

COMMUNITY FACTS BATTLE CREEK, NEBRASKA

www.battlecreekne.com

APRIL 2005

POPULATION (Official U.S. Census)

	<u>2000</u>	<u>2003 Est.</u>
Battle Creek	1,158	1,168
Madison County	35,226	35,777
Labor Market	104,762	103,877

Economic Development Department
Nebraska Public Power District
Columbus, Nebraska 68601
www.nppd.com
sites.nppd.com

© Nebraska Public Power District, 2005

INTRODUCTION

The following pages contain basic information about Battle Creek, Nebraska. This material was compiled by the Battle Creek Betterment Club, Elkhorn Rural Public Power District, and Nebraska Public Power District in order to promote community development.

Additional and more detailed information about Battle Creek may be obtained by contacting any of the following:

Dianne Werner, City Clerk
City of Battle Creek
Battle Creek, Nebraska 68715
Business Phone: (402) 675-2165
Fax: (402) 675-4004
Email: bccity@cablone.net

R. J. Baker, CEcD
Executive Director
Elkhorn Valley Economic Development Council
Norfolk, NE 68702-0386
(402) 371-8142
Fax: (402) 371-0182
Home Phone: (402) 379-4901
Email: rj@evedc.org

Robert D. Buckendahl, Mayor
City of Battle Creek
Battle Creek, Nebraska 68715-0280
Business Phone: (402) 675-2165
Fax: (402) 675-4004
Home Phone: (402) 675-3985
Email: bccity@cablone.net

Rick Hemphill
Economic Development Coordinator
Elkhorn Rural Public Power District
Battle Creek, NE 68715
Business Phone: (402) 675-2185
Toll Free: (800) 675-2185
Fax: (402) 675-6275
Email: rickh@erppd.com

Dennis G. Hall, CEcD
Economic Development Manager
Nebraska Public Power District
Columbus, Nebraska 68601
Business Phone: (402) 563-5534
Toll Free: (800) 282-6773
Fax: (402) 563-5090
Home Phone: (402) 564-3772
Email: dghall@nppd.com

Section headings are hot linked within this Facts Book. Click on the blue text links to jump to a new section. Clicking on the blue section headings will return you to the Table of Contents.

TABLE OF CONTENTS

GENERAL INFORMATION

LOCATION	1
POPULATION	1
LOCAL ECONOMY	2
ELEVATION	2
TOPOGRAPHY	2
HISTORY	2

ECONOMIC DEVELOPMENT

MANUFACTURERS	3
MAJOR NONMANUFACTURING EMPLOYERS	3
OTHER MAJOR AREA EMPLOYERS	4
ECONOMIC DEVELOPMENT ORGANIZATIONS	5

LABOR

LABOR SUPPLY	7
UNIONIZATION	9
WAGES	9
FRINGE BENEFITS	10

TRANSPORTATION

RAILROADS	11
MOTOR	11
AIR	12
WATER	12
PIPELINE	12

UTILITIES

ELECTRICITY	13
NATURAL GAS	14
OTHER FUELS	14
WATER	14
WASTEWATER SYSTEM	15
SOLID WASTE DISPOSAL	15
RECYCLING	15

COMMUNICATIONS

TELECOMMUNICATIONS	17
INTERNET	17
POST OFFICE	17
PACKAGE DELIVERY SERVICES	17
NEWSPAPER	17
RADIO	17
TELEVISION	18

TAX STRUCTURE

VALUES FOR TAX LEVY PURPOSES – CITY OF BATTLE CREEK	19
TAX RATE	19
LOCAL BONDED INDEBTEDNESS	19
CITY BOND ISSUES	19
SCHOOL BOND ISSUES	20

LOCAL GOVERNMENT

COUNTY GOVERNMENT	21
MUNICIPAL GOVERNMENT	21
FIRE PROTECTION	21
LAW ENFORCEMENT	21
STREETS	22
BUILDING AND ZONING REGULATIONS	22
PLANNING	22

COMMUNITY FACILITIES

SCHOOLS AND COLLEGES	23
CHURCHES	28
HEALTH CARE	29
NURSING HOMES	30
LIBRARY	30
RECREATION AND PARKS	30
HOUSING	31
FINANCIAL	31

COMMUNITY SERVICES

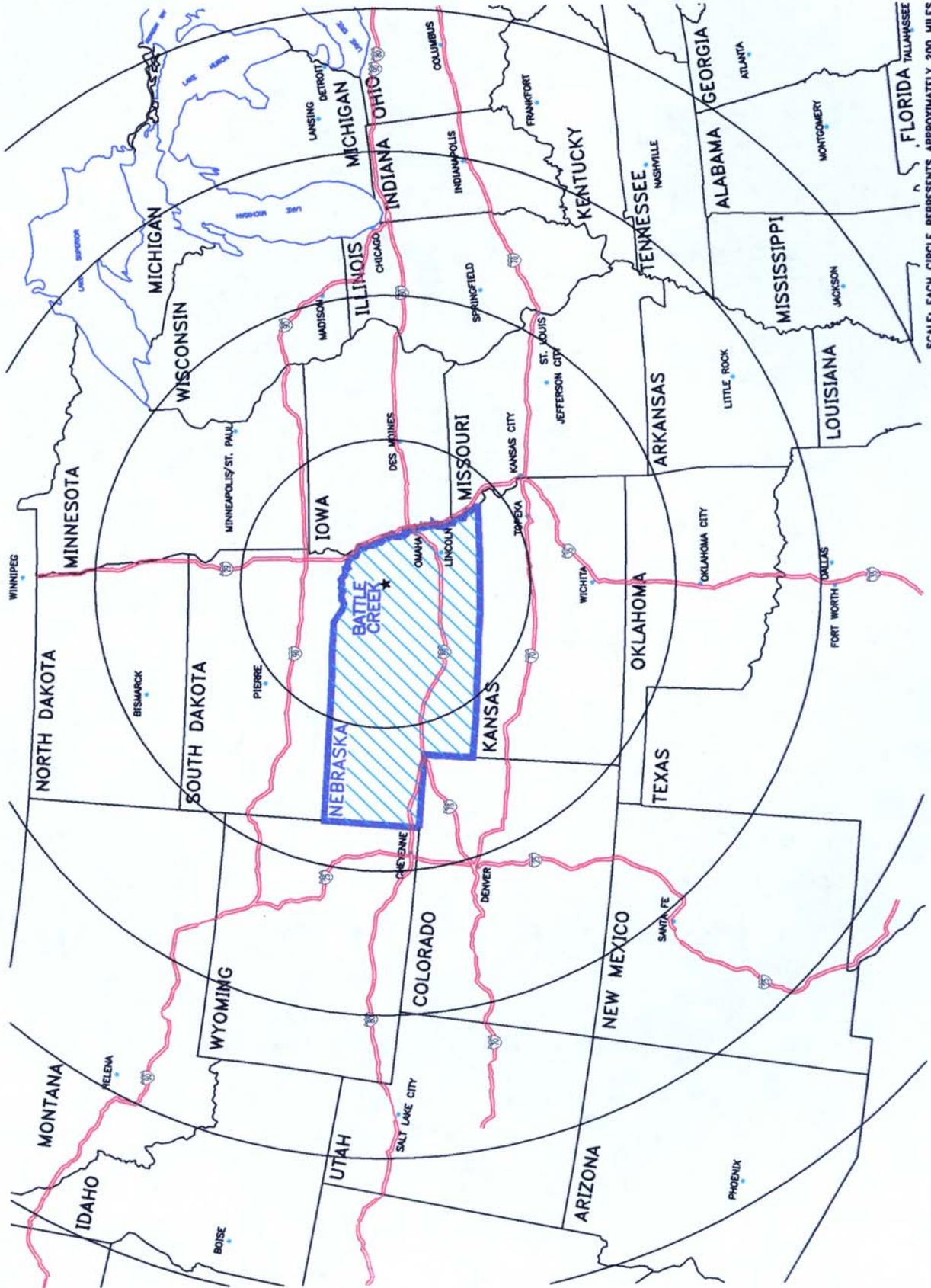
PROFESSIONAL	33
BUSINESS AND COMMERCIAL	33

AGRICULTURE & RAW MATERIALS

AGRICULTURE	35
RAW MATERIALS	35

CLIMATE

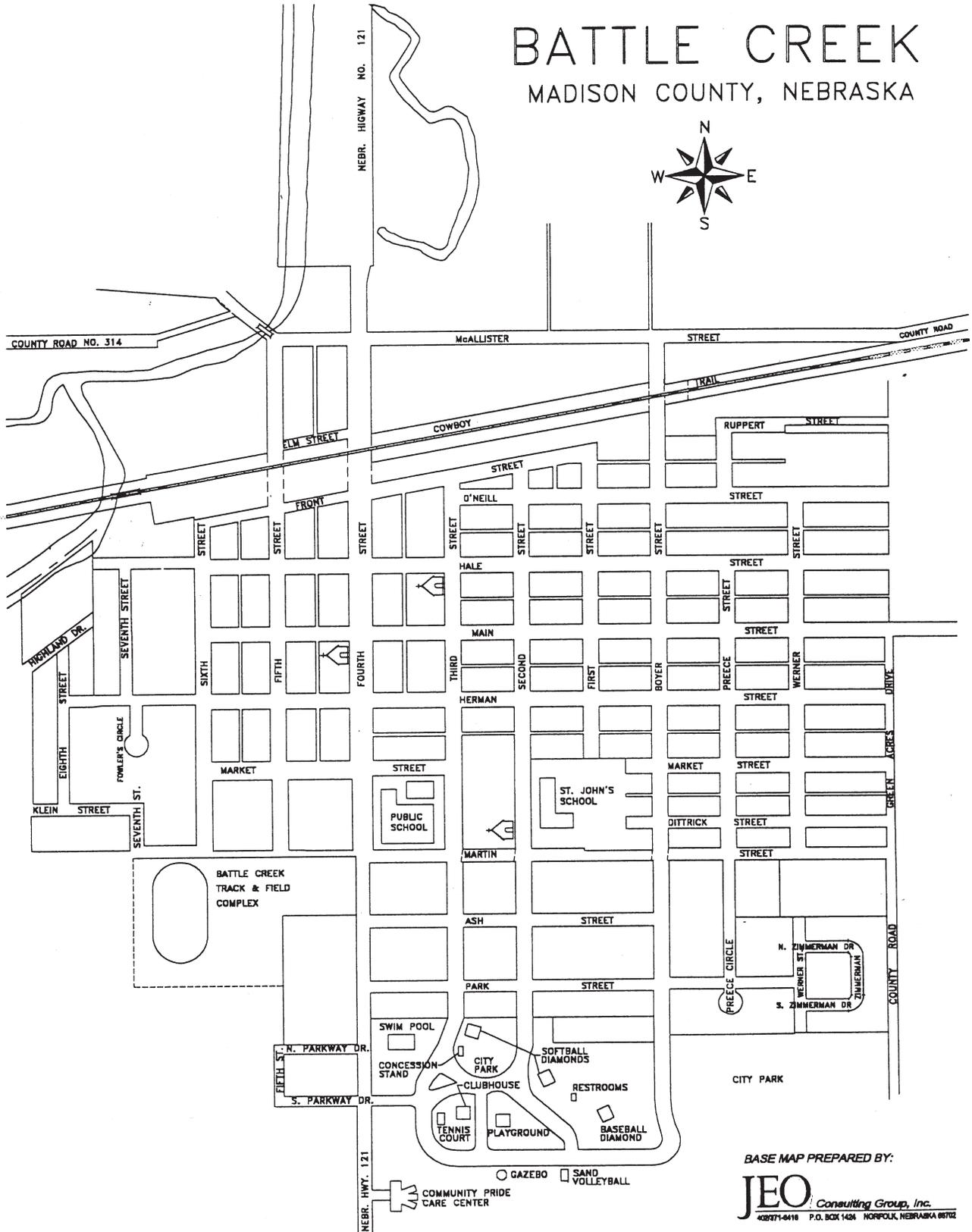
TEMPERATURE, PRECIPITATION, AND HUMIDITY	36
FROST DATA	36



SCALE: EACH CIRCLE REPRESENTS APPROXIMATELY 200 MILES

BATTLE CREEK

MADISON COUNTY, NEBRASKA



BASE MAP PREPARED BY:

JEO Consulting Group, Inc.
 40871-0418 P.O. BOX 1424 NORFOLK, NEBRASKA 68702

GENERAL INFORMATION

LOCATION

Battle Creek is located in the Elkhorn River Valley in Madison County in northeast Nebraska. Served by Nebraska Highway 121 and U.S. Highway 275, the community is located 12 miles west of Norfolk, Nebraska; 94 miles southwest of Sioux City, Iowa; 130 miles northwest of Omaha, Nebraska; and 137 miles northwest of Lincoln, Nebraska. Four-lane U.S. Highway 81 is located 12 miles east of Battle Creek.

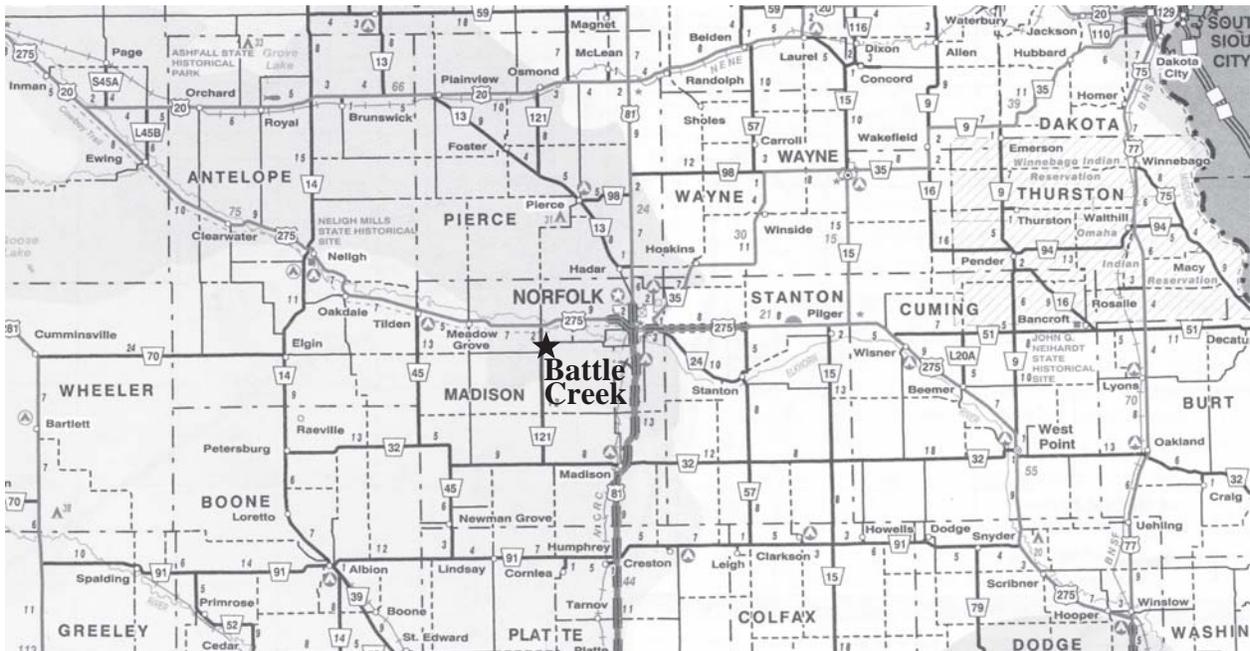
POPULATION (U.S. Census)

Year	Battle Creek	Madison County
1970	768	27,402
1980	948	31,382
1990	997	32,655
2000	1,158	35,226
2003 (Est.)	1,168	35,777

County Population by Race and Hispanic Origin, 2000 U. S. Census	
One race	34,864
White	32,179
Black or African American	330
American Indian and Alaska Native	419
Asian	142
Native Hawaiian and Other Pacific Islander	11
Some other race	1,783
Two or more races	362
Hispanic or Latino (of any race)	3,042

The 2003 U.S. Census estimates 103,877 people live within Madison County and the contiguous counties of Antelope, Boone, Pierce, Platte, Stanton, and Wayne.

One person in Battle Creek is fluent in Spanish and one person is fluent in German.



LOCAL ECONOMY

Basic activities of Battle Creek include farming (some dairy), seed corn production, and small manufacturing. The economy was enhanced with a new high school, and the Lutheran school is planning an expansion; however, the loss of a grocery store had an effect on the economy.

Firms in the community with retail sales tax permits reported net taxable retail sales of \$9,386,138 in 2003 while Madison County reported retail sales of \$439,654,872. There are two wholesale firms in the community distributing farm supplies.

ELEVATION

Battle Creek is 1,590 feet above sea level.

TOPOGRAPHY

The terrain in the area is flat. Gibbon and Mair silty clay loam make up most of the soil type in the area with up to a 1 percent slope.

HISTORY

In the summer of 1859, a large band of Pawnee Indians was raiding homesteads along the Platte

Valley and Elkhorn River. After a number of incidents, the American troops were called in. Lieutenant Robertson of the Dragoons and 200 men with a cannon found a Pawnee tribe camping along the banks of a small stream during their usual summer hunt. Lieutenant Robertson was about to charge when Chief Peta-le-sharu, wrapped in a United States flag, halted the troops. An agreement was made and the site was later named Battle Creek to commemorate the battle that might have been.

The first settlement in Battle Creek was made by George St. Claire in 1867. Most settlers in the area were of German, Czech, or Irish descent.

Rose O'Neill, a world famous author and creator of the Kewpie doll, lived in Battle Creek as a small child.

In 1963 Battle Creek competed against 79 other communities in Nebraska's first annual Community Betterment Contest. Battle Creek won grand champion as well as taking first place in the division of towns under 1,000 population.

Battle Creek was a host town for the 2002 Bicycle Run Across Nebraska ride, with 600 riders and 200 supporting staff. Lodging, meals, and entertainment were provided by the community.



ECONOMIC DEVELOPMENT

MANUFACTURERS

<u>Company/ Year Established</u>	<u>Product</u>	<u>Market</u>	<u>Employees</u>		<u>Union</u>
			<u>Male</u>	<u>Female</u>	
Northeast Machine, LLC 2000	Precision machining, custom fabrication	Regional	6	1	None
Pafco Inc. 1987	Metal fabrication	Regional	7	0	None

MAJOR NONMANUFACTURING EMPLOYERS (employing 5 or more)

<u>Employer</u>	<u>Type of Activity</u>	<u>Employees</u>		<u>Union</u>
		<u>Male</u>	<u>Female</u>	
Agriliance 1983	Agronomy inputs	5 7*	1	None
Battle Creek Mutual Zimmermans 1892	Insurance services	11	17	None
Battle Creek Public Schools 1870	Education	14	44	NSEA
Battle Creek State Bank 1943	Financial services	3	4	None
City of Battle Creek 1873	Government	4 10*	6	None
Community Pride 1989	Nursing/assisted living	5	70	None
Elkhorn Rural Public Power District 1938	Electric utility	35	5	None
Farm Service Agency (USDA) 1940	Government farm programs	1 3*	5	None
Farmers Pride Cooperative 1934	Farm supplies	13 5*	7	None
Henn House Dairy 1991	Dairy farming	18	1	None
Producers Hybrids 1987	Seeds for crops	58 450*	10	None

*Part-time and/or seasonal

<u>Employer</u>	<u>Type of Activity</u>	<u>Employees</u>		<u>Union</u>
		<u>Male</u>	<u>Female</u>	
Red Bud True Value 1964	Retail sales & repairs	3 1*	7	None

OTHER MAJOR AREA EMPLOYERS (within 40 miles employing 100 or more)

<u>Employer</u>	<u>Type of Activity</u>	<u>Employees</u>		<u>Union</u>
		<u>Male</u>	<u>Female</u>	
Norfolk, 12 miles				
Affiliated Foods Cooperative, Inc.	Food distribution	421 55*	109 16*	Teamsters
City of Norfolk	Government	136 1*	55 9*	Firefighters
Faith Regional Health Services	Medical	95 30*	542 239*	None
Goodyear Tire & Rubber	High pressure & hydraulic hose	284 25*	72 26*	None
Kendall/Tyco Health Care	Disposable syringes, blood tubes & thermometer probe covers	178	260	None
Nebraska Public Power District	Electrical utility	66 2*	47 1*	None
Norfolk Iron & Metal Co.	Steel products, distribution & steel service center	163	23	None
Norfolk Public Schools	Education	178	582	NSEA/ NCEA
Norfolk Regional Center	State psychiatric hospital	50	250	NAPE/ AFSCME
Norfolk Veteran's Home	Medical	30 19*	171	AFSCME
Northeast Community College	Education	101 Varies*	118	NSEDA
Nucor Steel Division of Nucor Corp.	Steel angles, rounds, flats & channels	409	21	None

*Part-time and/or seasonal

<u>Employer</u>	<u>Type of Activity</u>	Employees		<u>Union</u>
		<u>Male</u>	<u>Female</u>	
St. Joseph Rehabilitation & Care Center	Medical	4 1*	63 48*	None
State of Nebraska	Government	88 8*	109 6*	None
Tyson Fresh Meats	Boxed beef	1,012 18*	410 4*	UFCW
Vulcraft Division of Nucor Corp.	Steel joists, metal deck & cold drawn bar	363 3*	46 1*	None
Wal-Mart	Retail	104 36*	215 61*	None
Wis-Pak of Norfolk	Soft drinks	84 11*	18 1*	None
Madison, 20 miles				
Countryside Homes	Nursing home	5	93	None
Madison County	Government	84	81	None
Tyson Fresh Meats	Hog slaughter	700	500	None

*Part-time and/or seasonal

ECONOMIC DEVELOPMENT ORGANIZATIONS

The city of Battle Creek works with the Elkhorn Valley Economic Development Council for economic development in the community.

The Elkhorn Valley Economic Development Council (www.elkhornedc.com), with a full-time director and administrative assistant, was formed

in 2001 as a nonprofit corporation. The council, serving Antelope, Madison, Pierce, and Stanton counties, is governed by a 21-member Board of Directors. Funding is derived from cities and counties and a capital campaign at five-year intervals, the most recent of which raised \$1,200,000.

Approximately two acres of land in and adjacent to Battle Creek are zoned for industry.



Battle Creek Mutual Insurance Company



Farmers Pride Cooperative (formerly Battle Creek Farmers Co-Op)



Producers Hybrids

LABOR

LABOR SUPPLY

- A. Employment in the Battle Creek labor market which is defined as the whole of Madison County and the total labor market consisting of Madison County and the contiguous counties of Antelope, Boone, Pierce, Platte, Stanton, and Wayne (annual average, 2004):

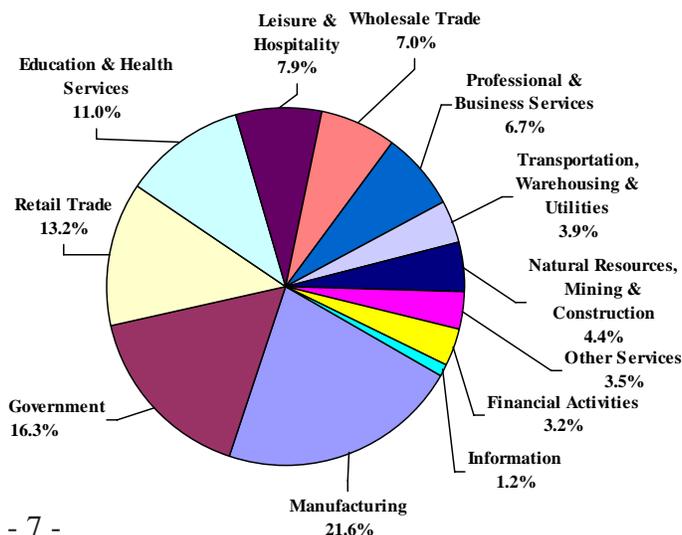
<u>Nonfarm Employment (wage and salary workers)</u>	<u>Madison County</u>	<u>Total</u>
Good Producing	6,253	14,642
Manufacturing	5,190	(D)
Natural Resources, Mining & Construction	1,063	(D)
Utilities, Transportation & Communications	942	2,003
Trade, Retail	3,176	6,352
Trade, Wholesale	1,674	3,197
Information	287	(D)
Financial Activities	774	1,996
Professional & Business Services	1,604	(D)
Education & Health Services	2,649	(D)
Leisure & Hospitality	1,896	4,263
Other Services	830	1,900
Total Government	3,910	9,879
TOTAL NONFARM WAGE AND SALARY WORKERS	23,994	53,370
Farm Employment*	916	6,356
TOTAL EMPLOYMENT	22,109	59,774
B. Commuting Out of County	2,010	N/A
C. Unemployment	795	2,176
TOTAL LABOR FORCE	22,904	61,951
D. Estimated number of homemakers, seasonal and part-time workers, and workers who would shift from low-paying jobs who could be expected to work for industry	5,670	
E. Estimated number of county high school graduates annually	600	
TOTAL POTENTIAL LABOR SUPPLY (B, C, D & E)	9,075	

(D) Data not available because of disclosure suppression

*Source: U.S. Department of Commerce, Bureau of Economic Analysis (BEA), data for 2002

An area labor study was completed in 2005; results are available at www.elkhornedc.com.

**NONFARM WAGE & SALARY EMPLOYMENT
MADISON COUNTY
ANNUAL AVERAGE, 2004**

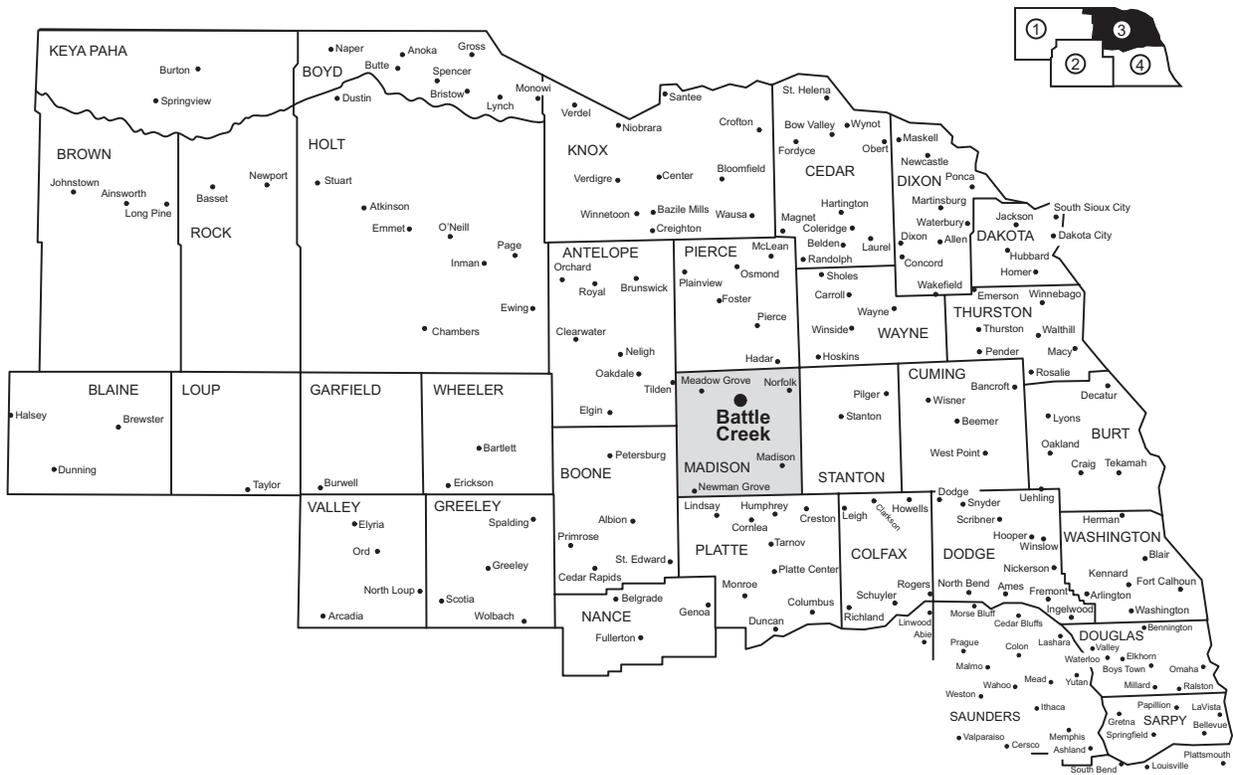


2000 POPULATION DATA						Median Household Effective Buying Income (2003)
Location	Density/ Sq. Mile	% 65 Yrs & Over	Median Age	% High School Graduate or Higher	% Bachelor's Degree or Higher	
Madison Co.	61.5	14.4	35.0	82.6	17.0	\$32,423
Nebraska	22.3	13.6	35.3	86.6	23.7	\$35,948
U.S.	79.6	12.4	35.9	84.0	26.0	\$38,201

Madison County had 22,246 eligible voters in 2004; 64.2 percent voted in the national election compared to 68.3 percent in Nebraska.

SOURCE: U.S. Bureau of the Census, www.census.gov
 Sales and Marketing Management, 2004
 Statewide General Election 2004 Results, www.sos.state.ne.us/elec/canvass/general2004.htm

LABOR POTENTIAL IN THE BATTLE CREEK AREA



POPULATION DATA — U.S. Census Estimates

2003 Estimate	
City of Battle Creek —	1,168
Madison County —	35,777
30-Mile Radius —	68,782

Madison County Population by Age/Gender, 2003		
Ages	Male	Female
18–24	2,365	2,108
25–44	4,691	4,445
45–64	3,925	4,006

UNIONIZATION

Nebraska has a right-to-work provision in its constitution. In 2000, 13.1 percent of Nebraska's manufacturing workers were members of labor unions compared to a national figure of 14.8 percent. Union membership in Nebraska is concentrated in the railroad and packinghouse industries.

Labor organizations operating in Battle Creek:

Company	Union
Battle Creek Public Schools (teachers only)	Nebraska State Educational Association

It is estimated that 2 percent of the nonagriculture labor force in Battle Creek is unionized. There have been no known strikes in the community.

WAGES

Occupation Title	Hourly Wage (\$)/Percentile		
	10th	50th	90th
Professional			
Accountants & Auditors	15.83	21.79	33.17
Engineers			
Civil Engineers	17.61	27.10	35.51
Electrical Engineers	23.94	30.58	37.34
Industrial Engineers	19.34	25.84	35.85
Mechanical Engineers	17.91	24.46	34.45
Computer Programmers	15.00	22.35	34.11
Computer Systems Analysts	19.04	33.70	54.39
Registered Nurses	15.22	20.83	27.26
Retail			
Hotel, Motel & Resort Desk Clerks	7.42	8.32	9.71
Retail Salespersons	5.95	7.89	14.83
Truck Drivers-Light or Delivery Services	6.56	10.76	14.40
Driver/Sales Workers	6.76	11.50	22.63
Stock Clerks & Order Fillers	6.37	9.70	15.19
Shipping, Receiving & Traffic Clerks	6.71	11.00	17.80
Clerical			
Bookkeeping, Accounting & Auditing Clerks	7.76	10.60	15.38
Customer Service Representatives	6.46	10.28	17.86
Data Entry Keyers	7.65	10.82	14.31
Secretaries, excl. Legal, Medical & Executive	6.67	9.56	13.36
Office Clerks, General	6.50	9.35	13.04
Receptionists & Information Clerks	6.89	8.89	11.72
Telemarketers*	6.02	8.05	10.77

* Wage information taken from Balance of the State (nonmetropolitan areas)

Occupation Title	Hourly Wage (\$)/Percentile		
	10th	50th	90th
Unskilled			
Laborers & Freight, Stock & Material Movers, Hand	7.08	9.52	13.27
Packers & Packagers, Hand	6.10	8.37	12.00
Assemblers & Fabricators, All Others	7.87	10.94	13.50
Nursing Aides, Orderlies & Attendants	7.46	9.35	11.62
Semi-Skilled			
Industrial Truck & Tractor Operators	9.24	11.64	16.37
Truck Drivers, Heavy or Tractor-Trailer	9.38	13.65	21.14
Maintenance Workers, Machinery	11.69	14.81	21.45
Machine Operators			
Lathe & Turning Machine Tool Setters/Oper.	10.18	12.82	17.17
Drilling & Boring Machine Tool Setters/Oper.*	9.77	13.86	17.81
Milling & Planing Machine Setters/Oper.*	10.53	12.71	16.08
Grinding, Lapping, Polishing & Buffing Mach. Oper.	9.74	12.30	14.60
Cutting & Slicing Machine Setters/Oper.	7.67	9.06	13.80
Cutting, Punching & Press Machine Setters/Oper.	8.84	12.33	16.40
Multiple Machine Tool Setters/Oper.	9.76	14.48	16.93
Skilled			
Automotive Service Technicians & Mechanics	6.65	12.75	21.97
Electricians	10.58	17.25	22.99
Industrial Machinery Mechanics	12.25	16.01	21.12
Machinists	9.30	12.89	17.30
Tool & Die Makers	13.89	18.61	24.21
Welders, Cutters, Solderers & Brazers	9.27	12.61	17.09
Welding, Soldering & Brazing Machine Setters	9.74	12.12	14.22
Technical			
Electrical & Electronic Engineering Technicians	10.45	20.09	29.24
Medical & Clinical Laboratory Technologists	13.37	19.52	26.50
Computer Operators	9.42	12.28	20.10

Source: Nebraska Workforce Development, Occupational Employment Statistics Program, Fourth Quarter 2004 wage estimates, All Industries, Northeast Region, www.dol.state.ne.us/lmiwages/toc000.htm

Production workers are paid mostly on a straight-time basis rather than an incentive basis.

FRINGE BENEFITS

Fringe benefits range up to 40 percent of wages.

TRANSPORTATION

RAILROADS

The Nebraska Central, a short-line railroad, serves Norfolk, 12 miles east of Battle Creek, with two freight trains daily. The nearest class 1 connection is the Union Pacific Railroad, 48 miles south of Norfolk.

MOTOR

Highways

North-south Nebraska Highway 121 serves Battle Creek along with east-west U.S. Highway 275, two miles north. There are no local load restrictions. U.S. Highway 81, designated as a four-lane expressway, is 10 miles east of Battle Creek. Interstate 29 is 90 miles east, Interstate 80 is 99 miles south, and Interstate 90 is 117 miles north of Battle Creek.

Highway mileage to major cities:

Destination	Mileage
Lincoln	137
Omaha	130
Chicago	570
Dallas	699
Denver	524
Detroit	838
Kansas City	310
Los Angeles	1,538
Minneapolis	421
New York	1,345
St. Louis	563
San Francisco	1,654
Sioux City	94

The Nebraska Department of Roads plans to widen U.S. Highway 275 to four lanes from west of Norfolk to the Nebraska Highway 121 intersection. Construction is scheduled to begin in fall 2005 or spring 2006. Fifty percent of U.S. Highway 275 from Norfolk to Omaha has been four-laned. U.S. Highway 81, 12 miles east of Battle Creek, has been four-laned from Norfolk south to Columbus and from York to the Kansas border. Completion of this expressway system is scheduled by 2010.

Trucklines

Intra/interstate trucklines located in Norfolk:

Nearest Terminal/ Company	Average Trucks Daily
Abler Transfer*	1-9
Affiliated Carriers	50
Andrews Van Lines, Inc.**	20
Central Transport Co.	40
SAIA	30
Deitloff Transfer	16
Gray Carriers	19
Hinken Inc.	7
Moore Brothers Inc.*	32
Nebraska-Texas Transportation*	12
Norfolk Contract Carriers	15
Strong Trucking*	25
TMC/The Mickow Corp.	40
Vulcraft	29

*Interstate only

**Andrews Van Lines, Inc., is a worldwide moving company with agents in all principal cities in the United States and principal cities in 21 foreign countries. A total of 275 trucks are dispatched from the home office in Norfolk, with as many as 20 trucks leaving daily.

Many other owner/operator independent truckers also serve the area.

Bus Line

Arrow Stage Lines, one of the nation's largest family-owned motorcoach charter carriers, was founded in and has served Norfolk since 1928. Offering local and nationwide motorcoach charter service, Arrow Stage Lines offers one scheduled bus to Omaha, Monday through Friday, via Columbus, Schuyler, and Fremont. Besides this regularly scheduled route to Omaha and the Omaha Eppley Airfield, nationwide bus connections are available through Greyhound to all mainland states and Canada.

Navigator Motor Coaches, Inc., privately owned, provides charter bus service locally and nationally as well as to Canada and Mexico.

Taxi

The Checker Cab Company in Norfolk, 12 miles east, has four radio-equipped cabs.

AIR

Karl Stefan Memorial Airport, located 10 miles east of Battle Creek, provides air freight and air express services. Supplementary all-cargo service (air/truck) is available with departures daily. Taxi service and car rental provide public ground transportation.

The airport has two 5,800-foot paved and lighted runways with a full instrument landing system. The FBO (fixed base operator) is operated by the city of Norfolk. Maintenance and repair, air taxi, charter, plane rental, aerial photography, and flight training services are available.

Competitive fuel prices, a comfortable pilots' lounge, and a courtesy car for limited local use make the Karl Stefan Memorial Airport a must stop for private air travelers. Information on local tourist attractions and economic development opportunities is available in the pilots' lounge.

Karl Stefan Memorial has nearly 1,500 fuel stops per year and 4,000 general aviation flights annually. Fifty planes are hangared at the airport with three available for charter. The elevation at the airport is 1,572 feet, the latitude is 41°59'13"N, and the longitude is 97°26'11"W.

The nearest commercial air services are provided at Sioux City, Iowa, 94 miles; Grand Island, Nebraska, 119 miles; Omaha, Nebraska, 130 miles; and Lincoln, Nebraska, 137 miles southeast of Battle Creek. Sioux Gateway Airport is served by Northwest with direct flights to Minneapolis. The Central Regional Airport near Grand Island is served by Great Lakes Aviation with direct flights to Denver. Omaha's Eppley Airfield is served by nine airlines.

WATER

Barge service is available at 10 barge terminal facilities on the Missouri River in Nebraska. The Sioux City river port is 95 miles northeast of Battle Creek. These river ports are navigable approximately eight months per year. The U.S. Army Corps of Engineers maintains a 9-foot deep, 300 foot wide channel for 735 navigable miles from Sioux City to the mouth of the Missouri River. Commodities transported by towing companies are grain and grain products, fertilizer, feed ingredients, cement, rock-aggregate, and salt.

PIPELINE

Kaneb Pipeline, a worldwide company, has a loading terminal in Norfolk, 15 miles northeast of Battle Creek. This firm ships petroleum products. Kaneb, headquartered in Wichita, Kansas, serves Nebraska, Kansas, Iowa, North Dakota, South Dakota, Wyoming, and Colorado.

UTILITIES

ELECTRICITY

The city of Battle Creek purchases its total power requirements from Nebraska Public Power District (NPPD) at wholesale. Power is supplied to the city by means of a 34.5 kV line extending to NPPD's 115/34.5 kV Norfolk substation, which has two transformers with a capacity of 56 MV. A backup 34.5 kV line is provided from a 115/34.5 kV substation at Neligh, making adequate power available to the city of Battle Creek. The city owns its own substation and NPPD supplies power to the high-side switch of this substation. The city is tied to NPPD's 115 kV statewide transmission grid and the Western Area Power Administration.

BASE ELECTRIC RATES—CITY OF BATTLE CREEK
(effective 2/20/02)

Summer bills run from April 20 to September 20.

Residential Service (all electric):

Customer Charge: \$6.50 per month		
Summer	Winter	
11.00¢	11.00¢	per kWh for the first 100 kWh used per month
8.00¢	8.00¢	per kWh for the next 400 kWh used per month
—	5.30¢	per kWh for the next 500 kWh used per month
5.30¢	4.50¢	per kWh for all additional use
Minimum Bill: The Customer Charge		

Commercial (all seasons):

Customer Charge		
Single Phase	\$6.75 per month	
Three Phase	\$6.75 per month	
Summer	Winter	
11.30¢	11.50¢	per kWh for the first 500 kWh used per month
6.50¢	7.00¢	per kWh for the next 2,500 kWh used per month
5.50¢	5.50¢	per kWh for all additional use
Minimum Bill: The Customer Charge		

Sample Cost per kWh:

kW	kWh	Annual Average ¢/kWh*
100	30,000	5.75
100	36,000	5.71
300	90,000	5.58
300	150,000	5.55
500	150,000	5.55
500	180,000	5.54

*Calculated using three-phase commercial

Large Commercial (> 50 kW per month):

Demand Charge: \$9.20 per kW per month times the billing demand
Energy Charge: \$0.050 per kWh used
Minimum Bill: The demand charge

Sample Cost per kWh:

kW	kWh	Annual Average ¢/kWh*
100	30,000	8.07
100	36,000	7.56
300	90,000	8.07
300	150,000	6.84
500	150,000	8.07
500	180,000	7.56

*Calculated using three-phase service

For further information regarding electric rates and service, prospective customers should contact Dianne Werner, city clerk, Battle Creek, (402) 675-2165, or email bccity@cablone.net.

The Elkhorn Rural Public Power District, a wholesale customer of Nebraska Public Power District, serves the rural area surrounding Battle Creek. Contact Terry Carson, manager, Elkhorn Rural Public Power District, (402) 675-2185, or visit www.erppd.com, for further information regarding electric rates and service.

NATURAL GAS

Aquila is the retail supplier of natural gas in Battle Creek. Kinder Morgan is the pipeline company. The community is served with a four-inch line size and nine pounds of pressure. Aquila is a full-service natural gas distribution company with Nebraska headquarters in Lincoln.

Natural gas, with an average value of 1,000 Btu per cubic foot, is available for residential, commercial, and industrial customers for base and peak use on a firm basis. Interruptible service is available for customers with alternate fuel capability. Annual curtailment of interruptible customers varies with the type of service selected by the customer.

Natural Gas Rates (month of March 2005):

Rates vary slightly due to seasonal fluctuation.

Residential:

Customer Charge:	\$11.00 per month
All therms	\$ 0.88142 per therm

Commercial/Industrial:

Customer Charge:	\$15.00 per month
All therms	\$ 0.91231 per therm

Small Volume Interruptible*:

Customer Charge:	\$50.00 per month
All therms	\$ 0.91231 per therm

*This schedule applies to commercial and industrial customers with daily requirements less than 200 Mcf.

Commercial/Industrial—Large Volume:

Rates are negotiable and determined by individual customer contract with energy supplier	
--	--

Contact Aquila's Economic Development Department at (402) 437-1850 or (800) 232-1850 for further information regarding gas rates and service.

OTHER FUELS

LP gas is available in Battle Creek for residential, commercial, and industrial uses at Farmers Pride Cooperative.

Oil

Oil is available in Battle Creek for residential, commercial, and industrial uses at Farmers Pride Cooperative.

WATER

The municipal water system in Battle Creek is supplied by three wells, with an average depth of 86 feet. The system, serving the entire population of the community, has a combined pumping capacity of 600 gallons per minute and an overhead storage capacity of 212,000 gallons. The average daily demand is 400,000 gallons and the historic peak daily demand is 1,000,000 gallons. The system has a maximum capacity of 1,076,000 gallons per day. The static pressure is 60 pounds per square inch.

Groundwater is available for industrial uses. A 100-foot well will produce 600 gallons of water per minute. The quality of water in Battle Creek does not necessitate a water treatment plant. The water table has dropped slightly during the last few years due to the drought.

The color of the water is clear. The average tap water temperature varies from 50° in winter to 60° in summer.

Chemical Analysis

Lead	0 ppb
Copper	1.3 ppm
Arsenic	7.83–9.13 ppb
Barium	0.206–0.215 ppm
Chromium	1.1–1.64 ppb
Fluoride	1.023–1.28 ppm
Nickel	1.89–2.16 ppb
Nitrate-Nitrite	3.7–9.8 ppm
Selenium	14.8–16.2 ppb
Sulfate	13–25 ppm

ppb = parts per billion
ppm = parts per million

WATER RATES (effective 9/15/03)

A water connection fee of \$175 is charged for new water service.

Residential & Commercial (unmetered):

\$15.00 per month

Commercial (metered):

\$1.10 per 1,000 gallons
Minimum Bill: \$45.00 per quarter

Capital improvements in 2005 include an upgrade of the water main into the storage facility and a new control system. This project, estimated to cost \$50,000, will be financed by a bond issue.

WASTEWATER SYSTEM

Battle Creek has a municipal wastewater system. The oxidation ditch treatment plant, built in 1968, has a daily capacity of 144,000 gallons. The average daily flow is 120,000 gallons and the historic peak daily discharge is 200,000 gallons.

SEWER-USE CHARGES (effective 9/15/03)

A \$50 connection fee is charged for new service.

Residential:

\$10.50 per month

Commercial (unmetered water customers):

\$13.00 per month

Commercial (metered water customers):

75% of water bill
Minimum Bill: \$39.00 per quarter

A new treatment plant is scheduled to be completed in 2006. This \$2.2 million project will be financed by grants and bonds.

SOLID WASTE DISPOSAL

Privately owned waste removal services are provided in Battle Creek. Wastes are hauled to a landfill near Clarkson, 40 miles southeast of Battle Creek. The landfill is owned by the Northeast Nebraska Solid Waste Coalition, a coalition of governments in northeast Nebraska.

SOLID WASTE REMOVAL RATES:

Residential:

\$10.00 to \$21.00 per month

Commercial:

Contracted with hauler

RECYCLING

Civic organizations operate the recycling program, which collects aluminum cans, and shares the proceeds.



Elkhorn Rural Public Power District Headquarters



Scenes from Main Street

COMMUNICATIONS

TELECOMMUNICATIONS

Frontier, a Citizens Communications company, is the local exchange carrier for the community of Battle Creek. The community is served by a digital, stand-alone DMS 10 switch, which is served by a fiber optic system via Norfolk. Local services available include all digital calling features, DSL, and T1s. Dual feed from two separate switching offices is available. Battle Creek has extended area service to Norfolk and Meadow Grove.

TARIFFED RATES

Residential	\$17.50
Business	\$27.50

Cellular phone service is available from Alltel, Viearo Wireless, Cellular One, and Sprint PCS. Pager system service is provided by Telebeep and Cross Country Cellular.

INTERNET

There are five Internet service providers in the area. They include Connecting Point of Norfolk (www.conpoint.com), Cable One of Norfolk (www.cableone.net), Huntel (www.huntel.net), Internet Nebraska (www.ncfcomm.com), and Kelly Supply (www.kdsi.net).

POST OFFICE

The post office in Battle Creek has one mail receipt and one mail dispatch daily. The nearest general mail facility is located in Norfolk, 12 miles east. Postal receipts for the last five fiscal years:

<u>Year</u>	<u>Receipts</u>
2003	\$205,000
2002	\$195,000
2001	\$185,000
2000	\$175,000
1999	\$165,000

PACKAGE DELIVERY SERVICES

Overnight express service availability:

	Federal Express	UPS	DHL
Latest Pick-up Time	5:00 p.m.	–	Noon
Earliest Delivery	8:00 a.m.	Noon	10:30 a.m.
Next Day Delivery Guarantee	Yes	2:00 p.m.	Yes
Saturday Delivery Guarantee	Yes	No	No

Latest pick-up time at the post office is 4:25 p.m. while the earliest delivery is 9 a.m. The post office guarantees next day delivery and delivers on Saturday.

NEWSPAPER

The Battle Creek Enterprise is the local weekly paper with 600 subscribers. The Norfolk Area Shopper is delivered weekly and the Midwest Messenger is delivered biweekly. Daily papers delivered locally include the Norfolk Daily News and the Omaha World-Herald.

RADIO

Norfolk radio stations which carry local news include:

Call Letters	Frequency	Type
KXNE	89.3 MHz	Public
WJAG	780 KHz	Country
KEXL	106.7 MHz	Adult contemp.
KPNO	90.9 MHz	Christian
KNEN	94.7 MHz	Adult contemp.
KUSO (US 92)	92.7 MHz	Country

TELEVISION

PBS-TV, an educational television station in Norfolk, is viewed on Channel 11. Regional stations carrying local news include:

Call Letters	Channel	Location
KOLN	10	Lincoln, NE
EDUC	64	Lincoln, NE
KMTV	13	Omaha, NE
WOWT	6	Omaha, NE
KETV	5	Omaha, NE
KTIV	4	Sioux City, IA
KCAU	9	Sioux City, IA
KMEG	7	Sioux City, IA

Cable television is available on 58 basic, 41 premium, and 35 pay-per-view.

Satellite television providers include Behmers (Dish Network) and Pegasus (Direct TV).



United Methodist Church



St. John's Lutheran Church



St. Patrick's Catholic Church

TAX STRUCTURE

VALUES FOR TAX LEVY PURPOSES – CITY OF BATTLE CREEK

All real property is required to be appraised at its actual value. Agricultural land is valued at 80 percent of its actual value. Personal property that is used in a trade or business and is depreciable is subject to tax at its “net book value.” All other personal property is exempt from taxation.

	Actual Valuation		
	2002	2003	2004
Real Estate	\$31,092,650	\$30,858,393	\$33,470,183
Personal Property	356,060	586,388	324,677
Special (railroad and utilities)	562,566	670,815	576,435
Totals	<u>\$32,011,276</u>	<u>\$32,115,596</u>	<u>\$34,371,295</u>

TAX RATE (dollars and cents per \$100 of actual value)

	2002	2003	2004
City	\$0.499998	\$0.592553	\$0.543477
County	.349569	.390472	.408500
School District	1.032465	1.348572	1.328666
Community College	.070000	.081123	.082711
Educational Service Unit	.014990	.014993	.014990
Natural Resource District	.036994	.034826	.033354
Agricultural Society	.018597	.018458	.017619
Totals	<u>\$2.022613</u>	<u>\$2.480997</u>	<u>\$2.429317</u>

LOCAL BONDED INDEBTEDNESS

As of September 30, 2004:

City—Revenue Bonds	\$2,135,000
City—General Obligation Bonds	\$1,170,000
School District (as of 4/1/05)	\$7,850,000
County	None

CITY BOND ISSUES

Type	Date Issued	Original Amount	Unpaid Balance As of 9/30/04	Interest Rate (%)	Date Due
Revenue					
Combined Utility	01/15/03	\$ 2,135,000	\$ 2,135,000	2–5.2	2022
General Obligation					
Various Purpose	03/15/98	\$ 140,000	\$ 70,000	4.2–5.15	2006
Nursing Home	11/13/01	\$1,065,000	\$ 980,440	2.3–4.6	2014
Nursing Home Refinance	02/01/03	\$ 259,860	\$ 222,040	2.3–4.6	2014
Swimming Pool	04/15/03	\$ 150,000	\$ 150,000	1.65–4.1	2013

SCHOOL BOND ISSUES

Type	Date Issued	Original Amount	Unpaid Balance As of 4/1/05	Interest Rate (%)	Date Due
7-12 Building	5/1/03	\$7,850,000	\$7,850,000	4.0	2029



Public Safety Building

LOCAL GOVERNMENT

COUNTY GOVERNMENT

Madison County has 16 townships and is governed by three county commissioners, each elected by popular vote of the district for a four-year term. The next election will be held in 2006. The county belongs to the Northeast Nebraska Economic Development District along with 15 other counties. The 2004–2005 actual budget is \$21,417,386. County zoning classifications are:

AG1	Intensive Agriculture
AG2	General Agriculture
AT	Agricultural Transition
RR	Rural Residential
MH	Mobile Home
C3	Highway Services
I	Industrial
EC	Environmental Corridor

MUNICIPAL GOVERNMENT

Battle Creek, a city of the second class, has a mayor/council form of government. The next election will be held in 2006. The 2004–05 actual budget is \$5,585,000. Municipal officials are:

Title	Term of Office
Elected	
Mayor	4 years
Elected at Large	
Council Members (4)	4 years
Appointed	
City Clerk/Treasurer	1 year
Utility Superintendent	1 year
Chief of Police	1 year

FIRE PROTECTION

Fire protection is provided in the community by a 37-member volunteer fire department. Fire protection is also provided outside the city limits within the Battle Creek Rural Fire District.

There are 68 fire hydrants in the community. The fire insurance classification inside the corporate limits (five-mile radius) is 7 and outside the

corporate limits it is 9. Approximately \$30,820 has been spent annually for fire protection during the last three years.

Equipment in the fire department:

Year/Make	Description
City	
1986 Ford C-800	1,500 gal. tanker
1987 Engine	750 gal. per min.
2003 Ford F-450	Support apparatus truck
1994 Ford	First response
Rural	
1974 Ford	1,200 gal. tanker
1989 GMC	1,750 gal. tanker
1995 Yukon	Incident command vehicle
2000 GMC	1,000 gal./min. engine
2006 Freightliner	2,200 gal. tanker/pumper

Fire losses totaled \$80,753 in 2003 and \$26,600 in 2004.

LAW ENFORCEMENT

Police Department

The Battle Creek Police Department is staffed by three full-time officers and two support personnel. Annual expenditures for police protection during the last three years averaged \$117,100.

Sheriff's Department

The Madison County Sheriff's Department, located in Madison, is staffed with 25 sworn officers and 40 support personnel. The department has eight marked and four unmarked radio equipped automobiles, two 4-wheel drive unmarked radio equipped units, hand held radios, intoxilyzer, Automated Fingerprint Identification System, standard investigative equipment, riot control equipment, 24-hour communications, terminals to the National Crime Information Center and Law Enforcement Teletype System, and other standard equipment. The Madison County Jail has a detention facility for 112 inmates. Regular patrol is maintained throughout the county.

The crime rate per 1,000 population in Madison County in 2003 was 37.4 compared to a state crime rate of 40.0 and a national rate of 40.6.

State Patrol

Troop B of the Nebraska State Patrol is headquartered in Norfolk, 12 miles east of Battle Creek, and serves 23 counties. Fourteen troopers are stationed in Norfolk.

A variety of services are provided by the State Patrol including traffic enforcement; motor vehicle accident, safety education programs; Gang Reduction Education and Training instruction; and liquor, criminal, and drug investigations with the assistance of two canines.

STREETS

Battle Creek has 17 miles of streets in the community, 6.5 miles of which are hard-surfaced with asphalt. Seventy-five percent of the streets have curbs and 75 percent have sidewalks.

Street maintenance equipment includes a payload, maintainer/grader, dump truck, snow plow, and street sweeper.

BUILDING AND ZONING REGULATIONS

The National State Electrical Code is enforced in Battle Creek. City zoning classifications are:

R, R2	Residential
I	Industrial
C	Commercial
AG	Agriculture
RT	Transitional

PLANNING

The Madison County Planning Commission is comprised of eight members; one member is from Battle Creek. Members serve four-year terms.

A Comprehensive Plan for Madison County was completed in 2003. The plan was prepared by Madison County Joint Planning Department and RDG Crose Gardner Shukert.

COMMUNITY FACILITIES

SCHOOLS AND COLLEGES

Battle Creek School System

Type of School	Classrooms	Students	Teacher/ Pupil Ratio	Computer/ Pupil Ratio
Elementary	11	191	1:17	1:5
Elementary*	8	136	1:19	1:6
Jr.-Sr. High School	23	189	1:18	1:3

* Lutheran

School District No. 59–0005 in Madison County covers 143 square miles and had an actual valuation of \$170,164,396 in 2003–04, with an actual valuation per pupil of \$375,638. This Class III school is accredited by the Nebraska Department of Education and the North Central Association

The 2003–04 school operating expenses totaled \$3,875,411, with an average cost per pupil of \$6,150.

2003 Test Results

Name	% Students Taking Test	Average Score
8th Grade	100	56 percentile
Terra Nova		
ACT	50	23.1

The elementary school, with a preschool/daycare program, was built in 1967 and has a maximum capacity of 225. The junior-senior high school, with a maximum capacity of 400, was built in 2004.

It is estimated that 99 percent of the eighth grade students finish high school, 70 percent of the graduating seniors pursue a college degree, and 30 percent of the graduates enter the job market immediately after graduation.

Tech prep program include the Technology Academy of Northeast Nebraska. Vocational courses in the high school include family and consumer science, business, and industrial technology.

The School District provides transportation to Norfolk for special needs students.

Parochial Schools

St. John’s Lutheran school provides a Christian setting for preschool through eighth grade with an enrollment of 136 students. Tuition averages \$350 per pupil annually. The school has a preschool/daycare program. An addition to the school is planned for 2006.

Educational Service Unit

Battle Creek participates in Educational Service Unit 8, headquartered in Neligh and serves seven counties. Services available include nurse, special education, library, art, cooperative purchasing, technology, and in-service.

Community College

Battle Creek is part of the **Northeast Community College (NECC)** service area. The college, governed by an 11-member elected board, serves 20 counties in northeast Nebraska from the main campus located in Norfolk and through regional education centers located throughout the district.

Enrollment at Northeast Community College for 2003–04 included 7,379 students taking credit courses and 18,671 students taking noncredit, continuing education classes.

**Northeast Community College
Representative Sample of the Class of 2004**

Program	Degree/Certificate	Conferred
Administrative Assistant	AAS	22
Administrative Assistant	1-year diploma	16
Agriculture	AAS	56
Audio Recording Technology	AAS	8
Audio Recording Technology	Diploma	2
Auto/Auto Body Technology	AAS	41
Computer Science/MIS	AAS	7
Electromechanical	AAS	19
General Studies (academic transfers)	AAS	53
Nursing-LPN	1-year diploma	32
Nursing-ADN	AAS	27
Utility Line	AAS	39

NECC offers more than 60 technical, vocational, business, and liberal arts programs preparing the student for immediate employment or transfer to a four-year college or university. In May 2004 the college awarded 673 diplomas and degrees. Of the graduates looking for employment, an average of 99 percent find jobs soon after graduation.

Approximately 30 percent of NECC graduates choose to continue their education, with most transferring to a four-year school. Statistics show that college transfer students from NECC do as well as, and usually better than, students who actually started at a four-year college.

The Business and Industry Division at NECC works with area industries, retail and service establishments, agriculture, and other agencies in planning employee development and training. The programs can be delivered on site at the company or at the state-of-the-art facilities at NECC. Training is arranged at any time of the day or evening to meet the organization's special needs.

The Business and Industry Division served 132 employers and trained more than 7,000 employees through customized training, workshops, and seminars in fiscal year 2003–04. The division also worked with 36 communities on strategic planning and economic development initiatives. More than 60 individuals seeking to start or expand their businesses received assistance through this division. An additional 11 minority-owned businesses were provided start-up assistance and consulting services.

The 205-acre main campus includes 19 buildings including classroom, shop, and lab facilities; library/resource center; student center; an activities center with gym and theater; the Lifelong Learning Center; residence hall for students; and two apartment buildings for student living.

The 147-bed residence hall addition was completed in the fall of 2004 and dedicated as Burkhardt Hall. The new \$2.4 million Agriculture and Technology Education Complex was dedicated in 2004. The facility includes a 550-seat arena and four classrooms. Northeast also owns a 566-acre college farm with all facilities necessary for teaching farm operations. The college is one of the best computer-equipped educational institutions in the state.

For more information on Northeast Community College, call (800) 348-9033 or visit the website at www.northeastcollege.com.

Lifelong Learning Center

The Lifelong Learning Center at Northeast Community College serves the business and professional community through a variety of uses. The 20,000-square foot educational wing includes two distance learning classrooms, a computer center for software training, and the conference center that can be divided into six rooms and accommodate up to 700 people. Full technology and food services are available to make the center a highly desirable location for meetings, training activities, and conferences.



Battle Creek Elementary School



Battle Creek Public Junior-Senior High School



St. John's Lutheran School



Community Pride Care Center



Battle Creek Public Library

In addition to the associate degree and continuing education programs offered through Northeast Community College, the Lifelong Learning Center serves as a clearinghouse for education offerings from Wayne State College, the University of Nebraska, and other public and private institutions. Using state-of-the-art distance education technology and live instruction, nearly 20 bachelor's, master's, and doctorate degrees are offered, including computer science, engineering, industrial management systems engineering, and two MBA programs.

For more information on the Lifelong Learning Center, its programs and facilities, call the facility's coordinator at (402) 844-7246.

Colleges and Universities

Wayne State College (WSC) located in Wayne, 47 miles northeast of Battle Creek, serves approximately 3,300 students from throughout

Nebraska and Iowa as well as 20 other states and 18 foreign countries. WSC offers 60 majors and minors in four academic schools including: Arts and Humanities, Business and Technology, Education and Counseling, and Natural and Social Sciences. Masters degrees are also available in business and education.

Approximately 45 percent of undergraduates major in the arts and sciences, 29 percent in business, and 26 percent in education.

Founded in 1891, the college became a State College in 1909. The picturesque 128-acre campus serves as a state arboretum and features a walking/jogging trail, numerous indoor and outdoor recreation facilities, a renovated and expanded student center, state-of-the-art business building, and a new studio arts building.

Program	Wayne State College Undergraduate		Graduate	
	Majors*	Degrees**	Majors*	Degrees**
Applied Human & Sport Physiology	27	4	—	—
Art	42	6	—	—
Business	529	157	60	20
Chemistry	67	13	—	—
Computer Information Systems	73	14	—	—
Computer Science	33	9	—	—
Counselor Education/Counseling	—	—	68	27
Criminal Justice	167	34	—	—
Curriculum & Instruction	—	—	318	27
Early Childhood	84	11	—	—
Elementary Education	389	73	—	—
English	79	10	1	—
Exercise Science	64	20	6	5
Family & Consumer Sciences	52	14	—	—
French	1	—	—	—
Geography	27	7	—	—
Graphic Design	46	16	—	—
Health & PE	64	7	—	—
History	48	6	—	—
Human Service Counseling	89	30	—	—
Industrial Technology	92	14	—	—
Interdisciplinary Studies	5	1	—	3

* Includes first and second majors as of fall 2004

**Degrees awarded December 2003 through August 2004

Program	Undergraduate		Graduate	
	Majors*	Degrees**	Majors*	Degrees**
Life Sciences	87	15	—	—
Mass Communications	63	11	—	—
Mathematics	42	11	—	2
Middle Level Education	20	—	—	—
Modern Language and Culture	1	—	—	—
— French	—	1	—	—
— Spanish	—	1	—	—
Music	48	2	—	—
Natural Sciences	9	4	—	—
Physical Science	1	—	—	—
Political Science	36	5	—	—
Pre-Professional	148	—	—	—
Pre-Professional Pharmacy	—	1	—	—
Psychology	81	23	—	—
School Administration	—	—	56	22
Social Sciences	52	7	6	1
Sociology	20	13	—	—
Spanish	24	2	—	—
Special Education	54	6	9	3
Speech Communications	50	18	6	—
Sport Management/Leisure Services	91	12	17	8
Technology	10	4	—	—
Theatre	22	2	—	—
Undeclared	349	—	—	—

*Includes first and second majors as of fall 2004

**Degrees awarded December 2003 through August 2004

Other Schools

Colleges, universities, and community colleges frequently attended by Battle Creek High School graduates include:

Community/College or University	Mileage
Norfolk	12
Northeast Community College	
Wayne	47
Wayne State College	
Columbus	56
Central Community College, Columbus Campus	
Omaha	130
University of Nebraska at Omaha	

Community/College or University

Mileage

Lincoln	137
University of Nebraska-Lincoln	
Kearney	169
University of Nebraska at Kearney	

CHURCHES

Denomination	Number of Churches
Catholic	1
Lutheran, Missouri Synod	1
United Methodist	1

HEALTH CARE

There are approximately 150 physicians within a 12-county radius of Battle Creek, with a ratio of one doctor for every 1,000 population.

Rescue Squad

The Battle Creek Volunteer Fire and Rescue Service, comprised of eight Emergency Medical Technicians and three first responders, responds to 911 service calls. The one ambulance in Battle Creek is equipped with a backboard, Ped's pack, defibrillator, air packs, Jaws of Life and spreader, and airway management. Services from LifeNet Medical Transportation at Faith Regional Hospital, are available within a 10-mile flying range.

Hospitals

Faith Regional Health Services in Norfolk has been providing health care to the residents of northeast and north-central Nebraska since 1923. Faith Regional is a 166-bed acute care regional referral center with Centers of Excellence in cancer, cardiac, physical rehabilitation, and obstetrics. Centers include the Carson Cancer Center, Faith Regional CardioVascular Institute, the Dialysis Center, and RehabCentral.

Medical services are delivered from four locations. West campus provides emergency services, acute care, cancer and heart services, women's and children's services, laboratory and imaging services, surgery, and cardiopulmonary. East campus provides outpatient clinics, physical rehabilitation, transitional care, home health/hospice, dialysis, and behavioral health. Medical Offices West is the Carson Cancer Center and the CardioVascular Institute, cardiac and pulmonary rehabilitation, the Health Resource Center, and LifeNet Medical Transportation. Medical Offices North leases office space to physician groups and the Faith Regional Surgery Center.

Faith Regional CardioVascular Institute, opened in 2001, offers a complete cardiovascular care center including preventive, diagnostic, interventional, and rehabilitative care for coronary artery disease, heart failure, and peripheral vascular disease in an inpatient setting. The **Carson**

Cancer Center, named in memory of Johnny Carson's parents, offers radiation and medical oncology and serves patients from a 30-county area. **RehabCentral** offers the most comprehensive multidisciplinary approach to physical rehabilitation through physical therapy, occupational therapy, speech/language pathology, sports medicine, and occupational medicine.

Faith Regional Health Services is accredited through the Joint Commission on Accreditation of Health Care Organizations. Primary service area includes a 7-county area surrounding Norfolk; secondary service area includes a 30-county area. More than 80,000 patients are served annually on an inpatient and outpatient basis. More than 900 babies are delivered each year, making Faith Regional the busiest birthing facility in northeast Nebraska.

Faith Regional Health Services is equally sponsored by two organizations—the Missionary Benedictine Sisters and the Lutheran Community Hospital Association.

The Norfolk Regional Center (NRC), a psychiatric hospital operated by the state of Nebraska, provides care and treatment for adults from 27 counties in northeast Nebraska, including five in the greater Omaha area. Established by the State Legislature in March 1885, the hospital is staffed with 300 employees to provide care for 174 beds, with a waiting list for admittance. The hospital is accredited and approved by the Joint Commission on Accreditation of Health Care Organization and the Department of Healthcare Finance Administration. NRC provides a Neurogeriatrics Outreach Program to area nursing homes and partial hospitalization for nontraditional outpatient programs.

Behavioral Health Specialists, Inc. provides outpatient mental health and substance abuse services to individuals in northeast Nebraska. The agency, staffed by psychologists, counselors, clinical social workers, and certified alcohol counselors also provides specialized services to those who suffer severe and persistent mental illness. Psychological testing, consultation, education, and referral services are also available. Home-based services include intensive family preservation, therapeutic foster care, respite care,

emergency shelter care, in-home therapy, and family support services. Residential programs include Seekers of Serenity (for adults who are chemically dependent) and Sunrise Place (for adolescent males who are chemically dependent).

NURSING HOMES

Community Pride Care Center was built in 1989 and has a capacity for 65 beds, which includes 16 assisted living beds. This community-owned facility is accredited and certified by Medicare and Medicaid. Professional nursing care is available 24 hours each day, seven days a week. Transportation is available by a handibus and a handicapped van. Church services are held for all denominations.

LIBRARY

The Battle Creek Public Library contains 23,536 volumes plus 6,353 online books as well as 3,000 audio and video cassettes. The average circulation is 30,000 annually. The library has an online bookclub, online catalog, sponsors a humanities speaker in the community each year, book sales, bake sales, cooperative special classes at the school, computer classes, genealogy classes, and newsletter. Library activities include summer reading program for all ages and storytime for young children during the school year. A building project for a new library is in the planning stages. Visit www.battlecreeklibrary.org for further information.

RECREATION AND PARKS

The park in Battle Creek covers 60 acres and has a swimming pool, three ball diamonds, lighted tennis and basketball courts, soccer fields, three covered picnic areas, clubhouse (for rent), running water, and rest room facilities. The three unsupervised playgrounds have playground equipment and a WW II armored vehicle.

The Parks Department employs nine full-time and seven seasonal staff with an annual average budget of \$29,000. Programs are offered in softball, T-ball, baseball, swimming, AYSO soccer, and flag football.

Area facilities:

- Boating — Nonmotorized boating at Skyview Lake in Norfolk, 12 miles; all types of boating at Willow Creek State Recreation Area near Pierce, 20 minutes; Maskentine Lake and Recreation Area, 25 minutes; Lake North, 60 minutes; and Lewis and Clark Lake, 75 minutes
- Bowling — 32 lanes within 12 miles
- Fishing — Bass, catfish, northern pike, crappie, and bluegill at area lakes and rivers
- Fitness Center — Open to the public
- Golf — 13 grass greens courses within 2 hours drive
- Hunting — Deer, turkey, coyote, pheasant, quail, dove, duck, and goose
- Miniature Golf — Within 10 miles
- Sand Volleyball — Within 10 miles
- Skating — Skateboard and roller skating within 10 miles; roller skating in Stanton and Plainview, 22 miles
- Soccer — ASYO and club soccer within 22 miles
- Swimming — Pool in the park, two municipal pools in Norfolk along with Country Club and YMCA
- Tennis — Lighted, hard-surfaced courts in park; 10 lighted outdoor courts and 2 indoor courts in Norfolk, 12 miles
- Theatres — Seven indoor theatres and two performing arts theatres in Norfolk, 12 miles; drive-in and indoor theatre at Neligh, 27 miles
- Other — 1/4-mile stock car track in Norfolk, 10 miles; 1/4-mile go-kart track in Stanton, 25 miles

Battle Creek Fun Days are held annually the third weekend in June. Activities include a carnival, barbecue, parade, games, and contests.

Annual celebrations in Norfolk, 12 miles east of Battle Creek, include the Northeast Nebraska Ethnic Festival in June, Big Bang Boom Fireworks in July, Classic Car Show in August, “LaVistef” in September, and Parade of Lights in November.

Summer recreation programs in Battle Creek include sports camps, vacation Bible School, baseball, softball, library reading programs, and bicycling.

Other recreation programs include S.M.I.L.E. (Stephanie’s Miracles in Loving Equine, which is horseback riding for the handicapped), Pheasants Forever, Youth Mentor Hunts, Wild Turkey Federation Youth Hunts, and Black Powder Club.

Cultural activities at Norfolk, 12 miles, include the Norfolk Community Concert Association, Community Theatre Group, Norfolk Arts Council, and Elkhorn Valley Historical Society.

HOUSING

New Construction

Ten new homes were constructed during 2002–03 and 12 homes were constructed in 2004. It is estimated five will be built in 2005. The cost of new home construction averages \$100 per square foot. Building permits were issued for 13 single-unit houses and 2 duplexes during the last five years.

As of May 24, 2004:

Avg. Selling Prices (New and Existing)

Single Family Home	
1,800–2,500 sq. ft. – 3 bedroom	\$112,500
1,000–1,800 sq. ft. – 3 bedroom	\$ 91,600

Number of Single Family Homes for Sale by Price (New and Existing)

Less than \$100,000	3
\$100,000–\$150,000	2
\$150,001–\$200,000	2
\$200,001–\$250,000	1

Low Cost and/or Retirement Housing

Green Acres Apartments is comprised of eight units. Rent is subsidized.

Assisted Living

Community Pride Care Center has 16 assisted living beds. The facility opened in 1989 as a part of the Care Center.

FINANCIAL

As of December 31, 2004:

Name	Capital		
	Accounts	Deposits	Loans
	-----thousand dollars-----		
Battle Creek State Bank	\$2,285	\$19,513	\$16,513



Battle Creek State Bank Drive-up Facility



Parks of Pride Arboretum, Entrance to City Park



Battle Creek Swimming Pool

COMMUNITY SERVICES

PROFESSIONAL

Auctioneers	1
Certified Public Accountants	1
Dentists	1
Veterinarians	1

BUSINESS AND COMMERCIAL

Accounting/Bookkeeping	1
Antique Shops	2
Arts & Crafts	9
Automotive Repair/Body Shops	3
Banquet Facilities, Halls & Auditoriums	3
Beauty Salons & Barber Shops	4
Bed & Breakfast	1 (3 rooms)
Bookkeeping & Tax Services	1
Cake Decorators	4
Carpet Cleaning Services	1
Cleaning Services	2
Computer Services	2
Contractors—building	1
—carpentry	12
—concrete	3
—electric	3
—general	1
—gravel	1
—heating & air conditioning	2
—painting	2
—plumbing	2
Convenience Stores	1
Copying & Duplicating Services	1
Day Care/Child Care Services	6
Electrical Services & Repair	3
Farm Supplies	2
Garbage Collection	2
Gift Shops	1
Hardware Stores	1
Heating & Air/Appliance Repair	2
Household Products	3
Hunting	1
Insurance Services	3

Irrigation Services	2
Landscaping/Lawn Services	2
Machine Shops	2
Masonry/Concrete	4
Metal Fabrication	1
Music & Event Production	1
Painting Services	2
Personal Care Products	10
Preschools	2
Real Estate Firms	3
Restaurants	1
Sanitation Services	1
Seamstresses	1
Seed Dealers	1
Screen Printing/Embroidering	1
Service Stations/Convenience Stores	2
Small Engine Repair	1
Storage Rentals	2
Taverns	2
Tree Contractors	1
Trucking Firms	2
Upholstery Shops	2
Variety Stores	1
Welding Shops	2
Wood Products	1



Residential Housing Scenes

AGRICULTURE & RAW MATERIALS

AGRICULTURE

2002 Statistics	Madison County	State of Nebraska
Number of Farms	766	49,335
Land in Farms (acres)	342,167	45,903,116
Average Size of Farms (acres)	447	930
Market Value of Agricultural Products Sold	\$140,085,000	\$9,703,657,000
Market Value Per Farm	\$182,878	\$196,609
Total Acres Irrigated	97,844	7,625,170
Percent of Farmland Irrigated	28.6%	16.6%
Five-Year Average Production of Leading Crops (1999–2003)		
Alfalfa Hay	63,888 tons	4,721,000 tons
Corn for Grain	14,639,580 bu.	1,074,450,000 bu.
Oats	29,280 bu.	3,827,000 bu.
Soybeans	4,372,180 bu.	187,201,000 bu.
Five-Year Average Livestock Population (1999–2003)		
Cattle on Farms	68,400	6,462,200

SOURCE: National Agriculture Statistics Service
2002 Census of Agriculture

RAW MATERIALS

Unlimited amounts of sand, gravel, and nonmetallic minerals, are available in the Battle Creek area; however, metallic minerals are not found in the area.

Cottonwood timber, suitable for crating, dunnage, veneers, etc., is available in the area.

Agricultural products available in quantity are melons, apples, assorted vegetables, corn, wheat, soybeans, alfalfa hay, and oats. Items which are partly processed locally and available in quantity are beef and hog carcasses, hides, poultry, dried milk, and dried eggs.

CLIMATE

TEMPERATURE, PRECIPITATION, AND HUMIDITY

Month	AVERAGES						
	Temperature			Precipitation		Humidity*	
	Min.	Mean	Max.	Rain (Inches)	Snow (Inches)	Morning	Afternoon
January	5.65	19.44	32.53	0.58	5.7	76	65
February	11.14	25.07	37.36	0.76	5.8	79	65
March	19.76	34.96	42.73	1.71	6.4	80	62
April	42.07	48.88	57.80	2.33	2.2	79	52
May	55.21	60.66	67.81	3.80	0.0	80	53
June	64.07	70.50	76.17	4.38	0.0	82	55
July	68.50	75.38	81.15	3.62	0.0	84	56
August	67.56	73.24	80.92	2.80	0.0	86	58
September	54.57	63.50	69.25	2.27	0.0	83	54
October	45.15	51.73	60.69	1.52	0.5	79	52
November	24.95	36.01	46.45	1.03	3.6	80	60
December	6.92	24.06	32.42	0.64	6.0	79	66
Annual	45.38	48.60	51.92	25.45	30.2	81	58

*Recorded at Norfolk Weather Station

FROST DATA

Average date of last frost in spring	May 6
Average date of first frost in fall	September 29
Average length of growing season	146 days
Average number of "heating degree days" based on 65° Fahrenheit	6,902
Average number of "cooling degree days" based on 65° Fahrenheit	941
Wind speed in miles per hour (annual average)	12
Prevailing wind direction (annual average)	South

SOURCE: High Plains Regional Climate Center, University of Nebraska, 1948–2003,
www.hpccsun.unl.edu