

A yellow map of Minnesota is centered on the page. The text "2002 MINNESOTA COUNTY HEALTH TABLES" is printed in a bold, black, serif font over the map. The text is arranged in four lines: "2002" on the first line, "MINNESOTA" on the second, "COUNTY HEALTH" on the third, and "TABLES" on the fourth.

2002
MINNESOTA
COUNTY HEALTH
TABLES

Minnesota Department of Health
Minnesota Center for Health Statistics
December, 2002



2002 Minnesota County Health Tables

December, 2002

Minnesota Department of Health
Center for Health Statistics
Metro Square Building – Suite 450
PO Box 64975
St. Paul, MN 55164

Telephone: 651.296.8422
Fax: 651.296.9362

Table of Contents

Introduction

Introduction	i
Section Descriptions and Notes	i
CHP/MCHT Crosswalk Table	iii

Section A: Demographics

Table 1: Estimated Population by Age and Sex	A-1
Table 2: Minnesota Population by Race and Ethnicity by State and County	A-45
Table 3: Selected Minnesota Population Statistics by State and County	A-47
Table 4: Selected Minnesota Demographics	A-49
Table 5a and b: Selected Minnesota Socioeconomic Statistics by State and County	A-51
Table 6a and b: Minnesota Family Investment Program – Medical Assistance and GAMC Average Monthly Enrollment by State and County, 2001	A-55

Section B: Natality

Table 1: Selected Minnesota Natality Statistics by State and County, 2001	B-1
Table 2: Prematurity and Low Birth Weight in Singleton Births in Minnesota by State and County, 2001	B-3
Table 3: Infant Mortality by State and County, 1996-2000	B-5
Table 4: Prenatal Care in Minnesota by State and County, 2001	B-8
Table 5: Obstetric Procedures in Minnesota by State and County, 2001	B-10
Table 6: Fertility and Family Planning in Minnesota by State and County, 2001	B-12
Table 7: Minnesota Teen Births and Pregnancies by State and County, 2001	B-14
Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota by State and County, 2001	B-16
Table 9: Race and Ethnicity of Mother in Minnesota by State and County, 2001	B-18

Section C: Mortality

Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000	C-1
Table 2: Minnesota Years of Potential Life Lost to Age 65 and 75 by State and County, 2000	C-45
Table 3a: Number of Fatal Unintentional Injuries, Homicides and Suicides in Minnesota by State and County, 2000	C-77
Table 3b: Number of Fatal Fall, Motor Vehicle and Pedestrian Injuries in Minnesota by State and County, 2000	C-79
Tables 4a, b & c: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota, 1997-1999	C-81

Section D: Morbidity and Utilization

Tables 1a, b and c: Number and Percent of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota, 1997-1999	D-1
Table 2: Number of Cases of Vaccine Preventable Disease Morbidity in Minnesota by State and County, 2001	D-7
Table 3a: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota by State and County, 2001	D-9
Table 3b: Number of Other Selected Diseases Reported in Minnesota by State and County, 2001	D-11
Tables 4a and b: Number of Selected Health Care Providers in Minnesota by State and County, 2001	D-13
Table 5a: Minnesota Nonfatal Traumatic Brain Injuries Number and Rate per 100,000 population by State and County, 1997 -2001	D-17
Table 5b: Minnesota Nonfatal Spinal Cord Injuries Number and Rate per 100,000 population by State and County, 1997 - 2001	D-19
Table 6a: Minnesota Long-Term Care Facilities Utilization by State and County, 2001	D-22
Table 6b: Number of Discharged Minnesota Nursing Home Residents by State and County, 2001	D-24
Table 6c: Number of Discharged Minnesota Boarding Care Home Residents by State and County, 2001	D-26
Table 7a: Minnesota Behavioral Risk Factors of Adults – County Synthetic Estimates and State Estimates, 2000	D-28
Table 7b: Health Status – Minnesota County Synthetic Estimates and State Estimates, 2000	D-31
Table 7c: Health Care Utilization – Minnesota County Synthetic Estimates and State Estimates, 2000	D-33
Table 8: Diabetes Prevalence in the 65 to 74 year old Minnesota Medicare Population by State and County	D-36
Table 9: Diabetes Preventive Care in the 65 to 74 year old Minnesota Medicare Population by State and County	D-38
Table 10a: Hospital Discharge Claims in the 65 to 74 year old Minnesota Medicare Population by State and County	D-40
Table 10b: Total Reimburse Charges for Hospital Claims in the 65 to 74 year old Minnesota Medicare Population by State and County	D-42

Table of Contents

Table 11: 2001 Minnesota Student Survey Crosswalk	D-44
Table 12: Seat Belt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seat Belts by Age Group by State and County, 2001	D-48
Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001	D-92

Section E: Chemical Health

Chemical Health Introduction.....	E-1
Table 1: Minnesota Alcohol-Related Motor Vehicle Crashes by State and County, 1999-2001.....	E-3
Table 2: Minnesota Alcohol-Related Motor Vehicle Injuries by State and County, 1999-2001	E-5
Table 3: Minnesota Alcohol-Related Motor Vehicle Fatalities by State and County, 1999-2001.....	E-7
Table 4: Minnesota Driving While Impaired Violations – Number and Rate per 10,000 Population by State and County of Occurrence, 1997-2001.....	E-9
Table 5: Minnesota Driving While Impaired Violations – Number and Rate per 10,000 Population by State and County of Resident, 1997-2001	E-11
Table 6: Minnesota “Not a Drop” Violations – Number and Rate per 10,000 Population by State and County of Occurrence, 1997-2001.....	E-13

Section F: Environmental Health

Environmental Health - Blood Lead.....	F-1
Table 1: Number of Minnesota Children (0 to 72 Months of Age) Tested according to Blood Lead Levels in Micrograms per Deciliter ($\mu\text{g}/\text{dL}$) in 2001 by State and County	F-2
Environmental Health - Food, Beverage and Lodging	F-4
Table 2: Food, Beverage and Lodging Licenses and Inspections by State and County.....	F-5
Environmental Health - Foodborne and Waterborne Disease Outbreaks	F-7
Table 3: Foodborne and Waterborne Disease Outbreaks in Minnesota by State and County, 2001.....	F-8
Environmental Health - Hazardous Substances Emergency Events Surveillance	F-10
Table 4: Average Hazardous Material Releases, Injuries, Evacuations, and Chemicals per Event for 2000-2001 in Minnesota by State and County	F-11
Environmental Health - Radioactivity and Radiation	F-13
Table 5: Median Strontium-90 Levels (pCi/L) in Pasteurized Milk by Minnesota Site and Year.....	F-13
Environmental Health - Radon	F-14
Table 6: Radon Test Data in Minnesota by State and County (from alpha track detectors analyzed prior to October 2002).....	F-14

Section G: Maternal and Child Health

Maternal and Child Health Introduction.....	G-1
Table 1: Minnesota Children with Special Health Care Needs by State and County, 2001	G-2
Table 2: Resource Utilization for Minnesota Children with Special Health Need by State and County	G-5
Table 3: Number of Minnesota Children (birth to 3) Receiving Early Intervention Services as of December 1, 2001 by State and County.....	G-8
Table 4: Number of Minnesota Children "At Risk" Tracked by Follow Along Program through the Minnesota Department of Health as of June 30, 2001	G-10
Table 5: Number of Minnesota Children Eligible or on Supplemental Security Income (SSI) or Tax Equity and Fiscal Responsibility Act (TEFRA) by State and County	G-12

Section H: Selected Public Health Data Websites

Selected Public Health Data Websites.....	H-1
---	-----

Introduction

This is the first edition of the Minnesota County Health Tables (MCHT) which replace the County Health Profiles (CHP) which the Minnesota Center for Health Statistics has produced for many years. The data included are the same as in years past, but presented in a slightly different manner. The CHP/MCHT Crosswalk Table included in this introduction provides the table headings and page numbers from the most recent County Health Profiles and the corresponding tables from the new Minnesota County Health Tables. The County Health Profiles for 1996, 1998 and 2000 are still available on the Minnesota Planning website, www.mnplan.state.mn.us/datanetweb/health.html.

Users of the Minnesota County Health Tables must be aware that all data are subject to potential error. Sources of these errors include under-registration, informant or respondent errors, sampling errors, and data processing errors. Every effort has been made to minimize these errors. However, the most dangerous error remains that of the inaccurate interpretation of data that has been provided.

The user should review the definitions of terms used in the Minnesota County Health Tables. The data included in this publication are from the most recently available year(s). In an area of small population the presence or absence of a relatively rare health event should not be used to confirm or deny a specific public health problem.

Section Descriptions and Notes

Section A: Demographics Tables

This section includes selected demographic statistics from various sources, including the U.S. Census Bureau, Minnesota State Demographer's Office, the Minnesota Departments of Human Services, Economic Security and Children, Families and Learning.

Section B: Natality Tables

This section includes various birth statistics collected from Minnesota birth certificates which are filed with the Section of Vital Statistics Registration, Minnesota Department of Health. The majority of data are from the calendar year 2001.

All birth data in this section are by county of residence.

Section C: Mortality Tables

This section includes various death statistics collected from Minnesota death certificates which are filed with the Section of Vital Statistics Registration, Minnesota Department of Health. The data are from the calendar year 2000 because 2001 death data were not available at the time of publication.

Mortality data in this publication are classified using the International Classification of Diseases, version 10 (ICD-10). Version 10 has been used since 1999. From 1979-1998, ICD-9 was used for coding deaths. The ICD-10 differs from ICD-9 in a number of respects although the overall content is similar. The change from ICD-9 to ICD-10 should be taken in consideration when comparing 1999 and 2000 mortality data to previous years. For more information on ICD-10, please refer to the Centers for Disease Control and Prevention website, <http://www.cdc.gov/nchs/about/major/dvs/icd10des.htm>.

All death data in this section are by county of residence.

Section D: Morbidity and Service Utilization Tables

Included in this section are surveillance data on cancer, sexually transmitted diseases, traumatic brain injuries, survey data on behavioral risk factors and utilization data. The 2001 Minnesota Student Survey results are not included in this section but can be found on the Minnesota Department of Children, Families and Learning website, <http://cfl.state.mn.us/studentsurvey/>

Section E: Chemical Health

The Chemical Health section focuses on alcohol use. Data in this section include percent of motor vehicle crashes, injuries and fatalities in which alcohol use was involved and driving while intoxicated. Unless specified these data are by county of occurrence. Adult chemical health use data from the Behavioral Risk Factor Surveillance System are in Section D, Table 7a. Youth chemical use data from the 2001 Minnesota Student Survey are located on the Minnesota Department of Children, Families and Learning website, <http://cfl.state.mn.us/studentsurvey/>

Section F: Environmental Health Tables

The Environmental Health Section includes county-specific summary data from the following Environmental Health programs: blood lead; fish consumption advisory; food, beverage, and lodging; foodborne/waterborne disease outbreaks; hazardous substance emergency events surveillance; radioactivity and radiation; and radon. This section contains a description of the health hazard; the most current data available, generally summarized by county and state; and any limitations or biases to be considered before using the data.

Section G: Maternal and Child Health Tables

This section of the Minnesota County Health Tables consists of supplemental information related to the Minnesota Children with Special Health Needs program. These data are provided by the Minnesota Department of Health, Family Health Division.

Section H: Selected Public Health Data Websites

The section provides a list of other public health data resources that might be useful in public health assessment. This list is by no means exhaustive.

County Health Profile/Minnesota County Health Tables Crosswalk

2000 County Health Profiles (CHP)			2002 Minnesota County Health Tables (MCHT)		
Section	Table Name	Page(s)	Section	Table(s)	Page(s)
Demographics and Vital Statistics	Estimated Population by Age and Sex	A-1	Demographics	1	A-1 to A-44
Demographics and Vital Statistics	Estimated Population by Race and Ethnicity	A-2	Demographics	2	A-45 to A-46
Demographics and Vital Statistics	Selected Demographics	A-3	Demographics	3 and 4	A-47 to A-50
Demographics and Vital Statistics	Selected Socioeconomic Data	A-4	Demographics	5a and 5b	A-51 to A-54
Demographics and Vital Statistics	Medical Assistance Programs	A-5	Demographics	6a and 6b	A-55 to A-58
Demographics and Vital Statistics	Selected Natality and Mortality Statistics	A-6	Natality	1	B-1 to B-2, CHS-1*
Demographics and Vital Statistics	Prematurity and Low Birth Weight	A-7	Natality	2	B-3 to B-4, CHS-2*
Demographics and Vital Statistics	Infant Mortality	A-8	Natality	3	B-5 to B-7, CHS-3*
Demographics and Vital Statistics	Prenatal Care	A-9	Natality	4	B-8 to B-9, CHS-4*
Demographics and Vital Statistics	Obstetric Procedures	A-10	Natality	5	B-10 to B-11, CHS-6*
Demographics and Vital Statistics	Fertility and Family Planning	A-11	Natality	6	B-12 to B-13, CHS-6*
Demographics and Vital Statistics	Teen Births and Pregnancies	A-12	Natality	7	B-14 to B-15, CHS-7*
Demographics and Vital Statistics	Socio-Demographic Factors Related to Birth Outcomes	A-13	Natality	8	B-16 to B-17, CHS-8*
Demographics and Vital Statistics	Race and Ethnicity of Mother	A-14	Natality	9	B-18 to B-19, CHS-9*
Demographics and Vital Statistics	Leading Causes of Death by Age Group	A-16 to A-17	Mortality	1	C-1 to C-44
Demographics and Vital Statistics	Leading Causes of Death, All Ages	A-17	Mortality	1	C-1 to C-44
Demographics and Vital Statistics	Mortality by YPLL, Ages 0-65	A-18	Mortality	2	C-45 to C-76
Demographics and Vital Statistics	Mortality by YPLL, Ages 0-75	A-19	Mortality		C-45 to C-76
Morbidity, Utilization and Other Data	Number of Cases of Cancer Diagnosed by Major Site and Sex	B-1	Morbidity and Utilization	1a	D-1 to D-6
Morbidity, Utilization and Other Data	Number of Cancer Deaths Diagnosed by Type of Cancer and Sex	B-1	Mortality	4a, 4b and 4c	C-81 to C-86
Morbidity, Utilization and Other Data	Unintentional Fatal Injury, Suicide and Homicide	B-2	Mortality	3a and 3b	C-77 to C-80
Morbidity, Utilization and Other Data	Motor Vehicle Injuries by Severity and Age Group	B-3	Morbidity and Utilization	12	D-48 to D-91
Morbidity, Utilization and Other Data	Seat Belt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seat Belts by Age Group	B-4	Morbidity and Utilization	13	D-92 to D-135

2000 County Health Profiles (CHP)			2002 Minnesota County Health Tables (MCHT)		
Section	Table Name	Page(s)	Section	Table(s)	Page(s)
Morbidity, Utilization and Other Data	Vaccine-Preventable Disease Morbidity Comparison of County and State Totals	B-5	Morbidity and Utilization	2	D-7 to D-8
Morbidity, Utilization and Other Data	Selected Notifiable Diseases Reported – Sexually Transmitted Diseases	B-6	Morbidity and Utilization	3a	D-9 to D-10
Morbidity, Utilization and Other Data	Selected Notifiable Diseases Reported – Other Selected Diseases	B-6	Morbidity and Utilization	3b	D-11 to D-12
Morbidity, Utilization and Other Data	Long-Term Care Facilities Utilization	B-7	Morbidity and Utilization	6a and 6c	D-22 to 23 and D-26 to D-27
Morbidity, Utilization and Other Data	Number and Percent Distribution of Discharged Long-Term Care Facility Residents	B-7	Morbidity and Utilization	6b	D-24 to D-25
Morbidity, Utilization and Other Data	Behavioral Risk Factors of Adults	B-8	Morbidity and Utilization	7a	D-28 to D-29
Morbidity, Utilization and Other Data	Health Status and Health Care Utilization	B-8	Morbidity and Utilization	7b and 7c	D-31 to D-34
Morbidity, Utilization and Other Data	Selected Health Care Provider Statistics	B-9	Morbidity and Utilization	4a and 4b	D-13 to D-16
Morbidity, Utilization and Other Data	Nonfatal Traumatic Brain Injuries	B-10	Morbidity and Utilization	5a	D-17 to 18
Morbidity, Utilization and Other Data	Nonfatal Spinal Cord Injuries	B-10	Morbidity and Utilization	5b	D-18 to D-20
Morbidity, Utilization and Other Data	Minnesota Student Survey Results	B-11 to B-16	Morbidity and Utilization	11	D-44 to D-47 (Crosswalk table only, see Minnesota Department of Children, Families and Learning website, http://cfl.state.mn.us/studentsurvey/ for 2001 MSS survey results.
Morbidity, Utilization and Other Data	Diabetes in the Medicare Population	B-17 to B-19	Morbidity and Utilization	8 to 10	D-35 to D-43
Chemical Health	Alcohol-Related Motor Vehicle Crashes	C-1	Chemical Health	1	E-3 to E-4
Chemical Health	Alcohol-Related Motor Vehicle Injuries	C-3 to C-4	Chemical Health	2	E-5 to E-6
Chemical Health	Alcohol-Related Motor Vehicle Fatalities	C-5 to C-6	Chemical Health	3	E-7 to E-8
Chemical Health	Driving While Impaired (DWI) Violations by County of Occurrence	C-7 to C-8	Chemical Health	4	E-9 to E-10
Chemical Health	Driving While Impaired (DWI) Violations by County of Residence	C-9 to C-10	Chemical Health	5	E-11 to E-12
Chemical Health	“Not a Drop” Violations	C-11 to C-12	Chemical Health	6	E-13 to E-12
Chemical Health	Youth Use and Other Youth Indicators	C-13 to C-14	These indicators are from the Minnesota Student Survey (MSS) and are not in this publication. See Minnesota Department of Children, Families and Learning website, http://cfl.state.mn.us/studentsurvey/ for 2001 MSS survey results. See page E-2 in the MCHT for a list of MSS tables that have chemical health related questions.		
Chemical Health	Adult Chemical Use	C-15	Morbidity and Utilization	7a	D-28 to D-29

2000 County Health Profiles (CHP)			2002 Minnesota County Health Tables (MCHT)		
Section	Table Name	Page(s)	Section	Table(s)	Page(s)
Environmental Health	Blood Lead	D-2	Environmental Health	1	F-1 to F-3
Environmental Health	Food, Beverage and Lodging	D-3	Environmental Health	2	F-4 to F-6
Environmental Health	Foodborne and Waterborne Disease Outbreaks	D-4	Environmental Health	3	F-7 to F-9
Environmental Health	Hazardous Substances Emergency Events Surveillance	D-5 to D-6	Environmental Health	4	F-10 to F-12
Environmental Health	Radioactivity and Radiation	D-7	Environmental Health	5	F-13
Environmental Health	Radon	D-8	Environmental Health	6	F-14 to F-16
Environmental Health	Data Sources from Other Agencies	D-9	Selected Public Health Data Websites		
Maternal and Child Health	Estimated Number of Children with Special Health Needs	E-2	Maternal and Child Health	1	G-2 to G-4
Maternal and Child Health	Children with Special Health Needs - Program Participation	E-3	Maternal and Child Health	2	G-5 to G-7
Maternal and Child Health	Early Intervention	E-4	Maternal and Child Health	3	G-8 to G-9
Maternal and Child Health	Tracking and Follow Along	E-4	Maternal and Child Health	4	G-10 to G-11
Maternal and Child Health	SSI and TEFRA	E-4	Maternal and Child Health	5	G-12 to G-14
Resource Guide		F-1	Selected Public Health Data Websites		

*Community Health Service Agency