



Northeastern Minnesota & Northwestern Wisconsin  
**Regional Health Status Survey**

*St. Louis County*  
*without Duluth*  
Data and Comments

**2000**

A Collaborative Effort Among  
Regional Health Organizations



**May 2001**

Please Cite as:

Block, D.E., Kinney, A. M., Sundberg, L., Peterson, J. M., Kelly, G.L. & Bridge to Health Collaborative (2000). Bridge to Health Survey 2000: Northeastern Minnesota and Northwestern Wisconsin regional health status survey. (Available from Community Health Department, St. Mary's/Duluth Clinic Health System, 407 East Third Street, Duluth, MN 55805)

To Order Copies:

Community Health Department  
St. Mary's/Duluth Clinic Health System  
407 East Third Street  
Duluth, MN 55805  
(218) 786-2382

[jpeterson@smdc.org](mailto:jpeterson@smdc.org)

Cost: \$25:00

## ACKNOWLEDGEMENTS

Members of the Bridge to Health Collaborative deserve credit for all that went into the planning, funding, conducting, and producing *Bridge to Health Survey 2000*. The Collaborative includes members of 118 local, regional, and state health-related organizations serving northeastern Minnesota and northwestern Wisconsin. It is an unincorporated, all volunteer organization with the following Mission Statement:

*Through a collaborative effort, take an active role to understand and improve the health status and quality of life of the communities within the region. This will be achieved by conducting periodic assessments and serving as a catalyst for interventions to improve health.*

The Bridge to Health Collaborative greatly appreciates the financial contribution from the Allina Foundation, Project REACH that provided the majority of funding for *Bridge to Health Survey 2000*. Without this assistance, *Survey 2000* would not have been possible. Other major sponsors include the Duluth Clinic Foundation and St. Luke's Foundation. (A listing of all financial sponsors appears on the following page.)

Members of the Collaborative and the organizations that they represent contributed countless hours to the *Survey 2000* effort. The Collaborative is greatly indebted to Derryl Block (University of Minnesota, School of Nursing) who served as Project Coordinator overseeing all aspects of the project and who was intimately involved with data collection and analysis. A special thank you goes to Ann Kinney and the Minnesota Department of Health, Center for Health Statistics for the many hours of the technical assistance and guidance provided to this project.

The primary authors of this report are:

Derryl Block, University of Minnesota School of Nursing  
Ann Kinney, MN Department of Health, Center for Health Statistics  
Larry Sundberg, St. Louis Co Department of Public Health and Long Term Medical Care  
Jenny Peterson, St. Mary's Duluth Clinic Health System  
Gayle Kelly, Independent Consultant

The following members of the Bridge to Health Collaborative also had major roles in checking data and drafting individual chapters:

Linda Basara, St. Luke's Hospital and Regional Trauma Center  
Lynn Devlin, St. Luke's Hospital and Regional Trauma Center  
Dave Davison, A Positive Approach Mental Health Services  
Vickery French, University of Minnesota-Duluth, Rural Health School  
Nancy Ojard, First Plan of Minnesota  
Bruce Penner, Northstar Physicians, Inc.  
Jenny Peterson, St. Mary's/Duluth Clinic Health System  
Jim Skoog, St. Louis County Department of Public Health and Long Term Medical Care

Others who deserve recognition for *Bridge to Health Survey 2000* are: Mike Finch (United Health Care and the University of Minnesota) who was the Project Facilitator and provided research assistance as well as enthusiasm for *Bridge to Health* since 1995; Gayle Kelly, Project Consultant, responsible for editing and production of the final report; Steven Greenfield who aided in data analysis; and Cindy Erickson who assisted with production of the report.

# **BRIDGE TO HEALTH SURVEY 2000**

## **FINANCIAL SPONSORS**

Allina Foundation Duluth Clinic Education and Research Foundation St. Luke's Foundation Northland Foundation St. Mary's/Duluth Clinic  UCare Minnesota  American Lung Association of WI  CareNorth Health System  Women's Health Center of Duluth, P.A.  Bayfield County Health Department  Miller-Dwan Medical Center	Hayward Area Memorial Hospital  Memorial Medical Center, Inc. (Ashland)  Lake Superior Community Health Center  Koochiching County Health Department  Sawyer County Health & Human Services  Itasca County Health and Human Services  Carlton County Public Health and Social Services  First Plan of Minnesota  Cook County Health Department
---	---

In addition to financial contributions, the above organizations and many other organizations in the Bridge to Health Collaborative contributed staff and in-kind resources to *Bridge to Health Survey 2000*.

# **BRIDGE TO HEALTH COLLABORATIVE**

## **LEADERSHIP TEAM**

<b>Bridge to Health Survey 2000</b>	<b>Bridge to Health Collaborative</b>
<p><i>Project Coordinator</i> Derryl Block University of Minnesota, School of Nursing</p>	<p><i>Steering Committee Co-Chairs</i> Wende Nelson Lake Superior Community Health Center</p>
<p><i>Technical Assistance</i> Ann Kinney Minnesota Department of Health Center for Health Statistics</p>	<p>Barbara Peickert Hayward Area Memorial Hospital</p>
<p><i>Project Facilitator</i> Mike Finch United Health Care University of Minnesota</p>	<p><i>Data Team Co-Chairs</i> Derryl Block University of Minnesota, School of Nursing</p>
<p><i>Project Consultant</i> Gayle Kelly</p>	<p>Larry Sundberg St. Louis County Department of Public Health and Long Term Medical Care</p>
<p><i>Project Assistant</i> Cindy Erickson</p>	<p><i>Tobacco Task Team Co-Chairs</i> Nancy Ojard First Plan of Minnesota</p>
<p><i>Communications Team</i> Peggy Maloney Miller-Dwan Medical Center</p>	<p>Larry Sundberg St. Louis County Public Health and Long Term Medical Care</p>
<p>Jenny Peterson St. Mary's/Duluth Clinic Health System</p>	<p><i>Alcohol Task Team Co-Chairs</i> Dave Davison A Positive Approach</p>
	<p>Jim Skoog St. Louis County Public Health and Long Term Medical Care</p>

# **BRIDGE TO HEALTH COLLABORATIVE MEMBERS**

## **Minnesota**

Aitkin County Health & Human Services, Aitkin  
Allina Foundation, Minneapolis  
American Cancer Society, Duluth  
American Heart Association, Duluth  
American Lung Association of MN, Duluth  
Arrowhead Agency on Aging, Duluth  
Arthritis Foundation of NE MN, Duluth  
Bay Area Health Center, Silver Bay  
Benedictine Health System, Duluth  
Blue Cross & Blue Shield of MN, Duluth  
Care North Health System, Duluth  
Carlton County Public Health, Cloquet  
Carlton-Cook-Lake-St. Louis Community Health Board, Duluth  
Cloquet Community Memorial Hospital, Cloquet  
Community Health Center, Two Harbors  
Cook County Health Department, Grand Marais  
Cook County North Shore Hospital & Care Center, Grand Marais  
Cook Hospital, Cook  
D.D. Davison, Mental Health Therapist, Duluth  
Deer River Healthcare Center, Deer River  
Denfeld Medical Center, Duluth  
Duluth Clinic – Aurora  
Duluth Clinic – Babbitt  
Duluth Clinic – Chisholm  
Duluth Clinic – Deer River  
Duluth Clinic – Ely  
Duluth Clinic – Eveleth  
Duluth Clinic – Floodwood  
Duluth Clinic – Hermantown  
Duluth Clinic – Hibbing  
Duluth Clinic – International Falls  
Duluth Clinic – Lakeside, Duluth  
Duluth Clinic – Remer  
Duluth Clinic – Sandstone  
Duluth Clinic – Tower  
Duluth Clinic – Virginia  
Duluth Clinic – Virginia West  
Duluth Clinic – West, Duluth  
Duluth Family Practice Center, Duluth  
Ely-Bloomenson Community Hospital & Nursing Home, Ely  
Fairview Regional Health Services, Hibbing  
Fairview University Medical Center – Mesabi  
Fairview Mesaba Clinics  
Fairview HealthLine  
First Plan of Minnesota, Duluth  
Grand Rapids Clinic, Grand Rapids  
Hibbing Family Medical Center, Hibbing  
Human Development Center, Duluth  
Itasca County Health & Human Services, Grand Rapids  
Itasca Medical Center C/NC Unit, Grand Rapids  
Kanabec County Public Health, Mora  
Kanabec Hospital, Mora  
Koochiching County Health Department, Int'l Falls  
Lake County Health Department, Two Harbors  
Lake Superior Community Health Center, Duluth  
Lake View Memorial Hospital, Two Harbors  
Laurentian Medical Clinic, Virginia  
Medica Health Plans, Minneapolis  
Mercy Hospital & Health Care Center, Moose Lake  
Miller Dwan Medical Center, Duluth  
Minnesota Department of Health, St. Paul  
Minnesota Rural Health School – Itasca, Grand Rapids  
Minnesota Rural Health School – UMD, Duluth  
Mount Royal Medical Center, Duluth  
Northern Itasca Health Care Center, Bigfork  
Northern Lakes Health Consortium, Duluth  
Northland Foundation, Duluth  
Northstar Physicians Duluth  
Orthopedic Associates of Duluth, PA, Duluth  
P.S. Rudie, M.D., & Associates, Ltd., Duluth  
Pine Area Medical Center, Sandstone  
Pine County Health & Human Services, Sandstone  
Polinsky Medical Rehabilitation Center, Duluth  
Proctor Family Medical Center, Proctor  
Range Mental Health Center, Inc., Virginia  
Riverwood Health Care Center, Aitkin  
Skyline Family Medical Center, Duluth  
St. Louis County Department of Health & Long Term Medical Care, Duluth  
St. Louis County Social Services Department, Duluth  
St. Luke's Hospital & Regional Trauma Center, Duluth  
St. Luke's Medical Clinic, Duluth  
St. Mary's/Duluth Clinic Health System, Duluth  
The Center for Personal Fitness, Duluth  
The College of St. Scholastica, Duluth  
Ucare Minnesota, St. Paul  
UMD Health Services, Duluth  
UMD Department of Health, Physical Education & Recreation, Duluth  
University of Minnesota School of Nursing, Duluth  
Virginia Regional Medical Center, Virginia  
White Community Hospital, Aurora  
Women's Health Center, P.A., Duluth  
YWCA, Duluth

## Wisconsin

American Lung Association of Wisconsin,  
Brookfield  
Ashland County Health Department, Ashland  
Bayfield County Health Department, Washburn  
Burnett County health & Human Services  
Department, Siren  
Chequamegon Clinic, Ashland  
Douglas County Health Department, Superior  
Duluth Clinic – Ashland  
Duluth Clinic – Hayward  
Duluth Clinic – Spooner  
Duluth Clinic – Superior East, Superior  
Duluth Clinic – Superior South, Superior

Hayward Area Memorial Hospital, Hayward  
Iron County Health Department, Hurley  
Mariner Medical Clinic, Superior  
Memorial Medical Center, Ashland  
North Woods Community Health Center, Minong  
Northern Wisconsin Area Health Education  
Center, Wausau  
Sawyer County health & Human Services,  
Hayward  
St. Mary's Hospital of Superior  
Washburn County Health Department, Spooner  
Wisconsin Division of Public Health, Rhinelander  
Wisconsin Division of Public Health, Madison

## Tribal Councils

Grand Portage Health Services, Grand Portage, Minnesota  
Lac Courte Oreilles Community Health Center, Hayward, Wisconsin  
St. Croix Tribal Health Department, Hertel, Wisconsin





# TABLE OF CONTENTS

	<u>Page</u>
I. <b>St. Louis County without Duluth Summary</b>	1
II. <b>Introduction</b>	3
Information Gap Motivates Ongoing, Local Data Collection	3
History of the Project	4
Focus of the Summary	4
III. <b>Methodology and Demographics</b>	5
Sample Design	5
Data Collection	6
Survey Response	6
Statistical Weighting of Data	6
Limitations of Findings	6
Guide to Interpreting Tables in This Report	7
Profile Measures in the Report	7
IV. <b>Results</b>	15
Chapter 1: Health Status	17
Chapter 2: Chronic Conditions – Physical Health	23
Chapter 3: Chronic Conditions – Mental Health	39
Chapter 4: Preventive Health Practices	47
Chapter 5: Preventive Screenings	57
Chapter 6: Injury Prevention and Violence	75
Chapter 7: Tobacco Use	85
Chapter 8: Alcohol Use	113
Chapter 9: Health Care Access	123
Chapter 10: Physical and Mental Health Component Summary Measures	143
APPENDIX- Bridge to Health Survey 2000 Questionnaire	147



# BRIDGE TO HEALTH SURVEY

## ST. LOUIS COUNTY without DULUTH SUMMARY

This report contains results from the Bridge to Health Survey 2000 specific to **St. Louis County without Duluth**. The Bridge to Health Survey represents a unique, collaborative effort among health care organizations in sixteen Northwestern Wisconsin and Northeastern Minnesota counties to better understand the health status of the region's population. The Bridge to Health Survey 2000 was conducted from November 1999 to February 2000. The introductory pages of this document are replicated from the regional summary report.

Due to the smaller sample sizes on which the county level analyses are based, this county summary report includes 95% confidence intervals for the results. Confidence interval ranges appear to the right of each summary statistic within the tables. The sample sizes for the county are shown in Table A.1.1 on the next page of this report.

The interpretation of a 95% confidence level is that there is a 95% probability that the true percentage for the population falls within the range of the confidence interval. In general, the smaller the sample size, the wider the confidence interval, which means the less precise the result. Because county level analyses are based on much smaller sample sizes, county level results are less precise than regional level results. When the level of analysis is the entire region the 95% confidence interval tend to have a range of the result plus or minus 1%. When the level of analysis is the entire county the 95% confidence interval tends to be the result plus or minus about 5.5%. Therefore, while the results for the county and the Bridge to Health region may at times be similar, the county level results have considerably less precision due to smaller sample sizes.

An example illustrates the above point. Suppose that at both the region and county level, 25% of the respondents answered "yes" to a certain question. The 95% confidence interval range for the region level result would be around 24%-26%, while the range for the county level result would be about 20%-30%.

The Bridge to Health Survey team decided not to show any result based on data for 30 or fewer respondents. In the tables in this report, "NA" is displayed whenever this occurs, and at the bottom of the table a footnote appears that reads "Results by demographic factors for this geographic area are not shown when cell size is 30 or less."

**TABLE A.1.1**  
**CHARACTERISTICS OF THE SAMPLE FOR ST. LOUIS COUNTY**  
**WITHOUT DULUTH**

**BRIDGE TO HEALTH SURVEY 2000**

Demographic Characteristics		<u>Unweighted Sample</u>		<u>Weighted Sample</u>	
		Frequency	Percent	Frequency	Percent
Overall Percent		309	100.0	309	100.0
Gender	Male	95	30.7	153	49.6
	Female	214	69.3	155	50.4
Age	18 to 34	50	16.2	69	22.4
	35 to 44	60	19.4	73	23.8
	45 to 54	70	22.7	56	18.2
	55 to 64	44	14.2	43	14.0
	65 to 74	52	16.8	35	11.2
	75 and older	30	9.7	32	10.3
Education <sup>1</sup>	Less than H.S.	29	9.4	26	8.5
	H.S. Graduate	95	30.9	96	31.2
	Some College	89	29.0	93	30.0
	Voc./Assoc. Degree	31	10.1	32	10.2
	College Graduate	63	20.5	62	20.1
Poverty Status <sup>2</sup>	Less than 200%	57	25.7	54	23.7
	200% or higher	165	74.3	173	76.3

<sup>1</sup> 0.6% were missing.

<sup>2</sup> 28.2% were missing.

## INTRODUCTION

The *Bridge to Health Survey 2000* was designed to gather population-based, health status data about adult residents in a sixteen-county region in Northeastern Minnesota and Northwestern Wisconsin (total population approximately 481,000). The goal of the survey was to provide information to enable communities to better understand the health and well-being of their residents. Such information is necessary for planning and evaluating health-related programs and services.

The impetus for the survey effort was a gap in *local* information on important indicators of health status. The *Bridge to Health Survey 2000* augments existing data to provide a more complete picture of the region's current health status.

The first *Bridge to Health Survey* was conducted in 1995 as a collaborative effort of 70 health-related organizations representing public health, tribal health services, hospitals, clinics and educational institutions. The *Bridge to Health Survey 2000* was also a collaborative endeavor, and by the fall of 2000 the Bridge to Health Collaborative had grown to include 118 members.

### INFORMATION GAP MOTIVATES ONGOING, LOCAL DATA COLLECTION

Existing data from state vital records indicated that heart disease, cancer, stroke, pulmonary disease and injuries are the primary causes of death in this region. However, there was an "information gap" concerning other critical indicators of health status. For example, information about health risk behaviors (e.g., smoking, seat belt use, substance abuse, diet, preventive screenings, etc.), disease prevalence and health care access was available at the state level from the Behavioral Risk Factor Surveillance System, but there was concern that state level data may not sufficiently represent rural areas such as Northeastern Minnesota and Northwestern Wisconsin. (This particular region is more sparsely populated and is demographically older than either state.) Since the sample size of the statewide surveys was too small to allow for analysis at the county or community level, local survey data collection was needed.

The desire for reliable, local data that would provide an accurate picture of a community's health status was thus the major impetus for health care organizations to collaborate on both the 1995 Survey and the *Bridge to Health Survey 2000*. Other factors that influenced local health organizations to participate in a region-wide survey process included:

- Desire to individually and collectively use survey results to address local health issues.
- Need for accurate local data to target health care resources more effectively.
- Desire to develop baseline data in order to measure changes in health status over time.
- Expectation that the process would encourage cooperation among local health organizations.
- Hope that the information would be a catalyst for creating healthier communities across the region.

## HISTORY OF THE PROJECT

In March 1995, health organizations from throughout Northeastern Minnesota and Northwestern Wisconsin gathered to explore the idea of working together to collect local information on the population's health status. The first *Bridge to Health Survey* was planned from March 1995 to October 1995, and data were collected October to December 1994. The *Bridge to Health Survey 2000* was planned between October 1998 and October 1999, and data were collected November 1999 to February 2000.

The process used was similar for both the 1995 and 2000 surveys. Three work groups were established to direct the survey process: 1) the Data Team determined the survey methodology, reviewed survey tools and designed a customized survey instrument; 2) the Communications Team was responsible for internal communications among project sponsors as well as external communications to the general public (e.g., media relations, newsletters and press conferences); and 3) the Steering Committee reviewed recommendations from both of the Teams and served as the final decision-making body.

In planning the *Bridge to Health Survey 2000*, results of the 1995 survey were reviewed to determine improvements that could be made. Many new questions related to tobacco use were incorporated into the 2000 survey in response to the Bridge to Health Collaborative's development of focused interventions to reduce tobacco use in the region. An attempt was made to keep the questions in the 2000 survey as consistent as possible with those in the 1995 survey to allow for monitoring change over time.

Evaluation of utilization of the *1995 Bridge to Health Survey* showed that the survey results were used extensively by Collaborative members to plan and gain funding for programs and services in the region (1). It is the intention of the Bridge to Health Collaborative that the rich data from the *Bridge to Health 2000 Survey* will be equally useful to the region.

## FOCUS OF THE SUMMARY REPORT

The *Bridge to Health Survey 2000 Summary Report* is intended to be a data resource book for the topics covered in the survey. Chapters are organized by topic area. Demographic and geographic differences in the survey findings are highlighted with bulleted text and figures. Some of the major themes that are recurrent in the findings include:

- Relationship of Poverty to Health Status and Health Risk Behaviors
- Health Status and Health Risk Behaviors of the Older Population
- Regional and Urban/Rural Differences in Health Risk Behaviors and Access to Care

## REFERENCE

1. Block D. Interorganizational collaborative health planning: Is the effort worth it? Paper presented at the American Public Health Association 128<sup>th</sup> Annual Meeting. Boston: 2000 November 13.

## METHODOLOGY AND DEMOGRAPHICS

The *Bridge to Health Survey 2000* data were collected through 6,251 computer-aided telephone interviews conducted by the Survey Research Center of the Division of Health Services Research and Policy located in the School of Public Health at the University of Minnesota. The Bridge to Health Collaborative decided to change from the mixed methodology used in 1995 (a self-administered mail-back survey with telephone follow-up of non-respondents) to an all-telephone data collection format for the 2000 survey. The decision to change to all-phone was based on a number of advantages of telephone over mail-back designs. These advantages included a higher level of quality control (e.g. questions are not accidentally skipped, and respondents are less likely to refuse to answer individual questions), generally higher response rates due to the ability to make many more attempts to contact respondents, and more rapid availability of the data due to simultaneous data entry.

A press release was sent to the regional media in order to notify the general public about the project and of the possibility of being contacted as a respondent. In addition, survey sponsors designed local efforts (such as radio interviews, television interviews and articles in local newspapers) to inform their communities of the importance of the project.

### Sample Design

As in 1995, the sample for the 2000 survey was designed with four goals in mind: 1) to provide data specific to the 16-county region as a whole, yet with sufficient sample size to detect small differences over time; 2) to allow for comparison of the Northeastern Minnesota region and the Northwestern Wisconsin region; 3) to allow for comparison of urban and rural respondents; and 4) to provide county level data with a sufficient level of statistical precision ( $\pm 5.7$  percentage points).

To accomplish the four goals, a disproportionate stratified sampling method was employed. Eighteen geographic strata were defined. St. Louis County, MN was split into two strata: the city of Duluth and the remainder of the county. Similarly, Douglas County, WI was split into two strata: the city of Superior and the remainder of the county. The remaining 14 counties each comprised one stratum.

The sample was designed to provide an approximately equal number of respondents in each stratum, with one exception. The city of Duluth was oversampled to provide a large enough number of respondents from the urban (i.e. Duluth/Superior) area to be able to detect statistically significant differences between the rural and urban regions.

The sampling frame consisted of households in the region with telephones. A random sample of households with telephones within each of the 18 strata was purchased from Genesys Sampling Systems, a division of Marketing Systems Group of Fort Washington, PA.



## **Data Collection**

One adult (age 18 and older) from each sampled household was selected to participate in the survey. To select the respondent, the person answering the telephone was asked to identify the adult in the household who had most recently had a birthday. This individual became the designated respondent. The interviews lasted an average of 15 minutes.

## **Survey Response**

In the *Bridge to Health Survey 2000*, 8,449 eligible households were contacted by phone between November 1999 and February 2000, with 6,251 interviews completed. The result was a response rate of 74.0%, a considerable improvement over the response rate obtained in the 1995 survey (64%).

## **Statistical Weighting of Data**

Statistical weighting of the Bridge to Health data was necessary due to the design of the sample. The weights account for differences in household size, differences in the size of the population in each of the 18 strata, and differences in response rates between men and women and people of different ages.

A four-step procedure was used to calculate the weights. The first step involved weighting the data by the inverse of the selection probability within the household (i.e. the number of adults age 18 and older living in the household).

The next step was to weight the data by the actual size of the adult population in each of the 18 strata divided by the number of respondents from each stratum. This step ensured that the data from each stratum counted toward the results for the region as a whole in the same proportion as the population from that stratum counted toward the population in the Bridge to Health region as a whole. Population data were obtained from 1998 U.S. Census estimates of population size (1).

The third step was to post-stratify the data based on the 1998 U.S. Census estimates of the age and gender distributions for adults within each of the eighteen strata (2,3). This accounted for any under-representation or over-representation within the data set by gender and/or age.

The last step was to divide the weights by a numeric constant, which forced the weighted total sample size to be equal to the total number of respondents in the sample.

There were 93 respondents who did not provide their age and/or the number of adults living in the household. Since this information was needed to calculate the weights, these respondents were dropped from the analyses used to produce this report, making the final sample size n=6,158.

## **Limitations of Findings**

There are several sources of bias that can affect data collected via survey. Some possible sources of bias include mode of administration (e.g. telephone), non-response, and factors related to the respondents.

The failure to include data from residents in the Bridge to Health region who did not have telephones is a potential source of bias because adults without phones may be different from adults who have phones. However, non-telephone bias was not expected to be large in the regional data overall, since according to 1990 U.S. Census data, 95% of all households in the Bridge to Health region had telephones (3).

Non-response may be another source of bias. For instance, some sampled households were not contacted, and some selected respondents were not interviewed. Additionally, some respondents refused to answer specific questions on the survey. Bias occurs if those who did not respond are somehow different than those who did respond.

Other potential sources of bias relate to differences among respondents in their interpretations of questions, honesty in answering, accuracy of recall and willingness to disclose information.

### **PROFILE MEASURES IN THE REPORT**

The tables of results incorporate a standard set of demographic and geographic comparisons including gender, gender by age, educational attainment, poverty status, urban and rural areas of residence and state geographic regions of residence (Northeastern Minnesota and Northwestern Wisconsin).

Many of these characteristics were associated with each other. For instance, respondents' poverty status was closely related to educational attainment and age. Results observed among respondents with less than a high school education relate very closely to those observed among the elderly, which is partly due to the older age of the respondents with less than a high school education. Additionally, almost one-half (47.4%) of respondents 65 years of age and older were classified as living at/or below 200% of poverty.

## **A. Gender and Age**

Results for all tables include a breakdown of results by gender with male and female respondents listed separately. Many topic areas covered in the Bridge to Health Survey have wide variation not only for gender and age but for the interaction of these two variables. Thus, a breakdown by age into seven categories (18 to 24, 25 to 34, 35 to 44, 45 to 54, 55 to 64, 65 to 74, and 75 years and older) appears for males and for females (Figure A.1).

## **B. Education**

Tables also include a breakdown by respondents' highest level of educational attainment. Highest level of educational attainment is categorized into five groups: less than a completed high school education; high school graduate; some college education; graduate from a vocational, trade, or associate degree program; or a bachelor's degree or higher level of education.

Educational attainment was inversely related to age except for the college degree level of education. Thus, respondents with less than a high school education were substantially older as a group than those with higher educational levels. This is displayed graphically in Figure A.2.

## **C. Poverty Status**

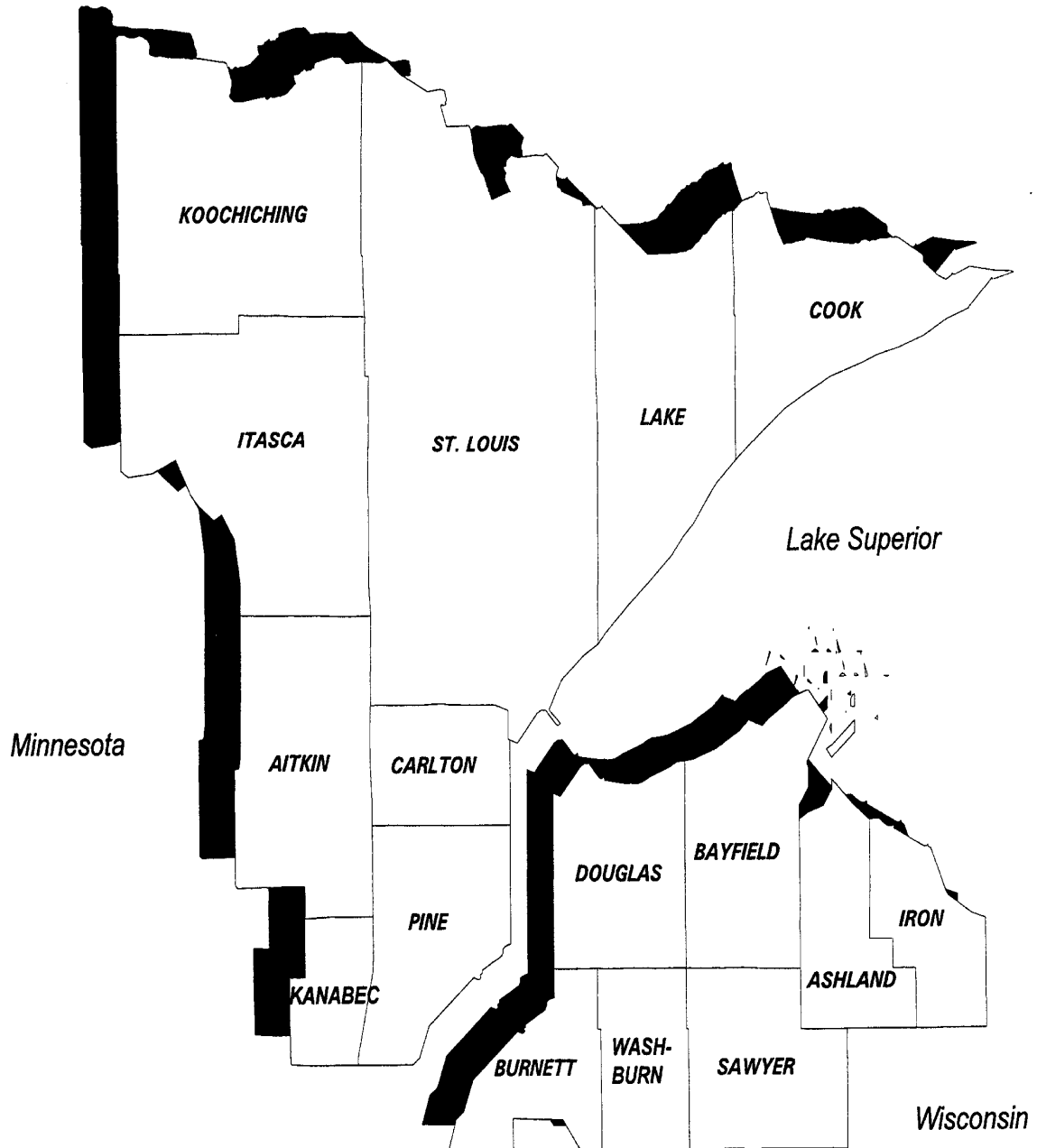
Poverty status was determined from respondents' household size and reported income. Respondents were asked to indicate the category of income that applied to their household for the last year. The income categories corresponded to percentages of the 1999 poverty guidelines set by the U.S. Department of Health and Human Services according to the number of people in the household. The tables in this report show two categories of poverty: 200% of poverty or less, and more than 200% of poverty. For example, a respondent with a household size of four with an income of \$33,400 was classified as living at or below 200% of poverty.

## **D. Geographic Area of Residence**

There are three reporting levels for this report based on geography (Map A.1). The first level is an overall region-wide summary that encompasses all 16 counties (made up of 18 geographic strata) in Northeastern Minnesota and Northwestern Wisconsin. The second level is an urban versus rural comparison where the Duluth and Superior area is compared to rural Northeastern Minnesota (excluding Duluth) and rural Northwestern Wisconsin (excluding Superior). The third level is a regional comparison of all of Northeastern Minnesota (including Duluth) with all of Northwestern Wisconsin (including Superior).

For all comparisons, findings that are summarized within each chapter reflect differences tested statistically significant at the .05 level. This means that the probability of the observed difference among the categories of demographic or geographic characteristics occurring by chance is less than 1 in 20. Statistical tests included one-way analysis of variance (ANOVA) and chi-square tests of independence.

**BRIDGE TO HEALTH SURVEY 2000 REGION**



## **E. Characteristics of the Sample Population (Table A.1) (Figures A.1-A.4)**

- Half of the respondents were male and half female (49.0% and 51.0%, respectively).
- Respondent age ranged from 18 to 99 years, with the mean age of 48.4 years, median age of 46.0 years and standard deviation of 17.9 years. The age and gender distribution of the sample is described in Figure A.1.
- The educational attainment of the sample was high, with only 8.9% having less than a high school education. Almost 3 out of 10 respondents had a vocational/associate degree or a college degree (10.7% and 18.4%, respectively) (Table A.1).
- The median age of those with less than a high school education was significantly higher than the median age of other educational groups (66.5 years vs. 44.0 to 47.0 years) (Figure A.2).
- Poverty status had a U-shaped relationship with age: respondents age 18 to 24 and those age 75 and older were more likely to have incomes at or below 200% of poverty than respondents in other age groups (Figure A.3).

Poverty was inversely related to educational attainment. Over half (56.6%) of respondents with less than a high school education had incomes at or below 200% of poverty, compared to 12.1% of respondents who were college graduates (Figure A.4).

## **COMPARING 1995 AND 2000 BRIDGE TO HEALTH SURVEY RESULTS**

Readers are encouraged to read the text carefully to note differences in the presentation of results or in question wording between the 1995 and 2000 Bridge to Health Survey results. While changes may be seen for some indicators between the 1995 and 2000 Bridge to Health Survey results, readers are strongly cautioned against interpreting such changes as trends.

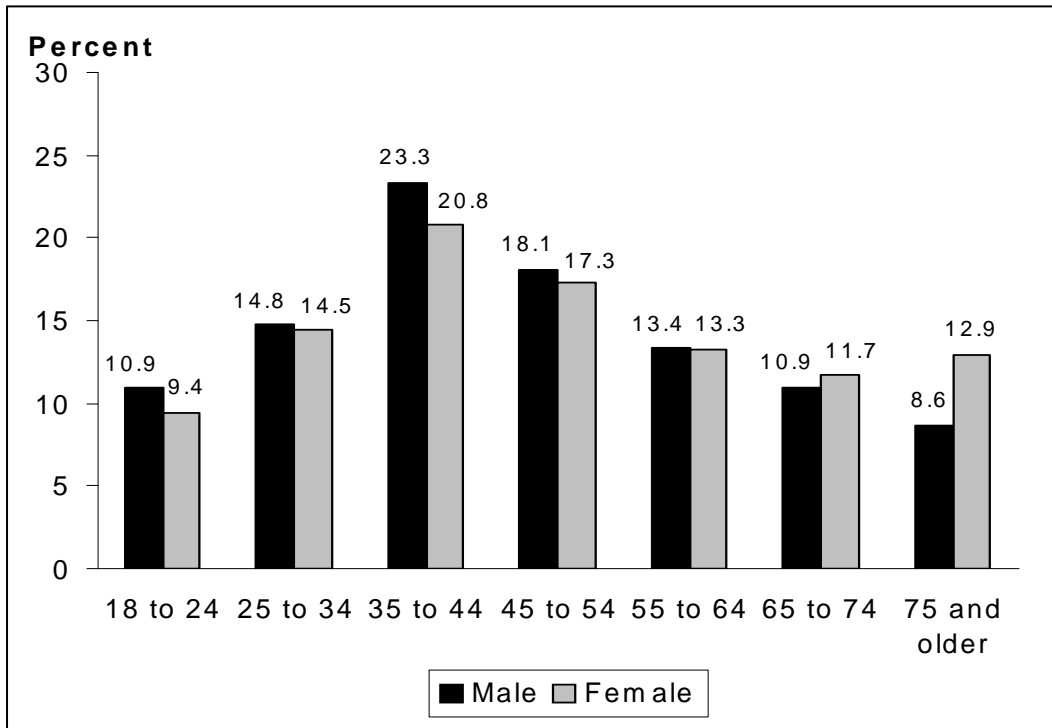
**TABLE A.1**  
**CHARACTERISTICS OF THE SAMPLE**  
 Bridge to Health Survey 2000  
 (n=6158)

Demographic Characteristics		Unweighted Sample		Weighted Sample	
		Frequency	Percent	Frequency	Percent
<b>Overall results</b>		<b>6158</b>	<b>100.0</b>	<b>6158</b>	<b>100.0</b>
<b>Gender</b>					
	Male	2275	36.9	3019	49.0
	Female	3883	63.1	3139	51.0
<b>Males by Age</b>					
	18 to 24	127	5.6	330	10.9
	25 to 34	258	11.3	448	14.8
	35 to 44	486	21.4	703	23.3
	45 to 54	552	24.3	545	18.1
	55 to 64	380	16.7	404	13.4
	65 to 74	303	13.3	328	10.9
	75 and older	169	7.4	261	8.6
<b>Females by Age</b>					
	18 to 24	140	3.6	296	9.4
	25 to 34	443	11.4	455	14.5
	35 to 44	767	19.8	654	20.8
	45 to 54	846	21.8	543	17.3
	55 to 64	602	15.5	417	13.3
	65 to 74	562	14.5	368	11.7
	75 and older	523	13.5	406	12.9
<b>Education<sup>1</sup></b>					
	Less than H.S.	567	9.2	550	8.9
	H.S. Graduate	2216	36.0	2158	35.1
	Some College	1532	24.9	1652	26.9
	Voc./Assoc.	707	11.4	657	10.7
	College Graduate	1135	18.4	1133	18.4
<b>Poverty Status<sup>2</sup></b>					
	200% or less	1602	33.8	1467	31.3
	More than 200%	3132	66.2	3220	68.7
<b>Urban/Rural</b>					
	Duluth/Superior	1398	22.7	1410	22.9
	Rural NE	2686	43.6	3456	56.1
	Rural NW	2074	33.7	1292	21.0
<b>Region</b>					
	NE Minnesota	3787	61.5	4532	73.6
	NW Wisconsin	2371	38.5	1626	26.4

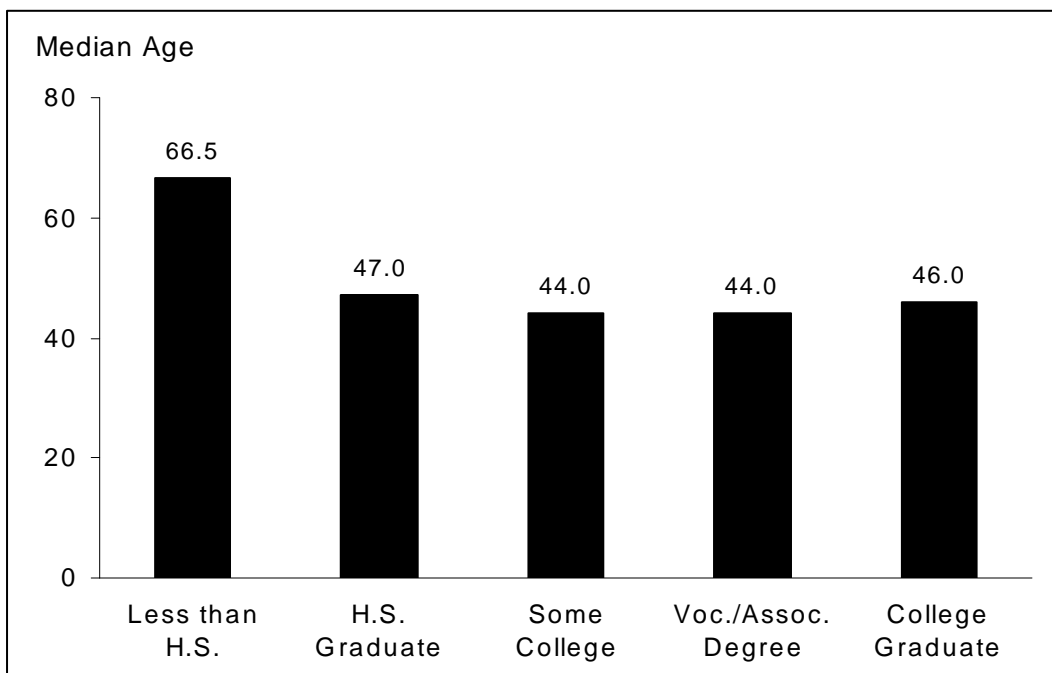
<sup>1</sup> 0.1% were missing.

<sup>2</sup> 23.1% were missing.

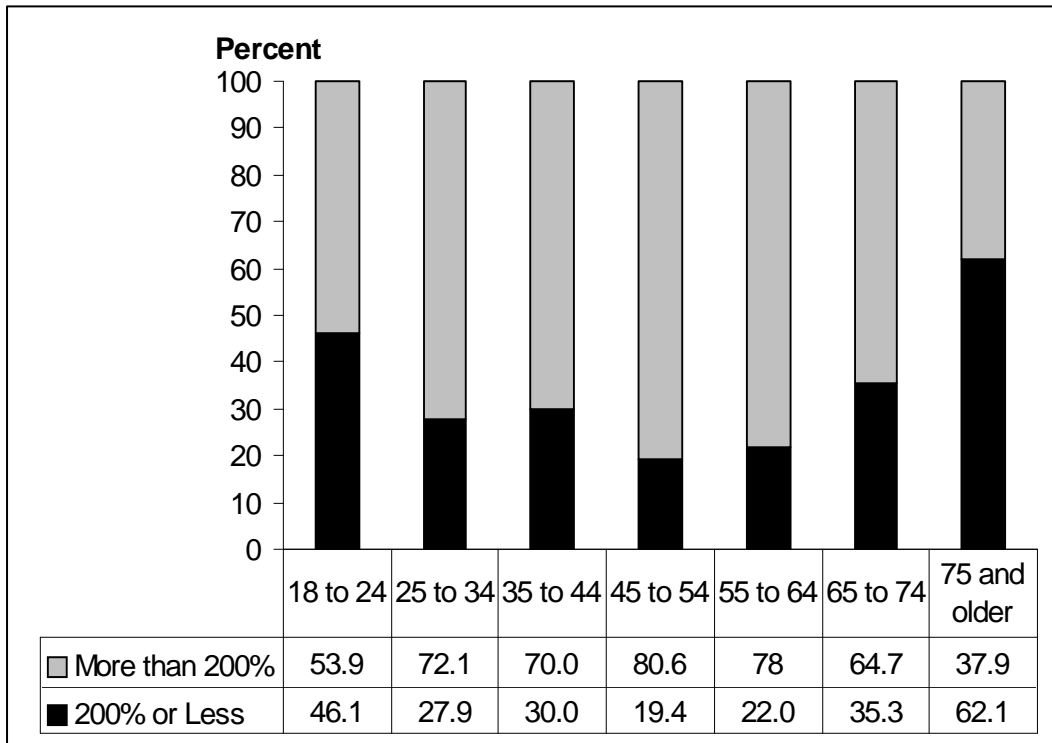
**Figure A.1 Age and Gender Distribution of Sample**



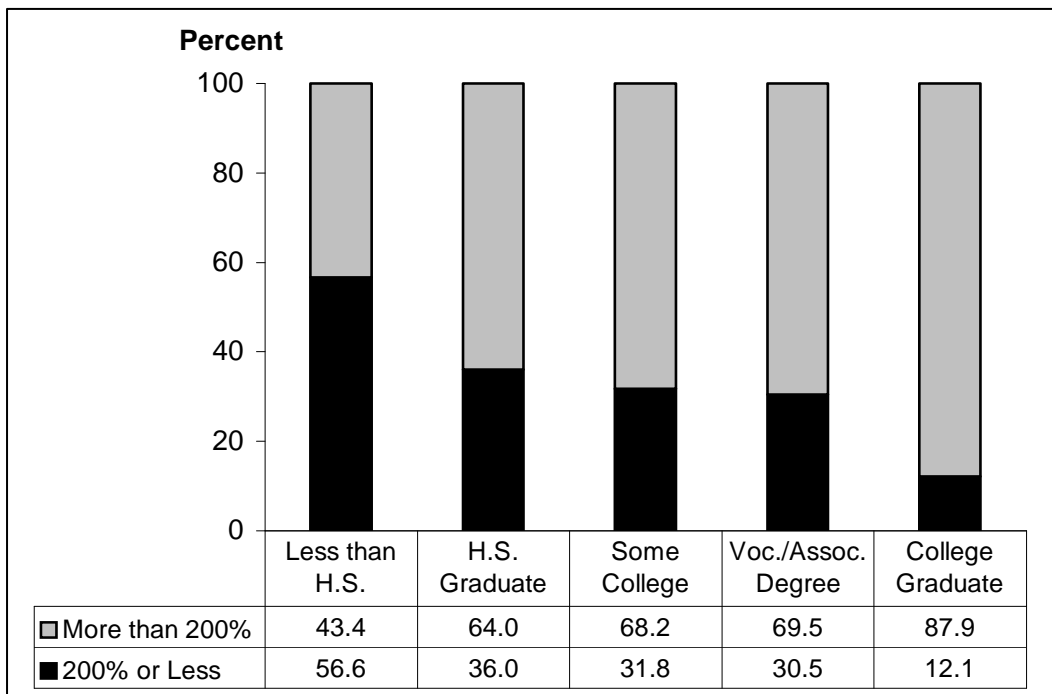
**Figure A.2 Median Age by Educational Attainment**



**Figure A.3 Poverty Status by Age**



**Figure A.4 Educational Attainment by Poverty Status**





## REFERENCES

1. U.S. Census Bureau, Population Estimates Program. Population estimates for counties by age and sex: annual time series July 1990 to July 1999. Washington D.C.: U.S. Census Bureau, 2000. Available at [http://www.census.gov/population/estimates/county/cas/ \(cas 27 and 55\)](http://www.census.gov/population/estimates/county/cas/ (cas 27 and 55).). Accessed 2000 Apr 19.
2. U.S. Census Bureau. 1990 census lookup:1990 census summary tape file 1A. Washington D.C.: U.S. Census Bureau; 2000. Available at <http://venus.census.gov/cdrom/lookup.> Accessed 2000 May 12.
3. U.S. Census Bureau. 1990 census lookup: 1990 census summary tape file 3A. Washington D.C.: U.S. Census Bureau; 2000. Available at <http://venus.census.gov/cdrom/lookup.> Accessed 2000 May 12.

***BRIDGE TO HEALTH***  
***SURVEY 2000***  
***RESULTS***

***St. Louis County***  
***Without Duluth***



# **Chapter 1**

## **HEALTH STATUS**

**A. Perceived Health Status**

**B. Perceived Health Status Compared to  
Others of the Same Age**



**TABLE 1.1.A**  
**PERCEIVED HEALTH STATUS**  
**PERCENT EXCELLENT**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In general, would you say your health is excellent, very good, good, fair or poor?

Demographic Characteristics		Region n=6132		NE MN Region n=3769		St. Louis without Duluth <sup>1</sup> n=307	
<b>Overall Percent</b>		<b>23.3%</b>	<b>(22.2-24.3)</b>	<b>23.7%</b>	<b>(22.3-25.0)</b>	<b>23.5%</b>	<b>(18.6-28.1)</b>
Gender	Male	24.8	(23.3-26.3)	24.4	(22.4-26.4)	20.1	(13.7-26.6)
	Female	21.8	(20.3-23.2)	22.9	(21.1-24.8)	26.5	(19.5-33.6)
Age	18 to 34	30.8	(28.5-33.1)	29.8	(26.9-32.7)	32.0	(20.7-43.3)
	35 to 44	27.9	(25.6-30.3)	29.5	(26.5-32.6)	24.9	(14.8-35.0)
	45 to 54	24.1	(21.6-26.7)	23.9	(20.7-27.2)	23.4	(12.0-34.9)
	55 to 64	21.0	(18.2-23.8)	21.5	(17.9-25.1)	22.8	(9.8-35.9)
	65 to 74	11.3	(9.0-13.7)	11.8	(8.7-14.8)	8.9	(-1.1-18.9)
	75 and older	10.0	(7.7-12.3)	11.8	(8.6-15.0)	17.1	(3.1-21.3)
Education	Less than H.S.	12.7	(9.9-15.5)	12.3	(8.8-15.8)	NA <sup>1</sup>	
	H.S. Graduate	20.0	(18.4-21.8)	20.5	(18.3-22.7)	21.2	(12.9-29.6)
	Some College	23.0	(20.9-25.0)	23.1	(20.5-25.7)	27.3	(18.0-36.5)
	Voc./Assoc. Degree	25.6	(22.3-29.0)	25.7	(21.4-30.1)	16.2	(2.6-29.8)
	College Graduate	33.6	(30.8-36.3)	34.2	(30.7-37.6)	24.9	(13.8-36.0)
Poverty Status	Less than 200%	15.0	(13.1-16.8)	13.7	(11.4-16.0)	11.0	(2.4-19.7)
	200% or higher	27.9	(26.4-29.5)	28.6	(26.6-30.6)	27.2	(20.5-33.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 1.1.B**  
**PERCEIVED HEALTH STATUS**  
**PERCENT FAIR/POOR**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In general, would you say your health is excellent, very good, good, fair or poor?

Demographic Characteristics		Region n=6132	NE MN Region n=3769	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>14.1%</b> (13.3-15.0)	<b>13.9%</b> (12.8-15.0)	<b>13.7%</b> (9.7-17.3)
Gender	Male	14.4 (13.1-15.7)	14.0 (12.4-15.6)	14.7 (9.1-20.4)
	Female	13.9 (12.6-15.1)	13.8 (12.2-15.3)	12.3 (7.0-17.5)
Age	18 to 34	5.3 (4.2-6.4)	4.8 (3.5-6.2)	1.1 (-1.4-3.6)
	35 to 44	9.6 (8.0-11.2)	9.2 (7.3-11.2)	10.1 (3.1-17.2)
	45 to 54	11.1 (9.2-12.9)	11.1 (8.7-13.4)	6.4 (-0.2-13.0)
	55 to 64	19.1 (16.4-21.8)	18.7 (15.2-22.1)	21.5 (8.7-34.3)
	65 to 74	25.5 (22.2-28.7)	26.8 (22.6-31.0)	27.8 (12.1-43.5)
	75 and older	31.1 (27.5-34.6)	30.0 (25.5-27.8)	35.0 (17.1-52.8)
Education	Less than H.S.	31.5 (27.6-35.4)	30.0 (25.1-34.9)	NA <sup>1</sup>
	H.S. Graduate	16.9 (15.3-18.5)	17.1 (15.1-19.2)	18.2 (10.3-26.0)
	Some College	11.1 (9.6-12.6)	11.1 (9.2-13.0)	14.6 (7.2-21.9)
	Voc./Assoc. Degree	13.7 (11.1-16.3)	13.7 (10.3-17.2)	16.5 (2.8-30.2)
	College Graduate	5.1 (3.9-6.4)	4.6 (3.0-6.1)	2.1 (-1.6-5.8)
Poverty Status	Less than 200%	24.0 (21.8-26.2)	24.1 (21.2-26.9)	29.6 (17.0-42.2)
	200% or higher	8.9 (7.9-9.1)	8.8 (7.5-10.0)	8.0 (3.9-12.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 1.2.A**  
**PERCEIVED HEALTH STATUS**  
**COMPARED TO OTHERS OF SAME AGE: EXCELLENT**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Compared to others your age, would you say that your health is excellent, very good, good, fair or poor?

Demographic Characteristics		Region n=6088	NE MN Region n=3740	St. Louis without Duluth <sup>1</sup> n=303
<b>Overall Percent</b>		<b>22.3%</b> (21.3-23.3)	<b>22.6%</b> (21.2-23.9)	<b>22.4%</b> (17.8-27.2)
Gender	Male	23.7 (22.2-25.3)	23.6 (21.6-25.5)	21.3 (14.7-27.9)
	Female	20.9 (19.5-22.3)	21.6 (19.8-23.5)	23.7 (16.9-30.6)
Age	18 to 34	25.2 (23.0-27.43)	24.4 (21.7-27.2)	24.4 (14.1-34.8)
	35 to 44	23.9 (21.7-26.2)	25.5 (22.5-28.4)	21.3 (11.6-30.9)
	45 to 54	23.3 (20.7-25.8)	22.5 (19.3-25.7)	22.7 (11.4-34.1)
	55 to 64	24.5 (21.5-27.5)	25.4 (21.5-29.2)	28.3 (14.3-42.3)
	65 to 74	14.9 (12.2-17.5)	14.5 (11.1-17.9)	12.2 (0.3-24.0)
	75 and older	15.4 (12.6-18.2)	17.1 (13.4-20.9)	23.6 (7.7-39.5)
Education	Less than H.S.	13.5 (10.7-16.5)	13.9 (10.2-17.7)	NA <sup>1</sup>
	H.S. Graduate	18.4 (16.7-20.0)	18.4 (16.2-20.5)	16.4 (8.7-24.1)
	Some College	21.0 (19.0-23.0)	20.7 (18.2-23.2)	23.7 (14.9-32.6)
	Voc./Assoc. Degree	26.1 (22.7-29.5)	25.4 (21.0-29.8)	NA <sup>1</sup>
	College Graduate	33.7 (30.9-36.4)	35.1 (31.6-38.5)	30.8 (19.0-42.6)
Poverty Status	Less than 200%	14.0 (12.2-15.8)	12.9 (10.6-15.1)	10.5 (1.9-19.1)
	200% or higher	26.7 (25.1-28.2)	26.8 (24.9-28.8)	24.2 (17.7-30.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 1.2.B**  
**PERCEIVED HEALTH STATUS**  
**COMPARED TO OTHERS OF SAME AGE: FAIR/POOR**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Compared to others your age, would you say that your health is excellent, very good, good, fair or poor?

Demographic Characteristics		Region n=6088	NE MN Region n=3738	St. Louis without Duluth <sup>1</sup> n=304
<b>Overall Percent</b>		<b>12.9%</b> (12.1-13.8)	<b>12.6%</b> (11.5-13.7)	<b>12.8%</b> (9.0-16.6)
Gender	Male	13.5 (12.3-14.7)	13.2 (11.6-14.7)	14.7 (9.0-20.4)
	Female	12.4 (11.2-13.5)	12.1 (10.6-13.5)	11.0 (6.0-16.0)
Age	18 to 34	7.4 (6.0-8.7)	6.5 (4.9-8.0)	2.2 (-1.3-5.8)
	35 to 44	11.0 (9.4-12.7)	10.8 (8.7-12.9)	12.4 (4.6-20.2)
	45 to 54	11.1 (9.2-13.0)	10.9 (8.5-13.3)	7.9 (0.6-15.3)
	55 to 64	17.3 (14.7-19.9)	17.2 (13.8-20.5)	20.7 (8.1-33.3)
	65 to 74	18.7 (15.8-21.7)	19.5 (15.7-23.3)	19.9 (5.4-34.3)
	75 and older	21.5 (18.3-24.7)	20.9 (16.9-24.9)	28.0 (11.2-44.8)
Education	Less than H.S.	24.1 (20.4-27.6)	23.4 (18.8-27.9)	NA <sup>1</sup>
	H.S. Graduate	14.6 (13.1-16.1)	14.4 (12.4-16.3)	15.8 (8.2-23.3)
	Some College	11.7 (10.1-13.2)	11.5 (9.6-13.5)	13.6 (6.5-20.7)
	Voc./Assoc. Degree	12.4 (9.9-15.0)	12.8 (9.4-16.1)	NA <sup>1</sup>
	College Graduate	6.7 (5.3-8.2)	6.1 (4.4-7.9)	6.9 (0.4-13.3)
Poverty Status	Less than 200%	20.7 (18.6-22.8)	20.5 (17.8-23.2)	26.5 (14.1-38.8)
	200% or higher	9.0 (8.0-10.0)	8.8 (7.5-10.0)	8.7 (4.4-13.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

# **Chapter 2**

## **CHRONIC CONDITIONS – PHYSICAL HEALTH**



**TABLE 2.1.A**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**ALLERGIES**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6141	NE MN Region n=3778	St. Louis without Duluth <sup>1</sup> n=308
Overall Percent		17.4% (16.5-18.4)	16.5% (15.4-17.7)	16.9% (12.6-20.9)
Gender	Male	13.8 (12.6-15.0)	13.1 (11.5-14.6)	13.5 (8.0-18.9)
	Female	20.9 (19.4-22.3)	19.9 (18.1-21.7)	20.0 (13.6-26.3)
Age	18 to 34	16.6 (14.7-18.5)	14.9 (12.6-17.2)	14.7 (6.1-23.2)
	35 to 44	18.1 (16.1-20.2)	17.0 (14.5-19.5)	20.5 (11.1-30.0)
	45 to 54	17.9 (15.6-20.1)	17.2 (14.3-20.1)	19.2 (8.6-29.8)
	55 to 64	18.2 (15.5-20.8)	18.0 (14.6-21.3)	16.3 (4.8-27.8)
	65 to 74	17.2 (14.3-20.0)	17.4 (13.8-21.0)	22.0 (7.5-36.5)
	75 and older	16.3 (13.5-19.1)	15.7 (12.1-19.2)	3.1 (-3.3-9.5)
Education	Less than H.S.	15.3 (12.2-18.3)	13.9 (10.2-17.5)	NA <sup>1</sup>
	H.S. Graduate	16.1 (14.6-17.7)	15.7 (13.7-17.7)	15.6 (8.2-23.0)
	Some College	19.3 (17.5-21.3)	18.8 (16.4-21.2)	22.3 (13.7-30.9)
	Voc./Assoc. Degree	18.1 (15.1-21.1)	17.9 (14.1-21.8)	17.2 (3.2-31.1)
	College Graduate	17.6 (15.4-19.8)	15.6 (13.0-18.2)	14.2 (5.3-23.2)
Poverty Status	Less than 200%	16.3 (14.5-18.3)	15.1 (12.7-17.4)	11.6 (2.8-20.5)
	200% or higher	17.1 (15.8-18.4)	16.0 (14.4-17.6)	17.0 (11.3-22.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.B**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**ASTHMA**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6139	NE MN Region n=3773	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>6.4%</b> (5.7-7.0)	<b>6.2%</b> (5.4-7.0)	<b>7.1%</b> (4.2-9.9)
Gender	Male	4.4 (3.6-5.1)	4.2 (3.2-5.1)	4.3 (1.1-7.6)
	Female	8.3 (7.3-9.2)	8.1 (6.9-9.3)	9.7 (5.0-14.4)
Age	18 to 34	6.9 (5.7-8.2)	6.5 (4.9-8.1)	7.5 (1.1-13.9)
	35 to 44	6.4 (5.0-7.7)	5.9 (4.3-7.5)	6.8 (0.9-12.8)
	45 to 54	5.6 (4.2-7.0)	5.6 (3.8-7.4)	6.7 (0.0-13.4)
	55 to 64	6.3 (4.7-8.0)	6.3 (4.1-8.4)	5.2 (-1.7-12.2)
	65 to 74	7.6 (5.6-9.5)	8.7 (6.0-11.4)	11.5 (0.3-22.7)
	75 and older	5.0 (3.4-6.7)	4.2 (2.2-6.1)	4.7 (-3.0-12.5)
Education	Less than H.S.	8.5 (6.1-10.7)	8.8 (5.8-11.8)	NA <sup>1</sup>
	H.S. Graduate	6.1 (5.1-7.1)	5.8 (4.5-7.0)	7.4 (2.1-12.8)
	Some College	6.6 (5.4-7.8)	6.6 (5.1-8.1)	7.0 (1.7-12.3)
	Voc./Assoc. Degree	8.1 (6.0-10.2)	8.3 (5.6-11.1)	14.4 (1.4-27.3)
	College Graduate	4.6 (3.3-5.8)	4.0 (2.6-5.4)	4.1 (-1.0-9.2)
Poverty Status	Less than 200%	9.3 (7.8-10.8)	8.8 (6.9-10.6)	14.5 (4.8-24.3)
	200% or higher	5.1 (4.4-5.9)	5.0 (4.1-6.0)	4.8 (1.6-8.1)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.C**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**BACK PROBLEMS**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6151	NE MN Region n=3781	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>22.4%</b> (21.3-23.4)	<b>21.7%</b> (20.4-23.0)	<b>19.8%</b> (15.4-24.3)
Gender	Male	20.8 (19.4-22.3)	19.5 (17.7-21.4)	17.6 (11.5-23.7)
	Female	23.9 (22.3-25.3)	23.8 (21.9-25.7)	22.1 (15.5-28.7)
Age	18 to 34	12.3 (10.6-13.9)	11.3 (9.3-13.3)	5.0 (-0.3-10.2)
	35 to 44	20.6 (18.5-22.8)	20.2 (17.5-22.9)	17.1 (8.3-25.9)
	45 to 54	24.8 (22.2-27.4)	24.6 (21.4-27.9)	23.5 (12.1-34.9)
	55 to 64	27.7 (24.7-30.8)	26.6 (22.7-30.4)	26.0 (12.4-39.6)
	65 to 74	30.5 (27.1-34.0)	30.8 (26.4-35.2)	35.6 (18.8-52.4)
	75 and older	30.0 (26.6-33.5)	28.4 (24.0-32.8)	27.1 (10.8-43.4)
Education	Less than H.S.	31.4 (27.5-35.3)	30.4 (25.5-35.3)	NA <sup>1</sup>
	H.S. Graduate	24.7 (22.9-26.6)	25.1 (22.7-27.5)	24.8 (16.0-33.6)
	Some College	20.1 (18.1-22.0)	18.1 (15.8-20.5)	14.1 (6.9-21.3)
	Voc./Assoc. Degree	20.5 (17.5-23.7)	18.7 (14.8-22.6)	17.0 (3.1-30.9)
	College Graduate	18.0 (15.7-20.2)	18.3 (15.5-21.1)	23.2 (12.4-34.1)
Poverty Status	Less than 200%	27.0 (24.7-29.2)	25.6 (22.7-28.5)	23.8 (12.0-35.5)
	200% or higher	19.6 (18.2-21.0)	19.1 (17.4-20.8)	18.2 (12.4-24.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.D**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**CANCER**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6144		NE MN Region n=3779		St. Louis without Duluth <sup>1</sup> n=309	
<b>Overall Percent</b>		<b>3.6%</b>	<b>(3.1-4.0)</b>	<b>3.6%</b>	<b>(3.0-4.2)</b>	<b>3.9%</b>	<b>(1.5-5.7)</b>
Gender	Male	3.2	(2.6-3.9)	3.3	(2.5-4.1)	3.6	(0.6-6.6)
	Female	3.9	(3.2-4.6)	3.8	(3.0-4.7)	3.6	(0.6-6.5)
Age	18 to 34	0.5	(0.2-0.9)	0.6	(0.1-1.2)	1.1	(-1.4-3.6)
	35 to 44	0.7	(0.2-1.1)	0.6	(0.1-1.2)	0.0	
	45 to 54	2.3	(1.4-3.2)	1.9	(0.8-2.9)	0.5	(-1.4-2.3)
	55 to 64	3.1	(1.9-4.3)	2.2	(0.9-3.5)	0.0	
	65 to 74	9.0	(6.8-11.1)	8.5	(5.9-11.2)	8.0	(-1.5-17.6)
	75 and older	13.6	(10.9-16.2)	15.7	(12.1-19.2)	22.9	(7.5-38.3)
Education	Less than H.S.	6.5	(4.5-8.7)	6.2	(3.7-8.8)	NA <sup>1</sup>	
	H.S. Graduate	3.5	(2.8-4.3)	3.8	(2.7-4.8)	5.1	(0.6-9.6)
	Some College	2.7	(1.9-3.5)	2.4	(1.4-3.3)	2.2	(-0.8-5.3)
	Voc./Assoc. Degree	2.7	(1.5-4.1)	2.8	(1.2-4.5)	1.9	(-3.1-6.9)
	College Graduate	3.9	(2.8-5.0)	4.0	(2.6-5.4)	5.2	(-0.5-11.0)
Poverty Status	Less than 200%	4.5	(3.5-5.6)	4.7	(3.3-6.1)	2.8	(-1.8-7.4)
	200% or higher	2.6	(2.0-3.1)	2.5	(1.8-3.2)	1.7	(-0.2-3.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.E**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**DIABETES**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6151	NE MN Region n=3783	St. Louis without Duluth <sup>1</sup> n=308
Overall Percent		6.0% (5.4-6.6)	6.2% (5.4-7.0)	6.2% (3.6-9.1)
Gender	Male	5.9 (5.1-6.8)	6.2 (5.1-7.3)	6.1 (2.2-9.9)
	Female	6.0 (5.2-6.9)	6.2 (5.1-7.3)	6.6 (2.6-10.5)
Age	18 to 34	1.1 (0.6-1.6)	1.2 (0.5-1.9)	0.0
	35 to 44	1.1 (0.5-1.6)	1.0 (0.3-1.6)	0.0
	45 to 54	5.0 (3.7-6.3)	5.2 (3.6-6.9)	2.3 (-1.7-6.4)
	55 to 64	8.2 (6.3-10.1)	7.8 (5.4-10.1)	9.2 (0.2-18.2)
	65 to 74	14.3 (11.7-16.9)	16.6 (13.1-20.2)	21.6 (7.2-36.1)
	75 and older	17.2 (14.3-20.1)	17.1 (13.4-20.8)	21.1 (6.1-36.0)
Education	Less than H.S.	10.4 (7.9-13.0)	10.5 (7.3-13.8)	NA <sup>1</sup>
	H.S. Graduate	7.1 (6.1-8.3)	8.3 (6.8-9.8)	11.4 (5.0-17.9)
	Some College	5.4 (4.3-6.5)	5.1 (3.8-6.5)	4.6 (0.2-8.9)
	Voc./Assoc. Degree	4.7 (3.1-6.4)	4.9 (2.8-7.1)	8.5 (-1.8-18.8)
	College Graduate	2.7 (1.8-3.7)	2.2 (1.2-3.3)	0.0
Poverty Status	Less than 200%	6.9 (5.6-8.2)	7.5 (5.7-9.3)	4.4 (-1.3-10.1)
	200% or higher	4.6 (3.8-5.3)	4.5 (3.6-5.4)	6.2 (2.6-9.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 2.1.F**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**DIGESTIVE DISORDER (CHRONIC)**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6146	NE MN Region n=3779	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>4.0%</b> (3.5-4.5)	<b>3.8%</b> (3.2-4.5)	<b>2.9%</b> (1.0-4.7)
Gender	Male	3.0 (2.4-3.6)	2.8 (2.0-3.5)	2.5 (0.0-4.9)
	Female	5.0 (4.2-5.7)	4.9 (3.9-5.8)	3.2 (0.4-5.9)
Age	18 to 34	1.7 (1.1-2.4)	1.9 (1.1-2.8)	1.1 (-1.4-3.6)
	35 to 44	3.2 (2.3-4.2)	2.8 (1.7-3.9)	4.5 (0.4-9.3)
	45 to 54	3.6 (2.5-4.7)	3.4 (2.0-4.7)	2.4 (-1.7-6.5)
	55 to 64	4.3 (2.9-5.7)	4.3 (2.5-6.1)	1.6 (-2.2-5.5)
	65 to 74	7.4 (5.4-9.3)	6.1 (3.8-8.3)	1.7 (-2.8-6.3)
	75 and older	7.4 (5.4-9.4)	8.2 (5.5-10.9)	6.3 (-2.6-15.2)
Education	Less than H.S.	5.5 (3.5-7.3)	4.5 (2.3-6.7)	NA <sup>1</sup>
	H.S. Graduate	4.6 (3.7-5.5)	4.4 (3.3-5.5)	5.1 (0.6-9.5)
	Some College	4.7 (3.7-5.8)	4.7 (3.4-6.0)	2.9 (-0.6-6.4)
	Voc./Assoc. Degree	3.2 (1.9-4.6)	3.4 (1.6-5.2)	1.9 (-3.1-6.9)
	College Graduate	1.6 (0.9-2.4)	1.7 (0.7-2.6)	0.0
Poverty Status	Less than 200%	5.4 (4.2-6.5)	5.5 (4.0-7.0)	4.1 (-1.4-9.5)
	200% or higher	3.5 (2.9-4.1)	3.3 (2.5-4.1)	2.7 (0.2-5.1)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.G**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**HEADACHES (CHRONIC)**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6155	NE MN Region n=3784	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>8.5%</b> (7.8-9.2)	<b>8.2%</b> (7.3-9.1)	<b>6.2%</b> (3.5-9.0)
Gender	Male	4.9 (4.1-5.7)	5.5 (4.4-6.5)	2.2 (-0.2-4.5)
	Female	11.9 (10.7-13.0)	10.9 (9.5-12.3)	10.3 (5.4-15.1)
Age	18 to 34	8.7 (7.3-10.1)	8.0 (6.3-9.8)	4.4 (-0.5-9.4)
	35 to 44	9.3 (7.7-10.8)	9.5 (7.5-11.4)	7.0 (1.0-12.9)
	45 to 54	9.6 (7.9-11.4)	9.5 (7.2-11.7)	10.8 (2.5-19.2)
	55 to 64	7.8 (6.0-9.6)	7.5 (5.2-9.8)	4.0 (-2.1-10.0)
	65 to 74	7.1 (5.2-9.0)	7.0 (4.6-9.4)	5.2 (-2.6-13.0)
	75 and older	6.7 (4.8-8.6)	6.1 (3.8-8.5)	4.7 (-3.1-12.5)
Education	Less than H.S.	11.5 (8.9-14.2)	12.0 (8.5-15.4)	NA <sup>1</sup>
	H.S. Graduate	8.4 (7.2-9.6)	8.2 (6.7-9.7)	4.1 (0.0-8.2)
	Some College	9.0 (7.6-10.4)	8.2 (6.5-9.9)	7.5 (2.1-13.0)
	Voc./Assoc. Degree	10.0 (7.8-12.4)	10.7 (7.6-13.8)	7.3 (-2.3-17.0)
	College Graduate	5.3 (4.0-6.6)	5.2 (3.6-6.8)	7.3 (0.6-14.0)
Poverty Status	Less than 200%	11.1 (9.5-12.7)	10.7 (8.6-12.7)	2.8 (-1.8-7.4)
	200% or higher	7.4 (6.5-8.3)	7.3 (6.2-8.4)	8.5 (4.3-12.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.H**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**HEART TROUBLE OR ANGINA**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6142	NE MN Region n=3775	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>9.0%</b> (8.2-9.7)	<b>8.8%</b> (7.9-9.7)	<b>7.8%</b> (4.8-10.8)
Gender	Male	10.1 (9.1-11.2)	10.1 (8.7-11.5)	9.3 (4.7-14.0)
	Female	7.8 (6.9-8.7)	7.6 (6.4-8.7)	6.2 (2.4-10.1)
Age	18 to 34	0.8 (0.3-1.2)	0.4 (0.0-0.8)	0.0
	35 to 44	3.0 (2.1-3.9)	2.7 (1.6-3.8)	3.9 (-0.6-8.4)
	45 to 54	5.2 (3.9-6.5)	5.2 (3.5-6.9)	4.8 (-1.0-10.5)
	55 to 64	13.9 (11.5-16.3)	13.9 (10.8-16.9)	10.8 (1.1-20.4)
	65 to 74	23.2 (19.9-26.2)	25.0 (20.9-29.2)	27.3 (11.4-43.3)
	75 and older	25.3 (22.0-28.6)	23.6 (19.5-27.8)	14.3 (1.5-27.2)
Education	Less than H.S.	19.5 (16.2-22.8)	20.5 (16.2-24.8)	NA <sup>1</sup>
	H.S. Graduate	10.4 (9.2-11.7)	10.5 (8.8-12.2)	9.9 (3.8-15.9)
	Some College	6.6 (5.4-7.8)	6.0 (4.5-7.5)	6.1 (1.1-11.1)
	Voc./Assoc. Degree	6.4 (4.5-8.2)	6.2 (3.8-8.7)	6.4 (-2.6-15.5)
	College Graduate	6.0 (4.6-7.4)	5.6 (3.9-7.3)	4.7 (-0.8-10.2)
Poverty Status	Less than 200%	10.2 (8.7-11.8)	10.1 (8.1-12.1)	6.0 (-0.6-12.5)
	200% or higher	7.0 (6.1-7.9)	6.8 (5.7-7.9)	5.9 (2.3-9.4)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.I**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**HIGH BLOOD PRESSURE**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6151	NE MN Region n=3783	St. Louis without Duluth <sup>1</sup> n=308
Overall Percent		19.8% (18.9-20.8)	19.7% (18.5-21.0)	17.2% (12.9-21.4)
Gender	Male	18.8 (17.4-20.2)	18.4 (16.7-20.2)	12.9 (7.5-18.3)
	Female	20.9 (19.5-22.3)	21.0 (19.1-22.8)	21.3 (14.8-27.9)
Age	18 to 34	3.0 (2.1-3.8)	2.5 (1.5-3.5)	3.3 (-1.0-7.6)
	35 to 44	8.2 (6.8-9.7)	8.7 (6.7-10.6)	5.1 (-0.1-10.2)
	45 to 54	16.3 (14.1-18.5)	16.0 (13.2-18.8)	14.9 (5.3-24.5)
	55 to 64	31.4 (28.2-34.6)	31.0 (27.0-35.1)	24.0 (10.7-37.3)
	65 to 74	44.6 (40.9-48.3)	44.9 (40.2-49.6)	39.8 (22.6-57.0)
	75 and older	47.7 (43.9-51.5)	48.3 (43.4-53.1)	45.3 (27.0-63.6)
Education	Less than H.S.	33.6 (29.7-37.6)	34.3 (29.3-39.4)	NA <sup>1</sup>
	H.S. Graduate	22.3 (20.6-24.1)	23.5 (21.2-25.8)	21.9 (13.5-30.3)
	Some College	17.6 (15.8-19.5)	17.3 (15.0-19.6)	21.4 (12.9-30.0)
	Voc./Assoc. Degree	15.2 (12.5-18.0)	13.4 (10.0-16.8)	8.5 (-1.8-18.8)
	College Graduate	14.0 (11.9-16.0)	12.8 (10.4-15.2)	7.8 (0.9-14.7)
Poverty Status	Less than 200%	22.7 (20.5-24.8)	23.2 (20.3-26.0)	24.8 (12.8-36.7)
	200% or higher	17.6 (16.2-18.9)	17.9 (16.3-19.6)	16.4 (10.8-22.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.J**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**HIGH CHOLESTEROL**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6020	NE MN Region n=3709	St. Louis without Duluth <sup>1</sup> n=304
<b>Overall Percent</b>		<b>18.4%</b> (17.4-19.3)	<b>18.5%</b> (17.3-19.8)	<b>19.1%</b> (14.4-23.3)
Gender	Male	19.4 (17.9-20.8)	20.1 (18.3-22.0)	21.8 (15.1-28.5)
	Female	17.4 (16.1-18.8)	17.0 (15.3-18.7)	16.0 (10.1-21.9)
Age	18 to 34	3.2 (2.3-4.1)	3.8 (2.6-5.1)	4.4 (-0.6-9.4)
	35 to 44	12.0 (10.3-13.8)	11.6 (9.4-13.8)	15.1 (6.5-23.6)
	45 to 54	20.0 (17.6-22.4)	19.6 (16.6-22.7)	17.4 (7.2-27.7)
	55 to 64	30.5 (27.3-33.6)	32.6 (28.4-36.7)	34.2 (19.4-48.9)
	65 to 74	36.5 (32.8-40.1)	37.3 (32.7-42.0)	39.5 (21.9-57.1)
	75 and older	30.0 (26.5-33.6)	28.3 (23.8-32.8)	19.3 (4.8-33.8)
Education	Less than H.S.	23.2 (19.5-26.7)	24.3 (19.7-28.9)	NA <sup>1</sup>
	H.S. Graduate	18.7 (17.0-20.3)	18.8 (16.6-20.9)	20.7 (12.4-29.0)
	Some College	16.8 (14.9-18.6)	17.1 (14.8-19.4)	18.6 (10.5-26.7)
	Voc./Assoc. Degree	16.2 (13.4-19.1)	16.1 (12.4-19.8)	13.4 (0.8-26.0)
	College Graduate	18.9 (16.6-21.2)	18.4 (15.6-21.3)	19.4 (9.0-29.8)
Poverty Status	Less than 200%	17.9 (15.9-19.9)	17.8 (15.2-20.4)	19.3 (8.4-30.3)
	200% or higher	17.9 (16.6-19.3)	18.5 (16.8-20.2)	18.8 (12.9-24.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.K**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**JOINT PROBLEMS**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6142	NE MN Region n=3776	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>24.9%</b> (23.9-26.0)	<b>24.4%</b> (23.1-25.8)	<b>26.0%</b> (20.9-30.8)
Gender	Male	22.7 (21.2-24.2)	21.9 (20.0-23.8)	23.9 (17.1-30.7)
	Female	27.1 (25.5-28.6)	26.8 (24.9-28.8)	27.8 (20.7-34.9)
Age	18 to 34	5.6 (4.5-6.8)	4.7 (3.3-6.0)	2.2 (-1.3-5.8)
	35 to 44	15.1 (13.2-17.0)	14.9 (12.5-17.3)	21.9 (12.2-31.6)
	45 to 54	21.0 (18.6-23.4)	20.5 (17.4-23.5)	14.7 (5.2-24.3)
	55 to 64	37.7 (34.4-41.1)	36.7 (32.5-41.0)	34.9 (20.1-49.8)
	65 to 74	49.8 (46.1-53.6)	53.6 (48.8-58.4)	63.0 (46.1-80.0)
	75 and older	54.0 (50.2-57.8)	50.5 (45.6-55.3)	53.1 (34.8-71.5)
Education	Less than H.S.	41.1 (37.0-45.3)	41.4 (36.2-46.6)	NA <sup>1</sup>
	H.S. Graduate	27.9 (26.0-29.8)	28.2 (25.8-30.7)	31.3 (21.8-40.7)
	Some College	22.3 (20.3-24.3)	20.7 (18.2-23.2)	20.1 (11.7-28.4)
	Voc./Assoc. Degree	24.4 (21.1-27.7)	23.4 (19.2-27.7)	25.6 (9.5-41.8)
	College Graduate	15.7 (13.6-17.8)	15.6 (13.0-18.3)	17.0 (7.3-26.6)
Poverty Status	Less than 200%	31.1 (28.7-33.5)	30.2 (27.2-33.3)	33.3 (20.2-46.3)
	200% or higher	20.9 (19.5-22.3)	20.5 (18.7-22.3)	21.7 (15.5-27.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.L**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**KIDNEY OR BLADDER PROBLEMS**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6150		NE MN Region n=3783		St. Louis without Duluth <sup>1</sup> n=309	
<b>Overall Percent</b>		<b>6.4%</b>	<b>(5.8-7.0)</b>	<b>6.2%</b>	<b>(5.4-7.0)</b>	<b>6.1%</b>	<b>(3.3-8.5)</b>
Gender	Male	6.1	(5.3-7.0)	5.8	(4.7-6.9)	6.3	(2.4-10.1)
	Female	6.6	(5.8-7.5)	6.6	(5.5-7.7)	5.5	(1.9-9.2)
Age	18 to 34	1.5	(0.9-2.2)	1.4	(0.6-2.1)	1.1	(-1.4-3.6)
	35 to 44	4.7	(3.5-5.8)	4.6	(3.2-6.0)	7.4	(1.3-13.6)
	45 to 54	3.8	(2.6-4.9)	3.5	(2.1-4.9)	0.0	
	55 to 64	7.7	(5.9-9.5)	7.8	(5.5-10.2)	9.1	(0.2-18.1)
	65 to 74	11.1	(8.8-13.4)	10.3	(7.4-13.2)	5.2	(-2.6-13.0)
	75 and older	18.6	(15.6-21.6)	18.6	(14.8-22.4)	19.5	(5.0-34.1)
Education	Less than H.S.	13.1	(10.2-15.9)	15.5	(11.6-19.3)	NA <sup>1</sup>	
	H.S. Graduate	5.8	(4.8-6.8)	5.1	(3.9-6.3)	1.1	(-1.0-3.3)
	Some College	5.5	(4.4-6.6)	5.1	(3.8-6.5)	6.7	(1.5-11.9)
	Voc./Assoc. Degree	6.2	(4.4-8.1)	6.5	(4.0-8.9)	7.7	(-2.1-17.6)
	College Graduate	5.5	(4.2-6.8)	5.0	(3.5-6.6)	10.2	(2.5-18.0)
Poverty Status	Less than 200%	9.4	(7.9-10.9)	9.3	(7.3-11.2)	9.8	(1.6-18.0)
	200% or higher	4.6	(3.9-5.3)	4.5	(3.6-5.5)	4.0	(1.0-6.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 2.1.M**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**LUNG PROBLEMS (CHRONIC)**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6151	NE MN Region n=3782	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>3.6%</b> (3.1-4.1)	<b>3.7%</b> (3.1-4.3)	<b>4.9%</b> (2.4-7.2)
Gender	Male	3.8 (3.1-4.5)	3.8 (2.9-4.7)	5.0 (1.5-8.5)
	Female	3.4 (2.8-4.1)	3.6 (2.8-4.5)	4.6 (1.3-8.0)
Age	18 to 34	0.2 (0.0-0.4)	0.2 (-0.1-0.5)	0.0
	35 to 44	0.9 (0.4-1.4)	0.8 (0.2-1.4)	0.0
	45 to 54	2.6 (1.7-3.6)	2.4 (1.2-3.5)	3.3 (-1.5-8.2)
	55 to 64	5.1 (3.6-6.6)	4.9 (3.0-6.7)	4.4 (-2.0-10.9)
	65 to 74	9.3 (7.1-11.4)	10.0 (7.2-12.9)	12.6 (1.0-24.3)
	75 and older	10.8 (8.5-13.2)	12.1 (8.9-15.2)	20.9 (5.9-35.8)
Education	Less than H.S.	9.3 (6.9-11.7)	9.0 (6.0-12.0)	NA <sup>1</sup>
	H.S. Graduate	3.6 (2.8-4.4)	4.4 (3.2-5.5)	5.6 (0.9-10.3)
	Some College	3.3 (2.4-4.2)	3.5 (2.4-4.6)	4.5 (0.2-8.8)
	Voc./Assoc. Degree	2.6 (1.4-3.8)	1.9 (0.6-3.3)	5.0 (-3.0-13.0)
	College Graduate	1.9 (1.1-2.7)	1.4 (0.6-2.3)	2.1 (-1.6-5.8)
Poverty Status	Less than 200%	4.4 (3.3-5.4)	4.5 (3.1-5.9)	4.1 (-1.4-9.5)
	200% or higher	2.6 (2.0-3.1)	2.5 (1.8-3.2)	3.8 (0.9-6.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 2.1.N**  
**CHRONIC AND OTHER MEDICAL CONDITIONS**  
**STROKE RELATED PROBLEMS**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6149	NE MN Region n=3781	St. Louis without Duluth <sup>1</sup> n=309
<b>Overall Percent</b>		<b>1.9%</b> (1.5-2.2)	<b>1.8%</b> (1.4-2.2)	<b>1.6%</b> (0.1-2.6)
Gender	Male	2.4 (1.8-2.9)	2.7 (1.9-3.4)	2.4 (-0.1-4.8)
	Female	1.4 (1.0-1.8)	1.0 (0.6-1.5)	0.3 (-0.6-1.2)
Age	18 to 34	0.0	0.0	0.0
	35 to 44	0.5 (0.1-0.8)	0.4 (0.0-0.8)	0.0
	45 to 54	0.7 (0.2-1.2)	0.8 (0.1-1.5)	0.0
	55 to 64	1.7 (0.8-2.6)	1.7 (0.6-2.8)	0.0
	65 to 74	6.6 (4.7-8.4)	6.8 (4.4-9.3)	7.4 (-1.8-16.6)
	75 and older	6.3 (4.5-8.2)	5.5 (3.3-7.8)	4.9 (-3.0-12.9)
Education	Less than H.S.	6.0 (4.0-8.0)	6.7 (4.0-9.3)	NA <sup>1</sup>
	H.S. Graduate	2.2 (1.5-2.8)	2.4 (1.5-3.2)	2.0 (-0.8-4.8)
	Some College	1.2 (0.7-1.7)	0.8 (0.3-1.4)	0.0
	Voc./Assoc. Degree	0.6 (0.0-1.3)	0.4 (-0.2-1.1)	0.0
	College Graduate	1.0 (0.5-1.6)	0.7 (0.1-1.3)	0.0
Poverty Status	Less than 200%	2.5 (1.7-3.3)	2.7 (1.6-3.8)	2.1 (-1.9-6.1)
	200% or higher	1.0 (0.7-1.4)	0.9 (0.5-1.4)	0.0

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

## **Chapter 3**

# **CHRONIC CONDITIONS – MENTAL HEALTH**

**A. Anxiety or Panic Attacks and Depression**

**B. Self-Reported Mental Health Indicators**



**TABLE 3.1.A**  
**CHRONIC CONDITIONS-MENTAL HEALTH**  
**ANXIETY**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6148	NE MN Region n=3781	St. Louis without Duluth <sup>1</sup> n=309
<b>Overall Percent</b>		<b>5.7%</b> (5.2-6.3)	<b>5.4%</b> (4.7-6.2)	<b>3.9%</b> (1.7-6.0)
Gender	Male	3.9 (3.2-4.6)	3.5 (2.7-4.3)	1.5 (-0.5-3.4)
	Female	7.5 (6.6-8.4)	7.3 (6.2-8.5)	6.1 (2.3-9.9)
Age	18 to 34	4.4 (3.3-5.4)	3.9 (2.7-5.2)	3.3 (-1.0-7.7)
	35 to 44	6 (4.7-7.3)	5.8 (4.2-7.4)	1.2 (-1.4-3.7)
	45 to 54	5.5 (4.1-6.8)	4.9 (3.3-6.6)	2.6 (-1.7-6.9)
	55 to 64	8.1 (6.3-10.0)	7.7 (5.3-10.0)	6.8 (-1.0-14.7)
	65 to 74	5.9 (4.2-7.7)	6.5 (4.1-8.8)	7.8 (-1.6-17.2)
	75 and older	5.8 (4.0-7.6)	5.2 (3.1-7.4)	4.7 (-3.0-12.5)
Education	Less than H.S.	9.5 (7.0-12.0)	10.3 (7.0-13.5)	NA <sup>1</sup>
	H.S. Graduate	6.7 (5.6-7.7)	6.2 (4.9-7.5)	3.6 (-0.2-7.3)
	Some College	4.5 (3.5-5.5)	3.7 (2.5-4.8)	1.8 (-1.0-4.6)
	Voc./Assoc. Degree	6.4 (4.5-8.2)	6.6 (4.1-9.1)	7.3 (-2.3-17.0)
	College Graduate	3.6 (2.6-4.8)	3.8 (2.4-5.2)	3.8 (-1.1-8.7)
Poverty Status	Less than 200%	8.2 (6.8-9.6)	8.1 (6.2-9.9)	3.8 (-1.5-9.1)
	200% or higher	4.9 (4.1-5.6)	4.6 (3.7-5.5)	4.4 (1.3-7.4)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 3.1.B**  
**CHRONIC CONDITIONS-MENTAL HEALTH**  
**DEPRESSION**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you been told by a physician that you currently have any of the following health conditions?

Demographic Characteristics		Region n=6146	NE MN Region n=3776	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>9.6%</b> (8.9-10.4)	<b>9.5%</b> (8.6-10.4)	<b>7.5%</b> (4.6-10.5)
Gender	Male	7.7 (6.8-8.7)	7.7 (6.5-9.0)	5.1 (1.6-8.7)
	Female	11.5 (10.4-12.6)	11.2 (9.8-12.6)	9.9 (5.1-14.6)
Age	18 to 34	6.8 (5.6-8.1)	6.1 (4.6-7.7)	1.1 (-1.4-3.6)
	35 to 44	9.4 (7.8-10.9)	9.0 (7.1-11.0)	6.8 (0.9-12.8)
	45 to 54	10.2 (8.4-12.0)	10.2 (7.9-12.5)	7.6 (0.4-14.7)
	55 to 64	9.6 (7.6-11.6)	10.2 (7.6-12.9)	7.9 (-0.5-16.3)
	65 to 74	11.7 (9.3-14.1)	11.5 (8.4-14.5)	13.3 (1.4-25.3)
	75 and older	13.9 (11.2-16.5)	14.1 (10.7-17.5)	16.1 (2.6-29.6)
Education	Less than H.S.	15.3 (12.3-18.3)	16.4 (12.4-20.3)	NA <sup>1</sup>
	H.S. Graduate	10.0 (8.8-11.2)	10.0 (8.3-11.6)	6.3 (1.4-11.3)
	Some College	9.2 (7.8-10.6)	8.8 (7.0-10.5)	6.4 (1.3-11.5)
	Voc./Assoc. Degree	10.7 (8.3-13.0)	10.2 (7.2-13.2)	19.9 (5.2-34.7)
	College Graduate	6.4 (4.9-7.7)	6.1 (4.4-7.8)	6.2 (0.0-12.5)
Poverty Status	Less than 200%	16.4 (14.4-18.2)	16.6 (14.1-19.0)	14.8 (5.0-24.6)
	200% or higher	7.0 (6.1-7.9)	6.7 (5.6-7.8)	5.3 (1.9-8.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 3.2.A**  
**SELF REPORTED MENTAL HEALTH INDICATORS**  
**ACCOMPLISHED LESS DUE TO MENTAL HEALTH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** During the past 4 weeks, have you accomplished less than you would like as a result of any emotional problems, such as feeling depressed or anxious?

Demographic Characteristics		Region n=6127		NE MN Region n=3767		St. Louis without Duluth <sup>1</sup> n=307	
<b>Overall Percent</b>		<b>8.8%</b>	<b>(8.1-9.5)</b>	<b>8.4%</b>	<b>(7.5-9.3)</b>	<b>8.5%</b>	<b>(5.3-11.5)</b>
Gender	Male	7.6	(6.6-8.5)	7.4	(6.2-8.6)	6.2	(2.4-10.1)
	Female	10.0	(8.9-11.0)	9.4	(8.1-10.7)	10.5	(5.6-15.4)
Age	18 to 34	9.9	(8.4-11.3)	9.0	(7.2-10.8)	10.8	(3.3-18.4)
	35 to 44	9.5	(7.9-11.0)	9.0	(7.1-11.0)	9.0	(2.3-15.7)
	45 to 54	8.0	(6.3-9.6)	7.6	(5.6-9.6)	2.6	(-1.7-6.9)
	55 to 64	6.7	(5.0-8.4)	6.7	(4.5-8.9)	6.6	(-1.1-14.3)
	65 to 74	8.0	(5.9-10.0)	7.6	(5.1-10.2)	6.1	(-2.3-14.4)
	75 and older	10.0	(7.7-12.3)	9.9	(6.9-12.8)	NA <sup>1</sup>	
Education	Less than H.S.	9.9	(7.3-12.3)	9.4	(6.3-12.5)	NA <sup>1</sup>	
	H.S. Graduate	9.8	(8.5-11.1)	9.2	(7.6-10.8)	6.0	(1.1-10.8)
	Some College	8.3	(7.0-9.6)	8.0	(6.3-9.6)	9.4	(3.3-15.4)
	Voc./Assoc. Degree	9.8	(7.5-12.0)	9.1	(6.2-12.0)	17.8	(3.6-31.9)
	College Graduate	6.6	(5.2-8.1)	6.7	(4.9-8.5)	8.3	(1.2-15.4)
Poverty Status	Less than 200%	16.0	(14.1-17.9)	16.6	(14.1-19.1)	21.4	(10.0-32.7)
	200% or higher	6.1	(5.3-6.9)	5.3	(4.3-6.2)	4.4	(1.3-7.5)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 3.2.B**  
**SELF REPORTED MENTAL HEALTH INDICATORS**  
**DID NOT WORK CAREFULLY DUE TO EMOTIONAL PROBLEMS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** During the past 4 weeks, did you not do work or other regular activities as carefully as usual as a result of any emotional problems, such as feeling depressed or anxious?

Demographic Characteristics		Region n=6126	NE MN Region n=3762	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>6.1%</b> (5.5-6.7)	<b>6.2%</b> (5.4-7.0)	<b>6.2%</b> (3.4-8.8)
Gender	Male	5.0 (4.2-5.8)	5.0 (4.0-6.0)	3.9 (0.8-7.0)
	Female	7.2 (6.3-8.1)	7.4 (6.2-8.6)	8.3 (3.9-12.7)
Age	18 to 34	6.8 (5.5-8.0)	7.1 (5.4-8.7)	8.6 (1.8-15.4)
	35 to 44	6.2 (5.0-7.5)	6.1 (4.5-7.7)	5.7 (0.2-11.1)
	45 to 54	5.0 (3.7-6.3)	4.9 (3.2-6.5)	0.9 (-1.7-3.5)
	55 to 64	4.9 (3.4-6.4)	4.8 (2.9-6.7)	3.4 (-2.2-9.1)
	65 to 74	7.1 (5.2-9.0)	7.7 (5.1-10.2)	8.8 (-1.2-18.7)
	75 and older	6.8 (4.9-8.8)	6.9 (4.4-9.4)	11.8 (-0.2-23.9)
Education	Less than H.S.	7.2 (4.9-9.3)	7.0 (4.3-9.7)	NA <sup>1</sup>
	H.S. Graduate	6.5 (5.4-7.5)	6.2 (4.9-7.6)	4.1 (0.0-8.1)
	Some College	6.3 (5.1-7.5)	6.9 (5.3-8.4)	8.6 (2.8-14.5)
	Voc./Assoc. Degree	6.7 (4.8-8.7)	5.8 (3.5-8.1)	12.6 (0.3-24.8)
	College Graduate	4.3 (3.2-5.6)	5.0 (3.5-6.6)	4.8 (-0.7-10.3)
Poverty Status	Less than 200%	11.2 (9.6-12.8)	11.3 (9.2-13.4)	14.0 (4.4-23.7)
	200% or higher	4.0 (3.4-4.7)	4.0 (3.1-4.8)	3.2 (0.5-5.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 3.2.C**  
**CHRONIC CONDITIONS-MENTAL HEALTH**  
**SELF REPORTED MENTAL HEALTH INDICATORS**  
**FELT DOWNHEARTED AND BLUE<sup>1</sup>**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** How much of the time during the past 4 weeks have you felt downhearted and blue?

Demographic Characteristics		Region n=6119	NE MN Region n=3764	St. Louis without Duluth <sup>2</sup> n=306
<b>Overall Percent</b>		<b>5.7%</b> (5.1-6.3)	<b>5.2%</b> (4.5-5.9)	<b>4.2%</b> (1.9-6.4)
Gender	Male	4.7 (4.0-5.5)	3.9 (3.1-4.8)	2.7 (0.1-5.3)
	Female	6.7 (5.8-7.6)	6.3 (5.2-7.4)	5.6 (1.9-9.3)
Age	18 to 34	5.1 (4.0-6.2)	3.7 (2.5-4.9)	0.0
	35 to 44	7.7 (6.3-9.2)	7.0 (5.3-8.7)	8.0 (1.7-14.4)
	45 to 54	4.6 (3.4-5.9)	4.2 (2.7-5.8)	1.4 (-1.8-4.6)
	55 to 64	5.4 (3.8-6.9)	6.3 (4.2-8.5)	4.0 (-2.1-10.2)
	65 to 74	6.7 (4.8-8.6)	6.4 (4.1-8.7)	9.8 (-0.7-20.4)
	75 and older	4.3 (2.7-5.9)	3.6 (1.8-5.5)	3.4 (-3.3-10.1)
Education	Less than H.S.	8.2 (5.9-10.6)	8.2 (5.2-11.1)	NA <sup>2</sup>
	H.S. Graduate	6.5 (5.4-7.5)	5.7 (4.5-7.0)	2.4 (-0.7-5.4)
	Some College	4.4 (3.4-5.4)	3.8 (2.7-5.0)	2.0 (-0.9-4.8)
	Voc./Assoc. Degree	8.0 (5.8-10.0)	7.1 (4.5-9.6)	15.3 (2.0-28.6)
	College Graduate	3.7 (2.6-4.9)	3.6 (2.2-5.0)	4.1 (-1.0-9.2)
Poverty Status	Less than 200%	10.6 (9.0-12.2)	10.1 (8.1-12.1)	8.7 (0.9-16.5)
	200% or higher	4.1 (3.4-4.8)	3.6 (2.8-4.4)	2.9 (0.4-5.4)

<sup>1</sup> This column includes those who responded they felt downhearted or blue all, most or a good bit of the time.

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.





# **Chapter 4**

## **PREVENTIVE HEALTH PRACTICES**

- A. Nutrition**
- B. Weight Status**
- C. Physical Activity**
- D. Flu Vaccination**



**TABLE 4.1.A**  
**PREVENTIVE HEALTH PRACTICES**  
**EATING FRUITS AND VEGETABLES NO SERVINGS YESTERDAY**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Yesterday, how many servings of fruits and vegetables did you eat?

Demographic Characteristics		Region n=6055	NE MN Region n=3722	St. Louis without Duluth <sup>1</sup> n=303
<b>Overall Percent</b>		<b>8.4%</b> (7.7-9.1)	<b>8.5%</b> (7.6-9.4)	<b>7.3%</b> (4.4-10.2)
Gender	Male	10.0 (8.9-11.0)	10.2 (8.8-11.5)	9.1 (4.5-13.8)
	Female	6.9 (6.0-7.8)	6.8 (5.7-8.0)	5.5 (1.8-9.1)
Age	18 to 34	10.6 (9.1-12.2)	12.0 (9.9-14.1)	7.2 (0.9-13.5)
	35 to 44	10.1 (8.5-11.7)	8.8 (6.9-10.7)	10.7 (3.5-18.0)
	45 to 54	7.0 (5.5-8.6)	7.2 (5.2-9.2)	5.8 (-0.6-12.3)
	55 to 64	7.3 (5.5-9.1)	7.5 (5.1-9.8)	7.9 (-0.5-16.2)
	65 to 74	5.0 (3.4-6.7)	4.9 (2.8-7.0)	1.9 (-3.0-6.8)
	75 and older	6.9 (5.0-8.9)	6.6 (4.1-9.0)	6.8 (-2.5-16.2)
Education	Less than H.S.	12.0 (9.2-14.8)	12.0 (8.5-15.5)	NA <sup>1</sup>
	H.S. Graduate	10.1 (8.8-11.4)	9.7 (8.1-11.4)	7.3 (2.0-12.6)
	Some College	7.6 (6.3-8.9)	8.2 (6.5-9.9)	6.3 (1.2-11.3)
	Voc./Assoc. Degree	7.2 (5.2-9.2)	7.1 (4.5-9.6)	10.4 (-0.9-21.7)
	College Graduate	5.4 (4.1-6.7)	5.8 (4.1-7.5)	8.3 (1.1-15.4)
Poverty Status	Less than 200%	11.7 (10.0-13.3)	10.9 (8.8-13.0)	11.1 (2.4-10.8)
	200% or higher	6.6 (5.8-7.5)	6.4 (5.3-7.5)	6.0 (2.4-9.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 4.1.B**  
**PREVENTIVE HEALTH PRACTICES**  
**EATING FRUITS AND VEGETABLES 5 OR MORE SERVINGS YESTERDAY**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Yesterday, how many servings of fruits and vegetables did you eat?

Demographic Characteristics		Region n=6055	NE MN Region n=3722	St. Louis without Duluth <sup>1</sup> n=303
<b>Overall Percent</b>		<b>12.7%</b> (11.9-13.6)	<b>12.7%</b> (11.7-13.8)	<b>11.6%</b> (7.9-15.1)
Gender	Male	7.8 (6.9-8.8)	7.9 (6.7-9.1)	6.3 (2.4-10.2)
	Female	17.5 (16.1-18.8)	17.4 (15.7-19.1)	16.6 (10.6-22.5)
Age	18 to 34	7.9 (6.6-9.3)	9.4 (7.6-11.3)	7.3 (1.0-13.6)
	35 to 44	9.5 (7.9-11.1)	8.9 (7.0-10.9)	4.0 (-0.6-8.6)
	45 to 54	13.7 (11.6-15.8)	13.7 (11.1-16.4)	16.7 (6.4-27.0)
	55 to 64	15.7 (13.2-18.2)	13.6 (10.6-16.6)	11.0 (1.3-20.8)
	65 to 74	18.4 (15.5-21.3)	18.4 (14.7-22.1)	22.8 (7.8-37.8)
	75 and older	19.4 (16.3-22.5)	19.7 (15.7-23.6)	17.5 (3.5-31.6)
Education	Less than H.S.	8.6 (6.3-11.1)	8.2 (5.3-11.2)	NA <sup>1</sup>
	H.S. Graduate	9.2 (8.0-10.4)	9.9 (8.2-11.5)	8.0 (2.4-13.5)
	Some College	13.1 (11.4-14.7)	12.3 (10.2-14.3)	7.8 (2.2-13.4)
	Voc./Assoc. Degree	16.6 (13.7-19.4)	15.2 (11.6-18.8)	14.7 (1.6-27.7)
	College Graduate	18.6 (16.2-20.8)	19.0 (16.1-21.9)	20.1 (9.7-30.5)
Poverty Status	Less than 200%	11.2 (9.6-12.9)	11.2 (9.0-13.3)	5.0 (-1.0-11.0)
	200% or higher	12.8 (11.6-13.9)	13.0 (11.5-14.5)	12.1 (7.1-17.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 4.2**  
**PREVENTIVE HEALTH PRACTICES**  
**AVOID EATING BECAUSE TEETH OR GUMS HURT**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Do you avoid eating or have trouble eating or drinking certain foods because your teeth or gums hurt?

Demographic Characteristics		Region n=6155	NE MN Region n=3783	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>7.1%</b> (6.5-7.7)	<b>6.5%</b> (5.7-7.3)	<b>4.5%</b> (2.3-7.0)
Gender	Male	6.4 (5.5-7.3)	5.9 (4.9-7.0)	3.9 (0.8-7.0)
	Female	7.8 (6.9-8.7)	7.1 (6.0-8.3)	5.4 (1.8-9.0)
Age	18 to 34	7.4 (6.1-8.7)	6.2 (4.7-7.7)	1.1 (-1.4-3.6)
	35 to 44	9.0 (7.5-10.5)	8.7 (6.8-10.6)	9.1 (2.3-15.8)
	45 to 54	7.1 (5.6-8.7)	6.8 (4.9-8.7)	4.2 (-1.2-9.7)
	55 to 64	5.5 (4.0-7.1)	6.0 (3.9-8.1)	3.2 (-2.3-8.6)
	65 to 74	5.8 (4.1-7.6)	4.9 (2.9-7.0)	6.3 (-2.2-14.8)
	75 and older	5.9 (4.1-7.7)	4.7 (2.6-6.7)	3.4 (-3.3-10.0)
Education	Less than H.S.	12.9 (10.2-15.8)	12.8 (9.2-16.3)	NA <sup>1</sup>
	H.S. Graduate	6.4 (5.4-7.4)	5.5 (4.3-6.8)	3.1 (-0.4-6.6)
	Some College	8.2 (6.9-9.5)	7.3 (5.7-8.9)	4.6 (0.2-8.9)
	Voc./Assoc. Degree	6.9 (4.9-8.8)	6.4 (4.0-8.8)	9.8 (-1.2-20.8)
	College Graduate	4.1 (2.9-5.2)	4.3 (2.8-5.8)	5.0 (-0.6-10.5)
Poverty Status	Less than 200%	13.0 (11.2-14.6)	12.1 (10.0-14.3)	11.5 (2.7-20.3)
	200% or higher	5.0 (4.3-5.8)	4.2 (3.3-5.1)	3.0 (0.4-5.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 4.3**  
**PREVENTIVE HEALTH PRACTICES**  
**USE OF COMMUNITY FOOD SHELF PROGRAM**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, have you used a community food shelf program?

Demographic Characteristics		Region n=6153	NE MN Region n=3783	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		3.4% (2.9-3.8)	3.4% (2.8-3.9)	1.6% (0.3-3.3)
Gender	Male	2.9 (2.3-3.5)	3.1 (2.3-3.9)	1.6 (-0.4-3.7)
	Female	3.9 (3.2-4.6)	3.6 (2.7-4.4)	1.9 (-0.3-4.1)
Age	18 to 34	4.5 (3.4-5.5)	4.3 (3.0-5.6)	0.0
	35 to 44	3.9 (2.9-4.9)	3.9 (2.6-5.3)	4.0 (-0.6-8.6)
	45 to 54	2.5 (1.6-3.4)	2.5 (1.3-3.7)	1.4 (-1.8-4.6)
	55 to 64	2.7 (1.6-3.8)	2.3 (1.0-3.7)	0.0
	65 to 74	2.7 (1.5-3.9)	3.3 (1.6-5.0)	3.8 (-3.0-10.5)
	75 and older	2.8 (1.6-4.1)	2.7 (1.1-4.2)	1.6 (-3.0-6.1)
Education	Less than H.S.	6.5 (4.5-8.7)	5.9 (3.4-8.4)	NA <sup>1</sup>
	H.S. Graduate	4.8 (3.9-5.7)	5.3 (4.0-6.5)	1.4 (-1.0-3.7)
	Some College	2.8 (2.0-3.6)	2.5 (1.5-3.5)	2.2 (-0.8-5.3)
	Voc./Assoc. Degree	1.4 (0.5-2.3)	1.2 (0.1-2.3)	0.0
	College Graduate	1.2 (0.6-1.9)	1.1 (0.3-1.8)	1.4 (-1.6-4.4)
Poverty Status	Less than 200%	8.2 (6.8-9.6)	9.2 (7.3-11.2)	3.1 (-1.7-7.9)
	200% or higher	1.2 (0.9-1.6)	1.1 (0.6-1.5)	0.7 (-0.6-2.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 4.4**  
**PREVENTIVE HEALTH PRACTICES**  
**OVERWEIGHT<sup>1</sup>**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** How tall are you without shoes? Approximately how much do you weigh?

Demographic Characteristics		Region n=5907	NE MN Region n=3633	St. Louis without Duluth <sup>2</sup> n=297
<b>Overall Percent</b>		<b>35.3%</b> (34.1-36.6)	<b>34.4%</b> (32.8-35.9)	<b>34.7%</b> (29.2-40.1)
Gender	Male	38.4 (36.7-40.2)	37.6 (35.3-39.8)	38.7 (30.9-46.5)
	Female	32.2 (30.5-33.9)	31.1 (28.9-33.2)	30.4 (22.8-38.0)
Age	18 to 34	23.7 (21.5-25.9)	24.3 (21.5-27.1)	18.4 (8.8-28.0)
	35 to 44	31.1 (28.6-33.6)	28.8 (25.7-31.9)	24.8 (14.6-34.9)
	45 to 54	41.8 (38.8-44.8)	40.9 (37.0-44.7)	43.8 (30.0-57.6)
	55 to 64	50.9 (47.4-54.4)	50.7 (46.2-55.1)	61.9 (46.4-77.4)
	65 to 74	42.1 (38.3-45.9)	39.1 (34.3-43.9)	29.6 (12.9-46.3)
	75 and older	34.5 (30.8-38.2)	33.9 (29.2-38.6)	45.8 (27.3-64.2)
Education	Less than H.S.	35.1 (31.0-39.1)	36.7 (31.5-41.9)	NA <sup>2</sup>
	H.S. Graduate	38.0 (35.9-40.1)	37.3 (34.6-40.0)	43.5 (33.3-53.7)
	Some College	34.5 (32.1-36.8)	33.5 (30.5-36.5)	30.9 (21.1-40.6)
	Voc./Assoc. Degree	34.7 (31.0-38.5)	31.5 (26.7-36.3)	NA <sup>2</sup>
	College Graduate	32.2 (29.5-35.0)	30.9 (27.5-34.3)	32.1 (19.9-44.3)
Poverty Status	Less than 200%	37.0 (34.4-39.5)	37.2 (33.9-40.5)	32.9 (19.5-46.3)
	200% or higher	36.5 (34.9-38.2)	35.7 (33.5-37.8)	39.9 (32.4-47.4)

<sup>1</sup> Number of respondents who reported current weight and height. Calculations for weight status are based on Body Mass Index (BMI).

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 4.5**  
**PREVENTIVE HEALTH PRACTICES**  
**PHYSICAL ACTIVITY THREE OR MORE DAYS PER WEEK**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In an average week, how many days do you get at least 30 minutes of moderate physical activity like walking, cycling and vacuuming?  
 In an average week, how many days do you participate in vigorous physical activity that lasts at least 20 minutes like stair-master, lap swimming, skiing machine or jogging?

Demographic Characteristics		Region n=6056	NE MN Region n=3726	St. Louis without Duluth <sup>1</sup> n=306
<b>Overall Percent</b>		<b>84.6%</b> (83.7-85.5)	<b>84.9%</b> (83.8-86.1)	<b>82.0%</b> (77.9-86.5)
Gender	Male	88.1 (87.0-89.3)	88.5 (87.0-90.0)	86.3 (80.8-91.8)
	Female	81.2 (79.8-82.6)	81.5 (79.7-83.2)	78.0 (71.4-84.7)
Age	18 to 34	91.2 (89.8-92.6)	91.3 (89.5-93.1)	92.8 (86.6-99.1)
	35 to 44	86.7 (84.9-88.5)	87.3 (85.1-89.6)	85.7 (77.5-93.9)
	45 to 54	84.7 (82.6-86.9)	84.7 (82.0-87.5)	83.1 (72.9-93.3)
	55 to 64	81.3 (78.6-84.0)	80.3 (76.8-83.9)	73.8 (60.1-87.4)
	65 to 74	81.4 (78.5-84.4)	82.5 (78.8-86.1)	83.5 (70.2-96.8)
	75 and older	71.7 (68.2-75.2)	73.3 (68.9-77.7)	58.6 (40.2-77.0)
Education	Less than H.S.	79.0 (75.6-82.5)	78.7 (74.3-83.1)	NA <sup>1</sup>
	H.S. Graduate	85.3 (83.9-86.9)	85.4 (83.5-87.4)	82.7 (74.9-90.5)
	Some College	86.4 (84.8-88.1)	87.4 (85.3-89.4)	87.2 (80.2-94.1)
	Voc./Assoc. Degree	83.8 (81.0-86.7)	84.0 (80.4-87.7)	75.8 (59.9-91.6)
	College Graduate	83.5 (81.3-85.7)	83.9 (81.2-86.6)	80.4 (70.1-90.6)
Poverty Status	Less than 200%	82.7 (80.8-84.7)	83.6 (81.1-86.1)	74.3 (62.2-86.4)
	200% or higher	86.1 (84.9-87.3)	85.8 (84.3-87.4)	85.3 (80.0-90.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 4.6**  
**PREVENTIVE HEALTH PRACTICES**  
**FLU VACCINE**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the last year, have you had a flu shot?

Demographic Characteristics		Region n=6153	NE MN Region n=3782	St. Louis without Duluth <sup>1</sup> n=309
<b>Overall Percent</b>		<b>40.5%</b> (39.3-41.7)	<b>41.8%</b> (40.2-43.4)	<b>40.5%</b> (34.9-45.9)
Gender	Male	37.6 (35.9-39.4)	39.4 (37.1-41.6)	38.4 (30.6-46.2)
	Female	43.3 (41.5-45.0)	44.1 (41.9-46.40)	42.3 (34.4-50.2)
Age	18 to 34	20.7 (18.7-22.8)	22.1 (19.5-24.8)	14.9 (6.3-23.5)
	35 to 44	23.5 (21.2-25.7)	22.4 (19.6-25.2)	23.5 (13.5-33.4)
	45 to 54	36.6 (33.7-39.5)	40.3 (36.6-44.0)	44.0 (30.6-57.4)
	55 to 64	47.4 (44.0-50.8)	48.2 (43.8-52.6)	43.8 (28.4-59.2)
	65 to 74	75.0 (71.8-78.2)	76.5 (72.5-80.5)	78.5 (64.1-92.9)
	75 and older	82.3 (79.4-85.2)	85.4 (81.9-88.8)	82.3 (68.3-96.3)
Education	Less than H.S.	51.5 (47.3-55.6)	52.9 (47.6-58.2)	NA <sup>1</sup>
	H.S. Graduate	41.9 (39.8-43.9)	44.8 (42.1-47.5)	49.4 (39.2-59.6)
	Some College	34.0 (31.7-36.3)	33.6 (30.7-36.5)	30.3 (20.7-39.8)
	Voc./Assoc. Degree	40.5 (36.7-44.2)	39.4 (34.5-44.20)	26.6 (10.3-42.9)
	College Graduate	42.1 (39.2-45.0)	44.0 (40.4-47.6)	47.8 (35.0-60.7)
Poverty Status	Less than 200%	39.5 (37.1-42.1)	40.5 (37.3-43.8)	31.5 (18.7-44.3)
	200% or higher	37.9 (36.2-39.5)	39.9 (37.7-42.0)	40.1 (32.7-47.5)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



# **Chapter 5**

## **PREVENTIVE SCREENINGS**

- A. Cancer Screening**
- B. Cardiovascular Risk Screenings**



**TABLE 5.1.A**  
**PREVENTIVE SCREENING**  
**(FEMALES AGE 40 AND OLDER)**  
**NEVER HAD MAMMOGRAM**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had a mammogram within the past year, within the past 2 years, within the past 5 years, 5 or more years ago, never or not applicable?

Demographic Characteristics		Region n=2077		NE MN Region n=1283		St. Louis without Duluth <sup>1</sup> n=106	
<b>Overall Percent</b>		<b>12.5%</b>	<b>(11.1-13.9)</b>	<b>11.7%</b>	<b>(9.9-13.4)</b>	<b>10.4%</b>	<b>(4.2-15.9)</b>
Age	40 to 49	22.1	(18.8-25.2)	20.7	(16.9-24.6)	20.2	(6.3-34.1)
	50 to 59	6.1	(3.9-8.2)	4.6	(2.1-7.0)	NA <sup>1</sup>	
	60 to 69	6.8	(4.2-9.3)	6.9	(3.5-10.2)	NA <sup>1</sup>	
	70 and older	10.6	(8.1-13.2)	9.5	(6.4-12.6)	NA <sup>1</sup>	
Education	Less than H.S.	16.9	(11.8-21.9)	13.0	(7.3-18.7)	NA <sup>1</sup>	
	H.S. Graduate	12.6	(10.2-14.9)	11.7	(8.8-14.6)	4.5	(-2.6-11.6)
	Some College	13.5	(10.6-16.5)	13.3	(9.6-17.0)	18.0	(4.0-32.0)
	Voc./Assoc. Degree	12.0	(7.7-16.3)	13.2	(7.3-19.0)	NA <sup>1</sup>	
	College Graduate	8.2	(5.1-11.1)	7.1	(3.5-10.7)	NA <sup>1</sup>	
Poverty Status	Less than 200%	17.9	(14.5-21.3)	15.4	(11.2-19.5)	NA <sup>1</sup>	
	200% or higher	10.8	(8.8-12.7)	10.6	(8.1-13.1)	12.8	(3.2-22.3)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.1.B**  
**PREVENTIVE SCREENING**  
**(FEMALES AGE 40 AND OLDER)**  
**HAD MAMMOGRAM WITHIN PAST 2 YEARS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had a mammogram within the past year, within the past 2 years, within the past 5 years, 5 or more years ago, never or not applicable?

Demographic Characteristics		Region n=2077	NE MN Region n=1284	St. Louis without Duluth <sup>1</sup> n=108
<b>Overall Percent</b>		<b>75.1%</b> (73.2-76.9)	<b>75.8%</b> (73.4-78.1)	<b>72.2%</b> (64.2-81.4)
Age	40 to 49	65.1 (61.5-68.8)	66.7 (61.1-70.2)	58.1 (41.0-75.2)
	50 to 59	82.3 (78.8-85.7)	83.9 (79.6-88.1)	NA <sup>1</sup>
	60 to 69	85.8 (82.4-89.5)	89.0 (84.8-93.2)	NA <sup>1</sup>
	70 and older	73.4 (69.7-77.0)	73.2 (68.5-77.8)	NA <sup>1</sup>
Education	Less than H.S.	70.8 (64.9-77.0)	63.6 (56.2-71.1)	NA <sup>1</sup>
	H.S. Graduate	74.1 (71.1-77.3)	61.0 (57.3-64.7)	77.3 (62.8-91.7)
	Some College	72.2 (68.3-76.0)	49.5 (45.2-53.8)	56.2 (38.1-74.4)
	Voc./Assoc. Degree	79.5 (74.7-85.2)	55.8 (49.2-62.3)	NA <sup>1</sup>
	College Graduate	81.8 (77.6-86.1)	53.1 (47.8-58.5)	NA <sup>1</sup>
Poverty Status	Less than 200%	68.0 (64.0-72.3)	49.3 (44.9-53.7)	NA <sup>1</sup>
	200% or higher	76.7 (74.0-79.4)	55.5 (52.2-58.7)	69.5 (56.4-82.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.2.A**  
**PREVENTIVE SCREENING**  
**(FEMALES AGE 18 AND OLDER)**  
**NEVER PERFORMED BREAST SELF EXAM**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you performed a breast self-exam within the past 3 months within the past year, within the past 2 years, 2 or more years ago, never or not applicable?

Demographic Characteristics		Region n=3110	NE MN Region n=1917	St. Louis without Duluth <sup>1</sup> n=156
<b>Overall Percent</b>		<b>14.6%</b> (13.3-15.8)	<b>14.8%</b> (13.2-16.4)	<b>16.7%</b> (10.6-22.4)
Age	18 to 29	28.8 (24.8-32.7)	28.5 (23.4-33.5)	NA <sup>1</sup>
	30 to 39	10.4 (7.8-12.9)	11.2 (7.7-14.7)	NA <sup>1</sup>
	40 to 49	8.0 (5.8-10.0)	7.2 (4.7-9.6)	7.4 (-1.7-16.5)
	50 to 59	11.8 (8.9-14.7)	12.7 (8.8-16.5)	NA <sup>1</sup>
	60 to 69	13.4 (9.8-16.8)	13.9 (9.3-18.6)	NA <sup>1</sup>
	70 and older	17.0 (13.9-20.1)	17.6 (13.6-21.6)	NA <sup>1</sup>
Education	Less than H.S.	22.7 (17.7-27.9)	21.3 (15.0-27.6)	NA <sup>1</sup>
	H.S. Graduate	13.8 (11.7-15.9)	15.2 (12.5-17.9)	11.9 (1.7-22.1)
	Some College	16.8 (14.3-19.2)	16.4 (13.2-19.5)	21.4 (9.6-33.3)
	Voc./Assoc. Degree	8.4 (5.4-11.2)	6.7 (3.4-10.0)	NA <sup>1</sup>
	College Graduate	12.9 (10.1-15.8)	14.0 (10.3-17.7)	18.2 (4.5-32.0)
Poverty Status	Less than 200%	15.6 (13.2-18.1)	16.5 (13.3-19.8)	19.8 (5.8-33.8)
	200% or higher	13.3 (11.5-15.0)	13.2 (11.0-15.4)	18.5 (9.6-27.4)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 5.2.B**  
**PREVENTIVE SCREENING**  
**(FEMALES AGE 18 AND OLDER)**  
**PERFORMED BREAST SELF EXAM WITHIN PAST 3 MONTHS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you performed a breast self-exam within the past 3 months within the past year, within the past 2 years, 2 or more years ago, never or not applicable?

Demographic Characteristics		Region n=3110	NE MN Region n=1917	St. Louis without Duluth <sup>1</sup> n=154
<b>Overall Percent</b>		<b>81.1%</b> (79.8-82.5)	<b>80.5%</b> (78.7-82.3)	<b>81.2%</b> (74.8-87.3)
Age	18 to 29	66.5 (62.4-70.7)	65.8 (60.5-71.1)	NA <sup>1</sup>
	30 to 39	86.3 (83.5-89.3)	85.3 (81.3-89.2)	NA <sup>1</sup>
	40 to 49	87.9 (85.3-90.3)	88.6 (85.6-91.6)	92.6 (83.5-101.7)
	50 to 59	83.3 (80.2-86.9)	82.3 (77.8-86.7)	NA <sup>1</sup>
	60 to 69	83.8 (80.2-87.8)	84.0 (79.2-88.9)	NA <sup>1</sup>
	70 and older	77.4 (74.1-81.0)	75.9 (71.5-80.4)	NA <sup>1</sup>
Education	Less than H.S.	68.2 (62.9-74.2)	68.1 (60.9-75.3)	NA <sup>1</sup>
	H.S. Graduate	83.3 (81.0-85.5)	81.5 (78.6-84.5)	87.5 (77.1-97.9)
	Some College	78.6 (75.9-81.3)	78.4 (74.9-82.0)	74.5 (62.0-87.1)
	Voc./Assoc. Degree	87.5 (84.0-90.9)	88.7 (84.5-92.9)	NA <sup>1</sup>
	College Graduate	83.1 (79.8-86.2)	82.4 (78.3-86.4)	81.8 (68.0-95.5)
Poverty Status	Less than 200%	78.8 (76.1-81.6)	78.0 (74.3-81.7)	78.0 (63.4-92.5)
	200% or higher	82.5 (80.5-84.4)	81.9 (79.4-84.4)	77.6 (68.0-87.1)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.3.A**  
**PREVENTIVE SCREENING**  
**(FEMALES AGE 18 AND OLDER)**  
**NEVER HAD PAP TEST**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had a Pap Test within the past year, within the past 2 years, within the past 5 years, 5 or more years ago, never or not applicable?

Demographic Characteristics		Region n=3013	NE MN Region n=1913	St. Louis without Duluth <sup>1</sup> n=156
<b>Overall Percent</b>		<b>5.2%</b> (4.3-5.8)	<b>4.4%</b> (3.5-5.3)	<b>5.1%</b> (1.2-7.9)
Age	18 to 29	10.5 (7.8-13.1)	6.4 (3.7-9.2)	NA <sup>1</sup>
	30 to 39	2.2 (0.9-3.4)	2.5 (0.8-4.2)	NA <sup>1</sup>
	40 to 49	3.4 (2.0-4.8)	3.1 (1.5-4.8)	4.5 (-2.7-11.7)
	50 to 59	4.3 (2.4-6.0)	4.7 (2.2-7.2)	NA <sup>1</sup>
	60 to 69	5.0 (2.4-6.7)	4.1 (1.5-6.8)	NA <sup>1</sup>
	70 and older	6.6 (4.1-8.1)	5.8 (3.3-8.2)	NA <sup>1</sup>
Education	Less than H.S.	8.8 (5.1-12.0)	5.3 (1.8-8.8)	NA <sup>1</sup>
	H.S. Graduate	5.5 (4.0-6.7)	5.2 (3.5-6.9)	5.3 (-1.7-12.4)
	Some College	5.8 (4.1-7.1)	4.3 (2.6-6.1)	5.5 (-1.1-12.1)
	Voc./Assoc. Degree	5.7 (3.1-7.9)	5.8 (2.7-8.9)	NA <sup>1</sup>
	College Graduate	1.6 (0.5-2.7)	1.6 (0.2-2.9)	1.6 (-2.9-6.0)
Poverty Status	Less than 200%	6.2 (4.4-7.6)	5.6 (3.6-7.6)	5.3 (-2.6-13.2)
	200% or higher	3.3 (2.3-4.1)	2.5 (1.5-3.5)	2.4 (-1.1-6.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.3.B**  
**PREVENTIVE SCREENING**  
**(FEMALES AGE 18 AND OLDER)**  
**PAP TEST WITHIN PAST 2 YEARS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had a Pap Test within the past year, within the past 2 years, within the past 5 years, 5 or more years ago, never or not applicable?

Demographic Characteristics		Region n=3013	NE MN Region n=1857	St. Louis without Duluth <sup>1</sup> n=152
<b>Overall Percent</b>		<b>80.0%</b> (78.6-81.4)	<b>81.3%</b> (79.5-83.1)	<b>80.9%</b> (74.7-87.3)
Age	18 to 29	87.7 (84.8-90.6)	91.8 (88.7-94.8)	NA <sup>1</sup>
	30 to 39	87.7 (85.0-90.5)	87.1 (83.3-90.8)	NA <sup>1</sup>
	40 to 49	83.1 (80.3-86.1)	83.1 (79.5-86.7)	79.9 (66.0-93.8)
	50 to 59	79.1 (75.5-82.9)	78.6 (73.7-83.4)	NA <sup>1</sup>
	60 to 69	79.0 (74.5-83.3)	83.6 (78.5-88.7)	NA <sup>1</sup>
	70 and older	61.7 (57.6-66.0)	64.1 (58.8-69.4)	NA <sup>1</sup>
Education	Less than H.S.	64.3 (58.4-70.3)	69.6 (62.3-76.9)	NA <sup>1</sup>
	H.S. Graduate	77.7 (75.3-80.3)	79.5 (76.4-82.6)	81.5 (69.4-93.7)
	Some College	81.1 (78.4-83.7)	81.4 (77.9-84.8)	77.4 (65.2-89.5)
	Voc./Assoc. Degree	84.0 (80.0-87.7)	85.1 (80.3-89.8)	NA <sup>1</sup>
	College Graduate	88.3 (85.5-91.1)	88.2 (84.8-91.7)	85.8 (73.2-98.4)
Poverty Status	Less than 200%	75.3 (72.4-78.3)	77.4 (83.7-81.2)	82.1 (68.5-95.6)
	200% or higher	84.6 (82.6-86.4)	85.7 (83.4-88.0)	83.3 (74.7-91.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.4.A**  
**PREVENTIVE SCREENING**  
**(MALES AGE 50 AND OLDER)**  
**NEVER HAD PROSTATE EXAM**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had a prostate exam within the past year, within the past 2 years, within the past 5 years, five or more years ago or never?

Demographic Characteristics		Region n=1186	NE MN Region n=724	St. Louis without Duluth <sup>1</sup> n=55
<b>Overall Percent</b>		<b>17.2%</b> (15.0-19.3)	<b>16.6%</b> (13.9-19.3)	<b>27.3%</b> (14.6-38.9)
Age	50 to 59	19.9 (16.0-23.7)	16.5 (12.0-21.1)	NA <sup>1</sup>
	60 to 69	13.2 (9.6-16.6)	13.4 (8.8-17.9)	NA <sup>1</sup>
	70 and older	17.8 (14.1-21.6)	19.5 (14.5-24.5)	NA <sup>1</sup>
Education	Less than H.S.	21.5 (15.5-27.8)	22.3 (14.6-29.9)	NA <sup>1</sup>
	H.S. Graduate	23.8 (19.4-28.0)	22.8 (17.4-28.3)	NA <sup>1</sup>
	Some College	15.5 (11.2-20.2)	15.9 (9.9-21.8)	NA <sup>1</sup>
	Voc./Assoc. Degree	9.5 (3.2-14.9)	2.9 (-2.0-7.9)	NA <sup>1</sup>
	College Graduate	9.0 (5.7-12.5)	9.3 (5.0-13.5)	NA <sup>1</sup>
Poverty Status	Less than 200%	20.2 (15.0-25.6)	18.6 (11.7-25.6)	NA <sup>1</sup>
	200% or higher	14.0 (11.3-16.6)	14.1 (10.7-17.5)	18.9 (4.5-33.3)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.4.B**  
**PREVENTIVE SCREENING**  
**(MALES AGE 50 AND OLDER)**  
**PROSTATE EXAM IN PAST YEAR**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had a prostate exam within the past year, within the past 2 years, within the past 5 years, five or more years ago or never?

Demographic Characteristics		Region n=1186	NE MN Region n=723	St. Louis without Duluth <sup>1</sup> n=53
<b>Overall Percent</b>		<b>56.1%</b> (53.3-59.0)	<b>57.0%</b> (53.3-60.6)	<b>56.6%</b> (42.1-69.3)
Age	50 to 59	44.4 (39.6-49.2)	46.5 (40.4-52.5)	NA <sup>1</sup>
	60 to 69	63.9 (58.8-68.8)	65.8 (59.5-72.2)	NA <sup>1</sup>
	70 and older	61.5 (56.8-66.3)	60.4 (54.2-66.6)	NA <sup>1</sup>
Education	Less than H.S.	47.5 (40.1-55.0)	46.4 (37.3-55.6)	NA <sup>1</sup>
	H.S. Graduate	56.3 (51.4-61.4)	57.5 (51.1-63.9)	NA <sup>1</sup>
	Some College	57.4 (51.1-63.4)	56.8 (48.7-64.9)	NA <sup>1</sup>
	Voc./Assoc. Degree	58.9 (49.0-69.1)	73.8 (60.9-86.6)	NA <sup>1</sup>
	College Graduate	59.4 (53.4-65.0)	58.5 (51.2-65.7)	NA <sup>1</sup>
Poverty Status	Less than 200%	57.4 (50.9-63.9)	57.3 (48.5-66.1)	NA <sup>1</sup>
	200% or higher	57.4 (53.7-61.2)	58.0 (53.2-62.8)	56.4 (38.2-74.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.5.A**  
**PREVENTIVE SCREENING**  
**(MALES AND FEMALES AGE 50 AND OLDER)**  
**NEVER HAD COLON CANCER SCREENING**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had any screening for colon cancer within the past year, within the past 2 years, within the past 5 years, 5 or more years ago or never?

Demographic Characteristics		Region n=2557	NE MN Region n=1564	St. Louis without Duluth <sup>1</sup> n=123
Overall Percent		44.1% (42.2-46.0)	43.8% (41.3-46.2)	50.4% (41.6-59.5)
Gender	Males	41.4 (38.6-44.3)	40.8 (37.2-44.4)	47.5 (33.7-61.4)
	Female	46.2 (43.6-48.9)	46.3 (42.9-49.6)	52.8 (40.8-64.9)
Age	50 to 59	51.5 (48.1-54.8)	49.7 (45.5-54.0)	56.4 (39.1-73.7)
	60 to 69	39.6 (36.0-43.2)	39.5 (34.9-44.1)	42.9 (26.2-59.5)
	70 and older	40.8 (37.7-43.9)	41.6 (37.6-45.6)	52.1 (37.8-66.4)
Education	Less than H.S.	53.1 (48.1-58.3)	52.9 (46.5-59.2)	NA <sup>1</sup>
	H.S. Graduate	42.8 (39.6-46.0)	40.6 (36.5-44.6)	42.2 (26.6-57.7)
	Some College	44.4 (40.5-48.6)	47.3 (42.1-52.5)	58.0 (40.0-76.1)
	Voc./Assoc. Degree	44.9 (38.2-51.7)	42.3 (33.0-51.6)	NA <sup>1</sup>
	College Graduate	38.3 (33.8-42.9)	38.8 (33.1-44.6)	NA <sup>1</sup>
Poverty Status	Less than 200%	44.6 (40.5-48.6)	43.9 (38.6-49.1)	NA <sup>1</sup>
	200% or higher	42.1 (39.4-44.9)	42.2 (38.7-45.8)	52.0 (38.9-65.2)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.5.B**  
**PREVENTIVE SCREENING**  
**(MALES AND FEMALES AGE 50 AND OLDER)**  
**COLON CANCER SCREENING WITHIN PAST 5 YEARS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had any screening for colon cancer within the past year, within the past 2 years, within the past 5 years, 5 or more years ago or never?

Demographic Characteristics		Region n=2557	NE MN Region n=1564	St. Louis without Duluth <sup>1</sup> n=124
Overall Percent		51.3% (49.3-53.2)	51.7% (49.2-54.2)	45.2% (36.2-54.1)
Gender	Males	53.7 (50.8-56.5)	54.2 (50.5-57.8)	46.0 (32.2-59.8)
	Female	49.3 (46.7-51.9)	49.6 (46.3-53.0)	44.4 (32.4-56.4)
Age	50 to 59	45.5 (42.2-48.8)	47.2 (43.0-51.5)	43.6 (26.3-60.9)
	60 to 69	55.2 (51.6-58.9)	55.6 (50.9-60.3)	49.2 (32.3-66.0)
	70 and older	53.5 (50.4-56.7)	52.8 (48.8-56.8)	43.2 (29.0-57.3)
Education	Less than H.S.	41.6 (36.5-46.6)	41.5 (35.3-47.8)	NA <sup>1</sup>
	H.S. Graduate	53.7 (50.5-56.9)	56.2 (52.1-60.3)	55.7 (40.1-71.3)
	Some College	49.4 (45.2-53.4)	46.0 (40.8-51.2)	33.0 (15.8-50.2)
	Voc./Assoc. Degree	48.1 (41.6-55.0)	51.5 (42.1-60.9)	NA <sup>1</sup>
	College Graduate	58.1 (53.5-62.7)	58.3 (52.5-64.1)	NA <sup>1</sup>
Poverty Status	Less than 200%	49.4 (45.4-53.5)	50.2 (44.9-55.5)	NA <sup>1</sup>
	200% or higher	54.9 (52.1-57.7)	55.1 (51.5-58.6)	48.0 (34.8-61.1)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.6.A**  
**PREVENTIVE SCREENING**  
**NEVER HAD BLOOD PRESSURE CHECKED**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had your blood pressure checked within the past year, within the past 2 years, within the past 5 years, 5 or more years ago or never?

Demographic Characteristics		Region n=6135	NE MN Region n=3769	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>0.8%</b> (0.6-1.1)	<b>0.8%</b> (0.5-1.0)	<b>0.3%</b> (-0.3-0.8)
Gender	Males	0.8 (0.5-1.1)	0.7 (0.3-1.1)	0.0
	Female	0.9 (0.5-1.2)	0.8 (0.4-1.3)	0.5 (-0.6-1.7)
Age	18-34	1.5 (0.9-2.2)	1.2 (0.5-1.9)	0.0
	35-44	0.6 (0.2-1.0)	0.6 (0.1-1.1)	0.0
	45-54	1.2 (0.5-1.0)	1.3 (0.4-2.1)	1.4 (-1.8-4.6)
	55-64	0.3 (-0.1-0.7)	0.3 (-0.2-0.8)	0.0
	65-74	0.2 (-0.1-0.6)	0.3 (-0.2-0.7)	0.0
	75+	0.4 (-0.1-0.9)	0.4 (-0.2-1.0)	0.0
Education	Less than H.S.	0.9 (0.1-1.6)	1.2 (0.0-2.4)	NA <sup>1</sup>
	H.S. Graduate	1.1 (0.6-1.5)	1.1 (0.6-1.7)	0.0
	Some College	1.1 (0.6-1.6)	0.8 (0.3-1.4)	0.9 (-1.1-2.8)
	Voc./Assoc. Degree	0.6 (0.0-1.2)	0.2 (-0.2-0.6)	0.0
	College Graduate	0.3 (0.0-0.5)	0.2 (-0.1-0.5)	0.0
Poverty Status	Less than 200%	1.4 (0.8-2.1)	1.7 (0.9-2.6)	0.0
	200% or higher	0.7 (0.7-0.4)	0.4 (0.1-0.6)	0.5 (-0.6-1.5)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 5.6.B**  
**PREVENTIVE SCREENING**  
**BLOOD PRESSURE CHECKED WITHIN PAST 2 YEARS**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had your blood pressure checked within the past year, within the past 2 years, within the past 5 years, 5 or more years ago or never?

Demographic Characteristics		Region n=6135	NE MN Region n=3769	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>95.6%</b> (95.1-96.1)	<b>95.7%</b> (95.1-96.4)	<b>96.1%</b> (93.9-98.3)
Gender	Males	94.6 (93.8-95.4)	95.2 (94.3-96.2)	95.3 (91.9-98.7)
	Female	96.5 (95.9-97.2)	96.2 (95.4-97.1)	96.9 (94.2-99.7)
Age	18-34	94.3 (93.2-95.5)	94.5 (93.1-96.0)	96.6 (92.3-101.0)
	35-44	94.3 (93.1-95.6)	94.5 (93.0-96.1)	93.4 (87.6-99.2)
	45-54	94.6 (93.3-96.0)	95.0 (93.4-96.7)	96.7 (91.9-101.5)
	55-64	96.3 (95.0-97.6)	96.8 (95.3-98.3)	94.5 (87.3-101.6)
	65-74	98.4 (97.5-99.4)	98.1 (96.7-99.4)	98.3 (93.7-102.8)
	75+	98.7 (97.8-99.5)	98.5 (97.3-99.7)	100.0
Education	Less than H.S.	96.0 (94.2-97.6)	95.5 (93.2-97.7)	NA <sup>1</sup>
	H.S. Graduate	95.2 (94.4-96.2)	95.7 (94.5-96.8)	96.7 (93.0-100.3)
	Some College	95.2 (94.2-96.2)	95.3 (94.0-96.6)	93.7 (88.6-98.7)
	Voc./Assoc. Degree	96.8 (95.5-98.2)	97.3 (95.7-98.9)	100.0
	College Graduate	96.0 (94.8-97.1)	95.9 (94.4-97.3)	96.2 (91.3-101.1)
Poverty Status	Less than 200%	93.6 (92.4-94.9)	93.4 (91.7-95.0)	88.8 (80.0-97.5)
	200% or higher	95.8 (95.1-96.5)	96.3 (95.4-97.1)	97.5 (95.1-99.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.6.C**  
**PREVENTIVE SCREENING**  
**NEVER HAD BLOOD CHOLESTEROL CHECKED**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had your blood cholesterol checked within the past year, within the past 2 years, within the past 5 years, 5 or more years ago or never?

Demographic Characteristics		Region n=5858	NE MN Region n=3602	St. Louis without Duluth <sup>1</sup> n=289
<b>Overall Percent</b>		15.8% (14.9-16.8)	15.9% (14.7-17.1)	14.5% (10.3-18.4)
Gender	Males	17.8 (16.4-19.2)	17.6 (15.8-19.4)	16.9 (10.6-23.3)
	Female	14.0 (12.8-15.2)	14.2 (12.6-15.8)	11.9 (6.6-17.2)
Age	18-34	35.4 (32.9-37.9)	35.2 (32.0-38.5)	30.3 (18.0-42.7)
	35-44	19.5 (17.3-21.6)	20.6 (17.8-23.3)	21.2 (11.3-31.1)
	45-54	10.4 (8.6-12.2)	10.1 (7.8-12.4)	11.7 (3.0-20.3)
	55-64	3.3 (2.0-4.5)	2.6 (1.2-4.0)	0.0
	65-74	3.8 (2.3-5.2)	3.7 (1.9-5.5)	5.8 (-2.7-14.2)
	75+	4.2 (2.6-5.7)	4.2 (2.2-6.3)	NA <sup>1</sup>
Education	Less than H.S.	14.7 (11.6-17.8)	14.7 (10.8-18.6)	NA <sup>1</sup>
	H.S. Graduate	17.4 (15.7-19.0)	16.4 (14.4-18.5)	11.7 (5.0-18.4)
	Some College	18.0 (16.1-20.0)	19.9 (17.3-22.4)	19.9 (11.2-28.6)
	Voc./Assoc. Degree	11.8 (9.2-14.3)	12.1 (8.7-15.4)	NA <sup>1</sup>
	College Graduate	12.6 (10.7-14.7)	12.2 (9.8-14.6)	13.2 (4.4-21.9)
Poverty Status	Less than 200%	21.4 (19.3-23.6)	21.2 (18.4-24.0)	16.1 (5.8-26.3)
	200% or higher	14.3 (13.1-15.6)	14.2 (12.6-15.7)	14.2 (8.6-19.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.6.D**  
**PREVENTIVE SCREENING**  
**BLOOD CHOLESTEROL CHECKED WITHIN PAST 2 YEARS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had your blood cholesterol checked within the past year, within the past 2 years, within the past 5 years, 5 or more years ago or never?

Demographic Characteristics		Region n=5858	NE MN Region n=3602	St. Louis without Duluth <sup>1</sup> n=287
<b>Overall Percent</b>		<b>70.6%</b> (69.5-71.8)	<b>70.5%</b> (69.0-72.0)	<b>70.4%</b> (64.8-75.4)
Gender	Males	67.0 (65.3-68.7)	67.8 (65.6-70.0)	65.2 (57.2-73.2)
	Female	74.1 (72.5-75.7)	73.2 (71.2-75.2)	74.7 (67.6-81.8)
Age	18-34	51.3 (48.6-53.9)	51.4 (48.0-54.8)	56.1 (42.8-69.5)
	35-44	59.6 (57.0-62.3)	57.9 (54.5-61.3)	53.5 (41.4-65.6)
	45-54	73.6 (71.0-76.2)	74.2 (70.9-77.6)	67.6 (55.0-80.3)
	55-64	85.4 (83.0-87.9)	85.7 (82.6-88.8)	86.5 (75.8-97.2)
	65-74	91.1 (89.0-93.2)	91.7 (89.1-94.4)	88.6 (77.1-100.1)
	75+	89.3 (86.9-91.7)	90.0 (87.1-93.1)	NA <sup>1</sup>
Education	Less than H.S.	76.2 (72.5-80.0)	76.5 (71.9-81.2)	NA <sup>1</sup>
	H.S. Graduate	70.1 (68.2-72.1)	72.1 (69.6-74.6)	77.5 (68.9-86.2)
	Some College	68.6 (66.3-70.9)	65.6 (62.6-68.6)	63.0 (52.4-73.6)
	Voc./Assoc. Degree	73.3 (69.8-76.8)	72.6 (68.0-77.2)	NA <sup>1</sup>
	College Graduate	70.4 (67.6-73.0)	70.7 (67.3-74.0)	71.8 (60.2-83.4)
Poverty Status	Less than 200%	65.6 (63.0-68.0)	66.3 (63.1-69.5)	60.8 (47.2-74.4)
	200% or higher	71.5 (70.0-73.1)	71.3 (69.3-73.3)	72.3 (65.1-79.4)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 5.6.E**  
**PREVENTIVE SCREENING**  
**BLOOD CHOLESTEROL CHECKED WITHIN PAST 5 YEARS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you had your blood cholesterol checked within the past year, within the past 2 years, within the past 5 years, 5 or more years ago or never?

Demographic Characteristics		Region n=5860	NE MN Region n=3602	St. Louis without Duluth <sup>1</sup> n=287
<b>Overall Percent</b>		<b>80.1%</b> (79.0-81.1)	<b>80.2%</b> (78.9-81.5)	<b>80.8%</b> (76.2-85.4)
Gender	Males	77.4 (75.9-79.0)	78.1 (76.2-80.1)	76.8 (69.7-83.9)
	Female	82.6 (81.2-83.9)	82.2 (80.5-84.0)	84.6 (78.7-90.5)
Age	18-34	61.0 (58.4-63.6)	62.0 (58.7-65.3)	67.0 (54.3-79.6)
	35-44	72.7 (70.3-75.1)	71.8 (68.7-74.9)	65.7 (54.2-77.2)
	45-54	85.5 (83.4-87.6)	85.8 (83.2-88.5)	85.5 (76.0-95.0)
	55-64	93.8 (92.2-95.5)	94.2 (92.2-96.3)	96.8 (91.3-102.3)
	65-74	94.8 (93.1-96.5)	95.3 (93.2-97.3)	94.2 (85.8-102.7)
	75+	93.7 (91.8-95.6)	93.7 (91.3-96.2)	NA <sup>1</sup>
Education	Less than H.S.	80.8 (77.3-84.2)	81.0 (76.7-85.3)	NA <sup>1</sup>
	H.S. Graduate	78.1 (76.3-79.8)	79.4 (77.1-81.7)	82.1 (74.2-90.1)
	Some College	78.3 (76.3-80.4)	76.6 (73.9-79.3)	78.4 (69.4-87.4)
	Voc./Assoc. Degree	83.6 (80.7-86.5)	83.1 (79.3-87.0)	NA <sup>1</sup>
	College Graduate	83.9 (81.7-86.0)	84.6 (82.0-87.2)	86.0 (77.0-94.9)
Poverty Status	Less than 200%	73.6 (71.3-75.9)	74.6 (71.6-77.6)	71.8 (59.3-84.4)
	200% or higher	81.3 (79.9-82.7)	81.4 (79.6-83.1)	81.8 (75.6-87.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



# **Chapter 6**

## **INJURY PREVENTION AND VIOLENCE**

- A. Seat Belt Use**
- B. Safety Equipment in the Home**
- C. Victims of Violence or Crime Against Property**



**TABLE 6.1**  
**INJURY PREVENTION AND VIOLENCE**  
**NON-USE<sup>1</sup> OF SEAT BELT**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** How often do you use seat belts when you drive or ride in a car?

Demographic Characteristics		Region n=6132	NE MN Region n=3769	St. Louis without Duluth <sup>2</sup> n=304
<b>Overall Percent</b>		<b>18.0%</b> (17.0-18.9)	<b>17.4%</b> (16.2-18.6)	<b>13.8%</b> (10.1-17.9)
Gender	Male	26.3 (24.8-27.9)	25.9 (23.9-27.9)	22.2 (15.5-28.9)
	Female	9.9 (8.9-11.0)	9.2 (7.9-10.5)	5.9 (2.2-9.7)
Age	18 to 34	22.3 (20.2-24.4)	21.2 (18.5-23.8)	19.6 (10.0-29.2)
	35 to 44	20.9 (18.7-23.1)	21.1 (18.3-23.8)	15.4 (6.8-24.0)
	45 to 54	15.5 (13.3-17.6)	14.0 (16.7-10.0)	9.0 (1.3-16.7)
	55 to 64	17.7 (15.0-20.3)	17.8 (14.4-21.2)	17.3 (5.5-29.1)
	65 to 74	11.9 (9.4-14.3)	10.9 (7.9-13.9)	4.7 (-2.8-12.2)
	75 and older	12.7 (10.1-15.2)	12.9 (9.6-16.2)	12.8 (0.5-25.0)
Education	Less than H.S.	26.8 (23.0-30.5)	26.7 (22.0-31.4)	NA <sup>2</sup>
	H.S. Graduate	20.4 (18.7-22.1)	19.3 (17.2-21.5)	13.5 (6.5-20.4)
	Some College	17.8 (16.0-19.7)	17.8 (15.5-20.2)	14.9 (7.5-22.4)
	Voc./Assoc. Degree	12.6 (10.0-15.1)	12.1 (8.9-15.4)	9.1 (-1.5-19.7)
	College Graduate	12.3 (10.4-14.2)	11.9 (9.5-14.2)	12.0 (3.5-20.5)
Poverty Status	Less than 200%	21.9 (19.7-23.9)	22.4 (19.7-25.2)	22.5 (11.0-34.1)
	200% or higher	17.6 (16.3-19.0)	16.6 (15.0-18.2)	12.4 (7.5-17.4)

<sup>1</sup> Non-use is defined as responses of sometimes, seldom or never using seat belts.

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 6.2.A**  
**INJURY PREVENTION AND VIOLENCE**  
**SAFETY EQUIPMENT IN HOME:**  
**WORKING SMOKE DETECTOR**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Do you have any of the following in your home?

Working smoke detector

Fire extinguisher

Carbon monoxide detector

Demographic Characteristics		Region n=6140	NE MN Region n=3628	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>95.2%</b> (94.7-95.8)	<b>96.1%</b> (95.5-96.7)	<b>95.8%</b> (93.7-98.2)
Gender	Male	95.4 (94.7-96.2)	96.3 (95.4-97.2)	97.6 (95.1-100.0)
	Female	95.1 (94.3-95.8)	96.0 (95.1-96.8)	94.4 (90.7-98.0)
Age	18 to 34	95.0 (93.9-96.1)	96.0 (94.7-97.2)	91.2 (84.2-98.1)
	35 to 44	97.2 (96.3-98.1)	97.4 (96.3-98.5)	0.0
	45 to 54	95.1 (93.8-96.3)	95.3 (93.7-96.9)	95.7 (90.3-101.2)
	55 to 64	94.3 (92.7-95.9)	95.5 (93.6-97.3)	92.8 (84.7-100.9)
	65 to 74	96.8 (95.5-98.1)	98.0 (96.7-99.3)	0.0
	75 and older	91.8 (89.7-93.9)	94.1 (91.8-96.4)	96.9 (90.5-103.3)
Education	Less than H.S.	92.7 (90.5-94.9)	93.4 (90.7-96.0)	NA <sup>1</sup>
	H.S. Graduate	94.9 (94.0-95.8)	96.1 (95.1-97.2)	98.5 (95.9-101.0)
	Some College	94.5 (93.4-95.6)	95.3 (94.1-96.6)	92.1 (86.5-97.7)
	Voc./Assoc. Degree	97.7 (96.5-98.8)	98.1 (96.8-99.5)	0.0
	College Graduate	96.8 (95.8-97.8)	97.4 (96.3-98.6)	97.9 (94.2-101.6)
Poverty Status	Less than 200%	92.3 (91.0-93.7)	94.4 (92.8-95.9)	84.8 (74.9-94.7)
	200% or higher	96.6 (95.9-97.2)	97.1 (96.3-97.8)	98.7 (97.0-100.4)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 6.2.B**  
**INJURY PREVENTION AND VIOLENCE**  
**SAFETY EQUIPMENT IN HOME:**  
**FIRE EXTINGUISHER**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Do you have any of the following in your home?

Working smoke detector

Fire extinguisher

Carbon monoxide detector

Demographic Characteristics		Region n=6131	NE MN Region n=3768	St. Louis without Duluth <sup>1</sup> n=307
Overall Percent		79.9% (78.9-80.9)	81.1% (79.9-82.4)	80.5% (76.1-85.0)
Gender	Male	82.1 (80.8-83.5)	83.4 (81.7-85.1)	83.1 (77.1-89.1)
	Female	77.8 (76.4-79.3)	78.9 (77.1-80.8)	77.9 (71.3-84.6)
Age	18 to 34	74.3 (72.1-76.5)	76.0 (73.2-78.7)	72.9 (62.2-83.7)
	35 to 44	81.5 (79.4-83.5)	82.8 (80.2-85.3)	77.6 (67.8-87.4)
	45 to 54	84.9 (82.8-87.0)	85.2 (82.5-87.9)	88.3 (79.5-97.0)
	55 to 64	81.5 (78.8-84.2)	83.4 (80.1-86.6)	82.7 (70.9-94.5)
	65 to 74	81.2 (78.3-84.1)	82.4 (78.7-86.0)	85.0 (72.5-97.6)
	75 and older	78.5 (75.3-81.6)	78.9 (74.9-82.9)	82.5 (68.6-96.5)
Education	Less than H.S.	74.5 (70.9-78.2)	76.6 (72.1-81.1)	NA <sup>1</sup>
	H.S. Graduate	80.7 (79.0-82.4)	81.7 (79.6-83.9)	83.2 (75.6-90.8)
	Some College	79.1 (77.1-81.0)	80.3 (77.9-82.8)	76.1 (67.3-85.0)
	Voc./Assoc. Degree	83.9 (81.1-86.7)	83.8 (80.1-87.5)	NA <sup>1</sup>
	College Graduate	80.3 (77.9-82.6)	81.9 (79.1-84.7)	82.9 (73.3-92.6)
Poverty Status	Less than 200%	74.7 (72.4-76.9)	75.6 (72.7-78.4)	72.0 (59.6-84.4)
	200% or higher	81.6 (80.3-83.0)	83.2 (81.6-84.9)	81.6 (75.8-87.5)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 6.2.C**  
**INJURY PREVENTION AND VIOLENCE**  
**SAFETY EQUIPMENT IN HOME:**  
**CARBON MONOXIDE DETECTOR**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Do you have any of the following in your home?

- Working smoke detector
- Fire extinguisher
- Carbon monoxide detector

Demographic Characteristics		Region n=6106	NE MN Region n=3751	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>46.9%</b> (45.6-48.1)	<b>47.3%</b> (45.7-48.9)	<b>48.2%</b> (42.5-53.8)
Gender	Male	46.9 (45.1-48.7)	48.1 (45.8-50.3)	52.6 (44.6-60.7)
	Female	46.8 (45.0-48.5)	46.6 (44.3-48.8)	43.8 (35.9-51.7)
Age	18 to 34	50.0 (47.5-52.5)	49.3 (46.0-52.5)	50.1 (38.0-62.2)
	35 to 44	46.7 (44.0-49.3)	46.8 (43.4-50.2)	45.3 (33.6-56.9)
	45 to 54	46.1 (43.1-49.1)	48.4 (44.6-52.2)	51.9 (38.3-65.6)
	55 to 64	46.6 (43.1-50.0)	47.3 (42.9-51.7)	44.6 (29.2-60.1)
	65 to 74	48.7 (44.9-52.4)	48.7 (43.9-53.4)	46.5 (29.0-64.0)
	75 and older	39.6 (35.9-43.4)	40.5 (35.7-45.3)	50.7 (32.0-69.4)
Education	Less than H.S.	44.8 (40.6-49.0)	47.0 (41.7-52.4)	NA <sup>1</sup>
	H.S. Graduate	47.4 (45.3-49.6)	48.9 (46.2-51.7)	50.2 (40.0-60.5)
	Some College	43.5 (41.0-45.8)	43.6 (40.5-46.6)	41.3 (31.0-51.5)
	Voc./Assoc. Degree	52.9 (49.1-56.7)	52.4 (47.4-57.4)	63.5 (45.7-81.3)
	College Graduate	48.3 (45.3-51.2)	47.2 (43.5-50.8)	42.4 (29.7-55.2)
Poverty Status	Less than 200%	40.4 (37.8-42.8)	39.3 (36.1-42.6)	48.3 (34.5-62.1)
	200% or higher	49.0 (47.3-50.8)	50.4 (48.2-52.6)	44.3 (36.8-51.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 6.3.A**  
**INJURY PREVENTION AND VIOLENCE**  
**VICTIMS OF VIOLENCE<sup>1</sup>**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year have you been: A victim of violence?

Demographic Characteristics		Region n=6161	NE MN Region n=3787	St. Louis without Duluth <sup>2</sup> n=308
<b>Overall Percent</b>		<b>7.5%</b> (6.9-8.2)	<b>7.7%</b> (6.8-8.5)	<b>8.1%</b> (5.0-11.1)
Gender	Male	8.0 (7.1-9.0)	8.6 (7.3-9.9)	9.7 (5.0-14.5)
	Female	7.0 (6.1-7.9)	6.8 (5.6-7.9)	6.4 (2.5-10.2)
Age	18 to 34	12.1 (10.4-13.7)	11.8 (9.7-13.9)	11.3 (3.7-19.0)
	35 to 44	9.1 (7.6-10.6)	9.1 (7.1-11.0)	9.3 (2.5-16.1)
	45 to 54	7.5 (5.9-9.1)	7.7 (5.7-9.7)	7.9 (0.6-15.1)
	55 to 64	3.9 (2.6-5.2)	4.1 (2.3-5.8)	5.5 (-1.6-12.6)
	65 to 74	2.5 (1.3-3.6)	2.7 (1.2-4.2)	1.9 (-2.9-6.6)
	75 and older	3.8 (2.3-5.3)	4.8 (2.7-6.9)	8.3 (-1.8-18.4)
Education	Less than H.S.	8.3 (6.0-10.6)	8.5 (5.6-11.5)	NA <sup>2</sup>
	H.S. Graduate	6.9 (5.8-8.0)	6.8 (5.4-8.2)	5.7 (1.0-10.5)
	Some College	7.7 (6.4-9.0)	7.8 (6.2-9.4)	7.4 (2.0-12.9)
	Voc./Assoc. Degree	7.5 (5.5-9.5)	6.5 (4.0-8.9)	7.8 (-2.1-17.8)
	College Graduate	8.1 (6.6-9.7)	9.2 (7.1-11.3)	11.2 (3.1-19.2)
Poverty Status	Less than 200%	10.1 (8.6-11.7)	10.2 (8.1-12.2)	2.1 (-1.9-6.1)
	200% or higher	6.3 (5.5-7.1)	6.5 (5.5-7.6)	6.9 (3.1-10.7)

<sup>1</sup> Victims of violence included those physically injured by another person, threatened or intimidated, sexually harassed or sexually assaulted.

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 6.3.B**  
**INJURY PREVENTION AND VIOLENCE**  
**VICTIMS OF CRIME AGAINST PROPERTY<sup>1</sup>**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year have you been: a victim of crime against property?

Demographic Characteristics		Region n=6159	NE MN Region n=3787	St. Louis without Duluth <sup>2</sup> n=308
<b>Overall Percent</b>		<b>11.6%</b> (10.8-12.4)	<b>11.7%</b> (10.7-12.8)	<b>11.0%</b> (7.6-14.7)
Gender	Male	11.4 (10.3-12.6)	11.5 (10.0-12.9)	7.3 (3.1-11.5)
	Female	11.7 (10.6-12.8)	12.0 (10.6-13.5)	15.0 (9.3-20.6)
Age	18 to 34	14.7 (12.9-16.5)	15.3 (12.9-17.6)	13.0 (4.9-21.1)
	35 to 44	13.1 (11.3-14.9)	12.5 (10.2-14.7)	9.2 (2.4-16.0)
	45 to 54	12.1 (10.1-14.0)	12.4 (9.9-15.0)	9.6 (1.7-17.6)
	55 to 64	10.5 (8.4-12.6)	11.5 (8.7-14.2)	17.5 (5.7-29.4)
	65 to 74	5.5 (3.8-7.2)	5.4 (3.2-7.5)	1.7 (-2.8-6.3)
	75 and older	8.0 (5.9-10.0)	8.0 (5.3-10.6)	15.9 (2.5-29.3)
Education	Less than H.S.	9.3 (6.8-11.7)	9.9 (6.8-13.1)	NA <sup>2</sup>
	H.S. Graduate	10.8 (9.5-12.1)	9.5 (7.9-11.1)	10.7 (4.4-10.9)
	Some College	13.6 (11.9-15.2)	14.4 (12.3-16.6)	11.5 (4.9-18.1)
	Voc./Assoc. Degree	9.9 (7.6-12.1)	9.3 (6.4-12.2)	6.9 (-2.4-16.3)
	College Graduate	12.3 (10.4-14.2)	14.0 (11.5-16.5)	14.4 (5.4-23.4)
Poverty Status	Less than 200%	13.4 (11.7-15.2)	12.5 (10.3-14.7)	16.4 (6.2-26.7)
	200% or higher	11.3 (10.2-12.4)	12.0 (10.5-13.4)	10.3 (5.7-14.9)

<sup>1</sup> Victims of crime against property included those robbed or burglarized and victims of property damage or vandalism by another person.

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 6.3.C**  
**INJURY PREVENTION AND VIOLENCE**  
**VICTIMS OF VIOLENCE AND/OR CRIME AGAINST PROPERTY<sup>1</sup>**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year have you been: A victim of violence, or a victim of crime against property?

Demographic Characteristics		Region n=6159	NE MN Region n=3786	St. Louis without Duluth <sup>2</sup> n=309
<b>Overall Percent</b>		<b>16.8%</b> (15.8-17.7)	<b>17.1%</b> (15.9-18.3)	<b>17.5%</b> (13.2-21.7)
Gender	Male	17.2 (15.9-18.6)	17.7 (16.0-19.5)	17.0 (11.0-23.1)
	Female	16.4 (15.1-17.6)	16.4 (14.8-18.1)	17.8 (11.7-23.9)
Age	18 to 34	22.5 (20.4-24.6)	22.4 (19.7-25.1)	21.0 (11.2-30.9)
	35 to 44	19.2 (17.1-21.3)	19.0 (16.4-21.7)	15.0 (6.6-23.3)
	45 to 54	17.7 (15.4-19.9)	18.0 (15.1-21.0)	16.6 (6.5-26.6)
	55 to 64	13.7 (11.3-16.0)	14.7 (11.6-17.8)	23.0 (9.9-36.1)
	65 to 74	7.3 (5.3-9.2)	7.6 (5.0-10.1)	3.6 (-2.9-10.11)
	75 and older	11.2 (8.8-13.6)	12.1 (9.0-15.3)	24.2 (8.5-39.9)
Education	Less than H.S.	15.5 (12.5-18.6)	16.8 (12.8-20.8)	NA <sup>2</sup>
	H.S. Graduate	15.7 (14.2-17.3)	14.2 (12.3-16.1)	16.4 (8.9-23.9)
	Some College	19.0 (17.1-20.9)	20.6 (18.1-23.1)	18.6 (10.5-26.7)
	Voc./Assoc. Degree	14.5 (11.8-17.2)	13.3 (9.9-16.7)	11.2 (-0.5-22.8)
	College Graduate	17.6 (15.3-19.8)	19.5 (16.6-22.3)	19.0 (9.0-29.1)
Poverty Status	Less than 200%	19.7 (17.6-21.7)	19.3 (16.7-22.0)	18.1 (7.4-28.7)
	200% or higher	15.8 (14.6-17.1)	16.4 (14.8-18.0)	14.7 (9.4-20.0)

<sup>1</sup> Victims of violence included those physically injured by another person, threatened or intimidated, sexually harassed or sexually assaulted.

Victims of crime against property included those robbed or burglarized and victims of property damage or vandalism by another person.

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



# **Chapter 7**

## **TOBACCO USE**

- A. Cigarette Smoking**
- B. Smoking in the Home**
- C. Other Tobacco Use**
- D. Attitudes Towards Smoking Regulations**





**TABLE 7.1.A**  
**TOBACCO USE**  
**CIGARETTE SMOKING: NEVER SMOKED**

**2000 BRIDGE TO HEALTH SURVEY**

**Question:** Have you smoked at least 100 cigarettes in your entire life?  
(If yes, smoked at least 100 cigarettes) Are you currently a smoker?

Demographic Characteristics		Region n=6128	NE MN Region n=3764	St. Louis without Duluth n=186
Overall Percent		47.2%	47.7%	48.9%
Gender	Male	41.9 (40.2-43.7)	43.0 (40.7-45.2)	43.5 (33.1-53.9)
	Female	52.3 (50.5-54.0)	52.1 (49.9-54.4)	54.2 (44.0-64.4)
Age	18 to 34	51.6 (49.1-54.2)	54.4 (51.2-57.6)	57.4 (39.6-75.3)
	35 to 44	48.1 (45.4-50.7)	48.8 (45.4-52.2)	45.7 (28.2-63.2)
	45 to 54	44.3 (41.4-47.3)	43.1 (39.3-46.8)	45.0 (27.6-62.4)
	55 to 64	38.5 (35.2-41.9)	37.4 (33.1-41.6)	41.2 (23.0-59.4)
	65 to 74	44.4 (40.6-48.1)	43.5 (38.7-48.3)	NA <sup>2</sup>
	75 and older	53.6 (49.8-57.4)	54.0 (49.2-58.9)	NA <sup>2</sup>
Education	Less than H.S.	41.4 (37.1-45.4)	42.2 (36.9-47.4)	NA <sup>2</sup>
	H.S. Graduate	43.5 (41.4-45.6)	44.1 (41.4-46.8)	42.7 (31.2-54.2)
	Some College	45.4 (43.0-47.8)	46.4 (43.3-49.5)	46.8 (30.6-63.0)
	Voc./Assoc. Degree	52.4 (48.7-56.3)	51.7 (46.7-56.6)	NA <sup>2</sup>
	College Graduate	56.5 (53.6-59.4)	56.0 (52.4-59.6)	NA <sup>2</sup>
Poverty Status	Less than 200%	44.0 (41.5-46.6)	44.2 (40.9-47.6)	51.1 (36.8-65.3)
	200% or higher	45.1 (43.4-46.8)	45.2 (43.0-47.3)	48.0 (37.9-58.0)

<sup>2</sup> Cell size is 30 respondents or less, so use caution when drawing conclusions about this result.

**TABLE 7.1.B  
TOBACCO USE  
FORMER SMOKER**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you smoked at least 100 cigarettes in your entire life?  
(If yes, smoked at least 100 cigarettes) Are you currently a smoker?

Demographic Characteristics		Region n=6128	NE MN Region n=3765	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>30.6%</b> (29.4-31.8)	<b>31.0%</b> (29.5-32.4)	<b>32.6%</b> (27.3-37.8)
Gender	Male	35.0 (33.3-36.7)	35.5 (33.3-37.7)	31.5 (24.0-38.9)
	Female	26.4 (24.9-28.0)	26.7 (24.7-28.7)	33.6 (26.1-41.1)
Age	18 to 34	19.4 (17.4-21.4)	19.8 (17.2-22.3)	18.1 (8.8-27.4)
	35 to 44	25.3 (23.0-27.7)	25.4 (22.4-28.4)	26.1 (15.8-36.3)
	45 to 54	32.5 (29.7-35.2)	33.3 (29.7-36.9)	30.3 (17.9-42.7)
	55 to 64	41.7 (38.4-45.1)	42.1 (37.8-46.5)	48.8 (33.2-64.3)
	65 to 74	41.6 (37.9-45.3)	43.0 (38.2-47.8)	46.3 (28.5-64.2)
	75 and older	38.8 (35.1-42.5)	38.4 (33.7-43.2)	46.6 (28.3-64.9)
Education	Less than H.S.	33.8 (29.9-37.9)	35.5 (30.4-40.7)	NA <sup>1</sup>
	H.S. Graduate	29.3 (27.4-31.3)	29.7 (27.2-32.2)	32.5 (22.9-42.0)
	Some College	30.5 (28.3-32.8)	30.7 (27.9-33.5)	31.3 (21.6-40.9)
	Voc./Assoc. Degree	30.9 (27.4-34.5)	31.0 (26.3-35.6)	34.2 (16.7-51.8)
	College Graduate	31.4 (28.7-34.1)	31.6 (28.2-34.9)	34.6 (22.3-47.0)
Poverty Status	Less than 200%	26.3 (24.0-28.6)	26.2 (23.2-29.1)	22.1 (10.6-33.5)
	200% or higher	34.1 (32.5-35.7)	34.9 (32.8-37.0)	35.8 (28.6-43.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.1.C  
TOBACCO USE  
CURRENT SMOKER**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you smoked at least 100 cigarettes in your entire life?  
(If yes, smoked at least 100 cigarettes) Are you currently a smoker?

Demographic Characteristics		Region n=6128	NE MN Region n=3765	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>22.2%</b> (21.2-23.2)	<b>21.4%</b> (20.1-22.7)	<b>22.5%</b> (17.7-27.1)
Gender	Male	23.1 (21.6-24.6)	21.6 (19.7-23.4)	22.8 (16.0-29.5)
	Female	21.3 (19.9-22.7)	21.2 (19.4-23.0)	22.0 (15.4-28.6)
Age	18 to 34	28.9 (26.7-31.2)	25.8 (23.0-28.6)	31.0 (19.8-42.2)
	35 to 44	26.6 (24.2-28.9)	25.8 (22.8-28.8)	22.2 (12.4-31.9)
	45 to 54	23.2 (20.7-25.7)	23.6 (20.4-26.9)	27.9 (15.8-40.0)
	55 to 64	19.7 (17.0-22.5)	20.5 (16.9-24.1)	19.2 (6.9-31.4)
	65 to 74	14.0 (11.4-16.6)	13.5 (10.2-16.8)	8.2 (-1.6-18.1)
	75 and older	7.6 (5.5-9.6)	7.6 (5.0-10.1)	13.5 (0.9-26.0)
Education	Less than H.S.	24.8 (21.2-28.5)	22.3 (17.9-26.8)	NA <sup>1</sup>
	H.S. Graduate	27.1 (25.2-29.0)	26.2 (23.8-28.6)	23.8 (15.2-32.5)
	Some College	24.1 (22.0-26.1)	22.9 (20.3-25.5)	29.4 (19.9-38.8)
	Voc./Assoc. Degree	16.6 (13.7-19.5)	17.4 (13.6-21.2)	10.8 (-0.6-22.3)
	College Graduate	12.1 (10.2-14.0)	12.4 (10.0-14.8)	14.3 (5.2-23.4)
Poverty Status	Less than 200%	29.7 (27.3-32.0)	29.6 (26.5-32.7)	40.8 (27.3-54.4)
	200% or higher	20.8 (19.4-22.2)	19.9 (18.2-21.7)	20.9 (14.8-27.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.1.D**  
**TOBACCO USE**  
**CURRENT SMOKERS WHO TRIED TO QUIT IN PAST YEAR**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you smoked at least 100 cigarettes in your entire life?

(If yes, smoked at least 100 cigarettes) Are you currently a smoker?

(For current smokers) Last year, how many times have you quit smoking for at least one day?

Demographic Characteristics		Region n=1300	NE MN Region n=767	St. Louis without Duluth <sup>1</sup> n=64
<b>Overall Percent</b>		<b>56.7%</b> (54.0-59.4)	<b>54.9%</b> (51.4-58.5)	<b>60.9%</b> (48.2-72.8)
Gender	Male	54.4 (50.6-58.2)	53.9 (48.9-59.0)	64.3 (46.5-82.1)
	Female	59.2 (55.3-63.0)	56.0 (51.0-60.9)	56.9 (39.0-74.9)
Age	18 to 34	67.9 (63.5-72.4)	65.6 (59.4-71.8)	NA <sup>1</sup>
	35 to 44	45.3 (40.0-50.5)	44.0 (37.3-50.7)	NA <sup>1</sup>
	45 to 54	50.5 (44.1-56.8)	49.7 (41.7-57.8)	NA <sup>1</sup>
	55 to 64	63.6 (55.9-71.2)	60.7 (50.9-70.5)	NA <sup>1</sup>
	65 to 74	54.4 (44.0-64.8)	53.0 (39.4-66.6)	NA <sup>1</sup>
	75 and older	54.3 (37.3-71.3)	66.4 (44.2-88.5)	NA <sup>1</sup>
Education	Less than H.S.	49.2 (40.8-58.0)	48.3 (36.7-59.9)	NA <sup>1</sup>
	H.S. Graduate	58.0 (54.0-62.2)	55.1 (49.6-60.6)	NA <sup>1</sup>
	Some College	64.0 (59.2-68.9)	66.0 (59.7-72.2)	NA <sup>1</sup>
	Voc./Assoc. Degree	52.9 (42.8-62.3)	51.3 (38.7-63.8)	NA <sup>1</sup>
	College Graduate	39.5 (31.2-48.3)	34.1 (23.9-44.2)	NA <sup>1</sup>
Poverty Status	Less than 200%	54.6 (49.8-59.4)	53.1 (46.8-59.4)	NA <sup>1</sup>
	200% or higher	57.3 (53.5-61.1)	56.0 (50.9-61.0)	61.6 (43.9-79.3)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.1.E**  
**TOBACCO USE**  
**CURRENT SMOKERS WHO ARE SERIOUSLY THINKING OF QUITTING**  
**IN THE NEXT 30 DAYS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Have you smoked at least 100 cigarettes in your entire life?  
 (If yes, smoked at least 100 cigarettes) Are you currently a smoker?  
 (For current smokers) Are you seriously thinking of quitting smoking?  
 Yes, within the next 30 days  
 Yes, within the next 6 months  
 Yes, more than 6 months from now  
 No, not thinking of quitting

Demographic Characteristics		Region n=1304	NE MN Region n=763	St. Louis without Duluth <sup>1</sup> n=67
<b>Overall Percent</b>		<b>26.7%</b> (24.3-29.1)	<b>26.6%</b> (23.4-29.7)	<b>22.4%</b> (11.9-32.3)
Gender	Male	27.2 (23.8-30.6)	26.9 (22.4-31.5)	18.4 (4.5-32.3)
	Female	26.1 (22.7-29.5)	26.2 (21.8-30.6)	25.8 (10.3-41.4)
Age	18 to 34	31.7 (27.3-36.1)	30.1 (24.2-36.1)	NA <sup>1</sup>
	35 to 44	21.9 (17.4-26.3)	24.4 (18.4-30.4)	NA <sup>1</sup>
	45 to 54	22.0 (16.7-27.3)	20.2 (13.7-26.8)	NA <sup>1</sup>
	55 to 64	26.0 (19.0-33.0)	27.0 (18.0-35.9)	NA <sup>1</sup>
	65 to 74	40.8 (30.5-51.1)	44.0 (30.2-57.9)	NA <sup>1</sup>
	75 and older	15.2 (4.8-25.5)	12.8 (0.1-25.4)	NA <sup>1</sup>
Education	Less than H.S.	34.3 (26.2-42.6)	39.7 (28.3-51.2)	NA <sup>1</sup>
	H.S. Graduate	25.3 (21.8-28.9)	22.6 (18.0-27.2)	NA <sup>1</sup>
	Some College	24.7 (20.4-29.1)	23.1 (17.5-28.8)	NA <sup>1</sup>
	Voc./Assoc. Degree	35.0 (25.4-44.1)	40.3 (27.8-52.8)	NA <sup>1</sup>
	College Graduate	23.8 (16.3-31.3)	29.2 (19.2-39.1)	NA <sup>1</sup>
Poverty Status	Less than 200%	28.5 (24.2-32.8)	28.9 (23.2-34.6)	NA <sup>1</sup>
	200% or higher	26.7 (23.3-30.2)	26.8 (22.3-31.3)	19.8 (5.8-33.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.2.A  
TOBACCO USE  
SOMEONE REGULARLY SMOKES INSIDE HOME**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Does anyone, including yourself, regularly smoke inside your home?

Demographic Characteristics		Region n=6155	NE MN Region n=3785	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>23.8%</b> (22.7-24.8)	<b>23.4%</b> (22.1-24.8)	<b>19.8%</b> (15.4-24.3)
Gender	Male	25.1 (23.6-26.7)	23.9 (22.0-25.9)	20.6 (14.1-27.1)
	Female	22.5 (21.0-23.9)	23.0 (21.1-24.9)	19.1 (12.9-25.4)
Age	18 to 34	28.6 (26.3-30.8)	26.7 (23.9-29.6)	22.8 (12.7-32.9)
	35 to 44	23.3 (21.0-25.6)	22.7 (19.9-25.5)	11.6 (4.1-19.1)
	45 to 54	24.8 (22.2-27.4)	25.9 (22.5-29.2)	26.0 (14.2-37.9)
	55 to 64	26.1 (23.1-29.2)	27.6 (23.6-31.5)	34.1 (19.4-48.9)
	65 to 74	19.0 (16.1-21.9)	18.4 (14.7-22.1)	9.9 (-0.6-20.4)
	75 and older	14.1 (11.5-16.8)	13.6 (10.3-17.0)	13.0 (0.7-25.3)
Education	Less than H.S.	32.0 (28.1-35.9)	29.4 (24.6-34.2)	NA <sup>1</sup>
	H.S. Graduate	28.0 (26.1-29.9)	28.7 (26.2-31.2)	20.0 (11.8-28.1)
	Some College	24.5 (22.4-26.6)	22.8 (20.2-25.4)	22.4 (13.8-31.1)
	Voc./Assoc. Degree	20.5 (17.4-23.6)	21.7 (17.6-25.8)	17.9 (3.7-32.0)
	College Graduate	12.6 (10.6-14.5)	13.3 (10.9-15.8)	18.3 (8.4-28.2)
Poverty Status	Less than 200%	28.2 (25.9-30.5)	28.8 (25.8-31.8)	19.0 (8.2-29.9)
	200% or higher	22.4 (20.9-23.8)	21.6 (19.8-23.4)	21.5 (15.3-27.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.2.B**  
**TOBACCO USE**  
**PRESENCE OF OTHER ADULTS IN HOUSEHOLDS WHERE SOMEONE**  
**REGULARLY SMOKES INSIDE HOME**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Does anyone, including yourself, regularly smoke inside your home?  
Including yourself, how many adults and how many children live in your household

Demographic Characteristics		Region n=1464	NE MN Region n=888	St. Louis without Duluth <sup>1</sup> n=61
<b>Overall Percent</b>		<b>87.4%</b> (85.7-89.1)	<b>88.2%</b> (86.1-90.3)	<b>88.5%</b> (80.3-96.8)
Gender	Male	86.2 (83.8-88.7)	86.8 (83.6-90.0)	87.9 (75.8-99.9)
	Female	88.7 (86.3-91.0)	89.6 (86.8-92.5)	NA <sup>1</sup>
Age	18 to 34	93.7 (91.4-96.0)	93.1 (89.9-96.2)	NA <sup>1</sup>
	35 to 44	85.8 (81.9-89.7)	87.0 (82.2-91.8)	NA <sup>1</sup>
	45 to 54	89.3 (85.5-93.0)	91.4 (87.2-95.7)	NA <sup>1</sup>
	55 to 64	87.0 (82.5-91.6)	88.3 (82.9-93.7)	NA <sup>1</sup>
	65 to 74	78.3 (71.2-85.4)	78.1 (68.7-87.4)	NA <sup>1</sup>
	75 and older	71.3 (62.0-80.7)	74.1 (62.1-86.0)	NA <sup>1</sup>
Education	Less than H.S.	82.4 (76.9-88.2)	85.3 (78.2-92.3)	NA <sup>1</sup>
	H.S. Graduate	89.1 (86.5-91.5)	89.7 (86.6-92.8)	NA <sup>1</sup>
	Some College	85.9 (82.5-89.3)	85.8 (81.3-90.3)	NA <sup>1</sup>
	Voc./Assoc. Degree	88.1 (82.9-93.8)	89.3 (82.6-96.1)	NA <sup>1</sup>
	College Graduate	89.5 (84.5-94.7)	90.6 (84.7-96.4)	NA <sup>1</sup>
Poverty Status	Less than 200%	80.4 (76.6-84.3)	82.8 (78.1-87.5)	NA <sup>1</sup>
	200% or higher	90.6 (88.4-92.7)	90.5 (87.7-93.3)	91.9 (82.6-101.1)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 7.2.C**  
**TOBACCO USE**  
**PRESENCE OF CHILDREN UNDER AGE 5 IN HOUSEHOLDS WHERE**  
**SOMEONE REGULARLY SMOKES INSIDE THE HOME**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Does anyone, including yourself, regularly smoke inside your home?  
Including yourself, how many adults and how many children live in your household

Demographic Characteristics		Region n=1441	NE MN Region n=867	St. Louis without Duluth <sup>1</sup> n=56
<b>Overall Percent</b>		14.2% (12.3-15.9)	13.1% (10.9-15.4)	10.7% (2.4-19.0)
Gender	Male	13.5 (11.0-15.9)	10.7 (7.8-13.7)	NA <sup>1</sup>
	Female	14.9 (12.2-17.5)	15.5 (12.1-18.9)	NA <sup>1</sup>
Age	18 to 34	32.5 (28.1-37.0)	30.9 (25.0-36.8)	NA <sup>1</sup>
	35 to 44	14.1 (10.2-17.9)	14.2 (9.2-19.3)	NA <sup>1</sup>
	45 to 54	7.8 (4.5-11.1)	7.1 (3.1-11.1)	NA <sup>1</sup>
	55 to 64	0.0	0.0	NA <sup>1</sup>
	65 to 74	0.4 (-0.7-1.4)	0.5 (-1.1-2.1)	NA <sup>1</sup>
	75 and older	0.0	0.0	NA <sup>1</sup>
Education	Less than H.S.	9.7 (5.2-13.9)	13.5 (6.7-20.3)	NA <sup>1</sup>
	H.S. Graduate	17.2 (14.2-20.3)	12.6 (9.2-16.0)	NA <sup>1</sup>
	Some College	9.6 (6.7-12.5)	8.9 (5.2-12.7)	NA <sup>1</sup>
	Voc./Assoc. Degree	20.7 (13.7-27.5)	25.7 (16.2-35.2)	NA <sup>1</sup>
	College Graduate	13.1 (7.2-19.0)	13.3 (6.0-20.6)	NA <sup>1</sup>
Poverty Status	Less than 200%	15.3 (11.7-18.7)	14.4 (10.0-18.8)	NA <sup>1</sup>
	200% or higher	15.1 (12.4-17.7)	13.4 (10.1-16.6)	17.4 (4.1-30.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.2.D**  
**TOBACCO USE**  
**PRESENCE OF CHILDREN AGE 5-17 IN HOUSEHOLDS WHERE**  
**SOMEONE REGULARLY SMOKES INSIDE THE HOME**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Does anyone, including yourself, regularly smoke inside your home?  
Including yourself, how many adults and how many children live in your household

Demographic Characteristics		Region n=1459	NE MN Region n=882	St. Louis without Duluth <sup>1</sup> n=59
<b>Overall Percent</b>		<b>28.8%</b> (26.5-31.1)	<b>28.5%</b> (25.5-31.5)	<b>22.0%</b> (12.0-33.8)
Gender	Male	25.2 (22.1-28.3)	25.9 (21.8-30.0)	20.0 (5.2-34.8)
	Female	32.8 (29.3-36.2)	31.1 (26.7-35.4)	NA <sup>1</sup>
Age	18 to 34	35.9 (31.4-40.4)	35.9 (30.0-41.9)	NA <sup>1</sup>
	35 to 44	49.2 (43.7-54.8)	49.2 (42.1-56.4)	NA <sup>1</sup>
	45 to 54	32.9 (27.2-38.6)	32.8 (25.6-39.9)	NA <sup>1</sup>
	55 to 64	7.4 (3.9-10.9)	6.7 (2.5-10.9)	NA <sup>1</sup>
	65 to 74	1.4 (-0.6-3.4)	1.4 (-1.3-4.1)	NA <sup>1</sup>
	75 and older	2.8 (-0.6-6.1)	2.0 (-1.8-5.9)	NA <sup>1</sup>
Education	Less than H.S.	24.4 (18.2-31.0)	22.7 (14.4-31.0)	NA <sup>1</sup>
	H.S. Graduate	28.6 (25.0-32.2)	27.7 (23.1-32.2)	NA <sup>1</sup>
	Some College	28.2 (23.8-32.6)	28.9 (23.0-34.8)	NA <sup>1</sup>
	Voc./Assoc. Degree	40.0 (31.7-48.4)	41.1 (30.4-51.8)	NA <sup>1</sup>
	College Graduate	26.2 (18.8-33.5)	25.6 (16.7-34.4)	NA <sup>1</sup>
Poverty Status	Less than 200%	29.5 (25.1-33.9)	27.6 (22.0-33.2)	NA <sup>1</sup>
	200% or higher	27.1 (23.9-30.5)	29.4 (25.0-33.7)	20.9 (7.0-34.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.3.A**  
**TOBACCO USE**  
**RULES ABOUT SMOKING IN THE HOME:**  
**SMOKING ALLOWED ANYWHERE AND ANY TIME**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Which of the following statements best describes the rules about smoking inside your home (not including decks, garages or porches)?

Smoking is allowed anywhere and at any time

Smoking is allowed in some places or at some times

Smoking is not allowed in any place or at any time

Demographic Characteristics		Region n=6158	NE MN Region n=3786	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>20.2%</b> (19.2-21.2)	<b>19.7%</b> (18.4-21.0)	<b>19.5%</b> (15.2-24.1)
Gender	Male	24.0 (22.5-25.5)	23.5 (21.5-25.4)	25.7 (18.7-32.7)
	Female	16.5 (15.2-17.8)	16.1 (14.5-17.8)	13.7 (8.2-19.1)
Age	18 to 34	19.8 (17.8-21.8)	17.5 (15.0-19.9)	21.1 (11.3-31.0)
	35 to 44	19.7 (17.6-21.8)	19.4 (16.7-22.1)	14.1 (6.0-22.3)
	45 to 54	22.0 (19.6-24.5)	22.8 (19.6-26.0)	28.1 (15.9-40.2)
	55 to 64	21.2 (18.4-24.0)	20.7 (17.1-24.3)	15.5 (4.2-26.7)
	65 to 74	20.7 (17.7-23.7)	21.8 (17.9-25.8)	22.5 (7.8-37.2)
	75 and older	17.3 (14.4-20.2)	16.9 (13.3-20.6)	16.6 (2.9-30.2)
Education	Less than H.S.	29.3 (25.4-33.1)	29.2 (24.3-34.0)	NA <sup>1</sup>
	H.S. Graduate	24.5 (22.7-26.3)	23.7 (21.4-26.0)	21.4 (13.1-29.8)
	Some College	19.7 (17.8-21.6)	19.5 (17.0-21.9)	24.0 (15.1-32.8)
	Voc./Assoc. Degree	15.1 (12.4-17.9)	15.4 (11.8-19.0)	9.6 (-1.3-20.5)
	College Graduate	11.1 (9.3-12.9)	10.9 (8.6-13.1)	16.0 (6.6-25.4)
Poverty Status	Less than 200%	22.8 (20.7-25.0)	22.7 (19.9-25.5)	21.9 (10.4-33.3)
	200% or higher	19.6 (18.2-21.0)	18.3 (16.6-20.0)	19.4 (13.4-25.4)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.3.B**  
**TOBACCO USE**  
**RULES ABOUT SMOKING IN THE HOME:**  
**SMOKING ALLOWED IN SOME PLACES, AT SOME TIME**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Which of the following statements best describes the rules about smoking inside your home (not including decks, garages or porches)?

Smoking is allowed anywhere and at any time

Smoking is allowed in some places or at some times

Smoking is not allowed in any place or at any time

Demographic Characteristics		Region n=6158	NE MN Region n=3785	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>24.0%</b> (22.9-25.1)	<b>23.8%</b> (22.4-25.2)	<b>26.9%</b> (21.9-31.8)
Gender	Male	23.4 (21.9-24.9)	22.9 (21.0-24.8)	24.7 (17.8-31.6)
	Female	24.5 (23.0-26.0)	24.7 (22.7-26.6)	29.0 (21.7-36.2)
Age	18 to 34	23.1 (21.0-25.2)	22.5 (19.9-25.2)	27.7 (16.9-38.6)
	35 to 44	24.6 (22.3-26.9)	23.6 (20.8-26.5)	24.5 (14.4-34.6)
	45 to 54	21.8 (19.3-24.2)	22.4 (19.2-25.6)	21.5 (10.4-32.6)
	55 to 64	27.1 (24.1-30.2)	29.8 (25.8-33.8)	44.1 (28.7-59.5)
	65 to 74	23.1 (19.9-26.2)	22.4 (18.5-26.4)	17.9 (4.5-31.4)
	75 and older	25.4 (22.1-28.7)	23.4 (19.3-27.6)	26.0 (9.9-42.1)
Education	Less than H.S.	23.8 (20.2-27.3)	21.9 (17.5-26.3)	NA <sup>1</sup>
	H.S. Graduate	25.9 (24.1-27.8)	26.8 (24.4-29.2)	26.9 (17.9-35.9)
	Some College	24.9 (22.8-26.9)	23.7 (21.1-26.3)	28.9 (19.5-38.3)
	Voc./Assoc. Degree	22.2 (19.0-25.4)	23.2 (19.0-27.4)	26.8 (10.5-43.2)
	College Graduate	20.3 (17.9-22.6)	20.1 (17.2-23.0)	27.5 (16.1-39.0)
Poverty Status	Less than 200%	25.5 (23.2-27.7)	24.1 (21.2-27.0)	29.7 (17.1-42.3)
	200% or higher	24.5 (23.0-26.0)	25.0 (23.1-26.9)	30.0 (23.1-36.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.3.C**  
**TOBACCO USE**  
**RULES ABOUT SMOKING IN THE HOME:**  
**SMOKING NOT ALLOWED IN ANY PLACE AT ANY TIME**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Which of the following statements best describes the rules about smoking inside your home (not including decks, garages or porches)?

Smoking is allowed anywhere and at any time

Smoking is allowed in some places or at some times

Smoking is not allowed in any place or at any time

Demographic Characteristics		Region n=6158	NE MN Region N=3786	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>55.8%</b> (54.6-57.1)	<b>56.5%</b> (54.9-58.1)	<b>53.6%</b> (47.9-59.1)
Gender	Male	52.6 (50.8-54.3)	53.6 (51.4-55.9)	49.6 (41.6-57.6)
	Female	59.0 (57.2-60.7)	59.2 (57.0-61.4)	57.4 (49.5-65.2)
Age	18 to 34	57.1 (54.6-59.6)	60.0 (56.8-63.1)	51.1 (39.0-63.2)
	35 to 44	55.7 (53.1-58.4)	57.0 (53.6-60.3)	61.3 (49.9-72.7)
	45 to 54	56.2 (53.2-59.1)	54.8 (51.0-58.5)	50.5 (37.0-64.0)
	55 to 64	51.7 (48.3-55.1)	49.5 (45.1-53.9)	40.4 (25.2-55.7)
	65 to 74	56.2 (52.5-59.9)	55.8 (51.0-60.5)	59.6 (42.3-76.8)
	75 and older	57.3 (53.5-61.1)	59.7 (54.9-64.4)	57.4 (39.2-75.5)
Education	Less than H.S.	46.9 (42.7-51.1)	49.0 (43.7-54.3)	NA <sup>1</sup>
	H.S. Graduate	49.6 (47.4-51.6)	49.5 (46.8-52.2)	51.7 (41.5-61.9)
	Some College	55.4 (53.1-57.9)	56.8 (53.8-59.9)	47.1 (36.8-57.5)
	Voc./Assoc. Degree	62.7 (58.9-66.4)	61.4 (56.5-66.3)	63.6 (45.8-81.4)
	College Graduate	68.6 (65.9-71.3)	69.1 (65.7-72.4)	56.4 (43.7-69.2)
Poverty Status	Less than 200%	51.7 (49.2-54.3)	53.2 (49.8-56.5)	48.5 (34.6-62.3)
	200% or higher	55.9 (54.2-57.6)	56.7 (54.5-58.8)	50.6 (43.1-58.2)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.4.A  
TOBACCO USE  
USED SMOKELESS TOBACCO IN PAST MONTH**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** How many times in the past month did you use smokeless tobacco?

Demographic Characteristics		Region n=6158	NE MN Region n=3786	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		5.5% (4.9-6.1)	5.3% (4.6-6.1)	5.5% (2.9-8.0)
Gender	Male	10.9 (9.8-12.0)	10.6 (9.2-12.0)	11.0 (6.0-16.1)
	Female	0.3 (0.1-0.5)	0.3 (0.0-0.5)	0.0
Age	18 to 34	13.4 (11.7-15.1)	12.8 (10.6-14.9)	13.2 (5.0-21.3)
	35 to 44	4.6 (3.5-5.7)	4.9 (3.4-6.4)	6.6 (0.8-12.4)
	45 to 54	2.0 (1.2-2.8)	1.7 (0.7-2.6)	0.0
	55 to 64	2.9 (1.7-4.0)	3.1 (1.6-4.6)	1.8 (-2.3-6.0)
	65 to 74	0.7 (0.1-1.3)	0.7 (0.1-1.5)	0.0
	75 and older	3.3 (1.9-4.6)	2.9 (1.2-4.5)	6.7 (-2.5-15.9)
Education	Less than H.S.	4.0 (6.2-8.4)	2.8 (1.1-4.6)	NA <sup>1</sup>
	H.S. Graduate	7.3 (6.2-8.4)	6.1 (4.8-7.4)	8.8 (3.1-14.6)
	Some College	5.1 (4.0-6.2)	6.4 (4.9-7.9)	2.5 (-0.8-5.7)
	Voc./Assoc. Degree	5.2 (3.4-6.8)	4.6 (2.5-6.7)	4.8 (-3.1-12.7)
	College Graduate	3.5 (2.5-4.6)	4.1 (2.7-5.5)	6.1 (-0.2-12.3)
Poverty Status	Less than 200%	4.4 (3.4-5.5)	4.7 (3.3-6.2)	0.0
	200% or higher	7.0 (6.1-7.8)	6.5 (5.4-7.6)	8.5 (4.3-12.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.4.B**  
**TOBACCO USE**  
**SMOKED CIGARS IN PAST MONTH**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** How many times in the past month did you smoke cigars?

Demographic Characteristics		Region n=6156	NE MN Region n=3784	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>3.6%</b> (3.1-4.0)	<b>4.1%</b> (3.4-4.7)	<b>4.5%</b> (2.3-7.1)
Gender	Male	6.7 (5.8-7.6)	7.5 (6.3-8.7)	8.0 (3.7-12.4)
	Female	0.5 (0.3-0.8)	0.8 (0.4-1.1)	1.5 (-0.4-3.4)
Age	18 to 34	6.1 (4.9-7.3)	8.0 (6.3-9.7)	14.3 (5.8-22.8)
	35 to 44	4.1 (3.1-5.2)	4.3 (2.9-5.6)	3.3 (-0.9-7.5)
	45 to 54	2.6 (1.7-3.6)	2.6 (1.4-3.8)	1.2 (-1.7-4.1)
	55 to 64	3.1 (1.9-4.3)	3.5 (1.9-5.2)	3.7 (-2.2-9.5)
	65 to 74	2.1 (1.0-3.1)	1.4 (0.3-2.6)	0.0
	75 and older	0.3 (-0.1-0.6)	0.4 (-0.2-1.0)	0.0
Education	Less than H.S.	0.7 (0.6-1.4)	0.4 (-0.3-1.1)	NA <sup>1</sup>
	H.S. Graduate	3.4 (2.6-4.2)	3.3 (2.3-4.3)	1.3 (-1.0-3.5)
	Some College	3.9 (2.9-4.8)	4.5 (3.3-5.8)	3.8 (-0.2-7.7)
	Voc./Assoc. Degree	4.1 (2.5-5.6)	5.7 (3.4-8.0)	9.6 (-1.3-20.5)
	College Graduate	4.5 (3.3-5.7)	5.6 (3.9-7.3)	11.0 (3.0-19.1)
Poverty Status	Less than 200%	2.1 (1.4-2.8)	2.6 (1.5-3.7)	0.0
	200% or higher	4.6 (3.9-5.3)	5.1 (4.1-6.1)	6.0 (2.4-9.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.5.A**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN INDOOR WORK AREAS:**  
**ALLOWED IN ALL AREAS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For indoor work areas, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=6023		NE MN Region n=3710		St. Louis without Duluth <sup>1</sup> n=300	
<b>Overall Percent</b>		<b>1.9%</b>	<b>(1.6-2.3)</b>	<b>1.8%</b>	<b>(1.4-2.3)</b>	<b>2.0%</b>	<b>(0.3-3.3)</b>
Gender	Male	2.6	(2.1-3.2)	2.5	(1.8-3.2)	1.7	(-0.4-3.8)
	Female	1.2	(0.8-1.6)	1.2	(0.7-1.7)	1.8	(-0.3-4.0)
Age	18 to 34	0.8	(0.3-1.2)	0.8	(0.2-1.4)	1.1	(-1.4-3.6)
	35 to 44	2.7	(1.8-3.6)	2.8	(1.7-3.9)	4.2	(-0.6-9.0)
	45 to 54	2.7	(1.8-3.7)	2.7	(1.5-4.0)	2.9	(-1.6-7.4)
	55 to 64	2.2	(1.2-3.3)	2.2	(0.9-3.5)	0.0	
	65 to 74	1.7	(0.7-2.7)	1.3	(0.2-2.4)	0.0	
	75 and older	1.3	(0.4-2.2)	0.7	(-0.1-1.5)	NA <sup>1</sup>	
Education	Less than H.S.	5.7	(3.6-7.6)	5.2	(2.8-7.6)	NA <sup>1</sup>	
	H.S. Graduate	2.1	(2.1-1.5)	1.9	(1.1-2.6)	0.5	(-0.9-1.9)
	Some College	1.2	(0.7-1.8)	1.3	(0.6-2.0)	2.3	(-0.9-5.5)
	Voc./Assoc. Degree	1.8	(0.8-2.8)	1.6	(0.4-2.9)	0.8	(-2.5-4.2)
	College Graduate	0.8	(0.3-1.3)	1.0	(0.3-1.8)	1.3	(-1.7-4.3)
Poverty Status	Less than 200%	3.2	(2.3-4.1)	3.1	(1.9-4.2)	5.7	(-0.9-12.3)
	200% or higher	1.3	(0.9-1.7)	1.3	(0.8-1.8)	1.2	(-0.5-2.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 7.5.B**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN INDOOR WORK AREAS:**  
**ALLOWED IN SOME AREAS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For indoor work areas, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=6023	NE MN Region n=3710	St. Louis without Duluth <sup>1</sup> n=299
<b>Overall Percent</b>		<b>21.6%</b> (20.6-22.7)	<b>20.4%</b> (19.1-21.7)	<b>23.7%</b> (18.8-28.5)
Gender	Male	26.8 (25.2-28.4)	24.9 (22.9-26.9)	31.6 (24.0-39.2)
	Female	16.7 (15.3-18.0)	16.1 (14.4-17.7)	16.0 (10.1-21.9)
Age	18 to 34	21.5 (19.4-23.5)	19.5 (16.9-22.0)	29.8 (18.7-40.8)
	35 to 44	26.0 (23.7-28.4)	24.3 (21.4-27.3)	30.5 (19.4-41.5)
	45 to 54	20.5 (18.0-22.9)	20.8 (17.7-23.9)	23.5 (12.1-34.9)
	55 to 64	20.3 (17.5-23.1)	18.9 (15.4-22.3)	15.0 (3.9-26.2)
	65 to 74	18.8 (15.8-21.8)	17.0 (13.3-20.7)	10.3 (-1.1-21.6)
	75 and older	19.4 (16.3-22.5)	18.7 (14.8-22.6)	20.2 (5.1-35.4)
Education	Less than H.S.	24.4 (20.7-28.1)	20.9 (16.5-25.3)	NA <sup>1</sup>
	H.S. Graduate	26.9 (25.0-28.8)	26.9 (24.4-29.3)	33.6 (23.9-43.4)
	Some College	18.8 (16.9-20.7)	17.6 (15.2-19.9)	19.8 (11.4-28.2)
	Voc./Assoc. Degree	21.3 (18.1-24.4)	20.0 (16.0-24.0)	24.6 (8.7-40.5)
	College Graduate	14.4 (12.3-16.5)	12.8 (10.3-15.2)	17.4 (7.4-27.4)
Poverty Status	Less than 200%	23.8 (21.5-25.9)	22.1 (19.3-24.9)	21.1 (9.5-32.8)
	200% or higher	20.6 (19.2-22.0)	19.2 (17.5-20.9)	24.0 (17.6-30.5)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.5.C  
TOBACCO USE**

**ATTITUDES TOWARD SMOKING REGULATIONS IN INDOOR WORK AREAS:  
NOT ALLOWED AT ALL  
BRIDGE TO HEALTH SURVEY 2000**

**Question:** For indoor work areas, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=6023	NE MN Region n=3709	St. Louis without Duluth <sup>1</sup> n=299
<b>Overall Percent</b>		<b>76.5%</b> (75.4-77.5)	<b>77.8%</b> (76.5-79.1)	<b>74.6%</b> (69.6-79.5)
Gender	Male	70.5 (68.9-72.1)	72.6 (70.6-74.7)	66.7 (59.0-74.4)
	Female	82.1 (80.8-83.5)	82.8 (81.0-84.5)	82.2 (76.1-88.4)
Age	18 to 34	77.7 (75.6-79.8)	79.7 (77.1-82.3)	69.1 (57.9-80.3)
	35 to 44	71.2 (68.8-73.7)	72.9 (69.8-75.9)	65.3 (53.9-76.7)
	45 to 54	76.8 (74.3-79.3)	76.4 (73.2-79.6)	73.7 (61.8-85.5)
	55 to 64	77.5 (74.6-80.4)	79.0 (75.4-82.6)	85.0 (73.8-96.1)
	65 to 74	79.5 (76.4-82.6)	81.7 (77.9-85.5)	89.7 (78.4-101.1)
	75 and older	79.3 (76.1-82.5)	80.6 (76.6-84.6)	NA <sup>1</sup>
Education	Less than H.S.	69.9 (66.0-73.9)	73.9 (69.1-78.6)	NA <sup>1</sup>
	H.S. Graduate	71.0 (69.0-72.9)	71.3 (68.8-73.8)	65.9 (56.1-75.7)
	Some College	79.9 (78.0-81.9)	81.1 (78.7-83.6)	77.9 (69.2-86.6)
	Voc./Assoc. Degree	76.9 (73.7-80.2)	78.4 (74.3-82.5)	74.6 (58.5-90.6)
	College Graduate	84.8 (82.7-86.9)	86.2 (83.7-88.7)	81.3 (71.0-91.6)
Poverty Status	Less than 200%	73.1 (70.8-75.4)	74.8 (71.9-77.8)	73.2 (60.5-85.8)
	200% or higher	78.1 (76.6-79.5)	79.5 (77.8-81.3)	74.8 (68.2-81.4)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.6.A**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN RESTAURANTS:**  
**ALLOWED IN ALL AREAS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For restaurants, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=6057	NE MN Region n=3732	St. Louis without Duluth <sup>1</sup> n=304
<b>Overall Percent</b>		3.1% (2.7-3.6)	2.9% (2.4-3.5)	2.6% (0.9-4.5)
Gender	Male	4.0 (3.3-4.8)	3.7 (2.9-4.6)	3.1 (0.3-6.0)
	Female	2.3 (1.7-2.8)	2.2 (1.6-2.9)	2.2 (-0.1-4.6)
Age	18 to 34	2.5 (1.7-3.3)	2.3 (1.4-3.3)	1.1 (-1.4-3.6)
	35 to 44	2.8 (1.9-3.7)	2.7 (1.6-3.8)	1.8 (-1.3-4.9)
	45 to 54	3.5 (2.4-4.6)	3.4 (2.0-4.8)	4.3 (-1.2-9.7)
	55 to 64	3.2 (2.0-4.4)	3.0 (1.5-4.5)	0.0
	65 to 74	4.6 (3.1-6.2)	4.0 (2.1-5.9)	4.8 (-2.9-12.5)
	75 and older	3.0 (1.7-4.4)	3.2 (1.4-4.9)	NA <sup>1</sup>
Education	Less than H.S.	6.1 (4.1-8.2)	5.7 (3.2-8.3)	NA <sup>1</sup>
	H.S. Graduate	4.1 (3.3-5.0)	3.9 (2.9-5.0)	4.8 (0.4-9.2)
	Some College	2.6 (1.9-3.4)	2.7 (1.7-3.7)	1.3 (-1.1-3.6)
	Voc./Assoc. Degree	2.0 (0.9-3.0)	1.3 (0.2-2.4)	0.0
	College Graduate	1.2 (0.6-1.8)	1.3 (0.5-2.1)	1.3 (-1.6-4.1)
Poverty Status	Less than 200%	4.5 (3.4-5.6)	4.8 (3.4-6.2)	7.1 (-0.1-14.3)
	200% or higher	2.4 (1.9-2.9)	2.2 (1.5-2.8)	1.4 (-0.4-3.1)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.6.B**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN RESTAURANTS:**  
**ALLOWED IN SOME AREAS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For restaurants, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=6057	NE MN Region n=3734	St. Louis without Duluth <sup>1</sup> n=303
<b>Overall Percent</b>		48.3% (47.1-49.6)	47.6% (46.0-49.2)	49.5% (43.9-55.2)
Gender	Male	50.3 (48.5-52.1)	49.7 (47.4-52.0)	51.0 (42.9-59.0)
	Female	46.4 (44.6-48.2)	45.5 (43.2-47.7)	48.2 (40.2-56.3)
Age	18 to 34	56.7 (54.2-59.2)	54.7 (51.5-57.9)	68.2 (56.9-79.4)
	35 to 44	51.3 (48.6-54.0)	51.0 (47.6-54.4)	55.7 (44.0-67.3)
	45 to 54	43.8 (40.8-46.7)	43.9 (40.1-47.7)	41.5 (28.2-54.7)
	55 to 64	42.6 (39.2-46.1)	42.7 (38.3-47.0)	36.8 (21.7-51.9)
	65 to 74	45.1 (41.3-48.8)	45.3 (40.5-50.1)	46.0 (28.0-63.9)
	75 and older	40.2 (36.3-44.0)	37.9 (33.0-42.7)	NA <sup>1</sup>
Education	Less than H.S.	49.7 (45.3-53.9)	49.1 (43.7-54.5)	NA <sup>1</sup>
	H.S. Graduate	52.4 (50.2-54.5)	51.0 (48.3-53.8)	57.1 (46.9-67.3)
	Some College	50.5 (48.1-52.9)	49.7 (46.6-52.8)	54.4 (44.1-64.7)
	Voc./Assoc. Degree	43.3 (39.5-47.1)	43.1 (38.1-48.0)	39.9 (21.8-57.9)
	College Graduate	39.7 (36.8-42.6)	40.2 (36.6-43.7)	38.8 (26.2-51.3)
Poverty Status	Less than 200%	49.9 (47.2-52.4)	49.7 (46.3-53.1)	50.3 (36.2-64.3)
	200% or higher	48.0 (46.3-49.7)	46.9 (44.7-49.1)	51.6 (44.0-59.1)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.6.C**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN RESTAURANTS:**  
**NOT ALLOWED AT ALL**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For restaurants, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=6057	NE MN Region n=3734	St. Louis without Duluth <sup>1</sup> n=304
<b>Overall Percent</b>		48.5% (47.3-49.8)	49.5% (47.9-51.1)	47.7% (42.1-53.4)
Gender	Male	45.7 (43.9-47.4)	46.6 (44.3-48.8)	45.9 (37.9-53.9)
	Female	51.3 (49.6-53.1)	52.3 (50.1-54.6)	49.5 (41.5-57.6)
Age	18 to 34	40.7 (38.3-43.2)	43.0 (39.8-46.2)	30.7 (19.6-41.9)
	35 to 44	45.9 (43.2-48.5)	46.3 (42.9-49.7)	42.6 (31.0-54.2)
	45 to 54	52.7 (49.8-55.7)	52.7 (48.9-56.6)	54.3 (40.8-67.7)
	55 to 64	54.2 (50.7-57.6)	54.3 (49.9-58.7)	63.2 (48.1-78.3)
	65 to 74	50.3 (46.5-54.1)	50.7 (45.9-55.5)	49.2 (31.2-67.2)
	75 and older	56.8 (52.9-60.7)	58.9 (54.0-63.9)	NA <sup>1</sup>
Education	Less than H.S.	44.2 (39.9-48.5)	45.2 (39.8-50.5)	NA <sup>1</sup>
	H.S. Graduate	43.5 (41.4-45.6)	45.1 (42.3-47.8)	38.1 (28.1-48.2)
	Some College	46.8 (44.4-49.3)	47.6 (44.5-50.7)	44.3 (34.0-54.6)
	Voc./Assoc. Degree	54.8 (51.0-58.6)	55.6 (50.7-60.6)	60.1 (42.1-78.2)
	College Graduate	59.1 (56.2-62.0)	58.5 (55.0-62.1)	60.0 (47.3-72.6)
Poverty Status	Less than 200%	45.6 (43.1-48.3)	45.5 (42.1-48.9)	42.6 (28.8-56.5)
	200% or higher	49.6 (47.9-51.3)	51.0 (48.8-53.2)	47.1 (39.5-54.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.7.A**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN BARS:**  
**ALLOWED IN ALL AREAS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For bars, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=5724	NE MN Region n=3524	St. Louis without Duluth <sup>1</sup> n=289
<b>Overall Percent</b>		<b>29.2%</b> (28.0-30.4)	<b>28.5%</b> (27.0-30.0)	<b>30.8%</b> (25.3-36.0)
Gender	Male	33.6 (31.8-35.3)	32.8 (30.6-35.0)	33.3 (25.6-41.1)
	Female	24.8 (23.2-26.4)	24.1 (22.1-26.2)	27.9 (20.5-35.3)
Age	18 to 34	38.0 (35.6-40.5)	36.4 (33.3-39.6)	41.7 (29.7-53.6)
	35 to 44	32.6 (30.1-35.2)	31.6 (29.3-34.8)	34.8 (23.0-46.6)
	45 to 54	23.6 (21.0-26.2)	23.3 (20.0-26.5)	21.4 (10.2-32.7)
	55 to 64	27.5 (24.3-30.7)	28.1 (24.1-32.2)	32.8 (17.9-47.6)
	65 to 74	21.0 (17.7-24.3)	21.8 (17.5-26.1)	NA <sup>1</sup>
	75 and older	18.3 (15.0-21.6)	17.0 (13.0-21.1)	NA <sup>1</sup>
Education	Less than H.S.	32.9 (28.7-37.2)	31.6 (26.3-37.0)	NA <sup>1</sup>
	H.S. Graduate	34.5 (32.4-36.6)	32.9 (30.3-35.6)	39.3 (29.1-49.4)
	Some College	29.8 (27.5-32.1)	31.1 (28.2-34.0)	33.8 (23.8-43.8)
	Voc./Assoc. Degree	27.7 (24.2-31.3)	27.1 (22.6-31.7)	NA <sup>1</sup>
	College Graduate	17.3 (15.0-19.6)	16.5 (13.7-19.2)	14.7 (4.9-24.6)
Poverty Status	Less than 200%	34.0 (31.4-36.5)	33.9 (30.6-37.2)	33.6 (20.0-47.2)
	200% or higher	28.0 (26.4-29.6)	27.1 (25.1-29.1)	31.0 (23.9-38.2)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.7.B**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN BARS:**  
**ALLOWED IN SOME AREAS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For bars, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=5724	NE MN Region n=3524	St. Louis without Duluth <sup>1</sup> n=288
<b>Overall Percent</b>		48.7% (47.4-49.9)	48.6% (46.9-50.2)	47.9% (42.1-53.7)
Gender	Male	47.2 (45.4-49.1)	47.0 (44.6-49.3)	48.9 (40.7-57.1)
	Female	50.1 (48.2-51.9)	50.2 (47.8-52.5)	46.8 (38.5-55.1)
Age	18 to 34	51.1 (48.5-53.6)	51.8 (48.6-55.0)	48.3 (36.1-60.4)
	35 to 44	48.7 (46.0-51.5)	48.5 (45.1-52.0)	48.2 (35.8-60.6)
	45 to 54	49.7 (46.6-52.7)	49.3 (45.4-53.2)	52.9 (39.2-66.6)
	55 to 64	48.6 (45.0-52.1)	48.0 (43.5-52.6)	49.3 (33.4-65.1)
	65 to 74	46.7 (42.7-50.7)	44.7 (39.5-49.8)	NA <sup>1</sup>
	75 and older	42.0 (37.8-46.2)	43.2 (37.8-48.5)	NA <sup>1</sup>
Education	Less than H.S.	42.5 (38.1-47.0)	42.0 (36.3-47.6)	NA <sup>1</sup>
	H.S. Graduate	47.1 (44.9-49.3)	48.3 (45.4-51.1)	41.5 (31.2-51.7)
	Some College	48.9 (46.4-51.3)	47.3 (44.2-50.5)	46.1 (35.6-56.6)
	Voc./Assoc. Degree	46.9 (42.9-50.8)	47.5 (42.4-52.7)	NA <sup>1</sup>
	College Graduate	54.9 (51.9-57.9)	54.2 (50.4-57.9)	55.5 (41.7-69.3)
Poverty Status	Less than 200%	44.9 (42.2-47.5)	45.2 (41.7-48.7)	48.7 (34.4-63.1)
	200% or higher	51.4 (49.6-53.2)	50.6 (48.3-52.8)	50.1 (42.3-57.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.7.C**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN BARS:**  
**NOT ALLOWED AT ALL**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For bars, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=5724	NE MN Region n=3524	St. Louis without Duluth <sup>1</sup> n=289
<b>Overall Percent</b>		<b>22.1%</b> (21.1-23.2)	<b>22.9%</b> (21.5-24.3)	<b>21.5%</b> (16.7-26.3)
Gender	Male	19.2 (17.8-20.6)	20.2 (18.3-22.1)	17.7 (11.5-24.0)
	Female	25.1 (23.5-26.7)	25.7 (23.6-27.7)	25.3 (18.1-32.5)
Age	18 to 34	10.9 (9.3-12.5)	11.8 (9.7-13.8)	10.1 (2.7-17.4)
	35 to 44	18.7 (16.5-20.8)	19.9 (17.1-22.7)	17.1 (7.7-26.4)
	45 to 54	26.7 (24.0-29.4)	27.4 (24.0-30.9)	25.7 (13.7-37.6)
	55 to 64	24 (20.9-27.0)	23.8 (19.9-27.7)	18.0 (5.8-30.1)
	65 to 74	32.3 (28.6-36.1)	33.5 (28.7-38.4)	NA <sup>1</sup>
	75 and older	39.8 (35.6-43.9)	39.8 (34.5-45.1)	NA <sup>1</sup>
Education	Less than H.S.	24.6 (20.6-28.4)	26.4 (21.3-31.4)	NA <sup>1</sup>
	H.S. Graduate	18.4 (16.7-20.1)	18.8 (16.5-21.0)	19.2 (11.1-27.4)
	Some College	21.3 (19.3-23.4)	21.6 (19.0-24.2)	20.1 (11.6-28.5)
	Voc./Assoc. Degree	25.4 (22.0-28.8)	25.3 (20.9-29.8)	NA <sup>1</sup>
	College Graduate	27.8 (25.1-30.5)	29.4 (26.0-32.8)	29.8 (17.1-42.4)
Poverty Status	Less than 200%	21.1 (19.1-23.4)	20.9 (18.1-23.7)	17.7 (6.7-28.6)
	200% or higher	20.6 (19.2-22.0)	22.4 (20.5-24.2)	18.9 (12.9-24.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 7.8.A  
TOBACCO USE  
ATTITUDES TOWARD SMOKING REGULATIONS AT OUTDOOR EVENTS:  
ALLOWED IN ALL AREAS  
BRIDGE TO HEALTH SURVEY 2000**

**Question:** For outdoor events, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=5932	NE MN Region n=3654	St. Louis without Duluth <sup>1</sup> n=297
<b>Overall Percent</b>		<b>34.8%</b> (33.6-36.0)	<b>34.7%</b> (33.2-36.3)	<b>37.4%</b> (31.9-43.0)
Gender	Male	38.4 (36.6-40.1)	38.1 (35.9-40.4)	38.9 (30.9-46.9)
	Female	31.3 (29.6-33.0)	31.4 (29.3-33.5)	36.0 (28.3-43.8)
Age	18 to 34	35.9 (33.5-38.3)	35.1 (32.0-38.1)	49.3 (37.2-61.4)
	35 to 44	38.8 (36.2-41.4)	38.5 (35.1-41.8)	41.3 (29.6-53.1)
	45 to 54	29.6 (26.9-32.4)	29.3 (25.8-32.8)	23.3 (11.9-34.7)
	55 to 64	32.9 (29.6-36.2)	32.7 (28.5-36.9)	29.0 (14.6-43.4)
	65 to 74	33.4 (29.8-37.0)	35.5 (30.7-40.3)	NA <sup>1</sup>
	75 and older	36.2 (32.4-40.1)	37.1 (32.1-42.1)	NA <sup>1</sup>
Education	Less than H.S.	44.2 (39.9-48.6)	45.1 (39.7-50.6)	NA <sup>1</sup>
	H.S. Graduate	38.8 (36.7-40.9)	39.6 (36.9-42.3)	40.2 (30.0-50.5)
	Some College	35.1 (32.7-37.4)	35.3 (32.3-38.3)	42.0 (31.6-52.3)
	Voc./Assoc. Degree	31.8 (28.3-35.5)	30.4 (25.8-35.0)	35.1 (17.4-52.7)
	College Graduate	23.9 (21.3-26.4)	23.0 (19.9-26.1)	22.6 (11.5-33.6)
Poverty Status	Less than 200%	40.2 (37.6-42.7)	40.6 (37.3-44.0)	43.7 (29.8-57.7)
	200% or higher	33.8 (32.1-35.4)	34.0 (31.9-36.1)	38.6 (31.2-46.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.8.B**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN OUTDOOR EVENTS:**  
**ALLOWED IN SOME AREAS**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For outdoor events, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=5932	NE MN Region n=3653	St. Louis without Duluth <sup>1</sup> n=297
<b>Overall Percent</b>		<b>38.1%</b> (36.8-39.3)	<b>37.8%</b> (36.3-39.4)	<b>40.1%</b> (34.5-45.7)
Gender	Male	36.5 (34.7-38.2)	36.2 (34.0-38.4)	41.1 (33.1-49.2)
	Female	39.6 (37.9-41.4)	39.4 (37.2-41.7)	39.0 (31.2-46.9)
Age	18 to 34	40.9 (38.4-43.4)	40.1 (37.0-43.3)	33.0 (21.7-44.4)
	35 to 44	41.2 (38.6-43.9)	41.4 (38.1-44.8)	46.2 (34.3-58.1)
	45 to 54	40.1 (37.1-43.0)	41.0 (37.2-44.7)	52.6 (39.1-66.0)
	55 to 64	37.1 (33.7-40.5)	36.8 (32.5-41.1)	41.4 (25.9-57.0)
	65 to 74	31.5 (27.9-35.1)	30.0 (25.4-34.6)	NA <sup>1</sup>
	75 and older	28.5 (24.9-32.2)	28.0 (23.3-32.6)	NA <sup>1</sup>
Education	Less than H.S.	32.1 (28.0-36.2)	31.9 (26.8-37.0)	NA <sup>1</sup>
	H.S. Graduate	36.0 (34.0-38.1)	35.7 (33.1-38.4)	39.7 (29.5-50.0)
	Some College	35.8 (33.4-38.1)	35.7 (32.7-38.7)	32.1 (22.3-41.9)
	Voc./Assoc. Degree	41.9 (38.1-45.7)	41.9 (37.0-46.9)	52.1 (33.7-70.5)
	College Graduate	45.9 (43.0-48.9)	45.0 (41.4-48.7)	50.0 (36.8-63.2)
Poverty Status	Less than 200%	36.4 (33.9-38.9)	35.5 (32.2-38.8)	35.4 (22.0-48.9)
	200% or higher	39.5 (37.8-41.2)	38.6 (36.4-40.8)	40.8 (33.3-48.3)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 7.8.C**  
**TOBACCO USE**  
**ATTITUDES TOWARD SMOKING REGULATIONS IN OUTDOOR EVENTS:**  
**NOT ALLOWED AT ALL**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** For outdoor events, do you think that smoking should be allowed in all areas, in some areas or not allowed at all?

Demographic Characteristics		Region n=5932	NE MN Region n=3654	St. Louis without Duluth <sup>1</sup> n=297
<b>Overall Percent</b>		<b>27.2%</b> (26.0-28.3)	<b>27.4%</b> (26.0-28.9)	<b>22.6%</b> (17.7-27.3)
Gender	Male	25.2 (23.6-26.8)	25.7 (23.7-27.7)	20.0 (13.4-26.5)
	Female	29.1 (27.5-30.7)	29.1 (27.1-31.2)	24.9 (17.9-31.9)
Age	18 to 34	23.2 (21.1-25.3)	24.8 (22.0-27.6)	17.7 (8.4-26.9)
	35 to 44	20.0 (17.8-22.1)	20.1 (17.4-22.8)	12.4 (4.6-20.3)
	45 to 54	30.3 (27.5-33.1)	29.7 (26.2-33.2)	24.2 (12.6-35.7)
	55 to 64	30.0 (26.8-33.2)	30.5 (26.4-34.7)	29.6 (15.1-44.0)
	65 to 74	35.1 (31.4-38.8)	34.5 (29.8-39.2)	NA <sup>1</sup>
	75 and older	35.3 (31.4-39.1)	34.9 (30.0-39.8)	NA <sup>1</sup>
Education	Less than H.S.	23.7 (20.0-27.4)	23.0 (18.4-27.6)	NA <sup>1</sup>
	H.S. Graduate	25.2 (23.3-27.0)	24.6 (22.2-27.1)	20.1 (11.7-28.4)
	Some College	29.2 (27.0-31.4)	29.0 (26.2-31.8)	25.9 (16.7-35.1)
	Voc./Assoc. Degree	26.3 (22.8-29.6)	27.7 (23.2-32.2)	12.9 (0.5-25.2)
	College Graduate	30.2 (27.5-33.0)	32.0 (28.5-35.4)	27.4 (15.7-39.2)
Poverty Status	Less than 200%	23.4 (21.3-25.7)	23.8 (20.9-26.8)	20.8 (9.4-32.3)
	200% or higher	26.8 (25.2-28.3)	27.4 (25.4-29.4)	20.6 (14.4-26.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

# **Chapter 8**

## **ALCOHOL USE**

- A. Alcohol Consumption Patterns Among All Respondents**
- B. Alcohol Consumption Among Respondents Who Drink**



**TABLE 8.1.A**  
**ALCOHOL USE**  
**ALCOHOL CONSUMPTION AMONG ALL RESPONDENTS:**  
**RESPONDENTS WHO DO NOT USE ALCOHOL**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** During the past month, have you had at least one drink of any alcoholic beverage?

Demographic Characteristics		Region n=6146	NE MN Region n=3779	St. Louis without Duluth <sup>1</sup> n=307
<b>Overall Percent</b>		<b>36.0%</b> (34.8-37.2)	<b>35.2%</b> (33.7-36.7)	<b>37.1%</b> (31.7-42.6)
Gender	Male	29.8 (28.2-31.5)	29.7 (27.7-31.8)	32.9 (25.3-40.4)
	Female	41.9 (40.2-43.6)	40.4 (38.2-42.6)	41.3 (33.5-49.1)
Age	18 to 34	26.6 (24.3-28.8)	25.4 (22.6-28.2)	35.5 (24.0-47.0)
	35 to 44	32.0 (29.5-34.5)	31.2 (28.0-34.3)	38.0 (26.6-49.3)
	45 to 54	32.8 (30.0-35.6)	31.5 (27.9-35.0)	29.1 (16.7-41.5)
	55 to 64	39.6 (36.2-42.9)	38.5 (34.3-42.8)	37.6 (22.5-52.6)
	65 to 74	42.6 (38.9-46.3)	42.6 (37.8-47.3)	31.9 (15.5-48.3)
	75 and older	59.8 (56.0-63.5)	60.3 (55.5-65.1)	57.6 (39.5-75.8)
Education	Less than H.S.	50.0 (45.8-54.2)	49.8 (44.5-55.1)	NA <sup>1</sup>
	H.S. Graduate	41.0 (39.0-43.1)	42.0 (39.3-44.7)	44.6 (34.5-54.8)
	Some College	33.0 (30.7-35.2)	31.7 (28.8-34.5)	39.1 (29.0-49.3)
	Voc./Assoc. Degree	30.7 (27.2-34.3)	27.9 (23.5-32.4)	23.5 (7.9-39.2)
	College Graduate	26.9 (24.3-29.5)	25.0 (21.8-28.1)	26.4 (15.0-37.9)
Poverty Status	Less than 200%	41.9 (39.3-44.4)	41.2 (27.9-44.4)	35.0 (21.8-48.2)
	200% or higher	30.9 (29.3-32.5)	30.3 (28.2-32.3)	34.4 (27.2-41.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 8.1.B**  
**ALCOHOL USE**  
**ALCOHOL CONSUMPTION AMONG ALL RESPONDENTS:**  
**CHRONIC DRINKING: CONSUMING 60 OR MORE ALCOHOLIC**  
**BEVERAGES IN PAST MONTH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** During the past month, have you had at least one drink of any alcoholic beverage?  
(For those who had at least one drink) How many days per week or per month did you drink any alcoholic beverages, on average? AND On the days that you drink, about how many drinks do you have on average?

Demographic Characteristics		Region n=6146	NE MN Region n=3786	St. Louis without Duluth <sup>1</sup> n=309
<b>Overall Percent</b>		<b>3.8%</b> (3.3-4.3)	<b>3.0%</b> (2.4-3.5)	<b>1.3%</b> (-0.1-2.2)
Gender	Male	6.4 (5.5-7.3)	5.1 (4.1-6.1)	1.7 (-0.4-3.8)
	Female	1.3 (0.9-1.7)	1.0 (0.5-1.4)	0.4 (-0.6-1.5)
Age	18 to 34	6.6 (5.3-7.8)	5.5 (4.0-6.9)	1.1 (-1.4-3.6)
	35 to 44	3.7 (2.7-4.7)	2.4 (1.4-3.5)	1.6 (-1.3-4.6)
	45 to 54	2.9 (1.9-3.9)	2.4 (1.2-3.5)	1.2 (-1.7-4.1)
	55 to 64	3.5 (2.2-4.7)	3.3 (1.7-4.8)	1.6 (-2.3-5.5)
	65 to 74	2.4 (1.3-3.5)	1.7 (0.4-2.9)	0.0
	75 and older	1.0 (0.2-1.8)	0.5 (-0.2-1.2)	0.0
Education	Less than H.S.	3.6 (2.0-5.1)	3.5 (1.6-5.5)	NA <sup>1</sup>
	H.S. Graduate	4.3 (3.4-5.1)	3.1 (2.1-4.0)	0.7 (-1.0-2.4)
	Some College	4.5 (3.5-5.5)	3.5 (2.4-4.7)	2.1 (-0.9-5.1)
	Voc./Assoc. Degree	2.4 (1.2-3.6)	2.2 (0.7-3.7)	0.0
	College Graduate	2.8 (1.8-3.7)	2.3 (1.2-3.4)	0.0
Poverty Status	Less than 200%	5.0 (3.8-6.0)	5.0 (3.5-6.4)	3.5 (-1.6-8.6)
	200% or higher	4.3 (3.6-5.0)	2.8 (2.1-3.5)	0.4 (-0.5-1.3)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 8.1.C**  
**ALCOHOL USE**  
**ALCOHOL CONSUMPTION AMONG ALL RESPONDENTS:**  
**BINGE DRINKING: CONSUMING 5 OR MORE ALCOHOLIC BEVERAGES**  
**ON AT LEAST ONE OCCASION IN PAST MONTH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** During the past month, have you had at least one drink of any alcoholic beverage?  
(For those who had at least one drink) How many days per week or per month did you drink any alcoholic beverages, on average? AND On the days that you drink, about how many drinks do you have on average?  
(For those who had at least one drink) How many times in the past month did you have 5 or more drinks on one occasion?

Demographic Characteristics		Region n=6146	NE MN Region n=3742	St. Louis without Duluth <sup>1</sup> n=306
<b>Overall Percent</b>		<b>22.9%</b> (21.8-24.0)	<b>21.9%</b> (20.5-23.2)	<b>19.6%</b> (15.2-24.1)
Gender	Male	32.0 (30.4-33.7)	30.5 (28.4-32.7)	30.3 (22.9-37.7)
	Female	14.2 (13.0-15.4)	13.6 (12.1-15.1)	9.3 (4.7-13.9)
Age	18 to 34	44.2 (41.7-46.7)	42.6 (39.4-45.8)	37.6 (25.9-49.3)
	35 to 44	26.6 (24.2-29.0)	26.1 (23.1-29.1)	23.8 (13.8-33.8)
	45 to 54	18.3 (16.0-20.0)	16.0 (13.2-18.8)	15.7 (5.7-25.7)
	55 to 64	13.0 (10.6-15.3)	12.3 (9.5-15.2)	10.5 (1.0-20.0)
	65 to 74	6.4 (4.6-8.3)	5.6 (3.4-7.8)	3.9 (-3.0-10.8)
	75 and older	3.4 (2.0-4.7)	3.4 (1.6-5.2)	6.7 (-2.5-15.9)
Education	Less than H.S.	17.2 (14.0-20.4)	11.9 (8.5-15.4)	NA <sup>1</sup>
	H.S. Graduate	24.9 (23.1-26.7)	22.7 (20.4-25.0)	22.3 (13.8-30.8)
	Some College	25.9 (23.7-28.0)	26.3 (23.6-29.0)	18.4 (10.3-26.5)
	Voc./Assoc. Degree	25.2 (21.8-28.5)	27.9 (23.4-32.3)	26.5 (0.2-42.8)
	College Graduate	16.3 (14.1-18.4)	15.6 (12.9-18.2)	15.4 (6.0-24.7)
Poverty Status	Less than 200%	23.2 (21.0-25.3)	22.9 (20.1-25.8)	20.9 (9.7-32.2)
	200% or higher	26.1 (24.6-27.7)	24.8 (22.9-26.7)	25.3 (18.7-31.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 8.1.D**  
**ALCOHOL USE**  
**ALCOHOL CONSUMPTION AMONG ALL RESPONDENTS:**  
**DRIVING OR RIDING IN CAR OR TRUCK IN PAST YEAR**  
**WHEN DRIVER HAD TOO MUCH TO DRINK**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** How many times in the past year did you drive or ride in a car or truck when you thought the driver had too much to drink?

Demographic Characteristics		Region n=6055	NE MN Region n=3734	St. Louis without Duluth <sup>1</sup> n=306
<b>Overall Percent</b>		<b>9.4%</b> (8.6-10.1)	<b>8.9%</b> (8.0-9.8)	<b>10.1%</b> (6.8-13.6)
Gender	Male	13.2 (12.0-14.5)	12.7 (11.1-14.2)	17.4 (11.3-23.6)
	Female	5.7 (4.9-6.5)	5.3 (4.3-6.3)	3.1 (0.3-5.8)
Age	18 to 34	19.6 (17.6-21.6)	18.3 (15.8-20.8)	13.5 (5.4-22.1)
	35 to 44	11.5 (9.8-13.3)	11.1 (9.0-13.3)	17.5 (8.5-26.5)
	45 to 54	6.5 (5.0-8.0)	6.1 (4.2-7.9)	7.5 (0.3-14.6)
	55 to 64	4.0 (2.7-5.4)	3.8 (2.1-5.4)	5.5 (-1.6-12.6)
	65 to 74	1.0 (0.2-1.7)	0.6 (-0.2-1.3)	0.9 (-2.4-4.2)
	75 and older	1.7 (0.7-2.7)	2.1 (0.7-3.5)	6.7 (-2.5-15.9)
Education	Less than H.S.	3.5 (1.9-5.0)	2.6 (0.9-4.3)	NA <sup>1</sup>
	H.S. Graduate	9.8 (8.6-11.1)	8.1 (6.6-9.6)	13.3 (6.4-20.3)
	Some College	11.5 (9.9-13.1)	12.5 (10.5-14.6)	13.0 (6.0-20.1)
	Voc./Assoc. Degree	10.6 (8.2-13.0)	11.3 (8.1-14.5)	12.4 (0.2-24.5)
	College Graduate	7.7 (6.2-9.3)	6.9 (5.0-8.7)	4.3 (-0.9-9.4)
Poverty Status	Less than 200%	8.6 (7.1-10.0)	8.2 (6.4-10.1)	6.3 (-0.5-13.0)
	200% or higher	11.3 (10.2-12.4)	10.6 (9.2-11.9)	14.0 (8.8-19.3)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 8.2.A**  
**ALCOHOL USE**  
**ALCOHOL CONSUMPTION AMONG RESPONDENTS WHO DRINK**  
**CHRONIC DRINKING: CONSUMING 60 OR MORE ALCOHOLIC BEVERAGES**  
**IN PAST MONTH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** (For those who had at least one drink) How many days per week or per month did you drink any alcoholic beverages, on average? AND On the days that you drink, about how many drinks do you have on average?

Demographic Characteristics		Region n=3933	NE MN Region n=2449	St. Louis without Duluth <sup>1</sup> n=193
<b>Overall Percent</b>		<b>5.9%</b> (5.2-6.7)	<b>4.6%</b> (3.8-5.5)	<b>2.1%</b> (-0.1-3.6)
Gender	Male	9.1 (7.9-10.4)	7.3 (5.9-8.7)	2.6 (-0.5-5.7)
	Female	2.3 (1.5-2.9)	1.6 (0.9-2.3)	0.7 (-1.1-2.6)
Age	18 to 34	8.9 (7.3-10.6)	7.3 (5.4-9.3)	1.7 (-2.2-5.6)
	35 to 44	5.4 (3.9-6.9)	3.5 (2.0-5.1)	2.7 (-2.2-7.5)
	45 to 54	4.4 (2.9-5.9)	3.5 (1.8-5.2)	1.7 (-2.6-6.0)
	55 to 64	5.7 (3.7-7.8)	5.3 (2.8-7.9)	NA <sup>1</sup>
	65 to 74	4.2 (2.2-6.2)	2.9 (0.8-5.0)	0.0
	75 and older	2.5 (0.6-4.4)	1.2 (-0.5-2.9)	0.0
Education	Less than H.S.	7.2 (4.1-10.2)	7.0 (3.2-10.8)	NA <sup>1</sup>
	H.S. Graduate	7.2 (5.8-8.6)	5.3 (3.7-6.9)	1.3 (-1.8-4.4)
	Some College	6.8 (5.3-8.2)	5.2 (3.5-6.8)	3.5 (-1.5-8.4)
	Voc./Assoc. Degree	3.5 (1.8-5.2)	3.1 (1.0-5.1)	NA <sup>1</sup>
	College Graduate	3.9 (2.5-5.2)	3.1 (1.6-4.5)	0.0
Poverty Status	Less than 200%	8.6 (6.6-10.4)	8.5 (6.1-10.9)	5.4 (-2.5-13.3)
	200% or higher	6.2 (5.2-7.2)	4.0 (3.0-5.1)	0.6 (-0.8-2.0)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 8.2.B**  
**ALCOHOL USE**  
**ALCOHOL CONSUMPTION AMONG RESPONDENTS WHO DRINK**  
**BINGE DRINKING: CONSUMING 5 OR MORE ALCOHOLIC BEVERAGES**  
**ON AT LEAST ONE OCCASION IN PAST MONTH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** (For those who had at least one drink) How many days per week or per month did you drink any alcoholic beverages, on average? AND On the days that you drink, about how many drinks do you have on average?  
 (For those who had at least one drink) How many times in the past month did you have 5 or more drinks on one occasion?

Demographic Characteristics		Region n=3868	NE MN Region n=2412	St. Louis without Duluth <sup>1</sup> n=191
<b>Overall Percent</b>		<b>36.0%</b> (34.5-37.5)	<b>33.9%</b> (32.0-35.8)	<b>31.4%</b> (24.7-38.0)
Gender	Male	45.9 (43.8-48.1)	43.8 (41.0-46.5)	45.3 (35.4-55.2)
	Female	24.6 (22.6-26.5)	22.9 (20.4-25.3)	15.9 (8.2-23.5)
Age	18 to 34	60.4 (57.5-63.3)	57.4 (53.7-61.1)	58.3 (43.2-73.3)
	35 to 44	39.3 (36.1-42.5)	38.1 (34.1-42.1)	38.4 (23.7-53.1)
	45 to 54	27.4 (24.1-30.0)	23.5 (19.6-27.4)	22.2 (8.5-35.9)
	55 to 64	21.5 (17.9-25.2)	20.1 (15.6-24.6)	NA <sup>1</sup>
	65 to 74	11.4 (8.2-14.6)	9.9 (6.1-13.8)	NA <sup>1</sup>
Education	75 and older	8.4 (5.0-11.8)	8.7 (4.2-13.1)	NA <sup>1</sup>
	Less than H.S.	35.4 (29.5-41.2)	24.5 (17.8-31.2)	NA <sup>1</sup>
	H.S. Graduate	42.7 (39.9-45.4)	39.6 (36.0-43.1)	40.3 (26.7-53.9)
	Some College	38.8 (35.8-41.6)	38.5 (34.9-42.1)	30.3 (17.9-42.7)
	Voc./Assoc. Degree	36.4 (32.0-40.9)	38.8 (33.0-44.5)	NA <sup>1</sup>
Poverty Status	College Graduate	22.3 (19.4-25.1)	20.8 (17.3-24.2)	20.9 (8.5-33.3)
	Less than 200%	40.3 (36.9-43.6)	39.3 (35.0-43.6)	32.2 (15.9-48.5)
	200% or higher	37.9 (35.9-39.9)	35.6 (33.0-38.1)	38.5 (29.4-47.6)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 8.2.C**  
**ALCOHOL USE**  
**ALCOHOL CONSUMPTION AMONG RESPONDENTS WHO DRINK**  
**DRIVING OR RIDING IN CAR OR TRUCK IN PAST**  
**YEAR WHEN DRIVER HAD TOO MUCH TO DRINK**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** How many times in the past year did you drive or ride in a car or truck when you thought the driver had too much to drink?

Demographic Characteristics		Region n=3830	NE MN Region n=2398	St. Louis without Duluth <sup>1</sup> n=191
<b>Overall Percent</b>		<b>14.8%</b> (13.7-16.0)	<b>13.8%</b> (12.4-15.2)	<b>16.2%</b> (11.0-21.6)
Gender	Male	19.1 (19.1-17.4)	18.2 (16.1-20.3)	26.4 (17.6-35.1)
	Female	9.9 (8.5-11.3)	8.9 (7.3-10.6)	5.2 (0.6-9.9)
Age	18 to 34	26.9 (24.2-29.5)	24.6 (21.4-27.8)	21.3 (8.8-33.8)
	35 to 44	17.2 (14.7-19.7)	16.3 (13.3-19.4)	28.5 (14.7-42.3)
	45 to 54	9.8 (7.6-12.0)	9.0 (6.3-11.7)	10.8 (0.5-21.1)
	55 to 64	6.7 (4.5-8.9)	6.1 (3.4-8.9)	NA <sup>1</sup>
	65 to 74	1.7 (0.4-3.0)	1.0 (-0.3-2.2)	NA <sup>1</sup>
	75 and older	4.3 (1.9-6.8)	5.3 (1.8-8.9)	NA <sup>1</sup>
Education	Less than H.S.	7.0 (3.9-10.0)	5.2 (1.8-8.5)	NA <sup>1</sup>
	H.S. Graduate	16.8 (14.7-18.9)	14.1 (11.5-16.6)	24.2 (12.3-36.2)
	Some College	17.4 (15.1-19.7)	18.5 (15.6-21.5)	21.6 (10.3-32.9)
	Voc./Assoc. Degree	15.5 (12.1-18.9)	15.9 (11.5-20.3)	NA <sup>1</sup>
	College Graduate	10.6 (8.5-12.8)	9.2 (6.8-11.7)	5.9 (-1.3-13.1)
Poverty Status	Less than 200%	15.2 (12.7-17.7)	14.3 (11.2-17.5)	9.8 (-0.8-20.3)
	200% or higher	16.4 (14.9-18.0)	15.2 (13.3-17.1)	21.5 (13.8-29.3)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



# **Chapter 9**

## **HEALTH CARE ACCESS**

- A. Health Insurance Coverage**
- B. Failure to Receive Medical Care**
  - Failure to Fill a Prescription**
  - Postponement of Dental Work**



**TABLE 9.1.A**  
**HEALTH CARE ACCESS**  
**UNINSURED FOR ENTIRE PAST YEAR**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Concerning your health insurance status for the past year, would you say you were insured for the entire year, you were insured for part of the year and uninsured for part of the year, or you were uninsured for the entire year?

Demographic Characteristics		Region n=6138	NE MN Region n=3780	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>5.5%</b> (5.0-6.1)	<b>4.4%</b> (3.7-5.1)	<b>3.6%</b> (1.4-5.5)
Gender	Male	6.6 (5.7-7.5)	5.1 (4.1-6.1)	5.0 (1.5-8.5)
	Female	4.5 (3.8-5.3)	3.8 (2.9-4.6)	2.0 (-0.3-4.2)
Age	18 to 34	7.8 (6.5-9.2)	6.3 (4.7-7.8)	3.3 (-1.0-7.6)
	35 to 44	7.1 (5.8-8.5)	6.1 (4.5-7.7)	5.7 (0.2-11.1)
	45 to 54	5.3 (3.9-6.6)	4.1 (2.6-5.6)	3.3 (-1.5-8.2)
	55 to 64	5.9 (4.3-7.6)	4.2 (2.5-6.0)	5.5 (-1.6-12.5)
	65 to 74	0.9 (0.2-1.5)	0.0 (-0.1-0.2)	0.0
	75 and older	2.0 (0.9-3.0)	1.8 (0.5-3.1)	0.0
Education	Less than H.S.	7.5 (5.3-9.7)	6.1 (3.6-8.7)	NA <sup>1</sup>
	H.S. Graduate	6.8 (5.7-7.9)	5.9 (4.6-7.2)	1.6 (-1.0-4.1)
	Some College	5.7 (4.6-6.9)	4.3 (3.1-5.6)	5.4 (0.7-10.2)
	Voc./Assoc. Degree	3.7 (2.2-5.1)	2.5 (1.0-4.1)	2.7 (-3.3-8.8)
	College Graduate	3.0 (2.0-4.0)	2.2 (1.1-3.2)	5.3 (-0.4-11.1)
Poverty Status	Less than 200%	9.1 (7.6-10.5)	7.0 (5.3-8.7)	4.4 (-1.3-10.1)
	200% or higher	4.2 (3.5-4.9)	3.4 (2.6-4.2)	2.9 (0.4-5.4)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 9.1.B**  
**HEALTH CARE ACCESS**  
**UNINSURED FOR PART OF PAST YEAR**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Concerning your health insurance status for the past year, would you say you were insured for the entire year, you were insured for part of the year and uninsured for part of the year, or you were uninsured for the entire year?

Demographic Characteristics		Region n=6138	NE MN Region n=3780	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>6.6%</b> (6.0-7.2)	<b>5.1%</b> (4.4-5.8)	<b>3.2%</b> (1.2-5.1)
Gender	Male	7.1 (6.2-8.0)	5.6 (4.5-6.6)	4.0 (0.9-7.2)
	Female	6.1 (5.3-6.9)	4.6 (3.6-5.5)	2.3 (-0.1-4.7)
Age	18 to 34	13.5 (11.8-15.2)	8.8 (7.0-10.7)	4.2 (0.6-9.1)
	35 to 44	7.0 (5.6-8.4)	6.3 (4.6-7.9)	4.0 (-0.6-8.6)
	45 to 54	5.4 (4.0-6.7)	5.0 (3.4-6.7)	4.5 (-1.1-10.1)
	55 to 64	3.1 (1.9-4.3)	2.7 (1.3-4.1)	3.2 (-2.3-8.6)
	65 to 74	1.7 (0.7-2.6)	0.9 (0.0-1.8)	0.0
	75 and older	1.3 (0.5-2.2)	1.1 (0.1-2.1)	0.0
Education	Less than H.S.	5.6 (3.8-7.6)	4.7 (2.4-6.9)	NA <sup>1</sup>
	H.S. Graduate	8.1 (7.0-9.3)	5.5 (4.2-6.7)	1.8 (-0.9-4.5)
	Some College	7.4 (6.1-8.7)	5.9 (4.5-7.4)	6.5 (1.4-11.7)
	Voc./Assoc. Degree	5.8 (4.0-7.6)	6.2 (3.8-8.6)	2.2 (-3.2-7.5)
	College Graduate	3.4 (2.3-4.4)	2.7 (1.5-3.9)	1.1 (-1.6-3.7)
Poverty Status	Less than 200%	10.8 (9.2-12.3)	9.3 (7.3-11.2)	4.2 (-1.4-9.7)
	200% or higher	5.5 (4.7-6.3)	4.0 (3.1-4.8)	2.5 (0.1-4.8)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.1.C**  
**HEALTH CARE ACCESS**  
**CURRENTLY UNINSURED<sup>1</sup>**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** I will read a list of different types of health insurance. Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, included none or other.)

Demographic Characteristics		Region n=6142	NE MN Region n=3774	St. Louis without Duluth <sup>2</sup> n=307
<b>Overall Percent</b>		<b>7.9%</b> (7.3-8.7)	<b>6.3%</b> (5.5-7.1)	<b>4.2%</b> (2.0-6.5)
Gender	Male	9.5 (8.5-10.6)	7.3 (6.1-8.4)	6.3 (2.4-10.3)
	Female	6.4 (5.6-7.4)	5.4 (4.4-6.4)	2.1 (-0.2-4.4)
Age	18 to 34	14.6 (12.9-16.4)	10.0 (8.1-12.0)	3.3 (-1.0-7.6)
	35 to 44	8.4 (6.9-9.9)	7.9 (6.1-9.8)	5.7 (0.2-11.1)
	45 to 54	7.9 (6.3-9.5)	7.2 (5.2-9.1)	7.4 (0.3-14.4)
	55 to 64	6.7 (4.9-8.4)	4.9 (3.0-6.8)	5.5 (-1.6-12.6)
	65 to 74	0.9 (0.2-1.6)	0.2 (-0.2-0.6)	0.0
	75 and older	1.1 (0.3-1.9)	0.8 (-0.1-1.7)	0.0
Education	Less than H.S.	7.8 (5.6-10.1)	6.7 (4.1-9.4)	NA <sup>2</sup>
	H.S. Graduate	10.7 (9.4-12.1)	8.5 (6.9-10.0)	1.6 (-1.0-4.1)
	Some College	7.6 (6.4-8.9)	6.0 (4.5-7.5)	6.9 (1.6-12.2)
	Voc./Assoc. Degree	6.0 (4.1-7.8)	4.0 (2.0-5.9)	2.7 (3.3-8.8)
	College Graduate	4.4 (3.3-5.7)	3.9 (2.5-5.3)	6.8 (0.4-13.3)
Poverty Status	Less than 200%	12.4 (10.9-14.3)	10.3 (8.3-12.3)	4.9 (-1.1-10.9)
	200% or higher	6.9 (6.0-7.8)	5.2 (4.2-6.2)	3.7 (0.8-6.5)

<sup>1</sup> Respondents categorized as currently uninsured answered no to: Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, including none or other.)

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.2.A**  
**HEALTH CARE ACCESS**  
**INSURANCE TYPE: PRIVATE<sup>1</sup>**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** I will read a list of different types of health insurance. Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, included none or other.)

Demographic Characteristics		Region n=6123	NE MN Region n=3765	St. Louis without Duluth <sup>2</sup> n=306
<b>Overall Percent</b>		<b>79.5%</b> (78.4-80.5)	<b>81.5%</b> (80.3-82.8)	<b>85.9%</b> (82.1-89.9)
Gender	Male	78.4 (76.9-79.9)	80.8 (79.0-82.6)	82.4 (76.2-88.5)
	Female	80.5 (79.1-81.8)	82.2 (80.5-83.9)	89.5 (84.6-94.4)
Age	18 to 34	77.2 (75.1-79.3)	81.4 (78.9-83.9)	89.7 (82.4-97.1)
	35 to 44	81.1 (79.0-83.1)	81.6 (79.0-84.2)	78.8 (69.2-88.4)
	45 to 54	85.0 (82.9-87.1)	86.2 (83.5-88.8)	89.3 (81.0-97.7)
	55 to 64	83.0 (80.4-85.5)	84.1 (80.9-87.4)	85.8 (75.0-96.7)
	65 to 74	72.5 (69.2-75.9)	73.9 (69.7-78.1)	79.8 (65.6-94.1)
	75 and older	75.2 (71.9-78.5)	78.8 (74.8-82.8)	95.2 (87.3-103.1)
Education	Less than H.S.	63.3 (59.2-67.3)	65.8 (60.7-70.8)	NA <sup>2</sup>
	H.S. Graduate	73.8 (71.8-75.5)	75.9 (73.6-78.2)	83.7 (76.2-91.3)
	Some College	82.6 (80.7-84.3)	84.1 (81.8-86.3)	87.3 (80.4-94.3)
	Voc./Assoc. Degree	85.0 (82.3-87.8)	87.4 (84.1-90.7)	85.0 (71.8-98.2)
	College Graduate	90.6 (88.9-92.3)	91.9 (89.9-93.8)	92.7 (86.0-99.4)
Poverty Status	Less than 200%	62.0 (59.4-64.4)	63.4 (60.2-66.6)	72.5 (60.2-84.9)
	200% or higher	86.9 (85.7-88.1)	88.9 (87.5-90.3)	89.1 (84.4-93.8)

<sup>1</sup> Respondents categorized as currently uninsured answered no to: Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, including none or other.)

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.2.B**  
**HEALTH CARE ACCESS**  
**INSURANCE TYPE: MEDICARE<sup>1</sup>**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** I will read a list of different types of health insurance. Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, included none or other.)

Demographic Characteristics		Region n=6123	NE MN Region n=3771	St. Louis without Duluth <sup>2</sup> n=306
<b>Overall Percent</b>		<b>21.9%</b> (20.8-22.9)	<b>21.6%</b> (20.3-22.9)	<b>23.2%</b> (18.5-28.0)
Gender	Male	19.3 (17.9-20.7)	18.6 (16.9-20.4)	19.0 (12.7-25.3)
	Female	24.3 (22.8-25.8)	24.4 (22.5-26.3)	27.3 (20.2-34.5)
Age	18 to 34	2.6 (1.8-3.4)	2.3 (1.4-3.3)	8.5 (1.8-15.2)
	35 to 44	1.3 (0.7-1.9)	1.3 (0.5-2.0)	2.4 (-1.2-5.9)
	45 to 54	3.2 (2.2-4.3)	3.7 (2.2-5.1)	1.4 (-1.8-4.6)
	55 to 64	9.9 (7.8-11.9)	9.7 (7.1-12.3)	11.3 (1.4-21.1)
	65 to 74	85.9 (83.3-88.5)	86.6 (83.3-89.8)	97.4 (91.7-103.0)
	75 and older	86.4 (83.7-89.0)	84.3 (80.8-87.9)	79.7 (64.8-94.6)
Education	Less than H.S.	49.9 (45.8-54.1)	49.9 (44.6-55.2)	NA <sup>2</sup>
	H.S. Graduate	24.4 (22.6-26.2)	24.8 (22.4-27.1)	26.3 (17.3-35.3)
	Some College	18.3 (16.4-20.2)	18.3 (15.9-20.6)	21.7 (13.1-30.3)
	Voc./Assoc. Degree	11.9 (9.5-14.4)	11.0 (7.9-14.1)	13.4 (0.8-26.0)
	College Graduate	14.2 (12.2-16.2)	12.7 (10.3-15.2)	15.3 (6.1-24.5)
Poverty Status	Less than 200%	29.6 (27.2-31.9)	29.2 (26.2-32.3)	33.3 (20.3-46.4)
	200% or higher	14.7 (13.5-15.9)	14.5 (13.0-16.1)	16.4 (10.9-22.1)

<sup>1</sup> Respondents categorized as currently uninsured answered no to: Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, including none or other.)

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.2.C**  
**HEALTH CARE ACCESS**  
**INSURANCE TYPE: MEDICAL ASSISTANCE<sup>1</sup>**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** I will read a list of different types of health insurance. Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, included none or other.)

Demographic Characteristics		Region n=6123	NE MN Region n=3763	St. Louis without Duluth <sup>2</sup> n=308
<b>Overall Percent</b>		4.0% (3.5-4.5)	3.9% (3.3-4.5)	3.2% (1.1-4.9)
Gender	Male	3.6 (2.9-4.3)	3.6 (2.7-4.4)	2.3 (-0.1-4.7)
	Female	4.3 (3.6-5.0)	4.2 (3.3-5.1)	3.7 (0.7-6.7)
Age	18 to 34	3.1 (2.3-4.0)	3.1 (2.0-4.3)	0.6 (-1.2-2.3)
	35 to 44	3.0 (2.1-3.9)	3.1 (1.9-4.3)	3.5 (-0.8-7.9)
	45 to 54	2.0 (1.2-2.8)	2.1 (1.0-3.2)	1.2 (-1.7-4.1)
	55 to 64	3.0 (1.9-4.2)	3.0 (1.5-4.5)	4.4 (-2.0-10.9)
	65 to 74	7.2 (5.2-9.1)	6.8 (4.4-9.2)	6.4 (-2.3-15.1)
	75 and older	8.9 (6.7-11.0)	8.2 (5.5-10.9)	4.8 (-3.1-12.7)
Education	Less than H.S.	7.9 (5.6-10.1)	6.5 (3.9-9.2)	NA <sup>2</sup>
	H.S. Graduate	5.0 (4.1-6.0)	5.1 (3.9-6.3)	4.5 (0.3-8.7)
	Some College	3.5 (2.6-4.3)	3.6 (2.4-4.7)	3.7 (-0.2-7.7)
	Voc./Assoc. Degree	2.4 (1.2-3.6)	2.6 (1.0-4.2)	2.7 (-3.3-8.8)
	College Graduate	1.6 (0.9-2.3)	1.6 (0.7-2.5)	0.0
Poverty Status	Less than 200%	9.0 (7.6-10.5)	9.2 (7.3-11.2)	7.4 (0.1-14.6)
	200% or higher	1.7 (1.2-2.1)	1.7 (1.2-2.3)	2.6 (0.2-4.9)

<sup>1</sup> Respondents categorized as currently uninsured answered no to: Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, including none or other.)

<sup>2</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.2.D**  
**HEALTH CARE ACCESS**  
**INSURANCE TYPE: OTHER PUBLIC INSURANCE<sup>1,2</sup>**  
**2000 BRIDGE TO HEALTH SURVEY**

**Question:** I will read a list of different types of health insurance. Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, included none or other.)

Demographic Characteristics		Region n=6123	NE MN Region n=3788	St. Louis without Duluth <sup>3</sup> n=309
<b>Overall Percent</b>		<b>9.5%</b> (8.8-10.2)	<b>9.4%</b> (8.5-10.3)	<b>11.3%</b> (7.7-14.8)
Gender	Male	10.5 (9.4-11.6)	10.4 (9.0-11.8)	13.1 (7.7-18.5)
	Female	8.5 (7.5-9.5)	8.4 (7.2-9.7)	9.5 (4.8-14.1)
Age	18 to 34	8.8 (7.3-10.2)	8.5 (6.7-10.3)	9.8 (2.6-16.9)
	35 to 44	12.3 (10.6-14.1)	11.7 (9.5-13.8)	21.7 (12.0-31.3)
	45 to 54	7.3 (5.7-8.8)	7.3 (5.3-9.3)	8.0 (0.7-15.3)
	55 to 64	7.2 (5.5-9.0)	7.8 (5.4-10.1)	4.0 (-2.1-10.0)
	65 to 74	9.9 (7.7-12.1)	10.8 (7.8-13.7)	10.9 (-0.1-21.8)
Education	75 and older	11.4 (9.0-13.8)	10.9 (7.9-14.0)	6.5 (-2.5-15.6)
	Less than H.S.	13.6 (10.8-16.5)	11.8 (8.4-15.2)	NA <sup>3</sup>
	H.S. Graduate	12.2 (10.8-13.6)	12.9 (11.0-14.7)	17.7 (10.0-25.5)
	Some College	7.4 (6.2-8.7)	7.3 (5.7-8.9)	5.8 (1.0-10.7)
	Voc./Assoc. Degree	9.1 (7.0-11.4)	10.3 (7.2-13.3)	17.7 (3.6-31.7)
Poverty Status	College Graduate	5.6 (4.2-6.9)	4.7 (3.2-6.3)	7.0 (0.5-13.6)
	Less than 200%	17.6 (15.7-19.6)	18.1 (15.5-20.7)	30.7 (17.9-43.4)
	200% or higher	5.9 (5.1-6.7)	5.9 (4.8-6.9)	7.1 (3.2-11.0)

<sup>1</sup> Respondents categorized as currently uninsured answered no to: Please answer yes or no as to whether you personally have each type of insurance right now. (15 different types of public and private insurance were probed, including none or other.)

<sup>2</sup> Other public insurance included Indian or Tribal Health Service, Health Insurance Risk Sharing Plan (HIRSP) (WI), BadgerCare, MinnesotaCare, Minnesota Comprehensive Health Association (MCHA), Health Start, General Assistance Medical Care (GAMC), and Champus or Veteran's benefits.

<sup>3</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.3.A**  
**HEALTH CARE ACCESS**  
**NEEDED MEDICAL CARE BUT DID NOT GET OR DELAYED GETTING CARE**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, was there a time when you thought that you needed medical care but did not get it or delayed getting it? If so, why was that?

Demographic Characteristics		Region n=6144	NE MN Region n=3778	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>12.5%</b> (11.7-13.4)	<b>12.1%</b> (11.0-13.1)	<b>10.4%</b> (7.2-14.1)
Gender	Male	11.6 (10.5-12.8)	12.1 (10.6-13.6)	10.1 (5.3-14.9)
	Female	13.4 (12.2-14.6)	12.0 (10.6-13.5)	11.2 (6.2-16.3)
Age	18 to 34	14.1 (12.3-15.8)	13.4 (11.3-15.6)	16.7 (7.7-25.7)
	35 to 44	16.8 (14.8-18.8)	16.3 (13.8-18.8)	15.3 (6.9-23.8)
	45 to 54	13.2 (11.2-15.3)	12.6 (10.1-15.1)	10.7 (2.3-19.0)
	55 to 64	11.5 (9.3-13.7)	10.8 (8.1-13.6)	6.3 (-1.3-13.8)
	65 to 74	7.0 (5.1-8.9)	6.2 (3.9-8.5)	2.6 (-3.0-8.2)
	75 and older	6.3 (4.5-8.2)	6.9 (4.4-9.4)	1.6 (-3.0-6.1)
Education	Less than H.S.	15.4 (12.4-18.5)	14.3 (10.6-18.1)	NA <sup>1</sup>
	H.S. Graduate	9.8 (8.5-11.0)	9.6 (8.0-11.2)	2.0 (-0.9-4.8)
	Some College	15.6 (13.8-17.3)	14.9 (12.7-17.1)	20.9 (12.4-29.3)
	Voc./Assoc. Degree	15.6 (12.8-18.4)	14.5 (11.0-18.1)	18.7 (4.3-33.1)
	College Graduate	10.3 (8.5-12.0)	10.2 (8.0-12.3)	8.6 (1.4-15.8)
Poverty Status	Less than 200%	19.8 (17.7-21.8)	18.6 (16.0-21.2)	20.9 (9.7-32.2)
	200% or higher	11.2 (10.1-12.3)	11.1 (9.7-12.5)	10.0 (5.5-14.5)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.3.B**  
**HEALTH CARE ACCESS**  
**FAILURE TO RECEIVE NEEDED MEDICAL CARE**  
**BECAUSE IT COST TOO MUCH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, was there a time when you thought that you needed medical care but did not get it or delayed getting it? If so, why was that?

Demographic Characteristics		Region n=771	NE MN Region n=457	St. Louis without Duluth <sup>1</sup> n=33
<b>Overall Percent</b>		<b>24.9%</b> (21.9-28.0)	<b>22.3%</b> (18.4-26.1)	<b>21.2%</b> (5.5-34.3)
Gender	Male	29.1 (24.3-33.9)	26.8 (20.9-32.6)	NA <sup>1</sup>
	Female	21.4 (17.5-25.3)	17.9 (12.9-22.8)	NA <sup>1</sup>
Age	18 to 34	17.4 (12.3-22.5)	14.3 (8.1-20.5)	NA <sup>1</sup>
	35 to 44	31.8 (25.7-37.9)	28.8 (21.1-36.5)	NA <sup>1</sup>
	45 to 54	28.9 (21.4-36.4)	26.9 (17.2-36.6)	NA <sup>1</sup>
	55 to 64	28.7 (19.4-38.1)	24.3 (12.5-36.1)	NA <sup>1</sup>
	65 to 74	12.3 (2.7-21.8)	8.8 (-2.8-20.4)	NA <sup>1</sup>
	75 and older	18.6 (6.4-30.9)	20.6 (4.6-36.5)	NA <sup>1</sup>
Education	Less than H.S.	26.2 (16.9-36.1)	29.0 (15.8-42.2)	NA <sup>1</sup>
	H.S. Graduate	32.2 (25.9-38.6)	27.1 (19.1-35.0)	NA <sup>1</sup>
	Some College	14.0 (9.8-18.4)	12.1 (6.8-17.3)	NA <sup>1</sup>
	Voc./Assoc. Degree	33.0 (23.7-42.3)	27.8 (15.8-39.9)	NA <sup>1</sup>
	College Graduate	27.6 (19.2-35.7)	26.4 (16.2-36.7)	NA <sup>1</sup>
Poverty Status	Less than 200%	31.3 (26.0-36.7)	30.9 (23.7-38.1)	NA <sup>1</sup>
	200% or higher	17.5 (13.5-21.4)	13.2 (8.7-17.7)	NA <sup>1</sup>

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 9.3.C**  
**HEALTH CARE ACCESS**  
**FAILURE TO RECEIVE NEEDED MEDICAL CARE**  
**BECAUSE INSURANCE DIDN'T COVER IT**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, was there a time when you thought that you needed medical care but did not get it or delayed getting it? If so, why was that?

Demographic Characteristics		Region n=771	NE MN Region n=455	St. Louis without Duluth <sup>1</sup> n=32
<b>Overall Percent</b>		<b>24.6%</b> (21.6-27.7)	<b>24.0%</b> (20.0-27.9)	<b>40.6%</b> (23.2-58.7)
Gender	Male	29.1 (24.2-33.7)	27.9 (21.9-33.8)	NA <sup>1</sup>
	Female	21.0 (17.1-24.9)	20.2 (15.0-25.4)	NA <sup>1</sup>
Age	18 to 34	24.5 (18.7-30.3)	20.7 (13.5-27.9)	NA <sup>1</sup>
	35 to 44	29.3 (23.4-35.3)	27.8 (20.2-35.3)	NA <sup>1</sup>
	45 to 54	25.3 (18.1-32.5)	26.0 (16.5-35.6)	NA <sup>1</sup>
	55 to 64	20.1 (11.8-28.3)	24.2 (12.4-36.0)	NA <sup>1</sup>
	65 to 74	20.7 (8.9-32.5)	21.8 (5.0-38.7)	NA <sup>1</sup>
	75 and older	12.3 (2.0-22.7)	15.2 (1.0-29.3)	NA <sup>1</sup>
Education	Less than H.S.	22.6 (13.8-32.1)	27.6 (14.7-40.6)	NA <sup>1</sup>
	H.S. Graduate	18.0 (12.9-23.3)	16.2 (9.6-22.8)	NA <sup>1</sup>
	Some College	24.8 (19.5-30.1)	23.5 (16.7-30.3)	NA <sup>1</sup>
	Voc./Assoc. Degree	28.4 (19.8-37.6)	26.4 (14.5-38.2)	NA <sup>1</sup>
	College Graduate	33.6 (25.1-42.5)	33.4 (22.4-44.4)	NA <sup>1</sup>
Poverty Status	Less than 200%	28.3 (23.1-33.5)	28.3 (21.3-35.3)	NA <sup>1</sup>
	200% or higher	18.3 (14.3-22.3)	17.1 (12.1-22.1)	NA <sup>1</sup>

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.3.D**  
**HEALTH CARE ACCESS**  
**FAILURE TO RECEIVE NEEDED MEDICAL CARE**  
**BECAUSE NOT SERIOUS ENOUGH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, was there a time when you thought that you needed medical care but did not get it or delayed getting it? If so, why was that?

Demographic Characteristics		Region n=771	NE MN Region n=455	St. Louis without Duluth <sup>1</sup> n=34
<b>Overall Percent</b>		9.7% (7.6-11.8)	11.9% (8.9-14.9)	5.9% (-2.9-12.7)
Gender	Male	11.7 (8.4-15.2)	14.4 (9.8-19.0)	NA <sup>1</sup>
	Female	8.1 (5.4-10.6)	9.4 (5.7-13.2)	NA <sup>1</sup>
Age	18 to 34	10.5 (6.4-14.6)	14.1 (8.0-20.3)	NA <sup>1</sup>
	35 to 44	12.0 (7.7-16.3)	14.4 (8.4-20.3)	NA <sup>1</sup>
	45 to 54	6.6 (2.5-10.7)	7.4 (1.7-13.2)	NA <sup>1</sup>
	55 to 64	4.2 (0.0-8.3)	3.0 (-1.7-7.6)	NA <sup>1</sup>
	65 to 74	9.5 (1.0-18.1)	9.8 (-2.3-22.0)	NA <sup>1</sup>
	75 and older	16.6 (4.9-28.3)	21.9 (5.6-38.2)	NA <sup>1</sup>
Education	Less than H.S.	7.1 (1.5-12.8)	8.3 (0.3-16.4)	NA <sup>1</sup>
	H.S. Graduate	8.5 (4.8-12.4)	10.9 (5.3-16.4)	NA <sup>1</sup>
	Some College	14.0 (9.7-18.2)	17.8 (11.6-23.9)	NA <sup>1</sup>
	Voc./Assoc. Degree	7.8 (2.8-13.6)	9.8 (1.8-17.8)	NA <sup>1</sup>
	College Graduate	5.2 (1.2-9.6)	5.4 (0.2-10.7)	NA <sup>1</sup>
Poverty Status	Less than 200%	6.9 (4.0-9.8)	9.4 (4.8-13.9)	NA <sup>1</sup>
	200% or higher	11.9 (8.5-15.2)	12.3 (7.9-16.7)	NA <sup>1</sup>

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.4.A**  
**HEALTH CARE ACCESS**  
**FAILURE TO FILL PRESCRIPTION**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Which of the following statements best describes you. In the last 6 months:

I had no prescriptions written for me

I had prescriptions written for me and filled them all

I had prescriptions written for me and did not fill at least one of them

If you did not fill a prescription, why was that?

Demographic Characteristics		Region n=6139	NE MN Region n=3777	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		4.5% (4.0-5.0)	4.6% (3.9-5.2)	4.5% (2.3-7.0)
Gender	Male	3.6 (2.9-4.2)	3.6 (2.8-4.5)	4.0 (0.9-7.1)
	Female	5.4 (4.6-6.2)	5.4 (4.4-6.4)	5.3 (1.7-8.9)
Age	18 to 34	4.9 (3.8-6.0)	5.7 (4.2-7.1)	5.4 (-0.1-10.8)
	35 to 44	6.2 (4.9-7.5)	6.1 (4.5-7.7)	6.8 (0.9-12.8)
	45 to 54	3.8 (2.7-4.9)	3.5 (2.1-4.9)	2.4 (-1.7-6.5)
	55 to 64	5.1 (3.6-6.6)	5.4 (3.4-7.3)	7.9 (-0.5-16.2)
	65 to 74	2.8 (1.6-4.1)	2.8 (1.2-4.3)	2.6 (-3.0-8.2)
	75 and older	2.1 (1.0-3.2)	1.3 (0.2-2.5)	0.0
Education	Less than H.S.	5.1 (3.3-7.0)	5.1 (2.7-7.4)	NA <sup>1</sup>
	H.S. Graduate	4.2 (3.4-5.1)	4.5 (3.3-5.6)	6.1 (1.2-10.9)
	Some College	5.0 (3.9-6.1)	5.1 (3.8-6.5)	3.6 (-0.3-7.5)
	Voc./Assoc. Degree	3.8 (2.3-5.3)	4.2 (2.2-6.2)	0.0
	College Graduate	4.4 (3.2-5.6)	3.9 (2.5-5.2)	8.4 (1.3-15.5)
Poverty Status	Less than 200%	7.4 (6.1-8.8)	7.3 (5.6-9.0)	13.2 (3.9-22.6)
	200% or higher	3.8 (3.1-4.4)	3.9 (3.0-4.7)	3.7 (0.9-6.5)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.4.B**  
**HEALTH CARE ACCESS**  
**FAILURE TO FILL PRESCRIPTION BECAUSE IT COST TOO MUCH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Which of the following statements best describes you. In the last 6 months:

I had no prescriptions written for me

I had prescriptions written for me and filled them all

I had prescriptions written for me and did not fill at least one of them

If you did not fill a prescription, why was that?

Demographic Characteristics		Region n=276	NE MN Region n=172	St. Louis without Duluth <sup>1</sup> n=14
<b>Overall Percent</b>		<b>25.8%</b> (20.6-31.0)	<b>23.3%</b> (17.0-29.8)	<b>7.1%</b> (-8.0-20.0)
Gender	Male	24.5 (16.4-33.1)	21.4 (11.3-31.4)	NA <sup>1</sup>
	Female	26.6 (19.7-33.2)	24.7 (16.3-33.1)	NA <sup>1</sup>
Age	18 to 34	21.0 (11.5-30.4)	18.0 (7.3-28.6)	NA <sup>1</sup>
	35 to 44	21.0 (12.2-29.9)	22.8 (10.9-34.7)	NA <sup>1</sup>
	45 to 54	25.1 (11.3-38.9)	23.3 (4.7-41.9)	NA <sup>1</sup>
	55 to 64	27.6 (13.5-41.7)	24.4 (7.0-41.8)	NA <sup>1</sup>
	65 to 74	50.0 (25.8-74.2)	45.4 (12.1-78.8)	NA <sup>1</sup>
	75 and older	43.5 (13.4-73.7)	29.5 (-28.9-87.9)	NA <sup>1</sup>
Education	Less than H.S.	46.4 (28.1-67.4)	41.3 (15.6-67.0)	NA <sup>1</sup>
	H.S. Graduate	22.2 (13.5-30.9)	19.2 (8.7-29.7)	NA <sup>1</sup>
	Some College	31.7 (21.8-42.4)	31.7 (18.6-44.7)	NA <sup>1</sup>
	Voc./Assoc. Degree	32.0 (12.6-52.1)	31.2 (6.0-56.4)	NA <sup>1</sup>
	College Graduate	6.0 (-0.7-13.3)	1.1 (-3.0-5.1)	NA <sup>1</sup>
Poverty Status	Less than 200%	34.9 (25.7-43.9)	37.5 (25.3-49.8)	NA <sup>1</sup>
	200% or higher	19.7 (12.3-26.6)	13.1 (5.4-20.8)	NA <sup>1</sup>

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.4.C**  
**HEALTH CARE ACCESS**  
**FAILURE TO FILL PRESCRIPTION BECAUSE INSURANCE**  
**DID NOT COVER IT**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** Which of the following statements best describes you. In the last 6 months:

I had no prescriptions written for me

I had prescriptions written for me and filled them all

I had prescriptions written for me and did not fill at least one of them

If you did not fill a prescription, why was that?

Demographic Characteristics		Region n=276	NE MN Region n=171	St. Louis without Duluth <sup>1</sup> n=15
Overall Percent		12.1% (8.3-16.0)	11.1% (6.4-15.9)	13.3% (-7.8-27.0)
Gender	Male	14.0 (7.4-20.9)	13.3 (5.0-21.7)	NA <sup>1</sup>
	Female	10.7 (6.1-15.6)	9.7 (3.9-15.5)	NA <sup>1</sup>
Age	18 to 34	7.1 (1.2-13.1)	4.3 (-1.4-9.9)	NA <sup>1</sup>
	35 to 44	8.0 (2.1-13.9)	6.5 (-0.5-13.5)	NA <sup>1</sup>
	45 to 54	5.5 (-1.8-12.8)	8.3 (-3.9-20.4)	NA <sup>1</sup>
	55 to 64	24.2 (10.7-37.8)	24.5 (7.1-41.9)	NA <sup>1</sup>
	65 to 74	27.5 (5.9-49.1)	35.3 (3.2-67.3)	NA <sup>1</sup>
	75 and older	25.7 (-0.9-52.3)	15.4 (-30.8-61.5)	NA <sup>1</sup>
Education	Less than H.S.	17.9 (2.2-31.7)	7.8 (-6.2-21.9)	NA <sup>1</sup>
	H.S. Graduate	12.1 (4.9-18.4)	11.4 (2.9-19.9)	NA <sup>1</sup>
	Some College	18.1 (9.4-26.3)	18.5 (7.6-29.5)	NA <sup>1</sup>
	Voc./Assoc. Degree	8.0 (-3.3-20.5)	3.7 (-6.5-13.9)	NA <sup>1</sup>
	College Graduate	2.0 (-2.0-7.4)	3.3 (-3.7-10.3)	NA <sup>1</sup>
Poverty Status	Less than 200%	9.2 (3.7-14.7)	6.0 (0.0-12.1)	NA <sup>1</sup>
	200% or higher	13.9 (7.5-20.0)	14.7 (6.6-22.8)	NA <sup>1</sup>

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.5.A**  
**HEALTH CARE ACCESS**  
**POSTPONED DENTAL WORK IN PAST YEAR**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, have you postponed dental work? If so, why was that?

Demographic Characteristics		Region n=6153	NE MN Region n=3782	St. Louis without Duluth <sup>1</sup> n=308
<b>Overall Percent</b>		<b>26.9%</b> (25.8-28.0)	<b>26.8%</b> (25.3-28.2)	<b>25.6%</b> (20.8-30.6)
Gender	Male	27.4 (25.8-29.0)	27.8 (25.8-29.8)	26.4 (19.4-33.5)
	Female	26.5 (25.0-28.1)	25.8 (23.8-27.7)	25.0 (18.1-31.9)
Age	18 to 34	35.2 (32.8-37.6)	33.7 (30.7-36.7)	38.5 (26.7-50.2)
	35 to 44	34.0 (31.5-36.6)	34.4 (31.2-37.6)	30.4 (19.6-41.2)
	45 to 54	27.6 (24.9-30.2)	27.6 (24.2-31.0)	28.4 (16.3-40.1)
	55 to 64	19.3 (16.6-22.0)	19.0 (15.6-22.5)	10.0 (0.7-19.3)
	65 to 74	14.9 (12.2-17.5)	15.0 (11.6-18.5)	12.5 (0.9-24.1)
	75 and older	14.5 (11.9-17.2)	15.3 (11.8-18.8)	17.9 (3.9-32.0)
Education	Less than H.S.	29.0 (25.2-32.8)	29.2 (24.3-34.0)	NA <sup>1</sup>
	H.S. Graduate	25.8 (24.0-27.7)	25.2 (22.8-27.6)	17.6 (9.9-25.4)
	Some College	28.2 (26.0-30.3)	28.4 (25.6-31.1)	31.6 (22.0-41.3)
	Voc./Assoc. Degree	27.2 (23.9-30.7)	27.1 (22.7-31.5)	24.3 (8.4-40.1)
	College Graduate	26.0 (23.4-28.6)	25.8 (22.6-29.0)	31.0 (19.1-42.8)
Poverty Status	Less than 200%	36.7 (34.2-39.1)	36.5 (33.3-39.7)	41.4 (27.8-55.1)
	200% or higher	24.7 (23.2-26.2)	24.8 (22.9-26.7)	21.7 (15.5-27.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.5.B**  
**HEALTH CARE ACCESS**  
**POSTPONED DENTAL WORK IN PAST YEAR BECAUSE IT COST TOO MUCH**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, have you postponed dental work? If so, why was that?

Demographic Characteristics		Region n=1658	NE MN Region n=1013	St. Louis without Duluth <sup>1</sup> n=79
<b>Overall Percent</b>		<b>29.8%</b> (27.6-32.0)	<b>27.3%</b> (24.6-30.1)	<b>26.6%</b> (16.4-36.2)
Gender	Male	29.9 (26.8-33.0)	27.5 (23.6-31.3)	21.1 (8.0-34.2)
	Female	29.7 (26.6-32.8)	27.2 (23.3-31.1)	31.8 (16.4-47.1)
Age	18 to 34	20.0 (16.6-23.4)	15.3 (11.3-19.3)	NA <sup>1</sup>
	35 to 44	35.8 (31.4-40.2)	36.1 (30.6-41.7)	NA <sup>1</sup>
	45 to 54	29.3 (24.1-34.5)	24.3 (18.1-30.5)	NA <sup>1</sup>
	55 to 64	31.0 (23.7-38.3)	29.4 (20.0-38.6)	NA <sup>1</sup>
	65 to 74	46.3 (36.5-56.1)	46.6 (34.1-59.2)	NA <sup>1</sup>
	75 and older	37.6 (27.8-47.4)	33.7 (21.6-45.8)	NA <sup>1</sup>
Education	Less than H.S.	37.7 (30.1-45.3)	34.7 (25.2-44.2)	NA <sup>1</sup>
	H.S. Graduate	31.9 (28.1-35.8)	29.6 (24.6-34.5)	NA <sup>1</sup>
	Some College	25.8 (21.7-29.7)	23.0 (18.2-27.9)	NA <sup>1</sup>
	Voc./Assoc. Degree	36.3 (29.1-43.3)	34.6 (25.4-43.8)	NA <sup>1</sup>
	College Graduate	24.1 (19.3-29.2)	22.5 (16.5-28.5)	NA <sup>1</sup>
Poverty Status	Less than 200%	37.8 (33.7-42.0)	36.5 (31.1-41.8)	NA <sup>1</sup>
	200% or higher	24.1 (21.1-27.1)	21.1 (17.5-24.7)	18.3 (5.3-31.3)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 9.5.C**  
**HEALTH CARE ACCESS**  
**POSTPONED DENTAL WORK IN PAST YEAR BECAUSE INSURANCE**  
**DID NOT COVER IT**  
**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, have you postponed dental work? If so, why was that?

Demographic Characteristics		Region n=1658	NE MN Region n=1012	St. Louis without Duluth <sup>1</sup> n=80
<b>Overall Percent</b>		<b>26.5%</b> (24.4-28.7)	<b>24.2%</b> (21.6-26.8)	<b>17.5%</b> (8.4-25.3)
Gender	Male	23.6 (20.7-26.5)	21.9 (18.4-25.5)	13.6 (2.6-24.7)
	Female	29.4 (26.3-32.5)	26.5 (22.6-30.4)	20.2 (7.0-33.5)
Age	18 to 34	26.2 (22.5-30.0)	23.8 (19.1-28.5)	NA <sup>1</sup>
	35 to 44	31.0 (26.7-35.2)	28.0 (22.8-33.2)	NA <sup>1</sup>
	45 to 54	24.7 (19.8-29.1)	23.7 (17.5-29.9)	NA <sup>1</sup>
	55 to 64	25.7 (18.9-32.6)	26.4 (17.4-35.4)	NA <sup>1</sup>
	65 to 74	26.0 (17.4-34.6)	20.0 (9.9-30.1)	NA <sup>1</sup>
	75 and older	14.3 (7.2-21.4)	10.9 (2.9-18.8)	NA <sup>1</sup>
Education	Less than H.S.	25.8 (19.0-32.7)	24.1 (15.6-32.7)	NA <sup>1</sup>
	H.S. Graduate	25.4 (21.7-29.0)	24.1 (19.5-28.8)	NA <sup>1</sup>
	Some College	23.2 (19.3-27.0)	19.6 (15.0-24.2)	NA <sup>1</sup>
	Voc./Assoc. Degree	40.2 (33.0-47.5)	34.7 (25.5-43.9)	NA <sup>1</sup>
	College Graduate	25.5 (20.6-30.6)	24.8 (18.6-31.0)	NA <sup>1</sup>
Poverty Status	Less than 200%	34.8 (30.7-38.8)	31.9 (26.7-37.0)	NA <sup>1</sup>
	200% or higher	22.4 (19.5-25.3)	21.6 (18.0-25.2)	10.1 (-0.0-20.2)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.



**TABLE 9.5.D**  
**HEALTH CARE ACCESS**  
**POSTPONED DENTAL WORK IN PAST YEAR**  
**BECAUSE NERVOUS OR AFRAID**

**BRIDGE TO HEALTH SURVEY 2000**

**Question:** In the past year, have you postponed dental work? If so, why was that?

Demographic Characteristics		Region n=1658	NE MN Region n=1012	St. Louis without Duluth <sup>1</sup> n=80
<b>Overall Percent</b>		<b>13.2%</b> (11.6-14.8)	<b>12.5%</b> (10.4-14.5)	<b>11.3%</b> (3.5-17.3)
Gender	Male	11.6 (9.4-13.8)	9.6 (7.0-12.1)	9.1 (-0.1-18.4)
	Female	14.8 (12.4-17.2)	15.5 (12.3-18.7)	11.7 (1.1-22.3)
Age	18 to 34	11.8 (9.1-14.6)	9.5 (6.2-12.7)	NA <sup>1</sup>
	35 to 44	11.9 (9.0-14.9)	10.5 (7.0-14.1)	NA <sup>1</sup>
	45 to 54	13.3 (9.5-17.2)	14.2 (9.1-19.3)	NA <sup>1</sup>
	55 to 64	16.7 (10.8-22.6)	16.7 (9.1-24.3)	NA <sup>1</sup>
	65 to 74	24.1 (15.7-32.5)	28.6 (17.2-40.0)	NA <sup>1</sup>
	75 and older	9.2 (3.3-15.1)	8.8 (1.6-16.1)	NA <sup>1</sup>
Education	Less than H.S.	14.5 (8.8-19.8)	16.7 (9.3-24.2)	NA <sup>1</sup>
	H.S. Graduate	17.6 (14.4-20.7)	16.3 (12.3-20.4)	NA <sup>1</sup>
	Some College	11.2 (8.2-13.9)	9.8 (6.4-13.3)	NA <sup>1</sup>
	Voc./Assoc. Degree	8.9 (4.9-13.4)	7.9 (2.7-13.2)	NA <sup>1</sup>
	College Graduate	10.2 (6.8-13.8)	10.4 (6.0-14.8)	NA <sup>1</sup>
Poverty Status	Less than 200%	8.9 (6.6-11.4)	9.0 (5.8-12.2)	NA <sup>1</sup>
	200% or higher	15.8 (13.2-18.3)	13.4 (10.4-16.4)	13.9 (2.3-25.5)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

## **Chapter 10**

# **Physical and Mental Health Component Summary Measures**

- A. Physical Health Status**
- B. Mental Health Status**



**TABLE 10.1.A**  
**PHYSICAL AND MENTAL HEALTH COMPONENT SUMMARY MEASURES**  
**PHYSICAL HEALTH SUMMARY MEASURE**  
**MEAN SCORE**  
**BRIDGE TO HEALTH SURVEY 2000**

Demographic Characteristics		Region n=5784	NE MN Region n=3563	St. Louis without Duluth <sup>1</sup> n=291
Overall Percent		50.1 (49.9-50.3)	50.0 (49.7-50.3)	49.4 (48.3-50.6)
Gender	Male	50.7 (50.4-51.0)	50.7 (50.3-51.1)	49.8 (48.3-51.3)
	Female	49.5 (49.1-49.8)	49.4 (48.9-49.8)	49.0 (47.3-50.8)
Age	18 to 34	53.5 (53.2-53.8)	53.4 (53.0-53.7)	54.2 (53.0-55.3)
	35 to 44	51.4 (50.9-51.8)	51.3 (50.8-51.9)	50.0 (48.0-52.1)
	45 to 54	50.3 (49.7-50.8)	50.2 (49.4-50.9)	49.9 (47.2-52.6)
	55 to 64	48.2 (47.5-49.0)	48.2 (47.2-49.1)	47.5 (43.8-51.2)
	65 to 74	46.4 (45.6-47.2)	45.8 (44.7-46.9)	NA <sup>1</sup>
	75 and older	44.2 (43.3-45.2)	44.7 (43.6-45.9)	NA <sup>1</sup>
Education	Less than H.S.	46.4 (45.3-47.4)	45.8 (44.4-47.1)	NA <sup>1</sup>
	H.S. Graduate	49.4 (49.0-49.8)	49.3 (48.8-49.8)	48.5 (46.5-50.4)
	Some College	50.2 (49.7-50.7)	50.2 (49.5-50.8)	48.7 (46.3-51.1)
	Voc./Assoc. Degree	50.5 (49.8-51.2)	50.3 (49.4-51.2)	NA <sup>1</sup>
	College Graduate	52.6 (52.2-52.9)	52.7 (52.2-53.1)	52.8 (51.5-54.2)
Poverty Status	Less than 200%	47.5 (46.9-48.1)	47.3 (46.5-48.0)	45.0 (41.3-48.6)
	200% or higher	51.4 (51.1-51.6)	51.3 (50.9-51.6)	50.5 (49.2-51.9)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

**TABLE 10.1.B**  
**PHYSICAL AND MENTAL HEALTH COMPONENT SUMMARY MEASURES**  
**MENTAL HEALTH SUMMARY MEASURE**  
**MEAN SCORE**  
**BRIDGE TO HEALTH SURVEY 2000**

Demographic Characteristics		Region n=5784	NE MN Region n=3563	St. Louis without Duluth <sup>1</sup> n=291
Overall Percent		53.9 (53.7-54.1)	54.0 (53.8-54.3)	54.4 (53.6-55.1)
Gender	Male	54.5 (54.2-54.7)	54.6 (54.3-54.9)	54.9 (53.9-55.8)
	Female	53.4 (53.1-53.7)	53.5 (53.2-53.9)	53.9 (52.7-55.1)
Age	18 to 34	53.2 (52.8-53.6)	53.4 (52.9-53.8)	53.4 (51.9-54.9)
	35 to 44	52.9 (52.4-53.3)	53.1 (52.5-53.7)	53.8 (51.8-55.7)
	45 to 54	53.9 (53.4-54.3)	53.9 (53.3-54.4)	54.9 (53.7-56.0)
	55 to 64	55.2 (54.7-55.6)	55.2 (54.5-55.8)	55.7 (53.9-57.5)
	65 to 74	55.3 (54.7-55.8)	55.4 (54.7-56.2)	NA <sup>1</sup>
	75 and older	55.3 (54.8-55.9)	55.4 (54.7-56.0)	NA <sup>1</sup>
Education	Less than H.S.	53.3 (52.6-54.1)	53.5 (52.6-54.5)	NA <sup>1</sup>
	H.S. Graduate	53.9 (53.6-54.3)	54.0 (53.5-54.4)	55.8 (54.7-56.9)
	Some College	54.0 (53.6-54.3)	54.2 (53.8-54.7)	54.4 (53.0-55.8)
	Voc./Assoc. Degree	53.3 (52.6-54.0)	53.8 (53.0-54.7)	NA <sup>1</sup>
	College Graduate	54.4 (54.0-54.7)	54.2 (53.8-54.6)	54.3 (53.0-55.6)
Poverty Status	Less than 200%	52.0 (51.5-52.6)	52.0 (51.3-52.7)	52.4 (49.7-55.0)
	200% or higher	54.5 (54.3-54.8)	54.7 (54.4-55.0)	54.8 (53.9-55.7)

<sup>1</sup> Results by demographic factors for this geographic area not shown when cell size is 30 or less.

# APPENDIX

## 2000 Bridge to Health Survey Questionnaire

### HOUSEHOLD SCREENING AND INTRODUCTION

Hello, is this the \_\_\_\_\_(household address)?

1. **Correct address: continue**
2. **Address changed, out of the 18 geographic areas, brief the purpose of call, thanks, terminate**
3. **List of the reasons of refusals of SHAPE in CATI**

**Hello, my name is \_\_\_\_\_. I am calling from the University of Minnesota on behalf of the Bridge to Health Collaborative. The Bridge to Health Collaborative is made up of over 100 health and medical organizations in Northeast Minnesota and Northwest Wisconsin. They have asked us to call households in the region to conduct a community health assessment survey.**

### SCREENING RESPONDENT FROM THE HOUSEHOLD

To make sure everyone is selected randomly, we would like to talk to the person who lives in this household, is at least 18 years old, and has had the last birthday. Would that be you or someone else?

1. **Respondent is the person who answered the phone \_\_\_\_**
2. **Respondent is another person and is immediately available, ask to talk to this person \_\_\_\_**
3. **Respondent is another person who is not immediately available  
Best time and date to call back \_\_\_\_\_**
4. **Respondent is non-English speaker (brief the purpose of call, thanks, terminate)  
\_\_\_\_\_**

### INFORMED VERBAL CONSENT

(If the respondent is the person who answered the phone first, start with the fourth paragraph at \*.)

Hi \_\_\_\_\_ (first name).

**Hello, my name is \_\_\_\_\_. I am calling from the University of Minnesota on behalf of the Bridge to Health Collaborative. The Bridge to Health Collaborative is made up of over 100 health and medical organizations in Northeast Minnesota and Northwest Wisconsin. They have asked us to call households in the region to conduct a community health assessment survey.**

The survey asks questions about your health and health care. The information will be used for planning to improve the health and well being of people in your community. Your household has been randomly selected to participate in this survey.

\*Your participation in this survey will be highly appreciated. The interview will take about half an hour. All responses, including your name and address will be kept confidential. You can refuse to answer any question that you personally don't feel comfortable with. You also have the right to refuse to participate in the survey.

Would you be willing to participate in the survey?

Yes \_\_\_\_\_ **continue**

No \_\_\_\_\_ **Would you mind telling me why?**

**List of reasons of refusals of SHAPE questionnaire in CATI.**

For refusals, thank respondent, terminate

**For the time is not convenient, explain and reschedule**

\_\_\_\_\_

**START INTERVIEW WITH QUESTIONNAIRE**

1. Before we begin, I just want to verify that your zipcode is [SAY ZIPCODE]\_\_\_\_\_

2. Are you male or female?

\_\_\_ Male

\_\_\_ Female

3. [SF1]: In general, would you say your health is: [Read]

\_\_\_ Excellent

\_\_\_ Very good

\_\_\_ Good

\_\_\_ Fair

\_\_\_ Poor

\_\_\_ (Don't know/Not sure)

\_\_\_ (Refused)

4. Compared to others your age, would you say that your health is: [Read]

\_\_\_ Excellent

\_\_\_ Very good

\_\_\_ Good

\_\_\_ Fair

\_\_\_ Poor

\_\_\_ (Don't know/not sure)

\_\_\_ (Refused)

5. Have you been told by a physician that you currently have any of the following health conditions?

[Read and mark Yes or No for each item]

Allergies (not including allergies to medication)

Asthma

Back problems

Yes

No

\_\_\_

\_\_\_

\_\_\_



- Cancer \_\_\_\_\_
- Chronic lung disease (including chronic bronchitis or emphysema) \_\_\_\_\_
- Diabetes \_\_\_\_\_
- Chronic digestive disease (such as ulcers, colitis, etc.) \_\_\_\_\_
- Headaches (chronic) \_\_\_\_\_
- Heart trouble or angina \_\_\_\_\_
- Stroke related health problems \_\_\_\_\_
- High blood pressure or hypertension \_\_\_\_\_
- High cholesterol or triglycerides \_\_\_\_\_
- Joint problems (such as arthritis, rheumatism or gout) \_\_\_\_\_
- Kidney or bladder problems (including prostate problems) \_\_\_\_\_
- Depression \_\_\_\_\_
- Anxiety or panic attacks \_\_\_\_\_
- Other mental health problems \_\_\_\_\_
- Other (please specify) \_\_\_\_\_

6. How often do you use seatbelts when you drive or ride in a car? [Read]

- Always
- Nearly always
- Sometimes
- Seldom
- Never
- (Never ride or drive in a car)
- (Refused)

7. Yesterday, how many servings of fruits and vegetables did you eat? [Do not read responses.]

*[A serving size is 1/2 cup cooked or 1 cup raw]* [Do not read]

- 0 servings
- Less than 1 serving
- If 1 or more servings, write number
- (Don't know/Not sure)
- (Refused)

8. In the past year, have you used a community food shelf program?

- Yes
- No
- (Don't know/not sure)
- (Refused)

Next, I will read a list of different types of health insurance. Please answer *yes* or *no* as to whether you personally have each type of insurance right now.

9. Health insurance or an HMO through your work or union       Yes  No  
     DK/NS  Ref
10. Health insurance or an HMO through someone else's work or union       Yes  No  
     DK/NS  Ref
11. Health insurance or an HMO bought directly by yourself or your family       Yes  No  
     DK/NS  Ref
12. Indian or Tribal Health Service       Yes  No  
     DK/NS  Ref
13. Health Insurance Risk Sharing Plan (HIRSP) (WI)       Yes  No  
     DK/NS  Ref
14. Healthy Start       Yes  No  
     DK/NS  Ref
15. Medicare       Yes  No  
     DK/NS  Ref
16. BadgerCare       Yes  No  
     DK/NS  Ref
17. Medicaid, Medical Assistance, PMAP       Yes  No  
     DK/NS  Ref
18. Minnesota Comprehensive Health Association (MCHA)       Yes  
    No  DK/NS  Ref
19. General Assistance Medical Care (GAMC)       Yes  No  
     DK/NS  Ref
20. MinnesotaCare       Yes  No  
     DK/NS  Ref
21. Champus or Veterans' benefits       Yes  No  
     DK/NS  Ref
22. None       Yes  No  
     DK/NS  Ref
23. Other, (Please specify)

24. Concerning your health insurance status for the past year, would you say:
- You were insured for the entire year
- You were insured for part of the year, and uninsured for part of the year
- You were uninsured for the entire year
- (Refused)

25. In the past year, was there a time when you thought that you needed medical care but did not get it or delayed getting it?
- Yes
- No
- (Refused)

*(For those who needed medical care but did not get it or delayed getting it)*

26. Why was that? (*Mark all that apply—do not read response options*) Were there any other reasons?

- Could not get an appointment
- Didn't know where to go
- Do not like doctors
- Inconvenient time
- Could not get off work
- Had no one to take care of the children
- Transportation problems
- Not treated with respect
- It was too far to go
- Didn't think it was serious enough to go for help
- Too nervous or afraid
- It cost too much
- My insurance didn't cover it
- Other, (Please specify)
- (Refused)

27. This next question is about prescriptions for medicines. Which of these statements best describes you. In the last 6 months:

- I had no prescriptions written for me.
- I had prescriptions written for me and filled them all
- I had prescriptions written for me and did not fill at least one of them.
- Don't know/not sure
- (Refused)

28. (*If did not fill a prescription*) (*If more than one prescription not filled, answer for the last prescription not filled*)

Why was that? [*Do not read response options. Mark all that apply*] Were there any other reasons?

- The medicine was too expensive
- I don't like taking medicines
- I didn't like the side effects
- Transportation problems
- My insurance didn't cover it
- Other: (Please specify)
- (Refused)

29. In the past year, have you postponed dental work?

- Yes
- No
- (Don't know/not sure)
- (Refused)

*(If delayed dental work)*

Why was that? (*Mark all that apply—do not read response options*) Were there any other reasons?

- It cost too much
- Could not get an appointment
- Transportation problems
- Too nervous or afraid
- Don't have insurance
- Other, (Please specify) \_\_\_\_\_
- (Refused)

30. Do you avoid eating or have trouble eating or drinking certain foods because your teeth or gums hurt?

- Yes
- No
- (Refused)

31. In an average week how many days do you get at least 30 minutes of moderate physical activity like walking, cycling and vacuuming.

- # of days per week
- (Don't know/Not sure)
- (Refused)

32. In an average week how many days do you participate in vigorous physical activity that lasts at least 20 minutes like stair-master, lap swimming, skiing machine and jogging.

- # number of days per week
- (Don't know/Not sure)
- (Refused)

33. (*For those who do NOT engage in moderate and/or vigorous exercise totaling 3 or more times per week*)

What prevents you from exercising 3 or more times per week? Is there anything else that prevents you from exercising 3 or more times per week? [*Do not read response options. Mark all that apply*] Any other reasons?

- Don't want to exercise
- No benefits to exercise
- Not enough time
- Disabled or too sick
- No facilities for exercising
- No one to exercise with
- Not enough money
- Other, Specify
- (Don't know/not sure)
- (Refused)

The next questions are about your current daily activities. Please try to answer the questions as accurately as you can.

[SF2] I'm going to read a list of activities that you might do during a typical day. As I read each item, please tell me if your health now limits you a lot, limits you a little, or does not limit you at all in these activities.

34. [SF2A] Moderate activities, such as moving a table, pushing a vacuum, bowling or playing golf:

- Yes, limited a lot
- Yes, limited a little
- No, not limited at all
- Don't do these activities
- (Don't know/Not sure)
- (Refused)

35. [SF2B] (*For those limited in activities*)

Is that because of your health?

- Yes
- No
- (Don't know/Not sure)
- (Refused)

36. [SF3A] Climbing several flights of stairs. Does your health limit you a lot, limit you a little, or not limit you at all?

- Yes, limited a lot
- Yes, limited a little
- No, not limited at all
- Don't do these activities
- (Don't know/Not sure)
- (Refused)

37. [SF3B] (*For those with limited activities*)

Is that because of your health?

- Yes
- No
- (Don't know/Not sure)
- (Refused)

The following questions ask about your physical health and your daily activities.

38. [SF4] During the past 4 weeks, have you accomplished less than you would like as a result of your physical health?

- Yes
- No
- (Don't know/not sure)
- (Refused)

39. **[SF5]** During the past 4 weeks, were you limited in the kind of work or other regular daily activities you do as a result of your physical health?
- Yes
  - No
  - (Don't know/not sure)
  - (Refused)
40. **[SF6]** During the past 4 weeks, have you accomplished less than you would like as a result of any emotional problems, such as feeling depressed or anxious?
- Yes
  - No
  - (Don't know/not sure)
  - (Refused)
41. **[SF7]** During the past 4 weeks, did you not do work or other regular activities as carefully as usual as a result of any emotional problems, such as feeling depressed or anxious?
- Yes
  - No
  - (Don't know/not sure)
  - (Refused)
42. **[SF8]** During the past 4 weeks, how much did pain interfere with your normal work, including both work outside the home and housework? Did it interfere:
- Not at all
  - A little bit
  - Moderately
  - Quite a bit
  - Extremely
  - (Don't know/not sure)
  - (Refused)

The next questions are about how you feel and how things have been with you during the past 4 weeks. As I read each statement, please give me the one answer that comes closest to the way you have been feeling; is it all of the time, most of the time, a good bit of the time, some of the time, a little of the time, or none of the time?

43. **[SF12]** During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities like visiting with friends or relatives? Has it interfered:
- All of the time
  - Most of the time
  - Some of the time
  - A little of the time
  - None of the time
  - (Don't know/not sure)
  - (Refused)

44. [SF9] How much of the time during the past 4 weeks have you felt calm and peaceful?

- All of the time
- Most of the time
- A good bit of the time
- Some of the time
- A little of the time
- None of the time
- (Don't know/not sure)
- (Refused)

45. [SF10] How much of the time during the past 4 weeks, did you have a lot of energy?

- All of the time
- Most of the time
- A good bit of the time
- Some of the time
- A little of the time
- None of the time
- (Don't know/not sure)
- (Refused)

46. [SF11] How much of the time during the past 4 weeks, have you felt downhearted and blue?

- All of the time
- Most of the time
- A good bit of the time
- Some of the time
- A little of the time
- None of the time
- (Don't know/not sure)
- (Refused)

47. In the last year, have you had a flu shot?

- Yes
- No
- (Don't know/not sure)
- (Refused)

My next questions are about different types of health examinations.

48. Have you had your blood pressure checked? [Read Responses]

- Within the past year
- Within the past 2 years
- Within the past 5 years
- 5 or more years ago
- Never
- (Don't know/not sure)

\_\_\_(Refused)

49. . Have you had your blood cholesterol checked? [Read Responses] [*Blood cholesterol is a fatty substance found in the blood.*]

- \_\_\_ Within the past year
- \_\_\_ Within the past 2 years
- \_\_\_ Within the past 5 years
- \_\_\_ 5 or more years ago
- \_\_\_ Never
- \_\_\_ (Don't know/not sure)
- \_\_\_ (Refused)

50. (*For women only*)

Have you had a mammogram? [Read responses] [*A mammogram is an x-ray of each breast to look for breast cancer.*]

- \_\_\_ Within the past year
- \_\_\_ Within the past 2 years
- \_\_\_ Within the past 5 years
- \_\_\_ 5 or more years ago
- \_\_\_ Never
- \_\_\_ (Not applicable, have had a double mastectomy)
- \_\_\_ (Don't know/not sure)
- \_\_\_ (Refused)

51. (*For women only*)

Have you performed a breast self-exam? **READ RESPONSES.**

- \_\_\_ Within the past 3 months
- \_\_\_ Within the past year
- \_\_\_ Within the past 2 years
- \_\_\_ 2 or more years ago
- \_\_\_ Never
- \_\_\_ (Not applicable, have had a double mastectomy)
- \_\_\_ (Don't know/not sure)
- \_\_\_ (Refused)

52. (*For women only*)

Have you had a Pap smear? [Read responses] [*A Pap smear is a test for cancer of the cervix.*]

- \_\_\_ Within the past year
- \_\_\_ Within the past 2 years
- \_\_\_ Within the past 3 years
- \_\_\_ Within the past 5 years
- \_\_\_ 5 or more years ago
- \_\_\_ Never



- (Not applicable, had a complete hysterectomy)
- (Don't know/not sure)
- (Refused)

53. (For men only)

Have you had a prostate exam? [Read responses] *[This is commonly called a digital rectal exam. IF FURTHER EXPLANATION NEEDED: A prostate exam is when a doctor or other health professional inserts a finger in the rectum to check the prostate for problems.]*

- Within the past year
- Within the past 2 years
- Within the past 5 years
- Five or more years ago
- Never
- (Don't know/not sure)
- (Refused)

54. . (For both women and men)

Have you had any screening for colon cancer? *{Examples are proctoscopic exam and sigmoidoscopy. NOTE, THIS ALSO INCLUDES FECAL OCCULT BLOOD AND BARIUM ENEMA.*

- Within the past year
- Within the past 2 years
- Within the past 5 years
- 5 or more years ago
- NEVER
- (Don't know/not sure)
- (Refused)

55. (For women only) [From the 1997 BRFS]

Have you had a hysterectomy? *(A hysterectomy is an operation to remove the uterus or womb.)*

- Yes
- No
- (Don't Know/Not Sure)
- (Refused)

Do you have any of the following in your home?

- 56. Working smoke detector  Yes  No  (Don't know/Not sure)  
 Refused
- 57. Fire extinguisher  Yes  No  (Don't know/Not sure)  
 Refused
- 58. . Carbon monoxide detector  Yes  No  (Don't know/Not sure)  
 Refused

In the past year, have you been:

59. Robbed or burglarized

Yes  No  (Don't know/Not sure)  (Refused)

60. A victim of property damage or vandalism by another person

Yes  No  (Don't know/Not sure)  (Refused)

61. Threatened or intimidated

Yes  No  (Don't know/Not sure)  (Refused)

62. Physically injured by another person

Yes  No  (Don't know/Not sure)  (Refused)

63. Sexually harassed

Yes  No  (Don't know/Not sure)  (Refused)

64. Sexually assaulted

Yes  No  (Don't know/Not sure)  (Refused)

65. Do you use smokeless tobacco, such as snuff or chewing tobacco?

No I never have

I used to but quit

Yes

(Refused)

*(For users of smokeless tobacco)*

How many times in the past month did you use smokeless tobacco?

Everyday

Several times per week

Once a week

Less than once per week

Not at all

(Refused)

66. Do you smoke cigars?

No, I never have

I used to but quit

Yes

(Refused)

*(For cigar smokers)*

How many times in the past month did you smoke cigars?

Everyday

Several times per week

Once a week

Less than once per week

(Not at all)

(Refused)

67. Have you smoked at least 100 cigarettes in your entire life?

Yes

- No
- (Don't know/Not sure)
- (Refused)

68. *For smokers of at least 100 cigarettes in entire life*

How old were you when you first started smoking cigarettes on a regular basis?

- Years
- (Don't know/Not sure)
- (Never smoked regularly)
- (Refused]

69. *For smokers of at least 100 cigarettes in entire life, from Prochaska*

Are you currently a smoker?

- Yes
- No
- Refused

If no, How long ago did you stop smoking - would you say less than 6 months ago, 6-12 months ago, or more than 12 months ago?.

- Less than 6 months ago
- 6-12 months ago
- More than 12 months ago.
- Refused

70. *For cigarette smokers who quit more than 12 months ago*

How old were you when you quit smoking?

- Age
- (Refused)

71. *For current cigarette smokers*

On the average about how many cigarettes a day do you now smoke?

- # cigarettes (1 pack = 20 cigarettes)
- (Don't know/Not sure)
- (Refused)

72. *For current smokers*

In the last year, how many times have you quit smoking for at least one day or longer?"

- # times
- (Don't know/Not sure)
- (Refused)

73. For current smokers

Are you seriously thinking of quitting smoking? Would you say...

- Yes, within the next 30 days
- Yes, within the next 6 months
- Yes, more than 6 months from now
- No, not thinking of quitting
- (Refused)

For current smokers who quit at least one day in last year ( $Q72 > \text{than } 0$ ) and for former smokers who quit in last year ( $Q69a = 1 \text{ or } 2$ )

74. When you tried to quit in the last year, did you use...

Nicotine patch *If yes, Did it help?*

- Didn't use
- Used and helped
- Used and didn't help
- Used and don't know/not sure if helped
- Refused

75. Nicotine gum *If yes, Did it help?*

- Didn't use
- Used and helped
- Used and didn't help
- Used and don't know/not sure if helped
- Refused

76. Nicotine spray *If yes, Did it help?*

- Didn't use
- Used and helped
- Used and didn't help
- Used and don't know/not sure if helped
- Refused

77. Nicotine inhaler *If yes, Did it help?*

- Didn't use
- Used and helped
- Used and didn't help
- Used and don't know/not sure if helped
- Refused

78. Zyban *If yes, Did it help?*

- Didn't use
- Used and helped
- Used and didn't help
- Used and don't know/not sure if helped

Refused

79. Other prescription medicine *If yes, Did it help?*

Didn't use

Used and helped

Used and didn't help

Used and don't know/not sure if helped

Refused

80. Any other methods? What? [Do not read response categories. Check all that apply.]

Acupuncture

Herbs (i.e. ginseng)

Hypnosis

A quit smoking class or group

Books or pamphlets

Video or audio tapes

A website or the Internet

A telephone help-line people call for help to stop smoking

Other

This next question asks for your opinion on a matter. I am going to read you a list of places. For each location, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all?

81. . Restaurants

Allowed in all areas

Allowed in some areas,

Not allowed at all

(Don't know/not sure)

(Refused)

82. Bars and cocktail lounges

Allowed in all areas

Allowed in some areas,

Not allowed at all

(Don't know/not sure)

(Refused)

83. Indoor work areas

Allowed in all areas

Allowed in some areas,

Not allowed at all

(Don't know/not sure)

(Refused)

84. Outdoor sporting events and concerts

Allowed in all areas

Allowed in some areas,

- Not allowed at all
- (Don't know/not sure)
- (Refused)

85. *For everyone*

Does anyone, including yourself, regularly smoke inside your home?

- Yes
- No
- (Refused)

86. *For everyone*

Which of the following statements best describes the rules about smoking inside your home? Do not include decks, garages, or porches.

- Smoking is allowed anywhere and at any time
- Smoking is allowed in some places or at some times
- Smoking is not allowed in any place or at any time

87. *For everyone*

Do you know of any services or programs available to help people in your community to stop smoking?

- Yes
- No
- (Don't know/not sure)
- (Refused)

*(For those who know of services or programs)*

Can you give me an example of one of those services or program?

- Yes *(Interviewer, check if any example given)*
- No
- (Don't know/not sure)
- (Refused)

88. During the past month, have you had at least one drink of any alcoholic beverage such as beer, wine, wine coolers, or liquor?

- Yes
- No
- (Refused)

*(For those who have had at least one drink)*

89. , How many days per week or per month did you drink any alcoholic beverages on the average?

- Days per week
- OR
- Days per month
- (Don't know/not sure)
- (Refused)

*(For those who have had at least one drink)*

90. A drink is one can of beer, 1 glass of wine, 1 bottle of wine cooler, 1 cocktail, or 1 shot of liquor. On the days that you drink, about how many drinks do you have on average?

- Number of drinks
- (Don't know/not sure)
- (Refused)

*(For those who have had at least one drink)*

91. Considering all types of alcoholic beverages, that is beer, wine, wine coolers, cocktails, and liquor as drinks, how many times in the past month did you have 5 or more drinks on one occasion? *(Note: if none enter zero for the number of times.)*

- Number of times
- (Don't know/not sure)
- (Refused)

92. How many times in the past year did you drive or ride in any of the following types of vehicles when you thought that the driver had too much to drink? *(Note: If did not do this, enter a zero for the number of times.)*

- Car or truck
- Boat
- Snowmobile
- Other

Finally, just a few questions that will help us compare your answers with others in your community.

93. In what year were you born?

- Year
- (Refused)

94. Are you currently [read choices]?

- Married
- Separated
- Divorced
- Widowed
- Never been married
- A member of an unmarried couple (living together but not married)
- (Don't know/not sure)
- (Refused)

95. What is the highest grade you completed in school?

- 8th grade or less
- Some high school
- High School Graduate/GED

- Some college or other schooling after high school such as vocational or technical school
- Graduate of a vocational or trade school
- Associate degree
- Bachelors degree
- Post graduate or professional degree
- (Refused)

96. Including yourself, how many adults and how many children live in your household?

- Number of adults
- Number of children under 5 years old
- Number of children 5 to 17 years old
- (Refused)

97. Are you of Hispanic, Latino, or Chicano origin?

- Yes
- No
- (Don't know/not sure)
- (Refused)

98. What is your race? Would you say you are (*pause after each one*)

- American Indian
- Asian or Pacific Islander
- Black or African American
- White
- Other, Please specify:
- (Don't know/not sure)]
- (Refused)]

99. How tall are you without shoes?

feet  inches

100. Approximately how much do you weigh?

Pounds



101. Approximately what was your household income from all sources last year before taxes? {Read categories if amount not provided. “How about if I give you some categories. If you are self employed or own your own business, please report your net income after business deductions.”}

[CATEGORIES FROM THE CHAMP (Child Health Assessment and Monitoring Project) SURVEY USED]

On behalf of the Bridge to Health Collaborative, thank you very much for your participation.