY SUMMARY: ACREAGE, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2016

Year	Harvested 1,000 acres	Yield per acre Tons	Production 1,000 tons	Value	
				Per ton Dollars	Total 1,000 dollars
ALL FORAGE 1/ (DRY EQUIVALENT)					
2012	2,490	2.81	7,009	-	-
2013	2,650	2.65	7,022	-	-
2014	2,700	3.54	9,570	-	-
2015	2,600	3.45	8,967	-	-
2016	2,400	3.59	8,607	-	-
ALL ALFALFA FORAGE 1/ (DRY EQUIVALENT)					
2012	2,000	3.06	6,121	-	-
2013	2,000	2.88	5,766	-	-
2014	2,200	3.84	8,455	-	-
2015	2,150	3.57	7,685	-	-
2016	1,950	3.80	7,406	-	-
ALL HAY (DRY ONLY)					
2012	1,500	2.23	3,350	175.00	592,600
2013	1,600	2.35	3,760	192.00	722,680
2014	1,640	2.97	4,866	143.00	697,716
2015	1,510	2.70	4,073	92.50	375,625
2016	1,330	2.95	3,926	82.00	329,167
ALFALFA HAY (DRY ONLY)					
2012	1,100	2.50	2,750	188.00	517,000
2013	1,100	2.60	2,860	208.00	594,880
2014	1,250	3.30	4,125	151.00	622,875
2015	1,200	2.80	3,360	98.00	329,280
2016	1,000	3.20	3,200	90.50	289,600
ALL OTHER HAY 2/ (DRY ONLY)					
2012	400	1.50	600	126.00	75,600
2013	500	1.80	900	142.00	127,800
2014	390	1.90	741	101.00	74,841
2015	310	2.30	713	65.00	46,345
2016	330	2.20	726	54.50	39,567

1/Includes all acreage harvested for dry hay and/or haylage and all production from those acres on a dry equivalent basis. 2/Includes clover, timothy, and other types.

PRICES RECEIVED BY FARMERS FOR HAY: BY MONTH, WISCONSIN, 2012-2016

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Dollars per ton												
ALFALFA HAY (BALED)												
2012	130.00	125.00	135.00	135.00	135.00	145.00	150.00	155.00	155.00	180.00	220.00	235.00
2013	240.00	260.00	255.00	260.00	275.00	275.00	195.00	160.00	200.00	200.00	200.00	205.00
2014	200.00	195.00	190.00	170.00	175.00	185.00	135.00	140.00	148.00	159.00	170.00	165.00
2015	133.00	125.00	125.00	124.00	136.00	96.00	88.00	111.00	107.00	102.00	101.00	98.00
2016	107.00	83.00	92.00	99.00	101.00	95.00	80.00	79.00	88.00	117.00	100.00	94.00
ALL OTHER HAY (BALED)												
2012	90.00	90.00	90.00	90.00	90.00	95.00	105.00	110.00	110.00	115.00	120.00	155.00
2013	160.00	170.00	175.00	175.00	215.00	215.00	155.00	120.00	120.00	120.00	130.00	135.00
2014	132.00	129.00	128.00	108.00	115.00	128.00	105.00	100.00	103.00	90.00	95.00	95.00
2015	100.00	88.00	88.00	79.00	86.00	69.00	76.00	54.00	64.00	57.00	73.00	68.00
2016	74.00	54.00	58.00	65.00	59.00	64.00	46.00	46.00	59.00	51.00	70.00	67.00

POTATOES: ACREAGE, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2016

Year	Planted	Harvested	Yield per acre	Production	Value	
					Per cwt.	Total
	Acres		Cwt.	1,000 cwt.	Dollars	1,000 dollars
2012	66,500	66,000	460	30,360	8.70	264,132
2013	62,500	62,000	420	26,040	10.40	270,816
2014	65,000	64,000	410	26,240	10.40	272,896
2015	63,000	62,500	445	27,813	9.70	269,786
2016	65,000	64,000	435	27,840	11.60	322,944

PRICES RECEIVED BY FARMERS FOR POTATOES: BY MONTHS, WISCONSIN, 2012-2016

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
Dollars per hundredweight												
ALL POTATOES 1/												
2012	9.85	10.10	11.60	11.70	8.40	9.35	9.05	9.90	8.20	8.00	8.45	7.75
2013	7.80	8.60	10.20	9.30	8.65	9.45	3/	14.70	10.30	9.70	9.90	10.30
2014	9.55	9.45	10.60	10.20	9.45	11.60	3/	10.50	9.50	8.95	9.20	9.65
2015	10.00	11.20	11.20	12.00	10.90	10.30	3/	10.80	9.25	8.60	9.60	9.10
2016	9.20	9.65	10.80	9.70	10.10	10.20	3/	13.90	13.30	12.90	12.90	12.40
POTATOES, FRESH 2/												
2012	10.60	11.50	11.90	11.00	10.90	9.70	9.40	10.40	8.80	8.50	7.05	6.35
2013	6.20	7.00	6.65	5.40	5.20	3/	3/	19.50	12.40	10.50	10.70	10.00
2014	10.00	11.20	11.00	11.00	10.50	10.70	3/	11.00	10.30	9.20	9.40	9.50
2015	9.85	10.50	9.90	10.60	10.70	10.70	3/	11.00	9.50	8.90	9.70	9.00
2016	8.90	8.95	8.70	8.80	10.85	11.30	3/	15.70	14.50	14.50	14.50	14.50
POTATOES, PROCESSING												
2012	9.35	9.00	9.50	9.30	6.30	6.00	6.00	9.10	7.80	7.65	9.65	8.95
2013	10.80	9.20	12.10	9.85	10.40	3/	3/	7.75	8.05	9.15	9.20	10.60
2014	9.40	7.90	9.60	9.10	8.60	12.00	3/	10.00	8.80	8.60	9.00	9.80
2015	10.20	9.45	8.90	9.55	9.65	9.65	3/	9.90	8.55	8.05	9.35	8.90
2016	9.30	9.35	9.35	9.45	9.50	9.60	3/	10.00	10.00	8.20	8.20	8.00

1/Average price of potatoes sold for all uses, including table stock, processing, seed, and livestock feed. 2/Fresh market prices only. 3/ Insufficient sales data to establish price.

DRY EDIBLE BEANS: ACREAGE, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2016 1/

Year	Planted	Harvested	Yield per acre	Production	Value	
					Per cwt.	Total
	Acres		Pounds	1,000 cwt	Dollars/cwt	1,000 Dollars
2012	5,200	5,200	1,940	101	54.50	5,505
2013	5,400	5,400	1,810	98	55.00	5,390
2014	7,900	7,900	2,480	196	54.00	10,584
2015	7,900	7,900	2,030	160	58.00	9,280
2016	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available. 1/ As of 2016, NASS will no longer set state-level estimates for Wisconsin dry bean production.

PEPPERMINT FOR OIL: HARVESTED ACREAGE, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2016

Year	Harvested	Yield per acre	Production	Value	
				Per pound	Total
	Acres	Pounds	1,000 lbs	Dollars	1,000 dollars
2012	4,200	67	281	22.60	6,351
2013	3,000	57	171	24.60	4,207
2014	(D)	(D)	(D)	(D)	(D)
2015	(D)	(D)	(D)	(D)	(D)
2016	3,100	59	183	24.90	4,557

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

PROCESSING VEGETABLES: ACREAGE, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2015

Year	Planted	Harvested	Yield per acre	Production	Value 1/	
					Per Ton	Total
					Dollars	1,000 Dollars
Acres		Tons				
SWEET CORN, PROCESSING						
2012	75,300	73,200	8.01	586,340	114.00	67,014
2013	70,800	66,500	8.78	583,960	150.00	87,569
2014	69,900	65,800	8.24	542,160	96.20	52,177
2015	64,700	60,700	8.08	490,230	87.90	43,085
SNAP BEANS, PROCESSING						
2012	74,000	70,700	4.50	317,980	242.00	76,944
2013	65,500	59,800	4.99	298,570	340.00	101,452
2014	66,000	64,100	4.87	312,280	185.00	57,633
2015	69,200	65,300	5.05	329,530	202.00	66,472
GREEN PEAS, PROCESSING						
2012	39,500	37,300	1.78	66,300	461.00	30,566
2013	37,800	36,000	2.10	75,550	521.00	39,360
2014	37,700	36,600	1.93	70,640	378.00	26,685
2015	36,000	34,300	2.37	81,120	334.00	27,110
CARROTS, PROCESSING						
2012	4,300	4,200	28.31	118,900	87.10	10,356
2013	4,200	4,100	28.50	116,850	106.00	12,362
2014	3,800	3,700	28.95	107,100	89.30	9,569
2015	3,900	3,800	25.72	97,730	98.80	9,652
CUCUMBERS FOR PICKLES						
2012	5,600	5,300	5.70	30,210	259.00	7,824
2013	6,000	5,900	6.51	38,410	288.00	11,062
2014	5,600	5,400	6.26	33,800	297.00	10,039
2015	5,600	5,400	6.09	32,890	290.00	9,538

1/Value per unit is defined as "all payments to growers, plus the costs of materials and services provided to get the raw commodity to the plant receiving door."

VEGETABLE SUMMARY: ACREAGE, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2015

Year	Planted	Harvested	Yield per acre	Production	Value	
					Per Cwt.	Total
					Dollars	1,000 Dollars
Acres		Cwt.		1,000 cwt.		
CABBAGE, FRESH						
2012	2,400	2,300	250	575	15.00	8,625
2013	3,200	3,100	280	868	16.40	14,235
2014	3,000	2,900	250	725	14.20	10,295
2015	(D)	(D)	(D)	(D)	(D)	(D)
ONIONS 1/						
2012	2,000	2,000	310	620	13.40	7,223
2013	1,800	1,800	450	810	16.40	12,480
2014	1,800	1,700	465	791	17.50	13,073
2015	1,600	1,500	430	645	16.60	10,624
SWEET CORN, FRESH						
2012	5,800	4,900	93	456	25.60	11,674
2013	4,700	4,200	101	424	29.60	12,550
2014	3,900	3,500	112	392	25.60	10,035
2015	3,900	3,700	129	477	29.30	13,976

(D) Withheld to avoid disclosing data for individual operations. 1/ Summer storage onions only.

VEGETABLES ACREAGE, YIELD, PRODUCTION, AND PRICE BY UTILIZATION, WISCONSIN: 2016

Crop	Planted	Harvested	Yield per acre	Utilized production			Price			Value of utilized production		
				Fresh	Processed	All	Fresh	Processed	All	Fresh	Processed	All
	All	All	All	1,000 Cwt	Tons	1,000 Cwt	Dollars per cwt	Dollars per ton	Dollars per cwt	1,000 Dollars		
Cabbage	6,100	6,000	665	(D)	(D)	3,987	(D)	(D)	11.90	(D)	(D)	47,553
Carrots	4,600	4,500	475	13	106,150	2,136	110.00	81.00	4.70	1,430	8,641	10,071
Cucumbers	5,600	5,500	123	15	33,172	678	51.00	220.00	11.90	745	7,298	8,043
Green peas	28,700	27,100	47	2	63,050	1,263	169.00	198.00	10.20	338	12,484	12,822
Pumpkins	2,100	1,800	111	189	-	189	18.90	-	18.90	3,572	-	3,572
Snap beans	71,800	66,600	109	8	363,552	7,279	35.30	124.00	6.23	282	45,080	45,362
Sweet corn	61,500	60,300	171	582	486,749	10,317	27.80	68.20	4.79	16,180	33,196	49,376

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

APPLES AND CHERRIES: ACREAGE, YIELD, AND VALUE, WISCONSIN, 2012-2016

Year	Bearing acreage Acres	Yield per acre 1/ Pounds	Production		Price per pound			Value of production		
			Total	Utilized	Fresh	Processed	All	Fresh	Processed	All
			Million pounds		Dollars			1,000 dollars		
APPLES										
2012	4,400	7,390	32.5	29.4	0.708	0.105	0.649	18,762	304	19,066
2013	4,000	12,000	48.0	46.0	0.557	0.109	0.508	22,837	545	23,382
2014	4,000	13,500	54.0	51.0	0.718	0.096	0.612	30,371	831	31,202
2015	4,000	12,900	51.5	48.1	0.680	0.125	0.578	26,724	1,101	27,825
2016	4,000	10,300	41.0	39.5	0.636	0.207	0.552	20,225	1,594	21,819
CHERRIES, TART										
2012	1,900	947	1.8	1.7	1.250	1.100	1.110	125	1,760	1,885
2013	2,000	6,150	12.3	12.1	1.570	0.326	0.357	471	3,847	4,318
2014	1,800	6,830	12.3	12.2	1.020	0.332	0.394	1,122	3,686	4,808
2015	1,700	5,470	9.3	9.2	0.738	0.308	0.331	369	2,680	3,049
2016	1,700	8,000	13.6	13.5	0.963	0.297	0.302	96	3,980	4,076

1/Yield is based on total on total production, which includes unharvested production and fruit harvested but not sold due to marketing conditions.

CRANBERRIES: ACREAGE, YIELD, PRODUCTION AND VALUE, WISCONSIN, 2012-2016

Year	Harvested Acres	Yield per acre	Production		Utilization		Value	
			Total	Utilized	Fresh	Processed	Per barrel 1/	Total
			Barrels				Dollars	1,000 dollars
2012	19,700	245.2	4,830,000	4,830,000	130,000	4,700,000	47.80	230,672
2013	21,100	282.8	6,015,600	5,967,600	192,600	5,775,000	32.00	190,679
2014	20,700	239.5	5,022,000	4,957,000	165,000	4,792,000	27.90	138,370
2015	20,200	237.3	4,856,000	4,793,000	185,000	4,608,000	29.20	140,146
2016	21,100	288.2	6,130,000	6,081,000	202,000	5,879,000	29.20	177,347

1/Weighted average of co-op and independent sales. Co-op prices represent pool proceeds less returns for processing non-cranberry products, capital stock dividends, capital stock retains, and other retains.

STRAWBERRIES: ACREAGE, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2016

Year	Planted Acres	Harvested Acres	Yield per acre Cwt.	Production Cwt.	Value	
					Per cwt.	Total
					Dollars	1,000 dollars
2012	870	740	51	38,000	151.00	5,738
2013	840	720	54	39,000	165.00	6,435
2014	820	630	60	38,000	165.00	6,270
2015	790	610	55	34,000	170.00	5,780
2016 1/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available. 1/ As of 2016, NASS will no longer set state-level estimates for Wisconsin strawberry production.

MAPLE SYRUP: TAPS, YIELD, PRODUCTION, AND VALUE, WISCONSIN, 2012-2016

Year	Taps 1,000 taps	Yield per tap Gallons	Production 1,000 gallons	Average price per gallon Dollars	Value of Production 1,000 dollars	Method of sale			Average season length Days
						Retail	Wholesale container	Bulk	
						Percent			
2012	680	0.097	66	45.60	3,010	39	18	43	10
2013	740	0.358	265	37.40	9,911	21	17	62	29
2014	700	0.286	200	33.40	6,680	18	19	63	23
2015	760	0.283	215	33.10	7,117	19	12	69	23
2016	765	0.307	235	33.50	7,873	22	11	67	29

Livestock & Dairy

In 2016, Wisconsin produced 30.1 billion pounds of milk, a 4 percent increase over the previous year. The number of milk cows declined slightly, averaging 1.28 million head. Milk per cow rose from 22,697 pounds in 2015 to 23,552 in 2016. Milk prices began the year at \$16.10 per hundredweight (cwt.) in January, before declining gradually to \$14.80 in May. Prices then rose again, ending the year at \$19.70 per cwt in December.

Wisconsin maintained its status as the nation's largest cheese producer in 2016, with 27 percent of the nation's production. From 2015 to 2016, the state's total cheese production rose 6 percent to 3.24 billion pounds. Italian cheese production was up 7 percent to 1.64 billion pounds, comprising 51 percent of Wisconsin's total production. Production of American cheeses rose 5 percent to 955 million pounds. Specialty cheese production grew from 722 million pounds in 2015 to 774 million pounds in 2016, accounting for 24 percent of the state's total cheese production.

The total inventory of cattle and calves on January 1, 2017 was 3.55 million head, up 50,000 head from the previous year. The number of milk cows was the same as the previous year, at 1,280,000 head. The number of beef cows rose 20,000 head to 290,000 head. On the U.S. level, slaughter prices fell to \$120.00 per cwt. for cattle and \$166.00 per cwt. for calves. As a result, Wisconsin's value of production fell 23 percent to \$1.61 billion.

As of December 1, 2016, hog inventory totaled 325,000 head, 5,000 more than a year earlier. Pork production totaled 142 million pounds (live weight basis), a decrease of 3 percent. Average price per cwt. on the U.S. level decreased 7 percent to \$49.60. Wisconsin's value of production dropped from \$97 million in 2015 to \$86 million in 2016.

Sheep and lamb inventory was 76,000 head as of January 1, 2017, the same as the previous year. Wool production fell 25,000 pounds to 340,000 pounds total, and the average price for wool fell to \$0.70 per pound. Milk goat inventory held steady at 44,000. Wisconsin continues to have the largest number of milk goats in the nation.

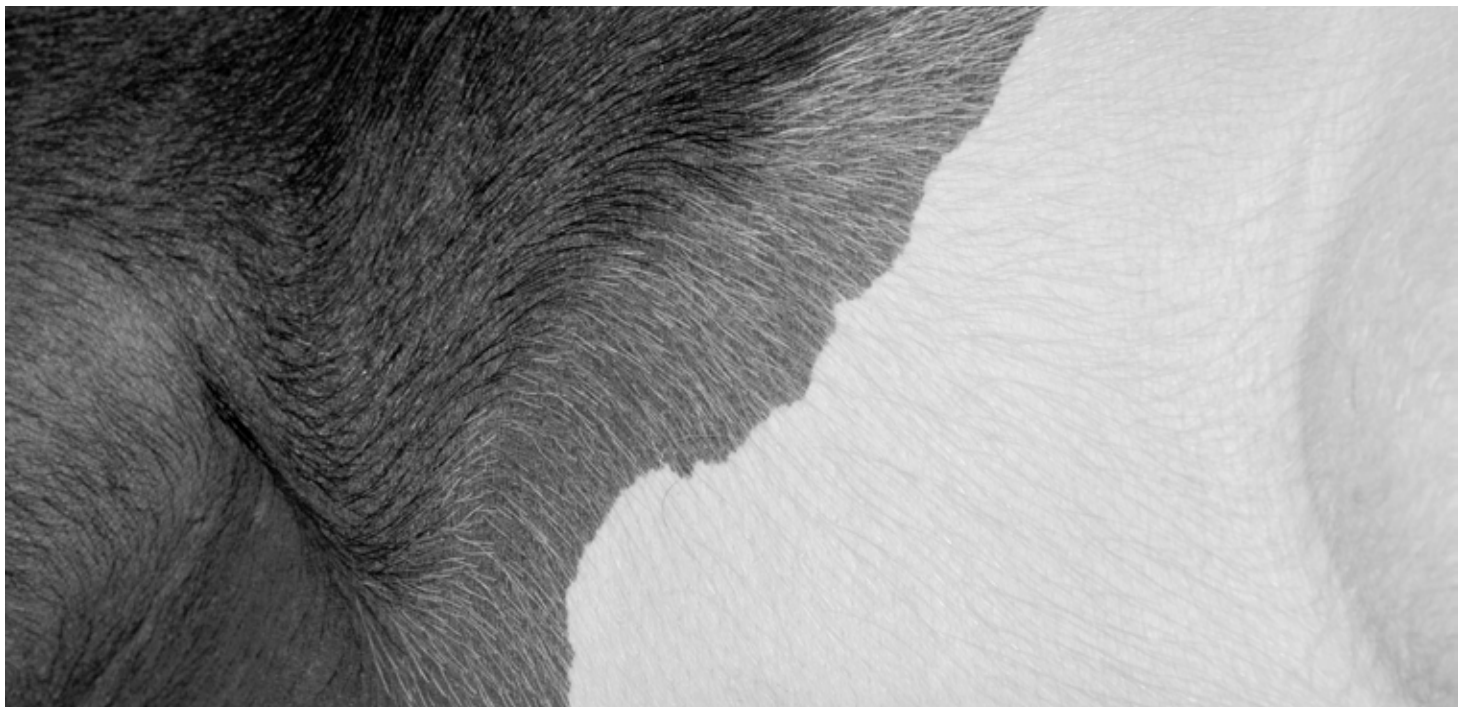
Egg production increased 15 percent to 1.62 billion eggs for the year ending November 30, 2016. There were 5.62 million layers, with an average of 288 eggs per layer. The egg price per dozen fell 63 percent to \$0.59 in 2016. This caused the value of production to fall 58 percent to \$79.1 million.

In 2016, broiler production rose to 54.1 million head. The price of broilers fell 11 percent to 48 cents per pound. The decrease in broiler price led to an 11 percent decrease in value of production.

The total sales value of trout rose 7 percent in 2016 to 1.56 million dollars. Trout distributed for restoration, conservation, or recreational purposes were valued at 2.70 million dollars, down 5 percent from the previous year.

Wisconsin produced 1.20 million mink pelts in 2016, down 9 percent from 2015. Wisconsin produced more mink pelts than any other state, with 36 percent of the nation's total production. The U.S. average price per pelt rose 9 percent to \$35.00. The total value of pelts produced in Wisconsin was \$41.9 million.

Honey production fell 4 percent, from 3.48 million pounds in 2015 to 3.35 million pounds in 2016. Honey-producing colonies rose by 2,000 to 54,000. Yield per colony decreased 7 percent, from an average of 67 pounds in 2015 to an average of 62 pounds in 2016. The average price of honey rose 1 cent to \$2.44 per pound.



LIVESTOCK AND DAIRY RECORDS IN WISCONSIN AGRICULTURE

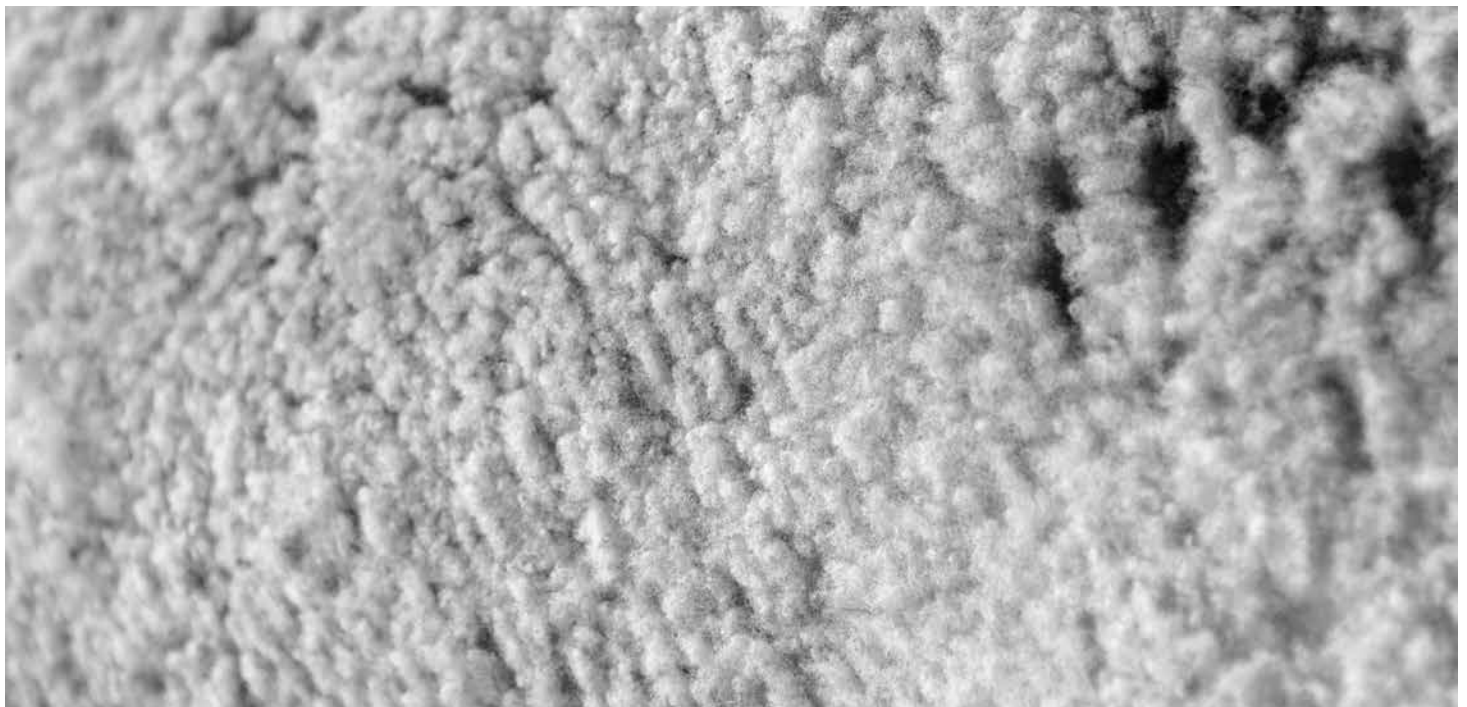
Commodity	Unit	2016	Record high		Record low		Year estimate started
			Quantity	Year 1/	Quantity	Year 1/	
Cattle, all, Jan. 1	Head	3,550,000 2/	4,640,000	1975	642,000	1867	1867
Milk cows, Jan. 1	Head	1,280,000 2/	2,585,000	1946	245,000	1867	1867
Beef cows, Jan. 1	Head	290,000 2/	350,000	1976	16,000	1939	1920
Milk production	Mil. lbs.	30,123	30,123	2016	2,612	1889	1889
Milk per cow per year	Pounds	23,552	23,552	2016	5,100	1934	1933
Hogs, all, Dec. 1	Head	325,000	2,516,000	1943	300,000	2014	1866
Sheep & lambs, Jan. 1	Head	76,000 2/	543,000	1932	76,000	2016	1920
Milk Goats, Jan. 1	Head	44,000 2/	50,000	2011	35,000	2008	2008
Layers, annual average	Head	5,616,000	18,848,000	1944	3,175,000	1993	1924
Egg production	Mil. eggs	1,619	2,411	1944	820	1993	1925
Total cheese	Thous. lbs.	3,239,035	3,239,035	2016	275,528	1922	1920
American cheese	Thous. lbs.	954,615	1,158,909	1983	215,400	1922	1920
Italian cheese	Thous. lbs.	1,641,980	1,641,980	2016	124	1925	1920
Hispanic cheese	Thous. lbs.	85,400	85,400	2016	14,447	1997	1997
Muenster cheese	Thous. lbs.	60,232	81,957	1987	5,044	1931	1931
Swiss cheese	Thous. lbs.	18,200	53,581	1988	16,651	2015	1970

1/These are the latest years that records were achieved. In some cases, these records were equaled in several earlier years. 2/Inventory as of January 1, 2017.

**LIVESTOCK: NUMBER OF HEAD AND VALUE,
WISCONSIN, JANUARY 1, 2017**

Commodity	Head	Value per head	Total value
	1,000	Dollars	1,000 dollars
Cattle and calves, all	3,550	1,240.00	4,402,000
Hogs and pigs, all 1/	325	94.00	30,550
Sheep and lambs, all	76	208.00	15,808
Chickens, total 1/ 2/	6,602	2.40	15,845

1/December 1 previous year. 2/Does not include commercial broilers.



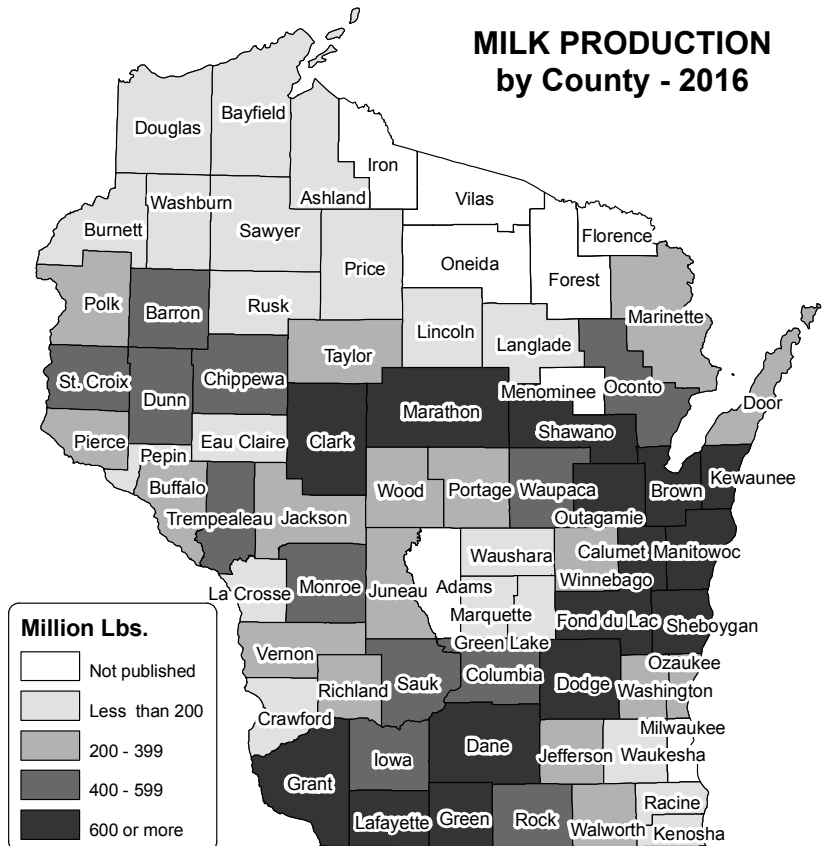
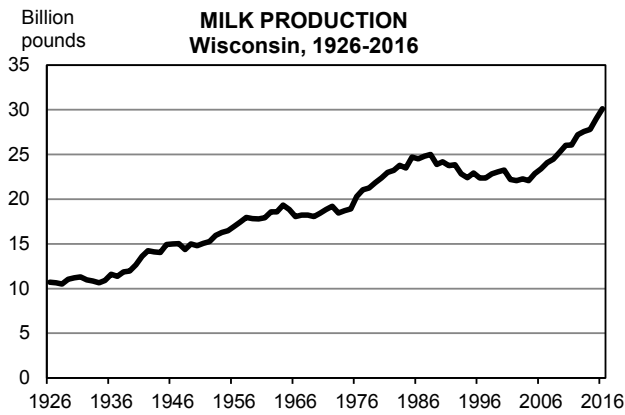
MILK COWS: PRODUCTION PER COW AND TOTAL MILK PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016

County	2015			2016		
	Number of cows 1/	Milk per cow	Production	Number of cows 1/	Milk per cow	Production
	Number	Pounds	1,000 lbs.	Number	Pounds	1,000 lbs.
Northwest						
Barron	22,500	18,000	405,000	22,500	18,600	418,500
Bayfield	1,700	17,700	30,090	1,600	17,800	28,480
Burnett	3,400	18,200	61,880	3,500	18,300	64,050
Chippewa	26,500	18,600	492,900	26,000	19,400	504,400
Douglas	400	16,600	6,640	300	16,800	5,040
Polk	14,800	19,000	281,200	14,600	19,300	281,780
Rusk	10,000	19,300	193,000	9,800	19,400	190,120
Sawyer	3,300	19,700	65,010	3,300	20,100	66,330
Washburn	2,400	22,800	54,720	2,400	23,000	55,200
North Central						
Ashland	2,000	22,000	44,000	2,200	22,200	48,840
Clark	69,000	21,400	1,476,600	68,000	22,400	1,523,200
Iron 2/	-	-	-	-	-	-
Lincoln	3,800	20,600	78,280	3,900	20,800	81,120
Marathon	61,000	21,200	1,293,200	61,000	22,200	1,354,200
Oneida 2/	-	-	-	-	-	-
Price	4,700	19,700	92,590	4,800	19,800	95,040
Taylor	16,000	18,700	299,200	16,100	19,400	312,340
Vilas 2/	-	-	-	-	-	-
Northeast						
Florence 2/	-	-	-	-	-	-
Forest 2/	-	-	-	-	-	-
Langlade	7,600	21,800	165,680	7,500	22,400	168,000
Marinette	13,400	24,300	325,620	13,800	24,600	339,480
Menominee 2/	-	-	-	-	-	-
Oconto	20,500	24,300	498,150	20,000	24,900	498,000
Shawano	36,500	23,700	865,050	36,000	24,800	892,800
West Central						
Buffalo	17,700	20,500	362,850	17,500	20,700	362,250
Dunn	19,800	19,900	394,020	19,600	20,700	405,720
Eau Claire	9,500	18,000	171,000	9,100	18,200	165,620
Jackson	13,900	20,500	284,950	13,400	20,700	277,380
La Crosse	9,000	18,300	164,700	8,800	18,500	162,800
Monroe	23,500	20,700	486,450	23,500	20,800	488,800
Pepin	7,700	24,800	190,960	7,700	24,900	191,730
Pierce	15,300	20,700	316,710	15,100	20,900	315,590
St. Croix	18,400	23,100	425,040	18,200	23,300	424,060
Trempealeau	20,500	21,000	430,500	20,500	21,300	436,650
Central						
Adams 2/	-	-	-	-	-	-
Green Lake	7,800	21,600	168,480	7,800	22,700	177,060
Juneau	11,000	20,900	229,900	11,000	21,200	233,200
Marquette	5,600	24,600	137,760	5,500	25,600	140,800
Portage	12,700	21,400	271,780	12,600	22,200	279,720
Waupaca	22,500	22,800	513,000	22,500	23,600	531,000
Waushara	6,500	23,900	155,350	6,400	24,500	156,800
Wood	17,800	20,900	372,020	18,000	21,800	392,400
East Central						
Brown	45,500	26,800	1,219,400	45,500	27,700	1,260,350
Calumet	31,000	25,900	802,900	31,000	27,300	846,300
Door	10,700	20,100	215,070	12,000	20,900	250,800
Fond du Lac	59,000	24,700	1,457,300	59,000	26,100	1,539,900
Kewaunee	45,500	25,300	1,151,150	48,000	26,500	1,272,000
Manitowoc	54,000	26,600	1,436,400	54,000	27,700	1,495,800
Outagamie	37,500	26,900	1,008,750	37,000	27,500	1,017,500
Sheboygan	29,000	25,200	730,800	28,500	26,600	758,100
Winnebago	15,000	23,300	349,500	14,700	24,600	361,620

MILK COWS: PRODUCTION PER COW AND TOTAL MILK PRODUCTION, BY COUNTY, WISCONSIN, 2015-2016

County	2015			2016		
	Number of cows 1/ Number	Milk per cow Pounds	Production 1,000 lbs.	Number of cows 1/ Number	Milk per cow Pounds	Production 1,000 lbs.
Southwest						
Crawford	7,100	16,900	119,990	7,000	18,000	126,000
Grant	44,000	20,700	910,800	44,000	21,500	946,000
Iowa	22,500	18,500	416,250	22,500	19,600	441,000
Lafayette	30,500	19,700	600,850	30,500	20,800	634,400
Richland	14,500	19,900	288,550	14,500	20,200	292,900
Sauk	24,500	20,100	492,450	24,000	21,000	504,000
Vernon	21,000	18,200	382,200	21,000	18,300	384,300
South Central						
Columbia	15,800	25,000	395,000	16,000	26,100	417,600
Dane	55,000	26,300	1,446,500	55,000	27,400	1,507,000
Dodge	40,000	23,800	952,000	40,000	25,000	1,000,000
Green	28,500	22,900	652,650	29,000	23,700	687,300
Jefferson	14,100	23,600	332,760	14,300	24,600	351,780
Rock	17,700	23,300	412,410	17,700	24,500	433,650
Southeast						
Kenosha	3,500	22,700	79,450	3,500	23,700	82,950
Milwaukee 2/	-	-	-	-	-	-
Ozaukee	9,300	25,100	233,430	10,000	25,500	255,000
Racine	3,400	24,800	84,320	3,500	25,400	88,900
Walworth	13,300	26,300	349,790	13,800	27,100	373,980
Washington	14,900	25,100	373,990	15,200	26,000	395,200
Waukesha	2,100	24,600	51,660	2,000	25,600	51,200
Wisconsin	1,279,000	22,697	29,030,000	1,279,000	23,552	30,123,000

1/Average number of milk cows on farms during year, excluding heifers not yet fresh. 2/Not published, but included in state total. Source: Wisconsin Department of Agriculture, Trade, and Consumer Protection



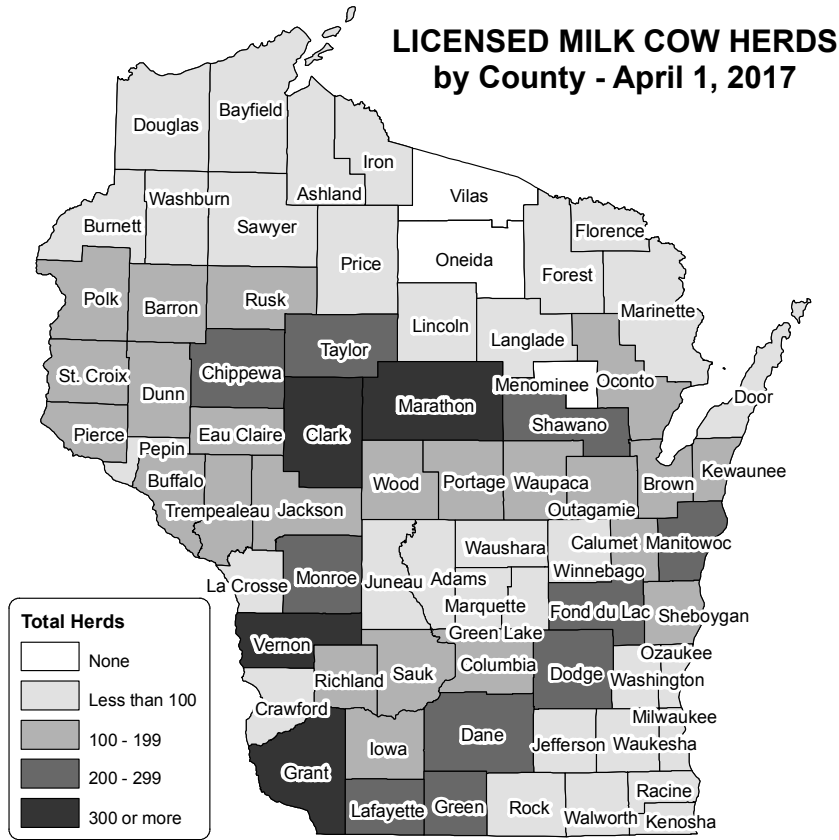
WISCONSIN MILK COW HERDS BY TYPE OF MILK PRODUCED: NUMBER AND PERCENT BY COUNTY, 2017 1/

County	Total Grade A		Total Grade B			Percent of total	Total herds
	Herds	Percent of total	Herds				
			Bulk	Can	Total		
Adams	13	93%	1	0	1	7%	14
Ashland	10	77%	3	0	3	23%	13
Barron	182	95%	10	0	10	5%	192
Bayfield	20	87%	3	0	3	13%	23
Brown	146	97%	5	0	5	3%	151
Buffalo	107	95%	2	4	6	5%	113
Burnett	23	79%	5	1	6	21%	29
Calumet	102	99%	1	0	1	1%	103
Chippewa	266	96%	7	3	10	4%	276
Clark	677	80%	31	141	172	20%	849
Columbia	88	77%	0	26	26	23%	114
Crawford	86	98%	2	0	2	2%	88
Dane	246	98%	4	1	5	2%	251
Dodge	239	99%	2	0	2	1%	241
Door	62	93%	5	0	5	7%	67
Douglas	6	100%	0	0	0	0%	6
Dunn	133	94%	8	0	8	6%	141
Eau Claire	72	56%	8	48	56	44%	128
Florence	2	100%	0	0	0	0%	2
Fond Du Lac	236	100%	1	0	1	0%	237
Forest	1	100%	0	0	0	0%	1
Grant	349	94%	22	0	22	6%	371
Green	175	71%	70	0	70	29%	245
Green Lake	40	56%	1	30	31	44%	71
Iowa	172	92%	15	0	15	8%	187
Iron	4	100%	0	0	0	0%	4
Jackson	94	69%	7	36	43	31%	137
Jefferson	96	100%	0	0	0	0%	96
Juneau	60	98%	1	0	1	2%	61
Kenosha	22	100%	0	0	0	0%	22
Kewaunee	149	93%	11	0	11	7%	160
La Crosse	79	98%	2	0	2	2%	81
Lafayette	217	89%	27	1	28	11%	245
Langlade	41	98%	1	0	1	2%	42
Lincoln	35	92%	3	0	3	8%	38
Manitowoc	212	98%	5	0	5	2%	217
Marathon	508	92%	46	0	46	8%	554
Marinette	59	97%	2	0	2	3%	61
Marquette	28	80%	0	7	7	20%	35
Milwaukee	1	50%	1	0	1	50%	2
Monroe	163	57%	1	123	124	43%	287
Oconto	111	94%	7	0	7	6%	118
Oneida	0	100%	0	0	0	0%	0
Outagamie	170	94%	10	0	10	6%	180
Ozaukee	43	96%	2	0	2	4%	45
Pepin	53	98%	1	0	1	2%	54
Pierce	120	96%	5	0	5	4%	125
Polk	115	93%	8	0	8	7%	123
Portage	96	94%	6	0	6	6%	102
Price	50	91%	5	0	5	9%	55
Racine	24	100%	0	0	0	0%	24
Richland	98	85%	11	6	17	15%	115
Rock	82	98%	2	0	2	2%	84
Rusk	102	95%	5	0	5	5%	107
St Croix	119	86%	5	14	19	14%	138
Sauk	169	92%	14	0	14	8%	183
Sawyer	15	100%	0	0	0	0%	15
Shawano	273	95%	15	0	15	5%	288
Sheboygan	133	96%	5	0	5	4%	138
Taylor	189	88%	22	4	26	12%	215

WISCONSIN MILK COW HERDS BY TYPE OF MILK PRODUCED: NUMBER AND PERCENT BY COUNTY, 2017 1/

County	Total Grade A		Total Grade B			Percent of total	Total herds
	Herds	Percent of total	Herds				
			Bulk	Can	Total		
Trempealeau	140	89%	15	2	17	11%	157
Vernon	177	49%	14	167	181	51%	358
Walworth	68	99%	1	0	1	1%	69
Washburn	16	94%	1	0	1	6%	17
Washington	85	98%	2	0	2	2%	87
Waukesha	22	100%	0	0	0	0%	22
Waupaca	144	94%	10	0	10	6%	154
Waushara	36	95%	2	0	2	5%	38
Winnebago	70	95%	4	0	4	5%	74
Wood	180	92%	16	0	16	8%	196
Wisconsin	8,121	88%	501	614	1,115	12%	9,236

1/ Based on data from the Dairy Producer License list as of April 1, 2017, Division of Food and Recreational Safety, Wisconsin Department of Agriculture, Trade and Consumer Protection.



NUMBER OF MILK COW HERDS: BY MONTHS, WISCONSIN, 2014-2017 1/

Month	2014	2015	2016	2017
January	10,541	10,081	9,695	9,304
February	10,498	10,051	9,678	9,288
March	10,460	10,028	9,618	9,261
April	10,407	9,992	9,601	9,236
May	10,334	9,929	9,566	9,167
June	10,296	9,900	9,517	9,106
July	10,254	9,878	9,494	9,046
August	10,209	9,848	9,470	9,021
September	10,186	9,825	9,447	8,970
October	10,157	9,793	9,406	
November	10,136	9,737	9,360	
December	10,106	9,711	9,343	

1/Based on data from the Dairy Producer License list as of the beginning of the month, Division of Food and Recreational Safety, Wisconsin Department of Agriculture, Trade and Consumer Protection.

NUMBER OF MILK GOAT AND SHEEP HERDS: BY MONTHS, WISCONSIN, 2014-2017 1/

Month	2014	2015	2016	2017
January	207	214	267	344
February	205	248	268	350
March	208	236	279	360
April	221	245	299	369
May	220	256	339	379
June	222	288	311	381
July	218	263	345	389
August	219	269	341	389
September	218	289	346	391
October	216	264	345	
November	218	294	348	
December	216	291	340	

1/Based on data from the Dairy Producer License list as of the beginning of the month, Division of Food Recreational Safety, Wisconsin Department of Agriculture, Trade and Consumer Protection.

MILK COW NUMBERS: BY MONTHS, WISCONSIN, 2012-2016 1/

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	1,000 head												
2012	1,265	1,266	1,269	1,270	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,270	1,270
2013	1,270	1,270	2/	2/	2/	2/	1,272	1,272	1,272	1,272	1,271	1,270	1,271
2014	1,270	1,270	1,270	1,269	1,269	1,270	1,271	1,271	1,272	1,272	1,273	1,274	1,271
2015	1,275	1,275	1,276	1,278	1,280	1,280	1,280	1,280	1,279	1,279	1,280	1,280	1,279
2016	1,280	1,280	1,280	1,279	1,279	1,278	1,278	1,278	1,277	1,277	1,278	1,279	1,279

1/Excludes heifers not yet fresh. 2/ Data not collected due to sequestration.

MILK PRODUCTION PER COW: BY MONTHS, WISCONSIN, 2012-2016

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Pounds												
2012	1,790	1,700	1,835	1,800	1,840	1,780	1,775	1,820	1,730	1,775	1,745	1,850	21,436
2013	1,870	1,705	1/	1/	1/	1/	1,820	1,835	1,745	1,795	1,725	1,805	21,693
2014	1,825	1,665	1,850	1,815	1,885	1,830	1,870	1,865	1,800	1,840	1,770	1,855	21,869
2015	1,890	1,715	1,905	1,875	1,975	1,915	1,960	1,940	1,845	1,905	1,845	1,935	22,697
2016	1,965	1,855	2,000	1,965	2,065	1,985	2,010	1,990	1,910	1,950	1,895	1,970	23,552

1/ Data not collected due to sequestration.

MILK PRODUCTION: BY MONTHS, WISCONSIN, 2012-2016

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Million pounds												
2012	2,264	2,152	2,329	2,286	2,339	2,262	2,256	2,313	2,199	2,256	2,218	2,350	27,224
2013	2,375	2,165	2,400	2,309	2,385	2,302	2,315	2,334	2,220	2,283	2,192	2,292	27,572
2014	2,318	2,115	2,350	2,303	2,392	2,324	2,377	2,370	2,290	2,340	2,253	2,363	27,795
2015	2,410	2,187	2,431	2,396	2,528	2,451	2,509	2,483	2,360	2,436	2,362	2,477	29,030
2016	2,515	2,374	2,560	2,513	2,641	2,537	2,569	2,543	2,439	2,490	2,422	2,520	30,123

AVERAGE HERD SIZE: ALL DAIRY FARMS & DHI FARMS, WISCONSIN, SELECTED YEARS

Year	All herds 1/	DHI herds 2/
	Number	
1970	28.3	37.7
1975	34.2	43.4
1980	40.3	49.0
1985	45.8	50.1
1990	50.9	52.8
1995	53.2	60.2
2000	64.0	78.3
2005	80.8	98.8
2010	99.3	137.4
2015	129.2	180.6
2016	134.3	195.0

1/Prior to 2008, average herd size was calculated as number of milk cows divided by number of operations having at least one milk cow during the year. Starting in 2009, average herd size is calculated as number of milk cows divided by licensed milk cow herds. 2/ Source: AgSource Cooperative Services.

MILK COWS AND PRODUCTION: UNITED STATES, 2012-2016

Year	Milk cows 1/	Milk per cow 2/	Total production 2/
	1,000 head	Pounds	Million pounds
2012	9,237	21,722	200,642
2013	9,224	21,816	201,231
2014	9,257	22,259	206,054
2015	9,314	22,396	208,597
2016	9,328	22,774	212,436

1/Average number of milk cows on farms during year, excluding heifers not yet fresh. 2/Excludes milk sucked by calves.

**MILK PRICES AND MILKFAT CONTENT:
WISCONSIN, 2016**

Month	Milk, all uses	
	Price	Milkfat
	Dollars per cwt.	Percent
January	16.10	3.86
February	16.10	3.85
March	15.80	3.81
April	15.60	3.80
May	14.80	3.76
June	14.90	3.67
July	16.70	3.65
August	18.00	3.62
September	18.00	3.73
October	17.00	3.83
November	18.70	3.88
December	19.70	3.94
Annual	16.80	3.78

**DISPOSITION OF MILK SOLD:
WISCONSIN, SELECTED YEARS**

Year	Grade A	Percent	Grade B	Percent	Total
	Mil. lbs.		Mil. lbs.		Mil. lbs.
1955	4,950	32	10,509	68	15,459
1960	6,334	37	10,576	63	16,910
1965	7,688	42	10,450	58	18,138
1970	9,667	54	8,189	46	17,856
1975	11,652	63	6,703	37	18,355
1980	15,425	71	6,433	29	21,858
1985	18,265	75	5,965	25	24,230
1990	20,512	86	3,338	14	23,850
1995	20,818	92	1,854	8	22,672
2000	21,598	94	1,379	6	22,977
2005	21,709	96	905	4	22,614
2010	25,244	98	515	2	25,759
2015	28,483	99	288	1	28,771
2016	29,564	99	299	1	29,863

**MILK PRICES AND MILKFAT CONTENT:
WISCONSIN, 2012-2016**

Year	Milk, all uses	
	Price	Milkfat
	Dollars per cwt.	Percent
2012	19.40	3.74
2013	20.30	3.79
2014	24.50	3.78
2015	17.80	3.76
2016	16.80	3.78

**MILK COW PRICES RECEIVED BY FARMERS:
WISCONSIN, 2012-2016**

Year	Jan.	April	July	Oct.
	Dollars per head			
2012	1,550	1,560	1,560	1,460
2013	1,480	1/	1/	1,490
2014	1,570	1,900	2,100	2,220
2015	2,160	2,080	2,090	2,050
2016	1,910	1,910	1,820	1,760

1/ Data not collected due to sequestration.

UPPER MIDWEST MARKET ORDER AVERAGE HAULING CHARGES: BY COUNTY, WISCONSIN, MAY 2016

County	Dollars per cwt.	County	Dollars per cwt.	County	Dollars per cwt.
Adams	0.35	Iowa	0.23	Portage	0.19
Ashland	0.70	Iron	(D)	Price	0.28
Barron	0.35	Jackson	0.27	Racine	0.37
Bayfield	0.49	Jefferson	0.31	Richland	0.41
Brown	0.18	Juneau	0.25	Rock	0.26
Buffalo	0.30	Kenosha	0.38	Rusk	0.31
Burnett	0.28	Kewaunee	0.24	Sauk	0.32
Calumet	0.23	La Crosse	0.30	Sawyer	0.28
Chippewa	0.24	Lafayette	0.26	Shawano	0.23
Clark	0.31	Langlade	0.18	Sheboygan	0.18
Columbia	0.30	Lincoln	0.17	St. Croix	0.49
Crawford	0.42	Manitowoc	0.24	Taylor	0.22
Dane	0.23	Marathon	0.14	Trempealeau	0.28
Dodge	0.25	Marinette	0.20	Vernon	0.34
Door	0.30	Marquette	0.30	Walworth	0.31
Douglas	0.43	Milwaukee	(D)	Washburn	0.42
Dunn	0.28	Monroe	0.28	Washington	0.18
Eau Claire	0.80	Oconto	0.23	Waukesha	0.40
Florence	0.25	Oneida	(D)	Waupaca	0.22
Fond du Lac	0.20	Outagamie	0.24	Waushara	0.24
Forest	(D)	Ozaukee	0.16	Winnebago	0.23
Grant	0.27	Pepin	0.20	Wood	0.19
Green	0.26	Pierce	0.27		
Green Lake	0.36	Polk	0.34	Wisconsin	0.27

(D) Not published to avoid disclosing individual operations. Source: Agricultural Marketing Service, FMMO 30

**NUMBERS AND AVERAGE PRODUCTION OF COWS ON DHI TEST,
WISCONSIN AND UNITED STATES, 2015-2016**

Area and kind	Herds		Milk Cows		Production per cow						
	2015	2016	2015	2016	2015 1/			2016 1/			
					Milk	Fat	Protein	Milk	Fat	Protein	
	Number				Pounds						
WISCONSIN											
Official	2,594	2,487	586,857	616,737	26,692	999	825	26,965	1,011	832	
Non-official (management)	1,471	1,417	147,235	144,540	23,053	907	708	23,240	919	716	
Total	4,065	3,904	734,092	761,277	25,962	981	802	26,258	994	810	
UNITED STATES											
Official	13,043	12,470	3,761,029	3,760,843	24,403	917	764	24,651	934	773	
Non-official (management)	4,941	4,869	622,393	622,222	22,220	848	687	22,300	853	689	
Total	17,984	17,339	4,383,422	4,383,065	24,093	907	753	24,317	923	761	

1/ Milk, fat, and protein totals are weighted based on number of milk cows.

DHI PRODUCTION AVERAGES BY BREED: WISCONSIN, 2015-2016

Breeds	2015						2016					
	Herds	Milk	Fat	Test	Protein	Test	Herds	Milk	Fat	Test	Protein	Test
Ayrshire	24	17,551	690	3.93	553	3.15	23	18,014	699	3.88	562	3.12
Brown Swiss	80	20,453	861	4.21	697	3.41	69	20,981	879	4.19	717	3.42
Guernsey	34	17,812	811	4.55	604	3.39	32	17,857	810	4.54	609	3.41
Holstein	2,878	26,207	982	3.75	806	3.08	2,733	26,411	998	3.78	813	3.08
Jersey	163	17,754	889	5.01	651	3.67	165	17,870	885	4.95	656	3.67
Milking Shorthorn	14	14,779	572	3.87	464	3.14	12	13,905	543	3.91	436	3.14
Red and White	6	19,832	775	3.91	611	3.08	7	19,109	741	3.88	595	3.11
All breeds	3,199	25,922	978	3.77	801	3.09	3,041	26,099	992	3.80	807	3.09

**WEIGHTED AVERAGE LEVELS OF
COMPONENTS & SOMATIC CELL COUNT IN MILK
ASSOCIATED WITH THE UPPER MIDWEST MILK
MARKETING ORDER, 2016**

Month	Protein	Other Solids	Solids Not-fat	Somatic Cell Count
		Percent		Average
January	3.18	5.69	8.87	198
February	3.15	5.73	8.88	200
March	3.12	5.75	8.87	197
April	3.11	5.74	8.85	194
May	3.08	5.76	8.84	191
June	3.03	5.77	8.80	208
July	2.98	5.77	8.75	222
August	3.00	5.75	8.75	234
September	3.08	5.77	8.85	224
October	3.16	5.72	8.88	206
November	3.18	5.72	8.90	194
December	3.21	5.72	8.93	193
Average	3.11	5.74	8.85	205

Source: Agricultural Marketing Service, Dairy Division, FMMO 30.

**DHI COMPONENT DATA FOR TOP 10 MILK
PRODUCING COUNTIES, WISCONSIN, 2016**

Counties Ranked by Production	Total Number of Herds Tested	Butterfat Average Percent	Protein Average Percent
Fond du Lac	106	3.64	3.08
Clark	225	3.92	3.09
Dane	149	3.69	3.04
Manitowoc	118	3.64	3.03
Marathon	169	3.92	3.07
Kewaunee	21	3.80	3.07
Brown	62	3.67	3.11
Outagamie	15	3.80	3.11
Dodge	133	3.82	3.06
Grant	149	3.83	3.06

Source: AgSource Cooperative Services

MILK PRODUCTION COSTS AND RETURNS: WISCONSIN AND UNITED STATES, 2015-2016

Item	Wisconsin		United States	
	2015	2016	2015	2016
	Dollars per cwt.			
Gross value of production:				
Milk sold	17.96	16.90	17.02	16.15
Cattle	2.01	1.45	2.00	1.44
Other income 1/	0.75	0.62	0.84	0.69
Total, gross value of production	20.72	18.97	19.86	18.28
Operating costs:				
Feed--				
Purchased feed	6.02	5.90	10.20	10.00
Homegrown harvested feed	7.45	6.26	4.95	4.34
Grazed feed	0.11	0.11	0.11	0.10
Total, feed costs	13.58	12.27	15.26	14.44
Other--				
Veterinary and medicine	1.12	1.15	0.88	0.90
Bedding and litter	0.37	0.38	0.26	0.27
Marketing	0.25	0.25	0.26	0.26
Custom services	0.40	0.41	0.61	0.62
Fuel, lube, and electricity	0.66	0.59	0.53	0.48
Repairs	0.67	0.67	0.62	0.63
Cost for third party organic certification	0.01	0.01	0.00	0.00
Interest on operating capital	0.01	0.04	0.02	0.04
Total, operating cost	17.07	15.77	18.44	17.64
Allocated overhead:				
Hired labor	1.87	1.94	1.69	1.75
Opportunity cost of unpaid labor	3.31	3.37	2.28	2.31
Capital recovery of machinery and equipment 2/	4.73	4.75	3.73	3.75
Opportunity cost of land (rental rate)	0.03	0.03	0.03	0.02
Taxes and insurance	0.29	0.29	0.20	0.21
General farm overhead	0.82	0.82	0.63	0.63
Total, allocated overhead	11.05	11.20	8.56	8.67
Total costs listed	28.12	26.97	27.00	26.31
Value of production less total costs listed	-7.40	-8.00	-7.14	-8.03
Value of production less operating costs	3.65	3.20	1.42	0.64
Supporting information:				
Milk cows (head per farm)	118	118	183	183
Output per cow (pounds)	20,133	20,133	20,724	20,724
Milking frequency more than twice per day (percent of farms)	11.25	11.25	9.73	9.73
Milk cows injected with bST (percent of cows)	22.07	22.07	8.79	8.79
Organic milk sold (percent of sales)	3.84	3.84	2.77	2.77

1/ Income from renting or leasing dairy stock to other operations; renting space to other dairy operations; co-op patronage dividends associated with the dairy; assessment rebates, refunds, and other dairy-related resources; and the fertilizer value of manure production. 2/ Machinery and equipment, housing, manure handling, feed storage structures, and dairy breeding herd. Source: USDA, Economic Research Service.

CHEESE PRODUCTION: WISCONSIN, 2012-2016

Year	Total Cheese 1/	Total American 2/	Hispanic	Muenster	Italian	Mozzarella	Swiss
1,000 pounds							
2012	2,789,965	830,139	65,580	52,956	1,403,409	951,652	(D)
2013	2,855,881	837,517	70,906	52,982	1,422,393	961,016	33,695
2014	2,912,144	848,879	71,790	57,250	1,459,655	990,654	22,741
2015	3,069,641	909,749	77,197	60,935	1,537,095	1,051,136	16,651
2016	3,239,035	954,615	85,400	60,232	1,641,980	1,092,135	18,200

1/ Includes cream cheese and other miscellaneous types of cheese. Does not include cottage cheese. 2/ Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack. (D) Not published to avoid disclosing individual operations.

**PROCESSED CHEESE AND CHEESE FOODS:
WISCONSIN, 2012-2016**

Year	Processed cheese	Processed cheese foods & spreads	Cold pack cheese & cheese food
1,000 pounds			
2012	614,214	298,241	35,666
2013	622,401	295,658	34,443
2014	644,814	311,307	36,224
2015	665,900	264,920	29,135
2016	703,388	184,271	21,867

(D) Not published to avoid disclosing individual operations.

**WHEY PRODUCTS:
WISCONSIN, 2012-2016**

Year	Dry whey		Total lactose	Whey protein concentrate human food
	Human food	Animal		
1,000 pounds solids				
2012	289,694	3,968	189,523	80,139
2013	302,843	3,539	219,496	102,199
2014	280,339	3,211	237,557	115,002
2015	308,582	4,076	221,184	107,410
2016	312,946	4,390	259,477	104,016

(D) Not published to avoid disclosing individual operations.

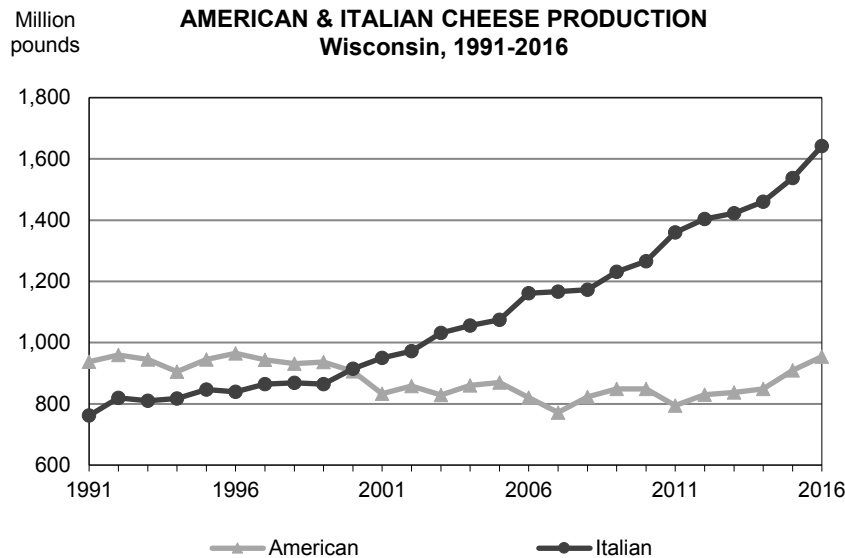
**AMERICAN CHEESE PRODUCTION, BY STYLE:
WISCONSIN, 2016**

Style	Production	Percent of total
1,000 lbs.		
American Cheddar		
40-lb block	259,612	27.2
640-lb block	264,883	27.7
Other types 1/	127,978	13.4
Colby	83,819	8.8
Monterey Jack	218,323	22.9
Total American types	954,615	100.0

1/ Includes Barrels.

**ITALIAN CHEESE PRODUCTION, BY STYLE:
WISCONSIN, 2016**

Style	Production	Percent of total
1,000 lbs.		
Hard		
Asiago	29,269	1.8
Parmesan	171,849	10.5
Provolone	217,264	13.2
Romano	31,579	1.9
Soft		
Mozzarella	1,092,135	66.5
All other	99,884	6.1
All Italian	1,641,980	100.0



**TOTAL CHEESE, EXCLUDING COTTAGE CHEESE:
WISCONSIN, 2016**

Ranges of Annual Production	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	34	6,046
1 to 4.99 million lbs.	21	58,046
5 to 9.99 million lbs.	15	105,416
10 to 24.99 million lbs.	17	267,182
25 million lbs. and over	41	2,802,345
Total	128	3,239,035

CHEDDAR CHEESE: WISCONSIN, 2016

Ranges of Annual Production 1/	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	36	5,608
1 to 9.99 million lbs.	14	29,290
10 million lbs. and over	16	617,575
Total	66	652,473

1/ Plant qualifies for a certain range based only on its Cheddar production.

ITALIAN CHEESE: WISCONSIN, 2016

Ranges of Annual Production 1/	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	21	3,296
1 to 19.99 million lbs.	9	81,170
20 million lbs. and over	28	1,557,514
Total	58	1,641,980

1/ Plant qualifies for a certain range based only on its Italian production.

MOZZARELLA CHEESE: WISCONSIN, 2016

Ranges of Annual Production 1/	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	14	2,971
1 to 19.99 million lbs.	7	56,743
20 million lbs. and over	17	1,032,421
Total	38	1,092,135

1/ Plant qualifies for a certain range based only on its Mozzarella production.

SPECIALTY CHEESE PRODUCTION, WISCONSIN, 2015 AND 2016

Type	2015 No. of Plants	2015 Revised Production	2016 No. of Plants	2016 Production	Change in Production from 2015
	Number	1,000 pounds	Number	1,000 pounds	Percent
Asiago	13	31,873	12	29,269	-8
Cheddar 1/	35	27,582	36	30,424	+10
Colby 1/	10	7,994	10	7,891	-1
Farmers	11	1,482	11	1,008	-32
Feta	10	86,581	9	91,271	+5
Gorgonzola	10	19,200	10	18,385	-4
Gouda	21	11,819	20	12,930	+9
Italian Fontina	9	9,249	10	9,306	+1
Havarti	13	39,112	12	37,883	-3
Hispanic	13	77,197	13	85,400	+11
Limburger	1	481	1	491	+2
Parmesan Wheel	6	57,504	6	61,358	+7
Romano Wheel	6	9,854	6	10,794	+10
All Other 2/	52	341,975	57	377,312	+10
Total 3/	93	721,903	93	773,722	+7

1/ Includes only specialty types of this variety. 2/ Includes: Alpine, American Grana, Auribella, Blue, Brie and Camembart, Butterkase, Edam, Fior di Latte, Fontiago, Fontinella, Gruyere, other specialty Italian, Italicco, Juustoleipa, Kefalograviera Sagana, Kasserli, Kreme Kaese, Mascarpone, Middle Eastern cheeses, specialty Monterey Jack, Morning Sun, specialty Mozzarella, other specialty Parmesan, Pepato, Peperon, specialty Provolone, Raclette, other specialty Romano, Soft-ripened, Swedish style Fontina, specialty Swiss, Tvarog Polish, and Yogurt cheese. 3/ Total cheese plants producing one or more specialty cheeses.

DAIRY PLANTS MAKING SELECTED PRODUCTS: WISCONSIN, SELECTED YEARS 1/

Product	1970	1980	1985	1990	1995	2000	2005	2010	2015	2016
	Number of dairy plants									
Butter	74	35	25	15	14	12	10	(D)	(D)	(D)
Cheese										
American	368	250	198	117	85	71	63	60	64	66
Cheddar	330	209	180	99	79	65	62	59	64	66
Hispanic	(NA)	(NA)	(NA)	(NA)	(NA)	8	20	17	13	13
Italian	66	57	58	51	52	48	53	56	63	58
Mozzarella	(NA)	44	48	43	42	35	40	41	39	38
Muenster	51	43	48	34	31	26	25	26	19	20
Swiss	41	20	22	14	11	10	(D)	(D)	9	8
Total cheese 2/	481	334	284	188	142	125	114	128	127	128
Dry whey, human food	19	14	16	12	11	10	9	9	10	10
Ice cream mix (regular)	41	21	23	17	12	10	12	(D)	14	14
Total manufacturing one or more dairy products	667	425	400	286	230	205	196	210	203	202

1/ Includes only plants actually making specified product, rather than all plants licensed to make specified product. 2/ Excludes cottage and processed cheese. (D) Not published to avoid disclosing individual operations. (NA) Not available.

DAIRY PRODUCT PRICE AVERAGES: BY MONTHS, UNITED STATES, 2012-2016 1/

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
	Dollars per pound											
	BUTTER (GRADE AA, 80% BUTTERFAT, SALTED, FRESH, OR STORAGE)											
2012	1.590	1.471	1.435	1.463	1.366	1.399	1.539	1.686	1.827	1.917	1.841	1.598
2013	1.507	1.544	1.615	1.677	1.648	1.542	1.467	1.419	1.426	1.545	1.521	1.631
2014	1.648	1.832	1.856	1.923	2.048	2.187	2.347	2.521	2.853	2.526	1.989	1.905
2015	1.563	1.682	1.695	1.736	1.873	1.907	1.916	2.044	2.445	2.573	2.800	2.571
2016	2.076	2.135	1.991	2.019	2.058	2.162	2.316	2.225	2.078	1.864	1.909	2.100
	NONFAT DRY MILK, (EXTRA GRADE AND USPH GRADE A, NONFORTIFIED)											
2012	1.394	1.379	1.331	1.251	1.155	1.102	1.174	1.254	1.377	1.464	1.514	1.538
2013	1.560	1.556	1.521	1.531	1.637	1.688	1.727	1.771	1.809	1.837	1.889	1.954
2014	2.034	2.078	2.090	2.019	1.877	1.863	1.862	1.789	1.472	1.490	1.390	1.255
2015	1.020	1.031	1.022	0.968	0.946	0.928	0.837	0.744	0.801	0.895	0.837	0.789
2016	0.778	0.769	0.752	0.731	0.761	0.789	0.836	0.859	0.885	0.922	0.912	0.958
	CHEDDAR CHEESE (NATURAL, UNAGED) 2/											
2012	1.610	1.541	1.525	1.536	1.522	1.585	1.686	1.768	1.865	2.048	2.015	1.793
2013	1.749	1.662	1.647	1.731	1.827	1.781	1.714	1.773	1.796	1.803	1.861	1.876
2014	2.084	2.286	2.269	2.355	2.170	2.036	2.048	2.107	2.347	2.291	2.131	1.736
2015	1.581	1.545	1.575	1.612	1.656	1.722	1.700	1.739	1.715	1.679	1.650	1.572
2016	1.518	1.517	1.516	1.504	1.410	1.448	1.642	1.812	1.751	1.583	1.760	1.799
	DRY WHEY (EXTRA GRADE, EDIBLE, NONHYGROSCOPIC)											
2012	0.688	0.640	0.611	0.592	0.539	0.501	0.502	0.535	0.585	0.621	0.648	0.661
2013	0.650	0.639	0.605	0.574	0.577	0.574	0.580	0.578	0.579	0.573	0.583	0.571
2014	0.603	0.631	0.655	0.677	0.675	0.679	0.689	0.688	0.673	0.653	0.637	0.587
2015	0.588	0.517	0.482	0.461	0.445	0.425	0.394	0.311	0.244	0.231	0.234	0.234
2016	0.235	0.247	0.248	0.247	0.251	0.260	0.274	0.285	0.306	0.330	0.369	0.399

1/ The commodity prices are AMS Dairy Product Price Averages used in the Federal Milk Order Price Formulas for Class II (butterfat), Class III, and Class IV. 2/ Cheddar cheese price is a combination of the 40-lb. cheddar block and 500-lb. cheddar barrel as used in the AMS formulas. Source: Agricultural Marketing Service (AMS).

DAIRY PRODUCTS: PER CAPITA CONSUMPTION, UNITED STATES, SELECTED YEARS

Year	Fluid milk & cream	Butter	Natural cheese	Cottage cheese	Evaporated & condensed milk	Ice cream	Lowfat ice cream	Nonfat dry milk	All dairy products, milk equivalent milkfat basis
	Pounds								
1970	274	5.4	11.4	5.1	12.0	16.7	6.3	5.3	564
1975	261	4.7	14.3	4.6	8.7	17.4	6.2	3.3	539
1980	245	4.5	17.5	4.4	7.0	16.4	5.8	3.0	543
1985	240	4.9	22.5	4.0	7.5	17.0	5.7	2.3	594
1990	233	4.3	24.6	3.3	7.9	14.8	6.3	2.9	568
1995	221	4.6	26.7	2.7	6.5	14.6	6.8	3.4	570
2000	210	4.5	29.5	2.6	5.8	15.6	6.4	2.7	590
2005	204	4.5	31.3	2.6	6.1	14.6	5.8	4.0	603
2010	202	4.9	32.7	2.3	7.2	13.5	6.3	3.2	603
2015	175	5.6	35.1	2.1	7.7	12.6	6.3	3.3	628

Source: USDA, Economic Research Service

SELECTED CHEESE: PER CAPITA CONSUMPTION, UNITED STATES, SELECTED YEARS

Year	Total American	Mozzarella	Other Italian	Total Italian	Swiss	Brick & Muenster	Cream & Neufchatel	Blue	Other misc.	All cheese	Processed cheese 1/
	Pounds										
1970	7.0	1.2	0.9	2.1	0.9	0.3	0.6	0.2	0.4	11.4	5.5
1975	8.2	2.1	1.1	3.2	1.1	0.3	0.7	0.2	0.6	14.3	6.7
1980	9.6	3.0	1.4	4.4	1.3	0.4	1.0	0.2	0.6	17.5	7.1
1985	12.2	4.6	1.8	6.4	1.3	0.4	1.2	0.2	0.9	22.5	7.6
1990	11.1	6.9	2.0	8.9	1.4	0.5	1.7	0.2	0.9	24.6	8.6
1995	11.7	7.9	2.1	10.0	1.1	0.5	2.0	0.2	1.2	26.7	8.7
2000	12.7	9.1	2.4	11.4	1.0	0.3	2.4	(NA)	1.7	29.5	8.1
2005	12.7	9.9	2.7	12.7	1.2	0.3	2.4	(NA)	2.1	31.3	7.6
2010	13.3	10.6	3.0	13.5	1.2	0.4	2.3	0.3	1.7	32.7	6.6
2015	14.0	11.3	3.2	14.5	1.1	0.5	2.5	0.3	2.2	35.1	7.3

(NA) Not available. 1/ Cheese content of processed cheese has been included in all cheese. Source: USDA, Economic Research Service

MEAT: PER CAPITA CONSUMPTION, (BONELESS, TRIMMED EQUIVALENT), UNITED STATES, SELECTED YEARS 1/

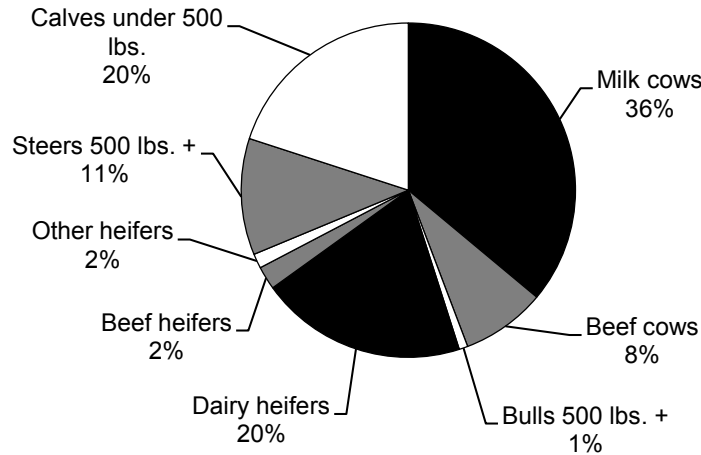
Year	Beef	Veal	Pork	Lamb	Total red	Chicken	Turkey	Fish and shellfish	Total meat, poultry, and fish
	Pounds								
1970	79.6	2.0	48.1	2.1	131.9	27.4	6.4	11.7	177.5
1975	83.2	2.8	38.4	1.3	125.8	26.3	6.5	12.1	170.7
1980	72.1	1.3	52.1	1.0	126.4	32.7	8.1	12.4	179.6
1985	74.6	1.5	47.7	1.1	124.9	36.4	9.1	15.0	185.5
1990	63.9	0.9	46.4	1.0	112.2	42.4	13.8	14.9	183.4
1995	63.5	0.8	48.4	0.9	113.6	48.2	13.9	14.8	190.4
2000	64.5	0.5	47.8	0.8	113.7	54.2	13.7	15.2	196.8
2005	62.5	0.4	46.6	0.8	110.2	60.5	13.2	16.2	200.1
2010	56.7	0.3	44.4	0.7	102.1	58.0	12.6	15.8	188.5
2015	51.4	0.2	46.3	0.7	98.6	62.6	12.6	15.5	189.2

1/ Data may not add due to rounding. Source: USDA, Economic Research Service

CATTLE AND CALVES: NUMBER ON FARMS, WISCONSIN, JANUARY 1, 2013-2017

Year	All cattle and calves	Milk cows	Beef cows	Bulls 500 lbs. +	Replacement heifers 500 lbs. +		Other heifers 500 lbs. +	Steers 500 lbs. +	Calves under 500 lbs.
					Dairy	Beef			
1,000 head									
2013	3,500	1,270	260	30	710	75	55	370	730
2014	3,400	1,270	250	30	680	70	70	380	650
2015	3,500	1,275	275	35	730	75	45	375	690
2016	3,500	1,280	270	30	735	80	45	380	680
2017	3,550	1,280	290	30	710	80	50	400	710

**CATTLE INVENTORY
Wisconsin, January 1, 2017**



CATTLE AND CALVES: INVENTORY, SUPPLY AND DISPOSITION, WISCONSIN, 2012-2016

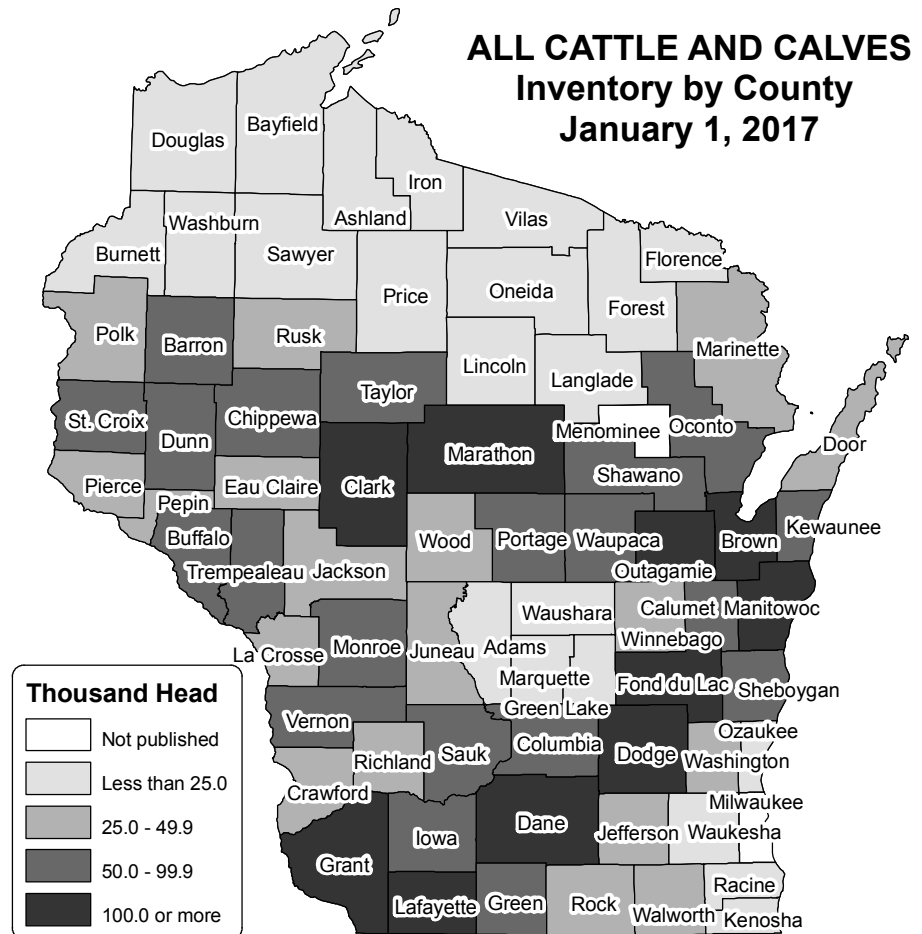
Year	All cattle and calves January 1	Calf crop	Inshipment	Marketings		Farm slaughter	Deaths	
				Cattle	Calves	Cattle and calves	Cattle	Calves
1,000 head								
2012	3,400	1,370	111	759	400	7	70	145
2013	3,500	1,350	115	899	465	6	60	135
2014	3,400	1,400	107	836	370	4	62	135
2015	3,500	1,380	110	890	401	6	63	130
2016	3,500	1,420	143	905	403	5	65	135

CATTLE AND CALVES: PRODUCTION, AVERAGE PRICE, AND INCOME, WISCONSIN, 2012-2016

Year	Production	Marketings	Cash receipts	Value of home consumption	Gross Income
				1,000 dollars	
1,000 pounds					
2012	1,112,991	1,088,800	1,263,448	36,578	1,300,026
2013	1,242,105	1,331,400	1,562,064	38,181	1,600,245
2014	1,271,071	1,235,200	1,854,396	38,003	1,892,399
2015	1,366,367	1,394,950	2,128,331	49,110	2,177,441
2016	1,393,843	1,422,783	1,639,375	35,644	1,675,019

ALL CATTLE AND CALVES: by County, Wisconsin, January 1, 2016-2017 1/

County	2016	2017	County	2016	2017	County	2016	2017
Northwest			East Central			Southeast		
Head			Head			Head		
Barron	61,000	62,000	Brown	125,000	125,000	Kenosha	11,300	11,500
Bayfield	7,600	7,800	Calumet	72,000	73,000	Milwaukee	(D)	(D)
Burnett	11,600	11,800	Door	23,500	25,000	Ozaukee	18,300	19,100
Chippewa	72,000	73,000	Fond Du Lac	125,000	125,000	Racine	9,000	9,200
Douglas	6,800	7,000	Kewaunee	97,000	99,000	Walworth	38,000	38,500
Polk	42,500	43,500	Manitowoc	110,000	115,000	Washington	42,500	43,000
Rusk	29,500	29,500	Outagamie	100,000	100,000	Waukesha	8,500	8,700
Sawyer	6,900	7,100	Sheboygan	70,000	71,000	Other Counties	100	100
Washburn	8,400	8,500	Winnebago	35,500	36,000	Wisconsin	3,500,000	3,550,000
North Central			Southwest			(D) Withheld to avoid disclosure of individual operations. Included in 'other counties.' 1/ Livestock county estimates are being set using raking. This process utilizes county level livestock information from the census of agriculture, administrative data, and current year state-level Agricultural statistics Board (ASB) inventory and production estimates. Full details on this new methodology are available at: www.nass.usda.gov/Data_and_Statistics/County_Data_Files/Livestock_County_Estimates/		
Ashland	7,400	7,600	Crawford	32,500	33,000			
Clark	160,000	160,000	Grant	175,000	175,000			
Iron	1,900	1,900	Iowa	91,000	93,000			
Lincoln	12,100	12,300	Lafayette	110,000	110,000			
Marathon	145,000	145,000	Richland	43,500	44,500			
Oneida	600	600	Sauk	81,000	82,000			
Price	15,100	15,400	Vernon	69,000	70,000			
Taylor	51,000	52,000	South Central					
Vilas	100	100	Columbia	52,000	53,000			
Northeast			Dane	135,000	135,000			
Florence	800	800	Dodge	100,000	105,000			
Forest	2,000	2,100	Green	73,000	75,000			
Langlade	19,900	20,000	Jefferson	40,000	40,500			
Marinette	38,500	39,000	Rock	45,500	46,500			
Menominee	(D)	(D)						
Oconto	54,000	55,000						
Shawano	87,000	88,000						
West Central								
Buffalo	65,000	66,000						
Dunn	63,000	64,000						
Eau Claire	32,000	32,500						
Jackson	44,000	45,000						
La Crosse	26,500	27,000						
Monroe	69,000	70,000						
Pepin	28,000	28,500						
Pierce	47,000	48,000						
St Croix	50,000	51,000						
Trempealeau	60,000	61,000						
Central								
Adams	18,400	18,700						
Green Lake	23,500	24,000						
Juneau	24,500	25,000						
Marquette	14,400	14,700						
Portage	50,000	51,000						
Waupaca	53,000	54,000						
Waushara	13,800	14,000						
Wood	43,000	44,000						



HOGS: NUMBER ON FARMS, WISCONSIN, DECEMBER 1, 2012-2016

Year	All hogs and pigs	Breeding hogs	Market hogs				
			Total	< 50 lbs.	50-119 lbs.	120-179 lbs.	180 lbs. +
			1,000 head				
2012	320	47	273	105	53	65	50
2013	295	40	255	89	53	53	60
2014	310	41	269	102	56	57	54
2015	320	43	277	89	63	65	60
2016	325	45	280	95	62	63	60

HOGS: INVENTORY, SUPPLY AND DISPOSITION, WISCONSIN, 2012-2016

Year	Beginning Inventory	Pig Crop	Inshipment	Marketings	Farm Slaughter	Deaths
			1,000 head			
2012	340	780	78	850	1	27
2013	320	791	93	881	1	27
2014	295	650	155	762	1	27
2015	310	673	150	785	1	27
2016	320	661	195	824	1	26

HOGS: PRODUCTION AND INCOME, WISCONSIN, 2012-2016

Year	Production	Marketings	Value of Production	Cash Receipts	Value of home consumption	Gross Income	All hogs December 1 current year
	1,000 pounds			1,000 dollars			1,000 head
2012	166,642	171,669	122,921	129,176	810	129,986	320
2013	167,000	173,169	128,999	136,894	893	137,787	295
2014	143,496	150,723	122,464	136,313	630	136,943	310
2015	146,130	149,745	96,792	105,978	599	106,577	320
2016	142,452	151,140	85,573	98,765	655	99,420	325

SHEEP AND LAMBS: NUMBER ON FARMS, WISCONSIN, JANUARY 1, 2013-2017

Year	All sheep and lambs	Market	Breeding sheep and lambs		
			One year and over		Replacement lambs
			Ewes	Rams	
			1,000 head		
2013	84	16	53	3.0	12
2014	83	14	52	3.0	14
2015	77	12	50	3.0	12
2016	76	13	49	2.0	12
2017	76	13	48	3.0	12

GOATS: NUMBER ON FARMS, BY CLASS, WISCONSIN, JANUARY 1, 2013-2017

Year	Angora goats	Milk goats	Meat and other goats	Total goats
	Head			
2013	1,000	46,000	17,000	64,000
2014	900	46,000	22,000	68,900
2015	(NA)	44,000	(NA)	(NA)
2016	(NA)	44,000	(NA)	(NA)
2017	(NA)	44,000	(NA)	(NA)

(NA) Not available.

WOOL: PRODUCTION AND VALUE, WISCONSIN, 2012-2016

Year	Number of sheep shorn	Weight per fleece	Total production	Price per pound	Value of production
	1,000 hd.	Pounds	1,000 lbs.	Cents	\$1,000
2012	63	7.0	440	0.75	330
2013	59	6.8	400	0.70	280
2014	50	7.0	350	0.75	263
2015	51	7.2	365	0.75	274
2016	51	6.7	340	0.70	238

COMMERCIAL LIVESTOCK SLAUGHTER: BY MONTHS, WISCONSIN, 2012-2016

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual 1/
BEEF CATTLE 2/													
Number (thousand head)													
2012	136.5	123.5	133.6	113.1	129.1	127.0	126.0	143.0	121.7	150.6	146.3	138.4	1,588.7
2013	143.4	120.1	127.9	141.0	136.4	126.0	133.2	129.6	124.6	139.8	128.8	128.1	1,578.9
2014	126.3	109.6	117.9	122.3	109.8	108.7	118.4	98.6	104.9	105.6	97.6	107.6	1,327.3
2015	103.8	88.8	96.4	96.8	88.5	91.9	94.9	88.2	99.2	99.6	98.6	102.4	1,149.1
2016	100.1	95.7	103.2	92.7	92.4	100.4	94.8	105.3	102.1	108.3	110.8	115.1	1,220.8
Average liveweight (pounds)													
2012	1,321	1,335	1,339	1,325	1,326	1,314	1,303	1,310	1,315	1,321	1,316	1,323	1,320
2013	1,361	1,359	1,367	1,366	1,365	1,376	1,369	1,363	1,361	1,363	1,370	1,379	1,367
2014	1,383	1,384	1,383	1,386	1,381	1,390	1,377	1,378	1,380	1,381	1,385	1,379	1,382
2015	1,388	1,396	1,390	1,387	1,396	1,390	1,382	1,372	1,380	1,385	1,401	1,397	1,389
2016	1,410	1,405	1,404	1,387	1,390	1,388	1,376	1,368	1,373	1,390	1,392	1,398	1,390
Total liveweight (million pounds)													
2012	179.3	164.0	177.9	149.0	170.3	166.1	163.4	186.3	159.2	197.8	191.4	182.2	2,086.8
2013	194.0	162.3	173.9	191.5	185.2	172.5	181.3	175.6	168.6	189.4	175.5	175.7	2,145.6
2014	173.6	150.8	162.1	168.6	150.9	150.1	162.0	135.2	143.9	145.1	134.5	147.6	1,824.4
2015	143.3	123.2	133.1	133.4	122.8	127.0	130.4	120.3	136.0	137.1	137.3	142.2	1,586.0
2016	140.3	133.6	144.1	127.7	127.7	138.6	129.7	143.1	139.3	149.6	153.3	160.0	1,686.9
CALVES 3/ 4/													
Number (thousand head)													
2012	8.9	8.3	8.2	7.8	8.5	7.2	5.6	5.1	5.0	6.5	6.7	6.4	84.2
2013	6.8	5.6	5.9	5.7	6.6	6.0	6.6	6.4	6.1	7.2	6.9	7.5	77.2
2014	7.2	6.2	6.4	6.8	6.0	5.7	6.0	5.4	6.0	6.4	5.3	6.5	73.9
2015	5.6	4.6	5.3	5.3	4.8	5.2	5.6	5.4	5.7	5.2	5.6	5.4	63.9
2016	5.4	4.6	5.8	4.9	4.8	5.6	4.7	4.9	5.3	5.3	5.1	5.2	61.6
Average liveweight (pounds)													
2012	457	446	448	458	453	457	460	463	470	459	459	471	457
2013	463	460	461	457	456	454	451	447	447	449	456	458	455
2014	454	457	461	464	460	466	461	459	459	458	470	472	462
2015	472	463	459	463	483	470	472	474	471	487	489	487	474
2016	474	480	484	487	481	482	469	474	463	459	463	460	473
Total liveweight (million pounds)													
2012	4.0	3.7	3.7	3.6	3.8	3.3	2.6	2.4	2.3	3.0	3.1	3.0	38.4
2013	3.1	2.6	2.7	2.6	3.0	2.7	3.0	2.9	2.7	3.2	3.1	3.4	35.0
2014	3.3	2.8	3.0	3.1	2.8	2.7	2.7	2.5	2.7	2.9	2.5	3.1	34.0
2015	2.7	2.1	2.4	2.5	2.3	2.4	2.6	2.5	2.7	2.5	2.7	2.6	30.2
2016	2.5	2.2	2.8	2.4	2.3	2.7	2.2	2.3	2.5	2.4	2.4	2.4	29.1
HOGS													
Number (thousand head)													
2012	45.3	42.8	44.7	43.6	47.7	48.3	47.7	53.8	44.4	51.5	42.5	38.4	550.7
2013	45.3	40.9	45.1	54.2	58.0	49.3	56.4	57.9	50.7	52.3	46.8	46.2	603.2
2014	49.6	49.3	56.4	55.5	49.5	50.1	53.8	47.8	49.4	53.4	44.3	53.9	613.1
2015	51.2	49.4	56.5	55.4	45.3	44.7	43.8	42.8	44.6	41.0	36.6	37.4	548.7
2016	40.7	39.7	41.3	38.1	41.6	46.1	48.3	59.1	57.9	57.8	57.9	57.6	586.1
Average liveweight (pounds)													
2012	456	455	456	459	466	465	457	453	447	452	449	456	456
2013	449	450	447	449	459	459	448	444	448	449	444	444	449
2014	442	442	442	441	450	460	452	445	456	459	451	453	449
2015	455	452	453	458	459	459	440	429	431	425	428	435	445
2016	441	436	437	447	449	456	457	439	435	437	441	438	442
Total liveweight (million pounds)													
2012	20.6	19.4	20.4	20.0	22.2	22.4	21.7	24.3	19.8	23.2	19.0	17.5	250.4
2013	20.3	18.3	20.1	24.3	26.5	22.6	25.2	25.6	22.7	23.4	20.7	20.5	270.3
2014	21.8	21.8	24.9	24.4	22.3	23.0	24.2	21.3	22.5	24.5	19.9	24.4	275.0
2015	23.3	22.2	25.5	25.3	20.8	20.5	19.2	18.3	19.2	17.4	15.7	16.2	243.6
2016	17.9	17.2	18.0	17.0	18.6	21.0	22.0	25.9	25.1	25.2	25.5	25.2	258.6

1/Months will not necessarily add to total due to rounding. 2/Slaughter cows, steers and heifers combined. 3/Federally inspected slaughter only. 4/Includes slaughter "bobs" and special fed veal calves weighing less than 500 pounds.

MINK: FEMALES BRED, PELTS PRODUCED, AND VALUE, WISCONSIN, 2012-2016

Year	Females bred	Pelts produced	Average price 1/	Value of pelts
	Number		Dollars	Million dollars
2012	242,390	2/	2/	2/
2013	2/	1,129,960	56.30	63.6
2014	276,990	1,268,760	57.70	73.2
2015	268,690	1,316,610	32.00	42.1
2016	254,490	1,196,310	35.00	41.9

1/Average market price, U.S. 2/ Data not collected due to sequestration.

HONEY: PRODUCTION AND VALUE, WISCONSIN, 2012-2016

Year	Colonies of bees	Yield per colony	Honey		
			Production	Price per pound	Value of production
	1,000 colonies	Pounds	1,000 pounds	Cents	1,000 dollars
2012	60	69	4,140	205	8,487
2013	59	60	3,540	238	8,425
2014	53	54	2,862	238	6,812
2015	52	67	3,484	243	8,466
2016	54	62	3,348	244	8,169

TROUT: DISTRIBUTION AND SALES, WISCONSIN, 2015-2016

Item	Unit	2015	2016
Trout 12" or longer			
Number sold	1,000	440	(D)
Pounds sold	1,000	414	(D)
Value of sales	\$1,000	1,399	(D)
Average price per pound	Dollars	3.38	(D)
Trout 6" - 12"			
Number sold	1,000	(D)	65
Pounds sold	1,000	(D)	21
Value of sales	\$1,000	(D)	86
Average price per pound	Dollars	(D)	4.10
Trout 1" - 6"			
Number sold	1,000	(D)	(D)
Pounds sold	1,000	(D)	(D)
Value of sales	\$1,000	(D)	(D)
Average price per thousand fish	Dollars	(D)	(D)
Total sales (excluding eggs)	\$1,000	1,462	1,558
Trout lost to various causes			
Total number	1,000	328	140
Total pounds	1,000	66	40
Distributed for conservation & restoration			
Trout 12" or longer	1,000	10	15
Trout 6" - 12"	1,000	2,510	2,770
Trout 1" - 6"	1,000	(D)	(D)
Total value	\$1,000	2,837	2,699

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

HONEY BEE COLONIES: WISCONSIN, 2016-2017 1/

Period	First of the quarter number of colonies 2/	Maximum colonies 3/	Lost colonies	Percent lost 4/	Added colonies	Renovated colonies 5/	Percent renovated 6/
	Number			Percent	Number		Percent
Jan-Mar 2016	20,000	21,000	3,100	15	530	-	-
Apr-Jun 2016	18,500	78,000	5,500	7	17,500	3,600	5
Jul-Sep 2016	71,000	75,000	12,000	16	880	640	1
Oct-Dec 2016	59,000	59,000	7,500	13	10	20	(Z)
Jan-Mar 2017	17,000	22,000	4,400	20	450	70	(Z)

- Represents zero. (Z) Less than half of the unit shown. 1/ Operations with 5 or more colonies. 2/ Number of colonies in the state as of the first day of the quarter. 3/ Number of colonies in the state on the first day of the quarter plus all colonies moved into state during the quarter. 4/ Percent lost is the number of lost colonies divided by the maximum colonies. 5/ Defined as any surviving colony that was requeened or received new honey bees through nuc or package. 6/ Percent renovated is the number of renovated colonies divided by the maximum colonies.

HONEY BEE COLONY HEALTH: WISCONSIN, 2016-2017 1/

Period	Varroa mites	Other pests and parasites 2/	Disease 3/	Pesticide	Other 4/	Unknown
	Percent					
Jan-Mar 2016	24.2	1.6	1.1	13.4	10.8	10.4
Apr-Jun 2016	23.4	3.7	12.8	12.6	14.9	10.5
Jul-Sep 2016	31.5	13.6	10.8	15.8	5.1	11.1
Oct-Dec 2016	69.3	12.2	10.0	10.6	10.6	46.2
Jan-Mar 2017	19.0	1.9	1.1	2.0	4.0	10.5

1/ Operations with 5 or more colonies, percent of colonies affected by stressor. A colony may be affected by multiple stressors during the quarter. 2/ Tracheal mites, nosema, hive beetle, wax moths, etc. 3/ Includes American and European foulbrood, chalkbrood, stonebrood, paralysis (acute and chronic), kashmir, deformed wing, sacbrood, IAPV, Lake Sinai II, etc. 4/ Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

**CHICKENS: NUMBER ON FARMS,
WISCONSIN, DECEMBER 1, 2012-2016**

Year	Total chickens 1/	Value per head	Total value	Total layers
	Thousands	Dollars	1,000 dollars	Thousands
2012	6,687	3.30	22,067	5,493
2013	6,939	3.30	22,899	5,619
2014	6,969	2.70	18,816	5,586
2015	6,366	2.70	17,188	4,894
2016	6,602	2.40	15,845	5,615

1/Excludes commercial broilers.

**EGGS: PRODUCTION AND VALUE,
WISCONSIN, 2012-2016 1/**

Year	Avg. layers during year	Total eggs produced	Eggs per layer	Price per dozen	Value of production
	1,000 hd.	Million	Number	Cents	1,000 dollars
2012	4,948	1,372	277	88.5	101,214
2013	5,377	1,532	285	90.8	115,879
2014	5,104	1,449	284	107.7	129,992
2015	4,918	1,406	286	160.2	187,719
2016	5,616	1,619	288	58.6	79,083

1/Year is for the period December 1 - November 30.

EGG PRODUCTION: WISCONSIN, 2012-2016

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Million eggs											
2012	116	109	118	109	107	109	118	119	111	114	122	135
2013	132	114	131	122	120	121	126	128	128	138	137	140
2014	131	105	112	118	119	113	119	120	118	124	130	137
2015	132	117	129	119	107	97	106	111	110	121	120	124
2016	131	134	143	132	135	133	131	133	139	143	140	147

LAYERS: AVERAGE NUMBER, WISCONSIN, 2012-2016

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	1,000 head											
2012	4,854	4,924	4,881	4,763	4,849	5,030	4,969	4,946	4,879	5,021	5,386	5,410
2013	5,396	5,359	5,369	5,295	5,129	5,223	5,324	5,378	5,423	5,564	5,650	5,497
2014	5,231	5,048	4,997	5,027	4,957	4,810	4,892	5,028	5,121	5,221	5,415	5,569
2015	5,486	5,326	5,316	5,114	4,499	4,110	4,267	4,559	4,714	5,004	5,055	5,141
2016	5,464	5,604	5,562	5,615	5,796	5,723	5,445	5,617	5,973	5,817	5,638	5,651

**LAYERS: PRODUCTION AND VALUE,
WISCONSIN, 2012-2016 1/**

Year	Number of chickens		Price per pound	Value of sales
	Lost	Sold		
	1,000 head		Cents	1,000 dollars
2012	1,788	1,338	6.0	345
2013	546	2,799	3.1	312
2014	378	3,495	3.9	504
2015	1,653	4,204	3.4	529
2016	1,097	2,772	3.2	337

1/Includes an allowance for roosters. Year is for the period December 1 - November 30.

**BROILERS: PRODUCTION AND GROSS INCOME,
WISCONSIN, 2012-2016 1/**

Year	Production		Price per pound	Value of production
	Number	Quantity		
	1,000 head	1,000 pounds	Cents	1,000 dollars
2012	52,900	222,200	50	111,100
2013	53,100	215,500	61	130,809
2014	53,400	224,300	64	142,879
2015	53,900	226,400	54	121,803
2016	54,100	227,200	48	108,602

1/Year is for the period December 1 - November 30.



National Association of State Departments of Agriculture (NASDA) enumerators collect data for the Wisconsin Field Office of USDA NASS. Some NASDA workers who gathered information for this publication are shown on these two pages.



Back Row:
Carl Peterson, Shirley Conley, Bob Samplawski, John Vanderhoof, Tony Zimmer

Front Row:
Lynda Cain, Luanne Rehse

Not pictured: Kevin Larson, Russell Miller, Jean Schroeder



Back Row:
Mark Solverson, Kermit Traska, Dennis Boland

Front Row:
Rita Montgomery, Janis Yoose

Not pictured: Allen Pease, Morten Reser



Back Row:
Steve Prissel, Judith Hasse, Russ Sternweis, Joe Grabko, John Timura

Front Row:
Linda Overbey, Bonnie Swan

Not pictured:
Dave Gunderson, Jim Jarvis, Terry Johannes, Nancy Lato, Judy Lonning, Allen Stea, Roger Williams



Back row:
Kim Seiler, Larry Bischoff, Jon Kerr, Phyllis Westenberg, Glen Sjoerdsma

Front row:
Mary Bogenschneider, Diane Qualmann, Vicki Coughlin

Not pictured: Dorothy Davidson, Archie Hafer, John Hannes



Back Row:
Ernie Anderson, Marie Graupner, Tasha Schleis, Fred Schmooch

Front Row:
Jim Dean, John Jens

Not pictured: Mike Folkman, Laurie Groskopf, Dennis Hintz, Richard Johnson, Jack Lucas, Ken Matyas



Beth Zondag-Traska, Betty Viney

Not pictured: Linda Netzloff



Marshall Brinkman, Debbie Taylor

2017 Census of Agriculture FAQs

• What is the Census of Agriculture?

The Census of Agriculture is a complete count of U.S. farms and ranches and the people who operate them. Even small plots of land – whether rural or urban – growing fruits, vegetables, or raising food animals count, if \$1,000 or more of such products were raised and sold, or normally would have been sold, during the census year.

The Census of Agriculture, taken only once every five years, looks at land use and ownership, operator characteristics, production practices, income and expenditures. For America's farmers and ranchers, the Census of Agriculture is their voice, their future, their opportunity.

• Why is the Census of Agriculture important?

The Census of Agriculture provides the only source of uniform, comprehensive and impartial agricultural data for every county in the nation. Through the Census of Agriculture, producers can show the nation the value and importance of agriculture, and they can help influence the decisions that will shape the future of American agriculture for years to come. By responding to the Census of Agriculture, producers are helping themselves, their communities, and all of U.S. agriculture.

• Who uses Census of Agriculture data?

Census of Agriculture data are used by all those who serve farmers and rural communities – federal, state and local governments, agribusinesses, trade associations, and many others.

Farmers and ranchers can use Census of Agriculture data to help make informed decisions about the future of their own operations.

Companies and cooperatives use the facts and figures to determine the locations of facilities that will serve agricultural producers.

Community planners and local governments use the information to target needed programs and services to rural residents.

Legislators use the numbers from the census when shaping farm policies and programs.

• How is the Census of Agriculture conducted?

The National Agricultural Statistics Service (NASS) will mail questionnaires for the 2017 Census of Agriculture to farm and ranch operators in December 2017 to collect data for the 2017 calendar year. Completed forms are due by February 5, 2018. The most convenient way to complete the census is online at www.agcensus.usda.gov. Alternately, you can return your forms by mail.

• Must I respond to the Census of Agriculture?

Yes. United States law (Title 7 USC 2204(g) Public Law 105-113) requires all those who receive a Census of Agriculture report form to respond even if they did not operate a farm or ranch in 2017.

• What if I only have a small operation or do not participate in government farm programs, do I have to fill out a Census of Agriculture form?

The Census of Agriculture is the responsibility of every individual who produces or grows any agricultural product, including field crops, fruits, vegetables, floriculture, and livestock, regardless of the size or type of operation. For Census of Agriculture purposes, 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 census year.

• What if I did not receive or I lost my Census of Agriculture form?

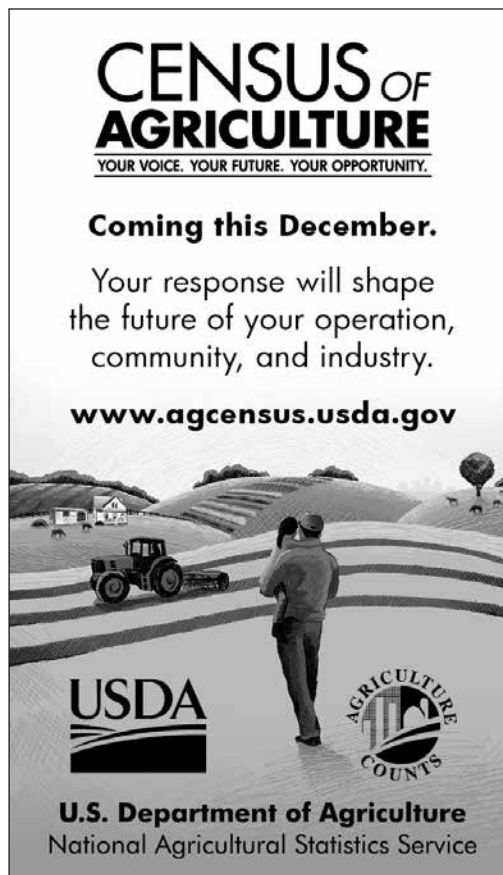
If you have questions, need more information, or need assistance completing your Census of Agriculture form, call toll-free (888) 424-7828 or visit www.agcensus.usda.gov.

• When will 2017 Census of Agriculture results be announced?

NASS plans to release Census of Agriculture data, in both electronic and print formats, beginning in February 2019. Detailed reports will be published for all counties, states and the nation.

• Where can I find Census of Agriculture data?

Census of Agriculture data is available through the local NASS field office in your area and at many depository libraries, universities and other state government offices. It is also available online at www.agcensus.usda.gov. For additional information on the Census of Agriculture and other NASS surveys, call the Agricultural Statistics Hotline at (800) 727-9540.



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www.agcensus.usda.gov

USDA

AGRICULTURE COUNTS

U.S. Department of Agriculture
National Agricultural Statistics Service

WISCONSIN CROPS: Usual Planting and Harvesting Dates

Crops	Usual planting dates		Usual harvesting dates			Principal producing areas	
	Begins	Ends	Begins	Most active	Ends	Districts	Counties
FIELD CROPS							
Corn for grain	April 26	June 4	Oct. 2	Oct. 14 - Nov. 17	Nov. 28	SC	Dane, Rock, Grant
Corn for silage	April 26	June 4	Sept. 8	Sept. 13 - Oct. 13	Oct. 19	EC, SC	Dane, Fond du Lac, Marathon
Soybeans	May 7	June 14	Sept. 29	Oct. 4 - Oct. 29	Nov. 8	SC	Rock, Dane, Dodge
Oats, spring	April 11	May 18	July 22	July 28 - Aug. 24	Aug. 30	WC, EC, SW	Langlade, Grant, Marathon
Barley, spring	April 5	April 30	Aug. 1	Aug. 5 - Aug. 15	Aug. 20	NC, NW	Marathon, Manitowoc, Clark,
Winter wheat	Sept. 30	Oct. 15	July 17	July 21 - Aug. 11	Aug. 19	EC, SC, SE	Manitowoc, Fond du Lac, Dane
Potatoes	Mar. 25	May 5	July 20	Aug. 15 - Oct. 1	Oct. 10	C, NE	Portage, Waushara, Adams
Alfalfa hay			May 20		Oct. 10	SW, WC	Grant, Marathon, Iowa
All other hay			May 27		Sept. 15	NC, NW	Marathon, Clark, Rusk
VEGETABLES							
Carrots for processing	April 25	June 15	Aug. 15	Sept. 1 - Oct. 31	Nov. 15	C, EC	Waushara, Manitowoc, Portage
Snap beans for processing	May 1	July 10	July 10	July 15 - Sept. 15	Sept. 30	C	Portage, Adams, Waushara
Sweet corn for processing	April 1	July 1	Aug. 1	Aug. 15 - Sept. 25	Oct. 15	C, EC	Portage, Waushara, Fond du Lac
Green peas for processing	April 15	June 10	June 20	July 1 - July 20	July 31	EC, C	Fond du Lac, Portage, Green Lake
Cucumbers for pickles	May 1	June 20	July 15	July 25 - Sept. 15	Oct. 15	C	Waupaca, Waushara, Portage

CONVERSION FACTORS

- One quart of milk weighs 2.15 pounds
- One gallon of milk weighs 8.6 pounds
- 46.5 quarts of milk weighs 100 pounds.
- Specific gravity of milk at 60 degrees F is 1.032.

100 pounds of 4% milk will yield approximately:
 10 pounds cheese and 90 pounds whey or
 5 pounds butter and 90 pounds skim milk or
 13 pounds dried whole and 1-1/4 pounds 40% cream

100 pounds skim milk will yield approximately:
 16 pounds cottage cheese and 84 pounds whey or
 3 pounds casein and 94 pounds whey or
 9 pounds nonfat dry milk

100 pounds whey will yield approximately:
 5 pounds lactose and
 1 pound protein and
 1/3 pound milkfat

		Requires:
To make one pound of:		
Butter		21.2 pounds whole milk
Whole milk cheese		10.0 pounds whole milk
Evaporated milk		2.1 pounds whole milk
Condensed milk		2.3 pounds whole milk
Whole powdered milk		7.4 pounds whole milk
Powdered cream		13.5 pounds whole milk
Ice cream (1 gal.)		12.0 pounds whole milk (15 pounds when including butter and concentrated milks)
Cottage cheese		6.25 pounds skim milk
Nonfat dry milk		11.0 pounds skim milk



**Department of Agriculture,
Trade and Consumer Protection**

Wisconsin Agricultural Statistics Service
PO Box 8911
Madison WI 53708-8911

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