

# Bismarck and Burleigh County Community Health Needs Survey

## PURPOSE:

The focus of this survey is to learn about our community's assets, concerns, and services provided, as well as identify any gaps. The survey was designed for public input from the city of Bismarck and Burleigh County residents to learn about our community's health needs. In this survey "Community" means where you live and interact with people.

## METHODOLOGY:

The Bismarck Burleigh County Community Health Needs Survey was developed with guidance from the Bismarck Burleigh Public Health Quality Improvement Team using the community health assessment tool from the University of North Dakota School of Medicine & Health Sciences, Center for Rural Health. The survey was also previewed by Bismarck Burleigh Community Health Coalition (BBCHC).

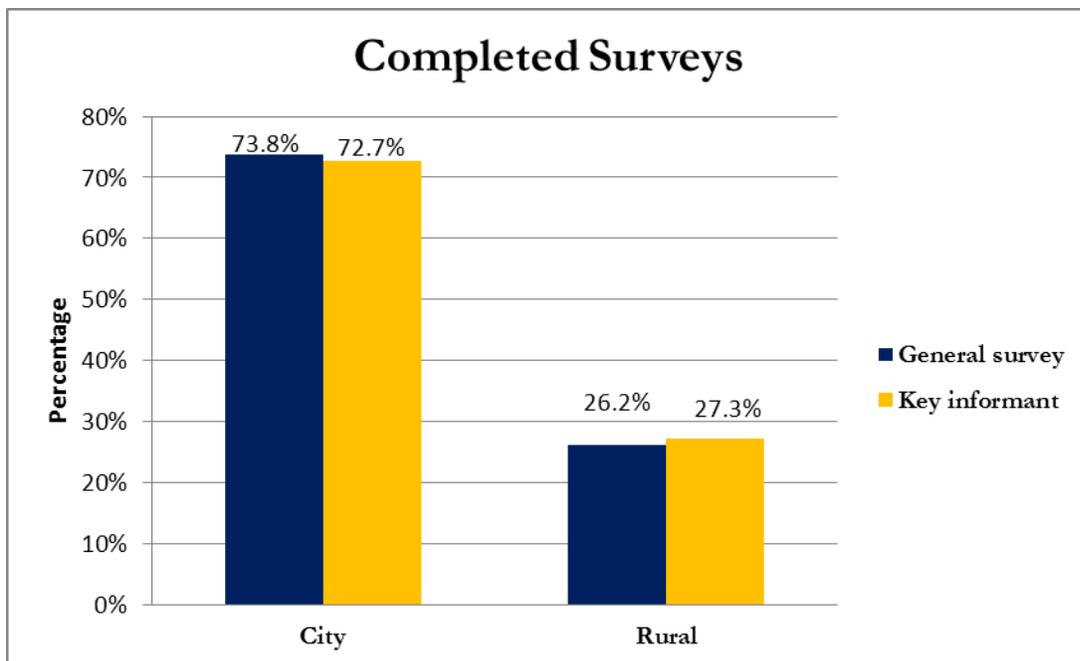
The Bismarck Burleigh County Community Health Survey was available only to the city of Bismarck and Burleigh County residents. The opinion survey opened on February 1<sup>st</sup>, 2012 and closed March 1<sup>st</sup>, 2012. A sample of 382 completed surveys was needed to accurately reflect our service area population. Dr. Pickard, Senior Medical Epidemiologist, ND Department of Health, requested 90 key informant surveys from our BBCHC members. Key informant results provided the perspective of our community partners. Volunteer sampling was the chosen method which is an inexpensive and efficient way to collect data. The survey consisted of 30 questions with the option to provide input. Participant's responses were anonymous and they were given the opportunity to decline any question. Answers were combined with those from other respondents and reported in aggregate form.

Surveys were administered electronically through SurveyMonkey™ and disseminated in paper copy where then entered into SurveyMonkey™. The online survey link was sent to BBCHC members to place on their agency website, as well as distributed to their employees and business contacts. Facebook was utilized to promote the survey link, and a press release was sent to local media outlets. Local TV stations placed the survey link on their websites and broadcasted news stories requesting community participation. In addition, one radio interview was completed. To target distribution for specific populations, approximately 400 paper copies were delivered to Bismarck Early Childhood Education Program (BECEP), Pride, HIT, Burleigh County Extension, and Community Action. The goal was to reach a population in need of services as well as to ensure a quality sample from Burleigh County residents.

**RESULTS:**

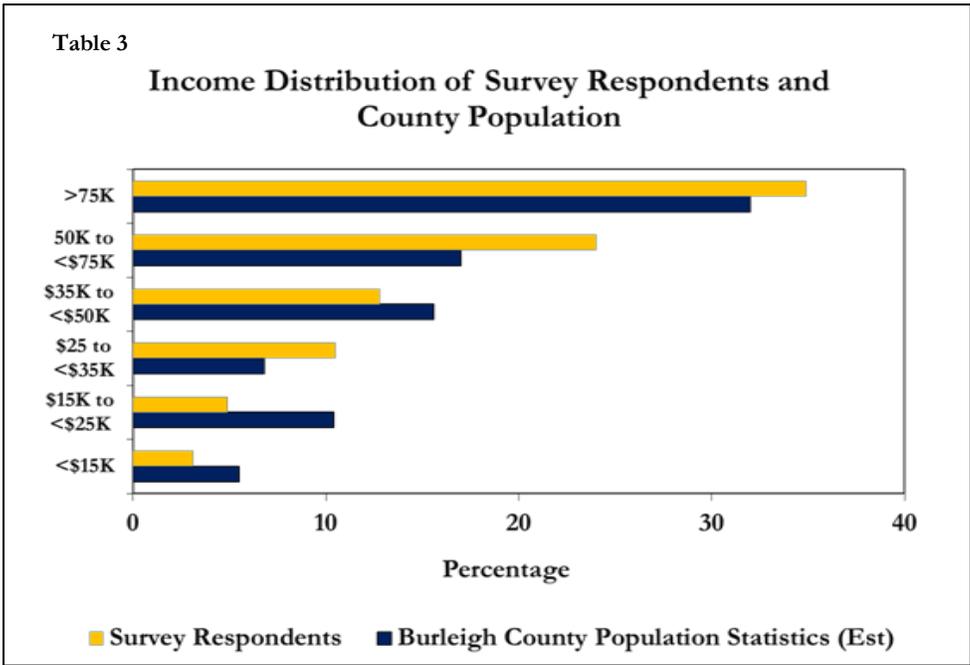
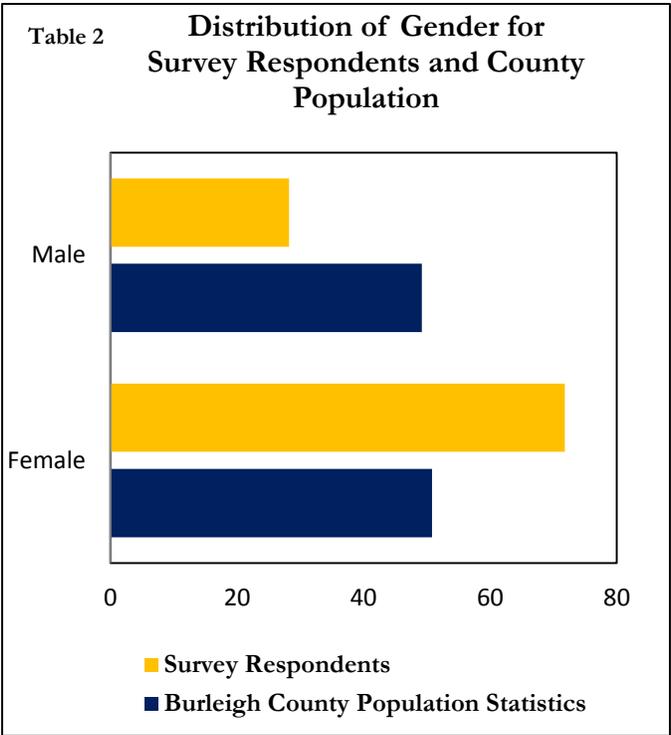
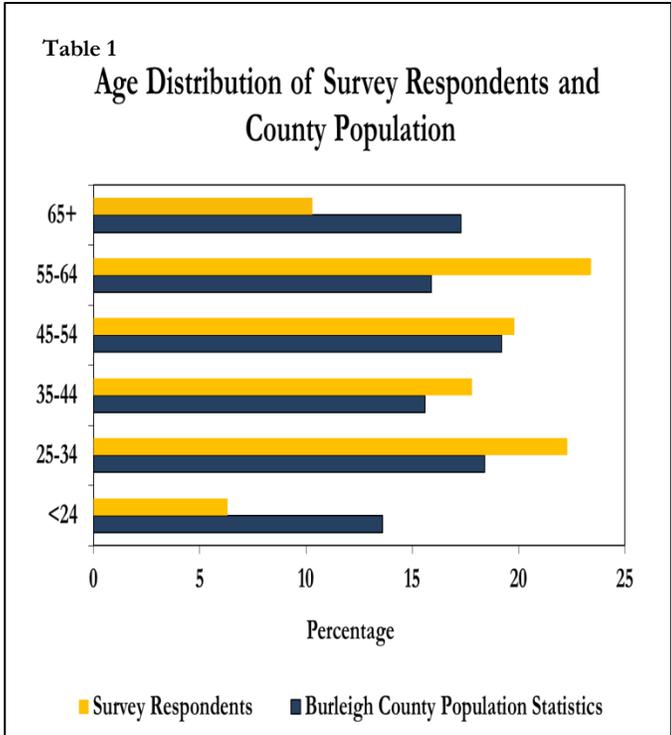
SurveyMonkey.com was used to analyze all surveys collected for this assessment. The following is a summary of respondents' demographics, current/future community concerns, and current/future health concerns. For response information not listed in this summary please contact Bismarck- Burleigh Public Health.

The survey exceeded the sample size goal by collecting 485 completed opinion surveys. Rural population represented 26.2% while the City of Bismarck represented 73.8% of the survey respondents. A total of 93 key informant surveys were completed with 72.7% from the city of Bismarck and 27.3% from Burleigh County residents. Burleigh County Rural population is approximately 25%.



The key informant surveys accurately identify needs in the community and reflect the outcomes of the general survey results. General survey results provide the remaining information. It will be noted if the key informant results are different.

Dr. Pickard provided the following charts comparing the age, male/female ratio and income of survey respondents to Burleigh County population statistics. The statistics are comprised of 2010 Census Data, Behavioral Risk Factor Surveillance Survey (2011) and the Burleigh County Community Health Profile.



The populations underrepresented in the survey are those older than age 65 and younger than 24 years old (Table 1 ). Survey respondents with an annual income less than \$25,000 had low participation in the survey (Table 3).

## Current/Future Community Concerns

General survey respondents identified the following concerns within the community:

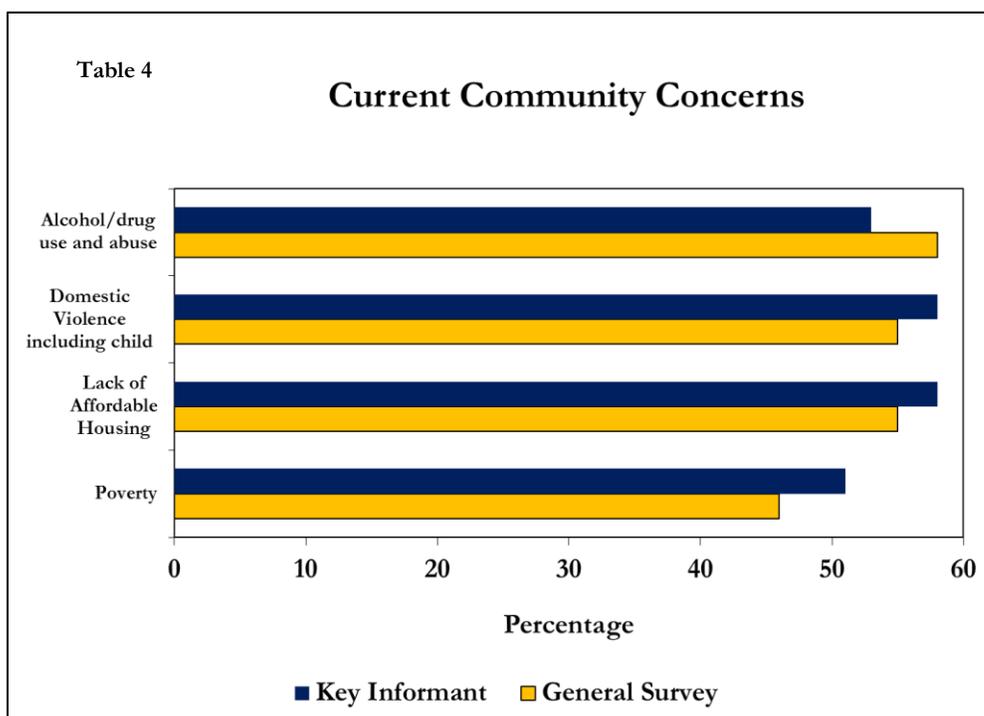
### Current Concerns:

1. Alcohol/drug use and abuse – 58%
2. Domestic Violence, including child – 55%
3. Lack of affordable housing – 55%
4. Poverty – 46%

### 2-5 years from Now:

1. Crime and community violence – 65%
2. Lack of affordable housing – 54%
3. Infrastructure – 49%
4. Domestic Violence including child – 47%

Key informant survey respondents report similar concerns however they identified domestic violence and lack of affordable housing as a greater concern than alcohol/drug use and abuse. (Table 4)



## Current/Future Health Concerns

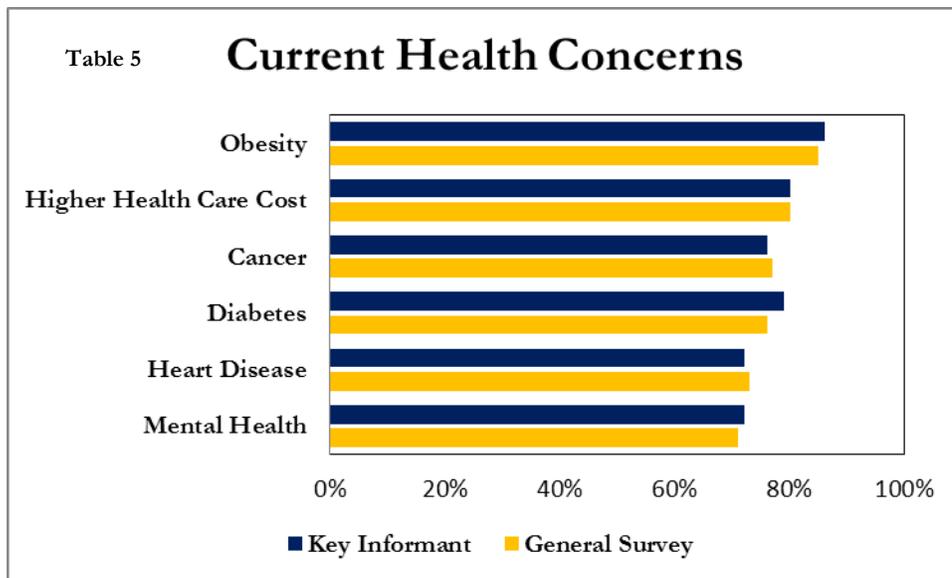
General survey respondents identified the following health concerns within the community:

### Current Concerns:

1. Obesity – 85%
2. Higher Health Care Cost – 88%
3. Cancer – 77%
4. Diabetes – 76%
5. Heart Disease – 73%

### 2-5 years from Now:

1. Higher Health Care Cost – 63%
2. Obesity – 60%
3. Diabetes – 58%
4. Cancer – 55%
5. Mental Health – 55%



Key informant survey respondents report similar concerns however they identified diabetes as a greater concern than cancer. (Table 5)

### Top Three Health Concerns

Bismarck and Burleigh County Community Health Needs Survey recognized current/future community concerns. General and key informant survey respondents identified obesity, higher health care cost and cancer as the most important health concerns. For response information not listed in this summary, please contact the Bismarck- Burleigh Public Health.