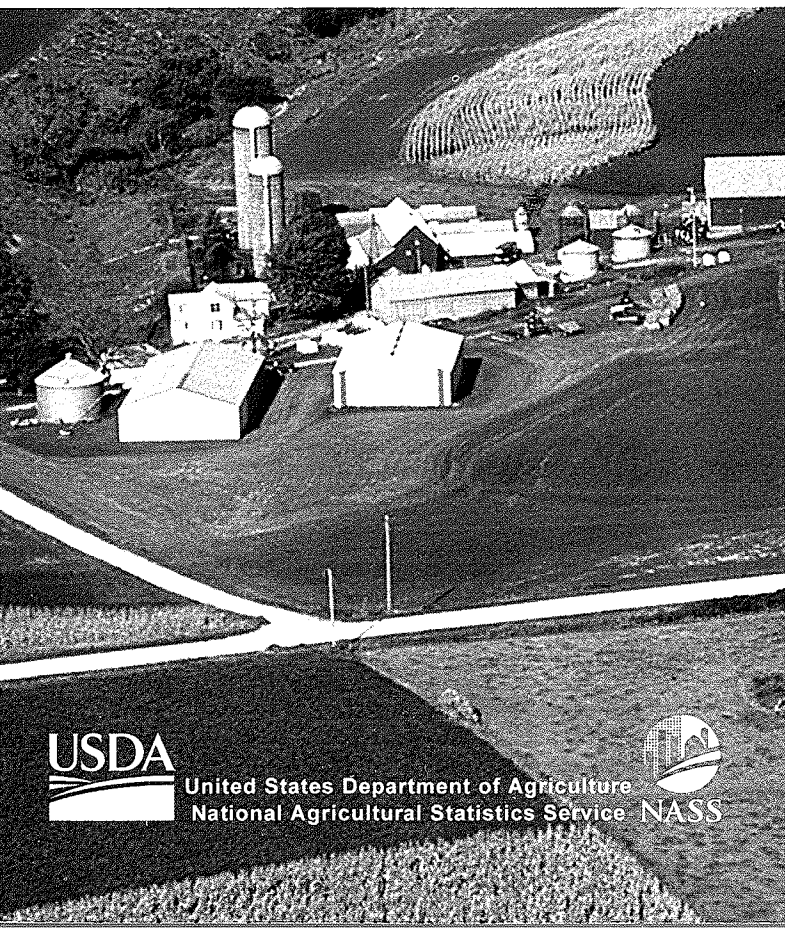
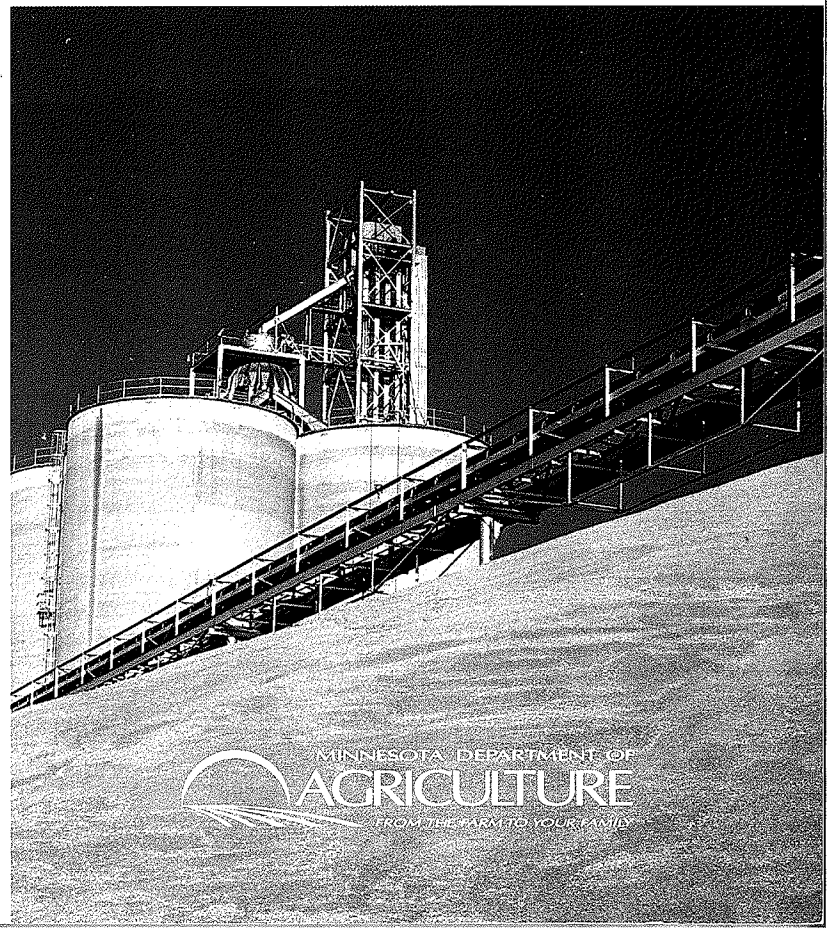




## Minnesota Agricultural Statistics

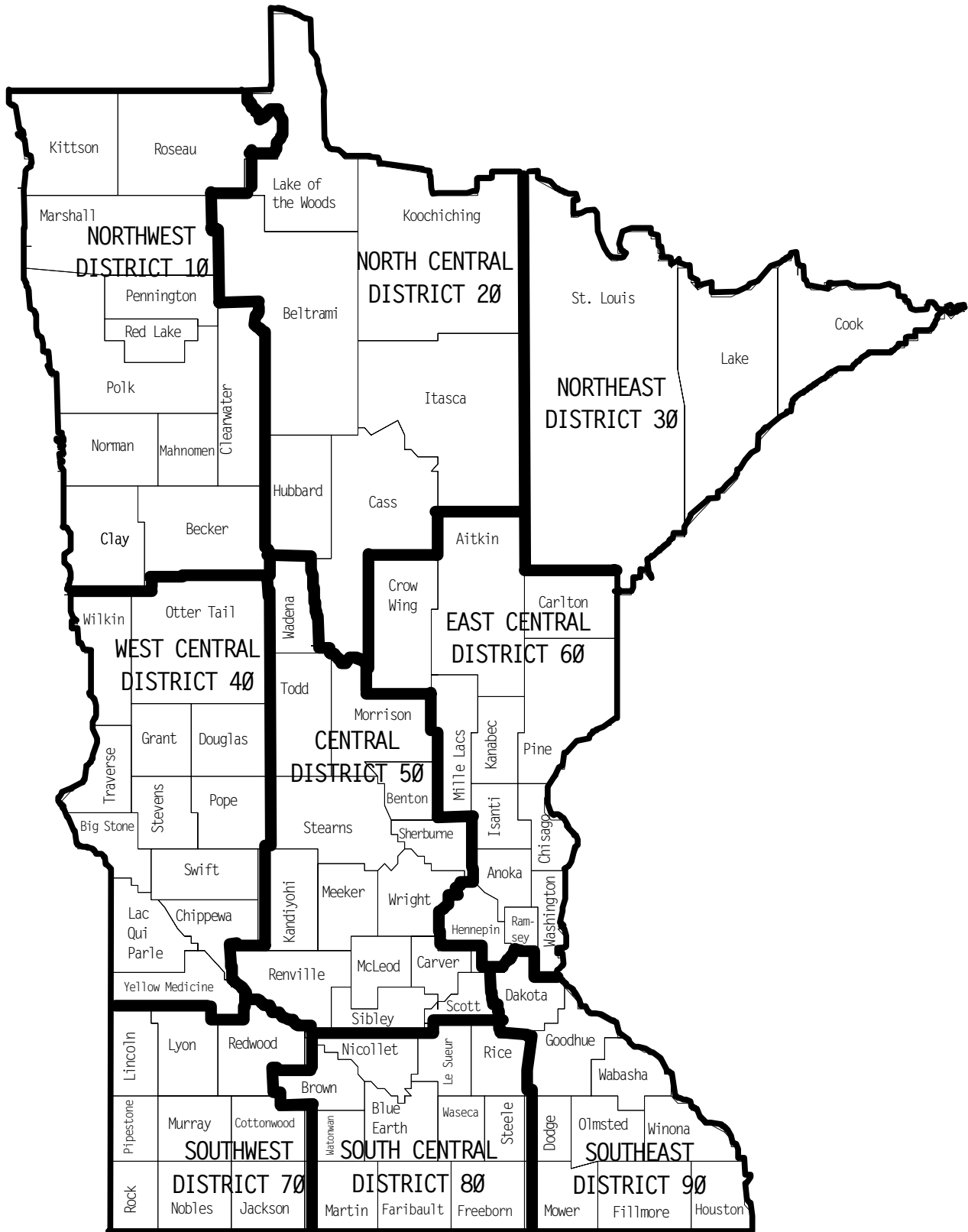


United States Department of Agriculture  
National Agricultural Statistics Service NASS



MINNESOTA DEPARTMENT OF  
**AGRICULTURE**  
FROM THE FARM TO YOUR FAMILY

# MINNESOTA'S AGRICULTURAL STATISTICS DISTRICTS



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# Minnesota Agricultural Statistics 2005

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U.S. Department of Agriculture  
National Agricultural Statistics Service  
Ron Bosecker, Administrator

Minnesota Department of Agriculture  
Gene Hugoson, Commissioner

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## Foreword

Agriculture remains a cornerstone of Minnesota's economy. While challenges continue to test the industry, production agriculture is the economic engine that provides the spark for industries such as manufacturing, transportation and processing. One of every five Minnesota workers has a job directly or indirectly related to agriculture.

As generations of Minnesotans become further removed from direct contact with agriculture, we must continue to remind others that farmers provide us with the safe, healthy food we enjoy, and are responsible for the economic well-being of many Minnesotans.

Accurate and timely information is vital for any industry, especially one as competitive and fast-changing as agriculture. This edition of the annual *Minnesota Agricultural Statistics* provides a wide range of quality information on trends in crops and livestock production, farm income and expenses and weather data on planting and harvesting conditions.

Thank you to the Minnesota farmers and agri-businesses for responding to the surveys by the USDA, National Agricultural Statistics Service, Minnesota Field Office and making this publication possible.

Sincerely,



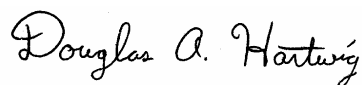
Gene Hugoson, Commissioner  
Minnesota Department of Agriculture



I am proud to present, on behalf of the staff in the Minnesota Field Office of USDA's, National Agricultural Statistics Service, the "Minnesota Agricultural Statistics 2005". We are highlighting from the farm to the consumer on this year's cover. Agriculture is important to everyone and U.S. and Minnesota farmers work hard to ensure that safe and abundant food is available to feed the nation and the world. At USDA, National Agricultural Statistics Service, we count agriculture because "Agriculture Counts".

I want to thank all Minnesota farmers and agribusiness people, County Farm Service Agency and Natural Resources Conservation Service staff and the University of Minnesota Extension Service personnel who voluntarily provide the data presented in this annual bulletin. Their participation in our surveys allows us to produce the accurate facts on Minnesota agriculture. As you are sitting down to a meal don't forget to give thanks for the nation's farmers who are providing food for the nation.

If you would like additional information, e-mail us at [nass-mn@nass.usda.gov](mailto:nass-mn@nass.usda.gov) or call us at 1-800-453-7502. You will also find all of our data on our web site at [www.nass.usda.gov/mn/](http://www.nass.usda.gov/mn/).



Douglas A. Hartwig, Director  
Minnesota Agricultural Statistics

## STATE RANKINGS: Minnesota's Rank Among States 1/

Item	1	2	3	4	5	6	7	8	9	10
<b>Cash Receipts, 2003 2/</b>										
Total	CA	TX	IA	NE	KS	<b>MN</b>	IL	NC	FL	WI
Livestock & Livestock Products	TX	CA	NE	KS	IA	NC	WI	<b>MN</b>	CO	OK
Crops	CA	IA	IL	FL	TX	<b>MN</b>	WA	NE	IN	ND
<b>Crop Production, 2004</b>										
Corn	IA	IL	NE	<b>MN</b>	IN	SD	OH	MO	KS	WI
Soybeans	IL	IA	IN	<b>MN</b>	MO	NE	OH	SD	AR	KS
All Wheat	KS	ND	MT	OK	WA	SD	TX	ID	<b>MN</b>	NE
Spring Wheat	ND	<b>MN</b>	MT	SD	ID	WA	OR	CO	UT	NV
Oats	ND	SD	WI	<b>MN</b>	IA	TX	PA	MI	NE	NY
Barley	ND	ID	MT	WA	CO	<b>MN</b>	WY	OR	AZ	CA
All Sunflowers	ND	SD	KS	CO	<b>MN</b>	TX	NE			
Dry Edible Beans	ND	MI	NE	ID	CA	<b>MN</b>	CO	WA	WY	MT
All Hay	TX	MO	CA	KS	SD	IA	NE	OK	KY	<b>MN</b>
All Potatoes	ID	WA	WI	ND	CO	OR	ME	<b>MN</b>	CA	MI
Sugarbeets	<b>MN</b>	ID	ND	MI	CA	MT	NE	CO	WY	OR
Flaxseed	ND	MT	SD	<b>MN</b>						
Canola	ND	<b>MN</b>								
Sweet Corn for Processing	<b>MN</b>	WA	WI	OR	NY	DE	MD	PA		
Green Peas for Processing	<b>MN</b>	WA	WI	OR	NY	DE				
Cultivated Wild Rice 3/	CA	<b>MN</b>								
<b>Livestock, Dairy, Poultry</b>										
Red Meat Production, 2004	NE	IA	KS	TX	IL	<b>MN</b>	NC	CO	CA	CA
Cattle/Calves, January 1, 2005 4/	TX	KS	NE	CA	OK	MO	SC	SD	IA	WI
Milk Cows, January 1, 2005 5/	CA	WI	NY	PA	<b>MN</b>	ID	NM	TX	MI	OH
Cattle/Calves Marketed, 2004 6/	TX	NE	KS	CO	OK	CA	IA	SD	MO	NM
Cattle/Calves on Feed, Jan 1, 2005 4/	TX	NE	KS	CO	IA	CA	SD	OK	AZ	ID
Hogs & Pigs, December 1, 2004	IA	NC	<b>MN</b>	IL	IN	MO	NE	OK	KS	OH
Pig Crop, 2004	NC	IA	<b>MN</b>	IL	OK	NE	MO	IN	KS	OH
Hogs Marketed, 2004	IA	NC	<b>MN</b>	IL	MO	OK	NE	IN	SD	KS
All Sheep & Lambs, Jan 1, 2005 7/	TX	CA	WY	SD	CO	MT	UT	ID	IA	OR
Lamb Crop, 2004 4/	TX	WY	SD	MT	CA	UT	ID	IA	CO	OR
All Chickens, December 1, 2004	IA	OH	IN	GA	PA	CA	TX	AR	NC	<b>MN</b>
Eggs Produced, Dec 2002-Nov 2004 4/	IA	OH	PA	IN	CA	GA	TX	AR	NE	FL
Turkeys Raised, 2004 8/	<b>MN</b>	NC	AR	MO	VA	CA	IN	PA	SC	IA
Milk Production, 2004	CA	WI	NY	PA	ID	<b>MN</b>	NM	MI	TX	WA
Dairy Products Manufactured, 2004										
Total Cheese	WI	CA	ID	NY	<b>MN</b>	PA	OH	SD	IA	MO
American Cheese	WI	CA	<b>MN</b>	IA	OR	NY	OH	PA		
Ice Cream	CA	IN	TX	IL	PA	<b>MN</b>	NY	FL	OH	MO
Mink Pelts Produced, 2003	WI	UT	OR	<b>MN</b>	ID	IA	WA	SD	OH	IL
Honey Produced, 2004	ND	SD	FL	CA	MT	<b>MN</b>	TX	ID	WI	NE
<b>Agricultural Exports, Fiscal Year 2003 2/</b>	CA	IA	TX	IL	NE	KS	<b>MN</b>	WA	ND	IN

1/ Rankings based on published data.

2/ Source: ERS ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

3/ Source: Minnesota Cultivated Wild Rice Council.

4/ Minnesota ranks 11<sup>th</sup>.5/ NM & TX tied for 7<sup>th</sup>.6/ Minnesota ranks 16<sup>th</sup>.7/ Minnesota ranks 11<sup>th</sup>, tied with NM.8/ PA and SC tied for 8<sup>th</sup>.

**COUNTY RANKINGS: Minnesota's Leading Agricultural Counties**

Item	1	2	3	4	5	6	7	8	9	10
<b>2003 Cash 1/ Farm Receipts</b>										
Total	Stearns	Renville	Martin	Polk	Blue Earth	Kandiyohi	Otter Tail	Redwood	Brown	Nobles
Crops	Polk	Renville	Clay	Marshall	Redwood	Faribault	Martin	Wilkin	Norman	Freeborn
Livestock	Stearns	Martin	Kandiyohi	Blue Earth	Morrison	Otter Tail	Renville	Rock	Nicollet	Brown
Government Payments	Polk	Marshall	Stearns	Renville	Kittson	Norman	Otter Tail	Roseau	Redwood	Martin
<b>2004 Crop Production</b>										
Corn for Grain	Renville	Martin	Redwood	Faribault	Nobles	Blue Earth	Jackson	Freeborn	Mower	Cottonwood
Soybeans	Redwood	Martin	Renville	Blue Earth	Nobles	Faribault	Jackson	Cottonwood	Mower	Lyon
All Wheat	Polk	Marshall	Clay	Norman	Kittson	Wilkin	Becker	Otter Tail	Pennington	Red Lake
Oats	Stearns	Otter Tail	Todd	Fillmore	Wabasha	Morrison	Douglas	Winona	Goodhue	Houston
Barley	Marshall	Polk	Roseau	Pennington	Stearns	Kittson	Norman	Clay	Otter Tail	Grant
Sunflowers	Norman	Wilkin	Marshall	Kittson	Polk	Otter Tail	Clay	Pennington	Red Lake	Roseau
Sugarbeets	Polk	Clay	Wilkin	Norman	Renville	Marshall	Chippewa	Kittson	Kandiyohi	Grant
Canola	Roseau	Marshall	Lake of the Woods	Kittson	Pennington					
Dry Edible Beans	Polk	Otter Tail	Hubbard	Morrison	Renville	Swift	Wadena	Clay	Chippewa	Marshall
All Hay	Stearns	Otter Tail	Winona	Fillmore	Morrison	Todd	Pine	Wabasha	Houston	Goodhue
Potatoes 2/	Sherburne	Morrison	Polk	Todd	Clay	Freeborn				
Green Peas 3/	Renville	Brown	Mower	Olmsted	Redwood	Dakota	Sibley	Steele	Martin	Wabasha
Sweet Corn	Renville	Brown	Olmsted	Mower	Redwood	Sibley	Freeborn	Steele	Waseca	Faribault
<b>Livestock, Dairy &amp; Poultry</b>										
Cattle & Calves, Jan 1, 2005	Stearns	Otter Tail	Morrison	Winona	Fillmore	Goodhue	Todd	Wabasha	Houston	Rock
Beef Cows, Jan 1, 2005 4/	Fillmore	Otter Tail	Morrison	Todd	Cass	Beltrami	Stearns	Pine	Clearwater	Houston
Milk Cows, Jan 1, 2005	Stearns	Morrison	Winona	Otter Tail	Goodhue	Wabasha	Todd	Fillmore	Benton	Carver
Milk Prod., 2004	Stearns	Winona	Morrison	Otter Tail	Goodhue	Wabasha	Todd	Fillmore	Benton	Carver
Breeding Sheep & Lambs, Jan 1, 2005 5/	Lincoln	Murray	Pipestone	Cottonwood	Otter Tail	Lyon	Goodhue	Sibley	Kandiyohi	Winona
Hogs, Dec 1, 2004 6/	Martin	Blue Earth	Nobles	Brown	Nicollet	Mower	Freeborn	Jackson	Rock	Pipestone
Pig Crop, 2004	Martin	Blue Earth	Pipestone	Brown	Renville	Waseca	Freeborn	Nicollet	Stevens	Cottonwood
Cattle & Calves on Feed, Jan 1, 2005 7/	Lyon	Rock	Stearns	Redwood	Nobles	Brown	Cottonwood	Murray	Martin	Dakota

1/ Bureau of Economic Analysis, Department of Commerce

2/ Includes published counties only.

3/ Martin and Wabasha tied for 9<sup>th</sup>.4/ Clearwater and Houston tied for 9<sup>th</sup>.5/ Goodhue and Sibley tied for 7<sup>th</sup>.6/ Brown and Nicollet tied for 4<sup>th</sup>. Pipestone and Watonwan tied for 10<sup>th</sup>.7/ Brown and Cottonwood tied for 6<sup>th</sup>.

**FARM NUMBERS**

The 2004 total numbers of farms in Minnesota was estimated at 79,800, down 200 farms from 2003. The number of farms in the \$1,000-\$9,999 economic sales class decreased 400 to 34,800 in 2004. Those with sales in the \$10,000-\$99,999 economic sales class remained unchanged in 2004, at 25,500 farms.

Farms in the \$100,000-\$249,000 economic sales class decreased 100 farms to 9,900 in 2004. Farms in the \$250,000-\$499,999 and \$500,000 and over sales class increased 200 and 100 respectively in 2004.

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. Government payments are included as sales.

**NUMBER OF FARMS, LAND IN FARMS, AND  
AVERAGE SIZE: Minnesota, 1993-2004 1/**

Year	Number of Farms	Land in Farms	Avg. Size of Farms
	Number	1,000 Acres	Acres
1993	86,000	29,700	345
1994	84,500	29,500	349
1995	83,000	29,400	354
1996	82,000	29,200	356
1997	81,000	29,100	359
1998	80,000	28,600	358
1999	81,000	28,200	348
2000	81,000	27,900	344
2001	81,000	27,800	343
2002	80,900	27,800	344
2003	80,000	27,700	346
2004	79,800	27,600	346

1/ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

**NUMBER OF FARMS: By Economic Sales Class  
Minnesota, 1999-2004**

Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000 & Over	Total
	Number					
1999	30,500	29,500	12,400	5,500	3,100	81,000
2000	32,100	28,400	11,600	5,500	3,400	81,000
2001	33,900	27,100	10,900	5,400	3,700	81,000
2002	35,400	26,200	10,000	5,400	3,900	80,900
2003	35,200	25,500	10,000	5,400	3,900	80,000
2004	34,800	25,500	9,900	5,600	4,000	79,800

**LAND IN FARMS: By Economic Sales Class  
Minnesota, 1999-2004**

Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000 & Over	Total
	1,000 Acres					
1999	3,140	8,000	6,600	5,460	5,000	28,200
2000	3,210	7,500	6,400	5,390	5,400	27,900
2001	3,220	7,200	6,200	5,380	5,800	27,800
2002	3,290	6,830	5,900	5,380	6,400	27,800
2003	3,070	6,850	5,920	5,410	6,450	27,700
2004	3,000	6,600	5,800	5,400	6,800	27,600

## EXPORTS

Minnesota ranked seventh in farm exports for fiscal year 2003. The value of the state's exports came to \$2.64 billion versus \$2.17 billion in 2002. This accounts for 4.7 percent of the U.S. total.

The table below shows the value of farm exports by commodity group. These figures are not actual exports but are derived from Minnesota's contribution to U.S. production and/or sales. They reflect Minnesota's important stake in the national export market.

### AGRICULTURAL EXPORTS: Minnesota, FY 2003

Commodity	Value
	<u>Million Dollars</u>
Feed Grains & Products	711.1
Soybeans & Products	928.7
Wheat & Products	227.1
Live Animals & Meat 1/	250.4
Vegetables & Preparations	192.9
Feeds & Fodders	47.9
Dairy Products	74.4
Hides & Skins	52.1
Poultry & Products	52.1
Sunflower Seed & Oil	4.0
Fats, Oils, Greases	15.5
Seeds	15.7
Other 2/	65.6
<b>Total</b>	<b>2,637.3</b>

### AGRICULTURAL EXPORTS: State Rankings, FY 2003

Rank	State	Value
		<u>Million Dollars</u>
First	CA	8,210.0
Second	IA	3,637.8
Third	TX	3,427.8
Fourth	IL	3,363.5
Fifth	NE	3,041.1
Sixth	KS	2,969.6
<b>Seventh</b>	<b>MN</b>	<b>2,637.3</b>
Eighth	WA	1,912.0
Ninth	ND	1,767.3
Tenth	IN	1,622.3

1/ Excludes Poultry.

2/ Includes minor oilseeds, confectionary, nursery and greenhouse, essential oils, beverages (excluding juice), and other miscellaneous animal and vegetable products.

Note: Totals may not add due to rounding.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C. and USDA, NASS website ([www.usda.gov/nass](http://www.usda.gov/nass)).

### LAND VALUES: Average Per Acre Value of Farmland and Buildings, Minnesota and Selected States, January 1, 2001-2004 1/

State	2001	2002	2003	2004	Change 2003-2004
	<u>Dollars Per Acre</u>				<u>Percent</u>
<b>MN</b>	<b>1,400</b>	<b>1,500</b>	<b>1,600</b>	<b>1,800</b>	<b>12.5</b>
IA	1,850	1,920	2,010	2,200	<b>9.5</b>
ND	410	415	425	455	<b>7.1</b>
SD	405	430	460	500	<b>8.7</b>
WI	1,950	2,150	2,300	2,500	<b>8.7</b>
48 States 2/	1,150	1,210	1,270	1,360	<b>7.1</b>

1/ Value of farmland and buildings in current dollars (not adjusted for inflation).

2/ Excludes Alaska and Hawaii.

## LAND VALUES

Each year, the Minnesota Department of Revenue compiles every farmland sale in the state into a single data set that includes sale price, parcel size, number of tillable acres, and other pertinent items.

Statewide number of sales in 2004 totaled 2,010, a decrease of 6.1 percent from the 2003 sales. The average acreage per sale in 2004 was 112 acres, compared with 109 acres in 2003. Average sale price per acre was \$2,067 in 2004, an increase of \$150 per acre from the 2003 average.

Cropland rented for cash in the state averaged \$83.50 per acre, an increase of \$1.50 from a year ago.

### FARMLAND SALES: Number, Acres, and Price, Minnesota, 2000-2004

Year	Number of Sales	Acres Sold	Price Per Acre		
			Average	Minimum	Maximum
	<u>Number</u>	<u>Acres</u>		<u>Dollars</u>	
2000	2,341	264,576	1,417	100	12,000
2001	2,282	255,222	1,609	102	14,422
2002	2,321	256,276	1,745	104	13,500
2003	2,391	261,490	1,917	142	15,000
2004	2,010	225,662	2,067	126	14,257

### FARMLAND SALES: Number, Acres, and Price, by District, Minnesota, 2004

Reporting District	Number of Sales	Acres Sold	Price Per Acre		
			Average	Minimum	Maximum
	<u>Number</u>	<u>Acres</u>		<u>Dollars</u>	
Northwest	425	71,047	816	126	4,434
North Central	98	8,319	1,209	205	6,299
Northeast	14	1,064	1,309	291	5,650
West Central	315	34,513	1,618	271	8,899
Central	451	41,487	2,650	494	13,979
East Central	150	10,001	2,858	312	14,064
Southwest	158	20,436	1,940	544	6,537
South Central	218	21,815	2,784	611	9,750
Southeast	181	16,980	3,442	1,296	14,257
Minnesota	2,010	225,662	2,067	126	14,257

Source: "Minnesota Agricultural Economist".

Steven J. Taff, Department of Applied Economics, University of Minnesota.

Internet Web Site ([www.apec.umn.edu/faculty/staff/](http://www.apec.umn.edu/faculty/staff/)).

### CROPLAND RENTED FOR CASH: Average Cash Rent Per Acres, Minnesota and Selected States, 2001-2004 1/

State	2001	2002	2003	2004	Change 2003-2004
	----- Dollars Per Acre -----				Percent
<b>MN</b>	<b>80.50</b>	<b>81.00</b>	<b>82.00</b>	<b>83.50</b>	<b>1.8</b>
IA	117.00	120.00	122.00	126.00	3.3
ND	36.00	36.50	36.50	37.50	2.7
SD	40.00	42.00	45.00	47.50	5.6
WI	66.00	67.00	68.00	70.00	2.9
48 States 2/	71.00	71.60	73.00	76.50	4.8

1/ Cash rent is in normal dollars (not adjusted for inflation).

2/ Excludes Alaska and Hawaii.

**CORN AND SOYBEANS: Production Costs and Returns,  
Heartland Region, 2002-2003 1/**

Item	Corn		Soybeans	
	2002	2003	2002	2003
	<u>Dollars Per Planted Acre</u>		<u>Dollars Per Planted Acre</u>	
<b>Gross value of production</b> (excluding direct Government payments)				
Total gross value of production	327.93	331.06	225.59	237.02
<b>Operating costs</b>				
Seed	31.60	34.89	25.72	27.78
Fertilizer, lime, and gypsum	37.24	45.00	6.47	6.87
Soil conditioners	0.09	0.09	0.09	0.09
Manure	1.37	1.60	0.41	0.48
Chemicals	26.22	26.50	17.29	17.40
Custom operations 2/	9.69	10.09	5.35	5.48
Fuel, lube, and electricity	15.28	18.81	5.72	7.16
Repairs	12.35	12.63	8.62	8.73
Interest on operating capital	1.13	0.79	0.59	1.39
Total operating costs	134.97	150.40	70.26	75.38
<b>Allocated overhead</b>				
Hired labor	2.19	2.30	1.19	1.24
Opportunity cost of unpaid labor	23.03	23.79	14.57	15.09
Capital recovery of machinery and equipment	51.87	53.06	40.22	40.68
Opportunity cost of land (rental rate)	98.83	100.28	94.12	95.93
Taxes and insurance	5.07	5.19	5.75	5.89
General farm overhead	10.69	10.93	11.81	12.10
Total allocated overhead	191.68	195.55	167.66	170.93
Total costs listed	326.65	345.95	237.92	246.31
<b>Value of production less total costs listed</b>	1.28	-14.89	-12.33	-9.29
<b>Value of production less operating costs</b>	192.96	180.66	155.33	161.64
<b>Supporting information</b>				
Yield (bu./planted acre)	142	157	43	36
Price (dollars per bushel at harvest)	2.30	2.10	5.19	6.57
Enterprise size (planted acres) 3/	270	270	280	280
<b>Production practices 3/</b>				
Irrigated (percent)	5	5	5	5
Dryland (percent)	95	95	95	95

1/ The Heartland Region includes portions of South Dakota, Nebraska, Iowa, Missouri, Illinois, Indiana, Ohio, and Minnesota's Ag. Statistics Districts 4, 7, 8, and 9. Minnesota is also part of the Northern Crescent and Northern Great Plains Regions. Information is available about the Northern Crescent and Northern Great Plains Regions on the ERS websites listed below.

2/ Cost of custom operations, technical services, and commercial drying.

3/ Developed from survey base year 2001 for corn. Developed from base year 1997 for soybeans.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.  
Internet Web Site ([www.ers.usda.gov/data](http://www.ers.usda.gov/data))

**WHEAT: Production Costs and Returns, Northern Plains Region, 1996-2003 1/ 2/**

Item	1996	1997	1998	1999	2000	2001	2002	2003
	<u>Dollars per Planted Acre</u>							
<b>Gross value of production</b> (excluding direct Government payments)								
Wheat	143.56	93.61	100.1	85.49	83.98	77.94	80.59	121.34
Wheat straw	0.60	0.74	1.74	1.42	1.67	1.85	2.39	2.08
Total, gross value of production	144.16	94.35	101.84	86.91	85.65	79.79	82.98	123.42
<b>Cash expenses</b>								
Seed	8.93	7.64	7.64	6.36	6.19	6.34	6.33	7.90
Fertilizer, lime, and gypsum	15.63	14.85	14.78	13.46	13.91	19.66	14.40	19.79
Chemicals	8.27	8.33	10.61	10.28	10.15	10.14	10.09	10.05
Custom operations	2.72	2.64	4.04	3.82	4.00	3.77	3.13	4.69
Fuel, lube, and electricity	7.12	6.74	4.25	4.16	6.06	6.03	5.22	7.02
Repairs	14.09	12.77	8.10	8.85	9.85	9.66	9.57	10.38
Hired Labor	2.39	2.52	1.45	1.48	1.60	1.67	1.70	1.80
Other variable cash expenses 3/	0.03	0.03	0.16	0.16	0.16	0.17	0.17	0.18
Total, variable cash expenses	59.18	55.52	51.03	48.57	51.92	57.44	50.61	61.81
General farm overhead	4.54	5.35	6.32	6.42	6.49	6.76	6.97	7.14
Taxes and insurance	8.67	9.61	3.76	3.81	3.85	3.95	3.99	4.06
Interest	9.39	9.47	1.19	1.11	1.45	0.94	0.41	0.32
Total, fixed cash expenses	22.60	24.43	11.27	11.34	11.79	11.65	11.37	11.52
Total, cash expenses	81.78	79.95	62.04	59.91	63.71	69.09	61.98	73.33
<b>Gross value of production less cash expenses listed</b>	62.38	14.40	39.80	27.00	21.94	10.70	21.00	50.09
<b>Harvest-period price (dollars/bu.)</b>	4.86	3.81	2.91	2.68	2.50	2.66	3.55	3.21
<b>Yield (bu./planted acre)</b>	29.54	24.57	34.40	31.90	33.60	29.30	22.70	37.80

1/ Data for 1996-1997 refer to the Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

2/ Data for 1998 and later refer to the Northern Great Plains Region which includes North Dakota, South Dakota, and parts of Montana, Wyoming, Nebraska and Minnesota.

3/ Cost of purchased irrigation water and baling.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))**BARLEY: Production Costs and Returns, Northern Plains Region, 1996-2003 1/ 2/**

Item	1996	1997	1998	1999	2000	2001	2002	2003
	<u>Dollars per Planted Acre</u>							
<b>Gross value of production</b> (excluding direct Government payments)								
Barley	139.00	91.83	79.90	73.27	68.82	75.98	69.85	154.11
Barley straw	1.89	2.67	2.07	1.79	2.02	2.07	2.33	4.13
Total, gross value of production	140.89	94.50	81.97	75.06	70.84	78.05	72.18	158.24
<b>Cash expenses</b>								
Seed	7.63	6.77	6.30	5.73	5.84	5.84	5.81	8.21
Fertilizer, lime, and gypsum	17.11	16.68	14.49	13.52	13.80	18.15	14.16	16.43
Chemicals	7.86	7.97	8.11	8.14	7.77	7.93	7.88	12.16
Custom operations	3.41	3.39	3.49	3.68	3.64	3.77	3.72	6.13
Fuel, lube, and electricity	8.85	8.59	7.55	7.72	10.28	8.92	8.30	7.76
Repairs	15.21	13.87	14.08	14.25	14.91	15.02	14.58	14.24
Hired labor	3.98	4.40	4.50	4.65	4.88	5.23	5.18	1.97
Other variable cash expenses 3/	0.98	1.04	1.06	1.32	1.14	1.32	1.19	0.69
Total, variable cash expenses	65.03	62.71	59.58	59.01	62.26	66.18	60.82	67.59
General farm overhead	7.28	7.58	6.07	5.77	5.82	6.01	6.15	8.10
Taxes and insurance	12.86	12.13	11.14	10.39	10.70	10.70	10.89	6.77
Interest 4/	13.70	12.20	11.33	11.40	11.40	12.15	10.84	0.35
Total, fixed cash expenses	33.84	31.91	28.54	27.56	27.92	28.86	27.88	15.22
Total, cash expenses	98.87	94.62	88.12	86.57	90.18	95.04	88.70	82.81
<b>Gross value of production less cash expenses listed</b>	42.02	-0.12	-6.15	-11.51	-19.34	-16.99	-16.52	75.43
<b>Harvest-period price (dollars/bu.)</b>	2.82	2.11	1.69	1.73	1.59	1.83	2.14	2.82
<b>Yield (bu./planted acre)</b>	49.29	43.52	47.28	42.35	43.28	41.52	32.64	54.65

1/ Data for 1996-2002 refer to the Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

2/ Data for 2003 refer to the Northern Great Plains Region which includes North Dakota, portions of Nebraska, Colorado, Wyoming, South Dakota, Montana, and Minnesota Ag. Statistics District 10.

3/ Cost of purchased irrigation water and baling.

4/ Data for 2003 includes interest on operating inputs only.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**OATS: Production Costs and Returns, North Central Region, 1996-2003 1/**

Item	1996	1997	1998	1999	2000	2001	2002	2003
	Dollars per Planted Acre							
<b>Gross value of production</b> (excluding direct Government payments)								
Oats	119.06	104.46	64.03	68.26	69.90	85.42	103.02	119.02
Oats straw	44.21	49.88	44.21	45.34	46.48	48.18	48.77	49.35
Total, gross value of production	163.27	154.34	108.24	113.60	116.38	133.60	151.79	168.37
<b>Cash expenses</b>								
Seed	9.67	10.10	9.72	9.02	8.30	8.23	8.11	10.53
Fertilizer, lime, and gypsum	20.12	20.09	19.10	17.90	18.24	21.16	18.39	20.14
Chemicals	1.26	1.27	1.27	1.26	1.25	1.27	1.28	1.29
Custom operations 2/	5.75	5.71	5.73	5.75	5.76	5.82	5.78	5.80
Fuel, lube, and electricity	4.19	4.33	3.54	3.72	5.52	5.19	4.53	6.28
Repairs	6.50	7.63	7.10	6.70	6.57	6.69	6.77	6.80
Hired Labor	1.73	1.81	1.91	2.00	2.18	2.17	2.31	2.57
Other variable cash expenses 3/	1.63	1.84	1.63	1.67	1.71	1.78	1.80	1.82
Total, variable cash expenses	50.85	52.78	50.00	48.02	49.53	52.31	48.97	55.23
General farm overhead	4.52	5.31	5.01	5.08	5.21	5.38	5.50	5.63
Taxes and insurance	20.15	20.15	19.58	20.15	21.16	21.54	21.32	21.76
Interest	6.14	6.17	6.50	6.13	6.48	6.60	6.02	6.02
Total, fixed cash expenses	30.81	31.63	31.09	31.36	32.85	33.52	32.84	33.41
Total, cash expenses	81.66	84.41	81.09	79.38	82.38	85.83	81.81	88.64
<b>Gross value of production less cash expenses listed</b>	81.61	69.93	27.15	34.22	34.00	47.77	69.98	79.73
<b>Harvest-period price (dollars/bu.)</b>	2.02	1.62	1.09	1.10	1.02	1.32	1.67	1.67
<b>Yield (bu./planted acre)</b>	58.94	64.48	58.74	62.05	68.53	64.71	61.69	71.27

1/ The North Central Region includes Minnesota, Iowa, Wisconsin, Illinois, Michigan, and Ohio.

2/ Cost of custom operations and technical services.

3/ Cost of baling.

Note: Survey base changed in 1994.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))**SUGARBEETS: Production Costs and Returns, Red River Valley, 1996-2003 1/**

Item	1996	1997	1998	1999	2000	2001	2002	2003
	Dollars per Planted Acre							
<b>Gross value of production</b>								
Beets - gross value of production	851.03	697.50	733.42	739.11	723.06	752.49	721.69	791.90
<b>Cash expenses</b>								
Seed	42.91	44.81	46.39	45.55	44.89	45.01	48.02	47.12
Fertilizer	41.68	39.86	35.68	33.83	28.74	37.21	29.79	36.96
Chemicals	71.12	71.13	71.43	70.62	109.03	109.80	109.72	109.60
Custom operations	23.93	23.30	25.78	24.79	23.49	23.02	23.53	24.81
Fuel, lube, and electricity	21.87	20.73	18.43	19.18	24.86	24.55	23.07	24.40
Repairs	29.37	31.53	33.53	34.38	32.52	34.59	37.00	38.59
Hired labor	77.02	83.06	86.06	84.88	51.76	55.21	55.95	58.44
Purchased irrigation water	0.04	0.05	0.05	0.04	0.06	0.06	0.06	0.06
Freight and dirt hauling charges	11.93	11.81	11.25	10.85	13.62	13.91	13.88	15.08
Miscellaneous 2/	16.54	16.94	15.71	15.77	13.30	13.75	13.65	14.39
Hauling allowance (-)	-11.39	-11.36	-10.75	-10.36	-10.34	-10.44	-10.45	-10.45
Total, variable cash expenses	325.02	331.86	333.56	329.53	331.93	346.67	344.22	359.00
General farm overhead	20.75	30.90	28.98	29.48	27.55	28.30	28.92	29.58
Taxes and insurance	33.23	39.24	40.39	40.76	14.57	12.59	12.84	13.13
Interest	32.88	41.99	48.63	49.59	8.38	4.96	2.44	1.59
Total, fixed cash expenses	86.86	112.13	118.00	119.83	50.50	45.85	44.20	44.30
Total, cash expenses	411.88	443.99	451.56	449.36	382.43	392.52	388.42	403.30
<b>Gross value of production less cash expenses listed</b>	439.15	253.51	281.86	289.75	340.63	366.97	333.27	388.60
<b>Season-average price (dollars/ton)</b>	46.76	38.43	35.21	37.16	35.10	42.27	39.01	39.01
<b>Yield (net tons/planted acre)</b>	18.20	18.15	20.83	19.89	20.60	17.80	18.50	20.30

1/ The Red River Valley includes Minnesota and eastern North Dakota.

2/ Includes costs deducted by the processor from the net payment and noncash benefits.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**HOG PRODUCTION: Farrow-to-Finish, Farrow-to-Feeder,  
Feeder Pig-to-Finish, Costs and Returns, Heartland Region, 2003 1/**

Item	All Hog Producers	Farrow to Finish	Farrow to Feeder 2/	Feeder Pig to Finish
<u>Dollars per Cwt Gain 3/</u>				
<b>Gross value of production</b>				
Market hogs	36.29	35.62	1.78	43.59
Feeder pigs	10.16	0.72	102.91	0.15
Cull stock	0.99	1.74	2.53	0.01
Breeding stock	0.44	0.15	0.17	0.01
Inventory change	0.00	0.06	-4.57	1.04
Other income 4/	1.72	1.63	1.39	1.87
Total gross value of production	49.60	39.92	104.21	46.67
<b>Operating costs</b>				
Feed				
Grain	7.65	9.77	1.96	6.10
Protein sources	6.64	9.40	0.92	4.11
Complete mixes	8.27	4.96	26.98	9.46
Other feed items 5/	0.22	0.37	0.24	0.08
Total feed costs	22.78	24.50	30.10	19.75
Other				
Feeder pigs	12.61	0.07	0.59	27.28
Veterinary and medicine	1.21	1.66	2.77	0.55
Bedding and litter	0.04	0.04	0.06	0.02
Marketing	0.66	0.35	3.83	0.57
Custom services	0.33	0.28	0.29	0.41
Fuel, lube, and electricity	1.58	1.69	4.08	1.00
Repairs	0.91	1.28	1.15	0.42
Other operating costs 6/	0.04	0.03	0.04	0.03
Interest on operating capital	0.21	0.16	0.23	0.26
Total operating costs	40.37	30.06	43.14	50.29
<b>Allocated overhead</b>				
Hired labor	2.80	3.18	14.06	0.49
Opportunity cost of unpaid labor	5.72	7.44	7.59	3.35
Capital recovery of machinery and equipment	10.99	11.82	28.04	6.88
Opportunity cost of land (rental rate)	0.05	0.06	0.07	0.02
Taxes and insurance	0.49	0.54	0.94	0.37
General farm overhead	1.05	1.16	1.61	0.80
Total, allocated overhead	21.10	24.20	52.31	11.91
Total costs listed	61.47	54.26	95.45	62.20
<b>Value of production less total costs listed</b>	-11.87	-14.34	8.76	-15.53
<b>Value of production less operating costs</b>	9.23	9.86	61.07	-3.62
<b>Supporting information</b>				
Production arrangement (percent of production)				
Independent	70	99	22	47
Under contract	30	1	78	53
Size of operation (head sold/removed)				
Market hogs	1,924	1,712	76	2,770
Feeder pigs	1,112	56	10,125	13

1/ The Heartland Region includes portions of South Dakota, Nebraska, Iowa, Missouri, Illinois, Indiana, Ohio, and Minnesota's Ag. Statistics Districts 4, 7, 8, and 9. Minnesota is also part of the Northern Crescent and Northern Great Plains Regions. Information is available about the Northern Crescent and Northern Great Plains Regions on the ERS website. Developed from survey base year, 1998.

2/ Farrow to Feeder data are for the United States (Heartland Region data are not available).

3/ Cwt gain = (cwt sold - cwt purchased) ÷ cwt inventory change.

4/ Value of manure production.

5/ Milk replacer, milk, milk by-products, antibiotics, and other medicated additives.

6/ Costs for odor control, fees, permits, licenses, and other regulatory costs.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.  
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**COW-CALF: Production Costs and Returns, Heartland Region, 2002-2003 1/**

Item	2002	2003
	Dollars per Bred Cow	
<b>Gross value of production</b>		
Steer calves	171.63	187.53
Heifer calves	115.41	126.15
Yearling steers	34.99	40.79
Yearling heifers	10.80	12.55
Other cattle	64.53	75.11
Total gross value of production	401.63	446.51
<b>Operating costs</b>		
Purchased cattle for backgrounding	23.32	26.60
Feed		
Concentrates and other feed	26.80	26.86
Supplemental feed	39.80	41.96
Harvested forages	200.89	189.51
Cropland pasture	13.21	13.36
Private pasture	74.48	76.01
Public land	0.36	0.35
Total feed costs	355.54	348.05
Other		
Veterinary and medicine	38.48	39.47
Bedding and litter	1.34	1.37
Marketing	4.27	4.38
Custom operations	40.18	41.12
Fuel, lube, and electricity	16.16	16.16
Repairs	29.24	29.96
Interest on operating inputs	4.40	2.76
Total operating costs	512.93	509.87
<b>Allocated overhead</b>		
Hired labor	0.61	0.64
Opportunity cost of unpaid labor	219.85	230.47
Capital recovery cost of machinery and equipment	280.58	281.21
Opportunity cost of land	5.55	5.72
Taxes and insurance	44.22	44.94
General farm overhead	84.08	85.88
Total allocated overhead	634.89	648.86
Total cost listed	1,147.82	1,158.73
<b>Value of production less total costs listed</b>	-746.19	-712.22
<b>Value of production less operating costs</b>	-111.30	-63.36

1/ The Heartland Region includes portions of South Dakota, Nebraska, Iowa, Missouri, Illinois, Indiana, Ohio, and Minnesota's Ag. Statistics Districts 4, 7, 8, and 9. Minnesota is also part of the Northern Crescent and Northern Great Plains Regions. Information is available about the Northern Crescent and Northern Great Plains Regions on the ERS website listed below.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.  
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))



**MILK: Production Costs and Returns, per cwt sold, 2002-2003**

Item	Heartland 1/		Northern Crescent 2/	
	2002	2003	2002	2003
	<u>Dollars per Cwt.</u>			
<b>Gross value of production</b>				
Milk	12.33	12.93	12.91	13.41
Cattle	1.41	1.65	1.14	1.28
Other income 3/	0.82	0.97	0.66	0.75
Total gross value of production	14.56	15.55	14.71	15.44
<b>Operating costs</b>				
Feed				
Feed grains	2.24	2.35	1.45	1.49
Hay and straw	2.77	2.54	1.31	1.35
Complete feed mixes	0.90	0.96	1.16	1.25
Liquid whey and milk replacer	0.10	0.11	0.09	0.10
Silage	0.76	0.77	0.95	0.91
Grazed pasture and cropland	0.13	0.13	0.07	0.07
Other feed item 4/	1.64	1.59	1.23	1.29
Total feed costs	8.54	8.45	6.26	6.46
Other				
Veterinary and medicine	0.76	0.78	0.78	0.81
Bedding and litter	0.22	0.23	0.23	0.24
Marketing	0.22	0.22	0.31	0.32
Custom service	0.53	0.54	0.48	0.49
Fuel, lube, and electricity	0.49	0.56	0.51	0.58
Repairs	0.60	0.60	0.62	0.64
Other operating costs 5/	0.00	0.00	0.00	0.00
Interest on operating capital	0.10	0.06	0.08	0.05
Total operating costs	11.46	11.44	9.27	9.59
<b>Allocated overhead</b>				
Hired labor	0.81	0.85	1.28	1.38
Opportunity cost of unpaid labor	5.79	5.90	5.27	5.29
Capital recovery of machinery and equipment 6/	4.75	4.71	4.25	4.29
Opportunity cost of land (rental rate)	0.09	0.09	0.08	0.08
Taxes and insurance	0.20	0.20	0.22	0.23
General farm overhead	0.60	0.61	0.64	0.66
Total allocated overhead	12.24	12.36	11.74	11.93
Total cost listed	23.70	23.80	21.01	21.52
<b>Value of production less total costs listed</b>	-9.14	-8.25	-6.30	-6.08
<b>Value of production less operating costs</b>	3.10	4.11	5.44	5.85
<b>Supporting Information</b>				
Milk cows (head per farm)	60	61	69	70
Output per cow (pounds)	18,533	18,564	19,829	19,852
Milking frequency greater than twice per day (percent of farms)	1.82	1.95	3.09	3.13
Homegrown feed cost (percent of total feed cost)	59	59	49	0.08
Milk cows injected with BST (head per farm)	10	11	14	0.23

1/ The Heartland Region includes MN Agricultural Statistics Districts (ASD) 4, 7, 8, and 9, SD ASD 6 and 9, NE ASD 3 and 6, IA, MO ASD 1, 2, 3, 4, 5, and 9, IL, IN, KY ASD 1 and 2, and Ohio ASD 1, 4, 5, 7 and 8. The first data available for the Heartland Region is 2000.

2/ The Northern Crescent Region includes New England, New York ASD 1, 2, 3, 5, 6, 8 and 9, Ohio ASD 2 and 3, MI, WI and MN ASD 2, 3, 5 and 6. The first data available for the Northern Crescent Region is 2000.

3/ 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 manure production.

4/ Cotton seed meal, protein supplements, protein by products, vitamin or mineral supplements, nonprotein byproducts, alfalfa cubes or pellets, green chop, corn stalks, and antibiotics and other medicated additives.

5/ Manure disposal fees, permits, licenses, and odor control costs.

6/ Machine and equipment, and housing, manure handling, and feed storage structures, and dairy breeding herd.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.  
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**FARM INCOME AND EXPENSES: Minnesota, 1999-2003**

Item	1999	2000	2001	2002	2003
	<u>Thousand Dollars</u>				
<b>Value of crop production</b>	3,544,441	3,586,365	3,180,801	4,381,058	4,196,143
Food grains	210,224	244,095	252,214	273,244	322,208
Feed crops	1,241,535	1,259,443	1,157,851	1,706,695	1,767,778
Oil crops	1,207,319	1,263,223	1,095,993	1,460,718	1,615,402
Fruits and tree nuts	7,083	10,804	13,565	13,299	15,155
Vegetables	249,587	210,629	239,269	249,737	248,314
All other crops	530,106	502,938	512,994	540,827	546,932
Home consumption	10,285	10,727	10,046	7,797	8,008
Value of inventory adjustment 2/	88,302	84,506	-101,131	128,742	-327,654
<b>Value of livestock production</b>	3,610,287	3,912,711	4,300,453	3,609,410	4,057,623
Meat animals	1,618,071	2,117,684	2,357,601	1,913,037	2,269,255
Dairy products	1,312,220	1,126,560	1,297,343	1,011,318	1,044,224
Poultry and eggs	609,709	595,521	628,775	642,895	703,063
Miscellaneous livestock	40,844	43,349	52,762	54,646	55,629
Home consumption	6,103	4,397	3,696	2,869	2,947
Value of inventory adjustment 2/	23,340	25,200	-39,724	-15,355	-17,495
<b>Revenues from services and forestry</b>	854,167	852,611	1,089,112	930,987	994,811
Machine hire and custom work	76,818	60,922	112,940	68,165	101,458
Forest products sold	7,100	7,100	6,610	6,610	6,610
Other farm income	363,704	374,123	518,409	379,090	385,869
Gross imputed rental value of farm	406,545	410,466	451,139	477,122	500,874
<b>Value of agricultural sector production 1/</b>	8,008,896	8,351,687	8,570,366	8,921,455	9,248,577
<b>Purchased inputs</b>	5,104,414	5,455,884	5,834,299	5,620,395	5,637,029
<b>Farm origin</b>	1,942,763	2,107,401	2,307,084	2,202,790	2,499,124
Feed purchased	1,117,658	1,175,947	1,236,043	1,125,097	1,370,222
Livestock and poultry purchased	329,679	406,982	504,821	469,473	497,845
Seed purchased	495,426	524,472	566,220	608,220	631,057
<b>Manufactured inputs</b>	1,306,102	1,413,871	1,396,759	1,380,861	1,368,767
Fertilizers and lime	460,213	481,923	483,384	467,948	538,740
Pesticides	466,496	473,829	438,304	435,545	455,947
Petroleum fuel and oils	263,636	343,966	350,624	343,279	291,074
Electricity	115,757	114,153	124,447	134,089	83,006
<b>Other purchased inputs</b>	1,855,549	1,934,612	130,456	2,036,744	1,769,138
Repair and maintenance of capital items	502,922	458,018	623,558	597,134	623,026
Machine hire and customwork	172,225	181,406	292,564	118,273	160,963
Marketing, storage, and transportation	230,705	272,088	208,284	228,067	190,824
Contract labor	15,570	13,525	21,782	15,262	13,968
Miscellaneous expenses	934,127	1,009,575	984,268	1,078,008	780,357
<b>Net government transactions</b>	1,036,368	1,114,129	855,420	127,615	523,983
Direct Government payments	1,409,859	1,502,230	1,242,141	480,483	787,411
Motor vehicle registration and licensing	16,179	15,079	17,412	14,500	17,876
Property taxes	357,312	373,022	369,309	338,368	245,582
<b>Gross value added</b>	3,940,849	4,009,932	3,591,487	3,428,674	4,135,531
<b>Capital consumption</b>	963,504	970,098	984,157	991,247	983,696
<b>Net value added</b>	2,977,345	3,039,834	2,607,330	2,437,427	3,151,835
<b>Payments to stakeholders</b>	1,637,194	1,739,206	1,712,539	1,699,559	1,583,434
Employee compensation (total hired)	454,808	527,850	529,774	539,480	462,665
Net rent received by nonoperator	430,743	428,207	470,513	502,431	453,611
Real estate and nonreal estate interest	751,643	783,149	712,252	657,648	667,158
<b>Net farm income</b>	1,340,151	1,300,628	894,791	737,868	1,568,401

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.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site: ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**CASH RECEIPTS FROM FARM MARKETINGS: Minnesota, 2001-2003 1/**

Commodity	2001		2002		2003	
	Dollars	Percent of Total	Dollars	Percent of Total	Dollars	Percent of Total
	<u>1,000</u>	<u>Percent</u>	<u>1,000</u>	<u>Percent</u>	<u>1,000</u>	<u>Percent</u>
<b>CROPS 2/</b>						
<b>Feed Crops</b>						
Corn	1,059,370	13.9	1,608,371	20.4	1,665,629	19.4
Oats	6,287	0.1	9,945	0.1	8,708	0.1
Barley	13,469	0.2	8,130	0.1	17,893	0.2
Hay	78,726	1.0	80,249	1.0	75,548	0.9
<b>Food Grains</b>						
Wheat	251,475	3.3	272,431	3.5	321,158	3.7
<b>Oil Crops</b>						
Soybeans	1,077,471	14.2	1,444,045	18.4	1,589,469	18.5
Sunflowers	9,599	0.1	10,868	0.1	16,269	0.2
<b>Vegetable Crops</b>						
Potatoes	90,207	1.2	109,243	1.4	88,116	1.0
Sweet Corn (processed)	54,714	0.7	57,159	0.7	60,563	0.7
Green Peas (processed)	32,091	0.4	31,362	0.4	45,524	0.5
<b>Other Crops</b>						
Sugarbeets	314,179	4.1	336,452	4.3	336,452	3.9
Dry Beans	44,365	0.6	35,307	0.4	37,794	0.4
Apples	7,365	0.1	6,999	0.1	8,855	0.1
Floriculture	77,539	1.0	80,842	1.0	85,784	1.0
Other Greenhouse	94,300	1.2	95,400	1.2	96,500	1.1
Other Crops, Fruits, & Vegetables 3/	60,730	0.8	57,718	0.7	61,527	0.7
<b>Total Crops</b>	3,271,887	43.0	4,244,521	54.0	4,515,789	52.6
<b>LIVESTOCK AND PRODUCTS</b>						
<b>Meat Animals</b>						
Cattle & Calves	935,325	12.3	841,716	10.7	989,430	11.5
Hogs	1,410,773	18.5	1,059,829	13.5	1,266,668	14.7
Sheep & Lambs	11,503	0.2	11,492	0.1	13,157	0.2
<b>Dairy Products</b>						
Milk, Wholesale	1,297,343	17.1	1,011,318	12.9	1,044,224	12.2
<b>Poultry &amp; Eggs</b>						
Turkeys	385,000	5.1	413,424	5.3	425,250	5.0
Broilers	85,605	1.1	68,940	0.9	77,690	0.9
Chicken Eggs	112,810	1.5	106,216	1.4	146,372	1.7
<b>Other Livestock Products</b>						
Honey	7,108	0.1	12,555	0.2	14,542	0.2
Miscellaneous Livestock & Products 4/	91,014	1.2	96,406	1.2	94,838	1.1
<b>Total Livestock</b>	4,336,481	57.0	3,621,896	46.0	4,072,171	47.4
<b>TOTAL ALL CROPS AND LIVESTOCK</b>	7,608,368	100.0	7,866,417	100.0	8,587,959	100.0

1/ The years 2001, 2002 and 2003 revised on July 29, 2004.

2/ Includes Commodity Credit loans (calculated by crop open market sales plus net CCC loans).

3/ Includes flaxseed, other oil crops, Kentucky bluegrass, red clover, timothy, and other seeds; asparagus, green lima beans, snap beans, cabbage, onions, carrots, cucumbers, miscellaneous vegetables, mushrooms, other fruits, other berries, Christmas trees, and other field crops.

4/ Wool, mink, goats, ducks, geese, beeswax, turkey eggs, farm chickens, and other livestock and poultry.

Note: Dollars and percent may not add to totals because of rounding.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**FARM BALANCE SHEET: Minnesota, 1999-2003**

Item	1999	2000	2001	2002	2003
			Million Dollars		
<b>Total Farm Assets</b> 1/	44,530.9	46,957.6	48,587.1	51,633.5	56,585.1
Real Estate	31,489.7	33,457.8	35,547.2	37,998.8	42,596.6
Livestock and Poultry 2/	2,438.3	2,485.8	2,602.2	2,436.7	2,562.2
Machinery and Motor Vehicles 3/	4,854.2	4,853.6	5,036.4	5,087.4	5,215.8
Crops 4/	2,094.1	2,388.0	1,701.6	2,195.5	2,191.1
Purchased Inputs	327.9	398.7	343.1	458.7	458.3
Financial	3,326.7	3,373.7	3,356.7	3,456.5	3,561.1
<b>Total Farm Debt</b> 1/ 5/	8,629.4	8,968.5	9,385.8	9,753.8	9,982.3
Real Estate	4,298.5	4,392.5	4,633.0	4,991.4	5,222.7
By Lender					
Farm Credit System	1,409.2	1,427.0	1,579.1	1,817.5	1,927.0
Farm Service Agency	140.0	134.5	132.3	125.7	112.6
Commercial Banks	1,376.8	1,485.6	1,551.7	1,650.5	1,753.6
Life Insurance Companies	268.8	252.9	256.4	261.3	265.4
Individuals and others	1,103.7	1,092.5	1,113.5	1,136.5	1,164.2
Nonreal Estate 1/	4,330.9	4,576.0	4,752.9	4,762.4	4,759.6
By Lender					
Farm Credit System	984.6	967.2	1,114.6	1,143.9	1,164.9
Farm Service Agency	185.8	190.4	188.2	180.2	172.7
Commercial Banks	2,323.3	2,520.1	2,529.7	2,491.4	2,446.1
Individuals and others	837.2	898.3	920.4	946.9	975.9
<b>Total Farm Equity</b> 1/	35,901.4	37,989.1	39,201.3	41,879.7	46,602.8
			Percent		
<b>Debt/Equity Ratio</b>	24.0	23.6	23.9	23.3	21.4
<b>Debt/Equity Ratio</b>	19.4	19.1	19.3	18.9	17.6

1/ May not add to total due to rounding.

2/ Excludes horses, mules, and broilers.

3/ Includes only farm share value for trucks and autos.

4/ All non-CCC crops held on farms plus the value above loan rate for crops held under CCC.

5/ Excludes debt for nonfarm purposes.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.  
Internet Web Site ([www.ers.usda.gov/data/farmbalancesheet/fbsdmu.htm](http://www.ers.usda.gov/data/farmbalancesheet/fbsdmu.htm))



## 2004 Weather Summary

Snow and cold air were abundant in January and February, a switch from some of the balmy winters that Minnesota experienced over the past seven years. Despite the hefty amounts of snow, most of it was accompanied by very cold temperatures so the snow to water ratio was very high. The temperatures for January were cooler than normal. February started out cool, but then a warm up late in the month brought the monthly average back to near normal.

Two springtime storms brought some badly needed moisture to the state in March. The eastern third of the state had greater than average precipitation, while far west central was below normal. Northwest Minnesota saw at or slightly above average precipitation. The rain in northwestern Minnesota coincided with a rapidly melting snow pack. This led to some flooding along the Red River and its tributaries.

Despite some welcome rains in April, rainfall totals were generally short of the historical average. It was extremely dry in sections of west central and northwestern Minnesota where monthly precipitation totals were less than 20 percent of normal. This was part of a dry spell that began in July 2003 and continued until April 2004. The ten-month period saw rainfall deficits of four to six inches over central Minnesota and eight to twelve inches over the southeast.

In May, with an abruptness common to Minnesota's climate, precipitation patterns changed significantly across most of the state. The statewide area averaged precipitation total approached six inches, the fifth wettest May of the 114-year modern record. Along with the rain it was a cold month. The cool weather significantly delayed crop growth and spring green-up, especially in the north.

June was a return to drier than normal conditions. Rainfall was generally one to three inches below normal in most communities. However, there were exceptions. Portions of south central and southeastern Minnesota were extraordinarily wet, especially during the first half of the month. June monthly mean temperatures were generally three to five degrees below normal. In some northern Minnesota communities, the May plus June mean temperature was among the coldest on record.

Rainfall totals were highly variable in July. The heaviest precipitation occurred in portions of the south central where rainfall totals topped historical averages by two to four inches. Rainfall was short of average by one to two inches in some sections of the northeast. Continuing the cool summer that began in May and June, July temperatures were cool.

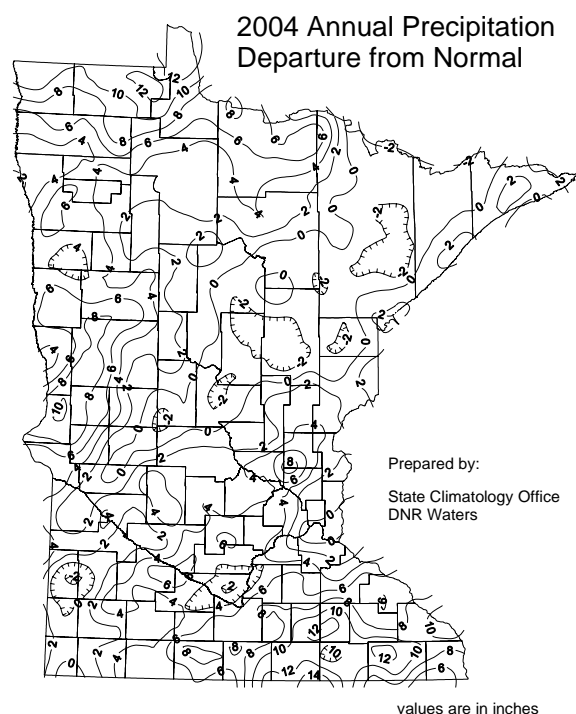
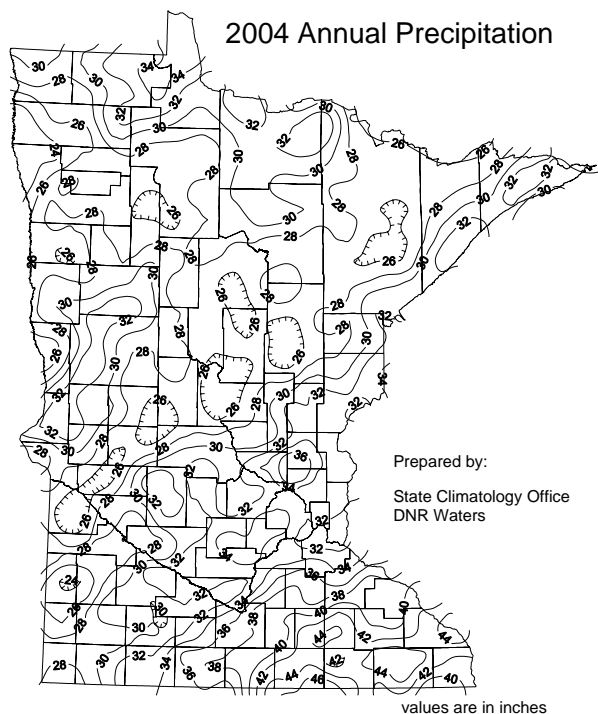
August was another cool and dry month. The continued cold temperatures sparked fears of reduced yields from crops. Rainfall was short of the historical average by one to two inches in many locations. Above normal precipitation was reported only in some areas of northwest, southwest, and south central Minnesota.

Much to the relief of farmers, September was much warmer than normal and had generous amounts of rain. It was among the warmest and wettest Septembers in the modern climate record. In fact, the average statewide temperature for September was higher than August. This is very rare, only happening once before in the modern climate record. It was exactly the weather needed for a good harvest.

October started off wet and mild allowing the soils to recharge nicely before the first frost. November was dry. In western communities, November 2004 was one of the driest Novembers on record. In December, there was little snowfall except in northern Minnesota. Temperatures were also mild at the close of the year with December finishing three to six degrees above normal.

The accompanying maps show that the northwest and southeast portions of the state finished above normal, while southwest through northeast Minnesota finished near normal.

Source: State Climatology Office, DNR – Division of Waters



**MEDIAN FROST DATES: Minnesota, Based on Averages from 1948-92**

District and County	Station	Average Date of Last Temperature Occurrence			Average Date of First Temperature Occurrence			Number of Days Between Average Last Spring and First Fall Occurrence of:		
		24°F	28°F	32°F	32°F	28°F	24°F	32°F	28°F	24°F
Northwest										
Norman	Ada	Apr 24	May 06	May 14	Sep 24	Oct 02	Oct 13	133	153	176
Marshall	Argyle	Apr 26	May 09	May 18	Sep 22	Sep 28	Oct 10	126	143	168
Polk	Crookston	Apr 25	May 08	May 16	Sep 23	Sep 29	Oct 13	129	145	170
Becker	Detroit Lakes	May 02	May 10	May 21	Sep 17	Sep 24	Oct 05	116	139	157
Polk	Fosston	Apr 26	May 07	May 17	Sep 21	Sep 28	Oct 16	127	146	173
Kittson	Hallock	Apr 27	May 09	May 19	Sep 23	Oct 02	Oct 10	126	144	165
Clay	Moorhead	Apr 21	May 06	May 13	Sep 24	Oct 04	Oct 15	135	152	178
Red Lake	Red Lake Falls	Apr 20	May 08	May 17	Sep 22	Sep 28	Oct 10	127	141	176
Roseau	Roseau	May 04	May 14	May 25	Sep 16	Sep 25	Oct 07	112	137	159
Roseau	Warroad	Apr 30	May 10	May 21	Sep 23	Sep 28	Oct 12	124	141	165
North Central										
Lake of the Woods	Baudette	Apr 28	May 09	May 22	Sep 22	Sep 28	Oct 13	122	146	164
Beltrami	Bemidji	May 04	May 09	May 22	Sep 22	Sep 27	Oct 15	124	136	164
Koochiching	Big Falls	May 04	May 15	Jun 01	Sep 15	Sep 24	Oct 05	108	135	159
Itasca	Grand Rapids	Apr 27	May 09	May 23	Sep 20	Sep 27	Oct 09	116	141	165
Koochiching	Int'l Falls	Apr 29	May 12	May 24	Sep 17	Sep 25	Oct 08	114	138	163
Hubbard	Park Rapids	May 01	May 08	May 19	Sep 20	Sep 27	Oct 07	124	143	162
Northeast										
St. Louis	Babbitt	Apr 28	May 09	May 21	Sep 23	Oct 05	Oct 22	125	153	174
St. Louis	Duluth (Airport)	Apr 24	May 09	May 20	Sep 22	Oct 05	Oct 17	124	154	175
Cook	Grand Marais	Apr 17	May 01	May 15	Sep 30	Oct 19	Oct 30	138	171	194
St. Louis	Hibbing	Apr 28	May 12	May 29	Sep 13	Sep 26	Oct 06	107	137	163
West Central										
Douglas	Alexandria	Apr 13	Apr 24	May 08	Oct 01	Oct 12	Oct 25	146	169	194
Swift	Benson	Apr 13	Apr 29	May 07	Sep 30	Oct 10	Oct 18	146	166	189
Wilkin	Campbell	Apr 20	Apr 29	May 10	Sep 24	Oct 02	Oct 14	136	156	179
Yellow Medicine	Canby	Apr 14	Apr 28	May 08	Oct 01	Oct 10	Oct 21	147	163	189
Otter Tail	Fergus Falls	Apr 16	Apr 30	May 09	Sep 27	Oct 09	Oct 21	143	162	188
Lac Qui Parle	Madison	Apr 14	Apr 29	May 07	Sep 28	Oct 09	Oct 20	144	166	192
Lac Qui Parle	Montevideo	Apr 13	Apr 28	May 07	Sep 30	Oct 10	Oct 21	146	169	192
Stevens	Morris	Apr 14	Apr 29	May 08	Sep 27	Oct 06	Oct 17	143	161	185
Traverse	Wheaton	Apr 15	Apr 28	May 10	Sep 28	Oct 10	Oct 23	143	162	189
Central										
Sibley	Gaylord	Apr 09	Apr 17	Apr 30	Oct 05	Oct 14	Oct 24	159	180	193
Scott	Jordan	Apr 13	Apr 28	May 10	Sep 27	Oct 07	Oct 20	143	164	190
Morrison	Little Falls	Apr 19	May 02	May 12	Sep 24	Oct 03	Oct 17	136	154	181
Stearns	Melrose	Apr 12	Apr 28	May 11	Sep 24	Oct 05	Oct 16	138	160	186
Stearns	St. Cloud	Apr 19	May 01	May 12	Sep 24	Oct 05	Oct 17	138	157	180
Wadena	Wadena	Apr 22	May 16	May 12	Sep 24	Oct 03	Oct 18	137	156	180
Kandiyohi	Willmar	Apr 12	May 05	May 02	Oct 03	Oct 14	Oct 24	154	172	193
East Central										
Aitkin	Aitkin	Apr 23	May 06	May 19	Sep 23	Sep 28	Oct 18	126	149	176
Crow Wing	Brainerd	Apr 22	May 04	May 12	Sep 20	Oct 01	Oct 16	132	151	175
Pine	Hinckley	Apr 22	May 06	May 20	Sep 22	Sep 28	Oct 10	120	147	172
Hennepin	Maple Plain	Apr 13	Apr 25	May 06	Oct 01	Oct 13	Oct 25	153	169	195
Mille Lacs	Milaca	Apr 18	May 01	May 12	Sep 25	Oct 03	Oct 18	137	153	184
Carlton	Moose Lake	May 02	May 16	May 31	Sep 16	Sep 26	Oct 07	109	132	162
Kanabec	Mora	Apr 21	May 05	May 17	Sep 20	Oct 01	Oct 14	125	151	169
Washington	Stillwater	Apr 10	Apr 16	May 02	Oct 07	Oct 16	Nov 02	160	184	207
Southwest										
Redwood	Lamberton	Apr 09	Apr 28	May 06	Sep 29	Oct 07	Oct 15	146	163	188
Rock	Luverne	Apr 16	Apr 29	May 07	Sep 27	Oct 05	Oct 16	142	160	177
Lyon	Marshall	Apr 10	Apr 22	May 05	Oct 04	Oct 15	Oct 24	155	176	196
Pipestone	Pipestone	Apr 23	May 05	May 12	Sep 23	Oct 03	Oct 10	135	151	171
Cottonwood	Windom	Apr 14	Apr 15	May 07	Sep 30	Oct 07	Oct 19	146	167	189
South Central										
Freeborn	Albert Lea	Apr 09	Apr 20	May 02	Oct 05	Oct 18	Oct 31	156	181	201
Martin	Fairmont	Apr 06	Apr 14	May 01	Oct 09	Oct 20	Oct 31	161	189	208
Rice	Faribault	Apr 14	Apr 27	May 10	Sep 29	Oct 11	Oct 24	146	167	193
Brown	New Ulm	Apr 09	Apr 23	May 03	Sep 28	Oct 10	Oct 23	148	170	193
Waseca	Waseca	Apr 12	Apr 23	May 06	Oct 01	Oct 06	Oct 24	149	167	192
Faribault	Winnebago	Apr 09	Apr 19	May 03	Oct 06	Oct 17	Oct 26	158	180	203
Southeast										
Mower	Austin	Apr 12	Apr 29	May 07	Sep 27	Oct 06	Oct 23	144	166	191
Houston	Caledonia	Apr 14	Apr 24	May 06	Sep 29	Oct 11	Oct 26	152	174	192
Dakota	Farmington	Apr 11	Apr 21	May 03	Oct 03	Oct 12	Oct 29	155	178	201
Fillmore	Preston	Apr 21	May 07	May 18	Sep 21	Sep 29	Oct 13	125	148	178
Olmsted	Rochester	Apr 11	Apr 21	May 08	Sep 30	Oct 13	Oct 27	147	174	197
Winona	Winona	Apr 07	Apr 17	Apr 17	Oct 06	Oct 19	Oct 31	163	184	205
Goodhue	Zumbrota	Apr 17	Apr 30	Apr 30	Sep 25	Oct 03	Oct 18	139	157	187

Source: State Climatology Office, DNR - Division of Waters

**MONTHLY PRECIPITATION: by Selected Stations and Districts, Minnesota, 2004**

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<u>Precipitation (Inches)</u>												
<b>Northwest</b>												
Argyle	1.42	.41	1.43	.90	6.81	M.93	2.60	3.03	3.46	1.39	.02	1.07
Crookston	.31	.13	.76	.43	7.96	1.45	3.87	4.82	4.13	3.23	M.15	.88
Moorhead	.73	.73	1.60	.18	M	1.07	4.25	M	M	3.69	M	M
District Average	.82	.34	1.15	.58	6.78	1.61	3.72	3.66	5.10	3.58	.24	.97
District Normal	.71	.48	.96	1.63	2.52	3.71	3.17	2.96	2.55	1.72	.82	.69
<b>North Central</b>												
Grand Rapids	1.24	.68	1.54	1.22	4.16	.88	5.13	3.00	6.76	2.43	.54	1.78
Int'l Falls	.65	.14	.63	.90	5.00	1.54	4.33	1.50	5.99	3.98	.31	2.00
Walker	.94	.67	1.50	.39	4.33	.95	4.40	1.77	7.78	2.41	.75	1.08
District Average	.94	.56	1.32	.86	4.43	1.42	4.84	2.48	6.63	3.73	.38	1.34
District Normal	.78	.52	1.15	1.92	2.83	4.00	3.74	3.51	3.02	2.28	1.12	.83
<b>Northeast</b>												
Duluth	1.89	1.48	2.11	1.38	3.56	1.87	3.72	3.72	4.31	3.17	.49	2.13
Grand Marais	M1.07	.57	1.46	1.49	3.95	1.55	3.20	2.29	1.64	4.47	.92	M2.46
Hibbing	.25	.07	.56	.69	4.36	1.45	2.84	2.58	3.94	1.91	.03	.56
District Average	1.31	.75	1.70	1.63	4.37	1.82	3.13	2.83	4.20	3.47	.52	2.28
District Normal	.98	.66	1.36	2.03	2.93	4.03	3.70	3.81	3.58	2.54	1.56	1.05
<b>West Central</b>												
Canby	.64	.66	.64	1.75	4.72	4.45	2.73	4.15	4.11	3.15	.50	.15
Fergus Falls	.83	.44	1.41	.83	5.88	1.77	6.05	3.27	9.66	3.22	.21	1.16
Montevideo	M.20	M	M.89	1.43	5.98	2.32	3.55	6.05	5.70	4.49	.27	.10
Morris	.58	.73	1.52	1.09	5.21	4.19	3.49	2.09	5.98	2.26	.52	.23
District Average	.53	.60	1.03	1.20	4.93	3.16	4.11	2.89	6.46	2.92	.38	.26
District Normal	.73	.67	1.39	2.22	2.84	3.81	3.31	3.01	2.46	1.99	1.05	.65
<b>Central</b>												
Hutchinson	.28	M.75	1.29	.95	6.53	4.08	4.71	3.21	5.16	2.52	1.00	.08
Olivia	.40	M	M	1.49	7.23	3.81	2.43	3.07	6.32	M2.67	.62	.05
St. Cloud	.42	.80	1.34	1.29	6.72	3.67	3.48	1.63	5.13	3.37	.54	.46
Willmar	.51	.63	1.11	1.33	7.50	4.44	4.08	2.66	4.08	4.39	.71	.18
District Average	.65	1.09	1.32	1.75	6.40	4.15	3.62	2.30	5.84	2.83	.70	.31
District Normal	.79	.70	1.63	2.46	3.22	4.35	3.66	3.66	3.01	2.27	1.36	.86
<b>East Central</b>												
Aitkin	.94	.87	1.60	2.33	2.57	2.13	3.91	2.02	4.33	3.59	.54	1.10
Milaca	.58	.82	.96	1.13	4.80	4.22	2.19	1.96	6.50	3.39	.64	M.39
MSP-Airport	.23	1.09	2.11	2.06	6.39	3.06	3.36	1.19	4.21	2.32	.93	.44
District Average	.60	1.22	1.73	2.11	5.41	3.02	3.66	2.20	5.11	3.38	.78	.74
District Normal	.88	.69	1.62	2.33	3.31	4.31	3.88	3.83	3.35	2.46	1.52	1.04
<b>Southwest</b>												
Lamberton	.31	.47	1.09	1.06	6.78	3.48	3.82	5.07	5.82	.66	.86	.14
Marshall	M.05	.97	.61	1.14	5.97	5.00	3.43	5.07	3.11	1.62	.85	M.03
Pipestone	M1.22	.70	1.81	1.11	6.72	3.53	4.44	2.85	5.21	.65	M.59	M.12
Redwood Falls	.34	.63	.89	1.02	9.62	4.23	3.97	3.54	5.49	1.30	.70	.05
Windom	.83	1.03	1.61	1.82	3.96	2.41	5.86	3.17	6.34	1.16	1.04	M.20
District Average	.49	.67	1.59	1.43	6.46	3.32	5.21	3.64	5.58	.92	.92	.09
District Normal	.58	.68	1.70	2.56	3.18	3.78	3.73	2.95	3.08	2.04	1.28	.76
<b>South Central</b>												
Fairmont	M.49	1.12	2.43	1.27	M7.31	2.26	5.42	3.34	8.95	2.21	1.57	.09
Faribault	.48	1.70	2.49	1.84	8.52	4.89	6.56	2.52	5.19	2.29	M1.12	.28
Mankato	.50	1.18	2.60	1.51	5.63	7.94	6.34	6.06	6.32	1.11	1.13	.22
Waseca	.38	1.57	2.80	1.76	5.61	6.42	7.08	4.92	6.92	2.45	1.17	.21
District Average	.42	1.30	2.26	1.89	6.75	4.17	6.19	4.20	6.76	1.59	1.16	.25
District Normal	.77	.78	1.89	2.80	3.48	4.01	4.08	3.79	3.24	2.26	1.50	1.04
<b>Southeast</b>												
Austin	.26	1.52	1.01	2.53	8.43	3.74	9.11	4.55	5.77	2.10	2.28	1.18
Caledonia	.48	1.54	3.57	1.77	11.63	6.61	4.97	3.35	2.75	2.43	1.87	1.04
Rochester	.32	1.58	2.21	2.34	6.38	8.53	4.59	3.44	5.80	2.11	1.49	.59
Winona	.31	M1.43	4.27	1.84	10.57	7.07	6.06	4.87	5.66	2.59	1.91	.92
District Average	.37	1.52	2.83	2.01	8.24	6.54	5.13	3.74	5.66	2.53	1.75	.80
District Normal	.96	.86	1.96	2.91	3.72	4.03	4.19	3.98	3.77	2.57	1.75	1.23

M = Missing, insufficient, or partial data

Source: National Oceanic and Atmospheric Administration, U.S. Department of Commerce

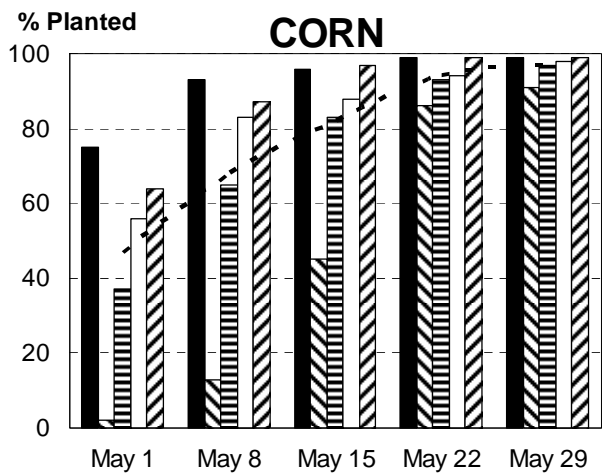
**CROPS: Average Completion Dates for Planting and Harvesting, Minnesota, 2000-2004**

Crop and Year	Date Planting Completed					Date Harvesting Completed				
	Percent					Percent				
	10	25	50	75	90	10	25	50	75	90
<b>Corn</b>										
2004	Apr 20	Apr 26	Apr 29	May 04	May 09	Oct 14	Oct 23	Nov 03	Nov 12	Nov 23
2003	Apr 23	Apr 27	May 01	May 04	May 17	Sep 28	Oct 08	Oct 15	Oct 21	Oct 26
2000-2004	Apr 24	Apr 27	May 02	May 12	May 19	Oct 04	Oct 12	Oct 21	Nov 01	Nov 11
<b>Soybeans</b>										
2004	May 01	May 05	May 10	May 18	May 30	Sep 30	Oct 05	Oct 14	Oct 21	Oct 24
2003	May 03	May 12	May 21	May 27	Jun 01	Sep 21	Sep 26	Oct 02	Oct 08	Oct 13
2000-2004	May 03	May 08	May 17	May 25	Jun 02	Sep 22	Sep 28	Oct 05	Oct 15	Oct 22
<b>Spring Wheat</b>										
2004	Apr 12	Apr 19	Apr 27	May 03	May 09	Aug 13	Aug 21	Sep 12	Sep 21	Sep 26
2003	Apr 15	Apr 19	Apr 29	May 04	May 12	Aug 02	Aug 07	Aug 14	Aug 21	Aug 26
2000-2004	Apr 17	Apr 26	May 04	May 16	May 25	Aug 04	Aug 10	Aug 19	Aug 28	Sep 15
<b>Oats</b>										
2004	Apr 07	Apr 11	Apr 20	Apr 30	May 08	Jul 27	Aug 07	Aug 18	Aug 27	Sep 05
2003	Apr 16	Apr 21	Apr 28	May 03	May 12	Jul 26	Jul 30	Aug 06	Aug 13	Aug 19
2000-2004	Apr 09	Apr 19	Apr 30	May 09	May 19	Jul 24	Aug 01	Aug 08	Aug 18	Aug 26
<b>Barley</b>										
2004	Apr 13	Apr 26	May 01	May 08	May 16	Aug 11	Aug 20	Aug 29	Sep 11	Sep 22
2003	Apr 18	Apr 28	May 02	May 08	May 13	Jul 30	Aug 05	Aug 10	Aug 16	Aug 21
2000-2004	Apr 20	Apr 28	May 06	May 17	May 26	Aug 01	Aug 07	Aug 14	Aug 24	Sep 04
<b>Potatoes</b>										
2004	Apr 20	Apr 23	Apr 29	May 08	May 31	Aug 13	Aug 26	Sep 19	Oct 08	Oct 15
2003	Apr 23	Apr 27	May 03	May 16	Jun 01	Aug 15	Aug 23	Sep 22	Oct 04	Oct 15
2000-2004	Apr 23	Apr 28	May 07	May 20	Jun 01	Aug 21	Sep 07	Sep 25	Oct 06	Oct 16
<b>Sunflowers</b>										
2004	May 08	May 15	May 26	Jun 07	Jun 23	Oct 08	Oct 20	Nov 10	Nov 23	Dec 02
2003	May 08	May 14	May 25	Jun 02	Jun 06	Oct 06	Oct 10	Oct 16	Oct 22	Oct 28
2000-2004	May 10	May 16	May 27	Jun 03	Jun 11	Oct 07	Oct 12	Oct 22	Nov 04	Nov 18
<b>Alfalfa Hay 1/</b>										
2004						Jun 04	Jun 10	Jun 17	Jun 25	Jul 04
2003						May 28	Jun 02	Jun 09	Jun 18	Jun 28
2000-2004						May 29	Jun 04	Jun 12	Jun 22	Jul 02
<b>Sweet Corn</b>										
2004	May 01	May 08	May 19	Jun 10	Jun 24	Aug 12	Aug 19	Sep 01	Sep 18	Oct 02
2003	May 01	May 16	May 27	Jun 08	Jun 20	Aug 06	Aug 13	Aug 26	Sep 09	Sep 19
2000-2004	May 02	May 11	May 22	Jun 07	Jun 21	Aug 05	Aug 13	Aug 25	Sep 08	Sep 21
<b>Dry Beans</b>										
2004	May 02	May 17	May 28	Jun 05	Jun 12	Sep 22	Sep 27	Oct 06	Oct 14	Oct 18
2003	May 10	May 15	May 24	Jun 03	Jun 07	Sep 03	Sep 07	Sep 15	Sep 29	Oct 08
2000-2004	May 09	May 17	May 26	Jun 02	Jun 08	Sep 05	Sep 13	Sep 25	Oct 06	Oct 13
<b>Sugarbeets</b>										
2004	Apr 13	Apr 16	Apr 23	Apr 29	May 02	Sep 28	Oct 04	Oct 09	Oct 14	Oct 17
2003	Apr 16	Apr 20	Apr 29	May 03	May 13	Sep 25	Oct 01	Oct 05	Oct 13	Oct 17
2000-2004	Apr 17	Apr 25	Apr 30	May 09	May 19	Sep 27	Oct 03	Oct 08	Oct 13	Oct 18

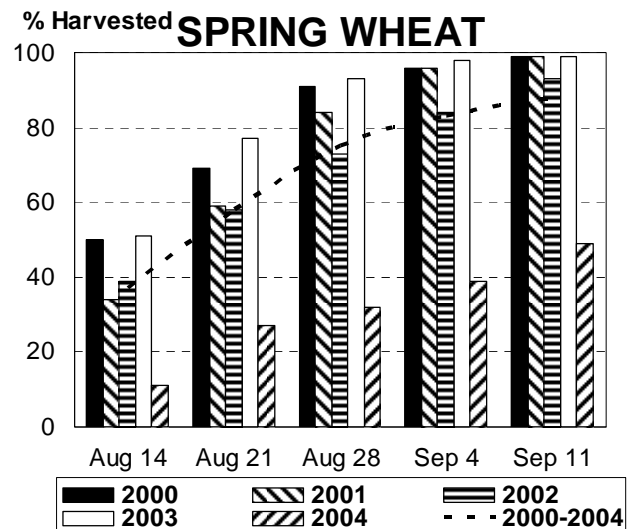
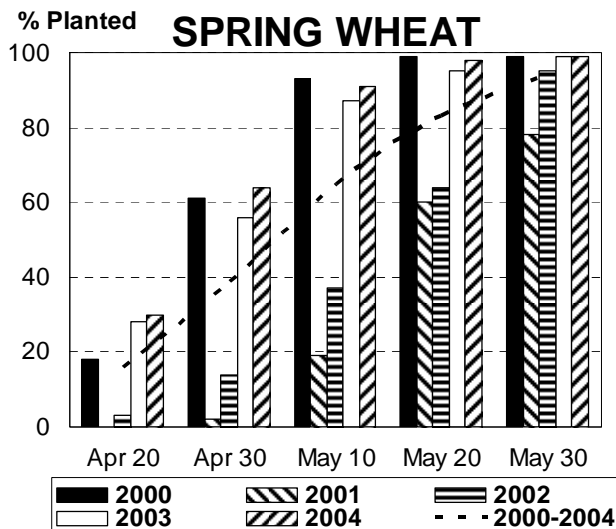
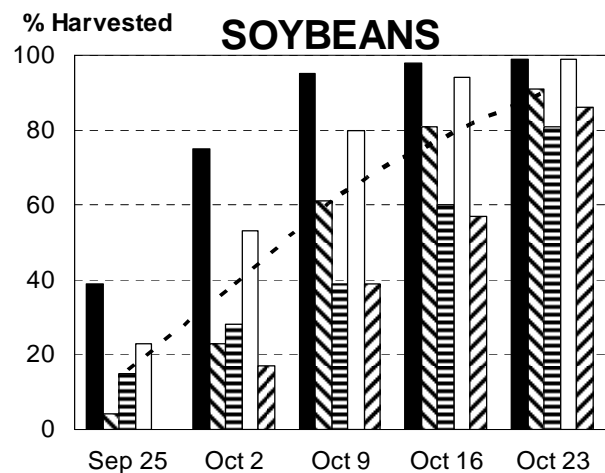
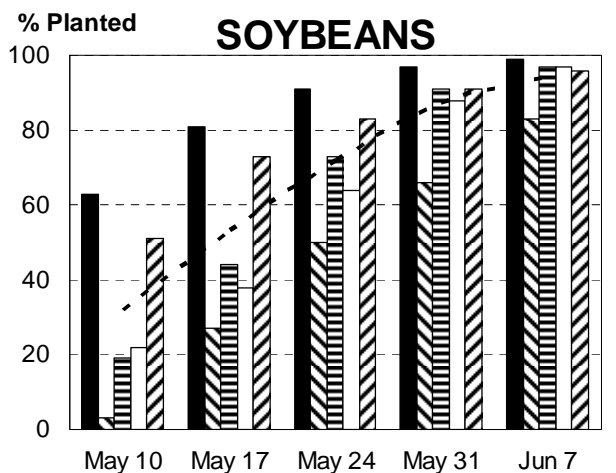
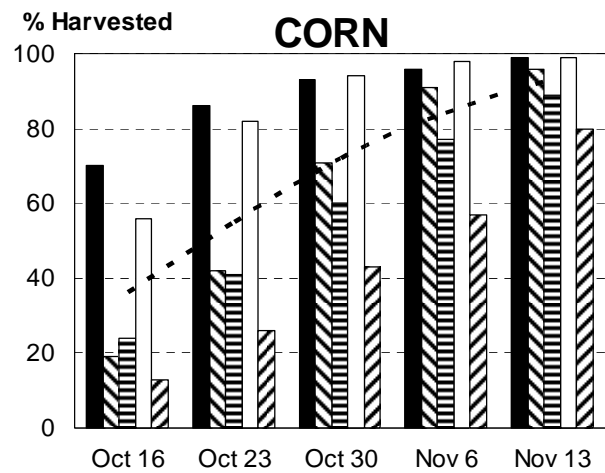
1/ First Cutting.

## PLANTING & HARVESTING PROGRESS OF MINNESOTA'S MAJOR CROPS, 2000-2004

### PLANTING PROGRESS



### HARVESTING PROGRESS



## 2004 CROP SUMMARY

The winter of 2004 began with abnormally mild December temperatures and below-normal precipitation across most of the State. During January, below-average precipitation and colder than average temperatures caused frost to penetrate into the soil. February brought milder temperatures and enough snow, especially in the northern districts, to prevent further frost penetration and possible damage to pastures and alfalfa stands. The first half of March was colder than average. As temperatures warmed, melting snow and light rainfall were readily absorbed by the dry soils with little or no runoff.

Dry weather in early April allowed an early start to spring planting. Topsoil moisture was rated short or very short for two-thirds of the State. Full-scale fieldwork began around April 16<sup>th</sup>. Planting of small grains ran well ahead of the 5-year average as temperatures stayed close to seasonal averages. The dry conditions led to an abundance of wildfires in mid-April. By the end of the month, widespread rains improved topsoil moisture supplies. Sugarbeet, corn, and soybean planting progress was running well ahead of the 5-year average by the end of the month.

In May, drier conditions helped field work to move forward rapidly. Temperatures in May averaged 3.6 degrees below seasonal averages. By late May, enough rain had fallen that topsoil moisture levels were adequate throughout the state and surplus in the northwest district. Field work was delayed, but in spite of the cool temperatures crop emergence was at or slightly ahead of the 5-year average for corn, soybeans, and small grains.

Temperatures were below seasonal averages for three of the four weeks in June, with the last week being the coolest, averaging 9.4 degrees below normal. Precipitation amounts during the first half of the month were above normal, resulting in standing water in some fields. By the end of the month, with growing degree days falling progressively further behind seasonal averages, crop development was lagging behind the 5-year average, with the effect most pronounced on the small grains as they progressed from the jointed to the heading stage of development.

Warmer temperatures in early July, followed by rain, enabled crop development to advance more quickly. By the latter part of July, consistently below-average precipitation resulted in short topsoil moisture over much of the central and eastern part of the State. Continued below-average temperatures for the rest of July delayed the ripening of small grains and caused row-crop development to lag behind the 5-year average. Nevertheless, by the end of the month, many small-grain producers reported that the condition of their oats, wheat, and barley was generally good to excellent. The percent of corn rated good to excellent was 68 percent and soybeans 58 percent as of July 30<sup>th</sup>.

On August 3<sup>rd</sup>, heavy rain, hail, and winds gusting from 50 to 80 miles per hour hit the southernmost counties of Minnesota, flattening some small grain and corn fields. Producers statewide reported that most of the corn crop was two weeks behind, with the harvest of small grain well behind the previous five years. On August 5<sup>th</sup>, Tower, MN reported a new State record low of 26 degrees for that date. The week of August 8<sup>th</sup> temperatures averaged 10.6 degrees below normal and the week of August 15<sup>th</sup>, 8.5 degrees below normal. Freezing temperatures were recorded in parts of the State on August 20<sup>th</sup>. Although temperatures began to warm somewhat by the end of August, growing degree day totals ranged from 219 degree-days behind normal in Rochester to 617 degree-day units behind in Crookston. The lack of warmth resulted in a progressive decline in the condition of both the corn and soybean crop by the end of the month. At that time, 49 percent of the corn and only 44 percent of the soybean crop was rated in good to excellent condition. Topsoil moisture conditions were generally adequate in most parts of the State during August.

Consistently above-average temperatures throughout the month of September, coupled with adequate topsoil moisture and rain, improved crop conditions. Corn was rated 60 percent good to excellent condition by the first week of October. There was only small improvement in the soybean crop condition, which had been damaged in many areas by frost during August.

Frost was reported across most of the State at the end of September. Soybean harvest was in full swing the first week of October, while corn harvest was beginning the second week of October. Harvest was helped by warm, dry conditions the first three weeks of October, with over five days available for field work each week. By October 23<sup>rd</sup>, corn harvest was only 28 percent complete compared with the five-year average of 68 percent. The moisture content of the corn averaged 24 percent at harvest, compared with the 5-year average of 18 percent. By that same date, harvest of sugar beets, potato, dry beans and soybean was nearly complete. By contrast, harvest of corn and sunflowers continued to lag well behind the five year average, in part because of average to above average rainfall during the last week of October.

Temperatures in November were consistently above normal, but wet soils continued to make corn harvest and fall tillage difficult. Topsoil moisture conditions at the end of the month were 79 percent adequate and 20 percent surplus. Subsoil moisture conditions were 77 percent adequate and 18 percent surplus, far better than at the same time the previous year.

**CROPS: Record Highs, Minnesota and United States**

Crop	Plantings		Yield Per Acre		Production	
	<u>1,000 Acres</u>	<u>Year</u>	<u>Unit</u>	<u>Year</u>	<u>1,000 Units</u>	<u>Year</u>
<b>Corn</b>						
Minnesota	7,700	1981	159.0 Bu.	2004	1,120,950 Bu.	2004
United States	113,024	1932	160.4 Bu.	2004	11,807,217 Bu.	2004
<b>Soybeans</b>						
Minnesota	7,500	2003	43.5 Bu.	2002	308,850 Bu.	2002
United States	75,208	2004	42.5 Bu.	2004	3,140,996 Bu.	2004
<b>All Wheat</b>						
Minnesota	6,375 1/	1899	57.8 Bu.	2003	142,426 Bu.	1985
United States	88,251	1981	44.2 Bu.	2003	2,785,357 Bu.	1981
<b>Spring Wheat</b>						
Minnesota	2/		58.0 Bu.	2003	137,500 Bu.	1992
United States	2/		43.2 Bu.	2004	757,608 Bu.	1992
<b>Barley</b>						
Minnesota	2,380	1935	75.0 Bu.	1992 & 2003	70,950 Bu.	1985
United States	19,686	1942	69.4 Bu.	2004	608,532 Bu.	1986
<b>Oats</b>						
Minnesota	5,466	1945	72.0 Bu.	2000	242,640 Bu.	1945
United States	47,494	1955	65.4 Bu.	1992	1,523,851 Bu.	1945
<b>All Hay</b>						
Minnesota	4,721 3/	1941	3.39 Tons	1986	9,675 Tons	1986
United States	77,639 3/	1944	2.58 Tons	1995	159,582 Tons	1999
<b>All Potatoes</b>						
Minnesota	486 3/	1922	430 Cwt.	2004	26,244 Cwt.	1922
United States	3,901 3/	1922	391 Cwt.	2004	513,544 Cwt.	2000
<b>Dry Beans</b>						
Minnesota	205	1999	1,720 Lbs.	2002	2,666 Cwt.	2002
United States	2,599	1943	1,762 Lbs.	1999	33,319 Cwt.	1991
<b>Sugarbeets</b>						
Minnesota	505	2002	21.5 Tons	2000	10,032 Tons	2003
United States	1,647	1969	23.7 Tons	2000	33,420 Tons	1999
<b>All Sunflowers</b>						
Minnesota	1,400	1979	1,781 Lbs.	1991	1,870,620 Lbs.	1979
United States	5,555	1979	1,510 Lbs.	1998	7,296,110 Lbs.	1979

1/ Normally spring wheat accounts for 90-95% of the all wheat estimate for Minnesota. Planted acreage estimates started in 1919; therefore, the record is based on harvested acreage estimates that started in 1866.

2/ Planted acreage estimates started in 1924, and the record was set prior to 1924.

3/ Harvested acres.

**CROPS: Stocks and Price Records, Minnesota**

	STOCKS: Record Highs		PRICES: Record Highs and Lows	
Crop	On-Farm	Off-Farm	High Monthly Average Price since 1983	Low Monthly Average Price since 1983
	1,000 Bushels		Dollars per Bushel	
Corn	820,000 December 1, 1986	259,100 December 1, 1987	\$3.95 August 1996	\$1.29 October 1986
Soybeans	171,000 December 1, 2002	102,329 December 1, 1986	\$9.66 April 2004	\$3.94 October 2001
All Wheat	175,000 September 1, 1986	101,732 September 1, 1986	\$5.87 June 1996	\$2.23 August 1987
Barley	88,688 September 1, 1985	45,258 September 1, 1988	\$3.18 June 1996	\$1.10 August 1986
Oats	191,160 September 1, 1971	78,566 September 1, 1971	\$2.93 July 1988	\$0.82 August 1986

**CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)**

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
<b>Corn for Grain 2/</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	7,200	6,650	145.0	964,250	1.71	1,648,868
2001	6,800	6,200	130.0	806,000	1.90	1,531,400
2002	7,200	6,700	157.0	1,051,900	2.15	2,261,585
2003	7,200	6,650	146.0	970,900	2.35	2,281,615
2004	7,500	7,050	159.0	1,120,950	1.85	2,073,758
<b>Corn for Silage</b>						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>		
2000	--	475	16.0	7,600	--	--
2001	--	500	14.0	7,000	--	--
2002	--	400	17.0	6,800	--	--
2003	--	475	14.0	6,650	--	--
2004	--	400	16.0	6,400	--	--
<b>Soybeans</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	7,300	7,150	41.0	293,150	4.38	1,283,997
2001	7,300	7,200	37.0	266,400	4.32	1,150,848
2002	7,200	7,100	43.5	308,850	5.42	1,673,967
2003	7,500	7,450	32.0	238,400	7.26	1,730,784
2004	7,300	7,050	33.5	236,175	5.35	1,263,536
<b>Oats</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	400	310	72.0	22,320	0.99	22,097
2001	300	210	60.0	12,600	1.53	19,278
2002	420	265	56.0	14,840	1.65	24,486
2003	350	265	71.0	18,815	1.39	26,153
2004	310	190	70.0	13,300	1.25	16,625
<b>Barley</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	270	240	64.0	15,360	1.67	25,651
2001	160	145	55.0	7,975	1.70	13,558
2002	190	150	41.0	6,150	2.62	16,113
2003	190	170	75.0	12,750	2.52	32,130
2004	130	115	68.0	7,820	2.05	16,031

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. Marketing year periods, by crop, are October-September for corn; September-August for soybeans, July-June for oats and barley. Prices do not include allowance for CCC loans outstanding, purchases by the government, or deficiency payments. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

2/ Acreage planted to corn is for "all purposes".

--continued

**CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)**

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
<b>All Wheat</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	2,022	1,971	49.0	96,526	2.89	278,473
2001	1,867	1,815	43.9	79,655	2.93	233,243
2002	2,040	1,834	34.0	62,420	3.86	240,637
2003	1,877	1,825	57.8	105,482	3.66	386,130
2004	1,728	1,636	54.8	89,605	3.25	290,625
<b>Spring Wheat (Other than Durum)</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	2,000	1,950	49.0	95,550	2.89	276,140
2001	1,850	1,800	44.0	79,200	2.93	232,056
2002	2,000	1,800	34.0	61,200	3.86	236,232
2003	1,850	1,800	58.0	104,400	3.66	382,104
2004	1,700	1,610	55.0	88,550	3.25	287,788
<b>Durum Wheat</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	2	2	51.0	102	2.48	253
2001	2	2	39.0	78	2.85	222
2002	5	4	35.0	140	4.00	560
2003	2	2	58.0	116	4.15	481
2004	1	1	55.0	55	3.40	187
<b>Winter Wheat</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	20	19	46.0	874	2.38	2,080
2001	15	13	29.0	377	2.56	965
2002	35	30	36.0	1,080	3.56	3,845
2003	25	23	42.0	966	3.67	3,545
2004	27	25	40.0	1,000	2.65	2,650
<b>Flaxseed</b>						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	10	9	22.0	198	3.39	671
2001	4	4	13.0	52	4.40	229
2002	5	4	16.0	64	6.50	416
2003	8	7	23.0	161	6.70	1,079
2004	3	3	17.0	51	7.70	393
<b>Sugarbeets</b>						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton 2/</u>	<u>1,000 Dols. 2/</u>
2000	490	430	21.5	9,245	33.70	311,557
2001	468	426	18.3	7,796	40.30	314,179
2002	505	476	18.6	8,854	38.00	336,452
2003	492	487	20.6	10,032	44.20	443,414
2004	486	470	20.9	9,823	NA	NA

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. The marketing year period is July-June for wheat and flaxseed. The sugarbeet price relates to prices received by producers during the harvest period. Prices do not include allowance for CCC loans outstanding, purchases by the government or deficiency payments. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

2/ Excludes Sugar Act payments.

NA = Not Available.

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**CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)**

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
<b>All Sunflowers</b>						
	----- 1,000 Acres -----		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
2000	95	85	1,578	134,150	7.90	11,335
2001	60	56	1,325	74,200	10.90	8,028
2002	70	64	1,295	82,850	12.70	10,501
2003	90	88	1,611	141,800	14.20	19,748
2004	60	53	1,068	56,600	16.30	9,014
<b>Oil Sunflowers</b>						
	----- 1,000 Acres -----		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
2000	55	48	1,600	76,800	6.62	5,084
2001	30	28	1,400	39,200	10.30	4,038
2002	40	37	1,400	51,800	12.00	6,216
2003	55	54	1,650	89,100	12.70	11,316
2004	30	28	1,200	33,600	14.30	4,805
<b>Non-Oil Sunflowers</b>						
	----- 1,000 Acres -----		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
2000	40	37	1,550	57,350	10.90	6,251
2001	30	28	1,250	35,000	11.40	3,990
2002	30	27	1,150	31,050	13.80	4,285
2003	35	34	1,550	52,700	16.00	8,432
2004	30	25	920	23,000	18.30	4,209
<b>Canola</b>						
	----- 1,000 Acres -----		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
2000	140	125	1,480	185,000	NA	NA
2001	80	75	1,180	88,500	8.27	7,319
2002	80	50	890	44,500	10.60	4,717
2003	57	56	1,820	101,920	9.50	9,682
2004	35	32	1,500	48,000	11.10	5,328
<b>All Hay</b>						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
2000	--	2,250	3.04	6,840	59.00	422,730
2001	--	2,150	2.88	6,195	58.00	366,468
2002	--	2,100	2.77	5,810	67.50	403,690
2003	--	2,075	2.53	5,245	66.50	353,355
2004	--	2,000	2.95	5,895	67.00	409,320
<b>Alfalfa Hay</b>						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
2000	--	1,550	3.60	5,580	66.50	371,070
2001	--	1,450	3.50	5,075	62.50	317,188
2002	--	1,400	3.30	4,620	74.50	344,190
2003	--	1,375	3.00	4,125	71.00	292,875
2004	--	1,350	3.50	4,725	74.00	349,650
<b>All Other Hay</b>						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
2000	--	700	1.80	1,260	41.00	51,660
2001	--	700	1.60	1,120	44.00	49,280
2002	--	700	1.70	1,190	50.00	59,500
2003	--	700	1.60	1,120	54.00	60,480
2004	--	650	1.80	1,170	51.00	59,670

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. Marketing years are September-August for sunflowers, July-June for canola, and June-May for hay. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

NA = Not Available

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**CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)**

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
<b>All Dry Edible Beans</b>						
	----- Acres -----		Pounds	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols.
2000	165,000	150,000	1,600	2,400	15.90	38,160
2001	115,000	105,000	1,500	1,575	24.30	38,273
2002	170,000	155,000	1,720	2,666	16.00	42,656
2003	115,000	110,000	1,700	1,870	18.60	34,782
2004	115,000	100,000	1,150	1,150	23.20	26,680
<b>Navy</b>						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	66,000	60,000	1,650	990	--	--
2001	48,000	44,000	1,620	713	--	--
2002	67,000	60,000	1,880	1,128	--	--
2003	36,000	35,000	1,750	612	--	--
2004	40,000	33,000	1,000	330	--	--
<b>Pinto</b>						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	39,000	34,000	1,450	494	--	--
2001	13,000	12,000	1,300	156	--	--
2002	25,000	23,000	1,400	322	--	--
2003	21,000	20,000	1,650	329	--	--
2004	18,000	16,000	1,000	160	--	--
<b>Light Red Kidney</b>						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	10,000	9,600	1,850	178	--	--
2001	8,200	7,700	1,490	115	--	--
2002	7,600	7,400	2,050	152	--	--
2003	10,000	9,400	1,490	140	--	--
2004	7,300	6,900	1,700	117	--	--
<b>Dark Red Kidney</b>						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	32,000	30,000	1,700	510	--	--
2001	31,000	29,000	1,500	435	--	--
2002	42,000	39,000	1,780	694	--	--
2003	27,000	26,000	1,850	480	--	--
2004	30,000	26,400	1,350	356	--	--
<b>Other Dry Edible Beans</b>						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	18,000	16,400	1,390	228	--	--
2001	14,800	12,300	1,270	156	--	--
2002	28,400	25,600	1,450	370	--	--
2003	21,000	19,600	1,580	309	--	--
2004	19,700	17,700	1,060	187	--	--

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. Marketing year is September-August for dry beans. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year. Prices not available by type.

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**CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)**

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
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**Sweet Corn for Processing**

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
2000	136,900	129,400	5.85	756,760	67.30	50,897
2001	132,000	130,200	6.10	794,720	68.80	54,714
2002	148,000	136,900	6.46	884,630	64.60	57,159
2003	142,200	139,400	6.73	938,800	64.50	60,563
2004	138,000	135,400	6.61	894,590	72.50	64,887

**Green Peas for Processing**

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
2000	95,100	86,400	1.62	140,240	322.00	45,204
2001	69,300	67,100	1.42	95,350	337.00	32,091
2002	80,500	74,600	1.32	98,370	319.00	31,362
2003	88,700	81,800	1.93	158,110	288.00	45,524
2004	71,700	68,000	1.46	99,080	294.00	29,106

**Onions**

	----- Acres -----		Cwt.	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols. 3/
2000	300	90	210	19	7.00	63
2001	230	220	330	73	7.35	463
2002	280	250	310	78	7.60	517
2003	280	210	310	65	9.25	509
2004	4/	4/	4/	4/	4/	4/

**Carrots for Processing**

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
2000	1,600	1,300	17.81	23,150	65.10	1,507
2001	1,100	1,000	23.00	23,000	97.60	2,245
2002	900	900	26.00	23,400	70.80	1,657
2003	900	850	24.82	21,100	53.40	1,127
2004	800	160	18.81	3,010	55.50	167

Crop Year	Acreage Planted	Acreage Planted	Utilized Production	Price Per Unit	Farm Value of Utilized Production
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**Commercial Apples**

			Mil. Lbs.	Cents Per Lb.	1,000 Dols.
2000	--	--	17.4	43.2	7,523
2001	--	--	15.5	47.5	7,363
2002	--	--	17.7	50.9	9,008
2003	--	--	19.8	43.6	8,624
2004	--	--	19.9	41.0	8,157

1/ Processing and fresh market commodity prices are available only at harvest. Price for latest year shown is preliminary.

2/ Price per unit for sweet corn, green peas, and carrots for processing includes price received by the producer plus expenses incurred by the processor to get the commodity to the processing plant door.

3/ Value computed on marketed production.

4/ 2004 data not published to avoid disclosure of individual operations.

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**CROPS: Acreage, Yield, Production, Price and Value, Minnesota, 2000-2004 (continued)**

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
<b>All Potatoes</b>						
	----- Acres -----		Cwt.	1,000 Cwt.	Dols per Cwt.	1,000 Dols
2000	66,000	59,000	360	21,240	5.10	108,324
2001	59,000	55,000	335	18,425	5.60	103,180
2002	62,000	57,000	330	18,810	6.00	112,860
2003	60,000	58,000	385	22,330	5.05	112,767
2004	47,000	44,000	430	18,920	5.90	111,628

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings, July-June. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

**POTATO STOCKS: All Positions, Minnesota, 2000-2005**

Marketing Year	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1
			1,000 Cwt.			
2000/2001	14,200	13,000	11,600	10,100	8,100	5,800
2001/2002	12,000	10,800	9,500	7,900	6,100	4,300
2002/2003	12,000	10,500	9,100	7,400	6,100	4,500
2003/2004	14,000	12,400	11,100	9,600	7,600	5,500
2004/2005	13,000	11,600	10,200	8,800	6,500	5,100

**GRAIN STORAGE: Capacity by Storage Position on December 1, Minnesota, 1998-2004**

Year	Facilities	Off Farm 1/ Capacity	On Farm Capacity	Total Capacity
	Number	-----	1,000 Bushels -----	
1998	676	479,460	1,200,000	1,679,460
1999	656	495,500	1,200,000	1,695,500
2000	623	494,500	1,225,000	1,719,500
2001	623	506,500	1,225,000	1,731,500
2002	611	506,500	1,250,000	1,756,500
2003	605	510,000	1,250,000	1,760,000
2004	592	500,000	1,250,000	1,750,000

1/ Includes mills, elevators, warehouses, terminals, and processors.

## OBJECTIVE YIELD: Corn, Soybeans, and Spring Wheat, Minnesota, 2000-2004

The USDA, NASS, Minnesota Field Office conducts objective yield surveys in the state for corn, soybeans, and spring wheat. Randomly selected plots in fields across the state are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual counts from these surveys and are not official estimates of the Agricultural Statistics Board, but are intended to show trends in production practices.

### CORN FOR GRAIN: Plant Population per Acre 1/

Month	2000	2001	2002	2003	2004
	<u>Number of Plants</u>				
September	27,500	28,050	26,950	28,700	29,300
November 2/	27,150	28,000	26,800	28,800	29,250

### CORN FOR GRAIN: Percentage Distributions by Row Width and Average Row Width

Year	Number of Samples	Row Width (Inches) 3/						Average Row Width
		20.5 or Less	20.6-30.5	30.6-34.5	34.6-36.5	36.6-38.5	38.6 & Greater	
	<u>Number</u>	<u>Percent of Plots</u>						<u>Inches</u>
2000	164	2.4	62.3	20.1	6.1	7.3	1.8	30.5
2001	162	2.5	66.7	22.2	3.1	4.3	1.2	29.5
2002	158	1.9	69.5	19.0	3.2	5.1	1.3	30.0
2003	166	4.2	77.7	13.3	1.8	1.8	1.2	29.1
2004	160	1.9	76.2	17.5	1.9	2.5	--	29.2

### SOYBEANS: Pods with Beans per 18 Square Feet 1/

Month	2000	2001	2002	2003	2004
	<u>Number of Pods</u>				
September	1,607	1,492	1,688	1,582	1,487
November	1,507	1,475	1,739	1,440	1,446
Final	1,507	1,475	1,715	1,440	1,435

### SOYBEANS: Percentage Distributions by Row Width and Average Row Width

Year	Number of Samples	Row Width (Inches) 3/					Average Row Width 3/
		10.0 & Less 4/	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
	<u>Number</u>	<u>Percent of Plots</u>					<u>Inches</u>
2000	95	23.7	19.5	12.1	42.6	2.1	20.8
2001	91	14.8	25.8	17.0	41.9	0.5	21.5
2002	103	19.9	24.3	20.9	33.0	1.9	20.2
2003	92	19.6	31.5	10.9	36.9	1.1	19.6
2004	101	20.8	25.2	20.3	30.7	3.0	20.2

### SPRING WHEAT: Heads per Square Foot 1/

Month	2000	2001	2002	2003	2004
	<u>Number of Heads</u>				
September	52.5	49.2	5/	5/	5/
Final	52.5	49.1	50.6	55.9	55.0

1/ Based on counts in plots selected for objective yield samples.

2/ No change between November and final.

3/ Spacings based on row measurements in sample plots selected for objective yield survey.

4/ Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

5/ September forecast discontinued.

**CORN: Biotechnology Varieties by State and United States,  
Percent of All Corn Planted, 2003-2004 1/**

State	Insect Resistant (Bt)		Herbicide Resistant	
	2003	2004	2003	2004
	<u>Percent</u>		<u>Percent</u>	
IL	23	26	4	5
IN	8	11	7	8
IA	33	36	8	10
<b>MN</b>	<b>31</b>	<b>35</b>	<b>15</b>	<b>17</b>
SD	34	28	24	30
WI	21	22	9	14
US	25	27	11	14

State	Stacked Gene Varieties		All Biotech Varieties	
	2003	2004	2003	2004
	<u>Percent</u>		<u>Percent</u>	
IL	1	2	28	33
IN	1	2	16	21
IA	4	8	45	54
<b>MN</b>	<b>7</b>	<b>11</b>	<b>53</b>	<b>63</b>
SD	17	21	75	79
WI	2	2	32	38
US	4	6	40	47

1/ Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). These Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties only include those containing biotech traits for both herbicide and insect resistance.

**SOYBEANS: Biotechnology Varieties by State and United States,  
Percent of All Soybeans Planted, 2003-2004**

State	Herbicide Resistant Only		All Biotech Varieties	
	2003	2004	2003	2004
	<u>Percent</u>		<u>Percent</u>	
IL	77	81	77	81
IN	88	87	88	87
IA	84	89	84	89
<b>MN</b>	<b>79</b>	<b>82</b>	<b>79</b>	<b>82</b>
SD	91	95	91	95
WI	84	82	84	82
US	81	85	81	85

**FLORICULTURE: Flowering, Bedding, and Foliage Plants, Minnesota, 2003-04 1/ 2/ 3/**

Item	Producers		Total Quantity Sold			Value of All Sales at Wholesale	
	2003	2004	Units	2003	2004	2003	2004
	--- Number ---			-----1,000 Units -----		----- 1,000 Dollars -----	
<b>Flowering Potted Plants</b>	--	--		--	--	10,281	10,519
African Violets	7	4	Pots	35	31	74	64
Azaleas, Finished Florist	17	16	Pots	130	103	1,050	860
Chrysanthemums, Florist	14	13	Pots	150	123	652	476
Lilies, Easter	21	19	Pots	221	191	1,061	913
Poinsettias	42	41	Pots	900	840	4,462	4,157
Roses, Potted Flowering	6	5	Pots	26	19	156	126
Spring Flowering Bulbs	18	19	Pots	160	178	687	839
Other	18	16	Pots	400	573	1,687	2,567
<b>Bedding/Garden Plants (Annual)</b>	--	--		--	--	47,550	45,906
Flats							
Begonias	72	72	Flats	61	52	610	537
Geraniums, from Seed	12	13	Flats	26	25	252	227
Impatiens	82	78	Flats	229	220	2,446	2,385
Impatiens, New Guinea	7	10	Flats	6	10	54	114
Marigolds	84	82	Flats	132	125	1,254	1,161
Pansy/Viola	82	83	Flats	134	118	1,329	1,162
Petunias	83	84	Flats	334	359	3,130	3,403
Vegetable Type	75	71	Flats	126	109	1,232	1,113
Other	81	76	Flats	741	617	7,254	5,806
Pots							
Begonias	65	64	Pots	313	263	648	582
Geraniums, from Cuttings	90	89	Pots	1,949	1,910	5,169	5,040
Geraniums, from Seed	32	30	Pots	1,115	1,113	994	1,117
Impatiens	44	46	Pots	210	184	484	421
Impatiens, New Guinea	90	85	Pots	496	444	1,160	1,062
Marigolds	22	21	Pots	19	20	18	19
Pansy/Viola	33	33	Pots	152	154	227	259
Petunias	58	61	Pots	386	358	822	779
Vegetable Type	66	63	Pots	1,123	1,263	1,191	1,098
Other	73	68	Pots	3,706	3,916	7,378	7,955
Hanging Baskets							
Begonias	72	76	Baskets	85	79	677	612
Geraniums, from Cuttings	81	75	Baskets	306	280	2,365	2,136
Geraniums, from Seed	6	8	Baskets	8	11	61	83
Impatiens	80	73	Baskets	127	150	1,002	1,089
Impatiens, New Guinea	73	74	Baskets	105	115	860	941
Pansy/Viola	12	15	Baskets	19	9	123	64
Petunias	75	76	Baskets	148	192	1,113	1,392
Other	74	73	Baskets	664	664	5,524	5,186
<b>Herbaceous Perennials</b>	--	--		--	--	14,394	13,042
Chrysanthemums, Hardy/Garden	69	65	Pots	984	961	2,240	2,147
Hostas	83	82	Pots	486	441	1,882	1,810
Other	85	80	Pots	3,525	3,153	10,272	9,085
<b>Foliage</b>	--	--		--	--	1,265	1,251
Hanging Baskets	22	22	Baskets	102	112	620	687
Potted	9	10		--	--	645	564
<b>Cut Flowers</b>	--	--		--	--	5,245	5,018
Alstroemeria	3	2	Stems	1,360	980	889	640
Chrysanthemums, Pompom	2	2	Bunches	9	8	27	11
Gerbera Daisies	2	2	Stems	204	312	167	217
Gladioli	1	1	Spikes	10	10	3	3
Iris	2	1	Stems	18	3	11	2
Lilies, All	5	4	Stems	342	371	546	500
Lisianthus	1	1	Stems	18	13	18	12
Roses	2	2	Stems	3,560	3,460	2,773	2,851
Snapdragons	3	2	Spikes	271	211	172	175
Tulips	4	3	Stems	1,173	1,222	556	544
Other	5	3		--	--	83	63

1/ Summarized only from producers with \$100,000 or more in annual sales.

2/ Data that are not available because of questionnaire differences between years or published at the U.S. level only are denoted with "--".

3/ Statistical techniques are used to avoid the disclosure of individual operators. Data suppressed by these methods may be published if approval is granted by the operators.

## 2004 SOYBEAN CHEMICAL USAGE

Phosphate was the most commonly used fertilizer on soybeans; it was applied to 26 percent of acreage in the Program States. A total of 1,095.9 million pounds of phosphate were applied to the Program State acreage. Potash was the next most frequently applied fertilizer, with 23 percent of acres planted being treated; a total of 1,733.9 million pounds were applied. Nitrogen had the smallest acreage coverage at only 21 percent of Program State acres.

Herbicides were applied to 97 percent of the Program State acreage though one active ingredient clearly dominated. Glyphosate was used on 87 percent of all the acres treated, 0.73 pounds of glyphosate were applied per acre per application, and 57.7 million total pounds of glyphosate were applied. The next four most widely used active ingredients were chlorimur-ethyl, sulfentrazone, trifluralin and pendimethalin, but their percent of acres treated were much smaller.

Insecticides were used on 4 percent of the Program State acres, but individual active ingredients only covered a maximum of 1 percent of soybean Program State acreage. Fungicides were applied to only 1 percent of the Program State acres; only the active ingredient azoxystrobin was reported.



### SOYBEANS: Acreage, Percent Receiving Fertilizer or Chemicals, Number of Applications, Rates per Application, Selected States, 2004

State	Nitrogen				Phosphate				Potash		Herbicide		Insecticide
	Area Planted	Area Applied	Rate per Application	Area Applied	Rate per Application	Area Applied	Rate per Application	Area Applied	Rate per Application	Area Applied	Area Applied	Area Applied	Area Applied
	1,000 Acres	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent	Percent
IL	9,950	14	1.6	22	18	1.6	66	32	1.6	103	98	1	
IN	5,550	15	1.6	24	25	1.5	58	40	1.5	100	99	2/	
IA	10,200	10	1.6	24	11	1.5	58	15	1.5	71	98	1	
<b>MN</b>	<b>7,300</b>	<b>19</b>	<b>1.7</b>	<b>17</b>	<b>18</b>	<b>1.5</b>	<b>39</b>	<b>16</b>	<b>1.6</b>	<b>46</b>	<b>98</b>	<b>2/</b>	
<b>Total 3/</b>	<b>61,150</b>	<b>21</b>	<b>1.5</b>	<b>18</b>	<b>26</b>	<b>1.5</b>	<b>47</b>	<b>23</b>	<b>1.5</b>	<b>81</b>	<b>97</b>	<b>4</b>	

1/ Refers to acres receiving one or more applications of a specific fertilizer or chemical.

2/ Data not published due to insufficient number of reports.

3/ Refers to eleven major soybean states including: AR, IL, IN, IA, KS, MN, MO, NE, ND, OH, and SD.

### SOYBEANS: Frequency and Extent of Chemical Usage By Active Ingredient, Minnesota, 2004 1/

Ingredient	Area Applied 2/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Pounds per Acre	Pounds per Acre	1,000 Pounds
<b>Herbicides</b>					
Clethodim	3	1.1	0.15	0.16	38
Cloransulam-methyl	5	1.1	0.03	0.03	12
Fomesafem	3	1.2	0.17	0.20	41
Glyphosate	83	1.6	0.72	1.11	6,762
Imazamox	4	1.0	0.02	0.02	7
Imazethapyr	3	1.0	0.04	0.04	9
Pendimethalin	4	1.0	0.80	0.80	235
Sulfosate	2	1.0	1.16	1.16	198
Trifluralin	11	1.0	0.79	0.81	651

1/ Planted acres in 2004 for Minnesota were 7.3 million acres.

2/ Refers to acres receiving one or more applications of a specific chemical.

## 2004 OTHER SPRING WHEAT CHEMICAL USAGE

Nitrogen fertilizer was applied to 93 percent of the 2004 spring wheat planted acreage in the Program States. Spring wheat growers in the Program States applied nitrogen 2.0 times per acre on average, putting down 48 pounds of nitrogen per acre per treatment. Fertilizers with phosphate were applied to 79 percent of the planted acreage and 25 percent of the planted acreage received potash applications.

Spring wheat producers in the states surveyed treated 96 percent of their planted acreage with herbicides. MCPA was the most widely applied herbicide with 46 percent of the planted acreage being treated in the Program States. It was applied at a rate of 0.29 pounds per acre per application. The next four most frequently applied active ingredients were fenoxaprop, glyphosate, 2,4-D, and bromoxynil octanoate.

Insecticides were applied to only 2 percent and fungicides were applied to 20 percent of the other spring wheat acres planted in the Program States.

### SPRING WHEAT: Acreage, Percent Receiving Fertilizer or Chemicals, Number of Applications, Rates per Application, Major States, 2004

State	Area Planted	Nitrogen			Phosphate			Potash			Herbicide	Insecticide
		Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Area Applied 1/
	1,000 Acres	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent
<b>MN</b>	<b>1,700</b>	<b>98</b>	<b>1.6</b>	<b>67</b>	<b>91</b>	<b>1.1</b>	<b>43</b>	<b>54</b>	<b>1.2</b>	<b>32</b>	<b>99</b>	<b>10</b>
MT	3,000	79	1.7	34	69	1.3	26	13	1.4	16	95	2/
ND	6,200	98	2.5	46	86	1.6	32	27	1.5	16	97	2/
<b>Total 3/</b>	<b>13,710</b>	<b>93</b>	<b>2.0</b>	<b>48</b>	<b>79</b>	<b>1.4</b>	<b>33</b>	<b>25</b>	<b>1.4</b>	<b>21</b>	<b>96</b>	<b>2</b>

1/ Refers to acres receiving one or more applications of a specific fertilizer or chemical.

2/ Data not published due to insufficient reports.

3/ Refers to seven major spring wheat states including: ID, MN, MT, ND, OR, SD, and WA.

### OTHER SPRING WHEAT: Frequency and Extent of Usage by Active Ingredient, Minnesota, 2004 1/

Active Ingredient	Area Applied 2/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Lbs. Per Acre	Lbs. Per Acre	1,000 Pounds
<b>Herbicides</b>					
2,4-D	8	1.0	0.55	0.55	76
2,4-DP, Dimeth. Salt	4	1.0	0.37	0.37	25
Acetic acid (2,4-D)	4	1.0	0.44	0.44	32
Bromoxynil	12	1.0	0.29	0.29	60
Bromoxynil octanoate	39	1.0	0.30	0.30	200
Clodinafop-propargil	13	1.0	0.05	0.05	12
Clopyralid	14	1.0	0.08	0.08	18
Dicamba	4	1.0	0.08	0.08	5
Fenoxaprop	30	1.0	0.08	0.08	43
Flucarbazone-sodium	13	1.0	0.02	0.02	5
Fluroxypyr	8	1.0	0.07	0.07	9
Glyphosate	7	1.0	0.63	0.63	75
MCPA	68	1.0	0.34	0.35	403
MCPA, dimethyl. Salt	5	1.0	0.40	0.40	35
Thifensulfuron	15	1.0	0.008	0.008	2
Tribenuron-methyl	9	1.0	0.006	0.006	1
<b>Fungicides</b>					
Pyraclostrobin	13	1.1	0.06	0.06	14
Tebuconazole	33	1.0	0.10	0.10	56

1/ Planted acres in 2004 for Minnesota were 1.7 million acres.

2/ Refers to acres receiving one or more applications of a specific chemical.

**CORN: Acreage Planted for All Purposes, Harvested for Grain, Yield,  
and Production, by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	20,200	25,800	12,900	12,700	101.0	69.0	1,302,900	876,300
Clay	41,700	51,900	36,800	46,100	117.0	104.0	4,305,600	4,794,400
Clearwater	3,600	--	2,000	--	107.0	--	214,000	--
Kittson	5,400	--	3,400	--	115.0	--	391,000	--
Mahnomen	16,300	23,100	14,000	16,200	116.0	68.0	1,624,000	1,101,600
Marshall	7,600	--	4,500	--	112.0	--	504,000	--
Norman	30,000	43,500	26,700	39,500	126.0	89.0	3,364,200	3,515,500
Pennington	1,600	--	1,100	--	107.0	--	117,700	--
Polk	24,000	37,700	21,200	32,400	107.0	76.0	2,268,400	2,462,400
Red Lake	5,500	6,700	3,500	3,600	108.0	49.0	378,000	176,400
Roseau	6,400	--	3,500	--	115.0	--	402,500	--
Combined Counties	--	23,200	--	6,200	--	51.8	--	321,400
<b>Northwest</b>	162,300	211,900	129,600	156,700	114.8	84.5	14,872,300	13,248,000
Beltrami	4,400	--	400	--	68.0	--	27,200	--
Cass	7,800	--	3,500	--	108.0	--	378,000	--
Hubbard	11,800	11,100	10,400	8,100	131.0	89.0	1,362,400	720,900
Combined Counties	1,100	13,800	400	3,900	111.5	67.7	44,600	264,200
<b>North Central</b>	25,100	24,900	14,700	12,000	123.3	82.1	1,812,200	985,100
Combined Counties	100	100	100	100	60.0	60.0	6,000	6,000
<b>Northeast</b>	100	100	100	100	60.0	60.0	6,000	6,000
Big Stone	77,200	80,200	71,000	77,900	117.0	149.0	8,307,000	11,607,100
Chippewa	139,400	143,000	137,300	142,200	153.0	158.0	21,006,900	22,467,600
Douglas	56,600	60,400	48,400	53,300	128.0	128.0	6,195,200	6,822,400
Grant	88,000	95,500	85,900	93,400	137.0	145.0	11,768,300	13,543,000
Lac Qui Parle	157,900	163,200	149,900	158,200	123.0	150.0	18,437,700	23,730,000
Otter Tail	151,700	152,400	130,500	128,100	132.0	118.0	17,226,000	15,115,800
Pope	97,200	98,500	89,900	93,200	140.0	135.0	12,586,000	12,582,000
Stevens	143,100	147,700	135,800	143,600	154.0	148.0	20,913,200	21,252,800
Swift	160,500	173,300	151,300	167,400	143.0	142.0	21,635,900	23,770,800
Traverse	111,100	116,400	108,000	109,100	128.0	149.0	13,824,000	16,255,900
Wilkin	47,200	62,800	45,600	60,700	119.0	127.0	5,426,400	7,708,900
Yellow Medicine	182,800	186,800	175,500	180,500	141.0	158.0	24,745,500	28,519,000
<b>West Central</b>	1,412,700	1,480,200	1,329,100	1,407,600	137.0	144.5	182,072,100	203,375,300
Benton	59,700	64,700	45,100	55,700	118.0	122.0	5,321,800	6,795,400
Carver	61,900	61,400	55,500	56,400	145.0	166.0	8,047,500	9,362,400
Kandiyohi	140,900	145,400	133,600	139,200	151.0	155.0	20,173,600	21,576,000
McLeod	105,300	107,600	101,300	104,400	153.0	156.0	15,498,900	16,286,400
Meeker	111,300	119,800	102,500	114,300	137.0	151.0	14,042,500	17,259,300
Morrison	97,300	98,900	66,700	79,200	85.0	92.0	5,669,500	7,286,400
Renville	246,600	258,000	237,800	254,800	155.0	164.0	36,859,000	41,787,200
Scott	41,100	40,500	38,100	36,800	147.0	170.0	5,600,700	6,256,000
Sherburne	27,800	28,800	24,700	27,300	128.0	141.0	3,161,600	3,849,300
Sibley	135,900	144,600	126,200	137,200	159.0	170.0	20,065,800	23,324,000
Stearns	208,300	214,700	162,500	180,500	122.0	144.0	19,825,000	25,992,000
Todd	73,600	76,600	49,300	61,200	101.0	104.0	4,979,300	6,364,800
Wadena	22,600	24,200	17,600	16,800	105.0	93.0	1,848,000	1,562,400
Wright	77,900	79,800	61,800	71,300	118.0	147.0	7,292,400	10,481,100
<b>Central</b>	1,410,200	1,465,000	1,222,700	1,335,100	137.7	148.4	168,385,600	198,182,700

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**CORN: Acreage Planted for All Purposes, Harvested for Grain, Yield,  
and Production, by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Anoka	8,300	7,800	7,400	7,200	86.0	84.0	636,400	604,800
Carlton	1,600	--	200	--	80.0	--	16,000	--
Chisago	24,200	26,000	18,300	23,200	101.0	115.0	1,848,300	2,668,000
Crow Wing	7,700	9,200	4,000	6,500	90.0	81.0	360,000	526,500
Hennepin	15,900	16,900	13,400	15,600	122.0	151.0	1,634,800	2,355,600
Isanti	32,500	37,300	30,300	36,200	96.0	112.0	2,908,800	4,054,400
Kanabec	16,500	17,000	12,300	13,300	81.0	94.0	996,300	1,250,200
Mille Lacs	23,000	24,700	17,500	20,300	88.0	122.0	1,540,000	2,476,600
Pine	19,700	20,400	11,900	15,000	92.0	118.0	1,094,800	1,770,000
Washington	21,100	22,500	19,800	20,900	120.0	140.0	2,376,000	2,926,000
Combined Counties	1,400	3,100	300	800	82.0	78.5	24,600	62,800
<b>East Central</b>	171,900	184,900	135,400	159,000	99.2	117.6	13,436,000	18,694,900
Cottonwood	175,700	180,700	166,300	174,000	147.0	175.0	24,446,100	30,537,500
Jackson	178,700	182,400	175,600	179,400	152.0	180.0	26,691,200	32,292,000
Lincoln	93,100	96,000	86,000	92,200	142.0	142.0	12,212,000	13,092,400
Lyon	176,500	180,700	170,300	176,600	140.0	160.0	23,842,000	28,256,000
Murray	174,000	183,800	164,500	178,500	144.0	159.0	23,688,000	28,381,500
Nobles	192,600	203,500	184,500	198,800	141.0	166.0	26,014,500	33,000,800
Pipestone	95,900	106,300	90,200	100,100	141.0	143.0	12,718,200	14,314,300
Redwood	233,300	240,400	226,700	235,800	152.0	171.0	34,458,400	40,321,800
Rock	128,100	133,600	119,800	127,800	146.0	158.0	17,490,800	20,192,400
<b>Southwest</b>	1,447,900	1,507,400	1,383,900	1,463,700	145.6	164.2	201,561,200	240,388,700
Blue Earth	178,700	184,800	175,200	182,000	164.0	180.0	28,732,800	32,904,000
Brown	165,300	155,900	152,900	145,000	157.0	180.0	24,005,300	26,100,000
Faribault	197,300	203,400	195,000	201,700	170.0	182.0	33,150,000	36,709,400
Freeborn	173,100	179,700	170,400	177,800	168.0	177.0	28,627,200	31,470,600
Le Sueur	92,400	95,100	87,000	92,800	158.0	172.0	13,746,000	15,691,600
Martin	216,200	218,700	210,000	216,200	170.0	192.0	35,700,000	41,510,400
Nicollet	117,000	121,000	111,200	117,800	172.0	173.0	19,126,400	20,379,400
Rice	80,500	83,300	73,100	76,100	155.0	170.0	11,330,500	12,937,000
Steele	102,600	108,100	98,800	105,100	155.0	169.0	15,314,000	17,761,900
Waseca	117,100	118,900	114,900	115,200	169.0	180.0	19,418,100	20,736,000
Watsonwan	120,300	129,100	118,300	127,500	166.0	190.0	19,637,800	24,225,000
<b>South Central</b>	1,560,500	1,598,000	1,506,800	1,558,000	165.1	180.2	248,788,100	280,695,300
Dakota	91,100	94,200	87,200	91,700	145.0	174.0	12,644,000	15,955,800
Dodge	109,100	109,000	106,100	103,600	158.0	175.0	16,763,800	18,130,000
Fillmore	160,800	160,600	146,800	150,400	153.0	170.0	22,460,400	25,568,000
Goodhue	138,200	143,800	126,400	132,900	155.0	178.0	19,592,000	23,656,200
Houston	56,700	55,900	48,900	49,200	153.0	166.0	7,481,700	8,167,200
Mower	171,300	188,400	164,400	182,400	140.0	169.0	23,016,000	30,825,600
Olmsted	110,100	110,100	102,300	102,400	152.0	173.0	15,549,600	17,715,200
Wabasha	87,700	87,400	78,900	78,800	157.0	176.0	12,387,300	13,868,800
Winona	84,300	78,200	66,700	66,400	151.0	173.0	10,071,700	11,487,200
<b>Southeast</b>	1,009,300	1,027,600	927,700	957,800	150.9	172.7	139,966,500	165,374,000
<b>Minnesota</b>	7,200,000	7,500,000	6,650,000	7,050,000	146.0	159.0	970,900,000	1,120,950,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**CORN FOR SILAGE: Acreage Harvested, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Becker	7,100	8,400	10.3	12.0	73,100	100,800
Clay	3,300	5,400	11.7	12.0	38,600	64,800
Clearwater	1,500	--	9.7	--	14,600	--
Kittson	1,900	--	9.7	--	18,400	--
Mahnomen	2,200	2,300	13.8	9.0	30,400	20,700
Marshall	2,700	--	10.7	--	28,900	--
Norman	2,700	2,400	11.6	9.0	31,300	21,600
Pennington	400	--	10.8	--	4,300	--
Polk	2,600	1,500	10.8	11.0	28,100	16,500
Red Lake	1,900	2,500	11.1	9.0	21,100	22,500
Roseau	2,700	--	10.4	--	28,100	--
Combined Counties	--	9,200	--	7.2	--	66,300
<b>Northwest</b>	29,000	31,700	10.9	9.9	316,900	313,200
Beltrami	3,900	--	13.1	--	51,100	--
Cass	3,900	--	9.0	--	35,100	--
Hubbard	1,300	1,000	11.2	7.0	14,600	7,000
Combined Counties	600	8,900	11.0	9.5	6,600	84,900
<b>North Central</b>	9,700	9,900	11.1	9.3	107,400	91,900
Big Stone	1,600	1,700	10.9	13.0	17,500	22,100
Chippewa	700	500	13.1	14.0	9,200	7,000
Douglas	7,500	6,900	14.2	15.0	106,500	103,500
Grant	1,400	900	14.9	15.0	20,900	13,500
Lac Qui Parle	6,700	4,500	13.2	17.0	88,400	76,500
Otter Tail	19,600	20,500	11.3	13.0	221,500	266,500
Pope	6,000	5,200	13.2	19.0	79,200	98,800
Stevens	6,200	3,800	13.2	17.0	81,800	64,600
Swift	8,000	5,800	15.2	19.0	121,600	110,200
Traverse	1,000	500	11.0	15.0	11,000	7,500
Wilkin	1,200	600	11.4	14.0	13,700	8,400
Yellow Medicine	6,000	6,200	12.9	15.0	77,400	93,000
<b>West Central</b>	65,900	57,100	12.9	15.3	848,700	871,600
Benton	14,100	8,900	10.9	14.0	153,700	124,600
Carver	5,900	4,900	16.4	18.0	96,800	88,200
Kandiyohi	6,200	6,100	16.2	18.0	100,400	109,800
McLeod	3,000	3,100	13.4	16.0	40,200	49,600
Meeker	7,800	5,400	13.6	18.0	106,100	97,200
Morrison	28,300	19,600	12.2	12.0	345,200	235,200
Renville	5,100	3,100	13.9	17.0	70,900	52,700
Scott	2,700	3,600	15.4	20.0	41,600	72,000
Sherburne	2,500	1,400	11.9	11.0	29,800	15,400
Sibley	8,700	7,300	15.9	20.0	138,300	146,000
Stearns	44,100	34,100	13.6	17.0	599,700	579,700
Todd	23,000	15,200	10.0	13.0	230,000	197,600
Wadena	4,400	7,300	10.2	11.0	44,900	80,300
Wright	14,900	8,400	16.0	18.0	238,400	151,200
<b>Central</b>	170,700	128,400	13.1	15.6	2,236,000	1,999,500

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**CORN FOR SILAGE: Acreage Harvested, Yield, and Production,  
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Anoka	700	500	10.1	10.8	7,100	5,400
Carlton	1,300	--	7.5	--	9,800	--
Chisago	5,700	2,700	13.0	14.0	74,100	37,800
Crow Wing	3,500	2,600	8.1	11.0	28,400	28,600
Hennepin	2,300	1,200	9.9	14.5	22,800	17,400
Isanti	1,900	1,000	11.6	15.0	22,000	15,000
Kanabec	4,000	3,600	12.4	14.0	49,600	50,400
Mille Lacs	5,200	4,300	12.8	14.0	66,500	60,200
Pine	7,500	5,200	10.4	12.0	78,000	62,400
Washington	1,100	1,500	12.8	15.0	14,100	22,500
Combined Counties	1,000	1,900	7.9	10.9	7,900	20,700
<b>East Central</b>	34,200	24,500	11.1	13.1	380,300	320,400
Cottonwood	6,200	5,100	15.2	19.0	94,200	96,900
Jackson	1,900	2,900	15.9	18.5	30,200	53,700
Lincoln	6,300	3,700	14.0	16.5	88,200	61,100
Lyon	4,800	4,000	13.6	16.0	65,300	64,000
Murray	8,400	5,100	13.5	15.0	113,400	76,500
Nobles	6,800	4,600	13.8	17.5	93,800	80,500
Pipestone	5,100	6,100	16.7	15.0	85,200	91,500
Redwood	4,900	4,300	16.4	17.0	80,400	73,100
Rock	6,900	5,700	13.8	17.5	95,200	99,700
<b>Southwest</b>	51,300	41,500	14.5	16.8	745,900	697,000
Blue Earth	2,300	1,900	18.6	19.0	42,800	36,100
Brown	11,200	10,600	17.0	19.0	190,400	201,400
Faribault	1,000	1,600	16.4	18.0	16,400	28,800
Freeborn	1,400	1,800	15.8	17.0	22,100	30,600
Le Sueur	3,800	2,200	16.3	18.0	61,900	39,600
Martin	3,200	2,400	17.9	20.0	57,300	48,000
Nicollet	5,000	3,000	19.2	20.0	96,000	60,000
Rice	6,800	7,100	18.2	20.0	123,700	142,000
Steele	3,100	2,900	16.7	17.0	51,800	49,300
Waseca	1,400	3,400	16.8	20.0	23,500	68,000
Watonwan	1,200	1,400	16.4	20.0	19,700	28,000
<b>South Central</b>	40,400	38,300	17.5	19.1	705,600	731,800
Dakota	3,200	2,400	15.5	20.0	49,600	48,000
Dodge	2,300	5,300	17.3	20.0	39,800	106,000
Fillmore	12,900	10,100	17.3	19.0	223,200	191,900
Goodhue	10,900	10,700	18.4	20.0	200,500	214,000
Houston	6,900	6,500	17.7	19.0	122,100	123,500
Mower	5,800	5,900	17.7	20.0	102,700	118,000
Olmsted	7,000	7,500	17.3	21.0	121,100	157,500
Wabasha	7,800	8,500	17.4	20.0	135,700	170,000
Winona	17,000	11,700	18.5	21.0	314,500	245,700
<b>Southeast</b>	73,800	68,600	17.7	20.0	1,309,200	1,374,600
<b>Minnesota</b>	475,000	400,000	14.0	16.0	6,650,000	6,400,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

### SOYBEANS: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	86,800	86,500	86,100	79,700	27.0	14.0	2,324,700	1,115,800
Clay	159,500	170,200	158,700	166,900	29.0	23.0	4,602,300	3,838,700
Clearwater	6,000	10,400	5,900	8,900	28.0	14.0	165,200	124,600
Kittson	78,000	92,400	77,800	48,900	32.0	15.0	2,489,600	733,500
Mahnomen	55,700	58,600	55,500	52,600	29.0	12.0	1,609,500	631,200
Marshall	167,400	176,400	166,800	104,600	28.0	7.0	4,670,400	732,200
Norman	168,400	173,300	164,500	168,000	30.0	14.0	4,935,000	2,352,000
Pennington	85,100	79,700	84,800	57,600	27.0	7.0	2,289,600	403,200
Polk	280,400	282,400	279,500	266,200	30.0	13.0	8,385,000	3,460,600
Red Lake	68,000	67,000	67,800	64,900	28.0	13.0	1,898,400	843,700
Roseau	41,100	26,100	39,200	6,000	30.0	10.0	1,176,000	60,000
<b>Northwest</b>	1,196,400	1,223,000	1,186,600	1,024,300	29.1	14.0	34,545,700	14,295,500
Beltrami	3,600	--	3,500	--	25.0	--	87,500	--
Cass	1,500	--	1,400	--	36.0	--	50,400	--
Hubbard	3,800	5,900	3,700	5,500	36.0	14.0	133,200	77,000
Koochiching	1,700	--	1,600	--	26.0	--	41,600	--
Lake of the Woods	--	2,200	--	800	--	15.0	--	12,000
Combined Counties	2,000	12,300	1,900	10,700	29.8	7.3	56,700	77,700
<b>North Central</b>	12,600	20,400	12,100	17,000	30.5	9.8	369,400	166,700
Big Stone	113,900	110,900	111,000	110,700	27.0	34.0	2,997,000	3,763,800
Chippewa	121,500	118,100	120,600	117,900	35.0	36.0	4,221,000	4,244,400
Douglas	73,400	71,000	72,300	70,500	25.0	29.0	1,807,500	2,044,500
Grant	120,800	110,900	119,800	110,600	31.0	34.0	3,713,800	3,760,400
Lac Qui Parle	173,200	168,600	172,600	168,100	29.0	32.0	5,005,400	5,379,200
Otter Tail	142,500	135,500	141,700	134,100	30.0	26.0	4,251,000	3,486,600
Pope	88,700	84,900	87,400	84,700	30.0	33.0	2,622,000	2,795,100
Stevens	136,800	132,200	136,300	131,300	34.0	33.0	4,634,200	4,332,900
Swift	152,900	144,900	151,800	144,700	31.0	30.0	4,705,800	4,341,000
Traverse	141,200	140,500	138,700	129,800	31.0	33.0	4,299,700	4,283,400
Wilkin	143,500	145,300	142,800	140,900	30.0	28.0	4,284,000	3,945,200
Yellow Medicine	179,800	175,600	179,100	172,500	33.0	35.0	5,910,300	6,037,500
<b>West Central</b>	1,588,200	1,538,400	1,574,100	1,515,800	30.8	31.9	48,451,700	48,414,000
Benton	30,300	30,200	30,000	30,000	24.0	31.0	720,000	930,000
Carver	43,200	42,600	43,000	42,400	31.0	39.0	1,333,000	1,653,600
Kandiyohi	123,300	118,700	122,600	118,400	31.0	35.0	3,800,600	4,144,000
McLeod	94,300	89,700	93,900	88,000	28.0	35.0	2,629,200	3,080,000
Meeker	117,000	107,300	116,100	107,000	25.0	35.0	2,902,500	3,745,000
Morrison	22,500	26,200	22,400	25,800	23.0	28.0	515,200	722,400
Renville	224,900	217,900	223,200	217,500	33.0	34.0	7,365,600	7,395,000
Scott	36,300	32,700	36,100	32,500	31.0	38.0	1,119,100	1,235,000
Sherburne	18,900	18,600	18,500	18,400	25.0	32.0	462,500	588,800
Sibley	120,200	117,500	119,400	116,700	30.0	38.0	3,582,000	4,434,600
Stearns	99,400	97,600	98,900	97,400	26.0	35.0	2,571,400	3,409,000
Todd	40,000	41,100	39,800	40,600	22.0	27.0	875,600	1,096,200
Wadena	6,100	7,200	6,000	7,100	27.0	27.0	162,000	191,700
Wright	79,100	74,400	77,900	74,000	24.0	36.0	1,869,600	2,664,000
<b>Central</b>	1,055,500	1,021,700	1,047,800	1,015,800	28.5	34.7	29,908,300	35,289,300

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**SOYBEANS: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Aitkin	3,800	--	3,700	--	34.0	--	125,800	--
Anoka	5,300	3,900	5,200	3,800	18.0	19.0	93,600	72,200
Chisago	24,900	22,000	24,800	21,800	24.0	25.0	595,200	545,000
Hennepin	16,600	14,700	16,500	14,600	28.0	33.0	462,000	481,800
Isanti	31,600	27,800	31,400	27,600	19.0	22.0	596,600	607,200
Kanabec	9,900	9,600	9,800	9,500	18.0	22.0	176,400	209,000
Mille Lacs	12,800	13,000	12,700	12,900	20.0	30.0	254,000	387,000
Pine	10,600	9,800	10,500	9,700	23.0	31.0	241,500	300,700
Washington	15,300	13,800	15,200	13,700	20.0	29.0	304,000	397,300
Combined Counties	800	3,200	800	3,000	30.5	25.4	24,400	76,300
<b>East Central</b>	131,600	117,800	130,600	116,600	22.0	26.4	2,873,500	3,076,500
Cottonwood	165,200	157,600	164,500	157,400	35.0	41.0	5,757,500	6,453,400
Jackson	175,300	169,200	174,600	169,000	39.0	39.0	6,809,400	6,591,000
Lincoln	95,400	97,000	95,000	96,800	32.0	35.0	3,040,000	3,388,000
Lyon	170,000	161,700	169,200	161,300	34.0	38.0	5,752,800	6,129,400
Murray	171,700	164,100	171,000	163,800	36.0	37.0	6,156,000	6,060,600
Nobles	188,900	179,700	188,000	178,500	37.0	40.0	6,956,000	7,140,000
Pipestone	100,000	91,500	99,600	91,300	36.0	34.0	3,585,600	3,104,200
Redwood	218,700	213,100	217,800	212,700	34.0	39.0	7,405,200	8,295,300
Rock	121,000	117,300	120,400	117,100	39.0	42.0	4,695,600	4,918,200
<b>Southwest</b>	1,406,200	1,351,200	1,400,100	1,347,900	35.8	38.6	50,158,100	52,080,100
Blue Earth	171,400	165,500	170,700	164,700	35.0	44.0	5,974,500	7,246,800
Brown	147,800	127,700	147,200	127,400	35.0	41.0	5,152,000	5,223,400
Faribault	174,400	171,000	173,800	169,800	37.0	42.0	6,430,600	7,131,600
Freeborn	158,800	157,500	158,100	155,400	36.0	39.0	5,691,600	6,060,600
Le Sueur	83,400	81,900	82,900	81,700	34.0	40.0	2,818,600	3,268,000
Martin	191,500	186,300	190,500	183,700	37.0	42.0	7,048,500	7,715,400
Nicollet	95,400	92,400	95,000	92,200	34.0	38.0	3,230,000	3,503,600
Rice	67,300	66,000	67,000	65,800	32.0	40.0	2,144,000	2,632,000
Steele	91,000	87,000	90,600	86,000	31.0	38.0	2,808,600	3,268,000
Waseca	98,600	98,000	98,200	97,200	36.0	42.0	3,535,200	4,082,400
Watonwan	111,600	110,800	110,800	110,500	36.0	44.0	3,988,800	4,862,000
<b>South Central</b>	1,391,200	1,344,100	1,384,800	1,334,400	35.3	41.2	48,822,400	54,993,800
Dakota	67,800	64,000	67,100	63,800	31.0	39.0	2,080,100	2,488,200
Dodge	94,300	91,800	93,800	91,500	33.0	41.0	3,095,400	3,751,500
Fillmore	101,100	98,200	100,700	97,400	33.0	41.0	3,323,100	3,993,400
Goodhue	100,600	94,300	100,200	94,100	34.0	41.0	3,406,800	3,858,100
Houston	27,900	27,500	27,100	27,300	35.0	45.0	948,500	1,228,500
Mower	177,200	162,600	176,600	159,700	30.0	40.0	5,298,000	6,388,000
Olmsted	75,500	77,700	75,000	77,500	34.0	41.0	2,550,000	3,177,500
Wabasha	41,500	36,800	41,200	36,600	35.0	44.0	1,442,000	1,610,400
Winona	32,400	30,500	32,200	30,300	35.0	45.0	1,127,000	1,363,500
<b>Southeast</b>	718,300	683,400	713,900	678,200	32.6	41.1	23,270,900	27,859,100
<b>Minnesota</b>	7,500,000	7,300,000	7,450,000	7,050,000	32.0	33.5	238,400,000	236,175,000

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**ALL WHEAT: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	58,400	56,000	57,100	54,000	55.0	57.0	3,140,500	3,078,000
Clay	157,600	140,500	154,000	135,900	58.0	61.0	8,932,000	8,289,900
Clearwater	6,600	4,100	6,400	4,000	43.5	49.0	278,100	196,000
Kittson	177,400	156,000	173,300	142,100	59.7	53.6	10,354,600	7,617,500
Mahnomen	30,000	25,000	29,300	24,100	54.0	57.0	1,582,200	1,373,700
Marshall	223,300	211,800	217,900	196,100	62.0	48.8	13,509,800	9,569,900
Norman	156,200	142,900	152,400	137,600	57.0	60.0	8,686,800	8,256,000
Pennington	66,100	64,100	64,400	61,900	55.6	47.7	3,581,700	2,953,600
Polk	297,000	280,700	289,300	269,300	60.0	57.9	17,358,000	15,587,400
Red Lake	53,200	52,700	52,000	51,000	57.4	56.0	2,984,500	2,856,000
Roseau	127,500	89,700	124,200	72,500	57.1	36.6	7,095,600	2,655,000
Combined Counties	4,800	4,300	4,600	4,100	48.4	39.4	222,500	161,600
<b>Northwest</b>	1,358,100	1,227,800	1,324,900	1,152,600	58.7	54.3	77,726,300	62,594,600
Beltrami	6,400	3,600	6,300	3,200	60.0	34.0	378,000	108,800
Hubbard	1,600	2,400	1,500	2,300	47.0	40.0	70,500	92,000
Koochiching	1,400	--	1,300	--	46.0	--	59,800	--
Lake of the Woods	17,000	12,400	16,700	11,500	50.0	41.0	835,000	471,500
Combined Counties	500	2,000	500	1,900	47.0	45.1	23,500	85,600
<b>North Central</b>	26,900	20,400	26,300	18,900	52.0	40.1	1,366,800	757,900
Combined Counties	100	100	100	100	32.0	33.0	3,200	3,300
<b>Northeast</b>	100	100	100	100	32.0	33.0	3,200	3,300
Big Stone	35,700	31,100	33,000	30,300	58.0	58.0	1,914,000	1,757,400
Chippewa	2,700	3,500	2,600	3,400	57.0	60.0	148,200	204,000
Douglas	17,200	15,100	16,800	14,700	54.0	55.0	907,200	808,500
Grant	42,100	36,000	41,200	35,000	56.0	61.0	2,307,200	2,135,000
Lac Qui Parle	14,400	14,000	14,100	13,600	56.0	63.0	789,600	856,800
Otter Tail	61,200	56,400	59,600	54,800	54.0	54.0	3,218,400	2,959,200
Pope	9,900	10,200	9,700	9,900	49.0	50.0	475,300	495,000
Stevens	21,000	19,800	20,500	18,700	58.0	57.0	1,189,000	1,065,900
Swift	8,300	10,800	8,100	10,500	55.0	65.0	445,500	682,500
Traverse	41,700	38,200	40,600	37,200	58.0	62.0	2,354,800	2,306,400
Wilkin	141,100	132,900	134,100	128,800	57.0	57.0	7,643,700	7,341,600
Yellow Medicine	14,300	13,600	14,000	13,200	58.0	60.0	812,000	792,000
Combined Counties	--	3,100	--	3,000	--	50.0	--	150,000
<b>West Central</b>	409,600	384,700	394,300	373,100	56.3	57.8	22,204,900	21,554,300
Carver	1,500	1,100	1,400	1,000	49.0	56.0	68,600	56,000
Kandiyohi	4,900	5,500	4,800	5,300	50.0	60.0	240,000	318,000
McLeod	3,200	3,500	3,100	3,400	56.0	53.0	173,600	180,200
Meeker	3,500	4,000	3,400	3,900	50.0	51.0	170,000	198,900
Renville	5,700	6,200	5,500	6,000	59.0	56.0	324,500	336,000
Sibley	2,600	2,400	2,500	2,300	50.0	52.0	125,000	119,600
Stearns	4,300	6,900	4,200	6,700	52.0	51.0	218,400	341,700
Todd	4,000	4,300	3,900	4,200	41.0	54.0	159,900	226,800
Wright	2,900	4,400	2,800	4,300	40.0	51.0	112,000	219,300
Combined Counties	5,900	6,300	5,700	6,000	43.0	47.8	245,000	286,500
<b>Central</b>	38,500	44,600	37,300	43,100	49.2	53.0	1,837,000	2,283,000

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**ALL WHEAT: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Kanabec	1,200	--	1,100	--	50.0	--	55,000	--
Combined Counties	2,600	7,600	2,500	7,200	39.9	42.5	99,800	306,100
<b>East Central</b>	3,800	7,600	3,600	7,200	43.0	42.5	154,800	306,100
Cottonwood	1,500	1,600	1,400	1,500	61.0	48.0	85,400	72,000
Lincoln	11,900	11,200	11,800	10,900	64.0	60.0	755,200	654,000
Lyon	3,700	4,200	3,600	4,100	62.0	58.0	223,200	237,800
Murray	1,000	--	900	--	55.0	--	49,500	--
Pipestone	--	1,100	--	1,000	--	52.0	--	52,000
Redwood	2,900	3,400	2,800	3,300	59.0	47.0	165,200	155,100
Combined Counties	2,400	2,300	2,400	2,300	60.4	50.0	144,900	115,000
<b>Southwest</b>	23,400	23,800	22,900	23,100	62.2	55.7	1,423,400	1,285,900
Brown	2,000	2,700	1,900	2,600	52.0	54.0	98,800	140,400
Le Sueur	1,600	1,100	1,500	900	51.0	54.0	76,500	48,600
Nicollet	1,200	1,100	1,100	1,000	52.0	48.0	57,200	48,000
Combined Counties	5,200	6,300	5,100	6,100	52.5	48.2	268,000	294,100
<b>South Central</b>	10,000	11,200	9,600	10,600	52.1	50.1	500,500	531,100
Dakota	--	1,400	--	1,300	--	44.0	--	57,020
Combined Counties	3,600	3,200	3,400	3,100	48.0	35.6	163,200	110,400
<b>Southeast</b>	3,600	4,600	3,400	4,400	48.0	38.1	163,200	167,600
<b>Combined Districts</b>	3,000	3,200	2,600	2,900	39.2	41.8	101,900	121,200
<b>Minnesota</b>	1,877,000	1,728,000	1,825,000	1,636,000	57.8	54.8	105,482,000	89,605,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



**SPRING WHEAT: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	58,400	56,000	57,100	54,000	55.0	57.0	3,140,500	3,078,000
Clay	157,600	140,500	154,000	135,900	58.0	61.0	8,932,000	8,289,900
Clearwater	5,600	4,100	5,500	4,000	45.0	49.0	247,500	196,000
Kittson	174,100	151,300	170,200	137,800	60.0	54.0	10,212,000	7,441,200
Mahnomen	30,000	25,000	29,300	24,100	54.0	57.0	1,582,200	1,373,700
Marshall	223,300	210,100	217,900	194,600	62.0	49.0	13,509,800	9,535,400
Norman	156,200	142,900	152,400	137,600	57.0	60.0	8,686,800	8,256,000
Pennington	64,000	62,900	62,500	60,800	56.0	48.0	3,500,000	2,918,400
Polk	297,000	278,600	289,300	267,300	60.0	58.0	17,358,000	15,503,400
Red Lake	51,000	52,700	49,900	51,000	58.0	56.0	2,894,200	2,856,000
Roseau	121,600	86,900	118,800	70,000	58.0	37.0	6,890,400	2,590,000
<b>Northwest</b>	1,338,800	1,211,000	1,306,900	1,137,100	58.9	54.6	76,953,400	62,038,000
Beltrami	6,400	3,600	6,300	3,200	60.0	34.0	378,000	108,800
Hubbard	1,600	2,400	1,500	2,300	47.0	40.0	70,500	92,000
Koochiching	1,400	--	1,300	--	46.0	--	59,800	--
Lake of the Woods	17,000	12,400	16,700	11,500	50.0	41.0	835,000	471,500
Combined Counties	500	2,000	500	1,900	47.0	45.1	23,500	85,600
<b>North Central</b>	26,900	20,400	26,300	18,900	52.0	40.1	1,366,800	757,900
Combined Counties	100	100	100	100	32.0	33.0	3,200	3,300
<b>Northeast</b>	100	100	100	100	32.0	33.0	3,200	3,300
Big Stone	35,700	31,100	33,000	30,300	58.0	58.0	1,914,000	1,757,400
Chippewa	2,700	3,500	2,600	3,400	57.0	60.0	148,200	204,000
Douglas	17,200	15,100	16,800	14,700	54.0	55.0	907,200	808,500
Grant	42,100	36,000	41,200	35,000	56.0	61.0	2,307,200	2,135,000
Lac Qui Parle	14,400	14,000	14,100	13,600	56.0	63.0	789,600	856,800
Otter Tail	61,200	56,400	59,600	54,800	54.0	54.0	3,218,400	2,959,200
Pope	9,900	10,200	9,700	9,900	49.0	50.0	475,300	495,000
Stevens	21,000	19,800	20,500	18,700	58.0	57.0	1,189,000	1,065,900
Swift	8,300	10,800	8,100	10,500	55.0	65.0	445,500	682,500
Traverse	41,700	38,200	40,600	37,200	58.0	62.0	2,354,800	2,306,400
Wilkin	141,100	132,900	134,100	128,800	57.0	57.0	7,643,700	7,341,600
Yellow Medicine	14,300	13,600	14,000	13,200	58.0	60.0	812,000	792,000
<b>West Central</b>	409,600	381,600	394,300	370,100	56.3	57.8	22,204,900	21,404,300
Carver	1,500	1,100	1,400	1,000	49.0	56.0	68,600	56,000
Kandiyohi	4,900	5,500	4,800	5,300	50.0	60.0	240,000	318,000
McLeod	3,200	3,500	3,100	3,400	56.0	53.0	173,600	180,200
Meeker	3,500	4,000	3,400	3,900	50.0	51.0	170,000	198,900
Renville	5,700	6,200	5,500	6,000	59.0	56.0	324,500	336,000
Sibley	2,600	2,400	2,500	2,300	50.0	52.0	125,000	119,600
Stearns	4,300	6,900	4,200	6,700	52.0	51.0	218,400	341,700
Todd	4,000	4,300	3,900	4,200	41.0	54.0	159,900	226,800
Wright	2,900	4,400	2,800	4,300	40.0	51.0	112,000	219,300
Combined Counties	2,500	3,100	2,500	3,000	39.1	47.5	97,800	142,500
<b>Central</b>	35,100	41,400	34,100	40,100	49.6	53.3	1,689,800	2,139,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**SPRING WHEAT: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Kanabec	1,200	--	1,100	--	50.0	--	55,000	--
Combined Counties	2,600	7,600	2,500	7,200	39.9	42.5	99,800	306,100
<b>East Central</b>	3,800	7,600	3,600	7,200	43.0	42.5	154,800	306,100
Cottonwood	1,500	1,600	1,400	1,500	61.0	48.0	85,400	72,000
Lincoln	11,900	11,200	11,800	10,900	64.0	60.0	755,200	654,000
Lyon	3,700	4,200	3,600	4,100	62.0	58.0	223,200	237,800
Murray	1,000	--	900	--	55.0	--	49,500	--
Pipestone	--	1,100	--	1,000	--	52.0	--	52,000
Redwood	2,900	3,400	2,800	3,300	59.0	47.0	165,200	155,100
Combined Counties	2,400	2,300	2,400	2,300	60.4	50.0	144,900	115,000
<b>Southwest</b>	23,400	23,800	22,900	23,100	62.2	55.7	1,423,400	1,285,900
Brown	2,000	2,700	1,900	2,600	52.0	54.0	98,800	140,400
Le Sueur	1,600	1,100	1,500	900	51.0	54.0	76,500	48,600
Nicollet	1,200	1,100	1,100	1,000	52.0	48.0	57,200	48,000
Combined Counties	3,900	4,600	3,900	4,500	53.3	46.9	208,000	210,900
<b>South Central</b>	8,700	9,500	8,400	9,000	52.4	49.8	440,500	447,900
Dakota	--	1,400	--	1,300	--	44.0	--	57,200
Combined Counties	3,600	3,200	3,400	3,100	48.0	35.6	163,200	110,400
<b>Southeast</b>	3,600	4,600	3,400	4,400	48.0	38.1	163,200	167,600
<b>Minnesota</b>	1,850,000	1,700,000	1,800,000	1,610,000	58.0	55.0	104,400,000	88,550,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**CANOLA: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Pounds ----		----- Pounds -----	
Kittson	2,400	2,100	2,400	2,100	1,800	1,760	4,320,000	3,696,000
Marshall	11,400	9,300	10,800	9,200	1,930	1,400	20,844,000	12,880,000
Pennington	1,500	1,500	1,500	1,400	1,900	1,730	2,850,000	2,422,000
Roseau	29,400	16,500	29,200	13,800	1,700	1,450	49,640,000	20,010,000
Combined Counties	1,500	1,600	1,500	1,600	1,851	1,636	2,777,000	2,617,000
<b>Northwest</b>	46,200	31,000	45,400	28,100	1,772	1,481	80,431,000	41,625,000
Lake of the Woods	5,900	2,700	5,800	2,600	2,030	1,750	11,774,000	4,550,000
Combined Counties	4,400	800	4,300	800	2,014	1,331	8,660,000	1,065,000
<b>North Central</b>	10,300	3,500	10,100	3,400	2,023	1,651	20,434,000	5,615,000
<b>Combined Districts</b>	500	500	500	500	2,110	1,520	1,055,000	760,000
<b>Minnesota</b>	57,000	35,000	56,000	32,000	1,820	1,500	101,920,000	48,000,000

1/ County data published in combined counties of districts to avoid disclosure of individual operations.

**OATS: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and Data 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	6,800	6,700	5,100	4,100	63.0	52.0	321,300	213,200
Clay	2,400	2,100	2,100	1,400	74.0	69.0	155,400	96,600
Clearwater	5,700	6,000	4,100	2,500	73.0	59.0	299,300	147,500
Kittson	7,400	5,100	7,000	1,600	78.0	62.0	546,000	99,200
Mahnomen	3,000	2,300	2,200	1,000	81.0	83.0	178,200	83,000
Marshall	6,800	3,500	6,600	2,200	77.0	52.0	508,200	114,400
Norman	2,000	1,400	1,900	1,000	79.0	75.0	150,100	75,000
Pennington	5,000	2,200	4,800	1,800	69.0	51.0	331,200	91,800
Polk	4,700	3,800	4,200	1,900	73.0	68.0	306,600	129,200
Red Lake	2,400	1,600	1,900	1,000	78.0	75.0	148,200	75,000
Roseau	13,500	5,800	13,100	1,200	89.0	45.0	1,165,900	54,000
<b>Northwest</b>	59,700	40,500	53,000	19,700	77.6	59.8	4,110,400	1,178,900
Beltrami	10,100	7,200	5,600	4,200	69.0	57.0	386,400	239,400
Cass	2,400	3,400	400	900	49.0	49.0	19,600	44,100
Hubbard	4,600	3,300	1,900	1,100	51.0	45.0	96,900	49,500
Itasca	1,500	1,700	700	1,100	63.0	64.0	44,100	70,400
Koochiching	2,300	--	1,400	--	63.0	--	88,200	--
Lake of the Woods	3,100	--	2,500	--	65.0	--	162,500	--
Combined Counties	--	1,900	--	1,000	--	36.0	--	36,000
<b>North Central</b>	24,000	17,500	12,500	8,300	63.8	52.9	797,700	439,400
St. Louis	2,800	3,400	1,700	1,900	54.0	57.0	91,800	108,300
<b>Northeast</b>	2,800	3,400	1,700	1,900	54.0	57.0	91,800	108,300
Chippewa	1,700	--	1,500	--	88.0	--	132,000	--
Douglas	5,700	5,600	4,100	4,500	74.0	81.0	303,400	364,500
Lac Qui Parle	1,400	1,200	900	700	81.0	61.0	72,900	42,700
Otter Tail	23,800	22,900	20,900	15,800	63.0	58.0	1,316,700	916,400
Pope	4,800	4,300	4,100	2,500	71.0	69.0	291,100	172,500
Swift	2,800	1,700	2,600	1,300	78.0	85.0	202,800	110,500
Yellow Medicine	1,600	1,200	1,200	700	86.0	69.0	103,200	48,300
Combined Counties	2,600	2,700	2,300	1,800	72.6	76.9	166,900	138,500
<b>West Central</b>	44,400	39,600	37,600	27,300	68.9	65.7	2,589,000	1,793,400
Benton	7,300	5,300	3,500	3,900	50.0	66.0	175,000	257,400
Carver	2,800	3,200	1,800	2,200	74.0	80.0	133,200	176,000
Kandiyohi	6,100	4,200	2,600	2,800	77.0	77.0	200,200	215,600
McLeod	2,500	2,300	2,100	1,600	71.0	69.0	149,100	110,400
Meeker	3,600	3,300	3,100	2,600	79.0	75.0	244,900	195,000
Morrison	9,800	10,200	8,800	6,400	52.0	67.0	457,600	428,800
Renville	1,600	1,800	1,000	800	85.0	74.0	85,000	59,200
Scott	2,500	2,400	2,200	1,300	67.0	79.0	147,400	102,700
Sherburne	1,500	1,100	500	500	50.0	65.0	25,000	32,500
Sibley	1,800	1,700	1,400	1,100	76.0	80.0	106,400	88,000
Stearns	26,900	24,400	23,600	20,100	69.0	85.0	1,628,400	1,708,500
Todd	14,700	16,600	9,800	10,200	56.0	73.0	548,800	744,600
Wadena	5,900	6,400	4,400	4,600	59.0	65.0	259,600	299,000
Wright	5,300	4,500	3,200	2,800	73.0	79.0	233,600	221,200
<b>Central</b>	92,300	87,400	68,000	60,900	64.6	76.2	4,394,200	4,638,900

1/ County data published in combined counties of districts to avoid disclosure of individual operations.

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**OATS: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04 (continued)**

County and Data 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Aitkin	1,200	1,100	400	700	47.0	37.0	18,800	25,900
Chisago	1,400	1,900	500	800	42.0	63.0	21,000	50,400
Crow Wing	3,300	3,800	1,700	2,100	51.0	52.0	86,700	109,200
Hennepin	1,100	1,200	700	700	55.0	65.0	38,500	45,500
Isanti	1,000	1,400	700	1,000	48.0	62.0	33,600	62,000
Kanabec	2,300	2,200	1,400	1,500	58.0	63.0	81,200	94,500
Mille Lacs	2,900	3,000	1,000	1,900	49.0	71.0	49,000	134,900
Pine	4,300	4,900	1,800	3,000	48.0	51.0	86,400	153,000
Washington	1,400	1,300	1,100	900	50.0	55.0	55,000	49,500
Combined Counties	1,000	1,200	500	600	55.4	45.8	27,700	27,500
<b>East Central</b>	19,900	22,000	9,800	13,200	50.8	57.0	497,900	752,400
Cottonwood	1,400	1,000	1,300	800	73.0	64.0	94,900	51,200
Jackson	1,000	1,000	900	700	69.0	81.0	62,100	56,700
Lincoln	3,100	2,000	2,800	1,300	89.0	90.0	249,200	117,000
Lyon	1,900	1,600	1,800	1,100	87.0	79.0	156,600	86,900
Murray	4,900	3,100	4,700	2,300	91.0	83.0	427,700	190,900
Nobles	2,900	1,900	2,600	1,200	92.0	90.0	239,200	108,000
Pipestone	3,900	2,900	2,700	1,800	87.0	70.0	234,900	126,000
Redwood	1,500	1,200	1,300	800	85.0	80.0	110,500	64,000
Rock	2,500	1,900	2,100	1,400	92.0	96.0	193,200	134,400
<b>Southwest</b>	23,100	16,600	20,200	11,400	87.5	82.0	1,768,300	935,100
Blue Earth	1,000	1,300	700	800	68.0	79.0	47,600	63,200
Brown	3,000	2,700	2,900	2,000	77.0	94.0	223,300	188,000
Faribault	1,000	--	900	--	81.0	--	72,900	--
Freeborn	1,500	1,400	1,300	1,200	69.0	71.0	89,700	85,200
Le Sueur	1,300	1,000	1,000	600	80.0	65.0	80,000	39,000
Martin	1,300	1,100	1,200	1,000	79.0	87.0	94,800	87,000
Nicollet	1,900	1,500	1,700	1,000	84.0	70.0	142,800	70,000
Rice	3,000	3,100	2,300	2,500	73.0	69.0	167,900	172,500
Steele	1,800	2,000	1,700	1,300	79.0	64.0	134,300	83,200
Combined Counties	1,400	2,300	900	1,700	74.0	80.2	66,600	136,300
<b>South Central</b>	17,200	16,400	14,600	12,100	76.7	76.4	1,119,900	924,400
Dakota	2,200	2,000	2,000	1,000	67.0	59.0	134,000	59,000
Dodge	3,100	2,800	2,000	1,200	80.0	70.0	160,000	84,000
Fillmore	11,100	11,900	9,000	6,400	80.0	73.0	720,000	467,200
Goodhue	9,400	9,800	6,600	4,500	66.0	76.0	435,600	342,000
Houston	8,500	9,400	5,000	4,800	68.0	65.0	340,000	312,000
Mower	2,800	2,600	2,300	1,800	69.0	78.0	158,700	140,400
Olmsted	6,600	6,600	4,900	4,500	67.0	67.0	328,300	301,500
Wabasha	10,900	9,900	9,500	5,900	74.0	79.0	703,000	466,100
Winona	12,000	11,600	6,300	5,100	74.0	70.0	466,200	357,000
<b>Southeast</b>	66,600	66,600	47,600	35,200	72.4	71.9	3,445,800	2,529,200
<b>Minnesota</b>	350,000	310,000	265,000	190,000	71.0	70.0	18,815,000	13,300,000

1/ County data published in combined counties of districts to avoid disclosure of individual operations.

**ALL HAY: Acreage Harvested, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Becker	45,400	41,700	2.3	2.3	106,300	94,800
Clay	27,900	26,100	2.9	2.7	81,400	70,000
Clearwater	49,600	45,300	2.0	1.9	98,700	86,200
Kittson	27,900	25,800	2.5	1.9	69,900	49,600
Mahnomen	18,800	17,600	2.3	2.6	43,000	45,900
Marshall	33,300	34,600	2.0	2.7	66,700	93,900
Norman	14,000	13,700	2.7	2.8	37,400	38,900
Pennington	28,600	29,500	2.6	2.8	73,200	83,800
Polk	36,200	34,400	2.3	2.2	83,800	76,000
Red Lake	15,900	15,500	2.8	2.8	44,300	43,400
Roseau	54,600	52,700	2.2	2.3	121,800	119,700
<b>Northwest</b>	352,200	336,900	2.3	2.4	826,500	802,200
Beltrami	53,500	56,400	1.8	2.0	98,400	113,100
Cass	54,500	51,000	1.2	1.4	66,400	70,800
Hubbard	24,400	22,100	1.4	1.3	34,600	28,600
Itasca	32,900	30,500	1.4	1.5	46,900	45,500
Koochiching	20,900	19,500	1.4	1.8	29,100	34,600
Lake of the Woods	14,500	14,300	1.5	1.4	21,700	20,000
<b>North Central</b>	200,700	193,800	1.5	1.6	297,100	312,600
St. Louis	61,100	61,600	1.3	1.7	81,200	104,000
Combined Counties	2,000	1,700	1.3	1.7	2,600	2,900
<b>Northeast</b>	63,100	63,300	1.3	1.7	83,800	106,900
Big Stone	6,300	6,000	2.3	3.1	14,800	18,800
Chippewa	5,500	5,500	2.5	3.2	13,800	17,600
Douglas	25,500	23,800	2.6	3.2	65,900	76,100
Grant	6,400	5,900	2.8	3.8	18,100	22,700
Lac Qui Parle	15,200	14,100	2.6	2.9	39,200	40,900
Otter Tail	109,100	110,600	2.9	2.8	315,200	308,200
Pope	23,100	24,100	3.4	3.8	78,000	91,300
Swift	10,300	10,400	3.4	3.4	34,800	35,400
Wilkin	7,200	6,500	2.6	2.3	18,400	15,100
Yellow Medicine	11,700	12,200	3.3	3.2	38,100	39,600
Combined Counties	14,600	14,600	3.1	3.8	45,900	55,500
<b>West Central</b>	234,900	233,700	2.9	3.1	682,200	721,200
Benton	25,300	25,400	2.3	3.2	57,900	82,300
Carver	21,500	20,500	3.1	4.3	66,800	87,300
Kandiyohi	21,100	19,800	3.4	3.7	72,400	72,700
McLeod	14,200	13,100	3.7	4.0	52,300	52,100
Meeker	15,300	14,200	3.1	4.2	48,100	59,600
Morrison	78,400	73,100	2.3	2.9	182,500	210,100
Renville	7,600	7,700	4.0	4.1	30,700	31,200
Scott	16,500	15,000	2.5	3.5	40,900	53,000
Sherburne	9,800	8,800	1.7	2.6	16,400	22,500
Sibley	10,800	11,000	3.8	4.3	40,800	47,400
Stearns	107,400	103,300	3.1	3.9	334,000	399,600
Todd	65,900	63,200	2.3	3.0	152,300	188,300
Wadena	32,100	29,900	1.6	2.2	52,600	64,600
Wright	29,300	27,600	3.0	4.0	88,200	109,200
<b>Central</b>	455,200	432,600	2.7	3.4	1,235,900	1,479,900

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**ALL HAY: Acreage Harvested, Yield, and Production,  
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Aitkin	52,000	48,400	1.3	1.7	65,600	83,700
Carlton	37,400	34,900	1.5	1.8	54,300	62,400
Chisago	14,600	15,000	2.3	2.4	33,100	36,200
Crow Wing	34,600	31,200	1.3	1.4	45,700	44,400
Hennepin	9,600	9,000	1.8	2.5	16,900	22,900
Isanti	16,000	16,600	1.8	2.5	28,100	42,000
Kanabec	35,700	33,400	2.0	2.8	69,700	94,600
Mille Lacs	30,800	30,400	2.1	2.8	65,800	84,500
Pine	60,200	56,400	1.8	2.7	108,300	152,300
Washington	15,800	15,200	2.2	2.9	34,200	44,000
Combined Counties	9,200	8,500	1.9	2.0	17,500	17,200
<b>East Central</b>	315,900	299,000	1.7	2.3	539,200	684,200
Cottonwood	7,200	6,400	3.1	4.0	22,400	25,500
Jackson	6,000	6,100	3.3	3.2	19,600	19,300
Lincoln	17,300	16,500	3.4	3.3	58,400	53,900
Lyon	11,300	11,600	3.9	4.3	44,000	50,300
Murray	14,500	14,400	3.7	3.9	53,700	55,700
Nobles	13,400	12,500	3.3	3.5	44,800	43,700
Pipestone	13,900	13,900	3.4	3.3	47,400	45,500
Redwood	8,900	8,500	3.5	4.2	31,100	35,900
Rock	12,600	12,700	3.2	3.7	40,200	47,200
<b>Southwest</b>	105,100	102,600	3.4	3.7	361,600	377,000
Blue Earth	7,300	7,100	2.8	3.4	20,500	24,300
Brown	10,600	10,700	3.2	4.6	34,400	48,800
Freeborn	8,200	8,300	3.3	3.5	27,200	29,300
Le Sueur	8,400	7,800	3.4	3.6	28,500	27,800
Rice	14,600	13,200	3.2	3.6	46,300	47,700
Steele	9,600	8,800	3.3	4.3	32,000	37,500
Waseca	5,900	5,900	3.1	3.8	18,200	22,400
Combined Counties	16,500	15,100	3.7	4.1	60,300	61,500
<b>South Central</b>	81,100	76,900	3.3	3.9	267,400	299,300
Dakota	12,400	12,300	3.0	3.5	36,600	42,600
Dodge	8,000	8,400	3.2	4.8	25,600	40,000
Fillmore	53,000	50,500	3.6	4.2	191,100	210,400
Goodhue	35,500	33,100	3.2	4.3	113,000	142,000
Houston	35,600	36,300	3.8	4.1	135,200	148,500
Mower	12,000	12,400	2.9	3.8	34,700	47,500
Olmsted	27,500	24,900	3.4	4.3	93,800	108,300
Wabasha	38,200	36,200	3.6	4.1	136,100	149,900
Winona	44,600	47,100	4.2	4.7	185,200	222,500
<b>Southeast</b>	266,800	261,200	3.6	4.3	951,300	1,111,700
<b>Minnesota</b>	2,075,000	2,000,000	2.5	2.9	5,245,000	5,895,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**ALFALFA HAY: Acreage Harvested, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Becker	33,600	29,300	2.6	2.6	87,400	76,200
Clay	21,200	19,300	3.3	3.1	70,000	59,800
Clearwater	34,800	31,800	2.2	2.2	76,500	70,000
Kittson	19,500	18,200	2.9	2.1	56,500	38,200
Mahnomen	15,800	14,800	2.4	2.8	37,900	41,400
Marshall	26,800	28,100	2.1	2.9	56,300	81,500
Norman	11,900	11,700	2.9	3.1	34,500	36,300
Pennington	22,400	23,600	2.8	3.1	62,700	73,200
Polk	27,800	26,700	2.5	2.5	69,500	66,800
Red Lake	13,100	12,900	3.0	3.0	39,300	38,700
Roseau	38,200	37,700	2.5	2.5	95,500	94,200
<b>Northwest</b>	265,100	254,100	2.6	2.7	686,100	676,300
Beltrami	32,000	34,400	2.0	2.2	64,000	75,700
Cass	10,000	9,000	1.3	1.8	13,000	16,200
Hubbard	8,900	8,500	1.8	1.6	16,000	13,600
Itasca	8,000	7,000	1.5	1.8	12,000	12,600
Koochiching	10,000	9,000	1.6	2.1	16,000	18,900
Lake of the Woods	7,100	7,200	1.7	1.5	12,100	10,800
<b>North Central</b>	76,000	75,100	1.8	2.0	133,100	147,800
St Louis	8,900	9,000	2.1	2.2	18,600	19,800
Combined Counties	400	400	2.0	2.3	800	900
<b>Northeast</b>	9,300	9,400	2.1	2.2	19,400	20,700
Big Stone	4,200	4,100	2.8	3.8	11,800	15,600
Chippewa	3,800	3,700	2.8	3.9	10,600	14,400
Douglas	21,300	19,800	2.7	3.4	57,500	67,300
Grant	5,300	4,800	3.0	4.1	15,900	19,700
Lac Qui Parle	10,500	9,800	3.1	3.3	32,600	32,300
Otter Tail	86,500	90,200	3.2	3.1	276,800	279,600
Pope	19,200	20,500	3.7	4.1	71,000	84,100
Stevens	7,000	7,200	3.2	4.2	22,400	30,200
Swift	8,200	8,200	3.8	3.8	31,200	31,200
Traverse	5,900	5,700	3.5	4.0	20,700	22,800
Wilkin	5,800	5,200	2.8	2.6	16,200	13,500
Yellow Medicine	9,200	9,700	3.6	3.6	33,100	34,900
<b>West Central</b>	186,900	188,900	3.2	3.4	599,800	645,600
Benton	16,500	17,500	2.5	3.8	41,200	66,500
Carver	17,400	16,800	3.3	4.6	57,400	77,300
Kandiyohi	17,800	16,800	3.7	3.9	65,800	65,500
McLeod	10,700	10,000	4.3	4.4	46,000	44,000
Meeker	12,700	11,800	3.4	4.6	43,200	54,300
Morrison	42,800	41,100	2.6	3.4	111,300	139,700
Renville	6,600	6,700	4.4	4.3	29,000	28,800
Scott	12,700	11,600	2.8	3.9	35,600	45,200
Sherburne	7,300	6,600	1.7	2.8	12,400	18,500
Sibley	8,200	8,300	4.3	4.9	35,300	40,700
Stearns	86,900	84,900	3.3	4.1	286,800	348,100
Todd	44,700	44,200	2.6	3.4	116,200	150,300
Wadena	15,600	15,200	2.1	2.8	32,800	42,500
Wright	24,700	23,300	3.2	4.3	79,000	100,200
<b>Central</b>	324,600	314,800	3.1	3.9	992,000	1,221,600

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**ALFALFA HAY: Acreage Harvested, Yield, and Production,  
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Aitkin	8,200	9,000	1.6	2.3	13,100	20,700
Carlton	11,200	11,300	1.8	2.6	20,200	29,400
Chisago	10,700	11,500	2.4	2.6	25,700	29,900
Crow Wing	10,500	9,500	1.6	1.7	16,800	16,200
Hennepin	7,900	7,500	1.8	2.6	14,200	19,500
Isanti	12,500	13,500	1.8	2.7	22,500	36,400
Kanabec	13,800	13,700	2.2	3.6	30,300	49,300
Mille Lacs	12,200	13,200	2.8	3.4	34,200	44,900
Pine	19,900	20,100	2.2	3.6	43,800	72,400
Washington	12,700	12,400	2.3	3.1	29,200	38,400
Combined Counties	6,900	6,400	2.0	2.1	13,800	13,400
<b>East Central</b>	126,500	128,100	2.1	2.9	263,800	370,500
Cottonwood	5,800	5,100	3.4	4.5	19,700	23,000
Jackson	4,200	4,500	3.8	3.7	16,000	16,700
Lincoln	14,700	14,100	3.6	3.4	52,900	47,900
Lyon	10,200	10,600	4.1	4.5	41,800	47,700
Murray	12,100	12,300	4.0	4.2	48,400	51,700
Nobles	9,500	8,900	3.9	4.1	37,000	36,500
Pipestone	10,700	10,900	3.8	3.6	40,700	39,200
Redwood	7,800	7,500	3.7	4.5	28,900	33,700
Rock	8,100	8,400	3.8	4.5	30,800	37,800
<b>Southwest</b>	83,100	82,300	3.8	4.1	316,200	334,200
Blue Earth	3,700	3,900	3.4	4.1	12,600	16,000
Brown	9,100	9,300	3.4	4.9	30,900	45,600
Faribault	2,500	2,300	4.2	4.2	10,500	9,700
Freeborn	6,900	7,000	3.5	3.8	24,200	26,600
Le Sueur	6,500	5,800	3.7	4.0	24,100	23,200
Martin	3,400	2,700	4.1	4.3	13,900	11,600
Nicollet	5,400	5,100	4.1	4.8	22,100	24,500
Rice	12,500	11,200	3.3	3.8	41,300	42,500
Steele	8,400	7,600	3.5	4.6	29,400	34,900
Waseca	4,800	4,800	3.3	4.1	15,800	19,700
Watonwan	1,800	1,800	3.5	4.7	6,300	8,500
<b>South Central</b>	65,000	61,500	3.6	4.3	231,100	262,800
Dakota	10,100	10,200	3.1	3.8	31,300	38,800
Dodge	6,800	7,400	3.4	5.0	23,100	37,000
Fillmore	48,800	46,800	3.7	4.3	180,600	201,200
Goodhue	32,100	30,200	3.3	4.5	105,900	135,900
Houston	32,800	33,800	3.9	4.2	127,900	142,000
Mower	9,900	10,500	3.0	4.0	29,700	42,000
Olmsted	24,700	22,100	3.5	4.6	86,500	101,600
Wabasha	34,200	32,600	3.7	4.3	126,500	140,200
Winona	39,100	42,200	4.4	4.9	172,000	206,800
<b>Southeast</b>	238,500	235,800	3.7	4.4	883,500	1,045,500
<b>Minnesota</b>	1,375,000	1,350,000	3.0	3.5	4,125,000	4,725,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**BARLEY: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Clay	7,000	4,300	6,800	4,200	69.0	76.0	469,200	319,200
Kittson	8,600	5,700	8,300	5,200	82.0	79.0	680,600	410,800
Mahnomen	4,900	1,500	4,700	1,400	71.0	74.0	333,700	103,600
Marshall	41,600	31,100	39,900	28,500	81.2	66.0	3,240,000	1,881,000
Norman	11,100	4,700	10,300	4,500	72.7	77.0	748,800	346,500
Pennington	9,600	7,000	9,300	6,800	76.0	61.0	706,800	414,800
Polk	19,500	12,100	18,700	11,700	77.4	72.0	1,447,600	842,400
Red Lake	3,600	1,900	3,500	1,800	81.0	70.0	283,500	126,000
Roseau	30,400	14,200	29,300	10,400	82.3	48.0	2,410,800	499,200
Combined Counties	1,900	1,500	1,600	1,300	63.3	72.2	101,300	93,800
<b>Northwest</b>	138,200	84,000	132,400	75,800	78.7	66.5	10,422,300	5,037,300
Beltrami	1,000	1,000	900	900	58.0	44.0	52,200	39,600
Lake of the Woods	2,000	--	1,800	--	72.0	--	129,600	--
Combined Counties	500	1,400	400	1,200	62.0	46.9	24,800	56,300
<b>North Central</b>	3,500	2,400	3,100	2,100	66.6	45.7	206,600	95,900
Combined Counties	100	200	100	100	60.0	49.0	6,000	4,900
<b>Northeast</b>	100	200	100	100	60.0	49.0	6,000	4,900
Douglas	1,700	1,600	1,500	1,500	61.6	71.0	92,400	106,500
Grant	2,100	2,100	1,900	2,000	66.3	77.0	126,000	154,000
Otter Tail	4,600	3,000	3,900	2,900	58.4	64.0	227,800	185,600
Traverse	2,700	--	2,500	--	70.0	--	175,000	--
Wilkin	3,900	--	3,400	--	70.0	--	238,000	--
Combined Counties	1,900	5,100	1,500	4,800	55.5	73.9	83,300	354,700
<b>West Central</b>	16,900	11,800	14,700	11,200	64.1	71.5	942,500	800,800
Benton	1,200	1,100	1,100	800	34.0	62.0	37,400	49,600
Morrison	1,800	1,700	1,000	1,300	42.0	76.0	42,000	98,800
Stearns	6,400	5,800	4,600	5,100	61.0	81.0	280,600	413,100
Todd	2,100	1,900	1,100	1,800	45.0	76.0	49,500	136,800
Wadena	1,300	--	1,000	--	56.1	--	56,100	--
Combined Counties	3,400	4,300	1,800	4,000	58.3	67.4	104,900	269,600
<b>Central</b>	16,200	14,800	10,600	13,000	53.8	74.5	570,500	967,900
Combined Counties	2,200	1,900	1,200	1,500	39.2	56.0	47,000	84,000
<b>East Central</b>	2,200	1,900	1,200	1,500	39.2	56.0	47,000	84,000
Pipestone	2,500	2,100	2,100	1,800	72.0	79.0	151,200	142,200
Combined Counties	1,700	1,700	1,200	1,300	76.2	75.8	91,400	98,600
<b>Southwest</b>	4,200	3,800	3,300	3,100	73.5	77.7	242,600	240,800
Combined Counties	1,500	1,500	900	1,100	69.3	73.0	62,400	80,300
<b>South Central</b>	1,500	1,500	900	1,100	69.3	73.0	62,400	80,300
Goodhue	1,400	1,500	700	900	64.0	71.0	44,800	63,900
Wabasha	1,800	2,600	700	1,800	68.0	83.0	47,600	149,400
Winona	1,300	--	400	--	68.0	--	27,200	--
Combined Counties	2,700	5,500	1,900	4,400	68.7	67.0	130,500	294,800
<b>Southeast</b>	7,200	9,600	3,700	7,100	67.6	71.6	250,100	508,100
<b>Minnesota</b>	190,000	130,000	170,000	115,000	75.0	68.0	12,750,000	7,820,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

### BARLEY: Percent Seeded by Selected Variety, Minnesota, 2000-2004

Variety	Percent of State Total					2004 Acres Planted
	2000	2001	2002	2003	2004	
Conlon	1/	1/	1/	2.0	1/	1/
Excel	1.7	1/	1.8	2.2	1.2	1,600
Lacey	1/	9.6	29.1	32.3	37.8	49,100
Legacy	1/	1/	2.1	1.3	1.4	1,800
Robust	77.9	74.4	56.7	57.3	52.8	68,600
Royal	2.1	2.0	2.8	1.5	2.7	3,500
Stander	11.9	7.4	3.2	1.5	1/	1/
Other	6.4	6.6	4.3	1.9	4.2	5,400
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	130,000

1/ Less than one percent, included in Other varieties.

Note: Percents may not add to 100 due to rounding.



### BARLEY: Acreage Seeded, by District and Variety, Minnesota, 2004

Variety	Northwest	West Central	Central	Southeast	Other Districts	State
	Acres					
Excel	1,200	1/	300	100	1/	1,600
Lacey	37,500	4,100	3,400	800	3,300	49,100
Legacy	1,500	200	100	1/	1/	1,800
Robust	42,700	6,900	9,500	5,100	4,400	68,600
Royal	1/	100	700	2,200	500	3,500
Other	1,100	500	800	1,400	1,600	5,400
<b>Total</b>	84,000	11,800	14,800	9,600	9,800	130,000

1/ Varieties with less than 0.5 percent of district total are included in Other.

### BARLEY: PERCENT OF TOTAL SEEDED, MINNESOTA, 2004

Robust 52.8%

Lacey 37.8%

Excel 1.2%  
Legacy 1.4%

Royal 2.7%  
Other 4.2%

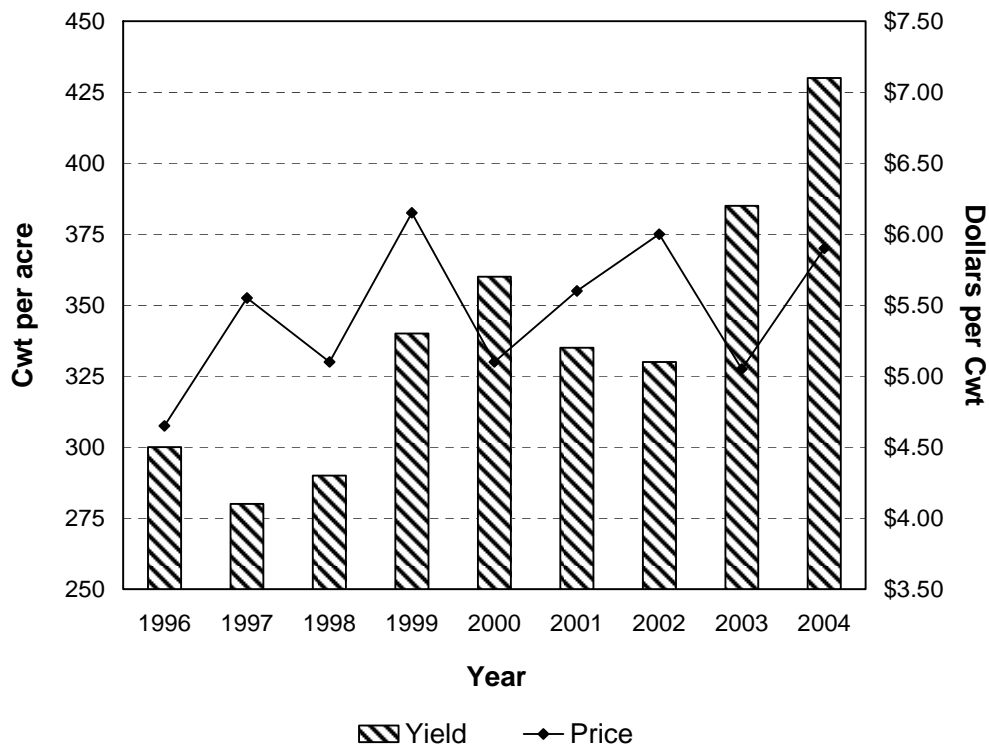
Note: "Other" includes varieties with less than one percent of the State's 2004 barley acreage.

### POTATOES: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Tons ----		----- Tons -----	
Clay	3,200	2,800	3,100	2,600	225	265	697,500	689,000
Kittson	1,700	--	1,600	--	165	--	264,000	--
Marshall	2,400	--	2,200	--	160	--	352,000	--
Polk	6,900	4,700	6,600	4,500	225	200	1,485,000	900,000
Red Lake	1,000	--	1,000	--	230	--	230,000	--
Combined Counties	4,300	6,000	4,200	5,500	480	347	2,017,000	1,908,000
<b>Northwest</b>	19,500	13,500	18,700	12,600	270	278	5,045,500	3,497,000
Benton	2,100	--	1,900	--	430	--	817,000	--
Morrison	2,900	2,500	2,700	2,400	365	465	985,500	1,116,000
Sherburne	7,600	5,900	7,400	5,800	365	380	2,701,000	2,204,000
Todd	2,000	1,900	1,900	1,900	395	465	750,500	883,500
Combined Counties	4,700	7,100	4,600	6,800	486	541	2,235,500	3,682,000
<b>Central</b>	19,300	17,400	18,500	16,900	405	467	7,489,500	7,885,500
Freeborn	2,200	1,600	2,200	300	320	325	704,000	97,500
Combined Counties	200	200	200	200	310	275	62,000	55,000
<b>South Central</b>	2,400	1,800	2,400	500	319	305	766,000	152,500
<b>Combined Districts</b>	18,800	14,300	18,400	14,000	491	528	9,029,000	7,385,000
<b>Minnesota</b>	60,000	47,000	58,000	44,000	385	430	22,330,000	18,920,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

### POTATOES: YIELDS AND PRICES, MINNESOTA, 1996-2004



### SUGARBEETS: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----	----- Acres -----	----- Acres -----	----- Acres -----	---- Tons ----	---- Tons ----	----- Tons -----	----- Tons -----
Becker	10,300	9,700	10,200	9,600	20.5	20.3	209,000	194,400
Clay	55,000	54,700	54,500	53,900	19.4	19.7	1,057,500	1,059,500
Kittson	34,100	35,600	33,800	30,800	20.1	18.2	679,200	561,200
Mahnomen	4,400	5,000	4,300	4,900	19.7	18.6	84,800	91,200
Marshall	45,400	46,200	44,900	45,500	19.2	18.2	861,700	829,000
Norman	46,300	45,900	45,600	45,000	20.3	21.3	923,900	959,800
Polk	99,200	99,200	98,100	98,100	21.3	19.9	2,090,500	1,949,900
Red Lake	1,100	1,100	1,000	1,100	23.9	18.6	23,900	20,500
Combined Counties	100	100	100	100	23.0	22.0	2,300	2,200
<b>Northwest</b>	295,900	297,500	292,500	289,000	20.3	19.6	5,932,800	5,667,700
Chippewa	31,500	32,000	31,400	31,900	22.3	23.1	700,500	738,100
Grant	12,500	11,500	12,400	8,800	17.6	22.8	217,800	200,900
Otter Tail	4,100	4,200	4,100	4,000	20.0	21.9	82,100	87,500
Pope	3,200	2,300	3,200	2,300	22.0	21.1	70,400	48,600
Stevens	3,300	4,600	3,200	4,600	22.0	24.7	70,300	113,600
Swift	6,200	5,800	6,200	5,800	20.9	22.2	129,700	128,900
Traverse	10,800	7,800	10,500	6,300	18.5	22.0	194,200	138,600
Wilkin	48,100	44,300	47,500	43,200	20.6	24.0	980,500	1,038,600
Yellow Medicine	3,000	3,100	3,000	3,100	23.5	22.3	70,600	69,200
Combined Counties	1,100	1,000	1,100	1,000	17.2	22.2	18,900	22,200
<b>West Central</b>	123,800	116,600	122,600	111,000	20.7	23.3	2,535,000	2,586,200
Kandiyohi	15,500	15,900	15,200	15,900	22.3	22.6	338,500	359,200
McLeod	2,300	2,800	2,300	1,700	19.7	15.6	45,400	26,500
Meeker	2,200	2,100	2,200	2,100	21.4	19.6	47,000	41,100
Renville	40,400	40,300	40,300	39,900	21.7	23.0	874,500	916,100
Sibley	3,100	2,300	3,100	2,200	21.0	21.0	65,000	46,200
Stearns	2,500	2,700	2,500	2,700	20.8	20.3	52,100	54,900
<b>Central</b>	66,000	66,100	65,600	64,500	21.7	22.4	1,422,500	1,444,000
Redwood	5,100	4,600	5,100	4,400	22.8	22.9	116,200	100,600
Combined Counties	600	700	600	600	19.5	21.3	11,700	12,800
<b>Southwest</b>	5,700	5,300	5,700	5,000	22.4	22.7	127,900	113,400
<b>Combined Districts</b>	600	500	600	500	23.0	23.4	13,800	11,700
<b>Minnesota</b>	492,000	486,000	487,000	470,000	20.6	20.9	10,032,000	9,823,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



### DRY EDIBLE BEANS: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Pounds ----		----- Cwt -----	
Becker	1,000	--	900	--	1,600	--	14,400	--
Clay	2,500	2,900	2,400	2,600	1,800	1,550	43,200	40,300
Kittson	1,100	--	1,000	--	1,500	--	15,000	--
Mahnomen	2,000	2,500	1,900	2,100	1,700	750	32,300	15,750
Marshall	10,800	10,200	10,500	6,200	1,600	500	168,000	31,000
Norman	3,300	3,100	2,900	2,600	1,450	750	42,050	19,500
Polk	42,400	42,800	41,000	37,900	1,500	750	615,000	284,250
Red Lake	1,100	--	900	--	1,500	--	13,500	--
Combined Counties	400	2,500	400	1,900	1,500	716	6,000	13,600
<b>Northwest</b>	64,600	64,000	61,900	53,300	1,534	759	949,450	404,400
Hubbard	7,800	7,300	7,600	6,800	2,200	1,500	167,200	102,000
Combined Counties	700	700	700	600	1,679	1,025	11,750	6,150
<b>North Central</b>	8,500	8,000	8,300	7,400	2,156	1,461	178,950	108,150
Chippewa	2,000	2,700	1,900	2,400	2,300	1,400	43,700	33,600
Grant	1,500	--	1,400	--	1,650	--	23,100	--
Otter Tail	9,900	8,800	9,700	8,300	1,750	1,650	169,750	136,950
Pope	2,000	--	1,900	--	2,000	--	38,000	--
Stevens	2,200	1,600	1,900	1,500	2,100	2,000	39,900	30,000
Swift	2,100	2,700	2,000	2,600	1,800	1,600	36,000	41,600
Traverse	1,200	--	800	--	1,700	--	13,600	--
Combined Counties	2,400	6,700	2,200	6,000	1,648	1,658	36,250	99,500
<b>West Central</b>	23,300	22,500	21,800	20,800	1,836	1,643	400,300	341,650
Kandiyohi	3,300	2,600	3,200	2,100	1,950	1,450	62,400	30,450
Morrison	3,500	4,000	3,400	3,600	1,650	2,000	56,100	72,000
Renville	3,400	5,000	3,300	4,600	2,150	1,400	70,950	64,400
Sherburne	1,200	--	1,100	--	2,100	--	23,100	--
Stearns	1,300	--	1,200	--	1,800	--	21,600	--
Wadena	2,700	3,100	2,600	2,800	1,650	1,450	42,900	40,600
Combined Counties	2,200	4,600	2,200	4,300	1,911	1,592	42,050	68,450
<b>Central</b>	17,600	19,300	17,000	17,400	1,877	1,586	319,100	275,900
<b>Combined Districts</b>	1,000	1,200	1,000	1,100	2,220	1,809	22,200	19,900
<b>Minnesota</b>	115,000	115,000	110,000	100,000	1,700	1,150	1,870,000	1,150,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



### ALL SUNFLOWERS: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----	----- Acres -----	----- Acres -----	----- Acres -----	--- Pounds ---	--- Pounds ---	----- Pounds -----	----- Pounds -----
Clay	6,000	3,100	5,800	2,900	1,666	1,278	9,660,000	3,705,000
Kittson	10,300	7,900	10,100	6,300	1,671	800	16,875,000	5,040,000
Marshall	13,800	8,100	13,600	6,900	1,763	874	23,980,000	6,030,000
Norman	13,000	10,000	12,700	8,900	1,460	1,057	18,545,000	9,410,000
Pennington	3,700	4,900	3,500	4,300	1,796	691	6,285,000	2,970,000
Polk	7,500	5,700	7,300	5,200	1,705	928	12,450,000	4,825,000
Red Lake	2,000	3,400	1,900	2,900	1,684	731	3,200,000	2,120,000
Roseau	14,200	1,100	14,000	600	1,523	825	21,315,000	495,000
Combined Counties	1,700	1,000	1,700	1,000	1,579	1,665	2,685,000	1,665,000
<b>Northwest</b>	72,200	45,200	70,600	39,000	1,629	930	114,995,000	36,260,000
Combined Counties	1,300	--	1,300	--	1,204	--	1,565,000	--
<b>North Central</b>	1,300	--	1,300	--	1,204	--	1,565,000	--
Otter Tail	3,900	3,000	3,800	3,000	1,592	1,550	6,050,000	4,650,000
Traverse	1,700	--	1,700	--	1,035	--	1,760,000	--
Wilkin	6,500	6,400	6,300	6,200	1,838	1,473	11,580,000	9,135,000
Combined Counties	2,100	2,200	2,100	2,000	1,548	1,508	3,250,000	3,015,000
<b>West Central</b>	14,200	11,600	13,900	11,200	1,629	1,500	22,640,000	16,800,000
Combined Counties	2,000	2,200	1,900	2,100	1,200	1,400	2,280,000	2,940,000
<b>Central</b>	2,000	2,200	1,900	2,100	1,200	1,400	2,280,000	2,940,000
<b>Combined Districts</b>	300	1,000	300	700	1,067	857	320,000	600,000
<b>Minnesota</b>	90,000	60,000	88,000	53,000	1,611	1,068	141,800,000	56,600,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



### OIL SUNFLOWERS: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		----- Pounds -----		----- Pounds -----	
Clay	4,900	--	4,800	--	1,700	--	8,160,000	--
Kittson	6,200	4,700	6,100	3,800	1,750	800	10,675,000	3,040,000
Marshall	10,100	4,600	10,000	4,000	1,750	1,000	17,500,000	4,000,000
Norman	5,200	4,200	5,100	4,100	1,550	1,300	7,905,000	5,330,000
Pennington	1,700	1,100	1,600	1,100	1,850	1,100	2,960,000	1,210,000
Polk	4,700	2,700	4,600	2,700	1,650	1,000	7,590,000	2,700,000
Roseau	7,000	--	6,900	--	1,700	--	11,730,000	--
Combined Counties	2,000	3,600	2,000	3,500	1,563	1,413	3,125,000	4,945,000
<b>Northwest</b>	41,800	20,900	41,100	19,200	1,695	1,105	69,645,000	21,225,000
Wilkin	3,800	1,900	3,700	1,900	1,900	1,300	7,030,000	2,470,000
Combined Counties	6,200	4,300	6,100	4,200	1,426	1,539	8,700,000	6,465,000
<b>West Central</b>	10,000	6,200	9,800	6,100	1,605	1,465	15,730,000	8,935,000
<b>Combined Districts</b>	3,200	2,900	3,100	2,700	1,202	1,274	3,725,000	3,440,000
<b>Minnesota</b>	55,000	30,000	54,000	28,000	1,650	1,200	89,100,000	33,600,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

### FLAXSEED: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		----- Pounds -----		----- Pounds -----	
Roseau	3,700	--	3,300	--	24.0	--	79,200	--
Combined Counties	2,600	2,100	2,300	2,100	24.4	18.0	56,100	37,800
<b>Northwest</b>	6,300	2,100	5,600	2,100	24.2	18.0	135,300	37,800
Combined Counties	1,100	--	900	--	19.0	--	17,100	--
<b>North Central</b>	1,100	--	900	--	19.0	--	17,100	--
<b>Combined Districts</b>	600	900	500	900	17.2	14.7	8,600	13,200
<b>Minnesota</b>	8,000	3,000	7,000	3,000	23.0	17.0	161,000	51,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



**SWEET CORN FOR PROCESSING: Acreage, Yield, and Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Tons ----		----- Tons -----	
Pope	1,700	1,300	1,600	1,200	6.31	6.70	10,100	8,040
Combined Counties	400	700	400	700	5.50	8.00	2,200	5,600
<b>West Central</b>	2,100	2,000	2,000	1,900	6.15	7.18	12,300	13,640
Kandiyohi	3,300	3,700	3,200	3,700	6.31	6.40	20,200	23,680
McLeod	1,900	2,000	1,800	2,000	6.89	6.10	12,400	12,200
Meeker	1,200	1,300	1,100	1,300	7.09	6.30	7,800	8,190
Renville	29,400	34,300	29,300	34,200	6.90	6.70	202,200	229,140
Sherburne	--	2,200	--	2,200	--	8.10	--	17,820
Sibley	8,700	7,800	8,600	7,700	6.90	6.20	59,300	47,740
Combined Counties	2,400	1,000	2,300	1,000	6.61	6.96	15,200	6,960
<b>Central</b>	46,900	52,300	46,300	52,100	6.85	6.64	317,100	345,730
Redwood	6,900	7,000	6,800	6,800	7.29	7.10	49,600	48,280
Combined Counties	200	--	200	--	7.00	--	1,400	--
<b>Southwest</b>	7,100	7,000	7,000	6,800	7.29	7.10	51,000	48,280
Blue Earth	2,200	--	2,100	--	6.71	--	14,100	--
Brown	10,600	9,800	10,400	9,700	7.00	7.30	72,800	70,810
Faribault	6,100	5,400	6,000	5,300	7.30	6.20	43,800	32,860
Freeborn	9,500	6,900	9,400	5,800	7.70	6.30	72,400	36,540
Le Sueur	1,400	--	1,300	--	6.23	--	8,100	--
Martin	2,200	2,100	2,100	2,000	7.48	7.20	15,700	14,400
Nicollet	3,000	2,600	2,900	2,500	6.79	7.10	19,700	17,750
Steele	8,600	6,200	8,100	6,100	6.60	5.90	53,500	35,990
Waseca	6,500	5,000	6,400	4,900	6.91	7.20	44,200	35,280
Combined Counties	1,400	4,100	1,300	4,000	7.00	6.00	9,100	24,000
<b>South Central</b>	51,500	42,100	50,000	40,300	7.07	6.64	353,400	267,630
Dakota	3,200	3,400	3,100	3,400	6.81	5.50	21,100	18,700
Dodge	2,900	3,500	2,900	3,500	6.41	7.00	18,600	24,500
Fillmore	1,500	1,500	1,500	1,500	5.47	5.40	8,200	8,100
Goodhue	5,100	4,500	5,000	4,400	6.20	6.70	31,000	29,480
Mower	8,400	8,500	8,300	8,400	5.90	6.50	49,000	54,600
Olmsted	8,300	8,600	8,200	8,500	5.70	6.50	46,700	55,250
Wabasha	4,500	3,900	4,400	3,900	5.91	6.20	26,000	24,180
Combined Counties	500	500	500	500	6.20	6.40	3,100	3,200
<b>Southeast</b>	34,400	34,400	33,900	34,100	6.01	6.39	203,700	218,010
<b>Combined Districts</b>	200	200	200	200	6.50	6.50	1,300	1,300
<b>Minnesota</b>	142,200	138,000	139,400	135,400	6.73	6.61	938,800	894,590

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

### GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----	----- Acres -----	----- Acres -----	----- Acres -----	----- Tons -----	----- Tons -----	----- Tons -----	----- Tons -----
Combined Counties	1,500	1,400	1,400	1,300	1.93	2.10	2,700	2,730
<b>West Central</b>	1,500	1,400	1,400	1,300	1.93	2.10	2,700	2,730
Kandiyohi	2,800	2,200	2,700	2,100	1.81	1.10	4,900	2,310
McLeod	1,000	--	900	--	1.67	--	1,500	--
Meeker	3,100	1,600	2,900	1,500	1.31	1.00	3,800	1,500
Renville	19,100	16,100	18,000	14,400	1.80	1.20	32,310	17,280
Sibley	5,900	4,000	5,600	3,600	1.89	1.10	10,600	3,960
Combined Counties	1,100	1,200	1,000	900	2.00	1.57	2,000	1,410
<b>Central</b>	33,000	25,100	31,100	22,500	1.77	1.18	55,110	26,460
Redwood	3,200	3,500	3,100	3,400	2.81	2.10	8,700	7,140
Combined Counties	--	100	--	100	--	0.80	--	80
<b>Southwest</b>	3,200	3,600	3,100	3,500	2.81	2.06	8,700	7,220
Blue Earth	1,500	1,300	1,400	1,300	1.71	1.10	2,400	1,430
Brown	5,400	5,500	5,100	5,400	2.29	2.10	11,700	11,340
Faribault	3,300	2,100	2,700	2,100	1.52	1.40	4,100	2,940
Freeborn	2,600	1,800	2,400	1,700	1.58	1.00	3,800	1,700
Le Sueur	1,200	1,100	1,100	1,000	1.73	1.40	1,900	1,400
Martin	2,200	1,800	2,000	1,700	1.80	1.90	3,600	3,230
Nicollet	1,700	1,000	1,600	1,000	1.69	1.20	2,700	1,200
Steele	3,200	2,800	2,900	2,700	2.00	1.40	5,800	3,780
Waseca	2,500	2,400	2,100	2,300	1.90	0.80	4,000	1,840
Combined Counties	1,100	1,000	900	1,000	1.78	1.04	1,600	1,040
<b>South Central</b>	24,700	20,800	22,200	20,200	1.87	1.48	41,600	29,900
Dakota	7,000	4,000	6,500	3,900	1.71	1.20	11,100	4,680
Dodge	1,900	--	1,800	--	2.11	--	3,800	--
Goodhue	2,600	2,000	2,400	2,000	2.08	1.50	5,000	3,000
Mower	5,900	5,200	5,200	5,100	2.10	1.80	10,900	9,180
Olmsted	4,900	4,700	4,600	4,600	2.30	1.80	10,600	8,280
Wabasha	2,100	1,700	2,000	1,700	2.50	1.90	5,000	3,230
Winona	--	1,000	--	1,000	--	1.90	--	1,900
Combined Counties	1,900	2,200	1,500	2,200	2.40	1.14	3,600	2,500
<b>Southeast</b>	26,300	20,800	24,000	20,500	2.08	1.60	50,000	32,770
<b>Minnesota</b>	88,700	71,700	81,800	68,000	1.93	1.46	158,110	99,080

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



**GRAIN STOCKS: Specified Crops by Storage Position, Minnesota, 2001-2005**

Year	On-Farm				All Storage Positions			
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
<b>Corn</b>								
	<u>1,000 Bushels</u>							
2001	550,000	405,000	150,000	700,000	743,290	551,280	284,195	910,463
2002	500,000	330,000	80,000	730,000	671,287	441,022	167,487	958,213
2003	510,000	305,000	69,000	710,000	663,143	396,574	123,079	892,664
2004	500,000	280,000	75,000	790,000	662,234	386,444	120,532	1,033,897
2005	570,000				758,819			
<b>Soybeans</b>								
	<u>1,000 Bushels</u>							
2001	140,000	64,000	15,500	165,000	191,005	95,907	34,900	245,247
2002	110,000	50,000	11,500	171,000	163,204	85,259	27,709	249,798
2003	115,000	45,000	7,300	91,000	158,431	73,625	19,578	165,924
2004	55,000	15,500	5,800	140,000	101,876	41,069	12,777	210,503
2005	105,000				148,814			
<b>All Wheat</b>								
	<u>1,000 Bushels</u>							
2001	32,000	15,000	72,000	50,000	60,544	36,638	109,092	74,095
2002	31,000	12,000	53,000	35,000	58,370	30,255	88,539	62,972
2003	20,000	12,000	88,000	59,000	46,348	29,327	130,138	86,281
2004	33,000	15,000	86,000	58,000	63,197	33,503	110,271	81,787
2005	35,000				58,100			
<b>Oats</b>								
	<u>1,000 Bushels</u>							
2001	9,000	5,000	10,500	7,800	26,572	17,231	20,738	25,140
2002	5,000	3,000	10,000	8,000	21,723	15,592	20,367	24,087
2003	5,100	3,300	12,000	9,700	19,242	13,247	25,974	28,030
2004	6,800	3,500	10,000	7,200	20,290	13,056	21,888	19,635
2005	5,300				15,354			
<b>Barley</b>								
	<u>1,000 Bushels</u>							
2001	5,000	1,500	6,100	3,800	30,693	25,762	28,372	26,091
2002	2,300	1,400	5,400	3,600	22,118	16,158	18,515	15,929
2003	2,000	700	9,700	4,800	17,813	14,120	21,596	25,095
2004	2,500	1,800	7,600	4,500	26,631	29,987	29,002	27,485
2005	3,200				24,119			

Note: All estimates are for the first of the month.

**ALL HAY STOCKS: On-Farm Storage Position, Minnesota, 2001-2005**

Year	May	Dec
	<u>1,000 Tons</u>	
2001	960	4,213
2002	680	4,183
2003	815	3,567
2004	575	4,127
2005	884	

Note: All estimates are for the first of the month.

### Corn: Percent Marketed by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
October	20	10	12	12
November	8	10	18	7
December	8	4	9	7
January	11	7	10	10
February	5	5	6	7
March	6	4	6	6
April	5	4	6	5
May	5	6	8	4
June	6	13	6	14
July	9	15	7	12
August	11	13	7	9
September	6	9	5	7

### Soybeans: Percent Marketed by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
September	12	3	7	13
October	19	20	18	27
November	7	7	11	7
December	8	9	10	9
January	13	12	12	11
February	6	6	9	8
March	6	8	7	7
April	5	4	7	4
May	7	5	6	4
June	6	9	5	3
July	6	10	5	5
August	5	7	3	2

### All Wheat: Percent Marketed by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
July	6	5	15	7
August	15	17	24	21
September	7	8	13	7
October	6	5	4	5
November	8	11	4	5
December	13	11	12	11
January	13	8	5	11
February	7	6	3	12
March	5	5	5	9
April	10	4	4	4
May	6	7	5	3
June	4	13	6	5

### Oats: Percent Marketed by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
July	22	12	18	24
August	30	30	50	30
September	6	5	5	8
October	4	5	2	2
November	3	4	2	3
December	2	9	2	3
January	6	6	4	5
February	3	6	3	4
March	6	4	3	5
April	6	9	5	3
May	9	5	4	7
June	3	5	2	6

### Barley: Percent Marketed by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
July	9	19	5	14
August	12	20	4	15
September	3	7	3	6
October	2	4	9	14
November	5	4	2	3
December	14	7	5	5
January	19	13	40	8
February	12	8	10	9
March	10	3	11	9
April	8	5	8	4
May	5	3	2	5
June	1	7	1	8

### Dry Edible Beans: Percent Marketed by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
September	16	6	22	46
October	19	39	18	16
November	10	10	4	2
December	5	17	17	8
January	5	12	8	4
February	9	3	1	4
March	6	4	7	5
April	7	4	2	1
May	6	2	2	2
June	5	2	9	1
July	8	1	4	5
August	4	--	6	6

Note: Months are ordered according to crop marketings during the year.



## CULTIVATED WILD RICE

Wild Rice is the only cereal grain native to the United States. In 1977, the State Legislature designated wild rice as Minnesota's official State Grain.

The cultivated crop is grown in the northern one-third of the state on an estimated 23,000 acres in the counties of Aitkin, Beltrami, Cass, Clearwater, Itasca, Koochiching, Polk, and St. Louis.

In 2004, cultivated wild rice production was 4.78 million processed pounds, up 13 percent from 2003.

Source: Minnesota Cultivated Wild Rice Council

## MINNESOTA FERTILIZER USAGE

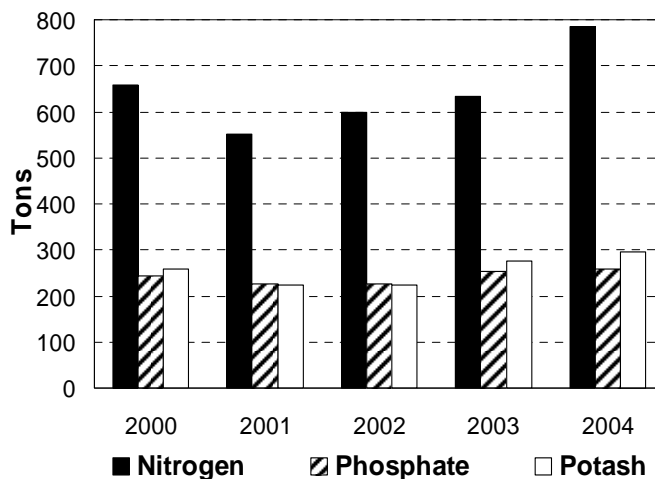
Minnesota fertilizer consumption totaled 2.7 million tons for the year ending June 30, 2004, an increase of 18 percent from the previous year.

Usage of the primary nutrients is shown on the chart; nitrogen increased 24 percent from 2003, phosphate ( $P_2O_5$ ) usage increased 26 percent, and potash ( $K_2O$ ) usage increased 16 percent.

Fertilizer consumption represents all commercial fertilizer sold or shipped for farm and non-farm use as fertilizer.

Source: The Association of American Plant Food Control Officials, University of Kentucky

## MINNESOTA'S USAGE OF PRIMARY NUTRIENTS AS FERTILIZER

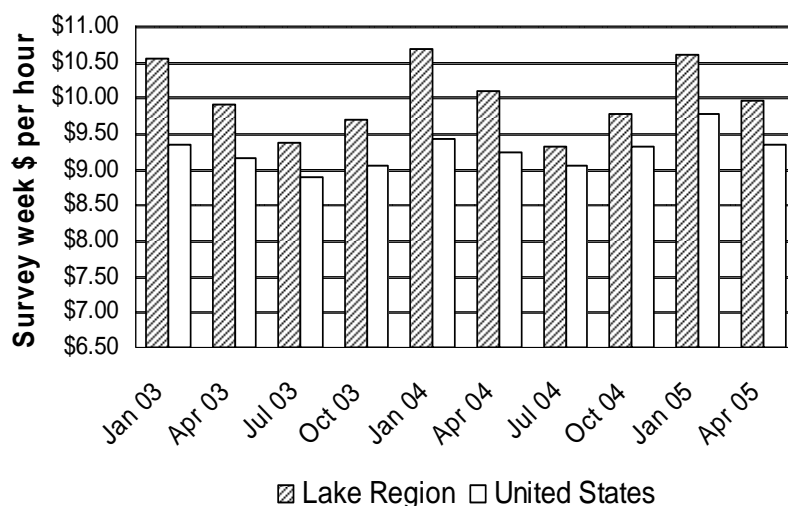


## FARM LABOR

Regional and national data for hired workers, hours worked, and wage rates are published quarterly. Minnesota is included in the Lake Region which also includes Michigan and Wisconsin. Information from the Farm Labor report is used to determine farm labor's effect on production costs, evaluate the impact of wage rate changes, and to define the nation's need for farm labor.

Farm Labor estimates are made at the U.S. and regional levels in January, April, July, and October for the week including the 12<sup>th</sup> of the month. State level wage rate information is available annually for the October survey period.

### WAGE RATES FOR ALL HIRED WORKERS Excluding Agricultural Service Workers



### HIRED WORKERS 1/: Annual Average Wage Rates, Minnesota 2000-2004

Year	All Hired	Field	Field & Livestock
<u>Dollars per Hour</u>			
2000	8.91	8.67	8.38
2001	9.53	9.90	9.26
2002	9.73	9.76	9.12
2003	10.23	9.80	9.56
2004	10.93	10.13	10.02

1/ Excludes Agricultural Service Workers.

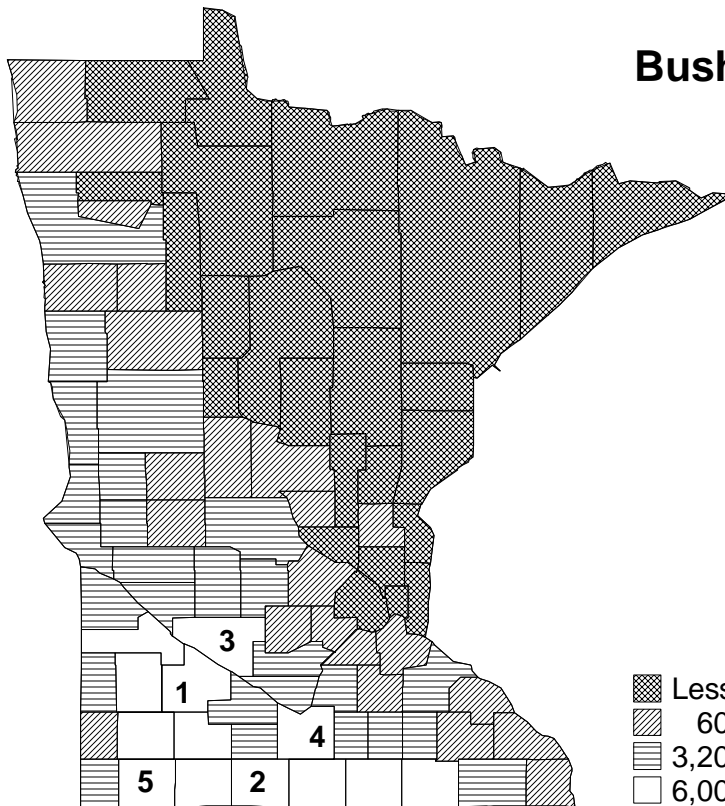
### FARM LABOR: Farm Workers and Wages by Type of Work, Lake Region, 2003-2005 1/

Year and Month	Hired Workers and Hours Worked				Wages, Type of Work			
	Number of Workers	Expected To Be Employed		Number of Hours Worked	All Hired	Field	Livestock	Field & Livestock
		150 Days or More	149 Days or Less					
	-----	<u>1,000 Workers</u>		<u>Hours</u>	-----	<u>Dollars Per Hour</u>		
2003								
January	45	40	5	31.7	10.54	10.51	9.44	9.65
April	56	36	20	37.0	9.90	9.31	9.20	9.26
July	62	42	20	36.2	9.36	8.34	8.95	8.55
October	72	45	27	37.7	9.70	9.25	9.11	9.20
2004								
January	50	43	7	34.2	10.68	10.11	9.41	9.60
April	57	43	14	35.5	10.10	9.20	9.95	9.60
July	69	40	29	36.4	9.30	8.29	9.13	8.55
October	72	43	29	39.7	9.77	9.06	9.51	9.20
2005								
January	43	37	6	34.0	10.61	9.65	9.67	9.66
April	55	38	17	34.8	9.95	8.99	10.05	9.45

1/ Farm Workers excludes Agricultural Service Workers. Lake Region includes Minnesota, Michigan, and Wisconsin.

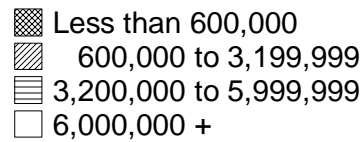
## SOYBEANS

### Bushels Produced in 2004



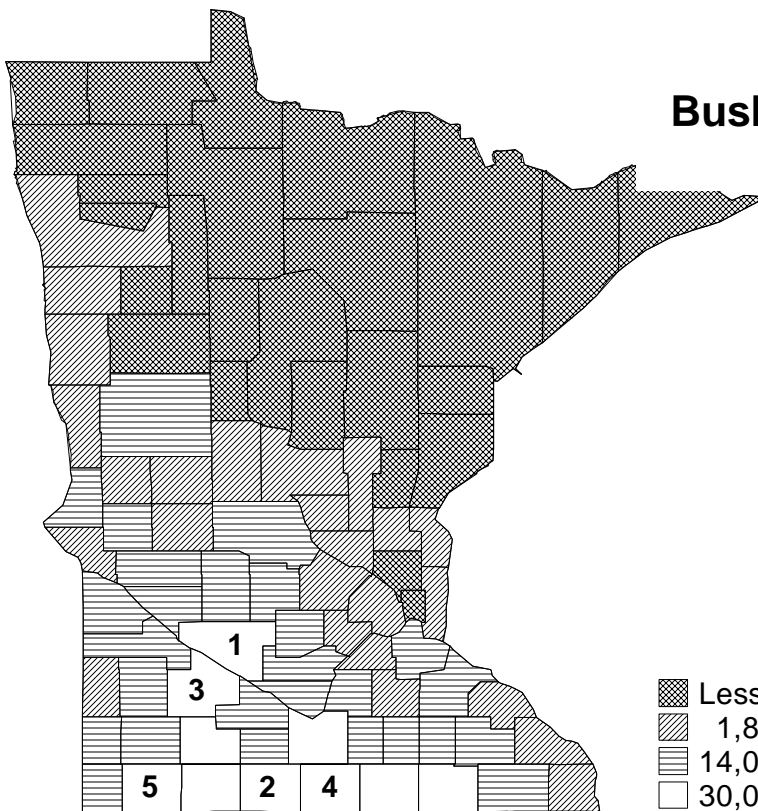
Minnesota's  
Top Five  
Production  
Counties

- 1-Redwood
- 2-Martin
- 3-Renville
- 4-Blue Earth
- 5-Nobles



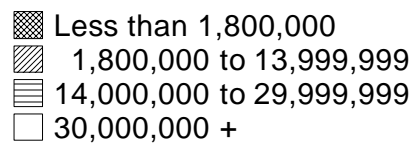
## CORN

### Bushels Produced in 2004



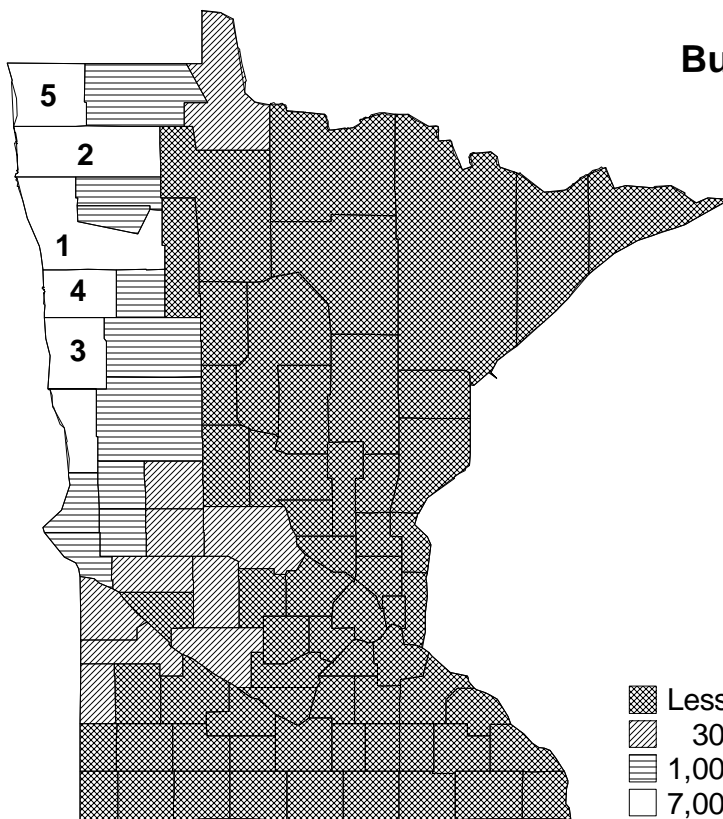
Minnesota's  
Top Five  
Production  
Counties

- 1-Renville
- 2-Martin
- 3-Redwood
- 4-Faribault
- 5-Nobles



## ALL WHEAT

### Bushels Produced in 2004



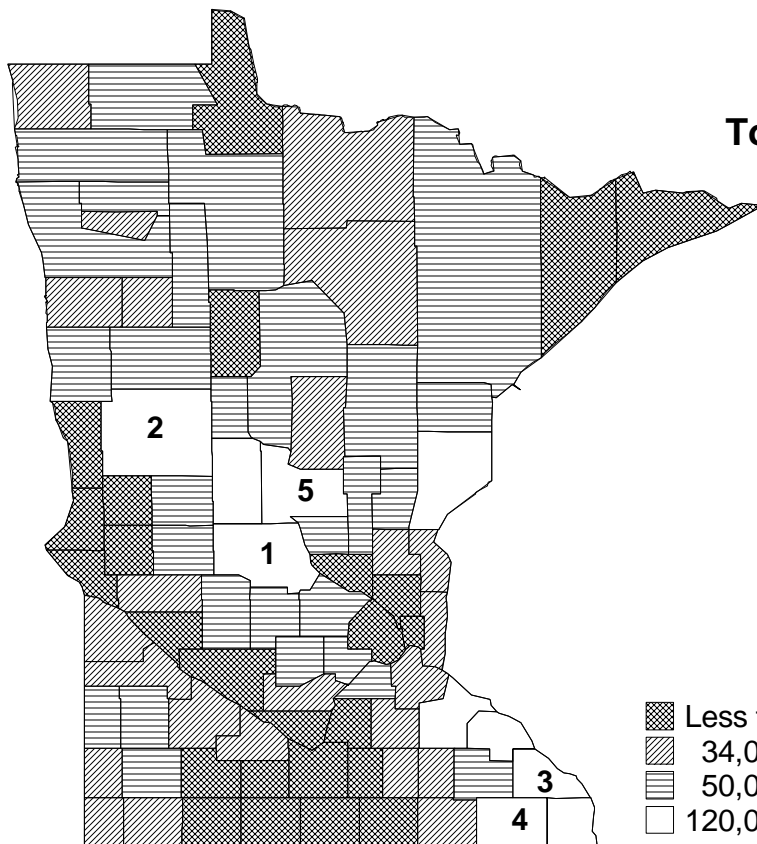
Minnesota's  
Top Five  
Production  
Counties

1-Polk  
2-Marshall  
3-Clay  
4-Norman  
5-Kittson

Less than 300,000  
300,000 to 999,999  
1,000,000 to 6,999,999  
7,000,000 +

## ALL HAY

### Tons Produced in 2004



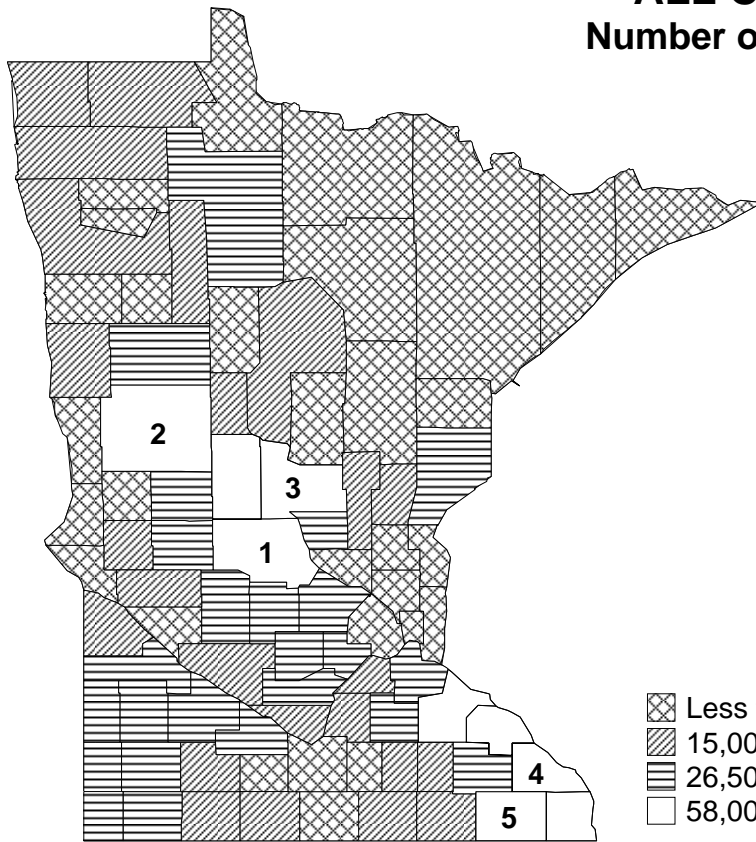
Minnesota's  
Top Five  
Production  
Counties

1-Stearns  
2-Otter Tail  
3-Winona  
4-Fillmore  
5-Morrison

Less than 34,000  
34,000 to 49,999  
50,000 to 119,999  
120,000 +

## ALL CATTLE & CALVES

### Number of Head, January 1, 2005



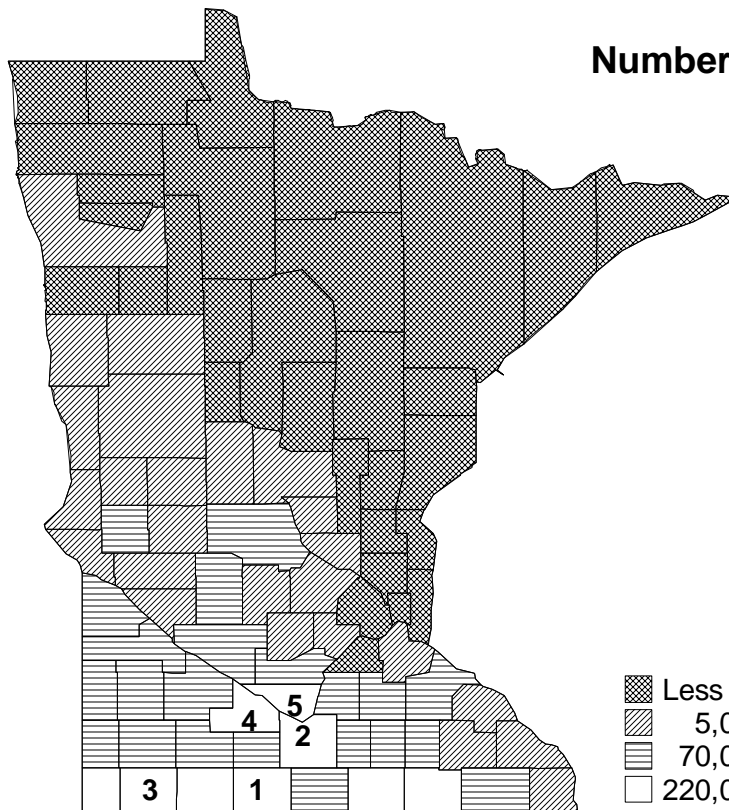
Minnesota's  
Top Five  
All Cattle  
& Calves  
Counties

1-Stearns  
2-Otter Tail  
3-Morrison  
4-Winona  
5-Fillmore

Less than 15,000  
15,000 to 26,499  
26,500 to 57,999  
58,000 +

## ALL HOGS

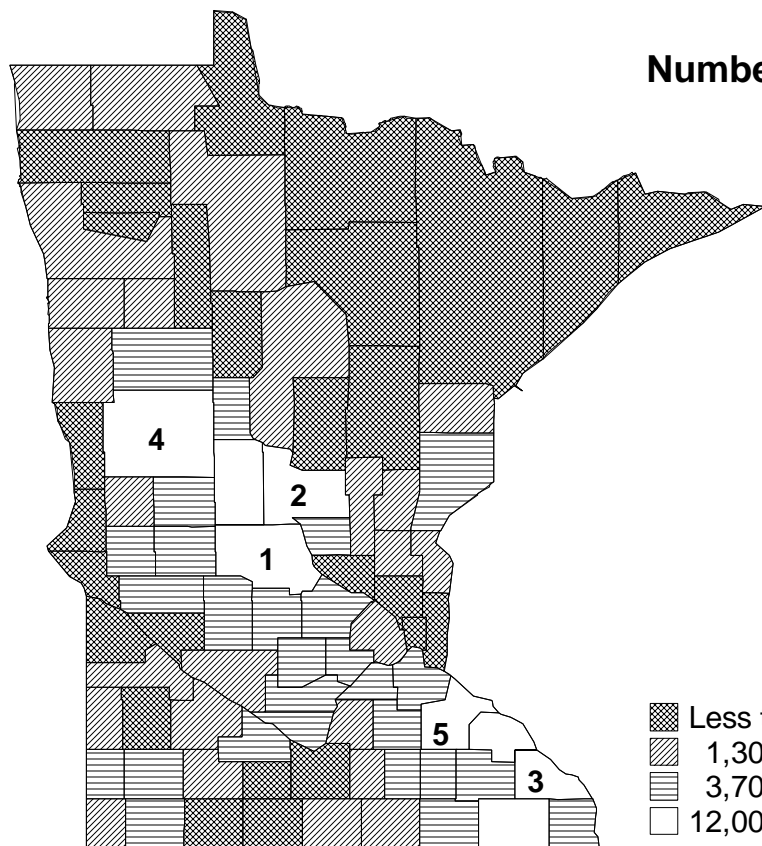
### Number of Head, December 1, 2004



Minnesota's  
Top Five  
All Hog  
Counties

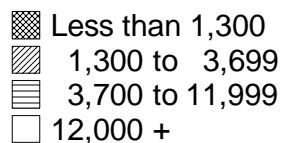
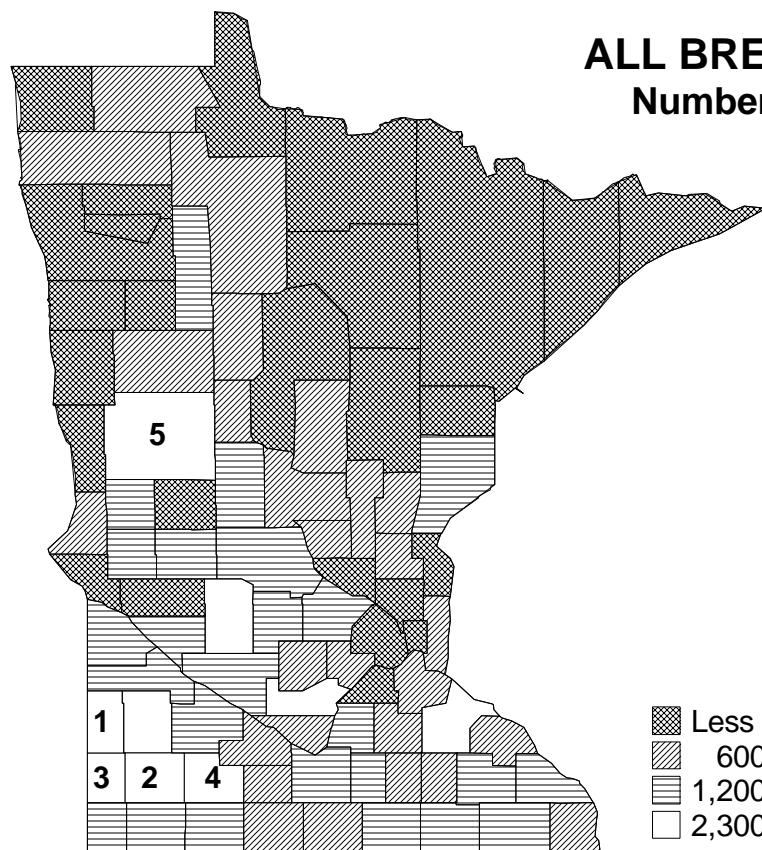
1-Martin  
2-Blue Earth  
3-Nobles  
4-Brown\*  
5-Nicollet\*  
\*Tied for 4th

Less than 5,000  
5,000 to 69,999  
70,000 to 219,999  
220,000 +

**MILK COWS****Number of Head, January 1, 2005**

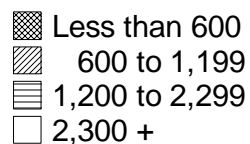
Minnesota's  
Top Five  
Milk Cow  
Counties

- 1-Stearns
- 2-Morrison
- 3-Winona
- 4-Otter Tail
- 5-Goodhue

**ALL BREEDING SHEEP & LAMBS****Number of Head, January 1, 2005**

Minnesota's  
Top Five  
All Breeding  
Sheep &  
Lambs  
Counties

- 1-Lincoln
- 2-Murray
- 3-Pipestone
- 4-Cottonwood
- 5-Otter Tail



## LIVESTOCK SUMMARY

Cattle numbers on Minnesota farms on January 1, 2005, were unchanged from the January 1, 2004 inventory. Minnesota's 2004 calf crop at 830,000 was down 2 percent from 2003. Meanwhile, sheep and lambs were up 4 percent from the January 1, 2004 inventory. The inventory of all hogs on December 1, 2004, was unchanged from a year earlier. Annual farrowings, at 1,140,000, were 4 percent above the previous year. A pig crop of 10,302,000 was produced in the state during 2004, up 5 percent from 2003. The average annual litter rate of 9.04 was up from 8.91 in 2003. All chickens on farms were down 3 percent from a year earlier.

The combined value of all livestock and poultry on Minnesota farms was \$3.1 billion at the end of 2004. All cattle and calves, valued at \$2.3 billion, were up 13 percent from a year earlier. The value of hogs on hand on December 1, 2004, accounted for \$780 million, up 52 percent; all sheep and lambs, \$19.1 million, up 13 percent; and all chickens, \$20.3 million, down 1 percent from last year.

The number of cattle operations was down 1,000 from last year while hog operations dropped 700 from 2003. Operations with milk cows decreased 500 and beef cow operations were down 100. All sheep operations were down 100 from the previous year.



### LIVESTOCK: January 1 Inventory, Minnesota, 2001-2005

Year	All Cattle	Cattle on Feed	Milk Cows 1,000 Head	Beef Cows	Hogs 1/	All Sheep
2001	2,550	290	520	410	5,800	170
2002	2,500	285	500	400	5,800	160
2003	2,450	300	480	400	6,100	150
2004	2,400	310	465	395	6,500	140
2005	2,400	290	460	395	6,500	145

1/ Inventory as of December 1 previous year.

### LIVESTOCK: Number of Operations, Minnesota, 2000-2004 1/

Number of Operations With:

Year	All Cattle	Milk Cows	Beef Cows Operations	Hogs	All Sheep
2000	30,000	8,500	15,800	7,300	3,000
2001	29,000	7,800	15,500	6,500	2,900
2002	29,000	7,200	15,500	5,800	2,800
2003	28,000	6,600	15,300	5,700	2,700
2004	27,000	6,100	15,200	5,000	2,600

1/ An operation is any farm having one or more head of livestock on hand at any time during the year. Some farms will be in more than one category.

**CATTLE: Operations and Inventory by Size Groups, Minnesota, 2000-2004**

Year	Number of Operations Having:					Percent of Inventory on Operations Having:				
	1-49 Head	50-99 Head	100-499 Head	500-999 Head	1,000+ Head	1-49 Head	50-99 Head	100-499 Head	500-999 Head	1,000+ Head
	<u>Number</u>					<u>Percent</u>				
2000	14,800	7,400	7,400	300	100	12.5	20.0	53.0	8.0	6.5
2001	14,700	6,800	7,000	380	120	13.0	19.0	50.0	10.0	8.0
2002	14,700	6,800	7,000	380	120	13.0	19.0	50.0	10.0	8.0
2003	14,500	6,000	7,000	360	140	13.0	17.0	51.0	9.5	9.5
2004	14,300	5,600	6,600	360	140	13.0	17.0	51.0	10.0	9.0

**BEEF COWS: Operations and Inventory by Size Groups, Minnesota, 2000-2004**

Year	Number of Operations Having:				Percent of Inventory on Operations Having:			
	1-49 Head	50-99 Head	100-499 Head	500+ Head	1-49 Head	50-99 Head	100-499 Head	500+ Head
	<u>Number</u>				<u>Percent</u>			
2000	13,600	1,600	585	15	49.0	26.0	22.2	2.8
2001	13,300	1,600	585	15	49.0	25.0	23.2	2.8
2002	13,200	1,600	680	20	48.0	25.0	23.5	3.5
2003	12,900	1,650	730	20	46.0	26.0	24.5	3.5
2004	12,700	1,700	780	20	43.5	27.0	26.0	3.5

**MILK COWS: Operations and Inventory by Size Groups, Minnesota, 2000-2004**

Year	Number of Operations Having:						Percent of Inventory on Operations Having:					
	1-29 Head	30-49 Head	50-99 Head	100-199 Head	200-499 Head	500+ Head	1-29 Head	30-49 Head	50-99 Head	100-199 Head	200-499 Head	500+ Head
	<u>Number</u>						<u>Percent</u>					
2000	1,300	3,000	3,200	700	250	50	4.7	21.0	38.0	15.0	14.0	7.3
2001	1,100	2,700	3,000	700	250	50	4.0	20.0	38.0	16.0	14.0	8.0
2002	930	2,400	2,900	670	240	60	3.5	19.0	37.5	16.0	14.0	10.0
2003	750	2,200	2,700	660	230	60	3.0	18.0	37.0	17.0	14.5	10.5
2004	670	2,000	2,500	640	230	60	3.0	17.0	36.0	17.0	15.0	12.0

**HOGS: Operations and Inventory by Size Groups, Minnesota, 2000-2004**

Year	Number of Operations Having:						Percent of Inventory on Operations Having:					
	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head
	<u>Number</u>						<u>Percent</u>					
2000	2,200	2,400	1,100	750	610	240	1.0	7.0	11.0	14.0	26.0	41.0
2001	2,000	2,000	1,000	600	650	250	1.0	6.0	10.0	12.0	28.0	43.0
2002	1,800	1,500	900	630	700	270	1.0	5.0	9.0	12.0	30.0	43.0
2003	1,800	1,400	900	620	710	270	1.0	4.0	9.0	11.0	30.0	45.0
2004	1,300	1,300	780	600	730	290	0.5	4.5	8.0	10.0	31.0	46.0

**LIVESTOCK, DAIRY, AND POULTRY: Production Records, Minnesota and United States**

Item	Record Number	Record High Date	Item	Record Number	Record High Date
<b>All Cattle Inventories</b>		Jan 1,	<b>Annual Pig Crop</b>		
Minnesota	4,518,000	1964 & 1965	Minnesota	10,302	2004
United States	132,028,000	1975	United States	121,807,000	1944
<b>Beef Cows</b>		Jan 1,	<b>Annual Milk Production (Mil. Lbs.):</b>		
Minnesota	751,000	1976	Minnesota	11,155	1964
United States	45,712,000	1975	United States	170,805	2004
<b>Milk Cows</b>		Jan 1,	<b>Milk Production Per Cow (Lbs.)</b>		
Minnesota	1,893,000	1934	Minnesota	17,777	2000
United States	27,770,000	1945	United States	18,957	2004
<b>Cattle on Feed</b>		Jan 1,	<b>All Sheep And Lambs</b>		Jan 1,
Minnesota	589,000	1970	Minnesota	1,496,000	1943
United States	14,432,000	1973	United States	56,213,000	1942
<b>Calves Born</b>			<b>Breeding Sheep</b>		Jan 1,
Minnesota	1,867,000	1944	Minnesota	1,201,000	1942 & 1943
United States	50,873,000	1974	United States	49,346,000	1942
<b>All Hogs by Qtr</b>			<b>Lamb Crop</b>		
March 1 1/			Minnesota	1,015,000	1942
Minnesota	6,500,000	2004	United States	32,610,000	1941
June 1 2/			<b>All Chickens</b>		Dec 1,
Minnesota	6,600,000	2004	Minnesota	31,742,000	1944
September 1 1/			United States	582,197,000	1944
Minnesota	6,600,000	2004	<b>Eggs Per Layer</b>		
December 1 1/			Minnesota	270	2004
Minnesota	6,500,000	2003	United States	260	2004
United States	83,741,000	1944	<b>Turkeys Raised</b>		
<b>Annual Pigs Per Litter</b>			Minnesota	46,300,000	1990
Minnesota	9.04	2004	United States	302,713,000	1996
United States	8.94	2004			

1/ March 1, September 1, and December 1 data available since 1954.  
 2/ June 1 estimates were started in 1950.



**LIVESTOCK AND POULTRY: Inventory and Values, Minnesota, 2003-2005**

Class	Number on Farms			Value per Head			Total Inventory Value		
	2003	2004	2005	2003	2004	2005	2003	2004	2005
	----- 1,000 Head -----			----- Dollars -----			----- 1,000 Dollars -----		
<b>All Cattle &amp; Calves, Jan 1</b>	2,450	2,400	2,400	770.00	870.00	950.00	1,886,500	2,088,000	2,280,000
Total Cows That Have Calved	880	860	855						
Beef Cows	400	395	395						
Milk Cows	480	465	460						
Total Heifers 500 Lbs. and Over	575	570	555						
Beef Replacement	100	100	95						
Milk Replacement	295	280	270						
Other	180	190	190						
Steers 500 Lbs. and Over	460	450	440						
Bulls 500 Lbs. and Over	35	35	40						
Calves Under 500 Lbs.	500	485	510						
Cattle & Calves on Feed, Jan 1	300	310	290						
Calf Crop	850	830	--						
<b>All Hogs &amp; Pigs, Dec 1 1/</b>	6,100	6,500	6,500	85.00	79.00	120.00	518,500	513,500	780,000
Market Hogs & Pigs, Dec 1 1/	5,520	5,900	5,900						
Breeding Hogs, Dec 1 1/	580	600	600						
Annual Pig Crop	9,806	10,302	--						
<b>All Sheep &amp; Lambs, Jan 1</b>	150	140	145	98.00	121.00	132.00	14,700	16,940	19,140
Breeding Sheep & Lambs	105	100	100						
Ewes 1 Year and Older	85	80	80						
Rams 1 Year and Older	5	5	5						
Replacement Lambs	15	15	15						
Market Sheep & Lambs	45	40	45						
Lambs Under 65 Lbs.	10	8	9						
Lambs 65-84 Lbs.	9	10	11						
Lambs 85-105 Lbs.	12	12	13						
Lambs Over 105 Lbs.	13	9	11						
Sheep	1	1	1						
Lamb Crop	135	135	--						
<b>All Chickens, Dec 1 1/ 2/</b>	15,005	14,600	14,465	1.30	1.40	1.40	19,507	20,440	20,251
Total Layers	11,780	11,310	11,325						
Pullets for Layer Replacements	3,175	3,230	3,090						
Other Chickens	50	60	50						

1/ December 1 preceding year.

2/ Excludes commercial broilers.

**CATTLE AND CALVES: Inventory, Supply, and Disposition, Minnesota, 2000-2005**

Year	All Cattle and Calves 1/	Calf Crop	Cattle On Feed 1/	Inshipments	Marketings 2/		Farm Slaughter 3/	Deaths	
					Cattle	Calves		Cattle	Calves
					1,000 Head				
2000	2,550	910	285	425	1,032	142	6	55	100
2001	2,550	890	290	360	1,007	137	6	50	100
2002	2,500	880	285	350	987	137	6	55	95
2003	2,450	850	300	335	952	137	6	50	90
2004	2,400	830	310	325	892	127	6	45	85
2005	2,400	--	290	--	--	--	--	--	--

1/ All cattle and calves and cattle on feed inventory numbers refer to January 1.

2/ Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.

3/ Excludes custom slaughter for farmers at commercial establishments.

**CATTLE AND CALVES: Production and Income, Minnesota, 2000-2004**

Year	Production 1/	Marketings 2/	Average Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
			Cattle	Calves				
	----- 1,000 Pounds -----		----- Dollars -----		----- 1,000 Dollars -----			
2000	1,157,288	1,415,800	62.20	94.80	714,369	896,602	14,117	910,719
2001	1,133,665	1,395,900	65.90	95.20	742,711	935,325	15,134	950,459
2002	1,149,995	1,380,000	60.00	85.40	683,153	841,716	14,225	855,941
2003	1,096,299	1,332,400	73.40	94.60	789,105	989,430	16,892	1,006,322
2004	1,066,671	1,273,825	76.20	113.00	809,517	989,285	18,001	1,007,286

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

3/ Receipts from marketings and sale of farm slaughter.



**ALL CATTLE, CATTLE ON FEED, AND ALL BREEDING SHEEP & LAMBS: January 1  
Inventory By County and District, Minnesota, 2004-2005**

County and District 1/	All Cattle and Calves		Cattle and Calves on Feed		All Breeding Sheep and Lambs	
	2004	2005	2004	2005	2004	2005
	<u>Number</u>					
Becker	31,000	31,000	2,000	1,900	600	600
Clay	17,000	17,000	1,700	1,700	500	500
Clearwater	26,000	26,000	--	--	1,800	1,700
Kittson	15,000	15,500	800	900	--	--
Mahnomen	10,000	10,000	500	--	--	--
Marshall	15,500	16,000	700	600	800	800
Norman	9,500	9,500	800	700	--	--
Pennington	9,000	9,000	--	--	--	--
Polk	22,000	21,500	1,400	1,200	600	500
Red Lake	11,000	11,000	--	--	--	--
Roseau	25,000	24,500	--	--	800	900
Combined Counties	--	--	1,100	1,500	900	1,000
<b>Northwest</b>	191,000	191,000	9,000	8,500	6,000	6,000
Beltrami	28,000	28,500	700	600	1,000	1,000
Cass	26,000	26,000	--	--	--	--
Hubbard	9,500	9,500	500	--	900	900
Itasca	9,000	9,500	--	--	--	--
Koochiching	5,500	5,500	--	--	--	--
Lake of the Woods	5,000	5,000	--	--	--	--
Combined Counties	--	--	400	900	1,100	1,100
<b>North Central</b>	83,000	84,000	1,600	1,500	3,000	3,000
St. Louis	13,500	13,500	--	500	500	500
Combined Counties	500	500	300	--	--	--
<b>Northeast</b>	14,000	14,000	300	500	500	500
Big Stone	8,000	8,000	800	700	--	--
Chippewa	9,000	9,000	1,400	1,400	1,400	1,500
Douglas	26,500	27,000	2,400	2,400	500	500
Grant	5,000	5,000	700	--	1,800	1,900
Lac Qui Parle	18,000	18,500	1,700	1,800	1,700	1,600
Otter Tail	98,000	97,500	4,700	4,300	3,600	3,100
Pope	35,500	35,500	2,800	2,800	1,200	1,300
Stevens	25,000	25,000	7,300	6,500	1,400	1,500
Swift	19,500	19,500	4,200	4,000	--	--
Traverse	6,000	6,500	1,800	1,600	500	600
Wilkin	4,500	4,500	500	--	--	--
Yellow Medicine	27,000	27,000	4,700	4,400	1,300	1,300
Combined Counties	--	--	--	1,100	600	700
<b>West Central</b>	282,000	283,000	33,000	31,000	14,000	14,000
Benton	36,000	35,000	3,500	3,100	700	700
Carver	33,500	33,000	3,000	2,900	600	600
Kandiyohi	26,500	26,500	2,500	2,600	2,300	2,500
McLeod	32,000	32,000	4,100	3,700	600	600
Meeker	28,000	27,500	3,200	3,000	1,600	1,600
Morrison	89,000	88,000	4,600	3,900	1,200	1,100
Renville	24,000	25,000	8,000	7,200	2,000	2,100
Scott	21,000	21,000	2,800	2,500	--	--
Sherburne	10,000	10,000	2,600	2,200	--	--
Sibley	30,000	30,500	5,700	6,000	2,700	2,700
Stearns	190,000	190,000	16,600	14,500	1,300	1,400
Todd	65,000	65,000	--	--	2,400	2,100
Wadena	20,000	21,000	--	--	1,200	1,100
Wright	41,000	41,500	4,600	4,500	1,600	1,700
Combined Counties	--	--	2,800	2,900	800	800
<b>Central</b>	646,000	646,000	64,000	59,000	19,000	19,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**ALL CATTLE, CATTLE ON FEED, AND ALL BREEDING SHEEP & LAMBS: January 1  
Inventory By County and District, Minnesota, 2004-2005 (continued)**

County and District 1/	All Cattle and Calves		Cattle and Calves on Feed		All Breeding Sheep and Lambs	
	2004	2005	2004	2005	2004	2005
	<u>Number</u>					
Aitkin	13,000	13,000	--	--	--	--
Carlton	11,500	11,500	--	--	--	--
Chisago	12,500	12,500	700	700	--	--
Crow Wing	13,000	13,000	500	--	600	600
Hennepin	8,000	7,500	1,000	1,000	--	--
Isanti	9,500	9,500	1,000	1,000	800	700
Kanabec	24,000	23,000	1,700	1,800	600	700
Mille Lacs	19,000	19,000	1,000	900	1,000	900
Pine	32,000	32,500	900	900	1,600	1,500
Washington	7,500	7,500	1,100	1,100	800	600
Combined Counties	3,000	3,000	700	1,100	1,600	1,500
<b>East Central</b>	153,000	152,000	8,600	8,500	7,000	6,500
Cottonwood	26,500	26,000	9,900	8,400	3,400	3,200
Jackson	19,500	19,000	6,500	6,300	1,700	1,900
Lincoln	28,000	28,500	5,900	5,800	4,400	4,500
Lyon	48,000	48,000	18,500	17,000	2,800	2,900
Murray	39,000	39,000	9,200	8,000	4,600	4,400
Nobles	46,000	46,000	13,500	12,500	1,800	1,700
Pipestone	35,500	36,000	5,000	5,300	4,600	4,300
Redwood	42,000	40,500	14,500	12,700	1,200	1,500
Rock	53,500	54,000	16,000	15,000	1,500	1,600
<b>Southwest</b>	338,000	337,000	99,000	91,000	26,000	26,000
Blue Earth	14,000	14,000	2,900	2,700	2,100	2,100
Brown	39,500	38,500	9,400	8,400	900	900
Faribault	12,500	13,000	3,500	3,600	800	800
Freeborn	15,500	15,500	3,700	3,400	1,300	1,300
Le Sueur	18,000	19,000	4,900	4,600	1,200	1,300
Martin	20,000	21,000	7,700	7,700	1,100	1,100
Nicollet	19,000	19,000	3,600	3,100	1,000	1,000
Rice	28,000	27,500	1,800	1,800	900	1,000
Steele	20,000	19,000	2,100	1,900	700	600
Waseca	14,000	13,500	3,000	2,600	1,300	1,200
Watonwan	12,500	13,000	4,400	4,200	700	700
<b>South Central</b>	213,000	213,000	47,000	44,000	12,000	12,000
Dakota	30,000	30,000	8,100	7,600	700	700
Dodge	23,000	22,500	2,300	2,200	500	600
Fillmore	77,000	77,500	5,800	6,100	2,100	2,000
Goodhue	68,000	67,000	5,500	5,000	2,700	2,700
Houston	58,500	59,000	5,900	5,600	900	1,000
Mower	25,500	25,500	4,600	4,100	1,100	1,300
Olmsted	50,500	50,500	5,900	6,100	1,300	1,500
Wabasha	62,500	64,000	4,200	4,300	1,000	1,000
Winona	85,000	84,000	5,200	5,000	2,200	2,200
<b>Southeast</b>	480,000	480,000	47,500	46,000	12,500	13,000
<b>Minnesota</b>	2,400,000	2,400,000	310,000	290,000	100,000	100,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**BEEF COWS AND MILK COWS: January 1 Inventory  
By County and District, Minnesota, 2004-2005**

County and District 1/	Beef Cows		Milk Cows	
	2004	2005	2004	2005
	<u>Number</u>			
Becker	7,500	7,600	6,500	6,300
Clay	4,500	4,500	1,900	1,800
Clearwater	9,500	9,600	1,000	1,000
Kittson	7,200	7,100	1,700	1,600
Mahnomen	3,000	3,100	1,700	1,500
Marshall	5,900	5,900	600	500
Norman	2,400	2,500	2,000	1,900
Pennington	3,900	3,900	500	500
Polk	7,700	7,600	2,500	2,300
Red Lake	4,500	4,500	1,000	900
Roseau	8,900	8,700	2,300	2,200
<b>Northwest</b>	65,000	65,000	21,700	20,500
Beltrami	11,000	11,200	2,000	1,900
Cass	11,700	11,600	1,800	1,800
Hubbard	4,000	4,000	700	--
Itasca	4,500	4,600	--	--
Koochiching	2,800	2,700	--	--
Lake of the Woods	2,000	1,900	--	--
Combined Counties	--	--	700	1,000
<b>North Central</b>	36,000	36,000	5,200	4,700
St. Louis	5,700	5,700	1,000	1,000
Combined Counties	300	300	--	--
<b>Northeast</b>	6,000	6,000	1,000	1,000
Big Stone	2,000	1,900	900	900
Chippewa	1,900	1,900	500	--
Douglas	3,500	3,600	8,200	7,500
Grant	700	700	900	1,500
Lac Qui Parle	4,700	4,900	1,200	1,000
Otter Tail	17,000	17,100	24,200	23,800
Pope	5,500	5,600	6,400	6,200
Stevens	2,300	2,200	2,900	7,500
Swift	2,600	2,500	4,200	4,100
Traverse	1,200	1,200	--	--
Wilkin	1,300	1,300	700	--
Yellow Medicine	4,300	4,100	3,100	3,000
Combined Counties	--	--	--	800
<b>West Central</b>	47,000	47,000	53,200	56,300
Benton	4,100	4,000	12,100	11,900
Carver	1,500	1,500	11,600	11,000
Kandiyohi	2,400	2,300	7,300	7,200
McLeod	1,900	1,900	8,900	8,700
Meeker	3,000	2,900	7,700	7,500
Morrison	15,600	15,500	26,100	26,400
Renville	1,300	1,300	2,600	2,600
Scott	1,600	1,600	5,800	5,500
Sherburne	1,400	1,400	900	800
Sibley	2,000	2,000	7,700	7,600
Stearns	10,300	10,100	62,000	62,500
Todd	13,500	13,300	17,800	17,400
Wadena	5,300	5,200	4,700	4,300
Wright	4,100	4,000	11,200	10,900
<b>Central</b>	68,000	67,000	186,400	184,300

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**BEEF COWS AND MILK COWS: January 1 Inventory  
By County and District, Minnesota, 2004-2005 (continued)**

County and District 1/	Beef Cows		Milk Cows	
	2004	2005	2004	2005
	<u>Number</u>			
Aitkin	6,500	6,500	800	700
Anoka	800	800	--	--
Carlton	4,000	4,100	1,800	1,800
Chisago	2,900	2,900	2,300	2,200
Crow Wing	5,700	6,000	1,400	1,200
Hennepin	1,100	1,000	2,000	1,900
Isanti	2,300	2,300	1,600	1,500
Kanabec	7,900	7,500	2,200	2,100
Mille Lacs	4,100	3,900	3,900	3,500
Pine	9,700	10,000	5,900	5,400
Washington	2,000	2,000	1,100	1,100
Combined Counties	--	--	400	300
<b>East Central</b>	47,000	47,000	23,400	21,700
Cottonwood	2,900	3,000	1,300	1,300
Jackson	2,200	2,100	600	600
Lincoln	5,000	5,300	2,700	2,700
Lyon	4,100	4,300	1,300	1,100
Murray	4,700	4,900	4,300	4,200
Nobles	3,300	3,300	4,500	4,600
Pipestone	8,100	8,300	4,700	4,600
Redwood	3,800	4,000	1,700	1,500
Rock	6,900	6,800	2,700	2,900
<b>Southwest</b>	41,000	42,000	23,800	23,500
Blue Earth	1,300	1,300	1,200	1,000
Brown	3,100	3,100	6,600	6,500
Faribault	1,100	1,200	2,500	2,400
Freeborn	2,100	2,100	1,500	1,400
Le Sueur	2,200	2,100	3,700	3,500
Martin	1,400	1,500	1,200	1,200
Nicollet	800	800	6,800	6,800
Rice	2,800	2,700	8,600	8,400
Steele	1,300	1,300	4,700	4,600
Waseca	1,400	1,400	2,600	2,400
Watonwan	500	500	900	800
<b>South Central</b>	18,000	18,000	40,300	39,000
Dakota	2,000	2,100	3,800	3,700
Dodge	1,900	1,800	6,300	6,300
Fillmore	18,600	18,700	12,600	12,400
Goodhue	6,500	6,600	21,000	20,500
Houston	9,800	9,600	9,600	9,600
Mower	3,300	3,100	5,100	5,000
Olmsted	9,400	9,200	8,900	8,600
Wabasha	8,000	8,100	17,200	17,600
Winona	7,500	7,800	25,500	25,300
<b>Southeast</b>	67,000	67,000	110,000	109,000
<b>Minnesota</b>	395,000	395,000	465,000	460,000

1/ County data published in combined counties or districts to avoid disclosure of individual operation.

**HOGS AND PIGS: Sows Farrowed, Pig Crop, and Disposition, Minnesota, 2000-2004**

Year	Spring Sows Farrowed	Spring Pig Crop	Fall Sows Farrowed	Fall Pig Crop	Annual Farrowings 1/	Total Pig Crop	Annual Litter Rate	Inship- ments	Marketings 2/	Deaths	All Hogs On Farms Dec 1
	----- 1,000 Head -----						Head	----- 1,000 Head -----			
2000	505	4,496	530	4,769	1,035	9,265	8.95	3,150	11,581	530	5,800
2001	530	4,771	530	4,770	1,060	9,541	9.00	4,050	12,957	630	5,800
2002	530	4,705	540	4,793	1,070	9,498	8.88	4,550	13,094	650	6,100
2003	545	4,838	555	4,968	1,100	9,806	8.91	5,350	14,072	680	6,500
2004	575	5,175	565	5,127	1,120	10,302	9.04	5,125	14,663	760	6,500

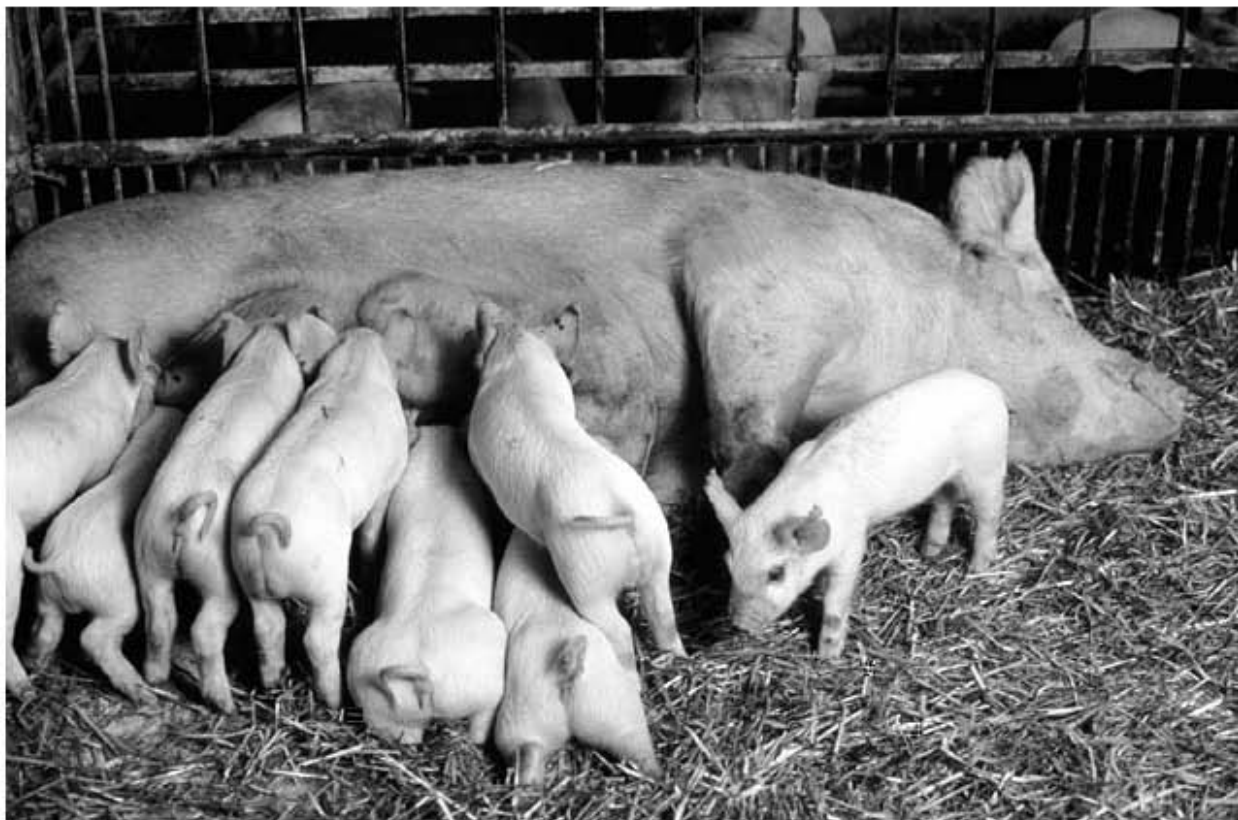
1/ Includes sows that have farrowed more than one time.

2/ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

**HOGS: Sows Farrowed, Pigs per Litter, Pig Crop, by Quarters, Minnesota, 2000-2004**

Year	December-February 1/			March-May			June-August			September-November		
	Sows Farrowed	Pigs Per Litter	Pig Crop	Sows Farrowed	Pigs Per Litter	Pig Crop	Sows Farrowed	Pigs Per Litter	Pig Crop	Sows Farrowed	Pigs Per Litter	Pig Crop
	1,000 Head	Head	- 1,000 Head -	Head	- 1,000 Head -	Head	Head	- 1,000 Head -	Head	- 1,000 Head -	Head	1,000 Head
2000	245	8.80	2,156	260	9.00	2,340	260	9.10	2,366	270	8.90	2,403
2001	260	8.95	2,327	270	9.05	2,444	265	9.00	2,385	265	9.00	2,385
2002	260	8.80	2,288	270	8.95	2,417	265	8.85	2,345	275	8.90	2,448
2003	265	8.80	2,332	280	8.95	2,506	275	8.90	2,448	280	9.00	2,520
2004	285	9.05	2,579	290	8.95	2,596	285	9.05	2,579	280	9.10	2,548

1/ December previous year.



### HOGS AND PIGS: All Breeding and Market Hogs and Pigs by Quarter, Minnesota, 2000-2005

Year and Quarter	All Hogs and Pigs	For Breeding Purposes	Market Hogs and Pigs				
			Under 60 Lbs.	60-119 Lbs.	120-79 Lbs.	180 Lbs. and Over	Total Market
			1,000 Head				
2000							
March	5,400	570	1,910	1,150	960	810	4,830
June	5,700	580	2,060	1,250	1,020	790	5,120
September	5,600	580	2,080	1,220	950	770	5,020
December	5,800	600	2,110	1,270	1,040	780	5,200
2001							
March	5,800	590	2,020	1,330	1,090	770	5,210
June	5,800	590	2,140	1,300	1,050	720	5,210
September	5,900	590	2,190	1,320	1,060	740	5,310
December	5,800	570	2,130	1,250	1,030	820	5,230
2002							
March	5,900	570	2,120	1,360	1,060	790	5,330
June	6,000	580	2,110	1,400	1,100	810	5,420
September	6,200	580	2,170	1,450	1,200	800	5,620
December	6,100	580	2,110	1,350	1,130	930	5,520
2003							
March	6,100	600	2,110	1,320	1,190	880	5,500
June	6,300	600	2,300	1,390	1,180	830	5,700
September	6,500	600	2,300	1,510	1,260	830	5,900
December	6,500	600	2,210	1,420	1,250	1,020	5,900
2004							
March	6,500	600	2,250	1,410	1,280	960	5,900
June	6,600	600	2,380	1,420	1,260	940	6,000
September	6,600	590	2,420	1,440	1,240	910	6,010
December	6,500	600	2,250	1,420	1,250	980	5,900
2005							
March	6,300	590	2,230	1,390	1,250	840	5,710

### HOGS AND PIGS: Production and Income, Minnesota, 2000-2004

Year	Production 1/	Marketings 2/	Average Price Per 100 Lbs	Value of Production 3/	Cash Receipts 4/	Value of Home Consumption	Gross Income
	----- 1,000 Pounds -----		Dollars	----- 1,000 Dollars -----			
2000	2,514,895	2,666,359	44.00	1,083,307	1,207,465	1,866	1,209,331
2001	2,773,774	3,000,504	45.50	1,230,885	1,410,773	1,929	1,412,702
2002	2,785,923	2,968,425	34.60	937,027	1,059,829	1,487	1,061,316
2003	3,016,013	3,196,689	38.40	1,126,944	1,266,668	1,542	1,268,210
2004	3,097,695	3,347,923	49.80	1,504,589	1,724,514	1,990	1,726,504

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

3/ Includes allowance for higher average price of state inshipments and outshipments of feeder pigs.

4/ Receipts from marketings and sale of farm slaughter. Includes allowance for higher average price of state inshipments and outshipments of feeder pigs.

### HOGS AND PIGS: Inventory, Farrowings, and Pig Crop, by County and District, Minnesota, 2003-04

County and District 1/	All Hogs Dec. 1		Annual Farrowings		Annual Pig Crop	
	2003	2004	2003	2004	2003	2004
	<u>Number</u>					
Becker	9,500	10,000	2,200	2,400	19,000	21,000
Clay	19,000	19,500	2,000	2,100	17,000	18,000
Kittson	1,400	1,300	500	500	4,100	4,200
Norman	3,000	2,700	700	600	6,100	5,500
Polk	9,500	8,800	2,700	2,500	24,500	23,000
Combined Counties	8,100	7,700	900	900	7,300	7,300
<b>Northwest</b>	50,500	50,000	9,000	9,000	78,000	79,000
Combined Counties	2,700	2,500	600	600	4,800	4,800
<b>North Central</b>	2,700	2,500	600	600	4,800	4,800
Combined Counties	800	500	400	400	3,200	3,200
<b>Northeast</b>	800	500	400	400	3,200	3,200
Big Stone	43,000	41,000	8,500	8,000	76,000	72,000
Chippewa	35,000	33,000	6,500	6,500	55,000	55,000
Douglas	13,000	13,500	3,500	4,000	31,000	36,000
Grant	14,500	14,500	2,000	2,000	18,000	19,000
Lac Qui Parle	89,000	87,000	11,500	11,500	99,000	100,000
Otter Tail	23,000	24,000	6,000	6,500	54,000	59,000
Pope	43,000	44,000	12,500	13,000	103,000	110,000
Stevens	139,000	146,000	34,500	37,000	312,000	338,000
Swift	23,000	21,000	2,500	2,000	21,000	17,000
Traverse	10,500	10,000	500	500	4,000	4,000
Wilkin	24,000	20,000	3,000	2,500	27,000	23,000
Yellow Medicine	131,000	132,000	21,500	22,000	185,000	196,000
<b>West Central</b>	588,000	586,000	112,500	115,500	985,000	1,029,000
Benton	21,000	21,000	7,000	7,500	62,000	68,000
Carver	17,000	16,500	2,000	2,000	17,000	17,000
Kandiyohi	89,000	87,000	13,000	13,500	119,000	125,000
McLeod	10,000	10,000	1,600	1,500	14,400	13,400
Meeker	13,000	13,000	2,400	2,500	21,000	22,000
Morrison	20,000	19,000	3,500	4,000	29,000	34,000
Renville	242,000	201,000	54,000	54,000	488,000	495,000
Sherburne	6,500	6,000	1,000	900	9,000	8,000
Sibley	97,000	93,000	26,000	26,000	229,000	231,000
Stearns	91,000	93,000	19,500	20,000	177,000	184,000
Todd	11,500	12,000	5,400	5,500	47,000	49,000
Wright	15,000	15,500	4,400	4,500	39,000	41,000
Combined Counties	15,000	13,000	1,200	1,100	10,600	9,600
<b>Central</b>	648,000	600,000	141,000	143,000	1,262,000	1,297,000
Chisago	3,500	3,500	800	900	7,500	8,500
Crow Wing	3,400	3,100	600	600	4,800	4,800
Isanti	4,300	3,700	700	600	6,100	5,300
Kanabec	5,100	4,400	1,300	1,300	12,000	12,000
Mille Lacs	2,000	1,700	900	800	8,000	7,500
Combined Counties	4,700	4,600	1,200	1,300	9,600	10,900
<b>East Central</b>	23,000	21,000	5,500	5,500	48,000	49,000
Cottonwood	184,000	184,000	36,000	36,500	325,000	334,000
Jackson	224,000	236,000	25,000	25,000	225,000	225,000
Lincoln	87,000	84,000	23,000	23,000	204,000	207,000
Lyon	160,000	166,000	24,000	26,000	212,000	233,000
Murray	127,000	129,000	15,000	15,500	129,000	135,000
Nobles	310,000	306,000	29,000	30,000	254,000	266,000
Pipestone	210,000	216,000	52,000	56,000	469,000	522,000
Redwood	186,000	190,000	11,000	11,500	97,000	101,000
Rock	216,000	220,000	11,000	11,500	97,000	97,000
<b>Southwest</b>	1,704,000	1,731,000	226,000	235,000	2,012,000	2,120,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**HOGS AND PIGS: Inventory, Farrowings, and Pig Crop,  
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	All Hogs Dec. 1		Annual Farrowings		Annual Pig Crop	
	2003	2004	2003	2004	2003	2004
			Number			
Blue Earth	416,000	426,000	66,000	70,000	593,000	629,000
Brown	275,000	279,000	52,000	55,000	472,000	506,000
Faribault	203,000	194,000	34,000	34,000	300,000	309,000
Freeborn	240,000	238,000	43,000	44,000	380,000	394,000
Le Sueur	78,000	76,000	24,000	24,000	218,000	218,000
Martin	692,000	689,000	138,000	146,000	1,241,000	1,335,000
Nicollet	265,000	279,000	36,000	39,000	325,000	357,000
Rice	97,000	100,000	21,000	22,000	192,000	201,000
Steele	100,000	95,000	7,000	7,000	61,000	62,000
Waseca	180,000	177,000	48,000	49,000	416,000	434,000
Watsonwan	205,000	216,000	22,000	23,000	196,000	208,000
<b>South Central</b>	<b>2,751,000</b>	<b>2,769,000</b>	<b>491,000</b>	<b>513,000</b>	<b>4,394,000</b>	<b>4,653,000</b>
Dakota	25,000	23,000	4,500	4,000	39,000	35,000
Dodge	125,000	129,000	26,500	27,000	244,000	251,000
Fillmore	122,000	118,000	13,500	13,500	119,000	120,000
Goodhue	102,000	98,000	23,500	25,000	213,000	229,000
Houston	24,000	24,000	5,000	5,000	43,000	44,000
Mower	225,000	239,000	28,000	31,000	249,000	279,000
Olmsted	46,000	48,000	5,500	5,500	47,000	48,000
Wabasha	22,000	22,000	2,000	2,000	17,000	17,000
Winona	41,000	39,000	5,500	5,000	48,000	44,000
<b>Southeast</b>	<b>732,000</b>	<b>740,000</b>	<b>114,000</b>	<b>118,000</b>	<b>1,019,000</b>	<b>1,067,000</b>
<b>Minnesota</b>	<b>6,500,000</b>	<b>6,500,000</b>	<b>1,100,000</b>	<b>1,140,000</b>	<b>9,806,000</b>	<b>10,302,000</b>

1/ County data published in individual counties or districts to avoid disclosure of individual operations.



**SHEEP AND LAMBS: Inventory, Supply, and Disposition, Minnesota, 2000-2005**

Year	All Sheep and Lambs 1/	Lamb Crop	Inshipments	Marketings 2/		Farm Slaughter 3/	Deaths	
				Sheep	Lambs		Sheep	Lambs
				1,000 Head				
2000	165	145	48	11	147	1	9	20
2001	170	155	28	8	152	1	10	22
2002	160	145	22	25	127	1	7	17
2003	150	135	20	17	120	1	9	18
2004	140	135	22	13	113	1	8	17
2005	145	--	--	--	--	--	--	--

1/ Sheep and lamb inventory numbers refer to January 1.

2/ Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.

3/ Excludes custom slaughter for farmers at commercial establishments.

**SHEEP AND LAMBS: Inventory, Production, and Income, Minnesota, 2000-2004**

Year	Production 1/	Marketings 2/	Average Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	---- 1,000 Pounds ----		----- Dollars -----			----- 1,000 Dollars -----		
2000	16,518	19,005	27.40	75.40	11,530	13,617	176	13,793
2001	16,808	19,200	24.90	62.00	9,787	11,503	145	11,648
2002	15,490	18,445	22.30	71.10	10,267	11,492	156	11,648
2003	13,821	16,286	27.50	89.30	11,583	13,157	197	13,354
2004	14,215	15,195	33.50	94.70	12,512	13,316	223	13,539

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

3/ Receipts from marketings and sale of farm slaughter.

**WOOL: Sheep Shorn, Production, and Value, Minnesota, 2000-2004**

Year	Sheep Shorn 1/	Weight per Fleece	Production	Annual Average Price per Pound	Value
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
2000	155	6.7	1,035	11	114
2001	165	6.6	1,085	11	119
2002	150	6.8	1,020	20	204
2003	140	6.8	950	30	285
2004	140	6.5	910	37	337

1/ Includes sheep shorn at commercial feeding yards.



**COMMERCIAL LIVESTOCK SLAUGHTER:  
Number and Live Weight, by Month, Minnesota, 2003-04**

**Cattle**

Month	Number Slaughtered		Live Weight			
			Average Weight		Total Weight	
	2003	2004	2003	2004	2003	2004
	----- 1,000 Head -----		----- Pounds -----		----- 1,000 Pounds -----	
January	74.3	60.3	1,380	1,402	102,525	84,565
February	59.7	50.5	1,414	1,396	84,503	70,573
March	63.1	56.1	1,398	1,416	88,289	79,358
April	60.0	52.9	1,367	1,399	81,980	74,062
May	63.3	55.0	1,352	1,351	85,562	74,233
June	66.3	61.2	1,341	1,347	88,985	82,449
July	68.6	57.9	1,340	1,378	91,883	79,821
August	66.0	60.3	1,331	1,378	87,905	83,082
September	69.6	59.7	1,336	1,411	92,914	84,284
October	74.3	57.6	1,337	1,400	99,400	80,575
November	65.4	63.2	1,332	1,381	87,057	87,239
December	67.7	66.4	1,346	1,394	91,096	92,630
<b>Total</b>	798.3	701.1	1,356	1,388	1,082,097	972,870

**Hogs**

Month	Number Slaughtered		Live Weight			
			Average Weight		Total Weight	
	2003	2004	2003	2004	2003	2004
	----- 1,000 Head -----		----- Pounds -----		----- 1,000 Pounds -----	
January	780.2	762.2	264	266	206,344	203,108
February	694.8	696.1	263	265	182,684	184,253
March	736.4	818.0	264	264	194,270	216,345
April	738.5	713.1	265	264	195,690	188,290
May	706.2	683.4	262	263	185,166	179,538
June	694.4	779.6	261	264	181,329	205,515
July	732.8	739.1	260	260	190,192	192,491
August	689.9	751.8	259	260	178,563	195,615
September	768.7	789.9	261	264	200,259	208,412
October	856.6	772.2	264	265	225,888	204,307
November	742.3	771.1	266	266	197,421	205,197
December	825.6	813.3	266	264	219,525	215,078
<b>Total</b>	8,966.3	9,089.7	263	264	2,357,330	2,398,149

Note: Totals may not add due to rounding. Includes slaughter under federal inspection and other commercial slaughter. Excludes farm slaughter.



**DAIRY**

Minnesota's milk production totaled 8.10 billion pounds in 2004, down 2 percent from 2003. The state's share of national production in 2004 was 5 percent. The 12-month average number of milk cows was 463,000 versus 473,000 in 2003. The pounds of milk per milk cow averaged 17,499, up from 17,459 pounds in 2003. The count of Minnesota dairy farms licensed to sell milk to plants in January 2005 totaled 5,638. This compares with the totals of 5,969 for January 2004 and 6,466 for January 2003.

**DAIRY: Milk Production by Size Groups, Minnesota, 2000-2004**

Year	Percent of Milk Production on Operations Having:					
	1-29 Head	30-49 Head	50-99 Head	100-199 Head	200-499 Head	500+ Head
	Percent					
2000	3.5	19.0	37.0	16.0	16.0	8.5
2001	3.0	18.0	37.0	17.0	16.0	9.0
2002	2.5	17.0	36.5	17.0	16.0	11.0
2003	2.5	16.0	36.0	18.0	16.0	11.5
2004	2.5	15.0	35.0	18.0	16.5	13.0

**DAIRY: Milk Production, Disposition, and Income, Minnesota, 2000-2004**

Year	Total Milk Produced	Disposition of Milk Produced			Cash Receipts	Producer Gross Income 1/
		Used on Farms Where Produced		Sold to Plants and Dealers		
		Fed to Calves	Consumed in Farm Household			
		----- Million Pounds -----			----- 1,000 Dollars -----	
2000	9,493	95	10	9,388	1,126,560	1,127,760
2001	8,812	95	10	8,707	1,297,343	1,298,833
2002	8,458	95	5	8,358	1,011,318	1,011,923
2003	8,258	95	5	8,158	1,044,224	1,044,864
2004	8,102	95	5	8,002	1,336,334	1,337,169

1/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

**DAIRY: Manufactured Dairy Products, Minnesota, 2000-2004**

Year	All Cheese	American Cheese	Dry Whey & Whey Fraction Solids	Ice Cream	Ice Milk 1/
	----- 1,000 Pounds -----			----- 1,000 Gallons -----	
2000	693,068	651,560	292,477	44,080	10,294
2001	594,085	557,277	221,522	44,609	12,215
2002	597,254	575,756	264,127	46,136	9,794
2003	616,853	592,385	257,327	41,718	11,482
2004	623,968	594,146	237,512	42,078	8,965

1/ Lowfat and nonfat ice cream combined.

**DAIRY: Milk Cows, Milk Production, and Dairy Products, by Month, Minnesota, 2000-2004**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Milk Cows: Number on Farms, Excludes Heifers That Have Not Calved</b>													
	<u>1,000 Cows</u>												
2000	540	540	540	540	540	535	535	530	530	530	525	525	534
2001	520	520	515	515	515	510	510	505	505	500	500	500	510
2002	495	495	490	490	490	490	485	485	480	480	480	480	487
2003	480	480	480	475	475	475	475	470	470	465	465	465	473
2004	465	465	465	465	460	460	465	465	465	460	460	460	463

<b>Milk Production per Cow</b>													
	<u>Pounds</u>												
2000	1,545	1,465	1,585	1,530	1,555	1,490	1,455	1,435	1,380	1,435	1,405	1,485	17,777
2001	1,520	1,385	1,545	1,495	1,525	1,465	1,425	1,365	1,340	1,395	1,365	1,460	17,278
2002	1,515	1,385	1,560	1,510	1,540	1,445	1,415	1,410	1,340	1,390	1,380	1,485	17,368
2003	1,520	1,385	1,540	1,500	1,530	1,465	1,455	1,420	1,355	1,410	1,390	1,485	17,459
2004	1,505	1,415	1,510	1,480	1,555	1,480	1,460	1,440	1,365	1,425	1,390	1,475	17,499

<b>Milk Production on Farms</b>													
	<u>Million Pounds</u>												
2000	834	791	856	826	840	797	778	761	731	761	738	780	9,493
2001	790	720	796	770	785	747	727	689	677	698	683	730	8,812
2002	750	686	764	740	755	708	686	684	643	667	662	713	8,458
2003	730	665	739	713	727	696	691	667	637	656	646	691	8,258
2004	700	658	702	688	715	681	679	670	635	656	639	679	8,102

<b>Percentage of Fat in Milk Sold by Farmers to Dairy Plants</b>													
	<u>Percent</u>												
2000	3.79	3.77	3.75	3.74	3.65	3.62	3.58	3.57	3.67	3.77	3.81	3.83	3.71
2001	3.78	3.77	3.75	3.71	3.64	3.62	3.54	3.55	3.68	3.80	3.81	3.79	3.70
2002	3.79	3.76	3.79	3.76	3.70	3.63	3.56	3.60	3.67	3.84	3.87	3.81	3.73
2003	3.78	3.77	3.76	3.71	3.67	3.62	3.58	3.58	3.67	3.79	3.87	3.84	3.72
2004	3.82	3.82	3.78	3.74	3.72	3.67	3.65	3.68	3.73	3.83	3.85	3.83	3.76

<b>American Cheese Manufactured 1/</b>													
	<u>Million Pounds</u>												
2000	56.2	53.9	58.2	58.2	57.2	56.4	54.7	51.6	49.0	50.2	49.5	56.5	651.6
2001	55.0	48.2	53.0	46.1	47.1	45.0	44.5	40.9	38.2	43.5	45.1	50.6	557.3
2002	52.0	47.5	51.9	51.4	52.5	49.4	43.6	43.8	41.5	44.6	46.4	51.1	575.8
2003	53.1	48.7	55.3	51.2	53.7	50.2	48.9	46.4	44.6	45.1	44.0	50.9	592.1
2004	49.9	46.2	52.8	53.1	54.1	51.3	46.9	47.8	45.2	48.4	47.1	51.5	594.1

1/ Totals may not add due to rounding.

**DAIRY: Milk Cows, Production Per Cow, and Total Production,  
by County and District, Minnesota, 2003-04**

County and District 1/	Annual Average Milk Cows On Farms		Annual Average Production Per Cow		Total Production	
	2003	2004	2003	2004	2003	2004
	----- Number -----		----- Thousand Pounds -----		----- Thousand Pounds -----	
Becker	6,700	6,400	17.2	17.4	115,000	111,500
Clay	1,900	1,900	17.1	17.1	32,500	32,500
Clearwater	1,100	1,000	15.9	16.0	17,500	16,000
Kittson	1,700	1,600	17.4	17.2	29,500	27,500
Mahnomen	1,800	1,600	16.7	16.6	30,000	26,500
Marshall	1,500	500	16.7	16.0	25,000	8,000
Norman	2,100	2,000	16.7	16.8	35,000	33,500
Pennington	500	500	16.0	16.0	8,000	8,000
Polk	2,600	2,400	16.5	16.3	43,000	39,000
Red Lake	1,000	1,000	17.0	17.0	17,000	17,000
Roseau	2,300	2,200	16.7	16.8	38,500	37,000
<b>Northwest</b>	23,200	21,100	16.9	16.9	391,000	356,500
Beltrami	2,000	2,000	16.3	16.3	32,500	32,500
Cass	1,900	1,800	15.8	16.1	30,000	29,000
Hubbard	700	--	16.4	--	11,500	--
Combined Counties	800	1,100	15.6	15.9	12,500	17,500
<b>North Central</b>	5,400	4,900	16.0	16.1	86,500	79,000
St. Louis	1,100	1,000	15.9	16.0	17,500	16,000
<b>Northeast</b>	1,100	1,000	15.9	16.0	17,500	16,000
Big Stone	900	900	16.7	16.7	15,000	15,000
Chippewa	500	--	17.0	--	8,500	--
Douglas	8,600	7,900	16.6	16.7	143,000	132,000
Grant	1,000	1,300	16.5	16.5	16,500	21,500
Lac Qui Parle	1,300	1,100	16.9	16.8	22,000	18,500
Otter Tail	24,900	24,000	17.2	17.0	428,000	409,000
Pope	6,500	6,300	16.9	17.0	110,000	107,000
Stevens	2,800	5,100	18.6	18.5	52,000	94,500
Swift	4,100	4,100	17.4	17.4	71,500	71,500
Wilkin	700	--	16.4	--	11,500	--
Yellow Medicine	3,000	3,000	17.0	17.0	51,000	51,000
Combined Counties	--	1,000	--	16.5	--	16,500
<b>West Central</b>	54,300	54,700	17.1	17.1	929,000	936,500
Benton	12,200	12,000	17.0	17.1	208,000	205,000
Carver	11,900	11,300	17.9	17.7	213,000	200,000
Kandiyohi	7,300	7,300	17.5	17.5	127,500	127,500
McLeod	8,900	8,800	17.0	17.0	151,000	149,500
Meeker	7,900	7,600	17.9	17.8	141,500	135,000
Morrison	26,300	26,300	17.2	17.2	451,500	453,500
Renville	2,700	2,600	17.4	17.3	47,000	45,000
Scott	6,000	5,600	17.8	17.6	106,500	98,500
Sherburne	900	800	16.7	16.9	15,000	13,500
Sibley	7,600	7,700	17.5	17.5	133,000	135,000
Stearns	62,400	62,300	18.1	18.1	1,126,500	1,126,000
Todd	18,300	17,600	16.8	16.8	307,000	296,000
Wadena	4,800	4,500	16.4	16.3	78,500	73,500
Wright	11,500	11,100	17.9	17.5	205,500	194,500
<b>Central</b>	188,700	185,500	17.5	17.5	3,311,500	3,252,500

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**DAIRY: Milk Cows, Production Per Cow, and Total Production,  
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Annual Average Milk Cows On Farms		Annual Average Production Per Cow		Total Production	
	2003	2004	2003	2004	2003	2004
	----- Number -----		----- Thousand Pounds -----		----- Thousand Pounds -----	
Aitkin	800	700	16.9	16.4	13,500	11,500
Carlton	1,800	1,800	16.4	16.1	29,500	29,000
Chisago	2,400	2,300	16.9	17.0	40,500	39,000
Crow Wing	1,400	1,300	16.4	16.2	23,000	21,000
Hennepin	2,000	2,000	17.5	17.3	35,000	34,500
Isanti	1,600	1,600	17.5	17.5	28,000	28,000
Kanabec	2,300	2,200	16.3	16.8	37,500	37,000
Mille Lacs	4,200	3,700	16.4	16.4	69,000	60,500
Pine	6,100	5,700	16.4	16.1	100,000	92,000
Washington	1,100	1,100	17.7	17.3	19,500	19,000
Combined Counties	400	300	16.3	15.0	6,500	4,500
<b>East Central</b>	24,100	22,700	16.7	16.6	402,000	376,000
Cottonwood	1,300	1,300	16.9	16.9	22,000	22,000
Jackson	600	600	16.7	16.7	10,000	10,000
Lincoln	2,700	2,700	16.7	16.9	45,000	45,500
Lyon	1,300	1,200	16.9	16.7	22,000	20,000
Murray	4,300	4,300	17.2	17.3	74,000	74,500
Nobles	4,500	4,500	17.0	17.0	76,500	76,500
Pipestone	4,700	4,700	16.8	16.9	79,000	79,500
Redwood	1,800	1,600	16.7	16.6	30,000	26,500
Rock	2,900	2,800	16.6	16.8	48,000	47,000
<b>Southwest</b>	24,100	23,700	16.9	16.9	406,500	401,500
Blue Earth	1,400	1,100	17.5	17.3	24,500	19,000
Brown	6,700	6,600	17.4	17.5	116,500	115,500
Faribault	2,400	2,500	17.7	18.0	42,500	45,000
Freeborn	1,600	1,500	17.2	17.7	27,500	26,500
Le Sueur	3,400	3,600	17.6	17.8	60,000	64,000
Martin	1,200	1,200	16.3	16.7	19,500	20,000
Nicollet	6,100	6,800	17.9	18.0	109,000	122,500
Rice	8,700	8,500	17.0	17.2	148,000	146,000
Steele	4,800	4,700	17.3	17.3	83,000	81,500
Waseca	2,700	2,500	17.4	17.4	47,000	43,500
Watonwan	900	800	17.2	16.9	15,500	13,500
<b>South Central</b>	39,900	39,800	17.4	17.5	693,000	697,000
Dakota	3,900	3,800	17.7	17.4	69,000	66,000
Dodge	6,400	6,300	18.6	18.6	119,000	117,000
Fillmore	12,800	12,500	17.4	17.3	222,500	216,000
Goodhue	21,600	20,800	18.1	18.2	392,000	379,500
Houston	9,500	9,600	17.6	18.0	167,500	172,500
Mower	5,100	5,000	17.7	18.2	90,500	91,000
Olmsted	9,400	8,800	18.0	18.3	169,000	161,000
Wabasha	17,700	17,400	17.8	17.8	314,500	310,000
Winona	25,800	25,400	18.5	18.7	477,000	474,000
<b>Southeast</b>	112,200	109,600	18.0	18.1	2,021,000	1,987,000
<b>Minnesota</b>	473,000	463,000	17.5	17.5	8,258,000	8,102,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**DAIRY: Farm Numbers by County and District, Minnesota, January 2005 1/**

County and District	Grade A 2/	Grade B 3/	Total	County and District	Grade A 2/	Grade B 3/	Total
		<u>Number</u>				<u>Number</u>	
Becker	70	8	78	Aitkin	10	6	16
Clay	15	3	18	Anoka	2	1	3
Clearwater	13	6	19	Carlton	21	8	29
Kittson	4	--	4	Chisago	30	1	31
Mahnomen	17	--	17	Crow Wing	14	1	15
Marshall	9	--	9	Hennepin	21	1	22
Norman	12	3	15	Isanti	6	--	6
Pennington	7	1	8	Kanabec	32	6	38
Polk	25	6	31	Mille Lacs	51	15	66
Red Lake	11	--	11	Pine	69	14	83
Roseau	24	1	25	Ramsey	1	--	1
<b>Northwest</b>	207	28	235	Washington	22	--	22
				<b>East Central</b>	279	53	332
Beltrami	20	1	21				
Cass	14	8	22	Cottonwood	13	5	18
Hubbard	5	1	6	Jackson	3	4	7
Itasca	4	1	5	Lincoln	20	12	32
Koochiching	4	--	4	Lyon	11	5	16
Lake of the Woods	2	--	2	Murray	32	4	36
<b>North Central</b>	49	11	60	Nobles	28	12	40
				Pipestone	35	10	45
Cook	--	--	--	Redwood	16	10	26
Lake	--	--	--	Rock	20	5	25
St. Louis	12	2	14	<b>Southwest</b>	178	67	245
<b>Northeast</b>	12	2	14				
				Blue Earth	16	7	23
Big Stone	10	3	13	Brown	80	15	95
Chippewa	5	--	5	Faribault	11	2	13
Douglas	113	16	129	Freeborn	16	7	23
Grant	9	3	12	Le Sueur	30	7	37
Lac Qui Parle	9	7	16	Martin	10	3	13
Otter Tail	313	29	342	Nicollet	51	8	59
Pope	71	7	78	Rice	94	21	115
Stevens	8	1	9	Steele	67	7	74
Swift	24	2	26	Waseca	27	2	29
Traverse	--	--	--	Watsonwan	7	3	10
Wilkin	7	1	8	<b>South Central</b>	409	82	491
Yellow Medicine	16	6	22				
<b>West Central</b>	585	75	660	Dakota	34	1	35
				Dodge	43	4	47
Benton	138	14	152	Fillmore	104	56	160
Carver	115	22	137	Goodhue	173	7	180
Kandiyohi	95	8	103	Houston	99	16	115
McLeod	89	18	107	Mower	50	4	54
Meeker	72	7	79	Olmsted	103	10	113
Morrison	332	32	364	Wabasha	161	24	185
Renville	28	5	33	Winona	218	19	237
Scott	57	6	63	<b>Southeast</b>	985	141	1126
Sherburne	9	2	11				
Sibley	75	10	85	<b>Minnesota</b>	4,923	715	5,638
Stearns	800	49	849				
Todd	244	50	294				
Wadena	65	9	74				
Wright	100	24	124				
<b>Central</b>	2,219	256	2,475				

1/ "-- " indicates no dairy operations for the particular grade.

2/ Fluid market milk

3/ Manufacturing grade milk

Source: MN Department of Agriculture, Dairy &amp; Food Division

## POULTRY SUMMARY

In 2004, Minnesota turkey growers ranked first in turkeys raised and in pounds produced. Minnesota growers raised 46.5 million turkeys, 3 percent above 2003. The total liveweight of turkeys produced was 1.23 billion pounds, up 1 percent from the previous year. The average price received for turkeys in 2004 was 42 cents per pound and the value of the state's turkey production in 2004 was \$515.6 million.

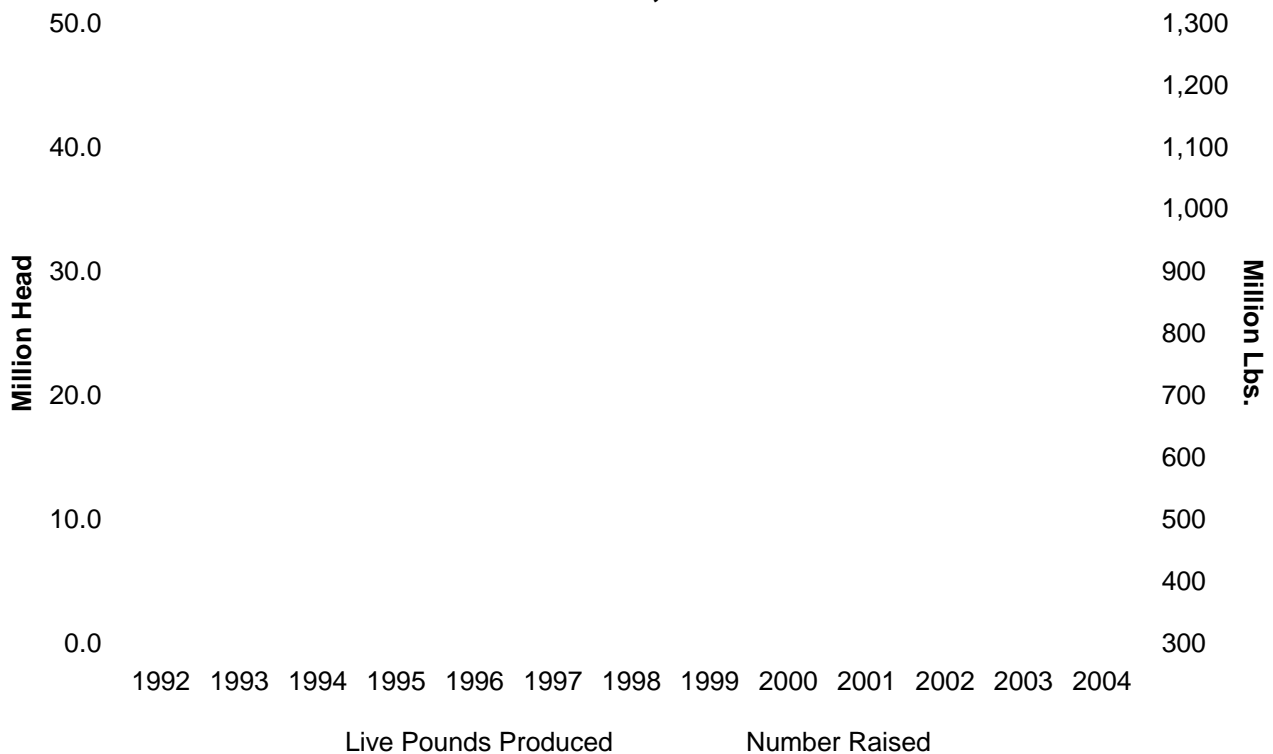
During 2004, hatcheries in the West North Central Region (which includes the states of Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota, and Minnesota) placed 105.6 million turkey poults, down 2 percent from 2003.

Minnesota's total chicken inventory (excluding broilers) on December 1, 2004 was 14.5 million birds, down 1 percent from the previous year. The state's egg production in 2004 was 2.93 billion eggs, down 3 percent from 2003. The value of eggs produced was down 5 percent in 2004 to \$142.3 million. The all-egg price decreased to 58.3 cents per dozen. The annual average number layers on farms was down 5 percent to 10.9 million.

In 2004, the number of broilers produced was up 3 percent to 46.3 million. In 2004, value of broiler production increased to \$101.9 million. These poultry estimates are based on survey data reported by producers, hatcheries, and processing plants.



## TURKEY PRODUCTION MINNESOTA, 1992-2004



**POULTRY: Chicken Inventory, Egg Production, and Value, Minnesota, 2000-2004**

Year	Chickens on Farms, Dec 1		Chickens 1/ 2/		Eggs 1/		Egg-Type Chicks Hatched
	All	Hens & Pullets of Laying Age	Number Sold	Value of Sales	Number Produced	Value of Production	
	----- 1,000 Birds -----		1,000 Birds	1,000 Dollars	Mil. Eggs	1,000 Dollars	1,000 Birds
2000	15,815	12,480	6,277	45	3,271	116,755	20,144
2001	15,803	12,215	5,792	21	3,112	112,923	19,000
2002	15,005	11,780	5,167	19	3,159	107,423	17,586
2003	14,600	11,310	4,766	257	3,028	149,381	14,721
2004	14,465	11,325	3,074	10	2,930	142,349	10,507

1/ December previous year through November current year.

2/ Excludes commercial broilers.

**POULTRY: Broiler and Turkey Production, and Value, Minnesota, 2000-2004**

Year	Commercial Broilers 1/			Turkeys		
	Number Raised	Pounds Produced	Value of Production	Number Raised	Pounds Produced	Value of Production
	1,000 Birds	1,000 Pounds	1,000 Dollars	1,000 Birds	1,000 Pounds	1,000 Dollars
2000	44,200	221,000	72,930	43,500	1,061,400	360,876
2001	43,900	219,500	85,605	44,000	1,100,000	385,000
2002	44,200	229,800	68,940	44,000	1,148,400	413,424
2003	44,800	228,500	77,690	45,000	1,215,000	425,250
2004	46,300	231,500	101,860	46,500	1,227,600	515,592

1/ December previous year through November current year.

**POULTRY: Layers and Egg Production by District, Minnesota 2002-2004**

District	Annual Average Layers			Annual Average Eggs per Layer			Total Egg Production		
	2002	2003	2004	2002	2003	2004	2002	2003	2004
	----- Number -----			--- Number ---			----- 1,000 Eggs -----		
Northwest	1,026,000	999,000	953,000	266	263	269	273,000	263,000	256,000
West Central	337,000	300,000	280,000	267	267	271	90,000	80,000	76,000
Central	7,352,000	7,115,000	6,775,000	266	265	270	1,956,000	1,888,000	1,826,000
Southwest	206,000	179,000	166,000	267	263	271	55,000	47,000	45,000
Southeast	217,000	204,000	193,000	267	265	269	58,000	54,000	52,000
Other Districts	2,731,000	2,634,000	2,506,000	266	264	269	727,000	696,000	675,000
<b>Minnesota</b>	11,869,000	11,431,000	10,873,000	266	265	269	3,159,000	3,028,000	2,930,000

Note: Poultry estimates by county are not available.

**POULTRY: Production by Month, Minnesota, 2000-2004**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 1/
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--------------

**Chickens: Layers on Farms**

	<u>Million</u>												
2000	12.7	12.7	12.7	12.4	12.5	12.6	12.6	12.6	12.5	12.4	12.4	12.5	12.6
2001	12.4	12.3	12.2	12.0	11.9	11.9	11.9	11.9	12.1	12.2	12.3	12.1	12.1
2002	12.2	12.3	12.0	11.7	11.8	11.8	11.7	11.6	11.7	11.7	11.7	11.8	11.9
2003	11.6	11.5	11.6	11.5	11.5	11.4	11.3	11.4	11.3	11.2	11.2	11.3	11.4
2004	11.1	11.1	11.0	10.8	10.7	10.6	10.6	10.7	10.6	10.8	11.1	11.1	10.9

**Eggs: Average Number Laid per Layer per Month**

	<u>Number</u>												
2000	21.8	20.8	22.2	21.1	22.4	21.6	21.8	22.1	21.3	21.9	21.1	21.6	260
2001	21.2	19.8	21.6	20.7	21.9	20.9	21.9	22.6	22.0	22.0	20.3	21.7	256
2002	22.9	20.7	23.0	21.8	22.2	22.3	22.9	22.6	21.9	22.6	21.6	21.6	266
2003	22.5	20.6	22.6	22.3	23.1	22.0	22.8	22.5	21.6	22.0	21.3	22.4	265
2004	22.5	21.1	22.9	22.7	23.1	22.5	23.2	22.6	22.0	22.7	21.8	22.5	269

**Eggs: Production on Farms 2/**

	<u>Million Eggs</u>												
2000	277	265	281	262	279	273	275	278	267	271	261	269	3,271
2001	263	244	264	248	261	249	260	270	266	269	249	263	3,112
2002	278	255	276	256	262	264	267	263	257	265	253	255	3,159
2003	260	237	262	256	264	251	258	256	244	246	239	253	3,028
2004	250	235	252	246	248	239	247	241	234	244	241	250	2,930

**Chickens: Egg-Type Hatchery Production**

	<u>1,000 Birds</u>												
2000	1,769	1,656	2,012	1,801	1,799	2,101	1,652	1,468	1,540	1,342	1,636	1,368	20,144
2001	1,506	1,902	1,375	1,519	1,680	1,991	1,780	1,468	1,438	1,488	1,758	1,095	19,000
2002	1,319	1,360	1,716	1,317	1,303	1,708	1,416	1,476	1,662	1,200	1,616	1,493	17,586
2003	1,436	1,465	1,451	1,451	1,130	1,130	1,100	1,116	1,108	1,112	1,110	1,112	14,721
2004	1,110	1,112	809	826	859	843	850	810	830	820	820	818	10,507

1/ Annual data for layers on farms represent an average of December previous year through November current year inventories. Annual data for hatcheries represent calendar year.

2/ Based on unrounded number of layers and eggs per layer.

**POULTRY: Production by Month, West North Central Region, 2000-2004**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 1/
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--------------

**Turkeys: Hatchery Placements 2/**

	<u>1,000 Birds</u>												
2000	8,265	8,126	8,718	7,880	8,233	9,056	8,775	7,921	7,958	7,757	8,234	8,084	99,007
2001	8,775	8,275	9,080	8,759	9,330	8,878	8,956	8,527	7,471	8,300	8,619	8,671	103,641
2002	9,073	8,939	9,192	9,525	9,499	8,834	9,016	8,864	8,475	9,082	8,788	8,929	108,216
2003	9,233	9,227	9,319	8,926	9,261	8,994	9,197	8,795	8,796	9,141	8,238	8,946	108,073
2004	8,663	9,119	9,139	9,247	8,754	8,814	9,295	9,282	8,200	8,074	8,382	8,653	105,622

1/ Annual data for hatcheries represent calendar year.

2/ Totals are placements from hatcheries in the West North Central Region which includes Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota. Data represent total placements excluding exported poultry.

**MINK: Operations and Production, Minnesota, 2000-2004**

Year	Number of Mink Farms	Pelts Produced	Females Bred 1/
		Number	
2000	37	284,800	62,300
2001	36	286,500	59,600
2002	33	267,000	54,600
2003	36	270,600	55,500
2004	31	245,200	51,300

1/ Females bred to produce kits the following year.

**BEE AND HONEY: Colonies and Production, Minnesota, 2000-2004**

Year	Number of Colonies	Yield per Colony	Production	Stocks Dec 15 1/	Average Price per Pound	Value of Production
	1,000	Pounds	----- 1,000 Lbs. -----		Cents	1,000 Dollars
2000	150	90	13,500	3,105	57	7,695
2001	135	81	10,935	1,859	65	7,108
2002	117	73	8,541	1,110	147	12,555
2003	120	83	9,960	1,892	146	14,542
2004	135	75	10,125	1,924	104	10,530

1/ Does not include stocks under loan.



**Crop Prices Received by Farmers**

The 2004 Minnesota marketing year average price for corn fell 50 cents per bushel from 2003, while the soybean market year average price decreased \$1.91. The wheat market year average price decreased 41 cents, but the hay market year average price increased \$0.50 per ton. The primary sources of the crops prices listed in the following tables are elevators and dealers, who buy directly from farmers.

**Corn: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
<u>Dollars per Bushel</u>				
October	1.68	2.20	1.99	2.13
November	1.71	2.12	2.07	2.03
December	1.79	2.15	2.17	1.97
January	1.81	2.17	2.28	1.94
February	1.79	2.15	2.37	1.86
March	1.82	2.16	2.57	1.93
April	1.76	2.19	2.75	1.90
May	1.80	2.24	2.68	1.90
June	1.82	2.23	2.64	
July	1.97	2.10	2.47	
August	2.20	2.03	2.27	
September	2.27	2.05	2.17	
<b>Marketing Year Average Price1/</b>	1.90	2.15	2.35	1.85

**Soybeans: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
<u>Dollars per Bushel</u>				
September	4.32	5.19	5.82	6.00
October	3.94	5.09	6.25	5.90
November	3.96	5.27	6.98	5.73
December	4.03	5.33	7.07	5.56
January	4.01	5.39	7.53	5.53
February	4.00	5.46	8.16	5.45
March	4.16	5.47	9.06	5.96
April	4.28	5.68	9.66	6.13
May	4.46	5.94	9.64	6.26
June	4.75	5.93	9.18	
July	5.16	5.73	8.38	
August	5.32	5.62	6.93	
<b>Marketing Year Average Price1/</b>	4.32	5.42	7.26	5.35

**Dry Edible Beans: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
<u>Dollars per Cwt.</u>				
September	19.00	16.00	17.60	23.40
October	24.50	17.10	20.10	26.40
November	24.50	16.00	21.20	24.40
December	25.00	15.10	17.10	2/
January	23.40	17.40	21.00	27.90
February	25.80	17.70	19.80	28.20
March	24.20	14.50	18.70	26.60
April	28.00	13.10	19.10	2/
May	27.30	20.30	20.10	26.10
June	2/	14.10	19.00	
July	2/	14.20	19.10	
August	2/	17.90	19.60	
<b>Marketing Year Average Price1/</b>	24.30	16.00	18.60	23.20

**Sunflowers: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
<u>Dollars per Cwt.</u>				
September	2/	11.70	2/	13.80
October	10.50	12.20	14.20	17.40
November	9.41	12.00	13.20	15.80
December	9.96	12.80	13.50	16.70
January	10.40	12.90	13.10	16.30
February	11.30	2/	14.00	16.70
March	2/	13.20	2/	17.70
April	11.10	2/	14.90	19.10
May	11.00	15.20	15.30	17.00
June	13.60	2/	15.90	
July	13.20	13.80	14.30	
August	12.90	2/	15.80	
<b>Marketing Year Average Price1/</b>	10.90	12.70	14.20	16.30

**Potatoes: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
<u>Dollars per Cwt.</u>				
July	2/	4.00	4.55	4.75
August	8.70	8.65	5.90	6.15
September	6.80	7.35	4.90	6.15
October	4.90	6.75	5.00	5.65
November	5.15	5.95	4.90	5.70
December	5.25	5.65	5.15	5.55
January	5.40	5.70	5.15	5.75
February	5.15	5.30	5.05	5.55
March	5.45	5.80	5.05	5.75
April	5.70	6.30	5.15	5.00
May	5.30	5.00	4.95	4.85
June	4.20	4.40	4.70	
<b>Marketing Year Average Price1/</b>	5.60	6.00	5.05	5.90

1/ Data for 2004-05 are preliminary.

2/ Price not published to avoid disclosure of individual firms.

--continued

**All Wheat: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
Dollars per Bushel				
July	2.86	3.35	3.42	3.61
August	2.89	3.75	3.51	3.22
September	2.87	4.21	3.43	3.26
October	2.97	4.39	3.55	3.17
November	2.84	4.43	3.61	3.31
December	2.98	4.27	3.69	3.29
January	2.84	4.04	3.75	3.35
February	2.90	3.79	3.82	3.30
March	2.98	3.87	3.76	3.42
April	3.04	3.45	3.97	3.29
May	3.00	3.63	3.94	3.37
June	3.03	3.51	3.84	
Marketing Year Average Price1/	2.93	3.86	3.66	3.25

**All Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
Dollars per Ton				
June	59.00	67.00	68.00	68.00
July	57.00	66.00	64.00	65.00
August	56.00	67.00	68.00	61.00
September	55.00	69.00	66.00	68.00
October	52.00	62.00	62.00	62.00
November	59.00	67.00	69.00	72.00
December	61.00	69.00	69.00	71.00
January	60.00	68.00	67.00	73.00
February	58.00	70.00	67.00	77.00
March	58.00	68.00	66.00	70.00
April	59.00	68.00	66.00	63.00
May	60.00	72.00	67.00	73.00
Marketing Year Average Price1/	58.00	67.50	66.50	67.00

**Barley: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
Dollars per Bushel				
July	1.54	1.97	2.35	2.45
August	1.53	1.75	2.29	1.99
September	1.45	1.93	2.35	1.61
October	1.54	2.36	2/	1.86
November	1.72	2.11	2.65	2.29
December	1.72	2.55	2/	2.00
January	2.00	3.04	2/	2.56
February	1.83	2.28	2/	2/
March	1.74	2.51	2/	2.41
April	2.00	2.49	2/	1.93
May	2/	3.09	2/	2/
June	2.15	2/	2/	
Marketing Year Average Price1/	1.70	2.62	2.52	2.05

**Alfalfa Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
Dollars per Ton				
June	65.00	73.00	71.00	74.00
July	63.00	75.00	70.00	71.00
August	63.00	80.00	75.00	70.00
September	61.00	79.00	73.00	76.00
October	60.00	75.00	72.00	75.00
November	65.00	76.00	72.00	76.00
December	64.00	74.00	73.00	75.00
January	64.00	74.00	72.00	79.00
February	60.00	73.00	70.00	81.00
March	62.00	73.00	68.00	74.00
April	61.00	70.00	70.00	68.00
May	61.00	73.00	68.00	75.00
Marketing Year Average Price1/	62.50	74.50	71.00	74.00

**Oats: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
Dollars per Bushel				
July	1.24	1.60	1.35	1.30
August	1.18	1.59	1.25	1.21
September	1.26	1.60	1.30	1.33
October	1.46	1.62	1.34	1.28
November	1.72	1.64	1.32	1.25
December	1.83	1.82	1.43	1.46
January	1.91	2.00	1.47	1.45
February	1.81	1.94	1.49	1.42
March	1.91	1.85	1.67	1.55
April	1.91	1.87	1.61	1.47
May	1.77	1.78	1.65	1.41
June	1.91	1.59	1.58	
Marketing Year Average Price1/	1.53	1.65	1.39	1.25

**All Other Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2001-2005**

Month	2001-02	2002-03	2003-04	2004-05
Dollars per Ton				
June	41.00	50.00	55.00	50.00
July	46.00	50.00	54.00	52.00
August	46.00	50.00	58.00	48.00
September	44.00	50.00	52.00	51.00
October	44.00	50.00	53.00	49.00
November	45.00	50.00	55.00	52.00
December	45.00	49.00	54.00	55.00
January	45.00	49.00	53.00	56.00
February	40.00	49.00	51.00	54.00
March	41.00	49.00	53.00	51.00
April	42.00	50.00	51.00	45.00
May	43.00	55.00	48.00	50.00
Marketing Year Average Price1/	44.00	50.00	54.00	51.00

1/ Data for 2004-05 are preliminary.

2/ Price not published to avoid disclosure of individual firms.

## LIVESTOCK, DAIRY, AND POULTRY PRICE

The livestock and dairy price statistics included in these tables are based on reports from farmers, auction markets, livestock buyers, meat and poultry processing plants, Market News Service, produce houses, egg handlers and dealers, marketing cooperatives, dairy plants, and other firms doing business with farmers. The marketing year for livestock, dairy, and poultry items is a calendar year, except for hogs, chickens, and eggs, which are on a December-November basis.

The 2004 Minnesota annual average prices for meat animals were higher in 2004 than in 2003. Beef cattle were up \$2.80 per hundredweight and steers and heifers were up 80 cents. Cows increased \$5.90 and calves were up \$18.40. All hogs and barrows and gilts both increased \$11.40 while sows were up \$14.50. Sheep were up \$6.00 and lambs were up \$5.40. All milk and grade A fluid milk were \$16.70 and manufacturing milk was \$15.30 per 100 pounds. Milk cows for dairy herd replacement were up \$210.00 per head. Turkeys were 42 cents per pound, up 7 cents from the previous year and table market eggs at 55 cents per dozen were down 1 cent.

### PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY By Month, Minnesota, 2000-2004

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
<b>Beef Cattle 1/</b>													
	<u>Dollars per Cwt.</u>												
2000	60.80	61.70	62.20	65.30	65.80	64.00	62.20	61.30	59.50	60.20	60.70	62.30	62.20
2001	68.10	70.10	70.50	70.90	69.30	70.70	68.50	64.70	64.10	60.60	57.70	57.90	65.90
2002	59.00	62.50	64.20	62.30	61.30	58.50	57.10	57.90	57.90	57.20	59.80	63.30	60.00
2003	67.10	66.10	66.40	67.80	69.50	67.90	69.00	71.40	75.90	84.50	88.60	85.00	73.40
2004	73.50	70.60	74.80	79.90	80.50	79.40	78.90	77.30	75.50	74.90	73.90	75.50	76.20
<b>Steers and Heifers</b>													
	<u>Dollars per Cwt.</u>												
2000	66.30	66.00	67.70	70.10	70.10	68.50	66.30	64.70	63.50	64.30	65.80	68.70	66.80
2001	73.60	75.40	77.10	76.40	74.30	74.90	72.60	69.80	68.20	65.10	62.60	61.60	71.00
2002	63.80	67.50	69.90	67.80	64.80	62.30	60.40	61.50	61.90	63.00	65.40	69.50	64.70
2003	73.90	75.10	74.30	76.50	76.20	75.30	74.10	77.90	84.20	96.40	100.00	94.20	81.80
2004	80.90	77.60	82.00	85.70	88.00	87.10	83.70	81.80	80.70	79.80	80.00	82.50	82.60
<b>Cows 2/</b>													
	<u>Dollars per Cwt.</u>												
2000	36.60	38.20	40.40	42.10	41.40	42.00	41.70	41.60	39.40	37.60	37.80	38.00	39.70
2001	39.70	45.20	44.10	45.90	47.10	48.10	46.00	45.40	43.50	39.60	36.60	36.80	42.80
2002	39.60	42.70	43.90	42.80	42.90	41.30	39.60	38.70	37.20	36.50	36.10	37.10	39.60
2003	38.30	40.60	42.80	44.10	47.20	46.80	49.80	50.70	51.10	52.30	54.30	54.30	47.70
2004	48.70	48.50	49.20	55.20	56.70	58.70	61.00	57.90	56.10	52.30	51.00	50.60	53.60
<b>Calves</b>													
	<u>Dollars per Cwt.</u>												
2000	90.50	89.10	95.10	104.00	103.00	98.20	93.50	96.40	95.80	91.90	91.10	90.30	94.80
2001	93.40	94.70	99.50	104.00	104.00	106.00	99.00	92.00	98.00	83.00	83.60	88.50	95.20
2002	93.50	96.80	96.90	96.00	96.70	83.40	76.20	83.00	76.00	79.80	72.90	80.90	85.40
2003	89.50	86.90	92.00	93.70	94.00	95.00	88.30	97.70	100.00	99.70	97.60	99.80	94.60
2004	105.00	97.70	111.00	114.00	115.00	126.00	117.00	118.00	119.00	121.00	107.00	109.00	113.00

1/ Cows and Steers and Heifers combined.

2/ Beef cows and cull dairy cows sold for slaughter.

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**PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY**  
**By Month, Minnesota, 2000-2004 (continued)**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
<b>Hogs 1/ 2/</b>													
Dollars per Cwt.													
2000	36.40	40.50	42.20	48.40	50.40	51.50	51.20	46.70	43.50	44.50	38.90	41.80	44.00
2001	37.40	39.60	46.60	48.30	52.60	53.20	53.70	52.60	45.20	41.03	34.70	34.20	45.50
2002	37.90	40.60	37.00	31.90	33.90	36.30	41.40	35.80	28.90	31.80	27.50	30.40	34.60
2003	32.10	34.90	35.30	34.70	42.50	47.30	45.60	43.10	40.30	39.50	36.30	36.10	38.40
2004	37.20	43.70	46.70	47.50	54.90	55.60	56.90	57.10	54.00	55.20	56.10	52.20	49.80
<b>Barrows and Gilts 1/</b>													
Dollars per Cwt.													
2000	36.50	40.60	42.40	48.80	50.70	51.70	51.50	46.90	43.80	44.60	39.10	42.00	44.30
2001	37.50	39.80	47.00	48.60	53.20	53.80	54.10	53.10	45.70	41.60	34.80	34.30	45.80
2002	38.00	40.70	37.00	32.00	34.00	36.40	41.60	36.00	29.00	31.90	27.50	30.50	34.70
2003	32.20	35.00	35.40	34.80	42.60	47.50	45.70	43.20	40.40	39.60	36.30	36.20	38.50
2004	37.30	43.80	46.80	47.60	55.00	55.70	57.00	57.20	54.10	55.30	56.20	52.20	49.90
<b>Sows 1/</b>													
Dollars per Cwt.													
2000	33.30	38.00	35.80	39.60	40.90	36.70	35.60	35.30	34.80	33.70	29.00	30.50	35.20
2001	32.50	34.00	37.20	42.30	40.70	41.60	42.20	40.50	34.40	33.80	28.40	24.10	37.60
2002	26.60	28.60	31.50	25.70	23.60	21.90	20.70	20.20	15.00	20.20	21.40	23.10	23.80
2003	21.70	23.40	25.00	27.10	30.40	31.30	33.90	33.10	31.40	31.60	29.40	27.50	28.40
2004	29.10	36.90	41.10	42.60	46.30	50.00	51.80	49.70	43.60	43.10	47.10	46.40	42.90
<b>Sheep</b>													
Dollars per Cwt.													
2000	28.60	32.10	30.30	26.30	25.00	26.30	30.80	27.50	26.00	24.10	26.70	29.00	27.40
2001	30.00	30.00	32.20	27.10	25.60	21.10	25.20	25.50	23.70	17.60	20.60	25.90	24.90
2002	28.50	27.60	24.20	19.30	19.00	18.00	19.00	21.20	21.00	23.00	26.00	31.00	22.30
2003	31.40	37.50	30.90	23.60	25.20	24.30	20.40	23.00	24.70	26.50	32.30	36.70	27.50
2004	34.30	37.80	30.50	32.20	29.60	25.00	30.00	35.00	35.00	37.10	35.00	39.00	33.50
<b>Lambs</b>													
Dollars per Cwt.													
2000	70.70	72.10	75.80	78.70	97.80	88.30	83.50	80.20	73.20	69.10	64.50	71.20	75.40
2001	73.70	83.40	85.00	83.30	87.20	68.80	59.20	49.60	48.00	44.80	48.80	61.70	62.00
2002	61.90	63.90	63.10	58.90	63.30	73.20	75.50	71.60	69.10	75.00	80.80	84.10	71.10
2003	86.20	89.90	95.40	91.70	100.00	96.40	85.30	82.00	87.10	87.90	89.90	88.60	89.30
2004	90.60	99.80	99.10	97.90	101.00	98.30	95.20	90.50	90.20	88.80	92.20	98.80	94.70

1/ Annual average price is the marketing year average -- December previous year through November current year.

2/ "Barrows and Gilts" and "Sows" combined.

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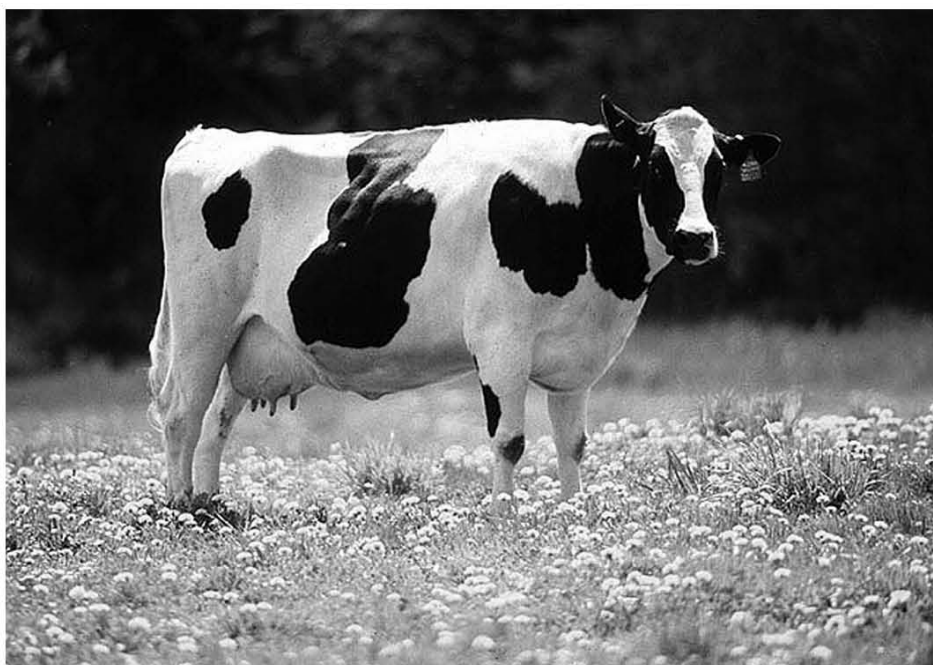


**PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY**  
**By Month, Minnesota, 2000-2004 (continued)**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
<b>All Milk</b>													
Dollars per Cwt.													
2000	11.60	11.30	11.50	11.60	11.50	12.00	12.40	12.30	12.80	12.30	11.90	12.60	12.00
2001	12.70	12.90	13.80	14.40	15.70	16.20	16.20	16.40	17.30	15.80	14.20	13.70	14.90
2002	13.80	12.90	12.50	12.40	12.10	11.30	10.70	11.10	11.70	12.40	11.80	11.80	12.10
2003	11.60	11.40	10.70	11.00	11.00	11.00	12.80	14.60	15.50	15.90	14.90	13.80	12.80
2004	13.30	14.00	16.60	20.40	20.70	18.30	15.90	15.20	15.80	15.90	16.70	17.00	16.70
<b>Fluid Grade Milk</b>													
Dollars per Cwt.													
2000	11.70	11.40	11.60	11.70	11.60	12.10	12.50	12.40	12.90	12.40	12.00	12.70	12.10
2001	12.80	13.00	13.90	14.50	15.80	16.30	16.30	16.50	17.30	15.80	14.30	13.80	15.00
2002	13.90	13.00	12.60	12.50	12.20	11.40	10.80	11.20	11.80	12.50	11.90	11.90	12.20
2003	11.70	11.50	10.80	11.10	11.10	11.10	12.90	14.70	15.50	15.90	14.90	13.80	12.90
2004	13.30	14.00	16.60	20.40	20.70	18.40	16.00	15.30	15.90	15.90	16.70	17.00	16.70
<b>Manufacturing Grade Milk</b>													
Dollars per Cwt.													
2000	10.30	9.90	9.80	9.80	9.80	10.30	10.60	10.50	11.30	10.50	10.00	10.60	10.30
2001	10.60	10.90	12.20	12.80	14.50	15.20	14.90	15.20	16.30	14.60	12.30	12.30	13.40
2002	12.30	11.60	11.10	11.10	10.80	10.00	9.10	9.50	10.10	11.00	10.40	10.30	10.60
2003	10.20	9.90	9.30	9.50	9.70	9.70	11.50	13.20	14.30	14.90	13.60	12.40	11.40
2004	12.00	12.70	15.10	19.30	19.50	17.10	14.20	13.70	14.50	14.60	15.40	15.90	15.30
<b>Milk Cows 1/</b>													
Dollars per Head													
2000	1,220	--	--	1,250	--	--	1,260	--	--	1,260	--	--	1,250
2001	1,180	--	--	1,320	--	--	1,570	--	--	1,590	--	--	1,420
2002	1,470	--	--	1,650	--	--	1,580	--	--	1,280	--	--	1,500
2003	1,270	--	--	1,290	--	--	1,300	--	--	1,310	--	--	1,290
2004	1,350	--	--	1,600	--	--	1,570	--	--	1,460	--	--	1,500

1/ Cows sold for dairy herd replacement.

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**PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY**  
**By Month, Minnesota, 2000-2004 (continued)**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
<b>Turkeys</b>													
Cents per Pound Live Weight													
2000	33	33	34	35	35	35	34	34	34	35	35	34	34
2001	34	34	34	34	35	35	34	33	34	37	37	35	35
2002 1/													36
2003 1/													35
2004 1/													42

1/ State monthly price discontinued January 2002.

**Table Market Eggs 1/**

	Cents per Dozen												
2000	30	45	37	44	31	38	30	46	35	46	53	67	39
2001	42	45	46	45	35	29	27	32	29	37	42	37	40
2002	40	30	54	27	23	41	32	41	35	31	50	50	37
2003	49	42	51	46	40	55	55	67	61	70	89	70	56
2004	83	74	99	59	47	49	41	34	34	28	41	43	55

1/ Table market eggs include eggs sold retail by the producers; but exclude hatching eggs. The annual average price is the marketing year average - December previous year through November current year.



**MINNESOTA**

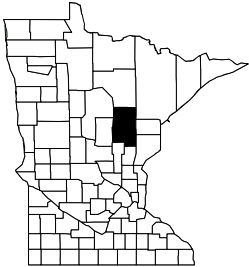
2000 Population  
4,919,479



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	78,755	80,839	Corn, Bu.	7,050,000	159.0	1,120,950,000	4
Total Land in Farms, Acres	27,560,621	27,512,270	Soybeans, Bu.	7,050,000	33.5	236,175,000	4
Average Farm Size, Acres	350	340	All Wheat, Bu.	1,636,000	54.8	89,605,000	9
Total Cropland, Acres	22,583,431	22,729,158	Oats, Bu.	190,000	70.0	13,300,000	4
Average Age of Farmers	51.0	52.9	All Hay, Tons	2,000,000	2.9	5,895,000	10
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	4,321,775	6	Hogs and Pigs (December 1, 2004)			6,500,000	3
Livestock	4,377,646	8	Cattle (January 1, 2005)			2,400,000	11
Government Payments	787,441	6	Beef Cows (January 1, 2005)			395,000	27
Total	9,486,862	6	Milk Cows (January 1, 2005)			460,000	5

**AITKIN**

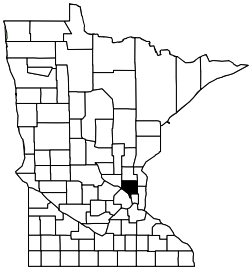
2000 Population  
15,301



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	674	674	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	192,152	174,364	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	285	259	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	92,791	92,785	Oats, Bu.	700	37.0	25,900	71
Average Age of Farmers	54.1	55.4	All Hay, Tons	48,400	1.7	83,700	24
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	5,499	77	Hogs and Pigs (December 1, 2004)			*	*
Livestock	9,915	67	Cattle (January 1, 2005)			13,000	61
Government Payments	510	81	Beef Cows (January 1, 2005)			6,500	22
Total	15,924	78	Milk Cows (January 1, 2005)			700	73

**ANOKA**

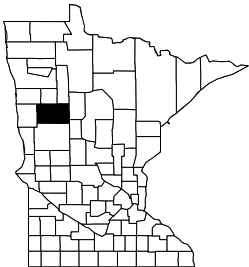
2000 Population  
298,084



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	545	552	Corn, Bu.	7,200	84.0	604,800	69
Total Land in Farms, Acres	60,176	60,387	Soybeans, Bu.	3,800	19.0	72,200	74
Average Farm Size, Acres	110	109	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	41,269	42,575	Oats, Bu.	*	*	*	*
Average Age of Farmers	52.9	54.8	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	18,276	69	Hogs and Pigs (December 1, 2004)			*	*
Livestock	7,142	75	Cattle (January 1, 2005)			*	*
Government Payments	535	80	Beef Cows (January 1, 2005)			800	81
Total	25,953	73	Milk Cows (January 1, 2005)			*	*

**BECKER**

2000 Population  
30,000



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,210	1,254	Corn, Bu.	12,700	69.0	876,300	67
Total Land in Farms, Acres	442,673	416,554	Soybeans, Bu.	79,700	14.0	1,115,800	54
Average Farm Size, Acres	366	332	All Wheat, Bu.	54,000	57.0	3,078,000	7
Total Cropland, Acres	310,414	294,964	Oats, Bu.	4,100	52.0	213,200	17
Average Age of Farmers	51.6	53.8	All Hay, Tons	41,700	2.3	94,800	16
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	35,259	53	Hogs and Pigs (December 1, 2004)			10,000	52
Livestock	66,904	27	Cattle (January 1, 2005)			31,000	24
Government Payments	7,637	53	Beef Cows (January 1, 2005)			7,600	16
Total	109,800	42	Milk Cows (January 1, 2005)			6,300	23

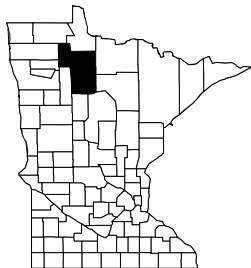
Population data is from the U.S. Census Bureau

\* County estimates not published

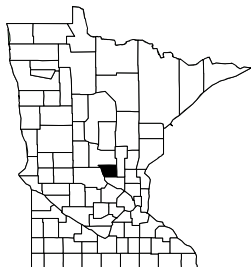
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

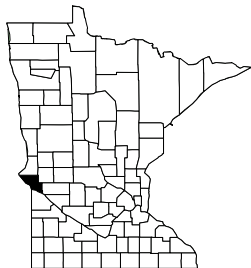
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**BELTRAMI**2000 Population  
39,650

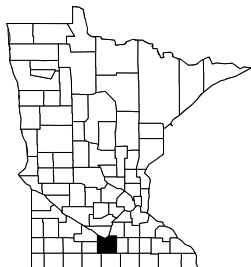
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	733	746	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	245,736	232,735	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	335	312	All Wheat, Bu.	3,200	34.0	108,800	37
Total Cropland, Acres	129,432	124,863	Oats, Bu.	4,200	57.0	239,400	14
Average Age of Farmers	53.6	54.7	All Hay, Tons	56,400	2.0	113,100	12
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	6,172	75	Hogs and Pigs (December 1, 2004)			*	*
Livestock	15,672	59	Cattle (January 1, 2005)			28,500	27
Government Payments	2,755	64	Beef Cows (January 1, 2005)			11,200	6
Total	24,599	74	Milk Cows (January 1, 2005)			1,900	48

**BENTON**2000 Population  
34,226

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	892	965	Corn, Bu.	55,700	122.0	6,795,400	51
Total Land in Farms, Acres	185,370	195,949	Soybeans, Bu.	30,000	31.0	930,000	56
Average Farm Size, Acres	208	203	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	137,202	143,799	Oats, Bu.	3,900	66.0	257,400	13
Average Age of Farmers	49.2	50.5	All Hay, Tons	25,400	3.2	82,300	25
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	18,370	68	Hogs and Pigs (December 1, 2004)			21,000	41
Livestock	69,038	26	Cattle (January 1, 2005)			35,000	20
Government Payments	6,830	60	Beef Cows (January 1, 2005)			4,000	38
Total	94,238	51	Milk Cows (January 1, 2005)			11,900	9

**BIG STONE**2000 Population  
5,820

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	448	446	Corn, Bu.	77,900	149.0	11,607,100	43
Total Land in Farms, Acres	273,209	274,038	Soybeans, Bu.	110,700	34.0	3,763,800	29
Average Farm Size, Acres	610	614	All Wheat, Bu.	30,300	58.0	1,757,400	14
Total Cropland, Acres	244,219	247,577	Oats, Bu.	*	*	*	*
Average Age of Farmers	49.1	51.2	All Hay, Tons	6,000	3.1	18,800	75
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	37,370	52	Hogs and Pigs (December 1, 2004)			41,000	34
Livestock	17,197	58	Cattle (January 1, 2005)			8,000	76
Government Payments	6,960	58	Beef Cows (January 1, 2005)			1,900	64
Total	61,527	60	Milk Cows (January 1, 2005)			900	69

**BLUE EARTH**2000 Population  
55,941

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,082	1,125	Corn, Bu.	182,800	180.0	32,904,000	6
Total Land in Farms, Acres	409,560	405,564	Soybeans, Bu.	164,700	44.0	7,246,800	4
Average Farm Size, Acres	379	361	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	375,047	374,158	Oats, Bu.	800	79.0	63,200	55
Average Age of Farmers	50.1	52.2	All Hay, Tons	7,100	3.4	24,300	68
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	93,518	11	Hogs and Pigs (December 1, 2004)			426,000	2
Livestock	134,122	4	Cattle (January 1, 2005)			14,000	58
Government Payments	13,684	18	Beef Cows (January 1, 2005)			1,300	74
Total	241,324	5	Milk Cows (January 1, 2005)			1,000	65

Population data is from the U.S. Census Bureau

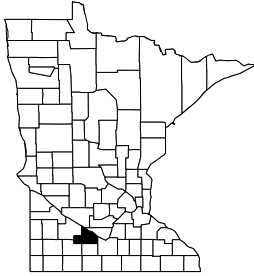
\* County estimates not published

1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

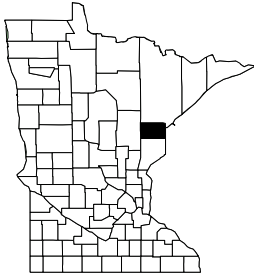
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**BROWN**  
2000 Population  
26,911



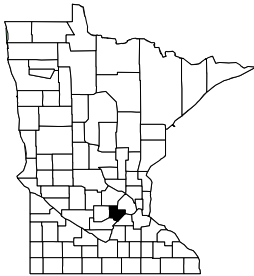
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,064	1,047	Corn, Bu.	145,000	180.0	26,100,000	14
Total Land in Farms, Acres	350,319	348,187	Soybeans, Bu.	127,400	41.0	5,223,400	15
Average Farm Size, Acres	329	333	All Wheat, Bu.	2,600	54.0	140,400	35
Total Cropland, Acres	320,713	317,425	Oats, Bu.	2,000	94.0	188,000	20
Average Age of Farmers	48.9	52.2	All Hay, Tons	10,700	4.6	48,800	40
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	80,082	16	Hogs and Pigs (December 1, 2004)			279,000	4
Livestock	114,365	10	Cattle (January 1, 2005)			38,500	17
Government Payments	13,156	22	Beef Cows (January 1, 2005)			3,100	46
Total	207,603	9	Milk Cows (January 1, 2005)			6,500	22

**CARLTON**  
2000 Population  
31,671



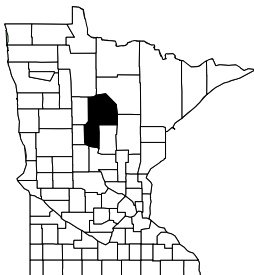
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	612	607	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	120,612	114,291	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	197	188	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	61,868	58,667	Oats, Bu.	*	*	*	*
Average Age of Farmers	51.8	53.4	All Hay, Tons	34,900	1.8	62,400	32
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	1,590	83	Hogs and Pigs (December 1, 2004)			*	*
Livestock	7,575	73	Cattle (January 1, 2005)			11,500	66
Government Payments	636	79	Beef Cows (January 1, 2005)			4,100	35
Total	9,801	82	Milk Cows (January 1, 2005)			1,800	51

**CARVER**  
2000 Population  
70,205



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	831	820	Corn, Bu.	56,400	166.0	9,362,400	46
Total Land in Farms, Acres	159,012	171,913	Soybeans, Bu.	42,400	39.0	1,653,600	49
Average Farm Size, Acres	191	210	All Wheat, Bu.	1,000	56.0	56,000	41
Total Cropland, Acres	129,401	148,505	Oats, Bu.	2,200	80.0	176,000	21
Average Age of Farmers	51.5	53.2	All Hay, Tons	20,500	4.3	87,300	20
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	24,395	58	Hogs and Pigs (December 1, 2004)			16,500	46
Livestock	39,731	46	Cattle (January 1, 2005)			33,000	21
Government Payments	6,859	59	Beef Cows (January 1, 2005)			1,500	70
Total	70,985	56	Milk Cows (January 1, 2005)			11,000	10

**CASS**  
2000 Population  
27,150



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	677	646	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	207,438	197,153	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	306	305	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	102,089	100,842	Oats, Bu.	900	49.0	44,100	67
Average Age of Farmers	51.9	54.5	All Hay, Tons	51,000	1.4	70,800	29
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	2,362	82	Hogs and Pigs (December 1, 2004)			*	*
Livestock	17,403	57	Cattle (January 1, 2005)			26,000	35
Government Payments	993	76	Beef Cows (January 1, 2005)			11,600	5
Total	20,758	76	Milk Cows (January 1, 2005)			1,800	51

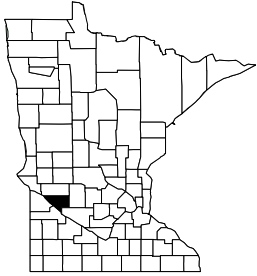
Population data is from the U.S. Census Bureau

\* County estimates not published

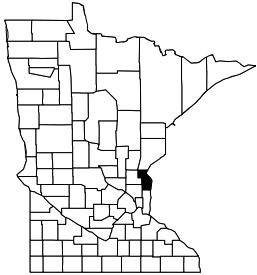
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

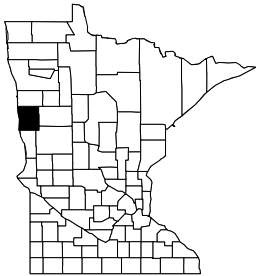
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**CHIPPEWA**2000 Population  
13,088

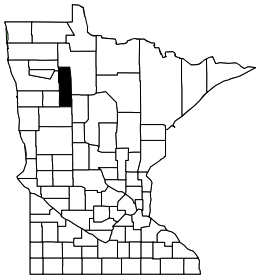
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	629	694	Corn, Bu.	142,200	158.0	22,467,600	22
Total Land in Farms, Acres	319,030	339,652	Soybeans, Bu.	117,900	36.0	4,244,400	22
Average Farm Size, Acres	507	489	All Wheat, Bu.	3,400	60.0	204,000	30
Total Cropland, Acres	298,058	312,358	Oats, Bu.	*	*	*	*
Average Age of Farmers	49.1	53.2	All Hay, Tons	5,500	3.2	17,600	76
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	85,280	14	Hogs and Pigs (December 1, 2004)			33,000	36
Livestock	17,920	55	Cattle (January 1, 2005)			9,000	74
Government Payments	11,858	27	Beef Cows (January 1, 2005)			1,900	64
Total	115,058	39	Milk Cows (January 1, 2005)			*	*

**CHISAGO**2000 Population  
41,101

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	860	943	Corn, Bu.	23,200	115.0	2,668,000	59
Total Land in Farms, Acres	131,305	116,948	Soybeans, Bu.	21,800	25.0	545,000	64
Average Farm Size, Acres	153	124	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	89,970	80,484	Oats, Bu.	800	63.0	50,400	62
Average Age of Farmers	52.5	53.4	All Hay, Tons	15,000	2.4	36,200	59
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	18,778	67	Hogs and Pigs (December 1, 2004)			3,500	59
Livestock	11,253	63	Cattle (January 1, 2005)			12,500	65
Government Payments	2,139	68	Beef Cows (January 1, 2005)			2,900	49
Total	32,170	68	Milk Cows (January 1, 2005)			2,200	45

**CLAY**2000 Population  
51,229

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	943	877	Corn, Bu.	46,100	104.0	4,794,400	54
Total Land in Farms, Acres	607,129	600,600	Soybeans, Bu.	166,900	23.0	3,838,700	28
Average Farm Size, Acres	644	685	All Wheat, Bu.	135,900	61.0	8,289,900	3
Total Cropland, Acres	549,863	543,324	Oats, Bu.	1,400	69.0	96,600	40
Average Age of Farmers	51.0	52.1	All Hay, Tons	26,100	2.7	70,000	30
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	125,373	3	Hogs and Pigs (December 1, 2004)			19,500	44
Livestock	28,487	51	Cattle (January 1, 2005)			17,000	54
Government Payments	13,732	15	Beef Cows (January 1, 2005)			4,500	32
Total	167,592	19	Milk Cows (January 1, 2005)			1,800	51

**CLEARWATER**2000 Population  
8,423

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	603	627	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	232,333	226,452	Soybeans, Bu.	8,900	14.0	124,600	72
Average Farm Size, Acres	369	361	All Wheat, Bu.	4,000	49.0	196,000	32
Total Cropland, Acres	123,227	121,196	Oats, Bu.	2,500	59.0	147,500	25
Average Age of Farmers	53.6	54.9	All Hay, Tons	45,300	1.9	86,200	21
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	10,747	72	Hogs and Pigs (December 1, 2004)			*	*
Livestock	14,264	62	Cattle (January 1, 2005)			26,000	34
Government Payments	1,930	73	Beef Cows (January 1, 2005)			9,600	9
Total	26,941	71	Milk Cows (January 1, 2005)			1,000	65

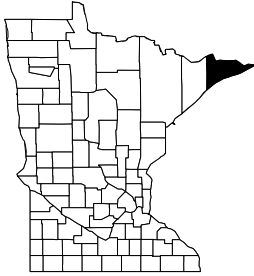
Population data is from the U.S. Census Bureau

\* County estimates not published

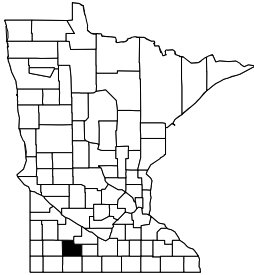
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

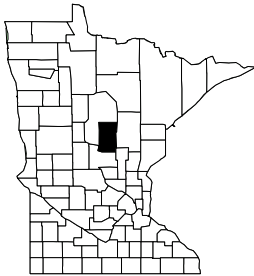
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**COOK**2000 Population  
5,168

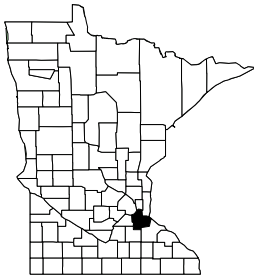
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	13	20	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	(D)	3,269	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	(D)	163	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	1,036	1,647	Oats, Bu.	*	*	*	*
Average Age of Farmers	55.6	54.4	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	*	*	Hogs and Pigs (December 1, 2004)			*	*
Livestock	*	*	Cattle (January 1, 2005)			*	*
Government Payments	*	*	Beef Cows (January 1, 2005)			*	*
Total	*	*	Milk Cows (January 1, 2005)			*	*

**COTTONWOOD**2000 Population  
12,167

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	807	832	Corn, Bu.	174,500	175.0	30,537,500	10
Total Land in Farms, Acres	380,808	374,717	Soybeans, Bu.	157,400	41.0	6,453,400	8
Average Farm Size, Acres	472	450	All Wheat, Bu.	1,500	48.0	72,000	39
Total Cropland, Acres	335,459	345,911	Oats, Bu.	800	64.0	51,200	61
Average Age of Farmers	49.2	52.0	All Hay, Tons	6,400	4.0	25,500	67
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	75,180	23	Hogs and Pigs (December 1, 2004)			184,000	15
Livestock	93,221	15	Cattle (January 1, 2005)			26,000	35
Government Payments	12,932	23	Beef Cows (January 1, 2005)			3,000	48
Total	181,333	12	Milk Cows (January 1, 2005)			1,300	60

**CROW WING**2000 Population  
55,099

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	681	755	Corn, Bu.	6,500	81.0	526,500	70
Total Land in Farms, Acres	145,737	144,743	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	214	192	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	74,137	68,536	Oats, Bu.	2,100	52.0	109,200	35
Average Age of Farmers	54.0	54.0	All Hay, Tons	31,200	1.4	44,400	48
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	3,280	81	Hogs and Pigs (December 1, 2004)			3,100	60
Livestock	10,260	65	Cattle (January 1, 2005)			13,000	61
Government Payments	823	78	Beef Cows (January 1, 2005)			6,000	23
Total	14,363	79	Milk Cows (January 1, 2005)			1,200	61

**DAKOTA**2000 Population  
355,904

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	962	997	Corn, Bu.	91,700	174.0	15,955,800	35
Total Land in Farms, Acres	226,753	235,763	Soybeans, Bu.	63,800	39.0	2,488,200	46
Average Farm Size, Acres	236	236	All Wheat, Bu.	1,300	44.0	57,200	40
Total Cropland, Acres	198,079	207,219	Oats, Bu.	1,000	59.0	59,000	58
Average Age of Farmers	51.4	53.4	All Hay, Tons	12,300	3.5	42,600	52
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	61,770	28	Hogs and Pigs (December 1, 2004)			23,000	39
Livestock	41,023	44	Cattle (January 1, 2005)			30,000	26
Government Payments	7,448	54	Beef Cows (January 1, 2005)			2,100	58
Total	110,241	41	Milk Cows (January 1, 2005)			3,700	35

Population data is from the U.S. Census Bureau

\* County estimates not published

1/ 2002 Census of Agriculture

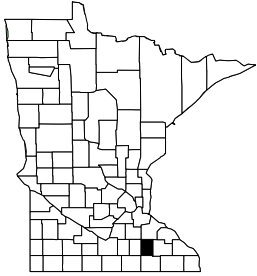
2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

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

**DODGE**

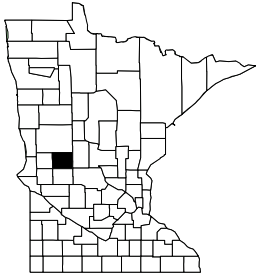
2000 Population  
17,731



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	716	697	Corn, Bu.	103,600	175.0	18,130,000	28
Total Land in Farms, Acres	253,543	233,375	Soybeans, Bu.	91,500	41.0	3,751,500	31
Average Farm Size, Acres	354	335	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	230,477	214,253	Oats, Bu.	1,200	70.0	84,000	47
Average Age of Farmers	49.9	51.5	All Hay, Tons	8,400	4.8	40,000	55
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	56,482	35	Hogs and Pigs (December 1, 2004)			129,000	20
Livestock	54,545	36	Cattle (January 1, 2005)			22,500	42
Government Payments	8,138	51	Beef Cows (January 1, 2005)			1,800	68
Total	119,165	37	Milk Cows (January 1, 2005)			6,300	23

**DOUGLAS**

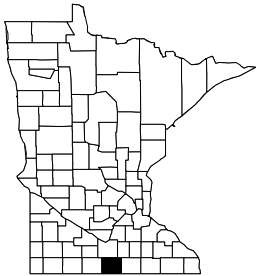
2000 Population  
32,821



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,138	1,177	Corn, Bu.	53,300	128.0	6,822,400	50
Total Land in Farms, Acres	288,538	272,631	Soybeans, Bu.	70,500	29.0	2,044,500	48
Average Farm Size, Acres	254	232	All Wheat, Bu.	14,700	55.0	808,500	18
Total Cropland, Acres	213,999	207,295	Oats, Bu.	4,500	81.0	364,500	7
Average Age of Farmers	53.6	54.7	All Hay, Tons	23,800	3.2	76,100	26
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	22,995	59	Hogs and Pigs (December 1, 2004)			13,500	49
Livestock	36,013	48	Cattle (January 1, 2005)			27,000	31
Government Payments	6,976	57	Beef Cows (January 1, 2005)			3,600	43
Total	65,984	58	Milk Cows (January 1, 2005)			7,500	17

**FARIBAULT**

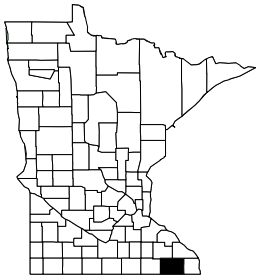
2000 Population  
16,181



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	894	909	Corn, Bu.	201,700	182.0	36,709,400	4
Total Land in Farms, Acres	418,700	432,088	Soybeans, Bu.	169,800	42.0	7,131,600	6
Average Farm Size, Acres	468	475	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	392,686	409,796	Oats, Bu.	*	*	*	*
Average Age of Farmers	50.5	52.5	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	109,485	6	Hogs and Pigs (December 1, 2004)			194,000	13
Livestock	56,176	35	Cattle (January 1, 2005)			13,000	61
Government Payments	15,473	11	Beef Cows (January 1, 2005)			1,200	78
Total	181,134	14	Milk Cows (January 1, 2005)			2,400	42

**FILLMORE**

2000 Population  
21,122



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,625	1,600	Corn, Bu.	150,400	170.0	25,568,000	16
Total Land in Farms, Acres	432,804	441,153	Soybeans, Bu.	97,400	41.0	3,993,400	25
Average Farm Size, Acres	266	276	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	323,423	339,594	Oats, Bu.	6,400	73.0	467,200	4
Average Age of Farmers	51.9	53.5	All Hay, Tons	50,500	4.2	210,400	4
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	59,625	31	Hogs and Pigs (December 1, 2004)			118,000	22
Livestock	87,318	18	Cattle (January 1, 2005)			77,500	5
Government Payments	13,744	14	Beef Cows (January 1, 2005)			18,700	1
Total	160,687	23	Milk Cows (January 1, 2005)			12,400	8

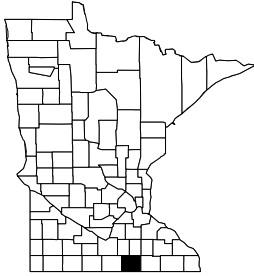
Population data is from the U.S. Census Bureau

\* County estimates not published

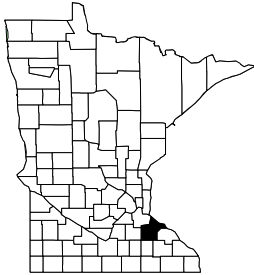
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

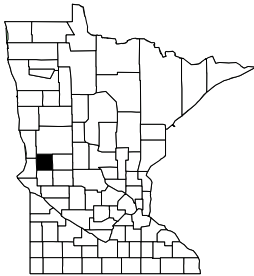
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**FREEBORN**2000 Population  
32,584

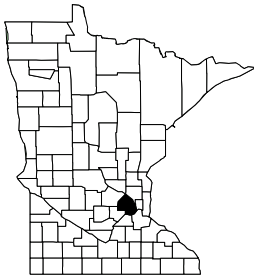
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,193	1,172	Corn, Bu.	177,800	177.0	31,470,600	8
Total Land in Farms, Acres	376,923	394,408	Soybeans, Bu.	155,400	39.0	6,060,600	11
Average Farm Size, Acres	316	337	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	347,416	364,918	Oats, Bu.	1,200	71.0	85,200	46
Average Age of Farmers	51.3	52.3	All Hay, Tons	8,300	3.5	29,300	64
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	95,772	10	Hogs and Pigs (December 1, 2004)		238,000		7
Livestock	70,372	25	Cattle (January 1, 2005)		15,500		56
Government Payments	13,688	17	Beef Cows (January 1, 2005)		2,100		58
Total	179,832	15	Milk Cows (January 1, 2005)		1,400		59

**GOODHUE**2000 Population  
44,127

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,582	1,679	Corn, Bu.	132,900	178.0	23,656,200	20
Total Land in Farms, Acres	396,367	384,108	Soybeans, Bu.	94,100	41.0	3,858,100	27
Average Farm Size, Acres	251	229	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	321,637	312,735	Oats, Bu.	4,500	76.0	342,000	9
Average Age of Farmers	49.4	50.9	All Hay, Tons	33,100	4.3	142,000	10
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	62,408	27	Hogs and Pigs (December 1, 2004)		98,000		24
Livestock	96,376	14	Cattle (January 1, 2005)		67,000		6
Government Payments	13,359	19	Beef Cows (January 1, 2005)		6,600		21
Total	172,143	16	Milk Cows (January 1, 2005)		20,500		5

**GRANT**2000 Population  
6,289

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	510	606	Corn, Bu.	93,400	145.0	13,543,000	39
Total Land in Farms, Acres	301,040	317,464	Soybeans, Bu.	110,600	34.0	3,760,400	30
Average Farm Size, Acres	590	524	All Wheat, Bu.	35,000	61.0	2,135,000	13
Total Cropland, Acres	268,016	288,565	Oats, Bu.	*	*	*	*
Average Age of Farmers	53.1	54.2	All Hay, Tons	5,900	3.8	22,700	70
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	49,936	42	Hogs and Pigs (December 1, 2004)		14,500		48
Livestock	9,749	68	Cattle (January 1, 2005)		5,000		81
Government Payments	8,822	44	Beef Cows (January 1, 2005)		700		83
Total	68,507	57	Milk Cows (January 1, 2005)		1,500		55

**HENNEPIN**2000 Population  
1,116,200

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	641	626	Corn, Bu.	15,600	151.0	2,355,600	62
Total Land in Farms, Acres	71,864	65,426	Soybeans, Bu.	14,600	33.0	481,800	65
Average Farm Size, Acres	112	105	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	56,182	49,214	Oats, Bu.	700	65.0	45,500	66
Average Age of Farmers	53.8	55.8	All Hay, Tons	9,000	2.5	22,900	69
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	37,598	51	Hogs and Pigs (December 1, 2004)		*		*
Livestock	9,933	66	Cattle (January 1, 2005)		7,500		77
Government Payments	1,987	70	Beef Cows (January 1, 2005)		1,000		80
Total	49,518	63	Milk Cows (January 1, 2005)		1,900		48

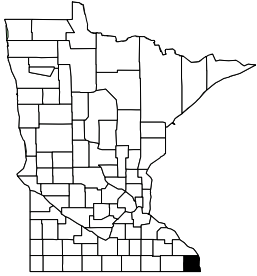
Population data is from the U.S. Census Bureau

\* County estimates not published

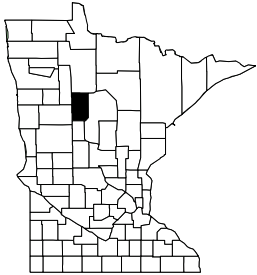
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

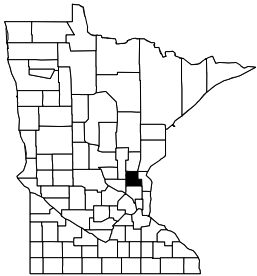
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**HOUSTON**2000 Population  
1,718

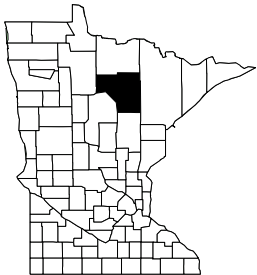
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	998	1,031	Corn, Bu.	49,200	166.0	8,167,200	47
Total Land in Farms, Acres	301,114	253,600	Soybeans, Bu.	27,300	45.0	1,228,500	53
Average Farm Size, Acres	302	246	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	188,177	151,701	Oats, Bu.	4,800	65.0	312,000	10
Average Age of Farmers	53.0	55.8	All Hay, Tons	36,300	4.1	148,500	9
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	22,636	60	Hogs and Pigs (December 1, 2004)			24,000	37
Livestock	52,373	37	Cattle (January 1, 2005)			59,000	9
Government Payments	7,416	55	Beef Cows (January 1, 2005)			9,600	9
Total	82,425	54	Milk Cows (January 1, 2005)			9,600	12

**HUBBARD**2000 Population  
18,376

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	503	535	Corn, Bu.	8,100	89.0	720,900	68
Total Land in Farms, Acres	145,512	140,004	Soybeans, Bu.	5,500	14.0	77,000	73
Average Farm Size, Acres	289	262	All Wheat, Bu.	2,300	40.0	92,000	38
Total Cropland, Acres	76,670	74,707	Oats, Bu.	1,100	45.0	49,500	63
Average Age of Farmers	54.9	56.3	All Hay, Tons	22,100	1.3	28,600	65
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	19,958	65	Hogs and Pigs (December 1, 2004)			*	*
Livestock	6,037	80	Cattle (January 1, 2005)			9,500	70
Government Payments	977	77	Beef Cows (January 1, 2005)			4,000	37
Total	26,972	70	Milk Cows (January 1, 2005)			*	*

**ISANTI**2000 Population  
31,287

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	858	952	Corn, Bu.	36,200	112.0	4,054,400	55
Total Land in Farms, Acres	152,216	138,608	Soybeans, Bu.	27,600	22.0	607,200	62
Average Farm Size, Acres	177	146	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	105,945	97,435	Oats, Bu.	1,000	62.0	62,000	56
Average Age of Farmers	52.0	53.1	All Hay, Tons	16,600	2.5	42,000	53
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	11,844	70	Hogs and Pigs (December 1, 2004)			3,700	58
Livestock	9,034	69	Cattle (January 1, 2005)			9,500	70
Government Payments	2,217	67	Beef Cows (January 1, 2005)			2,300	55
Total	23,095	75	Milk Cows (January 1, 2005)			1,500	55

**ITASCA**2000 Population  
43,992

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	476	494	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	115,380	120,176	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	242	243	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	61,050	57,400	Oats, Bu.	1,100	64.0	70,400	52
Average Age of Farmers	53.8	55.0	All Hay, Tons	30,500	1.5	45,500	46
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	1,405	84	Hogs and Pigs (December 1, 2004)			*	*
Livestock	3,771	82	Cattle (January 1, 2005)			9,500	70
Government Payments	257	84	Beef Cows (January 1, 2005)			4,600	31
Total	5,433	84	Milk Cows (January 1, 2005)			*	*

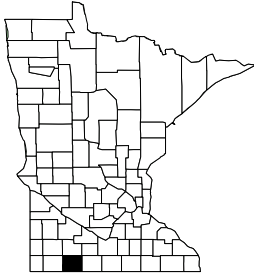
Population data is from the U.S. Census Bureau

\* County estimates not published

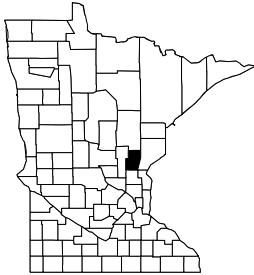
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

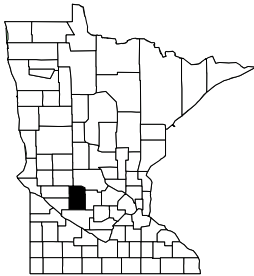
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**JACKSON**2000 Population  
11,268

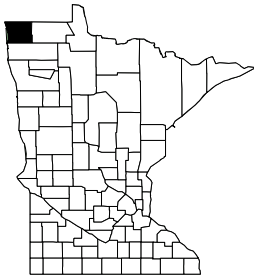
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	982	989	Corn, Bu.	179,400	180.0	32,292,000	7
Total Land in Farms, Acres	382,192	398,068	Soybeans, Bu.	169,000	39.0	6,591,000	7
Average Farm Size, Acres	389	402	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	352,120	372,634	Oats, Bu.	700	81.0	56,700	59
Average Age of Farmers	49.9	52.8	All Hay, Tons	6,100	3.2	19,300	74
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	86,497	13	Hogs and Pigs (December 1, 2004)		236,000		8
Livestock	71,939	23	Cattle (January 1, 2005)		19,000		48
Government Payments	13,198	21	Beef Cows (January 1, 2005)		2,100		58
Total	171,634	17	Milk Cows (January 1, 2005)		600		74

**KANABEC**2000 Population  
14,996

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	716	796	Corn, Bu.	13,300	94.0	1,250,200	65
Total Land in Farms, Acres	152,157	158,736	Soybeans, Bu.	9,500	22.0	209,000	70
Average Farm Size, Acres	213	199	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	73,541	85,589	Oats, Bu.	1,500	63.0	94,500	41
Average Age of Farmers	50.7	53.6	All Hay, Tons	33,400	2.8	94,600	17
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	3,420	80	Hogs and Pigs (December 1, 2004)		4,400		57
Livestock	14,667	61	Cattle (January 1, 2005)		23,000		41
Government Payments	1,674	75	Beef Cows (January 1, 2005)		7,500		18
Total	19,761	77	Milk Cows (January 1, 2005)		2,100		47

**KANDIYOHI**2000 Population  
41,203

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,225	1,286	Corn, Bu.	139,200	155.0	21,576,000	23
Total Land in Farms, Acres	394,915	407,905	Soybeans, Bu.	118,400	35.0	4,144,000	23
Average Farm Size, Acres	322	317	All Wheat, Bu.	5,300	60.0	318,000	26
Total Cropland, Acres	338,569	353,536	Oats, Bu.	2,800	77.0	215,600	16
Average Age of Farmers	51.3	54.9	All Hay, Tons	19,800	3.7	72,700	28
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	75,508	22	Hogs and Pigs (December 1, 2004)		87,000		28
Livestock	145,039	3	Cattle (January 1, 2005)		26,500		33
Government Payments	14,429	13	Beef Cows (January 1, 2005)		2,300		55
Total	234,976	6	Milk Cows (January 1, 2005)		7,200		20

**KITTSO**2000 Population  
5,285

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	635	659	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	581,505	555,561	Soybeans, Bu.	48,900	15.0	733,500	58
Average Farm Size, Acres	916	843	All Wheat, Bu.	142,100	53.6	7,617,500	5
Total Cropland, Acres	494,187	470,873	Oats, Bu.	1,600	62.0	99,200	39
Average Age of Farmers	51.8	55.4	All Hay, Tons	25,800	1.9	49,600	39
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	76,120	20	Hogs and Pigs (December 1, 2004)		1,300		63
Livestock	8,291	71	Cattle (January 1, 2005)		15,500		56
Government Payments	18,798	5	Beef Cows (January 1, 2005)		7,100		19
Total	103,209	46	Milk Cows (January 1, 2005)		1,600		54

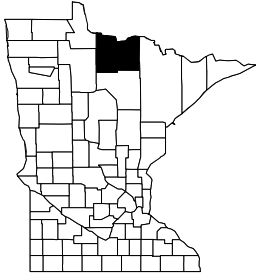
Population data is from the U.S. Census Bureau

\* County estimates not published

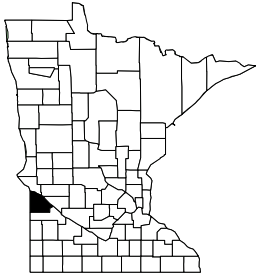
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2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

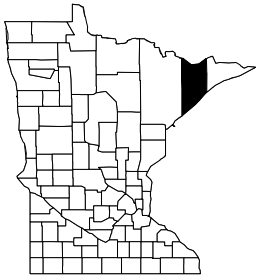
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**KOOCHICHING**2000 Population  
14,355

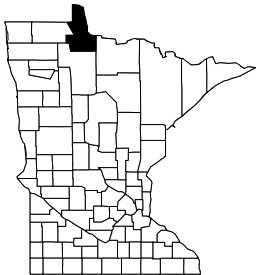
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	243	258	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	88,075	74,318	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	362	288	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	47,722	39,836	Oats, Bu.	*	*	*	*
Average Age of Farmers	51.8	52.4	All Hay, Tons	19,500	1.8	34,600	62
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	1,299	85	Hogs and Pigs (December 1, 2004)			*	*
Livestock	3,158	83	Cattle (January 1, 2005)			5,500	80
Government Payments	453	82	Beef Cows (January 1, 2005)			2,700	51
Total	4,910	85	Milk Cows (January 1, 2005)			*	*

**LAC QUI PARLE**2000 Population  
8,067

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	809	910	Corn, Bu.	158,200	150.0	23,730,000	19
Total Land in Farms, Acres	408,033	435,002	Soybeans, Bu.	168,100	32.0	5,379,200	14
Average Farm Size, Acres	504	478	All Wheat, Bu.	13,600	63.0	856,800	17
Total Cropland, Acres	369,965	390,899	Oats, Bu.	700	61.0	42,700	68
Average Age of Farmers	50.7	52.7	All Hay, Tons	14,100	2.9	40,900	54
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	60,243	29	Hogs and Pigs (December 1, 2004)			87,000	28
Livestock	59,116	33	Cattle (January 1, 2005)			18,500	53
Government Payments	12,560	25	Beef Cows (January 1, 2005)			4,900	29
Total	131,919	33	Milk Cows (January 1, 2005)			1,000	65

**LAKE**2000 Population  
11,058

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	45	46	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	4,906	4,807	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	109	105	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	2,007	2,282	Oats, Bu.	*	*	*	*
Average Age of Farmers	55.8	57.3	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	52	86	Hogs and Pigs (December 1, 2004)			*	*
Livestock	108	85	Cattle (January 1, 2005)			*	*
Government Payments	*	*	Beef Cows (January 1, 2005)			*	*
Total	160	86	Milk Cows (January 1, 2005)			*	*

**LAKE OF THE WOODS**2000 Population  
4,522

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	237	266	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	158,907	152,491	Soybeans, Bu.	800	15.0	12,000	76
Average Farm Size, Acres	670	573	All Wheat, Bu.	11,500	41.0	471,500	23
Total Cropland, Acres	103,403	103,478	Oats, Bu.	*	*	*	*
Average Age of Farmers	52.8	55.1	All Hay, Tons	14,300	1.4	20,000	73
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	6,105	76	Hogs and Pigs (December 1, 2004)			*	*
Livestock	2,048	84	Cattle (January 1, 2005)			5,000	81
Government Payments	2,065	69	Beef Cows (January 1, 2005)			1,900	64
Total	10,218	81	Milk Cows (January 1, 2005)			*	*

Population data is from the U.S. Census Bureau

\* County estimates not published

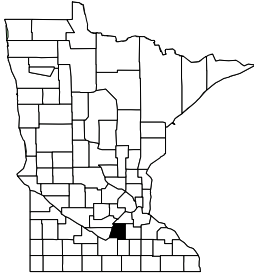
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

### LE SUEUR

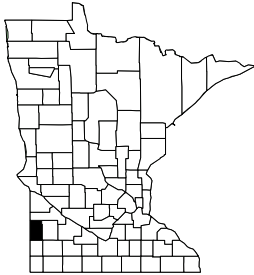
2000 Population  
25,426



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	934	974	Corn, Bu.	92,800	172.0	15,961,600	34
Total Land in Farms, Acres	217,338	238,076	Soybeans, Bu.	81,700	40.0	3,268,000	38
Average Farm Size, Acres	233	244	All Wheat, Bu.	900	54.0	48,600	43
Total Cropland, Acres	183,790	203,717	Oats, Bu.	600	65.0	39,000	69
Average Age of Farmers	52.1	55.1	All Hay, Tons	7,800	3.6	27,800	66
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	40,841	46	Hogs and Pigs (December 1, 2004)			76,000	31
Livestock	42,159	43	Cattle (January 1, 2005)			19,000	48
Government Payments	8,098	52	Beef Cows (January 1, 2005)			2,100	58
Total	91,098	52	Milk Cows (January 1, 2005)			3,500	36

### LINCOLN

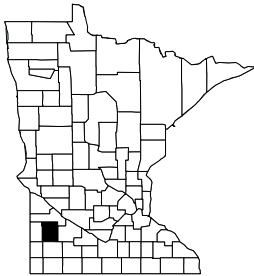
2000 Population  
6,429



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	755	761	Corn, Bu.	92,200	142.0	13,092,400	40
Total Land in Farms, Acres	275,950	271,345	Soybeans, Bu.	96,800	35.0	3,388,000	37
Average Farm Size, Acres	365	357	All Wheat, Bu.	10,900	60.0	654,000	21
Total Cropland, Acres	238,939	238,738	Oats, Bu.	1,300	90.0	117,000	31
Average Age of Farmers	52.7	55.1	All Hay, Tons	16,500	3.3	53,900	35
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	39,977	47	Hogs and Pigs (December 1, 2004)			84,000	30
Livestock	48,466	39	Cattle (January 1, 2005)			28,500	27
Government Payments	8,915	42	Beef Cows (January 1, 2005)			5,300	27
Total	97,358	47	Milk Cows (January 1, 2005)			2,700	40

### LYON

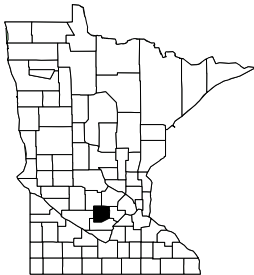
2000 Population  
25,425



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	949	949	Corn, Bu.	176,600	160.0	28,256,000	13
Total Land in Farms, Acres	400,808	404,004	Soybeans, Bu.	161,300	38.0	6,129,400	10
Average Farm Size, Acres	422	426	All Wheat, Bu.	4,100	58.0	237,800	27
Total Cropland, Acres	363,205	366,997	Oats, Bu.	1,100	79.0	86,900	45
Average Age of Farmers	49.7	52.1	All Hay, Tons	11,600	4.3	50,300	38
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	75,706	21	Hogs and Pigs (December 1, 2004)			166,000	17
Livestock	82,773	20	Cattle (January 1, 2005)			48,000	12
Government Payments	11,540	28	Beef Cows (January 1, 2005)			4,300	34
Total	170,019	18	Milk Cows (January 1, 2005)			1,100	63

### MCLEOD

2000 Population  
34,898



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,055	987	Corn, Bu.	104,400	156.0	16,286,400	32
Total Land in Farms, Acres	256,398	262,724	Soybeans, Bu.	88,000	35.0	3,080,000	42
Average Farm Size, Acres	243	266	All Wheat, Bu.	3,400	53.0	180,200	33
Total Cropland, Acres	227,302	235,243	Oats, Bu.	1,600	69.0	110,400	34
Average Age of Farmers	51.4	52.8	All Hay, Tons	13,100	4.0	52,100	37
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	49,852	43	Hogs and Pigs (December 1, 2004)			10,000	52
Livestock	35,970	49	Cattle (January 1, 2005)			32,000	23
Government Payments	9,201	38	Beef Cows (January 1, 2005)			1,900	64
Total	95,023	49	Milk Cows (January 1, 2005)			8,700	13

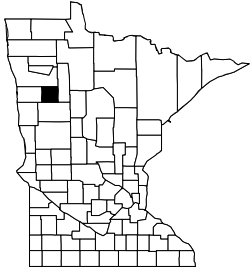
Population data is from the U.S. Census Bureau

\* County estimates not published

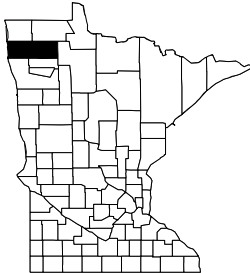
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

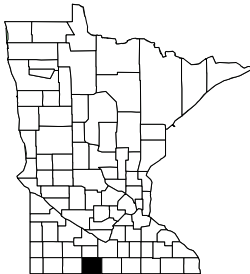
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**MAHNOMEN**2000 Population  
5,190

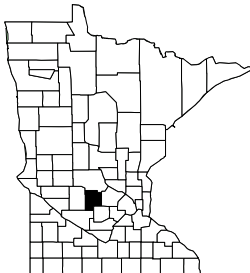
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	383	363	Corn, Bu.	16,200	68.0	1,101,600	66
Total Land in Farms, Acres	219,476	194,854	Soybeans, Bu.	52,600	12.0	631,200	61
Average Farm Size, Acres	573	537	All Wheat, Bu.	24,100	57.0	1,373,700	15
Total Cropland, Acres	176,769	156,194	Oats, Bu.	1,000	83.0	83,000	49
Average Age of Farmers	50.7	54.6	All Hay, Tons	17,600	2.6	45,900	45
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	19,773	66	Hogs and Pigs (December 1, 2004)			*	*
Livestock	6,615	76	Cattle (January 1, 2005)			10,000	68
Government Payments	5,205	62	Beef Cows (January 1, 2005)			3,100	45
Total	31,593	69	Milk Cows (January 1, 2005)			1,500	55

**MARSHALL**2000 Population  
10,155

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,307	1,409	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	921,143	934,932	Soybeans, Bu.	104,600	7.0	732,200	59
Average Farm Size, Acres	705	664	All Wheat, Bu.	196,100	48.8	9,569,900	2
Total Cropland, Acres	817,168	810,677	Oats, Bu.	2,200	52.0	114,400	32
Average Age of Farmers	52.0	53.7	All Hay, Tons	34,600	2.7	93,900	18
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	120,465	4	Hogs and Pigs (December 1, 2004)			*	*
Livestock	10,785	64	Cattle (January 1, 2005)			16,000	55
Government Payments	30,314	2	Beef Cows (January 1, 2005)			5,900	24
Total	161,564	22	Milk Cows (January 1, 2005)			500	75

**MARTIN**2000 Population  
21,802

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	998	954	Corn, Bu.	216,200	192.0	41,510,400	2
Total Land in Farms, Acres	424,254	422,758	Soybeans, Bu.	183,700	42.0	7,715,400	2
Average Farm Size, Acres	425	443	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	401,182	398,447	Oats, Bu.	1,000	87.0	87,000	44
Average Age of Farmers	49.7	52.2	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	105,399	7	Hogs and Pigs (December 1, 2004)			689,000	1
Livestock	176,061	2	Cattle (January 1, 2005)			21,000	44
Government Payments	15,681	10	Beef Cows (January 1, 2005)			1,500	70
Total	297,141	3	Milk Cows (January 1, 2005)			1,200	61

**MEEKER**2000 Population  
22,644

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,079	1,141	Corn, Bu.	114,300	151.0	17,259,300	31
Total Land in Farms, Acres	304,171	340,552	Soybeans, Bu.	107,000	35.0	3,745,000	32
Average Farm Size, Acres	282	298	All Wheat, Bu.	3,900	51.0	198,900	31
Total Cropland, Acres	257,400	286,531	Oats, Bu.	2,600	75.0	195,000	18
Average Age of Farmers	51.0	53.5	All Hay, Tons	14,200	4.2	59,600	33
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	43,648	45	Hogs and Pigs (December 1, 2004)			13,000	50
Livestock	84,764	19	Cattle (January 1, 2005)			27,500	29
Government Payments	9,702	37	Beef Cows (January 1, 2005)			2,900	49
Total	138,114	30	Milk Cows (January 1, 2005)			7,500	18

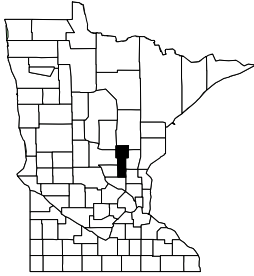
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\* County estimates not published

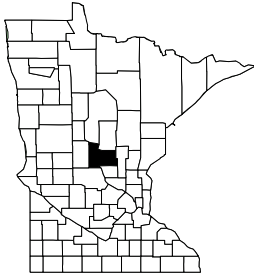
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

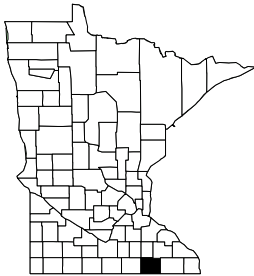
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**MILLE LACS**2000 Population  
22,330

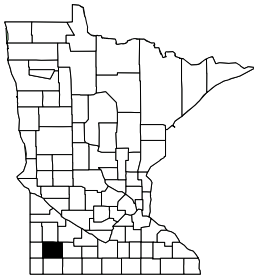
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	799	847	Corn, Bu.	20,300	122.0	2,476,600	60
Total Land in Farms, Acres	149,832	132,369	Soybeans, Bu.	12,900	30.0	387,000	68
Average Farm Size, Acres	188	156	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	91,318	80,596	Oats, Bu.	1,900	71.0	134,900	27
Average Age of Farmers	51.5	52.7	All Hay, Tons	30,400	2.8	84,500	22
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	4,622	79	Hogs and Pigs (December 1, 2004)			1,700	62
Livestock	19,819	54	Cattle (January 1, 2005)			19,000	48
Government Payments	2,300	66	Beef Cows (January 1, 2005)			3,900	41
Total	26,741	72	Milk Cows (January 1, 2005)			3,500	36

**MORRISON**2000 Population  
31,712

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,958	1,924	Corn, Bu.	79,200	92.0	7,286,400	49
Total Land in Farms, Acres	456,837	452,120	Soybeans, Bu.	25,800	28.0	722,400	60
Average Farm Size, Acres	233	235	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	259,598	261,867	Oats, Bu.	6,400	67.0	428,800	6
Average Age of Farmers	49.6	51.2	All Hay, Tons	73,100	2.9	210,100	5
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	21,339	63	Hogs and Pigs (December 1, 2004)			19,000	45
Livestock	132,889	5	Cattle (January 1, 2005)			88,000	3
Government Payments	10,871	31	Beef Cows (January 1, 2005)			15,500	3
Total	165,099	21	Milk Cows (January 1, 2005)			26,400	2

**MOWER**2000 Population  
38,603

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,166	1,088	Corn, Bu.	182,400	169.0	30,825,600	9
Total Land in Farms, Acres	407,685	412,145	Soybeans, Bu.	159,700	40.0	6,388,000	9
Average Farm Size, Acres	350	379	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	378,741	382,759	Oats, Bu.	1,800	78.0	140,400	26
Average Age of Farmers	50.1	51.4	All Hay, Tons	12,400	3.8	47,500	42
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	79,475	17	Hogs and Pigs (December 1, 2004)			239,000	6
Livestock	73,027	21	Cattle (January 1, 2005)			25,500	37
Government Payments	14,443	12	Beef Cows (January 1, 2005)			3,100	46
Total	166,945	20	Milk Cows (January 1, 2005)			5,000	28

**MURRAY**2000 Population  
9,165

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	849	911	Corn, Bu.	178,500	159.0	28,381,500	12
Total Land in Farms, Acres	387,758	407,488	Soybeans, Bu.	163,800	37.0	6,060,600	11
Average Farm Size, Acres	457	447	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	356,086	375,648	Oats, Bu.	2,300	83.0	190,900	19
Average Age of Farmers	49.1	51.7	All Hay, Tons	14,400	3.9	55,700	34
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	71,723	24	Hogs and Pigs (December 1, 2004)			129,000	20
Livestock	64,879	29	Cattle (January 1, 2005)			39,000	16
Government Payments	12,506	26	Beef Cows (January 1, 2005)			4,900	29
Total	149,108	24	Milk Cows (January 1, 2005)			4,200	33

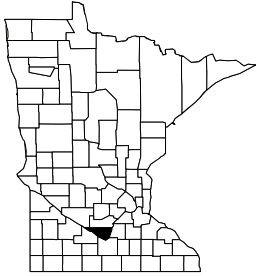
Population data is from the U.S. Census Bureau

\* County estimates not published

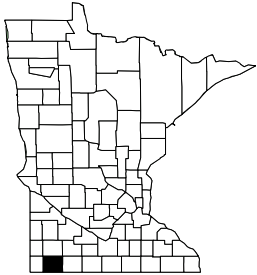
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2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

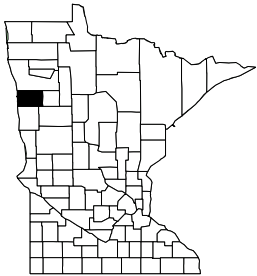
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**NICOLLET**2000 Population  
29,771

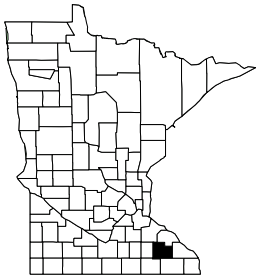
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	741	730	Corn, Bu.	117,800	173.0	20,379,400	26
Total Land in Farms, Acres	253,483	257,101	Soybeans, Bu.	92,200	38.0	3,503,600	33
Average Farm Size, Acres	342	352	All Wheat, Bu.	1,000	48.0	48,000	44
Total Cropland, Acres	236,871	234,069	Oats, Bu.	1,000	70.0	70,000	53
Average Age of Farmers	48.5	51.9	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	58,096	33	Hogs and Pigs (December 1, 2004)			279,000	4
Livestock	114,908	9	Cattle (January 1, 2005)			19,000	48
Government Payments	8,615	47	Beef Cows (January 1, 2005)			800	81
Total	181,619	11	Milk Cows (January 1, 2005)			6,800	21

**NOBLES**2000 Population  
20,832

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,029	1,043	Corn, Bu.	198,800	166.0	33,000,800	5
Total Land in Farms, Acres	393,866	404,307	Soybeans, Bu.	178,500	40.0	7,140,000	5
Average Farm Size, Acres	383	388	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	369,479	374,443	Oats, Bu.	1,200	90.0	108,000	37
Average Age of Farmers	49.3	50.6	All Hay, Tons	12,500	3.5	43,700	50
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	77,220	19	Hogs and Pigs (December 1, 2004)			306,000	3
Livestock	103,607	11	Cattle (January 1, 2005)			46,000	13
Government Payments	13,711	16	Beef Cows (January 1, 2005)			3,300	44
Total	194,538	10	Milk Cows (January 1, 2005)			4,600	29

**NORMAN**2000 Population  
7,442

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	726	660	Corn, Bu.	39,500	89.0	3,515,500	57
Total Land in Farms, Acres	530,516	527,283	Soybeans, Bu.	168,000	14.0	2,352,000	47
Average Farm Size, Acres	731	799	All Wheat, Bu.	137,600	60.0	8,256,000	4
Total Cropland, Acres	475,031	478,248	Oats, Bu.	1,000	75.0	75,000	50
Average Age of Farmers	50.6	53.8	All Hay, Tons	13,700	2.8	38,900	57
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	95,876	9	Hogs and Pigs (December 1, 2004)			2,700	61
Livestock	6,058	79	Cattle (January 1, 2005)			9,500	70
Government Payments	18,736	6	Beef Cows (January 1, 2005)			2,500	53
Total	120,670	36	Milk Cows (January 1, 2005)			1,900	48

**OLMSTED**2000 Population  
124,277

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,399	1,395	Corn, Bu.	102,400	173.0	17,715,200	30
Total Land in Farms, Acres	303,388	313,020	Soybeans, Bu.	77,500	41.0	3,177,500	40
Average Farm Size, Acres	217	224	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	241,720	255,083	Oats, Bu.	4,500	67.0	301,500	11
Average Age of Farmers	53.0	53.5	All Hay, Tons	24,900	4.3	108,300	14
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	51,761	39	Hogs and Pigs (December 1, 2004)			48,000	32
Livestock	61,652	31	Cattle (January 1, 2005)			50,500	11
Government Payments	10,869	32	Beef Cows (January 1, 2005)			9,200	11
Total	124,282	35	Milk Cows (January 1, 2005)			8,600	14

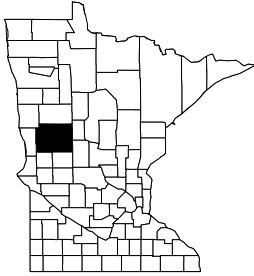
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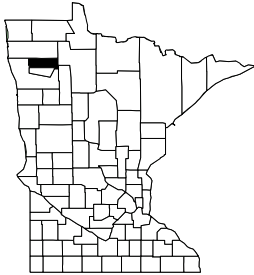
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2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

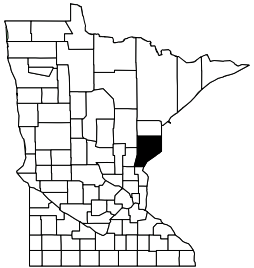
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**OTTER TAIL**  
 2000 Population  
 57,159


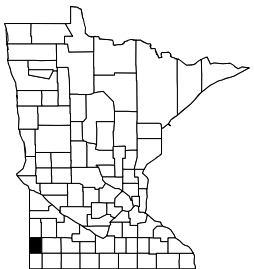
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	2,899	3,013	Corn, Bu.	128,100	118.0	15,115,800	36
Total Land in Farms, Acres	910,179	880,525	Soybeans, Bu.	134,100	26.0	3,486,600	34
Average Farm Size, Acres	314	292	All Wheat, Bu.	54,800	54.0	2,959,200	8
Total Cropland, Acres	640,670	614,307	Oats, Bu.	15,800	58.0	916,400	2
Average Age of Farmers	52.4	54.0	All Hay, Tons	110,600	2.8	308,200	2
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	90,297	12	Hogs and Pigs (December 1, 2004)		24,000		37
Livestock	122,849	6	Cattle (January 1, 2005)		97,500		2
Government Payments	18,480	7	Beef Cows (January 1, 2005)		17,100		2
Total	231,626	7	Milk Cows (January 1, 2005)		23,800		4

**PENNINGTON**  
 2000 Population  
 13,584


Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	602	610	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	378,589	331,574	Soybeans, Bu.	57,600	7.0	403,200	66
Average Farm Size, Acres	629	544	All Wheat, Bu.	61,900	47.7	2,953,600	9
Total Cropland, Acres	322,239	273,726	Oats, Bu.	1,800	51.0	91,800	42
Average Age of Farmers	53.2	55.4	All Hay, Tons	29,500	2.8	83,800	23
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	33,889	55	Hogs and Pigs (December 1, 2004)		*		*
Livestock	5,305	81	Cattle (January 1, 2005)		9,000		74
Government Payments	8,954	41	Beef Cows (January 1, 2005)		3,900		41
Total	48,148	64	Milk Cows (January 1, 2005)		500		75

**PINE**  
 2000 Population  
 26,530


Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,089	1,199	Corn, Bu.	15,000	118.0	1,770,000	63
Total Land in Farms, Acres	279,296	254,858	Soybeans, Bu.	9,700	31.0	300,700	69
Average Farm Size, Acres	256	213	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	141,101	130,846	Oats, Bu.	3,000	51.0	153,000	24
Average Age of Farmers	52.4	53.8	All Hay, Tons	56,400	2.7	152,300	7
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	9,164	73	Hogs and Pigs (December 1, 2004)		*		*
Livestock	29,446	50	Cattle (January 1, 2005)		32,500		22
Government Payments	2,745	65	Beef Cows (January 1, 2005)		10,000		8
Total	41,355	66	Milk Cows (January 1, 2005)		5,400		27

**PIPESTONE**  
 2000 Population  
 9,895


Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	696	703	Corn, Bu.	100,100	143.0	14,314,300	37
Total Land in Farms, Acres	239,922	249,432	Soybeans, Bu.	91,300	34.0	3,104,200	41
Average Farm Size, Acres	345	355	All Wheat, Bu.	1,000	52.0	52,000	42
Total Cropland, Acres	210,101	213,623	Oats, Bu.	1,800	70.0	126,000	30
Average Age of Farmers	47.5	50.9	All Hay, Tons	13,900	3.3	45,500	47
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	38,911	48	Hogs and Pigs (December 1, 2004)		216,000		10
Livestock	92,358	16	Cattle (January 1, 2005)		36,000		18
Government Payments	7,043	56	Beef Cows (January 1, 2005)		8,300		13
Total	138,312	29	Milk Cows (January 1, 2005)		4,600		29

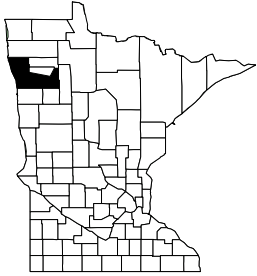
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\* County estimates not published

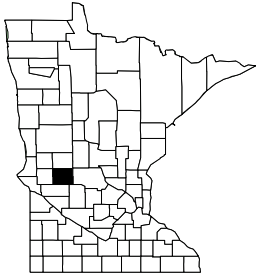
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

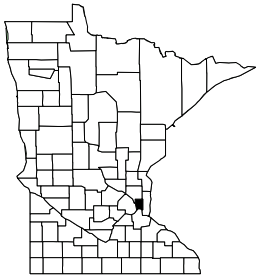
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**POLK**2000 Population  
31,369

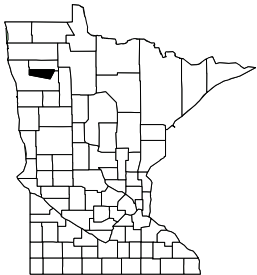
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,501	1,518	Corn, Bu.	32,400	76.0	2,462,400	61
Total Land in Farms, Acres	1,180,478	1,111,199	Soybeans, Bu.	266,200	13.0	3,460,600	35
Average Farm Size, Acres	786	732	All Wheat, Bu.	269,300	57.9	15,587,400	1
Total Cropland, Acres	1,043,671	985,737	Oats, Bu.	1,900	68.0	129,200	29
Average Age of Farmers	50.6	53.7	All Hay, Tons	34,400	2.2	76,000	27
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	217,894	1	Hogs and Pigs (December 1, 2004)			8,800	55
Livestock	17,467	56	Cattle (January 1, 2005)			21,500	43
Government Payments	31,496	1	Beef Cows (January 1, 2005)			7,600	16
Total	266,857	4	Milk Cows (January 1, 2005)			2,300	44

**POPE**2000 Population  
11,236

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	880	924	Corn, Bu.	93,200	135.0	12,582,000	42
Total Land in Farms, Acres	345,689	350,160	Soybeans, Bu.	84,700	33.0	2,795,100	43
Average Farm Size, Acres	393	379	All Wheat, Bu.	9,900	50.0	495,000	22
Total Cropland, Acres	285,524	290,302	Oats, Bu.	2,500	69.0	172,500	22
Average Age of Farmers	51.7	53.1	All Hay, Tons	24,100	3.8	91,300	19
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	45,996	44	Hogs and Pigs (December 1, 2004)			44,000	33
Livestock	37,921	47	Cattle (January 1, 2005)			35,500	19
Government Payments	10,337	34	Beef Cows (January 1, 2005)			5,600	26
Total	94,254	50	Milk Cows (January 1, 2005)			6,200	25

**RAMSEY**2000 Population  
511,035

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	64	36	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	(D)	1,050	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	(D)	29	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	2,803	324	Oats, Bu.	*	*	*	*
Average Age of Farmers	57.2	56.4	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	7,613	74	Hogs and Pigs (December 1, 2004)			*	*
Livestock	100	86	Cattle (January 1, 2005)			*	*
Government Payments	*	*	Beef Cows (January 1, 2005)			*	*
Total	7,713	83	Milk Cows (January 1, 2005)			*	*

**RED LAKE**2000 Population  
4,299

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	424	378	Corn, Bu.	3,600	49.0	176,400	71
Total Land in Farms, Acres	237,605	226,944	Soybeans, Bu.	64,900	13.0	843,700	57
Average Farm Size, Acres	560	600	All Wheat, Bu.	51,000	56.0	2,856,000	10
Total Cropland, Acres	200,450	190,901	Oats, Bu.	1,000	75.0	75,000	50
Average Age of Farmers	52.4	53.8	All Hay, Tons	15,500	2.8	43,400	51
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	21,506	62	Hogs and Pigs (December 1, 2004)			*	*
Livestock	7,430	74	Cattle (January 1, 2005)			11,000	67
Government Payments	5,776	61	Beef Cows (January 1, 2005)			4,500	32
Total	34,712	67	Milk Cows (January 1, 2005)			900	69

Population data is from the U.S. Census Bureau

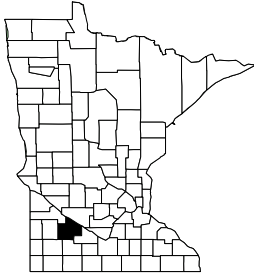
\* County estimates not published

1/ 2002 Census of Agriculture

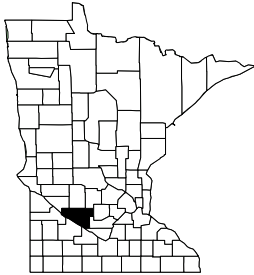
2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

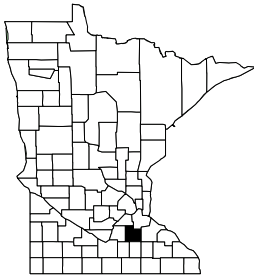
(D) Withheld to avoid disclosing data for individual farms.

**REDWOOD**2000 Population  
16,815

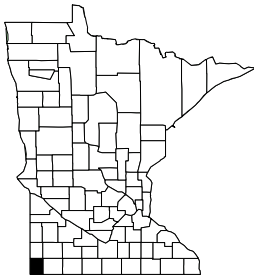
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,163	1,198	Corn, Bu.	235,800	171.0	40,321,800	3
Total Land in Farms, Acres	503,690	545,248	Soybeans, Bu.	212,700	39.0	8,295,300	1
Average Farm Size, Acres	433	455	All Wheat, Bu.	3,300	47.0	155,100	34
Total Cropland, Acres	468,692	510,061	Oats, Bu.	800	80.0	64,000	54
Average Age of Farmers	48.6	51.1	All Hay, Tons	8,500	4.2	35,900	60
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock	Number		Rank	
Crops	109,926	5	Hogs and Pigs (December 1, 2004)	190,000		14	
Livestock	101,563	12	Cattle (January 1, 2005)	40,500		15	
Government Payments	17,098	9	Beef Cows (January 1, 2005)	4,000		38	
Total	228,587	8	Milk Cows (January 1, 2005)	1,500		55	

**RENNVILLE**2000 Population  
17,154

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,124	1,164	Corn, Bu.	254,800	164.0	41,787,200	1
Total Land in Farms, Acres	603,911	664,056	Soybeans, Bu.	217,500	34.0	7,395,000	3
Average Farm Size, Acres	537	570	All Wheat, Bu.	6,000	56.0	336,000	25
Total Cropland, Acres	567,812	628,289	Oats, Bu.	800	74.0	59,200	57
Average Age of Farmers	49.1	51.6	All Hay, Tons	7,700	4.1	31,200	63
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock	Number		Rank	
Crops	173,455	2	Hogs and Pigs (December 1, 2004)	201,000		12	
Livestock	118,098	7	Cattle (January 1, 2005)	25,000		38	
Government Payments	19,704	4	Beef Cows (January 1, 2005)	1,300		74	
Total	311,257	2	Milk Cows (January 1, 2005)	2,600		41	

**RICE**2000 Population  
56,665

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,290	1,296	Corn, Bu.	76,100	170.0	12,937,000	41
Total Land in Farms, Acres	256,572	248,818	Soybeans, Bu.	65,800	40.0	2,632,000	45
Average Farm Size, Acres	199	192	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	209,597	205,615	Oats, Bu.	2,500	69.0	172,500	22
Average Age of Farmers	50.9	53.2	All Hay, Tons	13,200	3.6	47,700	41
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock	Number		Rank	
Crops	37,710	50	Hogs and Pigs (December 1, 2004)	100,000		23	
Livestock	58,574	34	Cattle (January 1, 2005)	27,500		29	
Government Payments	8,516	48	Beef Cows (January 1, 2005)	2,700		51	
Total	104,800	44	Milk Cows (January 1, 2005)	8,400		15	

**ROCK**2000 Population  
9,721

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	708	721	Corn, Bu.	127,800	158.0	20,192,400	27
Total Land in Farms, Acres	278,544	299,090	Soybeans, Bu.	117,100	42.0	4,918,200	16
Average Farm Size, Acres	393	415	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	257,998	268,581	Oats, Bu.	1,400	96.0	134,400	28
Average Age of Farmers	47.5	50.2	All Hay, Tons	12,700	3.7	47,200	44
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock	Number		Rank	
Crops	54,483	37	Hogs and Pigs (December 1, 2004)	220,000		9	
Livestock	117,841	8	Cattle (January 1, 2005)	54,000		10	
Government Payments	8,846	43	Beef Cows (January 1, 2005)	6,800		20	
Total	181,170	13	Milk Cows (January 1, 2005)	2,900		39	

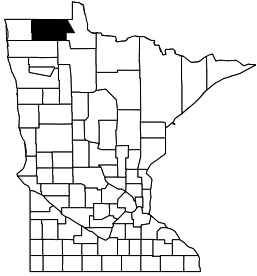
Population data is from the U.S. Census Bureau

\* County estimates not published

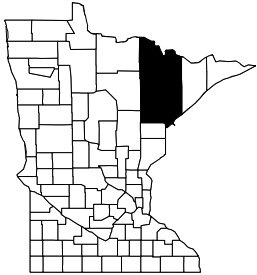
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

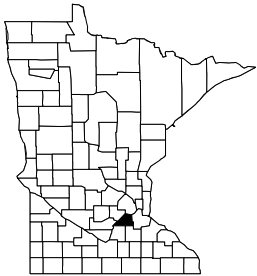
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**ROSEAU**2000 Population  
16,338

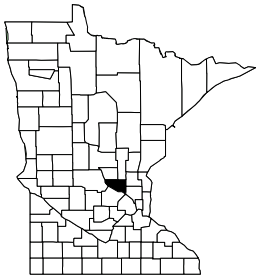
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,215	1,238	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	711,732	702,918	Soybeans, Bu.	6,000	10.0	60,000	75
Average Farm Size, Acres	586	568	All Wheat, Bu.	72,500	36.6	2,655,000	11
Total Cropland, Acres	577,347	582,102	Oats, Bu.	1,200	45.0	54,000	60
Average Age of Farmers	52.5	54.3	All Hay, Tons	52,700	2.3	119,700	11
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	50,712	40	Hogs and Pigs (December 1, 2004)			*	*
Livestock	20,391	53	Cattle (January 1, 2005)			24,500	40
Government Payments	18,227	8	Beef Cows (January 1, 2005)			8,700	12
Total	89,330	53	Milk Cows (January 1, 2005)			2,200	45

**ST. LOUIS**2000 Population  
200,528

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	861	978	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	187,502	175,076	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	218	179	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	104,043	88,989	Oats, Bu.	1,900	57.0	108,300	36
Average Age of Farmers	52.4	53.8	All Hay, Tons	61,600	1.7	104,000	15
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	5,234	78	Hogs and Pigs (December 1, 2004)			*	*
Livestock	6,195	78	Cattle (January 1, 2005)			13,500	59
Government Payments	443	83	Beef Cows (January 1, 2005)			5,700	25
Total	11,872	80	Milk Cows (January 1, 2005)			1,000	65

**SCOTT**2000 Population  
89,498

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	896	1,004	Corn, Bu.	36,800	170.0	6,256,000	53
Total Land in Farms, Acres	120,442	130,889	Soybeans, Bu.	32,500	38.0	1,235,000	52
Average Farm Size, Acres	134	130	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	100,732	108,912	Oats, Bu.	1,300	79.0	102,700	38
Average Age of Farmers	49.1	51.4	All Hay, Tons	15,000	3.5	53,000	36
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	21,082	64	Hogs and Pigs (December 1, 2004)			*	*
Livestock	24,008	52	Cattle (January 1, 2005)			21,000	44
Government Payments	4,683	63	Beef Cows (January 1, 2005)			1,600	69
Total	49,773	62	Milk Cows (January 1, 2005)			5,500	26

**SHERBURNE**2000 Population  
64,417

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	588	677	Corn, Bu.	27,300	141.0	3,849,300	56
Total Land in Farms, Acres	113,104	125,798	Soybeans, Bu.	18,400	32.0	588,800	63
Average Farm Size, Acres	192	186	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	81,407	97,461	Oats, Bu.	500	65.0	32,500	70
Average Age of Farmers	52.0	54.2	All Hay, Tons	8,800	2.6	22,500	71
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	27,852	56	Hogs and Pigs (December 1, 2004)			6,000	56
Livestock	15,141	60	Cattle (January 1, 2005)			10,000	68
Government Payments	1,944	72	Beef Cows (January 1, 2005)			1,400	72
Total	44,937	65	Milk Cows (January 1, 2005)			800	71

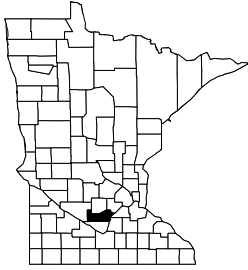
Population data is from the U.S. Census Bureau

\* County estimates not published

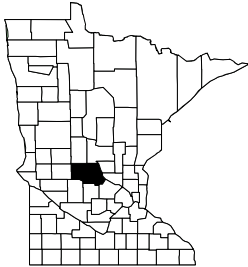
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

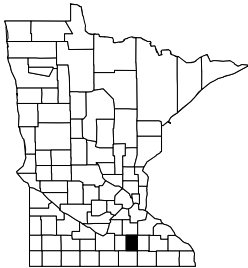
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**SIBLEY**2000 Population  
15,356

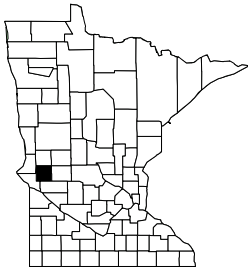
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	987	963	Corn, Bu.	137,200	170.0	23,324,000	21
Total Land in Farms, Acres	316,722	339,445	Soybeans, Bu.	116,700	38.0	4,434,600	18
Average Farm Size, Acres	321	352	All Wheat, Bu.	2,300	52.0	119,600	36
Total Cropland, Acres	287,986	310,278	Oats, Bu.	1,100	80.0	88,000	43
Average Age of Farmers	48.7	51.0	All Hay, Tons	11,000	4.3	47,400	43
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	66,627	26	Hogs and Pigs (December 1, 2004)		93,000		26
Livestock	70,483	24	Cattle (January 1, 2005)		30,500		25
Government Payments	11,090	29	Beef Cows (January 1, 2005)		2,000		62
Total	148,200	25	Milk Cows (January 1, 2005)		7,600		16

**STEARNS**2000 Population  
133,166

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	3,135	3,152	Corn, Bu.	180,500	144.0	25,992,000	15
Total Land in Farms, Acres	657,581	681,350	Soybeans, Bu.	97,400	35.0	3,409,000	36
Average Farm Size, Acres	210	216	All Wheat, Bu.	6,700	51.0	341,700	24
Total Cropland, Acres	496,489	530,583	Oats, Bu.	20,100	85.0	1,708,500	1
Average Age of Farmers	49.8	50.8	All Hay, Tons	103,300	3.9	399,600	1
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	50,361	41	Hogs and Pigs (December 1, 2004)		93,000		26
Livestock	259,706	1	Cattle (January 1, 2005)		190,000		1
Government Payments	30,112	3	Beef Cows (January 1, 2005)		10,100		7
Total	340,179	1	Milk Cows (January 1, 2005)		62,500		1

**STEELE**2000 Population  
33,680

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	803	899	Corn, Bu.	105,100	169.0	17,761,900	29
Total Land in Farms, Acres	235,872	281,847	Soybeans, Bu.	86,000	38.0	3,268,000	38
Average Farm Size, Acres	294	314	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	218,399	257,583	Oats, Bu.	1,300	64.0	83,200	48
Average Age of Farmers	49.7	52.5	All Hay, Tons	8,800	4.3	37,500	58
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	52,024	38	Hogs and Pigs (December 1, 2004)		95,000		25
Livestock	43,757	42	Cattle (January 1, 2005)		19,000		48
Government Payments	8,780	46	Beef Cows (January 1, 2005)		1,300		74
Total	104,561	45	Milk Cows (January 1, 2005)		4,600		29

**STEVENS**2000 Population  
10,053

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	524	556	Corn, Bu.	143,600	148.0	21,252,800	24
Total Land in Farms, Acres	315,360	313,292	Soybeans, Bu.	131,300	33.0	4,332,900	20
Average Farm Size, Acres	602	563	All Wheat, Bu.	18,700	57.0	1,065,900	16
Total Cropland, Acres	298,659	291,178	Oats, Bu.	*	*	*	*
Average Age of Farmers	50.6	51.9	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock		Number		Rank
Crops	68,237	25	Hogs and Pigs (December 1, 2004)		146,000		18
Livestock	65,046	28	Cattle (January 1, 2005)		25,000		38
Government Payments	10,618	33	Beef Cows (January 1, 2005)		2,200		57
Total	143,901	26	Milk Cows (January 1, 2005)		7,500		18

Population data is from the U.S. Census Bureau

\* County estimates not published

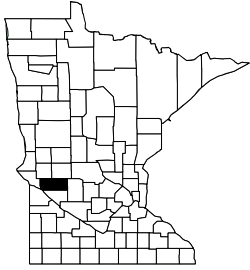
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**SWIFT**

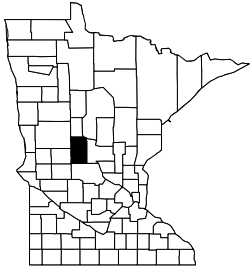
2000 Population  
11,956



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	774	807	Corn, Bu.	167,400	142.0	23,770,800	18
Total Land in Farms, Acres	409,202	415,844	Soybeans, Bu.	144,700	30.0	4,341,000	19
Average Farm Size, Acres	529	515	All Wheat, Bu.	10,500	65.0	682,500	20
Total Cropland, Acres	371,138	377,307	Oats, Bu.	1,300	85.0	110,500	33
Average Age of Farmers	50.5	53.7	All Hay, Tons	10,400	3.4	35,400	61
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	77,964	18	Hogs and Pigs (December 1, 2004)			21,000	41
Livestock	44,831	41	Cattle (January 1, 2005)			19,500	47
Government Payments	12,565	24	Beef Cows (January 1, 2005)			2,500	53
Total	135,360	32	Milk Cows (January 1, 2005)			4,100	34

**TODD**

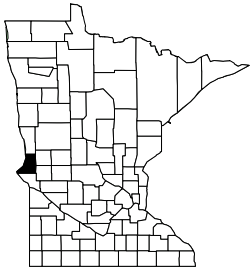
2000 Population  
24,426



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,901	1,825	Corn, Bu.	61,200	104.0	6,364,800	52
Total Land in Farms, Acres	406,162	370,272	Soybeans, Bu.	40,600	27.0	1,096,200	55
Average Farm Size, Acres	214	203	All Wheat, Bu.	4,200	54.0	226,800	28
Total Cropland, Acres	255,883	232,930	Oats, Bu.	10,200	73.0	744,600	3
Average Age of Farmers	51.0	52.1	All Hay, Tons	63,200	3.0	188,300	6
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	22,262	61	Hogs and Pigs (December 1, 2004)			12,000	51
Livestock	87,344	17	Cattle (January 1, 2005)			65,000	7
Government Payments	9,039	40	Beef Cows (January 1, 2005)			13,300	4
Total	118,645	38	Milk Cows (January 1, 2005)			17,400	7

**TRAVERSE**

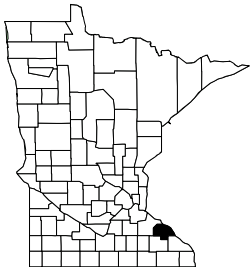
2000 Population  
4,134



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	410	452	Corn, Bu.	109,100	149.0	16,255,900	33
Total Land in Farms, Acres	344,484	343,999	Soybeans, Bu.	129,800	33.0	4,283,400	21
Average Farm Size, Acres	840	761	All Wheat, Bu.	37,200	62.0	2,306,400	12
Total Cropland, Acres	328,851	324,648	Oats, Bu.	*	*	*	*
Average Age of Farmers	49.6	53.2	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	57,846	34	Hogs and Pigs (December 1, 2004)			10,000	52
Livestock	6,524	77	Cattle (January 1, 2005)			6,500	79
Government Payments	8,398	50	Beef Cows (January 1, 2005)			1,200	78
Total	72,768	55	Milk Cows (January 1, 2005)			*	*

**WABASHA**

2000 Population  
21,610



Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,003	999	Corn, Bu.	78,800	176.0	13,868,800	38
Total Land in Farms, Acres	256,970	267,058	Soybeans, Bu.	36,600	44.0	1,610,400	50
Average Farm Size, Acres	256	267	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	184,027	193,204	Oats, Bu.	5,900	79.0	466,100	5
Average Age of Farmers	50.0	52.0	All Hay, Tons	36,200	4.1	149,900	8
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	34,442	54	Hogs and Pigs (December 1, 2004)			22,000	40
Livestock	63,759	30	Cattle (January 1, 2005)			64,000	8
Government Payments	9,829	35	Beef Cows (January 1, 2005)			8,100	14
Total	108,030	43	Milk Cows (January 1, 2005)			17,600	6

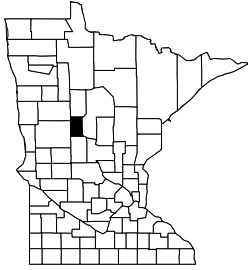
Population data is from the U.S. Census Bureau

\* County estimates not published

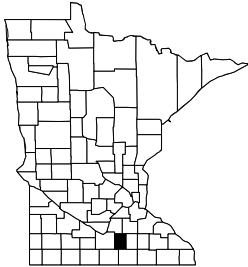
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

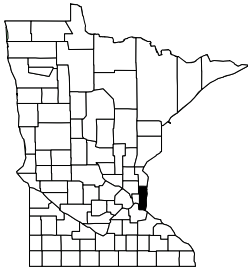
Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

**WADENA**2000 Population  
13,713

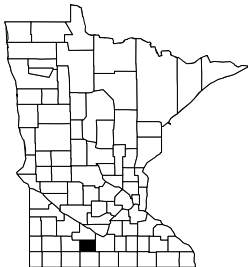
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	694	734	Corn, Bu.	16,800	93.0	1,562,400	64
Total Land in Farms, Acres	188,331	165,519	Soybeans, Bu.	7,100	27.0	191,700	71
Average Farm Size, Acres	271	226	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	105,566	96,303	Oats, Bu.	4,600	65.0	299,000	12
Average Age of Farmers	52.6	52.7	All Hay, Tons	29,900	2.2	64,600	31
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	11,367	71	Hogs and Pigs (December 1, 2004)			*	*
Livestock	40,025	45	Cattle (January 1, 2005)			21,000	44
Government Payments	1,955	71	Beef Cows (January 1, 2005)			5,200	28
Total	53,347	61	Milk Cows (January 1, 2005)			4,300	32

**WASECA**2000 Population  
19,526

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	735	759	Corn, Bu.	115,200	180.0	20,736,000	25
Total Land in Farms, Acres	243,634	231,328	Soybeans, Bu.	97,200	42.0	4,082,400	24
Average Farm Size, Acres	331	305	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	219,006	210,884	Oats, Bu.	*	*	*	*
Average Age of Farmers	49.3	50.2	All Hay, Tons	5,900	3.8	22,400	72
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	59,134	32	Hogs and Pigs (December 1, 2004)			177,000	16
Livestock	59,814	32	Cattle (January 1, 2005)			13,500	59
Government Payments	9,199	39	Beef Cows (January 1, 2005)			1,400	72
Total	128,147	34	Milk Cows (January 1, 2005)			2,400	42

**WASHINGTON**2000 Population  
201,130

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	739	810	Corn, Bu.	20,900	140.0	2,926,000	58
Total Land in Farms, Acres	92,683	96,089	Soybeans, Bu.	13,700	29.0	397,300	67
Average Farm Size, Acres	125	119	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	69,058	71,990	Oats, Bu.	900	55.0	49,500	63
Average Age of Farmers	54.3	55.0	All Hay, Tons	15,200	2.9	44,000	49
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	54,865	36	Hogs and Pigs (December 1, 2004)			*	*
Livestock	8,531	70	Cattle (January 1, 2005)			7,500	77
Government Payments	1,848	74	Beef Cows (January 1, 2005)			2,000	62
Total	65,244	59	Milk Cows (January 1, 2005)			1,100	63

**WATONWAN**2000 Population  
11,876

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	590	601	Corn, Bu.	127,500	190.0	24,225,000	17
Total Land in Farms, Acres	260,057	271,521	Soybeans, Bu.	110,500	44.0	4,862,000	17
Average Farm Size, Acres	441	452	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	239,733	253,863	Oats, Bu.	*	*	*	*
Average Age of Farmers	50.1	53.6	All Hay, Tons	*	*	*	*
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	60,227	30	Hogs and Pigs (December 1, 2004)			216,000	10
Livestock	72,050	22	Cattle (January 1, 2005)			13,000	61
Government Payments	8,491	49	Beef Cows (January 1, 2005)			500	84
Total	140,768	28	Milk Cows (January 1, 2005)			800	71

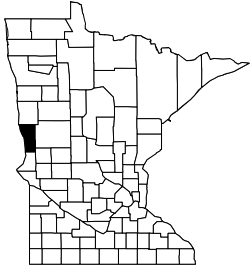
Population data is from the U.S. Census Bureau

\* County estimates not published

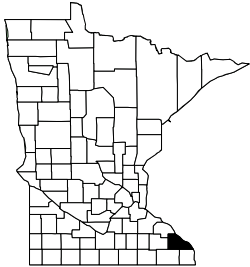
1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

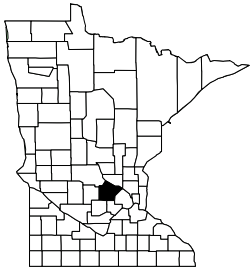
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**WILKIN**2000 Population  
7,138

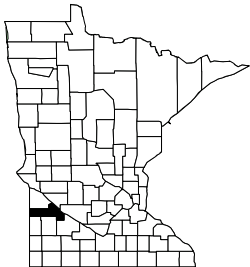
Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	466	414	Corn, Bu.	60,700	127.0	7,708,900	48
Total Land in Farms, Acres	483,592	424,508	Soybeans, Bu.	140,900	28.0	3,945,200	26
Average Farm Size, Acres	1,038	1,025	All Wheat, Bu.	128,800	57.0	7,341,600	6
Total Cropland, Acres	458,450	404,180	Oats, Bu.	*	*	*	-
Average Age of Farmers	50.4	51.2	All Hay, Tons	6,500	2.3	15,100	77
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	96,322	8	Hogs and Pigs (December 1, 2004)			20,000	43
Livestock	7,949	72	Cattle (January 1, 2005)			4,500	83
Government Payments	9,736	36	Beef Cows (January 1, 2005)			1,300	74
Total	114,007	40	Milk Cows (January 1, 2005)			*	*

**WINONA**2000 Population  
49,985

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,103	1,125	Corn, Bu.	66,400	173.0	11,487,200	44
Total Land in Farms, Acres	299,386	310,976	Soybeans, Bu.	30,300	45.0	1,363,500	51
Average Farm Size, Acres	271	276	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	192,848	210,323	Oats, Bu.	5,100	70.0	357,000	8
Average Age of Farmers	51.3	53.2	All Hay, Tons	47,100	4.7	222,500	3
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	25,828	57	Hogs and Pigs (December 1, 2004)			39,000	35
Livestock	99,741	13	Cattle (January 1, 2005)			84,000	4
Government Payments	11,015	30	Beef Cows (January 1, 2005)			7,800	15
Total	136,584	31	Milk Cows (January 1, 2005)			25,300	3

**WRIGHT**2000 Population  
89,986

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	1,541	1,646	Corn, Bu.	71,300	147.0	10,481,100	45
Total Land in Farms, Acres	258,783	265,605	Soybeans, Bu.	74,000	36.0	2,664,000	44
Average Farm Size, Acres	168	161	All Wheat, Bu.	4,300	51.0	219,300	29
Total Cropland, Acres	205,044	213,776	Oats, Bu.	2,800	79.0	221,200	15
Average Age of Farmers	51.3	53.2	All Hay, Tons	27,600	4.0	109,200	13
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	37,764	49	Hogs and Pigs (December 1, 2004)			15,500	47
Livestock	49,523	38	Cattle (January 1, 2005)			41,500	14
Government Payments	8,804	45	Beef Cows (January 1, 2005)			4,000	38
Total	96,091	48	Milk Cows (January 1, 2005)			10,900	11

**YELLOW MEDICINE**2000 Population  
11,080

Census of Agriculture 1/	1997	2002	Crops – 2004	Acres Harvested	Yield	Production	Rank
Number of Farms	904	989	Corn, Bu.	180,500	158.0	28,519,000	11
Total Land in Farms, Acres	420,068	447,696	Soybeans, Bu.	172,500	35.0	6,037,500	13
Average Farm Size, Acres	465	453	All Wheat, Bu.	13,200	60.0	792,000	19
Total Cropland, Acres	382,042	407,520	Oats, Bu.	700	69.0	48,300	65
Average Age of Farmers	49.3	51.8	All Hay, Tons	12,200	3.2	39,600	56
Cash Receipts – 2003 2/	1,000 Dollars	Rank	Livestock			Number	Rank
Crops	82,319	15	Hogs and Pigs (December 1, 2004)			132,000	19
Livestock	47,889	40	Cattle (January 1, 2005)			27,000	31
Government Payments	13,267	20	Beef Cows (January 1, 2005)			4,100	35
Total	143,475	27	Milk Cows (January 1, 2005)			3,000	38

Population data is from the U.S. Census Bureau

\* County estimates not published

1/ 2002 Census of Agriculture

2/ Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site ([www.ers.usda.gov/data/](http://www.ers.usda.gov/data/))

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