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# 2008 MINNESOTA HEALTH STATISTICS

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MINNESOTA CENTER FOR HEALTH STATISTICS





**2008**

**MINNESOTA HEALTH STATISTICS**

Minnesota Center for Health Statistics  
Minnesota Department of Health  
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## FOREWORD

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*Minnesota Health Statistics 2008* was prepared by the Minnesota Center for Health Statistics of the Minnesota Department of Health and is the 58<sup>th</sup> annual summary of vital statistics published by the Department.

If you have suggestions concerning the report format, queries concerning the data formulae used in developing the statistics, or if you have requests for additional statistics or other related publications, please contact:

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## TABLE OF CONTENTS

---

Introduction .....	i
Technical Notes .....	iii
A. Changes in Format and Coding .....	iii
B. Sources of Data .....	iii
C. Data Quality .....	iv
D. Geographic Classification .....	v
E. Rates .....	v
Overview of 2008 Vital Statistics .....	1
Live Births .....	13
Fertility .....	35
Infant Mortality and Fetal Deaths .....	37
Mortality .....	53
Marriage & Divorce .....	93
Population .....	95
Appendix .....	107
Definitions .....	107
Data Collection Instruments .....	111

## LIST OF TABLES

---

### Overview of 2008

---

Table 1	Percent Changes Between 2007 and 2008, Selected Minnesota Health Statistics . . . . .	1
Table 2	Resident Live Births, Crude Birth Rates, Fertility Rates, Minnesota and United States, 1940,1945,1950, 1955,1960,1965,1970,1975,1980, 1985-2008 . . . . .	2
Table 3	Numbers and Rates of Resident Live Births, Deaths, And Maternal Deaths, Minnesota and United States, 1940,1945,1950,1955,1960,1965,1970,1975,1980, 1985-2008 . . . . .	3
Table 4	Numbers and Rates of Resident Infant Deaths, Neonatal Deaths, and Fetal Deaths, Minnesota and United States, 1940,1945,1950,1955,1960,1965,1970,1975,1980, 1985-2008 . . . . .	4
Table 5	Marriages and Divorces/Annulments, Numbers and Rates, Minnesota and United States, 1940,1945,1950,1955,1960, 1965,1970,1975,1980, 1985—2008 . . . . .	5
Table 6	Births, Deaths, Infant Deaths, Fetal Deaths, Marriages, And Divorces/Annulments by Month, Minnesota Occurrence . . . .	6
Table 7	Births, Deaths, Fetal Deaths, Infant Deaths, and Neonatal Deaths by Urban Area of Residence, Minnesota . . . . .	7

### Live Births

---

Table 1	Live Births by County of Occurrence Distributed According To Residence; Resident Live Births Distributed According To Place of Birth, Minnesota, 2008. . . . .	14
Table 2	Selected Resident Natality Statistics by County and Selected City, Minnesota, 2008 . . . . .	16
Table 3	Live Births by County of Residence and Age of Mother, Minnesota, 2008 . . . . .	29
Table 4	Live Births by Birth Weight Group by Live Birth Order And by Sex, Minnesota Residents, 2008 . . . . .	31
Table 5	Live Births by Birth Order and Age of Mother, Minnesota Residents, 2008 . . . . .	32
Table 6	Live Births and Fetal Deaths by Prenatal Care, Race of Mother, and Marital Status, by Age of Mother, Minnesota Residents, 2008 . . . . .	33

### Fertility

---

Table 1	Total Reported Pregnancies by Outcome and Rate, Minnesota Residents, 1980-2008 . . . . .	35
Table 2	Pregnancy Outcomes and Rate by Age of Woman, Minnesota Residents, 1995,2000,2005,2008 . . . . .	36

## LIST OF TABLES (CONT.)

---

### Infant Mortality And Fetal Death

---

Table 1	Infant, Neonatal, and Post-Neonatal Deaths by Cause, Minnesota Residents, 2008 . . . . .	37
Table 2	Fetal Deaths of 20 Weeks and Over by Cause and Weight, Minnesota Residents, 2008 . . . . .	38
Table 3	Infant and Neonatal Deaths by Race of Child, Fetal Deaths by Race of Mother, by County and Selected City of Residence, Minnesota, 2008 . . . . .	39

### Mortality

---

Table 1	Deaths by County of Occurrence Distributed According to Residence, Resident Deaths Distributed According to Place of Death, Minnesota, 2008 . . . . .	54
Table 2	Deaths From Selected Causes by Age Group and Sex, Minnesota Residents, 2008 . . . . .	56
Table 3	Deaths Due To Selected Causes by Race, Minnesota Residents, 2008 . . . . .	74
Table 4.1	U.S. Fifteen Leading Causes of Death, Death Rates per 100,000 Population, and Percent of Total Deaths, Minnesota Residents, 2008 . . . . .	75
Table 4.2	Minnesota Fifteen Leading Causes of Death, Death Rates Per 100,000 Population, and Percent of Total Deaths, Minnesota Residents, 2007 . . . . .	76
Table 5	Leading Causes of Death by Selected Age Groups, Minnesota Residents, 2008 . . . . .	77
Table 6	Deaths Due to HIV Infection, Minnesota Residents, 2008 . . . . .	78
Table 7	Deaths Occurring in Minnesota by Cause and Autopsy Status, 2008 . . . . .	79
Table 8	Selected Resident Mortality Statistics by County and Selected City, Minnesota Residents, 2008 . . . . .	80

### Marriages & Divorces

---

Table 1	Marriages by County of Occurrence, Minnesota, 2008 . . . . .	93
Table 2	Dissolutions of Marriage by County of Occurrence, Minnesota, 2008 . . . . .	94

### Population

---

Table 1	Population Estimates by County and Selected City, by Age Group and Sex, Minnesota, 2008 . . . . .	95
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## **LIST OF FIGURES**

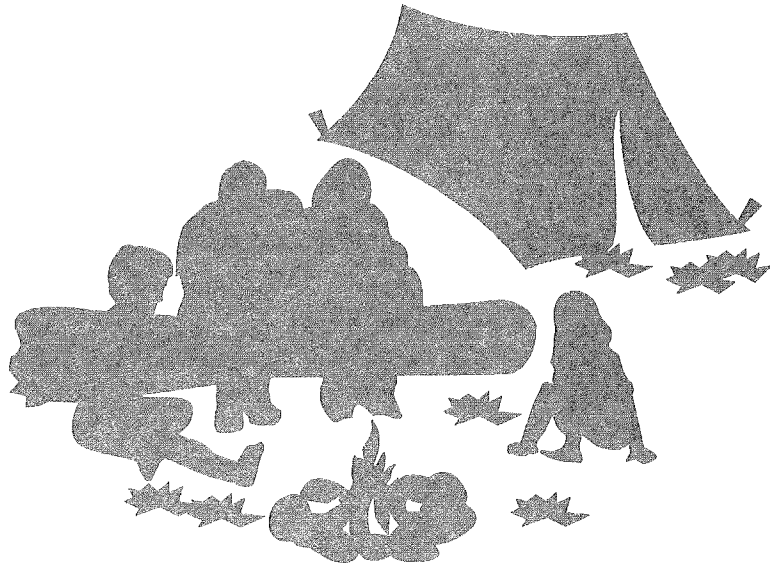
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Figure 1	Certificate of Live Birth (VRV2000 version) .....	113
Figure 2	Certificate of Death (VRV2000 version) .....	114
Figure 3	Report of Fetal Death (VRV2000 version). .....	115



# INTRODUCTION

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### Pregnancy Outcomes: Live Births, Fetal Deaths, Abortions

Live births to Minnesota residents decreased by 1.8 percent from 73,675 in 2007 to 72,382 in 2008. The crude birth rate dropped to 13.9 per thousand population, down from 14.2 in the previous two years. The fertility rate (births per thousand female population age 15 – 44) decreased by 0.9 percent from 69.6 in 2007 to 69.0 in 2008. The estimated population of females age 15-44 also decreased (by 1.0%) while the total population went up by only 0.4%.

Births to mothers under the age of 20 and to those age 35 and over have been of special interest to public health professionals because these births tend to have more complications during pregnancy and childbirth, more infants of low birth weight and with congenital anomalies, and more infant deaths. After two years of increases, the number of births to mothers under 20 years of age decreased by 5.8% from 5,249 in 2007 to 4,944 in 2008. The age-specific birth rate per 1,000 female population age 15-19 decreased to 27.2 in 2008, a decrease of 4.6% from 2007's rate of 28.5 per 1,000. As it did in 2007, the number of live births to mothers age 35 and over decreased in 2008 after a number of years of steady increases. The number decreased 2.5 percent from 10,708 in 2007 to 10,439 in 2008. The age-specific birth rate increased by 0.7 percent from 29.2 births per 1,000 female population age 35-44 in 2007 to 29.4 per 1,000 in 2008.

As shown in Overview Table 1, the number of births increased for African American, American Indian and Asian/Pacific Islander mothers, but decreased for white and Hispanic mothers. Continuing as begun with 2004 data, an individual may report more than one race, as well as Hispanic origin, which is still collected as a separate item. Thus 2008 race/Hispanic origin data is directly comparable with that for 2004, 2005, 2006 and 2007. (See the Technical Notes section, part A, Changes in Format and Coding for more information.)

The number of reported induced abortions to Minnesota residents in 2008 decreased from that reported in 2007. 11,896 induced abortions were reported in 2008 compared to 12,770 in 2007, a decrease of 6.8%. The 2008 rate dropped to 11.3 induced abortions per 1,000 female population age 15-44 from 12.1 in 2007. While total numbers of induced abortions are reported in the Fertility section of this report, more detailed induced abortion data is reported in a separate publication entitled *Report to the Legislature: Induced Abortions in Minnesota*. These reports, beginning with October 1998 data, may be viewed on our website at <http://www.health.state.mn.us/divs/chs/abrpt/abrpt.htm>.

The total number of pregnancies reported by Minnesota residents in 2008 was 84,653, a decrease of 2.5 percent from the 2007 figure of 86,832.

## Deaths

The total number of deaths to Minnesota residents increased from 37,086 in 2007 to 38,431 in 2008, an increase of 3.6 percent. The crude death rate increased from 7.2 per 1,000 population in 2007 to 7.4 in 2008. Malignant neoplasms, heart disease, and cerebrovascular diseases continue to be the three leading causes of death in Minnesota.

Minnesota's infant mortality rate of 6.0 per 1,000 live births exhibits an increase from the rate of 5.5 in 2007. The number of infant deaths, 407 in 2007 compared to 433 in 2008, is an increase of 6.4 percent. Care must be exercised in interpreting these changes as the number of infant deaths is very small. Thus a change in number or rate, though appearing to be rather large, may not be statistically significant.

As with births, 2008 represents the fifth year of death data in which more than one race may be reported for an individual as well as Hispanic origin, which is still collected as a separate item. Race data is thus directly comparable for 2004, 2005, 2006, 2007 and 2008. See the Technical Notes section, part A, Changes in Format and Coding for more information.

## Marriage, Dissolutions, and Annulments

The number of marriages occurring in Minnesota decreased 4.0 percent from 30,097 in 2007 to 28,892 in 2008.

The number of dissolutions and annulments occurring in Minnesota decreased from 16,660 in 2007 to 16,138 in 2008, a 3.1 percent decrease. Divorce data for this publication was provided by the Minnesota State Court Administrator's Office. (See the Technical Notes section, part B, Sources of Data for more information.)

### A. Changes in Format and Coding

Beginning in January of 2004 and continuing throughout 2008, more than one race may be selected when reporting race of decedent on a death certificate and race of mother and of father on a birth certificate or fetal death report. In 2008 as in 2007, approximately 1.4% of Minnesota resident birth mothers chose more than one race, while approximately 0.2% of resident death records indicated multiple races.

For those who report more than one race, a bridged-race code is generated, assigning that individual to one of the four race categories of white, black, American Indian, and Asian/Pacific Islander, allowing for statistical comparisons to previous years' data. Due to the small number of multi-race persons in Minnesota, this generated code has little or no effect on the percents and rates by race found in this publication.

For 2008 data, the race coding was again done by the National Center for Health Statistics (NCHS) rather than in-house. As with 2004 data, when coding a record where a Hispanic ethnicity was entered in the race field (in addition to the separate Hispanic ethnicity field) that record was coded by NCHS as 'Other', whereas in previous years that person would have been coded to 'White'. Numbers for 2004 through 2008 are thus comparable, but compared with earlier years of data the count for 'Other Race' mothers is increased and the count of 'White' mothers is decreased. This artifact does not appear in the death data because older Minnesotans, to whom most of the deaths occur, are overwhelmingly non-Hispanic whites.

### B. Sources of Data

#### Vital Events

Birth and death certificates and fetal death reports filed with the Office of the Registrar, Minnesota Department of Health for calendar year 2008 are the source documents for data on vital events of Minnesota residents. Sample copies of each of these documents are included in the Appendix, Figures 1, 2, and 3. All vital events are now reported electronically via the Vital Records Vision 2000 System.

Marriage data are compiled from monthly counts submitted to the Office of the State Registrar by each County Court Administrator or Registrar.

Minnesota divorce data for 2008 were obtained from a report compiled for the Minnesota Center for Health Statistics by the Research and Evaluation Unit, Court Services Division of the Minnesota Supreme Court Administrator's Office, using data from the MN Total Court Information System (TCIS) and the MN Court Information System (MNCIS). As with marriage data, the only information currently available for this report is counts by county and by month of year.

Late 2008 vital event certificates may have been filed after preparation of the annual report. It is therefore possible that future data obtained from MDH may differ slightly from that which appears in this report due to updates to the data year made after the cutoff date.

Live births and deaths to Minnesota residents that occurred in another state are included in this report insofar as they are reported to the Office of the State Registrar. The inclusion of this data is made possible by an agreement for exchange of copies of resident certificates among all registration areas in the United States. Not all of the states participate in the exchange of fetal death reports, thus this report includes only fetal deaths that occurred in Minnesota. Since marriage and dissolution reports are not part of the interstate exchange program for vital events, the marriage and dissolution data in this report are Minnesota occurrences only.

### Population

Census counts for 2008 by county, gender, and age group were provided by the U.S. Bureau of the Census. Estimates of the total populations for Minneapolis, St. Paul, and Duluth were also obtained from the U.S. Census Bureau. Counts by age group and gender were calculated by multiplying these estimated totals by age/gender proportions for these cities derived from the 2000 Census.

## C. Data Quality

The quality of data presented in this report is directly related to the completeness and accuracy of the information contained in the source documents.

### Births, Deaths, Fetal Deaths

The success of all source documents requires the cooperation and assistance of medical care providers, medical records and other hospital staff, funeral directors, and county and city vital records registrars. Working together they can assure quality vital statistics databases.

The Minnesota Department of Health maintains two major program operations related to improving the quality of information received on certificates in order to ensure that the information is as complete and accurate as possible:

1. The query program is a system used to contact hospital personnel, funeral directors, and/or physicians concerning incomplete or conflicting information. The follow-up contact is usually done by telephone and is based on both manual and computer editing procedures.
2. The field program is focused on educating participants in the vital registration system, i.e. hospital personnel, funeral directors, physicians, coroners, and medical examiners, of the uses and importance of vital statistics data. The field program conducts seminars with various professional associations and makes site visits when problems with registration related to a particular event or institution are discovered.

The National Center for Health Statistics (NCHS) also provides an independent quality control check on Minnesota's coding of statistical data. NCHS has established a two percent upper limit for coding differences involving any one data item, with the exception of cause of death. A five percent limit is established for this item due to the complexity of the coding process.

## Marriages and Dissolutions & Annulments

The only data available for 2008 on marriages and dissolutions is counts by county and month. The burden of data completeness and accuracy resides with those collecting and reporting the data to the Minnesota Department of Health as the department no longer collects and compiles individual reports on these events.

### D. Geographic Allocation

Vital events can be classified geographically in two ways. The first is by place of occurrence, i.e. the state, county, and city in which the birth or death took place. The second and more customary way is by place of residence, i.e. the state, county, and city that is the usual residence of the decedent in the case of a death or of the mother in the case of a newborn. Fetal deaths and infant deaths in cases where the child was never discharged from the hospital are classified to the residence of the mother.

While occurrence statistics are accurate and have both administrative value and some statistical importance, resident statistics are the more useful tool when constructing health indices for planning and evaluation purposes. The statistics provided in this report are residence data unless otherwise stated.

Allocation of vital events by place of residence is sometimes difficult because classification depends entirely upon the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, the statement may be incomplete or incorrect. For example, the informant may not be aware that the mailing address differs from the actual geographic residence location.

### E. Rates

Absolute counts of health-related events do not readily lend themselves to analysis and comparison between years and between various geographic areas because of population differences and, in some cases, the small number of reported events. These demographic differences include total number, age and sex distributions, and ethnic and/or racial composition. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number such as a probability of living or dying, a rate, a ratio, or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a particular time. Refer to the Appendix for definitions of rates used in *2008 Minnesota Health Statistics*.

**ABORTION, INDUCED:**

An act, procedure, or use of any instrument, medicine, or drug which is supplied or prescribed for or administered to a pregnant woman which results in the termination of pregnancy.

**AGE/CAUSE-SPECIFIC DEATH RATE:**

Number of deaths due to a particular cause for a specified age group per 100,000 population comprising the same specified age group.

**AGE-SPECIFIC PREGNANCY RATE:**

Number of live births plus fetal deaths plus induced abortions to women in a specified age group per 1,000 females in the population comprising the same specified age group. Overall pregnancy rate is the number of pregnancies per 1,000 females age 15-44.

**CAUSE OF DEATH:**

Deaths by cause are classified according to the International Classification of Diseases of the World Health Organization. In this report, the underlying cause of death is used to classify the cause. The underlying cause of death is either the disease or injury which initiated the train of events leading directly to death or the accident or violence which produced the fatal injury.

**CRUDE BIRTH RATE:**

Number of births per 1,000 population

**CRUDE DEATH RATE:**

Number of deaths per 1,000 population

**FERTILITY RATE:**

Total number of live births per 1,000 females in the population of age 15 through 44 years.

**FETAL DEATH:**

Death prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of the pregnancy. The death is indicated by the fact that, after expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. In the summary, only fetal deaths of 20 weeks or more are reported.

**FETAL DEATH RATE:**

Number of fetal deaths per 1,000 live births plus fetal deaths.

**GESTATION:**

The period of intrauterine development of the fetus, expressed in completed weeks, calculated from the first day of the last menstrual period.

**INFANT DEATH:**

A death of a live-born infant under one year of age.

**INFANT DEATH RATE:**

Number of infant deaths per 1,000 live births.

**LIVE BIRTH:**

The complete expulsion or extraction from its mother of a product of conception irrespective of the duration of pregnancy which, after such separation, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles whether or not the umbilical cord has been cut or the placenta is attached. Each product of such a birth is considered a live born.

**LIVE BIRTH ORDER:**

The number of live births to a particular woman, including the current birth.

**NEONATAL DEATH:**

A death of a live-born infant under 28 days of age.

**NEONATAL DEATH RATE:**

Number of neonatal deaths per 1,000 live births.

**RESIDENCE:**

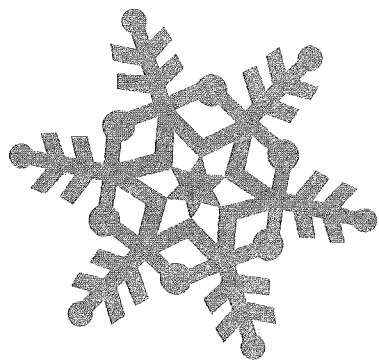
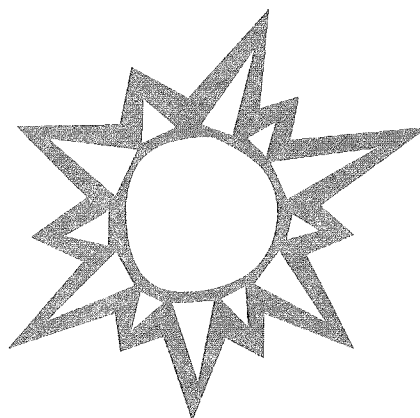
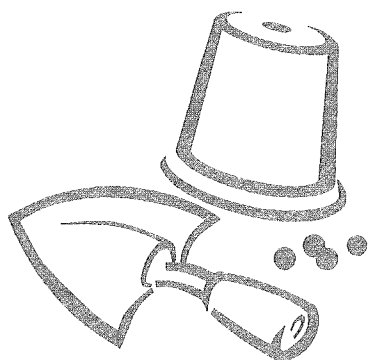
The geographic area of the usual place of abode of the deceased at the time of death or of the mother in the case of a live birth or fetal death. This means, in general, the place where one lives and sleeps most of the time. However, when the usual residence is in a nursing home or other institution where the patient resided for the purpose of receiving care, residence is coded to the place, if known, where the patient lived prior to admission to the institution.

**TRIMESTER:**

One third of the total gestational period necessary for a full-term pregnancy. Thirteen weeks are allotted to each trimester. The count of weeks begins with the first day of the last menstrual period.



# OVERVIEW OF 2008 VITAL STATISTICS



Overview of 2008 - Table 1

PERCENT CHANGES BETWEEN 2007 AND 2008, SELECTED MINNESOTA HEALTH STATISTICS

Category	Percent Change	2007	2008
Population	0.4	5,197,621	5,220,393
Live Births	-1.8	73,675	72,382
Birth Rate	-2.1	14.2	13.9
Out of Wedlock Percent	1.8	32.7%	33.3%
Fertility	-0.9	69.6	69.0
Population of Women 15-44	-1.0	1,058,541	1,048,477
White Births*	-2.5	55,327	53,970
Black Births*	2.5	6,660	6,828
American Indian Births*	2.6	1,516	1,555
Asian & Pacific Islander Births*	0.4	4,971	4,989
Latino/Hispanic Births*	-3.1	5,909	5,723
Prenatal Care - Third Trimester or None	4.5	2.2%	2.3%
Infants of Less Than 2,500 Grams	-5.9	6.8%	6.4%
Infants of Less Than 37 Weeks Gestation	-4.0	10.0%	9.6%
Deaths	3.6	37,086	38,431
Fetal Deaths	-3.1	387	375
Infant Deaths	6.4	407	433
Neonatal Deaths	-1.1	278	275
Death Rate	4.2	7.1	7.4
Infant Mortality Rate	9.1	5.5	6.0
Neonatal Mortality Rate	0.0	3.8	3.8
Violent Deaths	0.0	2,884	2,883
Homicide	8.5	118	128
Unintentional Injury	-3.0	2,063	2,002
Suicide	3.9	571	593
Injury Undetermined	48.5	68	101
Marriages	-4.0	30,097	28,892
Divorces**	-3.1	16,660	16,138

\*Race/Ethnicity of Mother – Race categories include persons of both Hispanic and non-Hispanic origin; Latino/Hispanic births include persons of any race.

\*\* Data provided by the Minnesota State Court Administrator's Office

Overview of 2008 – Table 2  
 Resident Live Births, Crude Birth Rates\*, Fertility Rates\*\*, Minnesota and United States  
 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990-2008

Year	Live Births		Crude Birth Rate*		Fertility Rate**	
	Minnesota	U.S.	Minnesota	U.S.	Minnesota	U.S.
1940	52,915	2,559,000	19.0	19.4	81.0	79.9
1945	54,656	2,858,000	20.9	20.4	85.1	85.9
1950	75,078	3,632,000	25.2	24.1	119.1	106.2
1955	81,532	4,097,000	25.7	25.0	130.1	118.3
1960	87,523	4,257,850	25.6	23.7	136.0	118.0
1965	70,810	3,760,358	19.7	19.4	105.9	96.3
1970	68,449	3,731,386	18.0	18.4	88.4	89.7
1975	56,463	3,144,198	14.4	14.6	65.4	66.0
1980	67,843	3,612,258	16.6	15.9	70.8	68.4
1985	67,412	3,760,561	16.1	15.8	68.0	66.2
1990	67,985	4,158,212	15.5	16.7	66.3	70.9
1991	67,037	4,110,907	15.2	16.3	64.7	69.6
1992	65,591	4,065,014	14.7	15.9	62.5	68.9
1993	64,646	4,000,240	14.3	15.5	61.0	67.6
1994	64,277	3,952,767	14.1	15.2	59.9	66.7
1995	63,259	3,899,589	13.7	14.7	60.1	65.6
1996	63,681	3,891,494	13.6	14.7	59.7	65.3
1997	64,491	3,880,894	13.8	14.5	61.4	65.0
1998	65,207	3,941,553	13.8	14.6	61.8	65.6
1999	65,953	3,959,417	13.8	14.5	62.5	65.9
2000	67,451	4,058,814	13.7	14.7	62.3	67.5
2001	66,617	4,025,933	13.4	14.5	60.9	66.9
2002	68,037	4,021,726	13.6	13.9	62.0	64.8
2003	70,053	4,089,950	13.9	14.1	64.1	66.1
2004	70,614	4,112,052	13.8	14.0	64.5	66.3
2005	70,920	4,140,419	13.8	14.0	64.9	66.7
2006	73,515	4,265,555	14.2	14.2	68.6	68.5
2007	73,675	4,317,119	14.2	14.3	69.6	69.5
2008	72,382	4,247,000	13.9	13.9	69.0	68.4

\* Live Births per 1,000 Population

\*\*Live Births per 1,000 Female Population Age 15-44

Overview of 2008 - Table 3  
 Numbers and Rates of Resident Live Births, Deaths, and Maternal Deaths  
 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990-2008

Year	Live Births				Deaths				Maternal Deaths			
	Minnesota		United States		Minnesota		United States		Minnesota		United States	
	Number	Rate*	Number	Rate*	Number	Rate#	Number	Rate#	Number	Rate^	Number	Rate^
1940	52,915	19.0	2,559,000	19.4	26,354	9.4	1,417,269	10.8	115	217.3	8,876	376.0
1945	54,656	20.9	2,858,000	20.4	26,763	10.2	1,401,719	10.6	75	137.2	5,668	207.2
1950	75,078	25.2	3,632,000	24.1	27,897	9.4	1,452,454	9.6	43	57.3	2,960	83.3
1955	81,532	25.7	4,097,000	25.0	28,574	9.0	1,528,717	9.3	27	33.1	1,901	47.0
1960	87,523	25.6	4,257,850	23.7	31,596	9.3	1,711,982	9.5	13	14.9	1,579	37.1
1965	70,810	19.7	3,760,358	19.4	32,477	9.0	1,828,136	9.4	12	16.8	1,189	31.6
1970	68,449	18.0	3,731,386	18.4	33,919	8.9	1,921,031	9.5	9	13.1	803	21.5
1975	56,463	14.4	3,144,198	14.6	32,686	8.3	1,892,879	8.8	3	5.3	403	12.8
1980	67,843	16.6	3,612,258	15.9	33,415	8.2	1,989,841	8.8	4	5.9	334	9.2
1985	67,412	16.1	3,760,561	15.8	34,793	8.3	2,086,440	8.7	3	4.5	295	7.8
1990	67,259	15.5	4,158,212	16.7	34,739	7.9	2,148,463	8.6	3	4.4	343	8.2
1991	67,037	15.2	4,110,907	16.3	35,241	8.0	2,169,518	8.6	5	7.5	323	7.9
1992	65,591	14.7	4,065,014	15.9	34,978	7.8	2,175,613	8.5	3	4.6	318	7.8
1993	64,646	14.3	4,000,240	15.5	36,407	8.1	2,268,553	8.8	3	4.6	302	7.5
1994	64,277	14.1	3,952,767	15.2	36,343	8.0	2,278,994	8.8	3	4.7	328	8.3
1995	63,259	13.7	3,899,589	14.8	37,427	8.1	2,312,132	8.8	0	0.0	277	7.1
1996	63,681	13.6	3,914,953	14.7	37,166	8.0	2,314,690	8.7	3	4.7	294	7.6
1997	64,491	13.8	3,880,894	14.5	36,878	7.9	2,314,245	8.6	4	6.2	327	8.4
1998	65,207	13.8	3,941,553	14.6	37,152	7.9	2,337,256	8.6	3	4.6	281	7.1
1999	65,953	13.8	3,868,417	14.5	38,473	8.1	2,391,399	8.8	3	4.5	391	9.6
2000	67,451	13.7	4,058,814	14.7	37,595	7.6	2,403,351	8.7	4	5.9	396	9.8
2001	66,617	13.4	4,025,933	14.5	37,505	7.5	2,416,425	8.5	2	3.0	399	9.9
2002	68,037	13.6	4,021,726	13.9	38,437	7.7	2,443,387	8.5	4	5.9	357	8.9
2003	70,053	13.9	4,089,950	14.1	37,603	7.4	2,448,288	8.4	3	4.3	495	12.1
2004	70,614	13.8	4,112,052	14.0	37,012	7.3	2,397,615	8.2	0	0.0	540	13.1
2005	70,920	13.8	4,140,419	14.0	37,498	7.3	2,447,903	8.0	5	7.1	623	15.1
2006	73,515	14.2	4,265,555	14.2	36,963	7.2	2,426,264	8.1	5	6.8	569	13.3
2007	73,675	14.2	4,317,119	14.3	37,086	7.1	2,423,995	8.0	6	8.1	N.A.	N.A.
2008	72,382	13.9	4,247,000	13.9	38,431	7.4	2,453,000	8.1	6	8.3	N.A.	N.A.

\*Live Births per 1,000 Population

#Deaths per 1,000 Population

^Maternal Deaths per 100,000 Live Births

Overview of 2008 - Table 4  
 Numbers and Rates of Resident Infant Deaths, Neonatal Deaths, and Fetal Deaths  
 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990-2008

Year	Infant Deaths				Neonatal Deaths				Fetal Deaths			
	Minnesota Number	Rate*	United States Number	Rate*	Minnesota Number	Rate#	United States Number	Rate#	Minnesota Number	Rate^	United States Number	Rate^
1940	1,772	33.3	110,984	47.0	1,246	23.4	67,866	28.8	1,144	21.5	73,802	31.3
1945	1,698	31.1	104,684	38.3	1,226	22.6	66,593	24.3	1,141	20.9	65,513	23.9
1950	1,876	25.0	103,825	29.2	1,430	19.0	72,855	20.5	1,208	16.1	68,262	19.2
1955	1,779	21.8	106,903	26.4	1,386	17.0	77,351	19.1	1,173	14.4	69,153	17.1
1960	1,881	21.5	110,873	26.0	1,397	16.0	79,733	18.7	1,058	12.1	68,480	16.1
1965	1,432	20.2	92,866	24.7	1,075	15.2	66,419	17.7	921	13.0	60,859	16.2
1970	1,203	17.6	74,667	20.0	944	13.8	56,279	15.1	705	10.3	52,961	14.2
1975	771	13.7	50,525	16.1	582	10.3	36,416	11.6	479	8.5	33,796	10.7
1980	679	10.0	45,526	12.6	421	6.2	30,618	8.5	449	6.6	33,353	9.2
1985	591	8.8	40,030	10.6	364	5.4	26,179	7.0	439	6.5	29,661	7.8
1990	796	7.3	38,100	9.2	295	4.3	24,309	5.8	449	6.6	31,386	7.5
1991	502	7.5	36,766	8.9	298	4.4	22,978	5.6	426	6.4	N.A.	N.A.
1992	464	7.1	34,628	8.5	294	4.5	21,849	5.4	407	6.2	N.A.	N.A.
1993	486	7.5	33,466	8.4	296	4.6	21,174	5.3	338	5.2	N.A.	N.A.
1994	451	7.0	31,710	8.0	295	4.6	20,250	5.1	365	5.7	N.A.	N.A.
1995	427	6.8	29,583	7.6	255	4.0	19,155	4.9	364	5.8	27,294	7.0
1996	377	5.9	28,487	7.3	232	3.6	18,572	4.8	352	5.5	27,069	6.9
1997	382	5.9	28,045	7.2	241	3.7	18,524	4.7	362	5.6	26,486	6.8
1998	386	5.9	28,371	7.2	265	4.1	18,918	4.8	389	6.0	26,702	6.7
1999	409	6.2	27,937	7.1	262	4.0	18,728	4.7	384	5.8	26,884	6.7
2000	377	5.6	28,035	6.9	252	3.7	18,776	4.6	388	5.7	27,003	6.6
2001	358	5.4	27,568	6.8	233	3.5	18,265	4.5	342	5.1	26,373	6.5
2002	362	5.3	28,034	7.0	240	3.5	18,747	4.7	345	5.0	25,943	6.4
2003	327	4.7	28,025	6.9	218	3.1	18,893	4.6	329	4.7	25,653	6.2
2004	332	4.7	27,936	6.8	229	3.2	18,593	4.5	350	4.9	25,655	6.2
2005	363	5.1	28,534	6.9	232	3.3	18,834	4.6	329	4.6	25,894	6.2
2006	381	5.2	28,527	6.7	243	3.3	18,989	4.5	351	4.8	N.A.	N.A.
2007	407	5.5	29,241	6.8	278	3.8	18,867	4.4	387	5.2	N.A.	N.A.
2008	433	6.0	27,600	6.5	275	3.8	N.A.	N.A.	375	5.2	N.A.	N.A.

\*Infant Deaths per 1,000 Live Births  
 # Neonatal Deaths per 1,000 Live Births

^Fetal Deaths per 1,000 Live Births plus Fetal Deaths

Overview of 2008 - Table 5  
 Numbers and Rates of Marriages and Divorces/Annulments  
 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990-2008

Year	Marriages				Divorces/Annulments			
	Minnesota Number	Rate*	United States Number	Rate*	Minnesota Number	Rate*	United States Number	Rate*
1940	27,419	9.8	4,595,879	12.1	2,957	1.1	264,000	2.0
1945	26,195	10.0	1,612,992	12.2	5,326	2.0	485,000	3.5
1950	30,991	10.4	1,667,231	11.1	4,049	1.4	385,000	2.6
1955	24,854	7.8	1,531,000	9.3	3,757	1.2	377,000	2.3
1960	23,596	6.9	1,523,000	8.5	4,175	1.2	393,000	2.2
1965	26,472	7.4	1,800,000	9.3	4,848	1.3	479,000	2.5
1970	31,280	8.2	2,158,802	10.6	8,221	2.2	708,000	3.5
1975	32,237	8.2	2,152,662	10.0	13,147	3.3	1,036,000	4.8
1980	37,625	9.2	2,390,252	10.6	15,092	3.7	1,189,000	5.2
1985	35,059	8.4	2,412,625	10.1	14,795	3.5	1,190,000	5.0
1990	33,688	7.7	2,443,489	9.8	15,595	3.6	1,182,000	4.7
1991	32,841	7.4	2,371,000	9.4	16,075	3.6	1,187,000	4.7
1992	32,237	7.2	2,362,000	9.3	16,575	3.7	1,215,000	4.8
1993	32,691	7.2	2,334,000	9.0	16,024	3.5	1,187,000	4.6
1994	32,919	7.2	2,362,000	9.1	15,746	3.4	1,191,000	4.6
1995	32,878	7.1	2,336,000	8.9	15,486	3.3	973,000	4.1
1996	33,046	7.0	2,344,000	8.8	15,254	3.2	1,150,000	4.3
1997	32,598	7.0	2,384,000	8.9	15,568	3.3	1,163,000	4.3
1998	32,218	6.8	2,244,000	8.3	15,165	3.2	1,135,000	4.2
1999	33,054	6.9	2,251,000	8.3	15,497	3.2	N.A.	4.1
2000	33,432	6.8	2,329,000	8.5	15,888	3.2	N.A.	4.1
2001	32,484	6.5	2,327,000	8.2	15,980	3.2	N.A.	4.0
2002	32,061	6.4	2,254,000	7.8	15,785	3.1	N.A.	4.0
2003	31,638	6.3	2,187,000	7.5	14,982	3.0	N.A.	3.8
2004	30,359	6.0	2,279,000	7.8	16,962	3.3	N.A.	3.7
2005	30,778	6.0	2,249,000	7.6	16,895	3.3	N.A.	3.6
2006	31,049	6.0	2,160,000	7.3	17,242	3.3	N.A.	3.6
2007	30,097	5.8	2,197,000	7.3	16,660	3.2	N.A.	3.6
2008	28,892	5.5	2,162,000	7.1	16,138	3.1	N.A.	3.5

\*All rates are per 1,000 Population

Overview of 2008 - Table 6  
 BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS, MARRIAGES,  
 DIVORCES AND ANNULMENTS BY MONTH  
 MINNESOTA OCCURRENCES, 2008

	BIRTHS	DEATHS	INFANT DEATHS	FETAL DEATHS	MARRIAGES	DISSOLUTIONS
TOTAL	72,201	38,604	451	391	28,892	16,138
JANUARY	5,974	3,471	31	28	1,378	1,266
FEBRUARY	5,722	3,331	35	28	1,238	1,325
MARCH	6,186	3,693	42	31	1,136	1,390
APRIL	6,098	3,137	38	28	1,798	1,475
MAY	6,362	3,155	29	39	2,361	1,403
JUNE	6,171	2,944	37	29	3,524	1,346
JULY	6,394	2,986	45	38	3,387	1,398
AUGUST	6,166	3,026	40	36	4,052	1,342
SEPTEMBER	6,053	2,852	34	41	3,708	1,357
OCTOBER	6,048	3,200	29	36	3,433	1,437
NOVEMBER	5,304	3,197	40	24	1,413	1,185
DECEMBER	5,723	3,612	51	33	1,464	1,214
UNKNOWN	0	0	0	0	0	0

Overview of 2008 - Table 7  
LIVE BIRTHS, DEATHS, FETAL DEATHS, INFANT DEATHS  
BY URBAN AREA\* OF RESIDENCE, MINNESOTA, 2008

URBAN AREA	LIVE BIRTHS	DEATHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS
AFTON	14	20	0	0	0
ALBERT LEA	254	255	0	0	0
ALEXANDRIA	187	194	1	1	0
ANDOVER	308	84	1	2	2
ANOKA	306	160	2	1	1
APPLE VALLEY	626	205	3	0	0
ARDEN HILLS	59	99	0	0	0
AUSTIN	460	275	4	2	1
BAXTER	85	58	1	1	0
BAYPORT	22	26	0	0	0
BELLE PLAINE	149	52	1	1	1
BEMIDJI	267	154	2	2	1
BENSON	50	53	0	0	0
BIG LAKE	245	32	2	2	2
BLAINE	863	217	3	5	4
BLOOMINGTON	930	694	2	4	4
BLUE EARTH	33	69	1	0	0
BRAINERD	269	193	5	2	1
BRECKENRIDGE	44	77	0	0	0
BROOKLYN CENTER	588	251	3	5	3
BROOKLYN PARK	1,404	352	5	14	9
BUFFALO	288	124	1	1	1
BURNSVILLE	1,024	283	3	3	1
BYRON	81	14	0	0	0
CALEDONIA	16	38	0	0	0
CAMBRIDGE	158	146	1	1	1
CANNON FALLS	58	62	0	0	0
CHAMPLIN	300	81	1	2	2
CHANHASSEN	201	82	2	2	2
CHASKA	385	85	2	1	1
CHISHOLM	49	64	0	0	0
CIRCLE PINES	98	28	2	2	2
CLOQUET	193	133	1	2	1
COLD SPRING	60	58	0	0	0
COLUMBIA HEIGHTS	332	200	0	3	3
COON RAPIDS	840	371	4	2	0
CORCORAN	40	15	0	3	3
COTTAGE GROVE	449	122	6	4	3
CROOKSTON	110	111	1	0	0
CRYSTAL	367	211	3	2	2
DAYTON	32	12	0	0	0
DEEPHAVEN	23	14	0	0	0
DELANO	103	24	0	0	0
DETROIT LAKES	156	159	1	1	0
DILWORTH	68	20	0	0	0



Overview of 2008 - Table 7  
LIVE BIRTHS, DEATHS, FETAL DEATHS, INFANT DEATHS  
BY URBAN AREA\* OF RESIDENCE, MINNESOTA, 2008

URBAN AREA	LIVE BIRTHS	DEATHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS
DULUTH	1,059	871	3	4	2
EAGAN	809	229	3	4	3
EAST BETHEL	91	36	0	2	2
EAST GRAND FORKS	139	69	0	1	1
EDEN PRAIRIE	749	259	1	6	4
EDINA	413	498	4	0	0
ELK RIVER	355	115	2	1	1
ELY	30	45	0	0	0
EVELETH	57	58	0	0	0
FAIRMONT	112	142	0	0	0
FALCON HEIGHTS	39	19	0	0	0
FARIBAULT	364	221	2	1	0
FARMINGTON	539	77	3	4	2
FERGUS FALLS	195	223	0	1	0
FOREST LAKE	256	143	1	0	0
FRIDLEY	412	175	5	3	2
GLENCOE	85	52	1	0	0
GLENWOOD	34	66	0	0	0
GOLDEN VALLEY	210	180	1	0	0
GOODVIEW	2	9	0	0	0
GRAND RAPIDS	135	159	1	1	0
GRANITE FALLS	29	35	0	1	0
HAM LAKE	153	48	0	1	0
HASTINGS	337	169	1	1	1
HERMANTOWN	65	76	1	0	0
HIBBING	217	228	2	1	0
HOPKINS	311	196	1	2	1
HUGO	209	42	2	2	1
HUTCHINSON	196	111	1	1	1
INDEPENDENCE	12	5	1	0	0
INTERNATIONAL FALLS	80	114	1	1	0
INVER GROVE HEIGHTS	455	192	2	4	3
JACKSON	31	39	0	0	0
JORDAN	120	26	2	0	0
KASSON	100	37	0	3	1
LA CRESCENT	18	43	0	0	0
LAKE CITY	63	58	1	0	0
LAKE ELMO	74	25	1	0	0
LAKEVILLE	545	111	3	3	2
LAUDERDALE	33	3	0	0	0
LE SUEUR	56	45	0	0	0
LINDSTROM	60	30	0	0	0
LINO LAKES	188	41	0	2	2
LITCHFIELD	92	92	1	2	1
LITTLE CANADA	122	73	1	1	1

Overview of 2008 - Table 7  
LIVE BIRTHS, DEATHS, FETAL DEATHS, INFANT DEATHS  
BY URBAN AREA\* OF RESIDENCE, MINNESOTA, 2008

URBAN AREA	LIVE BIRTHS	DEATHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS
LITTLE FALLS	131	124	1	4	4
LONG PRAIRIE	62	49	0	1	0
LUVERNE	58	86	0	1	1
MAHTOMEDI	74	48	0	0	0
MANKATO	516	293	2	1	0
MAPLE GROVE	830	188	7	1	1
MAPLEWOOD	466	335	6	4	2
MARSHALL	188	96	2	1	1
MEDINA	22	10	0	0	0
MELROSE	62	43	0	0	0
MENDOTA HEIGHTS	90	56	0	0	0
MINNEAPOLIS	6,354	2,527	47	58	35
MINNETONKA	447	327	3	3	3
MINNETRISTA	67	20	1	1	1
MONTEVIDEO	86	76	0	0	0
MONTICELLO	264	84	1	1	0
MOORHEAD	507	263	0	7	6
MORA	54	77	0	0	0
MORRIS	58	65	2	0	0
MOUND	120	52	0	1	1
MOUNDS VIEW	173	68	0	0	0
MOUNTAIN IRON	26	26	0	0	0
NEW BRIGHTON	268	194	1	3	2
NEW HOPE	306	291	2	1	1
NEWPORT	51	24	0	0	0
NEW PRAGUE	129	60	0	1	0
NEW ULM	171	159	0	3	1
NORTHFIELD	203	113	0	1	0
NORTH BRANCH	122	77	0	0	0
NORTH MANKATO	198	79	0	2	2
NORTH OAKS	20	52	1	0	0
NORTH ST PAUL	140	60	0	1	1
OAKDALE	333	134	0	1	0
OAK GROVE	53	21	0	0	0
OAK PARK HEIGHTS	19	70	0	1	1
OLIVIA	32	43	0	0	0
ORONO	34	16	0	0	0
OSSEO	45	45	0	0	0
OTSEGO	228	21	1	0	0
OWATONNA	431	214	3	1	0
PARK RAPIDS	59	81	0	0	0
PINE CITY	60	53	0	0	0
PIPESTONE	59	71	0	0	0
PLAINVIEW	55	34	0	0	0
PLYMOUTH	825	331	4	4	1

Overview of 2008 - Table 7  
 LIVE BIRTHS, DEATHS, FETAL DEATHS, INFANT DEATHS  
 BY URBAN AREA\* OF RESIDENCE, MINNESOTA, 2008

URBAN AREA	LIVE BIRTHS	DEATHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS
PRINCETON	97	87	1	1	1
PRIOR LAKE	324	120	0	1	1
PROCTOR	45	35	0	1	1
RAMSEY	298	60	2	2	1
RED WING	191	187	2	1	1
REDWOOD FALLS	60	75	1	0	0
RICHFIELD	665	292	3	3	3
ROBBINSDALE	235	136	0	3	1
ROCHESTER	1,884	714	10	13	7
ROCKFORD	81	17	0	1	0
ROSEAU	31	34	1	0	0
ROSEMOUNT	374	72	1	2	2
ROSEVILLE	372	397	1	4	3
SAINT ANTHONY	75	91	1	1	1
SAINT CHARLES	55	29	0	0	0
SAINT CLOUD	920	412	4	2	2
SAINT FRANCIS	123	26	0	0	0
SAINT JAMES	69	54	0	0	0
SAINT JOSEPH	67	25	2	2	1
SAINT LOUIS PARK	673	455	4	3	2
SAINT MICHAEL	288	33	1	2	2
SAINT PAUL	5,297	1,997	38	41	25
SAINT PAUL PARK	68	41	0	1	1
SAINT PETER	121	89	0	0	0
SARTELL	245	87	1	0	0
SAUK CENTRE	71	60	0	0	0
SAUK RAPIDS	232	118	2	1	0
SAVAGE	405	64	1	2	1
SHAKOPEE	778	160	3	6	4
SHOREVIEW	243	128	0	0	0
SHOREWOOD	38	21	0	0	0
SLEEPY EYE	51	57	0	0	0
SOUTH ST PAUL	342	173	3	2	2
SPRING LAKE PARK	84	49	0	0	0
STAPLES	44	47	0	0	0
STEWARTVILLE	93	54	0	1	1
STILLWATER	261	213	1	3	0
THIEF RIVER FALLS	124	108	0	0	0
TWO HARBORS	63	62	1	1	1
VADNAIS HEIGHTS	125	50	0	0	0
VICTORIA	72	26	1	0	0
VIRGINIA	105	173	1	1	1
WACONIA	169	91	0	0	0
WADENA	55	73	1	0	0
WAITE PARK	92	76	0	1	0

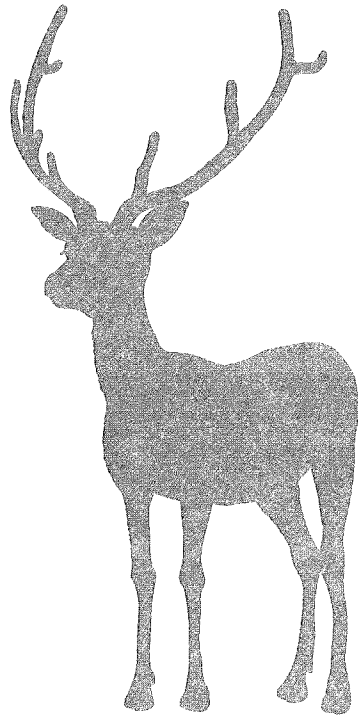
Overview of 2008 - Table 7  
 LIVE BIRTHS, DEATHS, FETAL DEATHS, INFANT DEATHS  
 BY URBAN AREA\* OF RESIDENCE, MINNESOTA, 2008

URBAN AREA	LIVE BIRTHS	DEATHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS
WASECA	124	94	1	2	2
WATERTOWN	68	46	0	0	0
WAYZATA	70	92	3	0	0
WEST ST PAUL	297	203	0	1	1
WHITE BEAR LAKE	380	236	1	0	0
WILLMAR	346	233	1	1	1
WINDOM	60	76	0	0	0
WINONA	238	269	2	2	2
WOODBURY	884	226	3	2	2
WORTHINGTON	253	93	0	0	0
WYOMING	72	23	1	1	1

\*Municipalities with a population of 2,500 or more as of the 2000 Census

# LIVE BIRTHS

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## Live Births

Every day in 2008, residents of Minnesota  
experienced an average of:

### 198 Births

78 First Births

13 Births Weighing  
<2500 Grams

29 Births to Women  
Age 35 and Older

14 Births to Women  
Age 19 and Under

4 Births in which Prenatal  
Care was Initiated Late or  
Not at All

Live Births - Table 1  
LIVE BIRTHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE:  
RESIDENT LIVE BIRTHS DISTRIBUTED ACCORDING TO PLACE OF BIRTH  
MINNESOTA, 2008

County	Births Occurring in County				Resident Births		Total
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County		
					Within Minnesota	Outside Minnesota	
State Total	72,201	46,547	23,569	2,085	23,569	2,266	72,382
Aitkin	81	66	15	0	78	0	144
Anoka	4,249	2,611	1,627	11	1,760	7	4,378
Becker	576	361	212	3	47	69	477
Beltrami	1,098	730	367	1	30	8	768
Benton	5	5	0	0	618	0	623
Big Stone	56	35	8	13	15	4	54
Blue Earth	1,599	748	849	2	49	5	802
Brown	395	260	134	1	60	2	322
Carlton	271	155	115	1	263	1	419
Carver	1,189	565	619	5	626	3	1,194
Cass	6	6	0	0	364	3	373
Chippewa	91	69	22	0	81	2	152
Chisago	888	379	491	18	217	35	631
Clay	7	7	0	0	18	755	780
Clearwater	6	6	0	0	108	7	121
Cook	7	7	0	0	40	1	48
Cottonwood	129	89	40	0	34	6	129
Crow Wing	862	620	240	2	143	1	764
Dakota	3,769	2,564	1,164	41	2,988	18	5,570
Dodge	0	0	0	0	292	1	293
Douglas	649	394	253	2	31	2	427
Faribault	60	47	7	6	99	1	147
Fillmore	29	29	0	0	204	44	277
Freeborn	497	324	91	82	65	2	391
Goodhue	462	290	93	79	281	6	577
Grant	0	0	0	0	62	2	64
Hennepin	20,245	14,658	5,471	116	1,863	45	16,566
Minneapolis	9,827	4,173	5,555	99	2,165	16	6,354
Houston	1	1	0	0	9	198	208
Hubbard	152	106	46	0	135	8	249
Isanti	553	287	264	2	242	0	529
Itasca	422	378	44	0	89	2	469
Jackson	1	1	0	0	79	19	99
Kanabec	164	77	87	0	102	0	179
Kandiyohi	862	551	311	0	40	3	594
Kittson	0	0	0	0	20	18	38
Koochiching	73	73	0	0	50	3	126
Lac Qui Parle	23	20	3	0	39	10	69
Lake	1	1	0	0	123	2	126
Lake of the Woods	13	11	2	0	19	0	30
Le Sueur	2	2	0	0	325	0	327
Lincoln	0	0	0	0	31	33	64
Lyon	478	312	165	1	19	45	376
McLeod	534	314	219	1	159	0	473
Mahnomen	1	1	0	0	93	13	107

Live Births - Table 1  
LIVE BIRTHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE:  
RESIDENT LIVE BIRTHS DISTRIBUTED ACCORDING TO PLACE OF BIRTH  
MINNESOTA, 2008

County	Births Occurring in County				Resident Births		Total
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County		
					Within Minnesota	Outside Minnesota	
Marshall	0	0	0	0	44	61	105
Martin	283	177	54	52	26	3	206
Meeker	148	119	29	0	178	0	297
Mille Lacs	83	60	23	0	312	1	373
Morrison	240	201	39	0	271	0	472
Mower	532	473	46	13	157	3	633
Murray	0	0	0	0	73	10	83
Nicollet	2	2	0	0	414	0	416
Nobles	413	291	100	22	32	39	362
Norman	0	0	0	0	14	79	93
Olmsted	3,403	2,258	1,047	98	24	7	2,289
Otter Tail	454	377	70	7	195	47	619
Pennington	276	146	127	3	5	19	170
Pine	2	2	0	0	333	7	342
Pipestone	76	59	14	3	23	43	125
Polk	234	163	66	5	18	237	418
Pope	46	37	9	0	86	1	124
Ramsey	10,474	5,954	4,270	250	1,806	18	7,778
St. Paul	7,544	3,391	3,950	203	1,899	7	5,297
Red Lake	0	0	0	0	47	11	58
Redwood	98	69	27	2	122	6	197
Renville	32	29	3	0	166	0	195
Rice	427	341	85	1	450	3	794
Rock	137	77	44	16	4	47	128
Roseau	163	143	13	7	40	13	196
St. Louis	3,310	2,129	569	612	34	2	2,165
Duluth	2,633	1,036	985	612	22	1	1,059
Scott	1,443	930	508	5	1,125	7	2,062
Sherburne	502	214	287	1	1,070	2	1,286
Sibley	1	1	0	0	190	1	192
Stearns	3,169	1,835	1,332	2	125	1	1,961
Steele	590	462	128	0	104	2	568
Stevens	92	69	23	0	40	3	112
Swift	4	4	0	0	119	2	125
Todd	478	182	295	1	133	0	315
Traverse	10	3	1	6	17	13	33
Wabasha	105	63	13	29	200	2	265
Wadena	163	79	84	0	109	2	190
Waseca	3	3	0	0	206	1	210
Washington	2,358	1,087	872	399	1,775	29	2,891
Watsonwan	30	20	10	0	124	0	144
Wilkin	166	42	9	115	6	21	69
Winona	403	319	42	42	103	122	544
Wright	1,244	905	337	2	1,186	4	2,095
Yellow Medicine	101	62	34	5	52	11	125
Unknown	0	0	0	0	1	2	3



Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth
Live Births	72,382	144	4,378	477	768	623	54	802
Fertility Rate	69.0	59.8	64.7	82.8	80.3	68.0	69.0	55.7
Crude Birth Rate	13.9	9.2	13.4	14.9	17.5	15.6	10.1	13.3
Sex: Male	37,033	76	2,287	227	413	332	28	410
Female	35,348	68	2,091	250	355	291	26	392
Births to Unmarried Mothers, %	33.3	43.8	30.3	37.7	58.2	33.1	16.7	32.0
Race of Mother:								
White	53,970	133	3,452	395	430	583	54	719
African American	6,828	1	367	3	10	18	0	45
American Indian	1,555	7	37	71	316	5	0	5
Asian/Pacific Islander	4,989	0	310	3	5	10	0	19
Other/Unknown	5,040	3	212	5	7	7	0	14
*Hispanic	5,723	4	237	5	11	20	0	18
Live Birth Order, %								
1st Birth	39.5	36.8	40.5	38.0	37.1	38.0	20.4	43.4
5th or Over	4.9	4.2	3.6	8.6	6.1	3.9	7.4	3.7
Prematurity, %								
Less than 37 weeks	9.6	9.0	8.7	9.3	10.7	10.8	7.6	7.7
Less than 2500 grams	6.4	6.3	6.0	6.1	5.5	5.0	0.0	4.8
Plurality:								
Single	69,817	140	4,216	460	751	613	54	777
Twin	2,466	4	154	10	16	10	0	24
Triplet	80	0	8	3	1	0	0	0
Mother's Age, %								
Under 18	2.0	0.7	1.6	1.5	5.2	0.8	0.0	1.5
18-19	4.8	4.2	4.1	5.0	10.3	4.7	1.9	4.9
40 and over	2.6	1.4	2.2	1.9	0.8	2.1	3.7	1.8
Mother's Education, %								
Less than 12 years	11.0	6.9	7.9	11.4	17.6	6.8	12.0	7.2
Over 3 years college	37.9	25.0	38.4	22.5	23.4	31.7	34.0	41.6
Prenatal Care Began, %								
3rd Trimester or none	2.3	1.4	2.0	1.3	5.4	1.1	3.8	0.9
Congenital Anomalies, %	1.6	0.7	0.9	1.1	1.3	1.3	0.0	0.9
Abnormal Conditions of Child, %	5.0	6.3	2.4	8.0	4.2	7.7	1.9	1.6

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Brown	Carlton	Carver	Cass	Chippewa	Chisago	Clay
Live Births	72,382	322	419	1,194	373	152	631	780
Fertility Rate	69.0	71.5	66.0	61.9	72.0	75.1	60.5	59.4
Crude Birth Rate	13.9	12.5	12.4	13.3	13.0	12.2	12.6	14.0
Sex: Male	37,033	181	222	609	190	76	314	419
Female	35,348	141	197	585	183	76	317	361
Births to Unmarried Mothers, %	33.3	28.6	38.4	15.8	54.4	37.5	31.5	26.8
Race of Mother:								
White	53,970	304	378	1,040	249	136	599	673
African American	6,828	2	0	25	2	1	6	24
American Indian	1,555	0	36	5	114	2	6	44
Asian/Pacific Islander	4,989	3	2	52	1	2	9	3
Other/Unknown	5,040	13	3	72	7	11	11	36
*Hispanic	5,723	19	8	77	5	15	5	37
Live Birth Order, %								
1st Birth	39.5	32.9	42.0	34.3	36.5	39.5	40.1	37.8
5th or Over	4.9	4.4	3.3	4.2	7.5	5.9	3.2	5.4
Prematurity, %								
Less than 37 weeks	9.6	12.3	10.7	6.9	10.8	8.3	8.9	10.9
Less than 2500 grams	6.4	5.3	4.1	3.7	7.2	5.3	6.0	6.8
Plurality:								
Single	69,817	304	415	1,161	361	150	604	759
Twin	2,466	18	4	33	12	2	27	18
Triplet	80	0	0	0	0	0	0	3
Mother's Age, %								
Under 18	2.0	0.9	3.1	0.6	3.2	1.3	1.7	1.9
18-19	4.8	4.7	5.3	1.8	10.2	7.9	4.9	4.5
40 and over	2.6	2.2	1.4	4.2	1.6	0.7	2.4	1.3
Mother's Education, %								
Less than 12 years	11.0	6.9	8.1	4.6	17.7	7.6	5.2	11.2
Over 3 years college	37.9	32.6	30.4	56.3	16.9	25.5	32.7	38.3
Prenatal Care Began, %								
3rd Trimester or none	2.3	0.3	1.2	0.9	5.7	1.4	1.9	2.2
Congenital Anomalies, %	1.6	0.3	1.0	1.3	1.6	1.3	0.8	1.0
Abnormal Conditions of Child, %	5.0	7.1	1.2	1.9	3.0	8.6	3.0	15.5

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Clear- water	Cook	Cotton- wood	Crow Wing	Dakota	Dodge	Douglas
Live Births	72,382	121	48	129	764	5,570	293	427
Fertility Rate	69.0	86.1	53.0	69.4	64.2	67.6	74.3	63.1
Crude Birth Rate	13.9	14.7	8.8	11.4	12.3	14.2	14.8	11.8
Sex: Male	37,033	66	24	64	415	2,795	153	219
Female	35,348	55	24	65	349	2,775	140	208
Births to Unmarried Mothers, %	33.3	40.5	31.3	38.0	36.1	27.5	29.0	26.9
Race of Mother:								
White	53,970	99	42	107	735	4,166	267	421
African American	6,828	0	0	3	2	486	3	4
American Indian	1,555	22	4	0	15	33	0	1
Asian/Pacific Islander	4,989	0	2	3	3	422	3	1
Other/Unknown	5,040	0	0	16	9	463	20	0
*Hispanic	5,723	0	0	18	13	472	27	0
Live Birth Order, %								
1st Birth	39.5	28.1	50.0	31.0	37.4	40.4	35.5	40.8
5th or Over	4.9	8.3	6.3	6.2	3.5	3.6	5.8	2.6
Prematurity, %								
Less than 37 weeks	9.6	13.2	15.2	9.6	8.2	9.5	10.9	7.6
Less than 2500 grams	6.4	6.6	4.2	7.0	6.5	6.5	5.5	5.4
Plurality:								
Single	69,817	113	48	123	746	5,335	287	419
Twin	2,466	8	0	6	18	224	6	8
Triplet	80	0	0	0	0	11	0	0
Mother's Age, %								
Under 18	2.0	3.3	0.0	3.9	2.5	1.4	1.4	0.9
18-19	4.8	5.8	4.2	8.5	6.0	3.6	6.1	4.5
40 and over	2.6	2.5	6.3	2.3	1.6	2.6	2.1	2.3
Mother's Education, %								
Less than 12 years	11.0	15.8	2.1	16.9	9.2	7.5	10.3	5.6
Over 3 years college	37.9	19.2	41.7	19.4	29.8	45.7	24.1	29.0
Prenatal Care Began, %								
3rd Trimester or none	2.3	3.3	2.2	1.6	1.1	1.8	0.7	0.7
Congenital Anomalies, %	1.6	0.8	4.2	0.8	1.6	2.4	0.7	0.7
Abnormal Conditions of Child, %	5.0	5.8	6.3	5.4	5.0	5.5	3.8	3.5

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Faribault	Fillmore	Freeborn	Goodhue	Grant	Hennepin	Minn- neapolis
Live Births	72,382	147	277	391	577	64	16,566	6,354
Fertility Rate	69.0	66.4	76.6	74.4	67.9	65.2	72.0	63.8
Crude Birth Rate	13.9	10.1	13.3	12.6	12.6	10.7	14.5	16.6
Sex: Male	37,033	76	149	190	301	25	8,408	3,257
Female	35,348	71	128	201	276	39	8,158	3,097
Births to Unmarried Mothers, %	33.3	39.5	26.7	43.7	32.4	21.9	35.8	46.9
Race of Mother:								
White	53,970	128	276	319	536	64	9,212	2,782
African American	6,828	0	1	5	6	0	3,481	1,822
American Indian	1,555	0	0	0	7	0	278	218
Asian/Pacific Islander	4,989	1	0	5	4	0	1,616	451
Other/Unknown	5,040	18	0	62	24	0	1,979	1,081
*Hispanic	5,723	19	0	74	28	0	1,989	1,095
Live Birth Order, %								
1st Birth	39.5	39.5	35.0	37.3	35.5	42.2	42.7	43.7
5th or Over	4.9	7.5	8.3	2.3	3.3	1.6	5.1	7.4
Prematurity, %								
Less than 37 weeks	9.6	7.5	9.5	8.1	7.9	4.8	9.7	10.2
Less than 2500 grams	6.4	6.1	5.4	6.7	5.0	4.7	7.4	7.6
Plurality:								
Single	69,817	141	273	375	553	62	15,916	6,162
Twin	2,466	6	4	14	24	2	639	185
Triplet	80	0	0	2	0	0	9	7
Mother's Age, %								
Under 18	2.0	2.0	1.1	2.6	1.6	0.0	2.2	3.4
18-19	4.8	7.5	4.7	9.5	6.4	7.8	4.3	5.7
40 and over	2.6	2.0	3.3	1.5	1.9	1.6	3.8	3.8
Mother's Education, %								
Less than 12 years	11.0	13.6	16.0	14.7	9.0	6.3	14.3	23.8
Over 3 years college	37.9	23.8	25.5	22.7	35.1	39.1	43.4	35.3
Prenatal Care Began, %								
3rd Trimester or none	2.3	1.4	6.0	2.1	1.4	0.0	2.6	3.6
Congenital Anomalies, %	1.6	0.0	0.4	0.0	1.2	1.6	1.1	1.5
Abnormal Conditions of Child, %	5.0	4.8	4.3	2.8	4.2	0.0	3.3	4.8

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Houston	Hubbard	Isanti	Itasca	Jackson	Kanabec	Kandiyohi
Live Births	72,382	208	249	529	469	99	179	594
Fertility Rate	69.0	59.4	76.9	62.2	60.6	56.5	56.1	80.4
Crude Birth Rate	13.9	10.8	13.2	13.5	10.5	9.2	11.1	14.6
Sex: Male	37,033	113	132	266	255	48	79	316
Female	35,348	95	117	263	214	51	100	278
Births to Unmarried Mothers, %	33.3	28.4	30.9	30.4	43.7	38.4	38.6	38.6
Race of Mother:								
White	53,970	203	240	508	430	94	178	553
African American	6,828	2	1	7	1	1	1	25
American Indian	1,555	3	5	1	34	0	0	2
Asian/Pacific Islander	4,989	0	0	7	3	3	0	4
Other/Unknown	5,040	0	3	6	1	1	0	10
*Hispanic	5,723	1	2	10	3	1	4	127
Live Birth Order, %								
1st Birth	39.5	32.2	29.7	34.6	36.5	37.4	34.1	35.5
5th or Over	4.9	4.3	3.6	4.0	4.5	5.1	2.8	5.7
Prematurity, %								
Less than 37 weeks	9.6	3.8	6.5	10.8	12.1	11.2	8.9	7.8
Less than 2500 grams	6.4	4.8	3.6	7.9	6.4	8.1	3.9	6.1
Plurality:								
Single	69,817	198	241	500	445	97	173	568
Twin	2,466	10	8	29	20	2	6	26
Triplet	80	0	0	0	3	0	0	0
Mother's Age, %								
Under 18	2.0	1.0	2.0	1.1	3.0	1.0	3.9	2.5
18-19	4.8	5.3	5.2	4.7	7.0	7.1	6.7	10.1
40 and over	2.6	1.4	2.0	1.3	0.6	1.0	2.8	1.4
Mother's Education, %								
Less than 12 years	11.0	2.9	10.9	5.9	11.3	6.7	13.5	19.8
Over 3 years college	37.9	34.8	27.5	21.8	22.5	30.3	20.8	26.4
Prenatal Care Began, %								
3rd Trimester or none	2.3	2.0	2.4	0.6	1.7	3.1	0.6	1.4
Congenital Anomalies, %	1.6	3.4	2.4	1.1	2.4	4.0	2.2	1.2
Abnormal Conditions of Child, %	5.0	13.5	5.2	3.0	5.8	12.1	4.5	7.1

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Kittson	Kooch- iching	Lac Qui Parle	Lake	Lake of the Woods	Le Sueur	Lincoln
Live Births	72,382	38	126	69	126	30	327	64
Fertility Rate	69.0	65.5	58.2	68.5	68.3	47.3	60.4	72.5
Crude Birth Rate	13.9	8.5	9.5	9.6	11.9	7.5	11.7	11.0
Sex: Male	37,033	18	62	34	60	15	174	38
Female	35,348	20	64	35	66	15	153	26
Births to Unmarried Mothers, %	33.3	21.1	42.1	39.1	30.2	26.7	33.6	21.9
Race of Mother:								
White	53,970	35	121	67	124	29	290	62
African American	6,828	0	0	0	0	0	0	1
American Indian	1,555	1	4	0	0	1	0	1
Asian/Pacific Islander	4,989	1	0	0	1	0	5	0
Other/Unknown	5,040	1	1	2	1	0	32	0
*Hispanic	5,723	1	0	3	0	0	38	0
Live Birth Order, %								
1st Birth	39.5	23.7	35.7	33.3	40.5	33.3	36.4	37.5
5th or Over	4.9	2.6	7.9	5.8	4.8	10.0	4.6	3.1
Prematurity, %								
Less than 37 weeks	9.6	8.6	12.2	8.8	17.7	10.7	8.1	16.1
Less than 2500 grams	6.4	0.0	9.5	7.3	15.1	6.7	4.6	3.1
Plurality:								
Single	69,817	38	122	69	119	26	319	64
Twin	2,466	0	4	0	4	4	8	0
Triplet	80	0	0	0	3	0	0	0
Mother's Age, %								
Under 18	2.0	0.0	3.2	1.5	1.6	0.0	1.2	0.0
18-19	4.8	7.9	7.1	4.4	7.1	3.3	4.6	1.6
40 and over	2.6	0.0	2.4	1.5	0.0	0.0	0.6	1.6
Mother's Education, %								
Less than 12 years	11.0	5.3	4.8	8.6	6.4	6.7	10.1	0.0
Over 3 years college	37.9	29.0	25.8	41.4	27.2	16.7	35.0	41.9
Prenatal Care Began, %								
3rd Trimester or none	2.3	0.0	4.8	3.0	2.4	0.0	0.9	3.3
Congenital Anomalies, %								
	1.6	0.0	1.6	0.0	0.8	3.3	2.1	1.6
Abnormal Conditions of Child, %								
	5.0	5.3	1.6	7.3	4.0	6.7	4.3	12.5

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Lyon	McLeod	Mahnomen	Marshall	Martin	Meeker	Mille Lacs
Live Births	72,382	376	473	107	105	206	297	373
Fertility Rate	69.0	74.2	66.4	128.0	72.5	66.2	72.7	71.7
Crude Birth Rate	13.9	15.1	12.7	20.9	11.1	10.1	12.8	14.1
Sex: Male	37,033	188	259	52	50	112	156	201
Female	35,348	188	214	55	55	94	141	172
Births to Unmarried Mothers, %	33.3	36.7	30.7	73.8	28.6	46.1	21.9	40.0
Race of Mother:								
White	53,970	311	430	37	95	198	290	323
African American	6,828	11	2	0	1	1	0	1
American Indian	1,555	1	1	69	1	0	2	42
Asian/Pacific Islander	4,989	8	4	0	0	2	1	5
Other/Unknown	5,040	45	36	1	8	5	4	2
*Hispanic	5,723	49	49	2	12	13	14	5
Live Birth Order, %								
1st Birth	39.5	37.2	33.2	34.6	44.8	34.0	33.7	33.2
5th or Over	4.9	6.1	5.3	8.4	4.8	4.9	7.7	4.8
Prematurity, %								
Less than 37 weeks	9.6	10.9	10.1	17.4	10.1	9.3	10.4	11.5
Less than 2500 grams	6.4	4.8	6.8	7.5	3.8	5.3	6.1	3.8
Plurality:								
Single	69,817	368	461	99	104	198	288	369
Twin	2,466	8	12	8	1	8	9	4
Triplet	80	0	0	0	0	0	0	0
Mother's Age, %								
Under 18	2.0	2.9	1.9	8.4	1.0	2.9	0.7	1.1
18-19	4.8	4.3	5.9	15.9	7.6	9.7	4.7	7.8
40 and over	2.6	2.1	3.0	0.9	2.9	1.5	2.4	1.6
Mother's Education, %								
Less than 12 years	11.0	13.0	9.8	25.0	5.7	16.3	4.7	13.2
Over 3 years college	37.9	37.6	25.1	11.5	19.1	19.8	27.6	19.1
Prenatal Care Began, %								
3rd Trimester or none	2.3	1.7	2.1	6.0	3.9	1.5	1.4	4.1
Congenital Anomalies, %	1.6	0.5	1.5	3.7	2.9	0.5	2.0	1.1
Abnormal Conditions of Child, %	5.0	6.9	3.8	8.4	5.7	3.4	7.1	5.1

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Morrison	Mower	Murray	Nicollet	Nobles	Norman	Olmsted
Live Births	72,382	472	633	83	416	362	93	2,289
Fertility Rate	69.0	76.5	96.9	63.6	59.7	108.5	92.4	80.6
Crude Birth Rate	13.9	14.4	16.7	9.9	13.0	17.8	14.1	16.2
Sex: Male	37,033	248	302	43	220	176	50	1,195
Female	35,348	224	331	40	196	186	43	1,094
Births to Unmarried Mothers, %	33.3	29.7	45.7	36.1	27.9	51.4	32.3	27.7
Race of Mother:								
White	53,970	463	436	77	380	167	82	1,835
African American	6,828	2	20	0	8	17	0	197
American Indian	1,555	0	1	0	1	2	7	4
Asian/Pacific Islander	4,989	3	25	1	5	20	0	181
Other/Unknown	5,040	4	151	5	22	156	4	72
*Hispanic	5,723	9	165	5	23	172	5	130
Live Birth Order, %								
1st Birth	39.5	33.9	34.9	39.8	38.9	35.9	36.6	39.1
5th or Over	4.9	5.5	4.7	2.4	4.3	8.0	3.2	4.9
Prematurity, %								
Less than 37 weeks	9.6	12.2	9.4	12.5	9.5	13.1	18.3	8.7
Less than 2500 grams	6.4	7.4	6.5	3.6	6.5	5.5	11.8	6.6
Plurality:								
Single	69,817	447	613	83	406	354	87	2,203
Twin	2,466	22	20	0	10	8	6	85
Triplet	80	3	0	0	0	0	0	0
Mother's Age, %								
Under 18	2.0	1.9	3.3	3.6	2.2	5.8	2.2	1.5
18-19	4.8	6.1	8.4	4.8	3.6	8.0	4.3	3.8
40 and over	2.6	0.9	1.4	2.4	0.7	1.7	1.1	1.9
Mother's Education, %								
Less than 12 years	11.0	7.8	26.3	9.6	6.5	50.5	13.0	10.1
Over 3 years college	37.9	24.6	20.8	27.4	43.3	7.0	20.7	45.4
Prenatal Care Began, %								
3rd Trimester or none	2.3	1.3	5.1	3.6	1.0	6.3	2.3	0.7
Congenital Anomalies, %	1.6	1.7	1.1	1.2	0.2	1.4	2.2	0.6
Abnormal Conditions of Child, %	5.0	10.6	3.3	7.2	2.4	6.6	25.8	3.8

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.



Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Otter Tail	Penn- ington	Pine	Pipe- stone	Polk	Pope
Live Births	72,382	619	170	342	125	418	124
Fertility Rate	69.0	64.1	64.1	66.3	80.7	74.2	66.3
Crude Birth Rate	13.9	10.9	12.4	12.1	13.3	13.6	11.2
Sex: Male	37,033	341	97	173	62	213	59
Female	35,348	278	73	169	63	205	65
Births to Unmarried Mothers, %	33.3	28.3	45.3	42.4	38.4	35.2	29.0
Race of Mother:							
White	53,970	572	157	320	109	359	122
African American	6,828	12	3	4	2	7	0
American Indian	1,555	9	6	13	1	17	2
Asian/Pacific Islander	4,989	10	1	0	3	7	0
Other/Unknown	5,040	16	3	5	10	28	0
*Hispanic	5,723	23	6	7	12	31	0
Live Birth Order, %							
1st Birth	39.5	33.6	35.9	41.8	36.8	34.7	37.1
5th or Over	4.9	6.3	4.7	3.8	12.0	5.7	2.4
Prematurity, %							
Less than 37 weeks	9.6	7.7	12.9	13.9	11.8	11.5	9.0
Less than 2500 grams	6.4	3.9	8.2	7.3	8.0	5.0	3.2
Plurality:							
Single	69,817	602	159	335	119	400	118
Twin	2,466	17	8	7	6	18	6
Triplet	80	0	3	0	0	0	0
Mother's Age, %							
Under 18	2.0	2.3	2.4	2.9	1.6	2.4	0.8
18-19	4.8	3.7	5.9	7.9	6.4	6.5	4.8
40 and over	2.6	2.3	1.8	1.8	4.0	2.2	0.8
Mother's Education, %							
Less than 12 years	11.0	9.3	8.9	12.8	8.9	7.5	6.5
Over 3 years college	37.9	26.8	16.7	18.2	20.3	27.5	21.0
Prenatal Care Began, %							
3rd Trimester or none	2.3	1.3	3.1	2.1	6.0	4.2	0.8
Congenital Anomalies, %	1.6	1.8	2.4	0.6	1.6	1.0	0.0
Abnormal Conditions of Child, %	5.0	6.3	11.2	4.7	10.4	6.2	4.0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Ramsey	St. Paul	Red Lake	Redwood	Renville	Rice	Rock
Live Births	72,382	7,778	5,297	58	197	195	794	128
Fertility Rate	69.0	75.8	76.5	81.0	80.4	76.3	58.0	80.7
Crude Birth Rate	13.9	15.5	19.0	14.3	12.7	12.3	12.7	13.5
Sex: Male	37,033	3,951	2,671	33	102	91	405	64
Female	35,348	3,827	2,626	25	95	104	389	64
Births to Unmarried Mothers, %	33.3	43.0	48.1	27.6	39.6	35.9	37.5	25.8
Race of Mother:								
White	53,970	3,991	2,215	54	158	178	630	120
African American	6,828	1,434	1,187	0	1	0	35	2
American Indian	1,555	94	74	4	21	8	2	2
Asian/Pacific Islander	4,989	1,516	1,201	0	13	1	20	2
Other/Unknown	5,040	743	620	0	4	8	107	2
*Hispanic	5,723	887	745	0	10	25	127	3
Live Birth Order, %								
1st Birth	39.5	42.6	42.4	39.7	36.6	34.9	36.5	30.5
5th or Over	4.9	6.3	7.7	5.2	7.1	4.1	4.0	4.7
Prematurity, %								
Less than 37 weeks	9.6	10.1	10.2	10.7	12.0	9.1	10.8	8.6
Less than 2500 grams	6.4	7.5	8.0	5.2	8.1	7.7	6.8	4.7
Plurality:								
Single	69,817	7,518	5,136	58	189	185	776	124
Twin	2,466	252	157	0	8	10	18	4
Triplet	80	4	4	0	0	0	0	0
Mother's Age, %								
Under 18	2.0	3.0	3.9	3.5	2.5	3.1	3.3	1.6
18-19	4.8	6.0	6.8	5.2	5.6	8.2	7.2	4.7
40 and over	2.6	3.1	3.1	6.9	1.0	1.5	2.3	0.8
Mother's Education, %								
Less than 12 years	11.0	15.3	20.0	8.6	14.3	16.5	18.3	12.5
Over 3 years college	37.9	35.9	30.0	20.7	30.2	27.3	28.0	30.0
Prenatal Care Began, %								
3rd Trimester or none	2.3	4.1	5.1	0.0	1.5	1.6	2.8	7.7
Congenital Anomalies, %	1.6	3.5	3.8	1.7	1.0	3.1	1.8	0.8
Abnormal Conditions of Child, %	5.0	6.9	7.5	12.1	6.1	8.2	5.2	5.5

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Roseau	St. Louis	Duluth	Scott	Sherburne	Sibley	Stearns
Live Births	72,382	196	2,165	1,059	2,062	1,286	192	1,961
Fertility Rate	69.0	67.1	56.6	54.7	70.7	64.8	70.5	60.3
Crude Birth Rate	13.9	12.4	11.0	12.6	16.0	14.7	12.8	13.3
Sex: Male	37,033	92	1,072	498	1,043	671	92	1,017
Female	35,348	104	1,093	561	1,019	615	100	944
Births to Unmarried Mothers, %	33.3	37.2	43.0	44.7	20.5	21.9	35.4	29.1
Race of Mother:								
White	53,970	186	1,956	927	1,661	1,205	153	1,759
African American	6,828	1	60	49	74	27	3	104
American Indian	1,555	2	101	54	29	5	0	8
Asian/Pacific Islander	4,989	7	18	13	166	25	3	35
Other/Unknown	5,040	0	30	16	132	24	33	55
*Hispanic	5,723	2	25	17	117	28	38	85
Live Birth Order, %								
1st Birth	39.5	42.9	42.5	46.0	36.8	36.2	33.3	39.3
5th or Over	4.9	5.1	4.9	3.9	3.4	5.1	6.3	5.2
Prematurity, %								
Less than 37 weeks	9.6	11.3	10.0	8.7	9.6	9.1	12.1	10.7
Less than 2500 grams	6.4	6.6	5.8	5.4	6.1	6.4	4.7	6.2
Plurality:								
Single	69,817	194	2,087	1,029	1,990	1,251	186	1,899
Twin	2,466	2	74	30	66	32	6	59
Triplet	80	0	3	0	6	3	0	3
Mother's Age, %								
Under 18	2.0	1.5	2.1	2.2	0.7	0.9	3.7	1.5
18-19	4.8	6.1	6.2	6.9	2.7	3.7	2.1	4.8
40 and over	2.6	0.5	1.9	1.7	2.5	1.1	1.6	1.9
Mother's Education, %								
Less than 12 years	11.0	5.6	9.0	9.5	4.5	4.8	17.8	9.2
Over 3 years college	37.9	24.5	32.3	37.0	49.5	35.4	25.7	35.0
Prenatal Care Began, %								
3rd Trimester or none	2.3	0.5	2.1	2.2	1.8	1.0	1.1	1.3
Congenital Anomalies, %	1.6	2.6	1.2	1.3	1.0	1.3	0.0	1.4
Abnormal Conditions of Child, %	5.0	17.4	2.9	3.2	2.5	3.9	2.1	9.5

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Steele	Stevens	Swift	Todd	Traverse	Wabasha	Wadena
Live Births	72,382	568	112	125	315	33	265	189
Fertility Rate	69.0	79.9	53.0	84.6	76.1	62.5	66.7	84.7
Crude Birth Rate	13.9	15.5	11.6	11.3	13.2	9.0	12.2	14.2
Sex: Male	37,033	272	52	63	165	16	139	92
Female	35,348	296	60	62	150	17	126	97
Births to Unmarried Mothers, %	33.3	38.2	20.5	28.8	30.5	33.3	32.8	36.0
Race of Mother:								
White	53,970	477	102	124	302	27	257	187
African American	6,828	36	2	0	1	0	1	2
American Indian	1,555	2	3	1	2	4	0	0
Asian/Pacific Islander	4,989	6	1	0	0	1	1	0
Other/Unknown	5,040	47	4	0	10	1	6	0
*Hispanic	5,723	45	6	8	31	1	11	1
Live Birth Order, %								
1st Birth	39.5	38.7	39.3	36.8	32.7	24.2	38.9	26.5
5th or Over	4.9	3.9	1.8	2.4	8.3	9.1	3.4	7.4
Prematurity, %								
Less than 37 weeks	9.6	7.5	11.8	6.1	10.4	12.5	6.3	8.7
Less than 2500 grams	6.4	4.8	4.5	4.8	5.1	3.0	4.2	6.9
Plurality:								
Single	69,817	555	110	123	308	33	263	187
Twin	2,466	13	2	2	4	0	2	2
Triplet	80	0	0	0	3	0	0	0
Mother's Age, %								
Under 18	2.0	2.5	0.9	4.0	1.9	0.0	0.4	1.1
18-19	4.8	5.1	3.6	5.6	4.8	3.0	5.7	7.9
40 and over	2.6	1.8	0.9	0.8	1.6	3.0	2.3	1.6
Mother's Education, %								
Less than 12 years	11.0	13.5	8.1	12.2	20.6	4.6	6.4	7.9
Over 3 years college	37.9	28.2	36.0	26.8	12.1	22.7	32.2	20.1
Prenatal Care Began, %								
3rd Trimester or none	2.3	0.9	2.7	0.8	7.9	0.0	1.9	1.1
Congenital Anomalies, %	1.6	0.9	0.9	3.2	2.9	0.0	1.9	1.6
Abnormal Conditions of Child, %	5.0	4.4	4.5	8.8	6.4	3.0	4.5	8.5

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 2  
 SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State Total	Waseca	Wash- ington	Watowan	Wilkin	Winona	Wright	Yellow Medicine
Live Births	72,382	210	2,891	144	69	544	2,095	125
Fertility Rate	69.0	63.4	61.8	80.0	62.8	46.3	80.0	80.7
Crude Birth Rate	13.9	10.8	12.6	13.3	11.0	10.9	17.5	12.6
Sex: Male	37,033	105	1,488	67	39	284	1,076	64
Female	35,348	105	1,403	76	30	260	1,019	61
Births to Unmarried Mothers, %	33.3	36.7	23.0	44.4	30.4	30.0	18.4	36.0
Race of Mother:								
White	53,970	190	2,291	102	63	502	1,970	108
African American	6,828	3	170	3	0	12	34	0
American Indian	1,555	0	12	2	2	2	4	6
Asian/Pacific Islander	4,989	4	332	0	1	12	46	0
Other/Unknown	5,040	13	86	37	3	16	41	11
*Hispanic	5,723	15	106	48	3	17	46	15
Live Birth Order, %								
1st Birth	39.5	32.4	38.3	36.1	27.5	34.2	35.9	38.4
5th or Over	4.9	3.3	3.2	5.6	10.1	5.9	6.0	5.6
Prematurity, %								
Less than 37 weeks	9.6	9.6	10.0	8.8	6.6	7.7	9.6	7.3
Less than 2500 grams	6.4	4.8	6.1	4.9	2.9	5.2	5.6	0.0
Plurality:								
Single	69,817	208	2,771	137	69	512	2,012	121
Twin	2,466	2	111	6	0	32	80	4
Triplet	80	0	5	1	0	0	3	0
Mother's Age, %								
Under 18	2.0	3.8	1.2	6.9	1.5	1.1	1.2	4.8
18-19	4.8	3.3	2.6	6.9	2.9	4.0	3.4	8.0
40 and over	2.6	1.9	2.8	2.1	2.9	3.3	2.2	0.8
Mother's Education, %								
Less than 12 years	11.0	10.0	3.7	27.5	13.2	6.6	4.0	8.8
Over 3 years college	37.9	30.5	55.5	19.0	29.4	47.4	41.6	21.9
Prenatal Care Began, %								
3rd Trimester or none	2.3	1.9	1.4	1.4	0.0	4.4	0.8	0.0
Congenital Anomalies, %	1.6	2.4	3.4	0.7	0.0	1.7	1.1	0.0
Abnormal Conditions of Child, %	5.0	1.4	10.7	4.2	10.1	5.5	4.1	8.8

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Live Births - Table 3  
LIVE BIRTHS BY COUNTY OF RESIDENCE AND AGE OF MOTHER  
MINNESOTA RESIDENTS, 2008

County	Total	Age of Mother									Unknown Age
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	
Total	72,382	66	1,377	3,501	14,872	23,305	18,822	8,586	1,703	150	0
Aitkin	144	0	1	6	41	56	25	13	2	0	0
Anoka	4,378	1	71	180	782	1,492	1,217	541	88	6	0
Becker	477	0	7	24	132	172	101	32	7	2	0
Beltrami	768	0	40	79	263	198	129	53	6	0	0
Benton	623	0	5	29	139	226	146	65	11	2	0
Big Stone	54	0	0	1	12	16	15	8	2	0	0
Blue Earth	802	1	11	39	188	288	192	69	14	0	0
Brown	322	0	3	15	79	124	64	30	5	2	0
Carlton	419	0	13	22	106	151	88	33	6	0	0
Carver	1,194	0	7	21	163	371	379	203	48	2	0
Cass	373	2	10	38	121	117	54	25	6	0	0
Chippewa	152	0	2	12	35	57	30	15	1	0	0
Chisago	631	0	11	31	129	237	142	66	15	0	0
Clay	780	0	15	35	134	310	206	70	8	2	0
Clearwater	121	0	4	7	40	41	19	7	3	0	0
Cook	48	0	0	2	7	23	8	5	3	0	0
Cottonwood	129	0	5	11	29	35	34	12	3	0	0
Crow Wing	764	0	19	46	206	263	158	60	12	0	0
Dakota	5,570	3	72	200	899	1,840	1,649	764	131	12	0
Dodge	293	1	3	18	68	105	68	24	6	0	0
Douglas	427	0	4	19	108	163	91	32	10	0	0
Faribault	147	0	3	11	41	46	28	15	3	0	0
Fillmore	277	0	3	13	81	95	51	25	8	1	0
Freeborn	391	0	10	37	110	129	70	29	6	0	0
Goodhue	577	0	9	37	121	192	158	49	11	0	0
Grant	64	0	0	5	15	28	14	1	1	0	0
Hennepin	16,566	24	335	715	2,961	4,671	4,765	2,472	566	57	0
Houston	208	1	1	11	30	90	43	29	3	0	0
Hubbard	249	0	5	13	67	79	55	25	4	1	0
Isanti	529	0	6	25	141	192	112	46	6	1	0
Itasca	469	0	14	33	145	158	92	24	3	0	0
Jackson	99	1	0	7	21	40	20	9	1	0	0
Kanabec	179	0	7	12	56	56	32	11	4	1	0
Kandiyohi	594	0	15	60	146	211	120	34	8	0	0
Kittson	38	0	0	3	9	9	12	5	0	0	0
Koochiching	126	0	4	9	27	41	32	10	2	1	0
Lac Qui Parle	69	0	1	3	15	23	24	2	1	0	0
Lake	126	0	2	9	27	41	37	10	0	0	0
Lake of the Woods	30	0	0	1	10	6	13	0	0	0	0
Le Sueur	327	0	4	15	64	120	80	42	2	0	0
Lincoln	64	0	0	1	18	24	16	4	1	0	0
Lyon	376	0	11	16	94	144	71	32	8	0	0
McLeod	473	0	9	28	102	163	112	45	14	0	0
Mahnomen	107	0	9	17	27	34	14	5	0	1	0
Marshall	105	0	1	8	24	33	29	7	2	1	0

Live Births - Table 3  
LIVE BIRTHS BY COUNTY OF RESIDENCE AND AGE OF MOTHER  
MINNESOTA RESIDENTS, 2008

County	Total	Age of Mother									Unknown Age
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	
Martin	206	0	6	20	50	76	42	9	3	0	0
Meeker	297	0	2	14	75	105	64	30	7	0	0
Mille Lacs	373	0	4	29	116	127	67	24	6	0	0
Morrison	472	1	8	29	126	174	92	38	4	0	0
Mower	633	2	19	53	163	209	133	45	9	0	0
Murray	83	0	3	4	22	36	15	1	2	0	0
Nicollet	416	0	9	15	85	153	118	33	3	0	0
Nobles	362	1	20	29	101	109	74	22	4	2	0
Norman	93	0	2	4	23	36	19	8	1	0	0
Olmsted	2,289	2	33	86	421	812	630	262	40	3	0
Otter Tail	619	1	13	23	145	228	148	47	14	0	0
Pennington	170	1	3	10	47	50	35	21	2	1	0
Pine	342	0	10	27	108	107	64	20	5	1	0
Pipestone	125	0	2	8	38	46	18	8	5	0	0
Polk	418	0	10	27	96	139	98	39	9	0	0
Pope	124	0	1	6	32	52	28	4	1	0	0
Ramsey	7,778	20	214	466	1,878	2,269	1,764	929	213	25	0
Red Lake	58	0	2	3	13	24	8	4	4	0	0
Redwood	197	0	5	11	54	69	45	11	1	1	0
Renville	195	0	6	16	52	57	42	19	3	0	0
Rice	794	0	26	57	174	261	191	67	16	2	0
Rock	128	0	2	6	30	48	31	10	1	0	0
Roseau	196	0	3	12	56	71	37	16	1	0	0
St. Louis	2,165	1	44	134	536	696	494	220	39	1	0
Scott	2,062	1	14	56	243	655	732	310	46	5	0
Sherburne	1,286	0	12	48	231	470	362	149	13	1	0
Sibley	192	1	6	4	49	61	45	23	3	0	0
Stearns	1,961	0	29	95	438	702	489	170	33	5	0
Steele	568	0	14	29	155	186	131	43	10	0	0
Stevens	112	0	1	4	24	41	32	9	1	0	0
Swift	125	0	5	7	31	44	29	8	1	0	0
Todd	315	0	6	15	97	114	53	25	4	1	0
Traverse	33	0	0	1	8	15	8	0	1	0	0
Wabasha	265	0	1	15	69	86	62	26	6	0	0
Wadena	190	0	2	15	39	71	42	18	3	0	0
Waseca	210	1	7	7	43	89	37	22	4	0	0
Washington	2,891	0	34	75	405	886	909	500	79	3	0
Watonwan	144	0	10	10	40	51	25	5	3	0	0
Wilkin	69	0	1	2	17	28	13	6	1	1	0
Winona	544	0	6	22	138	160	136	64	17	1	0
Wright	2,095	0	24	72	334	739	622	257	43	4	0
Yellow Medicine	125	0	6	10	37	42	23	6	1	0	0
Unknown	3	0	0	1	0	1	0	0	0	1	0

Live Births - Table 4  
LIVE BIRTHS BY BIRTH WEIGHT GROUP  
BY LIVE BIRTH ORDER AND BY SEX  
MINNESOTA RESIDENTS, 2008

Live Birth Order	Total Live Births	Weight in Grams									Weight Not Stated
		999 or Less	1000 to 1499	1500 to 1999	2000 to 2499	2500 to 2999	3000 to 3499	3500 to 3999	4000 to 4499	4500 and Over	
First	28,560	196	183	368	1,180	4,725	11,166	8,213	2,196	320	13
Second	23,393	131	134	276	830	3,179	8,610	7,582	2,268	377	6
Third	11,877	63	53	134	485	1,690	4,265	3,828	1,152	205	2
Fourth	4,786	25	29	67	208	713	1,742	1,468	440	92	2
Fifth	1,823	14	15	26	102	269	629	579	154	35	0
Sixth	760	8	3	9	27	142	268	212	69	21	1
Seventh	454	5	4	9	16	58	145	137	65	15	0
Eighth or Over	487	4	1	12	23	59	142	159	67	19	1
Not Stated	242	2	1	1	11	32	91	71	30	2	1
<b>TOTAL*</b>	<b>72,382</b>	<b>448</b>	<b>423</b>	<b>902</b>	<b>2,882</b>	<b>10,867</b>	<b>27,058</b>	<b>22,249</b>	<b>6,441</b>	<b>1,086</b>	<b>26</b>
Male	37,033	228	205	442	1,359	4,772	12,877	12,328	4,057	751	14
Female	35,348	219	218	460	1,523	6,095	14,181	9,921	2,384	335	12

\*Total may include infants of unknown sex.



Live Births - Table 5  
LIVE BIRTHS BY LIVE BIRTH ORDER AND AGE OF MOTHER  
MINNESOTA RESIDENTS, 2008

Live Birth Order	Total Births	Age of Mother								Age Not Stated
		Under 15 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 and Over Years	
First	28,560	66	3,956	7,704	9,517	5,200	1,772	320	25	0
Second	23,393	0	776	4,783	7,709	6,832	2,806	460	27	0
Third	11,877	0	111	1,694	3,768	3,923	2,031	328	22	0
Fourth	4,786	0	11	458	1,465	1,647	974	211	20	0
Fifth	1,823	0	1	141	508	626	409	125	13	0
Sixth	760	0	0	32	166	257	218	80	7	0
Seventh	454	0	0	5	69	168	150	52	10	0
Eighth or Over	487	0	0	6	32	118	186	120	25	0
Not Stated	242	0	23	49	71	51	40	7	1	0
<b>TOTAL</b>	<b>72,382</b>	<b>66</b>	<b>4,878</b>	<b>14,872</b>	<b>23,305</b>	<b>18,822</b>	<b>8,586</b>	<b>1,703</b>	<b>150</b>	<b>0</b>

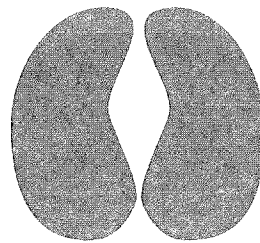
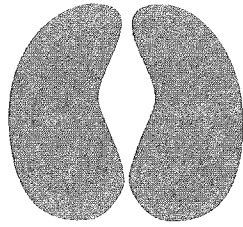
Live Births - Table 6  
 PRENATAL CARE AND RACE BY AGE OF MOTHER AND BY MARITAL STATUS  
 MINNESOTA RESIDENTS, 2008

	Age of Mother									
	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Unknown
<b>Births to Married Mothers</b>										
	48,237	0	378	5,578	17,206	16,104	7,422	1,427	122	0
<b>Prenatal Care Began</b>										
1st Trimester	42,595	0	249	4,572	15,346	14,489	6,608	1,229	102	0
2nd Trimester	3,928	0	103	732	1,287	1,094	561	140	11	0
3rd Trimester	586	0	15	134	180	150	81	24	2	0
No Care	33	0	0	5	10	9	5	4	0	0
Unknown	1,095	0	11	135	383	362	167	30	7	0
<b>Race of Mother</b>										
White	39,732	0	229	4,207	14,455	13,528	6,076	1,145	92	0
African American	2,668	0	26	382	874	783	468	115	20	0
American Indian	251	0	7	58	89	70	22	5	0	0
Asian/Pacific Islander	3,416	0	50	492	1,082	1,123	562	102	5	0
Other/Unknown	2,170	0	66	439	706	600	294	60	5	0
*Hispanic	2,410	0	88	512	797	666	291	51	5	0
<b>Births to Unmarried Mothers</b>										
	24,145	66	4,500	9,294	6,099	2,718	1,164	276	28	0
<b>Prenatal Care Began</b>										
1st Trimester	17,585	21	3,036	6,765	4,623	2,044	875	202	19	0
2nd Trimester	4,584	31	1,037	1,775	1,009	476	205	46	5	0
3rd Trimester	825	9	176	305	204	85	29	14	3	0
No Care	150	1	31	45	32	22	13	6	0	0
Unknown	1,001	4	220	404	231	91	42	8	1	0
<b>Race of Mother</b>										
White	14,238	12	2,493	5,735	3,633	1,545	647	160	13	0
African American	4,160	24	831	1,531	1,041	457	222	45	9	0
American Indian	1,304	6	319	513	287	116	53	10	0	0
Asian/Pacific Islander	1,573	13	308	607	383	160	79	18	5	0
Other/Unknown	2,870	11	549	908	755	440	163	43	1	0
*Hispanic	3,313	17	692	1,079	824	481	171	48	1	0
<b>Fetal Deaths to Married Mothers</b>										
	207	0	4	24	57	72	35	14	1	0
<b>Race of Mother</b>										
White	161	0	2	20	45	55	28	11	0	0
African American	20	0	0	3	5	9	1	2	0	0
American Indian	2	0	0	0	1	1	0	0	0	0
Asian/Pacific Islander	12	0	2	0	3	3	4	0	0	0
Other/Unknown	12	0	0	1	3	4	2	1	1	0
*Hispanic	13	0	0	1	4	3	3	1	1	0
<b>Fetal Deaths to Unmarried Mothers</b>										
	168	0	35	61	43	16	9	4	0	0
<b>Race of Mother</b>										
White	85	0	12	35	21	9	5	3	0	0
African American	42	0	14	13	9	4	2	0	0	0
American Indian	15	0	2	4	4	3	1	1	0	0
Asian/Pacific Islander	10	0	1	5	4	0	0	0	0	0
Other/Unknown	16	0	6	4	5	0	1	0	0	0
*Hispanic	12	0	4	4	4	0	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

# FERTILITY

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Fertility Table 1  
 Total Reported Pregnancies by Outcome and Rate  
 Minnesota Residents, 1980 - 2008

Year	Total Reported Pregnancies*	Live Births	Induced Abortions	Fetal Deaths	Female Population Ages 15-44	Pregnancy Rate**
1980	84,782	67,843	16,490	449	958,773	88.4
1981	84,934	68,652	15,821	461	967,087	87.8
1982	84,500	68,512	15,559	429	977,905	86.4
1983	80,530	65,559	14,514	457	981,287	82.1
1984	82,736	66,715	15,556	465	985,608	83.9
1985	83,853	67,412	16,002	439	994,249	84.3
1986	81,882	65,766	15,716	400	997,501	82.1
1987	81,318	65,168	15,746	404	1,004,801	80.9
1988	83,335	66,745	16,124	466	1,020,209	81.7
1989	83,426	67,490	15,506	430	1,024,576	81.4
1990	83,714	67,985	15,280	449	1,025,919	81.6
1991	81,904	67,037	14,441	426	1,036,146	79.0
1992	79,844	65,591	13,846	407	1,049,175	76.1
1993	77,939	64,646	12,955	338	1,060,396	73.5
1994	78,344	64,277	13,702	365	1,073,649	73.0
1995	76,338	63,259	12,715	364	1,053,136	72.5
1996	76,909	63,681	12,876	352	1,066,220	72.1
1997	77,850	64,491	12,997	362	1,050,544	74.1
1998	78,646	65,207	13,050	389	1,054,458	74.6
1999	79,374	65,953	13,037	384	1,054,543	75.3
2000	81,039	67,451	13,200	388	1,082,642	74.9
2001	80,407	66,617	13,448	342	1,093,734	73.5
2002	81,284	68,037	12,902	345	1,096,832	74.1
2003	83,300	70,053	12,918	329	1,093,415	76.2
2004	83,719	70,614	12,755	350	1,095,018	76.5
2005	83,555	70,920	12,306	329	1,092,604	76.5
2006	86,814	73,515	12,948	351	1,070,877	81.1
2007	86,832	73,675	12,770	387	1,058,541	82.0
2008	84,653	72,382	11,896	375	1,048,477	80.7

\*Includes Live Births, Fetal Deaths of 20 weeks or more gestation, and Induced Abortions.  
 Fetal Deaths of less than 20 weeks are not reported to the Minnesota Department of Health.

\*\*Number of pregnancies per 1,000 women ages 15 - 44 years.

Fertility Table 2  
Pregnancy Outcomes and Pregnancy Rates by Age of Woman  
Minnesota Residents, 1995, 2000, 2005 and 2008

Year/ Event	Age of Woman								
	Total	<15	15-19	20-24	25-29	30-34	35-39	40+	Unkwn
<b>1995</b>									
Live Births	63,259	84	5,212	12,409	19,164	18,046	7,109	1,222	13
Fetal Deaths	364	1	30	74	106	83	38	17	15
Induced Abortions	12,715	69	2,204	4,015	3,003	1,864	1,128	326	106
Reported Pregnancies <sup>1</sup>	76,338	154	7,446	16,498	22,273	19,993	8,275	1,565	134
Age Specific Pregnancy Rate <sup>2</sup>	72.5	***	47.3	109.6	137.7	98.2	41.3	8.7	***
<b>2000</b>									
Live Births	67,451	87	5,396	13,667	19,154	18,925	8,531	1,686	5
Fetal Deaths	388	1	36	72	110	86	62	18	3
Induced Abortions	13,200	62	2,143	4,346	2,997	1,983	1,171	476	22
Reported Pregnancies <sup>1</sup>	81,039	150	7,575	18,085	22,261	20,994	9,764	2,180	30
Age Specific Pregnancy Rate <sup>2</sup>	74.9	***	41.4	114.4	141.2	120.1	47.7	10.7	***
<b>2005</b>									
Live Births	70,920	59	4,780	15,025	21,642	18,342	9,078	1,991	3
Fetal Deaths	329	3	35	63	89	81	42	16	0
Induced Abortions	12,303	47	1,807	4,216	2,937	1,765	1,144	387	0
Reported Pregnancies <sup>1</sup>	83,552	109	6,622	19,304	24,668	20,188	10,264	2,394	3
Age Specific Pregnancy Rate <sup>2</sup>	76.5	***	36.1	103.0	146.8	120.7	56.7	11.7	***
<b>2008</b>									
Live Births	72,382	66	4,878	14,872	23,305	18,822	8,586	1,853	0
Fetal Deaths	375	0	39	85	100	88	44	19	0
Induced Abortions	11,896	48	1,681	3,953	3,050	1,685	1,060	419	0
Reported Pregnancies <sup>1</sup>	84,653	114	6,598	18,910	26,455	20,595	9,690	2,291	0
Age Specific Pregnancy Rate <sup>2</sup>	80.7	***	36.7	106.7	150.1	128.3	57.0	12.4	***

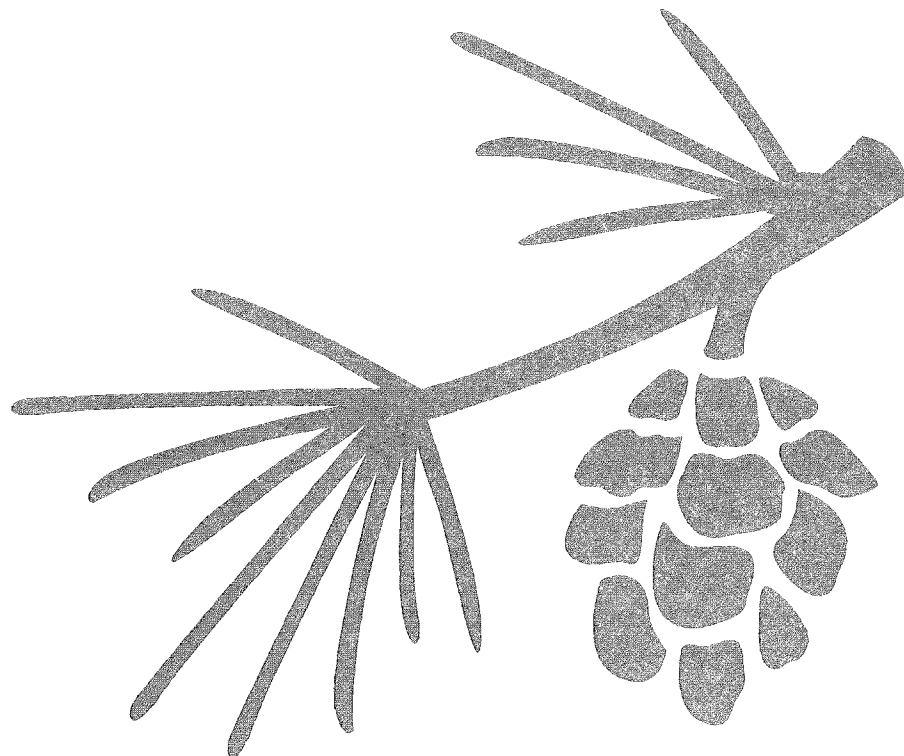
<sup>1</sup> Includes live births, fetal deaths of 20 week or more gestation, and induced abortions

<sup>2</sup> Pregnancies within a specific age group per 1,000 female population of that same age group. Total rate is calculated per 1,000 female population age 15-44.

\*\*\*Appropriate age-specific female population is not available for use in rate calculations.

# INFANT MORTALITY AND FETAL DEATHS

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Infant Mortality and Fetal Deaths - Table 1  
 INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY CAUSE  
 MINNESOTA RESIDENTS, 2008

Cause of Death	Infant Deaths	Neonatal Deaths			Post-Neonatal	
		Total	Under 1 Day	1-6 Days		7-27 Days
Total - All Causes	433	275	138	66	71	158
Infective and Parasitic Diseases	5	1	0	0	1	4
Septicemia	2	0	0	0	0	2
Neoplasms	0	0	0	0	0	0
Malignant Neoplasms	0	0	0	0	0	0
Diseases of the Blood and Blood-Forming Organs and Immune Mechanisms	2	2	0	0	2	0
Endocrine, Nutritional and Metabolic Diseases	7	1	1	0	0	6
Diseases of the Nervous System	4	0	0	0	0	4
Diseases of the Ear and Mastoid Process	0	0	0	0	0	0
Diseases of the Circulatory System	8	0	0	0	0	8
Diseases of the Respiratory System	17	0	0	0	0	17
Pneumonia and Influenza	6	0	0	0	0	6
Diseases of the Digestive System	6	1	0	0	1	5
Diseases of the Genitourinary System	3	2	0	2	0	1
Certain Conditions Originating in the Perinatal Period	196	186	98	43	45	10
Maternal Conditions and Complications	52	49	34	11	4	3
Short Gestation and Low Birthweight	53	52	46	6	0	1
Birth Trauma	0	0	0	0	0	0
Intrauterine Hypoxia & Birth Asphyxia	8	8	5	0	3	0
Respiratory Distress of Newborn	12	11	2	4	5	1
Bacterial Sepsis of Newborn	4	4	0	2	2	0
Omphalitis of Newborn	0	0	0	0	0	0
Fetal & Neonatal Hemorrhage	10	10	2	6	2	0
Congenital Anomalies	107	76	39	20	17	31
Hydrocephalus & Spina Bifida	0	0	0	0	0	0
Of Heart	26	14	6	1	7	12
Chromosomal Anomalies	25	19	10	6	3	6
Symptoms, Signs, and Abnormal Clinical Findings	47	5	0	1	4	42
Sudden Infant Death Syndrome	41	3	0	0	3	38
All Other Diseases	1	0	0	0	0	1
External Causes	30	1	0	0	1	29
Transport Accidents	3	0	0	0	0	3
Accidental Drowning & Submersion	1	0	0	0	0	1
Other Accidental Threats to Breathing	25	1	0	0	1	24
Assault	1	0	0	0	0	1





Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth
<b>Infant Deaths (Race of Child)</b>								
Total	433	0	26	2	4	3	0	1
White	266	0	20	1	2	3	0	1
African American	94	0	2	0	0	0	0	0
American Indian	18	0	0	1	2	0	0	0
Asian/Pacific Islander	25	0	1	0	0	0	0	0
Other/Unknown	30	0	3	0	0	0	0	0
*Hispanic	41	0	2	0	0	0	0	1
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	0	20	1	1	1	0	0
White	175	0	14	1	1	1	0	0
African American	62	0	2	0	0	0	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	0	1	0	0	0	0	0
Other/Unknown	18	0	3	0	0	0	0	0
*Hispanic	22	0	1	0	0	0	0	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	0	11	1	0	0	0	0
White	80	0	8	1	0	0	0	0
African American	36	0	1	0	0	0	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	1	0	0	0	0	0
Other/Unknown	9	0	1	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	4	0	1	0	0	0
White	45	0	3	0	1	0	0	0
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	1	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	0	5	0	0	1	0	0
White	50	0	3	0	0	1	0	0
African American	15	0	1	0	0	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	1	0	0	0	0	0
*Hispanic	4	0	1	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	3	20	1	6	3	0	7
White	246	3	15	1	4	3	0	6
African American	62	0	4	0	0	0	0	1
American Indian	17	0	0	0	2	0	0	0
Asian/Pacific Islander	22	0	0	0	0	0	0	0
Other/Unknown	28	0	1	0	0	0	0	0
*Hispanic	25	0	1	1	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Brown	Carlton	Carver	Cass	Chippewa	Chisago	Clay
<b>Infant Deaths (Race of Child)</b>								
Total	433	3	5	5	4	0	2	9
White	266	3	5	5	0	0	1	8
African American	94	0	0	0	0	0	0	0
American Indian	18	0	0	0	4	0	0	0
Asian/Pacific Islander	25	0	0	0	0	0	1	0
Other/Unknown	30	0	0	0	0	0	0	1
*Hispanic	41	0	0	0	0	0	0	1
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	1	1	5	2	0	1	7
White	175	1	1	5	0	0	1	6
African American	62	0	0	0	0	0	0	0
American Indian	4	0	0	0	2	0	0	0
Asian/Pacific Islander	16	0	0	0	0	0	0	0
Other/Unknown	18	0	0	0	0	0	0	1
*Hispanic	22	0	0	0	0	0	0	1
<b>First Day Deaths (Race of Child)</b>								
Total	138	0	0	4	1	0	1	5
White	80	0	0	4	0	0	1	5
African American	36	0	0	0	0	0	0	0
American Indian	3	0	0	0	1	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0	0
Other/Unknown	9	0	0	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	0	0	0	0	0	1
White	45	0	0	0	0	0	0	0
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0	1
*Hispanic	5	0	0	0	0	0	0	1
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	1	1	1	1	0	0	1
White	50	1	1	1	0	0	0	1
African American	15	0	0	0	0	0	0	0
American Indian	1	0	0	0	1	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	1	1	5	5	0	3	0
White	246	1	1	4	0	0	3	0
African American	62	0	0	0	0	0	0	0
American Indian	17	0	0	0	5	0	0	0
Asian/Pacific Islander	22	0	0	0	0	0	0	0
Other/Unknown	28	0	0	1	0	0	0	0
*Hispanic	25	0	0	1	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Clear- water	Cook	Cotton- wood	Crow Wing	Dakota	Dodge	Douglas
<b>Infant Deaths (Race of Child)</b>								
Total	433	1	2	2	4	24	3	2
White	266	0	2	2	4	15	3	2
African American	94	0	0	0	0	4	0	0
American Indian	18	1	0	0	0	0	0	0
Asian/Pacific Islander	25	0	0	0	0	4	0	0
Other/Unknown	30	0	0	0	0	1	0	0
*Hispanic	41	0	0	0	0	3	0	0
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	0	1	2	2	17	1	1
White	175	0	1	2	2	10	1	1
African American	62	0	0	0	0	4	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	0	0	0	0	2	0	0
Other/Unknown	18	0	0	0	0	1	0	0
*Hispanic	22	0	0	0	0	2	0	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	0	0	1	2	11	1	0
White	80	0	0	1	2	6	1	0
African American	36	0	0	0	0	2	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	2	0	0
Other/Unknown	9	0	0	0	0	1	0	0
*Hispanic	13	0	0	0	0	2	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	0	1	0	3	0	0
White	45	0	0	1	0	2	0	0
African American	11	0	0	0	0	1	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	0	1	0	0	3	0	1
White	50	0	1	0	0	2	0	1
African American	15	0	0	0	0	1	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	0	0	0	8	23	0	1
White	246	0	0	0	8	17	0	1
African American	62	0	0	0	0	4	0	0
American Indian	17	0	0	0	0	1	0	0
Asian/Pacific Islander	22	0	0	0	0	1	0	0
Other/Unknown	28	0	0	0	0	0	0	0
*Hispanic	25	0	0	0	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Faribault	Fillmore	Freeborn	Goodhue	Grant	Hennepin	Minn- neapolis
<b>Infant Deaths (Race of Child)</b>								
Total	433	0	1	0	2	0	120	58
White	266	0	1	0	2	0	40	14
African American	94	0	0	0	0	0	53	28
American Indian	18	0	0	0	0	0	6	5
Asian/Pacific Islander	25	0	0	0	0	0	8	1
Other/Unknown	30	0	0	0	0	0	13	10
*Hispanic	41	0	0	0	0	0	14	11
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	0	1	0	2	0	79	35
White	175	0	1	0	2	0	27	9
African American	62	0	0	0	0	0	35	16
American Indian	4	0	0	0	0	0	2	2
Asian/Pacific Islander	16	0	0	0	0	0	6	0
Other/Unknown	18	0	0	0	0	0	9	8
*Hispanic	22	0	0	0	0	0	9	8
<b>First Day Deaths (Race of Child)</b>								
Total	138	0	1	0	1	0	41	15
White	80	0	1	0	1	0	11	3
African American	36	0	0	0	0	0	19	6
American Indian	3	0	0	0	0	0	2	2
Asian/Pacific Islander	10	0	0	0	0	0	4	0
Other/Unknown	9	0	0	0	0	0	5	4
*Hispanic	13	0	0	0	0	0	5	4
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	0	0	0	0	22	10
White	45	0	0	0	0	0	9	4
African American	11	0	0	0	0	0	9	4
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	2	0
Other/Unknown	5	0	0	0	0	0	2	2
*Hispanic	5	0	0	0	0	0	2	2
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	0	0	0	1	0	16	10
White	50	0	0	0	1	0	7	2
African American	15	0	0	0	0	0	7	6
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	2	2
*Hispanic	4	0	0	0	0	0	2	2
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	2	2	1	4	0	100	47
White	246	2	2	1	4	0	49	17
African American	62	0	0	0	0	0	30	20
American Indian	17	0	0	0	0	0	0	0
Asian/Pacific Islander	22	0	0	0	0	0	7	3
Other/Unknown	28	0	0	0	0	0	14	7
*Hispanic	25	0	0	0	0	0	12	7

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State							
	Total	Houston	Hubbard	Isanti	Itasca	Jackson	Kanabec	Kandiyohi
<b>Infant Deaths (Race of Child)</b>								
Total	433	0	2	3	3	1	0	4
White	266	0	2	3	2	1	0	4
African American	94	0	0	0	0	0	0	0
American Indian	18	0	0	0	1	0	0	0
Asian/Pacific Islander	25	0	0	0	0	0	0	0
Other/Unknown	30	0	0	0	0	0	0	0
*Hispanic	41	0	0	0	0	0	0	0
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	0	0	3	0	0	0	3
White	175	0	0	3	0	0	0	3
African American	62	0	0	0	0	0	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	0	0	0	0	0	0	0
Other/Unknown	18	0	0	0	0	0	0	0
*Hispanic	22	0	0	0	0	0	0	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	0	0	3	0	0	0	1
White	80	0	0	3	0	0	0	1
African American	36	0	0	0	0	0	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0	0
Other/Unknown	9	0	0	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	0	0	0	0	0	0
White	45	0	0	0	0	0	0	0
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	0	0	0	0	0	0	2
White	50	0	0	0	0	0	0	2
African American	15	0	0	0	0	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	0	0	6	3	0	0	1
White	246	0	0	5	3	0	0	1
African American	62	0	0	0	0	0	0	0
American Indian	17	0	0	0	0	0	0	0
Asian/Pacific Islander	22	0	0	1	0	0	0	0
Other/Unknown	28	0	0	0	0	0	0	0
*Hispanic	25	0	0	0	0	0	0	1

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Kittson	Kooch iching	Lac Qui Parle	Lake Lake	Lake of the Woods	Le Sueur	Lincoln
<b>Infant Deaths (Race of Child)</b>								
Total	433	0	1	0	1	1	1	0
White	266	0	1	0	1	1	1	0
African American	94	0	0	0	0	0	0	0
American Indian	18	0	0	0	0	0	0	0
Asian/Pacific Islander	25	0	0	0	0	0	0	0
Other/Unknown	30	0	0	0	0	0	0	0
*Hispanic	41	0	0	0	0	0	1	0
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	0	0	0	1	0	1	0
White	175	0	0	0	1	0	1	0
African American	62	0	0	0	0	0	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	0	0	0	0	0	0	0
Other/Unknown	18	0	0	0	0	0	0	0
*Hispanic	22	0	0	0	0	0	1	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	0	0	0	0	0	1	0
White	80	0	0	0	0	0	1	0
African American	36	0	0	0	0	0	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0	0
Other/Unknown	9	0	0	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	1	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	0	0	1	0	0	0
White	45	0	0	0	1	0	0	0
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	0	0	0	0	0	0	0
White	50	0	0	0	0	0	0	0
African American	15	0	0	0	0	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	0	1	0	1	1	2	0
White	246	0	1	0	1	1	2	0
African American	62	0	0	0	0	0	0	0
American Indian	17	0	0	0	0	0	0	0
Asian/Pacific Islander	22	0	0	0	0	0	0	0
Other/Unknown	28	0	0	0	0	0	0	0
*Hispanic	25	0	0	0	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Lyon	McLeod	Mahnomen	Marshall	Martin	Meeker	Mille Lacs
<b>Infant Deaths (Race of Child)</b>								
Total	433	2	1	1	3	0	3	2
White	266	0	1	1	2	0	3	2
African American	94	1	0	0	0	0	0	0
American Indian	18	0	0	0	0	0	0	0
Asian/Pacific Islander	25	1	0	0	0	0	0	0
Other/Unknown	30	0	0	0	1	0	0	0
*Hispanic	41	0	0	0	1	0	0	0
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	2	1	1	0	0	2	2
White	175	0	1	1	0	0	2	2
African American	62	1	0	0	0	0	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	1	0	0	0	0	0	0
Other/Unknown	18	0	0	0	0	0	0	0
*Hispanic	22	0	0	0	0	0	0	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	1	0	1	0	0	1	0
White	80	0	0	1	0	0	1	0
African American	36	1	0	0	0	0	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0	0
Other/Unknown	9	0	0	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	1	0	0	0	0	1
White	45	0	1	0	0	0	0	1
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	1	0	0	0	0	1	1
White	50	0	0	0	0	0	1	1
African American	15	0	0	0	0	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	1	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	3	2	0	0	1	2	2
White	246	3	2	0	0	1	2	0
African American	62	0	0	0	0	0	0	0
American Indian	17	0	0	0	0	0	0	2
Asian/Pacific Islander	22	0	0	0	0	0	0	0
Other/Unknown	28	0	0	0	0	0	0	0
*Hispanic	25	0	0	0	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State							
	Total	Morrison	Mower	Murray	Nicollet	Nobles	Norman	Olmsted
<b>Infant Deaths (Race of Child)</b>								
Total	433	8	2	1	2	1	0	15
White	266	6	2	1	2	1	0	11
African American	94	1	0	0	0	0	0	4
American Indian	18	0	0	0	0	0	0	0
Asian/Pacific Islander	25	0	0	0	0	0	0	0
Other/Unknown	30	1	0	0	0	0	0	0
*Hispanic	41	1	0	0	0	0	0	1
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	5	1	1	2	1	0	9
White	175	5	1	1	2	1	0	7
African American	62	0	0	0	0	0	0	2
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	0	0	0	0	0	0	0
Other/Unknown	18	0	0	0	0	0	0	0
*Hispanic	22	0	0	0	0	0	0	1
<b>First Day Deaths (Race of Child)</b>								
Total	138	2	1	1	0	0	0	5
White	80	2	1	1	0	0	0	3
African American	36	0	0	0	0	0	0	2
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0	0
Other/Unknown	9	0	0	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	0	1
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	3	0	0	0	1	0	3
White	45	3	0	0	0	1	0	3
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	0	0	0	2	0	0	1
White	50	0	0	0	2	0	0	1
African American	15	0	0	0	0	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	3	4	0	0	0	0	10
White	246	3	3	0	0	0	0	7
African American	62	0	1	0	0	0	0	1
American Indian	17	0	0	0	0	0	0	0
Asian/Pacific Islander	22	0	0	0	0	0	0	1
Other/Unknown	28	0	0	0	0	0	0	1
*Hispanic	25	0	0	0	0	0	0	1

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.



Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Otter Tail	Penn- ington	Pine	Pipe- stone	Polk	Pope
<b>Infant Deaths (Race of Child)</b>							
Total	433	1	0	3	1	1	1
White	266	1	0	2	1	1	1
African American	94	0	0	0	0	0	0
American Indian	18	0	0	1	0	0	0
Asian/Pacific Islander	25	0	0	0	0	0	0
Other/Unknown	30	0	0	0	0	0	0
*Hispanic	41	0	0	0	0	0	0
<b>Neonatal Deaths (Race of Child)</b>							
Total	275	0	0	2	1	1	1
White	175	0	0	2	1	1	1
African American	62	0	0	0	0	0	0
American Indian	4	0	0	0	0	0	0
Asian/Pacific Islander	16	0	0	0	0	0	0
Other/Unknown	18	0	0	0	0	0	0
*Hispanic	22	0	0	0	0	0	0
<b>First Day Deaths (Race of Child)</b>							
Total	138	0	0	1	0	1	0
White	80	0	0	1	0	1	0
African American	36	0	0	0	0	0	0
American Indian	3	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0
Other/Unknown	9	0	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>							
Total	66	0	0	0	0	0	0
White	45	0	0	0	0	0	0
African American	11	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>							
Total	71	0	0	1	1	0	1
White	50	0	0	1	1	0	1
African American	15	0	0	0	0	0	0
American Indian	1	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>							
Total	375	4	0	2	0	1	0
White	246	3	0	2	0	1	0
African American	62	1	0	0	0	0	0
American Indian	17	0	0	0	0	0	0
Asian/Pacific Islander	22	0	0	0	0	0	0
Other/Unknown	28	0	0	0	0	0	0
*Hispanic	25	0	0	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Ramsey	St. Paul	Red Lake	Redwood	Renville	Rice	Rock
<b>Infant Deaths (Race of Child)</b>								
Total	433	54	41	0	0	3	4	1
White	266	16	8	0	0	2	3	1
African American	94	23	19	0	0	0	0	0
American Indian	18	0	0	0	0	0	0	0
Asian/Pacific Islander	25	9	9	0	0	0	0	0
Other/Unknown	30	6	5	0	0	1	1	0
*Hispanic	41	9	6	0	0	1	2	0
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	34	25	0	0	1	2	1
White	175	11	5	0	0	1	2	1
African American	62	15	12	0	0	0	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	5	5	0	0	0	0	0
Other/Unknown	18	3	3	0	0	0	0	0
*Hispanic	22	5	3	0	0	0	0	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	18	13	0	0	0	0	0
White	80	5	2	0	0	0	0	0
African American	36	9	7	0	0	0	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	3	3	0	0	0	0	0
Other/Unknown	9	1	1	0	0	0	0	0
*Hispanic	13	3	1	0	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	6	6	0	0	0	0	0
White	45	2	2	0	0	0	0	0
African American	11	1	1	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	2	2	0	0	0	0	0
Other/Unknown	5	1	1	0	0	0	0	0
*Hispanic	5	1	1	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	10	6	0	0	1	2	1
White	50	4	1	0	0	1	2	1
African American	15	5	4	0	0	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	1	1	0	0	0	0	0
*Hispanic	4	1	1	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	49	38	0	1	0	4	0
White	246	18	12	0	0	0	2	0
African American	62	13	11	0	0	0	1	0
American Indian	17	3	3	0	1	0	0	0
Asian/Pacific Islander	22	9	8	0	0	0	0	0
Other/Unknown	28	6	4	0	0	0	1	0
*Hispanic	25	5	3	0	0	0	1	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Roseau	St. Louis	Duluth	Scott	Sherburne	Sibley	Stearns
<b>Infant Deaths (Race of Child)</b>								
Total	433	1	9	4	12	8	1	8
White	266	1	6	2	9	8	1	7
African American	94	0	2	2	2	0	0	1
American Indian	18	0	1	0	0	0	0	0
Asian/Pacific Islander	25	0	0	0	1	0	0	0
Other/Unknown	30	0	0	0	0	0	0	0
*Hispanic	41	0	0	0	0	0	0	0
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	0	4	1	8	6	0	6
White	175	0	4	1	5	6	0	6
African American	62	0	0	0	2	0	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	0	0	0	1	0	0	0
Other/Unknown	18	0	0	0	0	0	0	0
*Hispanic	22	0	0	0	0	0	0	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	0	0	0	5	5	0	2
White	80	0	0	0	4	5	0	2
African American	36	0	0	0	1	0	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0	0
Other/Unknown	9	0	0	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	3	0	1	0	0	3
White	45	0	3	0	0	0	0	3
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	1	0	0	0
Other/Unknown	5	0	0	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	0	1	1	2	1	0	1
White	50	0	1	1	1	1	0	1
African American	15	0	0	0	1	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	2	10	3	7	8	1	10
White	246	2	7	1	3	7	1	9
African American	62	0	0	0	2	1	0	1
American Indian	17	0	2	2	0	0	0	0
Asian/Pacific Islander	22	0	0	0	1	0	0	0
Other/Unknown	28	0	1	0	1	0	0	0
*Hispanic	25	0	0	0	1	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Steele	Stevens	Swift	Todd	Traverse	Wabasha	Wadena
<b>Infant Deaths (Race of Child)</b>								
Total	433	2	0	0	1	1	3	1
White	266	2	0	0	1	0	3	1
African American	94	0	0	0	0	0	0	0
American Indian	18	0	0	0	0	1	0	0
Asian/Pacific Islander	25	0	0	0	0	0	0	0
Other/Unknown	30	0	0	0	0	0	0	0
*Hispanic	41	0	0	0	0	0	0	0
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	0	0	0	0	0	2	0
White	175	0	0	0	0	0	2	0
African American	62	0	0	0	0	0	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	0	0	0	0	0	0	0
Other/Unknown	18	0	0	0	0	0	0	0
*Hispanic	22	0	0	0	0	0	0	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	0	0	0	0	0	0	0
White	80	0	0	0	0	0	0	0
African American	36	0	0	0	0	0	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0	0
Other/Unknown	9	0	0	0	0	0	0	0
*Hispanic	13	0	0	0	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	0	0	0	0	0	1	0
White	45	0	0	0	0	0	1	0
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0	0
*Hispanic	5	0	0	0	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	0	0	0	0	0	1	0
White	50	0	0	0	0	0	1	0
African American	15	0	0	0	0	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	4	2	1	2	0	1	1
White	246	2	2	1	2	0	1	1
African American	62	1	0	0	0	0	0	0
American Indian	17	0	0	0	0	0	0	0
Asian/Pacific Islander	22	1	0	0	0	0	0	0
Other/Unknown	28	0	0	0	0	0	0	0
*Hispanic	25	1	0	0	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

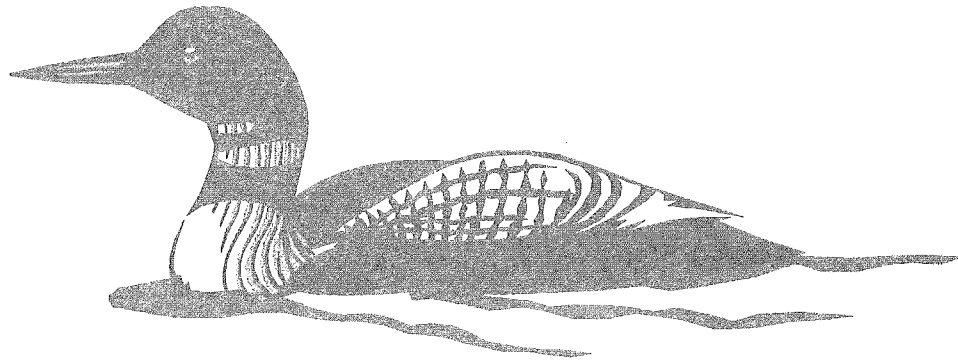
Infant Mortality and Fetal Deaths - Table 3  
 Infant, Neonatal, and Postneonatal Deaths by Race of Child  
 and Fetal Deaths by Race of Mother  
 by County and Selected City of Residence  
 Minnesota, 2008

	State Total	Waseca	Wash- ington	Watowan	Wilkin	Winona	Wright	Yellow Medicine
<b>Infant Deaths (Race of Child)</b>								
Total	433	3	17	3	0	3	7	1
White	266	3	15	3	0	3	6	1
African American	94	0	1	0	0	0	0	0
American Indian	18	0	0	0	0	0	0	0
Asian/Pacific Islander	25	0	0	0	0	0	0	0
Other/Unknown	30	0	1	0	0	0	1	0
*Hispanic	41	0	1	2	0	0	1	0
<b>Neonatal Deaths (Race of Child)</b>								
Total	275	3	11	3	0	3	5	0
White	175	3	9	3	0	3	5	0
African American	62	0	1	0	0	0	0	0
American Indian	4	0	0	0	0	0	0	0
Asian/Pacific Islander	16	0	0	0	0	0	0	0
Other/Unknown	18	0	1	0	0	0	0	0
*Hispanic	22	0	0	2	0	0	0	0
<b>First Day Deaths (Race of Child)</b>								
Total	138	1	5	1	0	0	1	0
White	80	1	3	1	0	0	1	0
African American	36	0	1	0	0	0	0	0
American Indian	3	0	0	0	0	0	0	0
Asian/Pacific Islander	10	0	0	0	0	0	0	0
Other/Unknown	9	0	1	0	0	0	0	0
*Hispanic	13	0	0	1	0	0	0	0
<b>1-6 Day Deaths (Race of Child)</b>								
Total	66	1	4	2	0	0	3	0
White	45	1	4	2	0	0	3	0
African American	11	0	0	0	0	0	0	0
American Indian	0	0	0	0	0	0	0	0
Asian/Pacific Islander	5	0	0	0	0	0	0	0
Other/Unknown	5	0	0	0	0	0	0	0
*Hispanic	5	0	0	1	0	0	0	0
<b>7-27 Day Deaths (Race of Child)</b>								
Total	71	1	2	0	0	3	1	0
White	50	1	2	0	0	3	1	0
African American	15	0	0	0	0	0	0	0
American Indian	1	0	0	0	0	0	0	0
Asian/Pacific Islander	1	0	0	0	0	0	0	0
Other/Unknown	4	0	0	0	0	0	0	0
*Hispanic	4	0	0	0	0	0	0	0
<b>Fetal Deaths (Race of Mother)</b>								
Total	375	3	16	0	0	2	6	0
White	246	3	13	0	0	2	4	0
African American	62	0	1	0	0	0	0	0
American Indian	17	0	1	0	0	0	0	0
Asian/Pacific Islander	22	0	1	0	0	0	0	0
Other/Unknown	28	0	0	0	0	0	2	0
*Hispanic	25	0	0	0	0	0	0	0

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

# MORTALITY

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# Mortality

Every day in 2008, residents of Minnesota  
experienced an average of:

## 105 Deaths

26 Cancer Deaths

20 Heart Disease Deaths

6 Respiratory Deaths

6 Stroke Deaths

4 Alzheimer's Deaths

3 Diabetic Deaths

32 Deaths From Other  
Natural Causes

1 Infant Death\*

8 Violent Deaths

5 Unintentional  
Injury Deaths

1 Motor Vehicle

2 Falls

2 Other Injury

3 Other

Violent Deaths

\*Infant deaths are included in the numbers for the cause of death categories

Mortality Table 1  
DEATHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE;  
RESIDENT DEATHS DISTRIBUTED ACCORDING TO PLACE OF DEATH  
MINNESOTA, 2008

County	Deaths Occurring in County				Resident Deaths		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County		Total
					Within Minnesota	Outside Minnesota	
State Total	38,604	30,679	6,446	1,479	6,446	1,306	38,431
Aitkin	159	144	14	1	53	4	201
Anoka	1,480	1,161	307	12	438	12	1,611
Becker	287	258	19	10	17	55	330
Beltrami	339	286	49	4	29	21	336
Benton	245	196	49	0	111	2	309
Big Stone	70	60	3	7	11	12	83
Blue Earth	562	413	146	3	31	1	445
Brown	279	245	34	0	45	5	295
Carlton	292	255	36	1	87	4	346
Carver	374	276	93	5	137	6	419
Cass	185	165	19	1	116	12	293
Chippewa	113	102	11	0	34	1	137
Chisago	337	241	87	9	72	8	321
Clay	220	210	4	6	12	159	381
Clearwater	68	62	6	0	12	13	87
Cook	45	40	3	2	14	0	54
Cottonwood	127	115	11	1	20	17	152
Crow Wing	534	470	55	9	113	8	591
Dakota	1,427	1,199	196	32	613	31	1,843
Dodge	99	83	16	0	71	2	156
Douglas	342	293	43	6	32	9	334
Faribault	165	157	4	4	39	3	199
Fillmore	158	147	9	2	53	23	223
Freeborn	338	310	21	7	53	3	366
Goodhue	415	361	39	15	94	8	463
Grant	68	62	6	0	20	3	85
Hennepin	9,082	7,282	1,560	240	583	98	7,963
Minneapolis	3,315	1,871	1,308	136	635	21	2,527
Houston	111	105	4	2	5	59	169
Hubbard	178	145	29	4	31	17	193
Isanti	262	208	53	1	55	2	265
Itasca	410	377	29	4	85	6	468
Jackson	56	54	2	0	23	24	101
Kanabec	123	106	17	0	49	2	157
Kandiyohi	367	310	54	3	43	1	354
Kittson	57	54	1	2	4	12	70
Koochiching	136	131	2	3	42	4	177
Lac Qui Parle	91	88	3	0	16	5	109
Lake	109	89	18	2	37	1	127
Lake of the Woods	29	5	1	2	5	36	0
Le Sueur	121	107	13	1	92	2	201
Lincoln	93	79	8	6	6	16	101
Lyon	202	189	10	3	22	25	236
McLeod	226	183	43	0	66	4	253
Mahnomen	34	30	3	1	8	14	52



Mortality Table 1  
DEATHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE;  
RESIDENT DEATHS DISTRIBUTED ACCORDING TO PLACE OF DEATH  
MINNESOTA, 2008

County	Deaths Occurring in County				Resident Deaths		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County		Total
					Within Minnesota	Outside Minnesota	
Marshall	48	46	2	0	12	25	83
Martin	227	204	10	13	31	7	242
Meeker	188	177	11	0	52	4	233
Mille Lacs	196	179	16	1	104	4	287
Morrison	241	228	12	1	51	2	281
Mower	279	264	9	6	130	8	402
Murray	78	72	5	1	13	10	95
Nicollet	131	118	13	0	86	1	205
Nobles	149	112	31	6	17	26	155
Norman	66	61	4	1	3	21	85
Olmsted	1,841	823	624	394	33	13	869
Otter Tail	511	481	23	7	60	64	605
Pennington	115	100	14	1	12	22	134
Pine	137	119	15	3	126	6	251
Pipestone	101	96	4	1	12	24	132
Polk	298	281	11	6	15	84	380
Pope	125	112	13	0	29	2	143
Ramsey	4,544	3,318	1,021	205	445	32	3,795
St. Paul	2,791	1,618	992	181	364	15	1,997
Red Lake	27	22	5	0	6	6	34
Redwood	151	133	17	1	44	5	182
Renville	173	157	16	0	68	3	228
Rice	333	302	31	0	121	2	425
Rock	128	105	17	6	4	23	132
Roseau	108	99	5	4	4	17	120
St. Louis	2,510	1,949	290	271	69	29	2,047
Duluth	1,601	839	500	262	21	11	871
Scott	534	372	153	9	158	6	536
Sherburne	372	260	109	3	158	4	422
Sibley	112	94	18	0	26	1	121
Stearns	1,173	738	419	16	108	9	855
Steele	276	237	30	9	49	6	292
Stevens	86	77	9	0	10	2	89
Swift	99	91	8	0	35	1	127
Todd	158	136	22	0	55	2	193
Traverse	37	32	0	5	8	12	52
Wabasha	120	104	7	9	53	2	159
Wadena	173	130	43	0	33	5	168
Waseca	146	137	9	0	38	0	175
Washington	1,046	849	159	38	384	29	1,262
Watonwan	114	106	8	0	26	1	133
Wilkin	114	79	4	31	1	16	96
Winona	358	328	10	20	42	31	401
Wright	452	390	61	1	208	7	605
Yellow Medicine	108	84	24	0	10	11	105
Unknown	0	0	0	0	1	2	3





Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M 18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F 19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
Re- sid- ual	Other Infectious and Parasitic Diseases and Sequelae	T 110	2	1	0	1	0	1	0	0	0	1	1	1	8	5	19	14	11	18	27
		M 50	1	0	0	0	0	1	0	0	0	0	0	0	5	2	10	8	4	7	12
		F 60	1	1	0	1	0	0	0	0	0	1	1	1	3	3	9	6	7	11	15
C00- D48	II. NEOPLASMS	T 9,737	0	7	8	5	12	17	26	30	65	120	284	487	714	891	1,081	1,211	1,414	1,463	1,902
		M 4,930	0	2	5	3	7	9	18	14	30	44	134	239	374	475	563	679	739	750	845
		F 4,807	0	5	3	2	5	8	8	16	35	76	150	248	340	416	518	532	675	713	1,057
C00- C97	Malignant Neoplasms	T 9,439	0	7	7	5	12	17	26	28	64	118	282	485	701	876	1,071	1,176	1,380	1,414	1,770
		M 4,783	0	2	4	3	7	9	18	14	30	43	133	238	368	469	554	660	719	723	789
		F 4,656	0	5	3	2	5	8	8	14	34	75	149	247	333	407	517	516	661	691	981
C00- C14	Of Lip, Oral Cavity and Pharynx	T 95	0	0	0	0	0	0	1	2	0	1	5	8	7	17	12	5	7	12	18
		M 57	0	0	0	0	0	0	1	1	0	0	4	5	5	13	8	2	3	9	6
		F 38	0	0	0	0	0	0	0	1	0	1	1	3	2	4	4	3	4	3	12
C15	Of Esophagus	T 246	0	0	0	0	0	0	0	1	1	3	10	26	21	24	30	40	47	26	17
		M 180	0	0	0	0	0	0	0	1	1	3	7	21	17	19	25	30	32	15	9
		F 66	0	0	0	0	0	0	0	0	0	0	3	5	4	5	5	10	15	11	8
C16	Of Stomach	T 156	0	0	0	0	0	1	1	1	1	4	12	6	6	14	15	13	19	28	35
		M 105	0	0	0	0	0	1	0	0	1	2	10	6	5	12	8	8	14	18	20
		F 51	0	0	0	0	0	0	1	1	0	2	2	0	1	2	7	5	5	10	15
C18- C21	Of Colon, Rectum, and Anus	T 851	0	0	0	0	0	1	3	0	6	19	29	47	65	75	87	90	108	119	202
		M 446	0	0	0	0	0	0	2	0	3	11	16	25	39	48	48	56	64	61	73
		F 405	0	0	0	0	0	1	1	0	3	8	13	22	26	27	39	34	44	58	129
C22	Of Liver and Intrahepatic Bile Ducts	T 267	0	1	1	0	0	1	0	1	1	2	20	26	32	25	33	27	42	33	22
		M 174	0	0	0	0	0	0	0	1	1	2	14	20	25	20	22	19	26	14	10
		F 93	0	1	1	0	0	1	0	0	0	0	6	6	7	5	11	8	16	19	12
C25	Of Pancreas	T 592	0	0	0	0	0	1	1	0	2	6	12	26	38	67	68	80	87	97	107
		M 268	0	0	0	0	0	1	1	0	0	4	9	16	23	28	31	41	40	37	37
		F 324	0	0	0	0	0	0	0	0	2	2	3	10	15	39	37	39	47	60	70

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
C32	Of Larynx	T	52	0	0	0	0	0	0	0	0	0	2	2	4	8	7	4	10	6	5	4
		M	35	0	0	0	0	0	0	0	0	0	0	2	1	5	3	3	7	6	4	4
		F	17	0	0	0	0	0	0	0	0	0	2	0	3	3	4	1	3	0	1	0
C33- C34	Of Trachea, Bronchus, and Lung	T	2,426	0	0	0	0	0	0	1	1	7	19	61	114	174	274	345	380	428	369	253
		M	1,273	0	0	0	0	0	0	0	0	5	8	32	61	103	162	176	213	218	178	117
		F	1,153	0	0	0	0	0	0	1	1	2	11	29	53	71	112	169	167	210	191	136
C43	Of Skin	T	124	0	0	0	0	0	0	2	2	1	4	5	14	16	7	11	16	14	16	16
		M	82	0	0	0	0	0	0	2	1	1	2	4	10	14	5	7	14	7	8	7
		F	42	0	0	0	0	0	0	1	0	2	1	4	2	2	4	2	7	8	8	9
C50	Of Breast	T	679	0	0	0	0	0	0	6	14	21	44	54	60	70	61	62	66	68	68	153
		M	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1
		F	673	0	0	0	0	0	0	6	14	21	44	54	60	70	60	61	65	66	66	152
C53	Of Cervix Uteri	T	49	0	0	0	0	0	1	0	1	3	2	6	6	6	4	2	5	4	4	3
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	49	0	0	0	0	0	1	0	1	3	2	6	6	6	4	2	5	4	4	3
C54- C55	Of Corpus Uteri and Uterus	T	127	0	0	0	0	0	0	0	0	3	3	10	16	6	11	13	17	17	17	31
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	127	0	0	0	0	0	0	0	0	3	3	10	16	6	11	13	17	17	17	31
C56	Of Ovary	T	265	0	0	0	0	0	0	1	0	3	2	5	19	35	26	33	35	41	22	43
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	265	0	0	0	0	0	0	1	0	3	2	5	19	35	26	33	35	41	22	43
C61	Of Prostate	T	546	0	0	0	0	0	0	0	1	0	0	4	17	19	40	49	79	112	225	
		M	546	0	0	0	0	0	0	0	1	0	0	4	17	19	40	49	79	112	225	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C64- C65	Of Kidney and Renal Pelvis	T	217	0	0	0	0	0	0	0	0	0	4	10	22	21	30	25	35	24	46	
		M	146	0	0	0	0	0	0	0	0	0	4	8	14	16	22	19	22	18	23	
		F	71	0	0	0	0	0	0	0	0	0	0	2	8	5	8	6	13	6	23	

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revi- sion No.	Cause of Death and Sex		Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
C67	Of Bladder	T	238	0	0	0	0	0	0	0	0	1	0	2	5	7	18	22	27	40	44	72
		M	172	0	0	0	0	0	0	0	0	1	0	0	3	7	13	15	25	30	32	46
		F	66	0	0	0	0	0	0	0	0	0	0	2	2	0	5	7	2	10	12	26
C70- C72	Of Meninges, Brain and Other Parts of Central Nervous System	T	244	0	0	3	4	3	1	3	3	9	7	17	28	27	29	25	22	23	22	18
		M	122	0	0	1	2	1	1	1	3	6	2	12	13	14	12	15	8	14	10	7
		F	122	0	0	2	2	2	0	2	0	3	5	5	15	13	17	10	14	9	12	11
C81- C96	Of Lymphoid, Hematopoietic, and Related Tissue	T	1,062	0	3	0	1	4	4	8	3	8	8	17	31	60	77	107	141	146	204	240
		M	586	0	1	0	1	4	2	7	3	5	6	7	18	35	53	65	84	83	108	104
		F	476	0	2	0	0	0	2	1	0	3	2	10	13	25	24	42	57	63	96	136
C81	Hodgkin's Disease	T	16	0	0	0	0	0	1	0	0	0	1	3	1	2	1	1	2	1	2	1
		M	8	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	0	2	1
		F	8	0	0	0	0	0	1	0	0	0	1	2	0	0	1	1	1	1	0	0
C82- C85	Non-Hodgkin's Lymphoma	T	407	0	0	0	0	2	1	2	1	4	4	4	12	19	29	37	47	57	84	104
		M	224	0	0	0	0	2	1	2	1	3	4	2	7	12	18	21	28	35	43	45
		F	183	0	0	0	0	0	0	0	0	1	0	2	5	7	11	16	19	22	41	59
C91- C95	Leukemia	T	433	0	3	0	1	2	2	6	1	4	3	10	17	22	30	43	54	57	76	102
		M	259	0	1	0	1	2	1	5	1	2	2	4	9	11	24	32	33	34	45	52
		F	174	0	2	0	0	0	1	1	0	2	1	6	8	11	6	11	21	23	31	50
C88 C90	Multiple Myeloma and Immunoprolifer- ative Neoplasms	T	205	0	0	0	0	0	0	0	1	0	0	0	1	17	17	26	38	31	41	33
		M	94	0	0	0	0	0	0	0	1	0	0	0	1	10	11	12	22	14	17	6
		F	111	0	0	0	0	0	0	0	0	0	0	0	0	7	6	14	16	17	24	27
C96	Other Lymphoid, Hematopouetic, and Related Tissue	T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
		M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Re- sid- ual	Other Malignant Neoplasms	T	1,203	0	3	3	0	5	7	5	7	6	15	28	47	84	94	133	139	170	192	265
		M	585	0	1	3	0	2	4	4	4	5	3	12	27	45	46	68	84	80	97	100
		F	618	0	2	0	0	3	3	1	3	1	12	16	20	39	48	65	55	90	95	165

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revision No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M 18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F 19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
D00- D48	In Situ and Benign Neoplasms and Neoplasms of Uncertain Behavior	T 298	0	0	1	0	0	0	0	2	1	2	2	2	13	15	10	35	34	49	132
		M 147	0	0	1	0	0	0	0	0	0	1	1	1	6	6	9	19	20	27	56
		F 151	0	0	0	0	0	0	0	2	1	1	1	1	7	9	1	16	14	22	76
D50- D89	III. DISEASES OF THE BLOOD AND BLOOD- FORMING ORGANS	T 170	2	4	0	0	0	0	0	0	2	3	2	3	4	8	8	8	14	27	85
		M 68	1	2	0	0	0	0	0	0	2	1	2	3	2	4	5	5	4	10	27
		F 102	1	2	0	0	0	0	0	0	0	2	0	0	2	4	3	3	10	17	58
D50- D64	Anemias	T 105	1	0	0	0	0	0	0	0	0	2	0	1	1	2	5	1	8	16	68
		M 36	1	0	0	0	0	0	0	0	0	1	0	1	0	0	3	0	4	2	24
		F 69	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2	1	4	14	44
D65- D89	Other Diseases of the Blood and Blood-Forming Organs	T 65	1	4	0	0	0	0	0	2	1	2	2	3	6	3	7	6	11	17	
		M 32	0	2	0	0	0	0	0	2	0	2	2	2	4	2	5	0	8	3	
		F 33	1	2	0	0	0	0	0	0	0	1	0	0	1	2	1	2	6	3	14
E00- E90	IV. ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES AND IMMUNITY DISORDERS	T 1,459	7	1	3	1	1	4	7	8	15	21	25	65	90	103	114	140	152	228	474
		M 698	3	0	1	0	1	1	2	3	4	12	13	41	66	63	52	73	82	114	167
		F 761	4	1	2	1	0	3	5	5	11	9	12	24	24	40	62	67	70	114	307
E10- E14	Diabetes Mellitus	T 1,086	0	0	0	0	0	2	4	5	9	13	18	51	65	80	91	112	113	174	349
		M 520	0	0	0	0	0	1	1	2	2	7	7	31	46	46	43	59	58	84	133
		F 566	0	0	0	0	0	1	3	3	7	6	11	20	19	34	48	53	55	90	216
E40- E64	Nutritional Deficiencies	T 38	1	0	1	0	0	0	0	0	1	0	0	3	0	2	3	1	3	4	19
		M 13	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	1	2	2	5
		F 25	1	0	1	0	0	0	0	0	1	0	0	1	0	1	3	0	1	2	14
E40- E46	Malnutrition	T 29	1	0	1	0	0	0	0	0	1	0	0	2	0	1	3	1	2	4	13
		M 10	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2	4
		F 19	1	0	1	0	0	0	0	0	1	0	0	1	0	0	3	0	1	2	9
E50- E64	Other Nutritional Deficiencies	T 9	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	6
		M 3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
		F 6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5





Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M 18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F 19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
H60- H95	VIII. DISEASES OF THE EAR AND MASTOID PROCESS	T 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
I00- I99	IX. DISEASES OF THE CIRCULATORY SYSTEM	T 10,548	8	7	5	3	5	14	19	27	49	96	213	312	375	439	555	667	1,073	1,722	4,959
		M 5,058	6	5	5	1	4	7	11	17	33	64	145	215	273	308	358	400	627	871	1,708
		F 5,490	2	2	0	2	1	7	8	10	16	32	68	97	102	131	197	267	446	851	3,251
I00- I78	Major Cardiovascular Diseases	T 10,504	8	7	5	3	5	14	19	25	49	96	213	310	371	438	553	662	1,069	1,712	4,945
		M 5,036	6	5	5	1	4	7	11	16	33	64	145	215	270	307	357	396	625	867	1,702
		F 5,468	2	2	0	2	1	7	8	9	16	32	68	95	101	131	196	266	444	845	3,243
I00-I09, I11,I13, I20-I51	Diseases of the Heart	T 7,453	5	4	3	2	5	9	13	20	36	78	179	243	295	342	385	488	741	1,202	3,403
		M 3,835	3	3	3	1	4	5	6	14	24	54	123	174	226	252	267	311	454	647	1,264
		F 3,618	2	1	0	1	1	4	7	6	12	24	56	69	69	90	118	177	287	555	2,139
I00- I09	Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases	T 65	1	0	0	0	0	0	0	1	1	0	3	2	2	4	2	2	7	18	22
		M 19	1	0	0	0	0	0	0	0	1	0	1	0	1	1	1	2	2	6	3
		F 46	0	0	0	0	0	0	0	1	0	0	2	2	1	3	1	0	5	12	19
I11	Hypertensive Heart Disease	T 163	1	0	0	0	0	0	0	0	2	3	6	10	7	6	5	10	11	17	85
		M 68	0	0	0	0	0	0	0	0	2	1	5	7	7	5	3	7	8	8	15
		F 95	1	0	0	0	0	0	0	0	0	2	1	3	0	1	2	3	3	9	70
I13	Hypertensive Heart and Renal Disease	T 25	0	0	0	0	0	0	0	0	0	2	0	1	0	0	1	1	2	5	13
		M 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	4
		F 15	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	2	9
I20- I25	Ischemic Heart Diseases	T 4,163	0	0	1	0	0	3	5	7	20	43	120	179	226	234	251	323	443	667	1,641
		M 2,458	0	0	1	0	0	2	4	7	13	34	89	141	178	177	187	218	295	400	712
		F 1,705	0	0	0	0	0	1	1	0	7	9	31	38	48	57	64	105	148	267	929

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revision No.	Cause of Death and Sex		Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
I21- I22	Acute Myocardial Infarction	T	1,221	0	0	0	0	0	1	2	1	8	10	30	55	67	80	81	121	134	202	429
		M	709	0	0	0	0	0	1	2	1	3	8	24	47	53	56	53	83	85	112	181
		F	512	0	0	0	0	0	0	0	0	5	2	6	8	14	24	28	38	49	90	248
I24	Other Acute Ischemic Heart Diseases	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I20, I25	Other Chronic Ischemic Heart Disease	T	2,908	0	0	1	0	0	2	3	6	12	32	90	123	154	150	168	199	306	460	1,202
		M	1,728	0	0	1	0	0	1	2	6	10	25	65	93	120	118	132	134	209	284	528
		F	1,180	0	0	0	0	0	1	1	0	2	7	25	30	34	32	36	65	97	176	674
I25.0	Atherosclerotic Cardiovascular Disease	T	329	0	0	0	0	0	0	0	0	1	2	11	23	18	24	21	15	39	47	128
		M	199	0	0	0	0	0	0	0	0	1	2	9	19	16	21	17	8	26	25	55
		F	130	0	0	0	0	0	0	0	0	0	0	2	4	2	3	4	7	13	22	73
I20, I25.1-I25.9	Other Chronic Ischemic Heart	T	2,579	0	0	1	0	0	2	3	6	11	30	79	100	136	126	147	184	267	413	1,074
		M	1,529	0	0	1	0	0	1	2	6	9	23	56	74	104	97	115	126	183	259	473
		F	1,050	0	0	0	0	0	1	1	0	2	7	23	26	32	29	32	58	84	154	601
I26- I51	Other Heart Diseases	T	3,037	3	4	2	2	5	6	8	12	13	30	50	51	60	98	126	152	278	495	1,642
		M	1,280	2	3	2	1	4	3	2	7	8	19	28	26	40	69	75	84	147	230	530
		F	1,757	1	1	0	1	1	3	6	5	5	11	22	25	20	29	51	68	131	265	1,112
I33	Acute and Subacute Endocarditis	T	12	0	0	0	0	0	0	0	0	2	0	0	0	1	0	2	3	2	1	1
		M	9	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2	2	0	1
		F	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0
I30-I31, I40	Diseases of Pericardium and Acute Myocarditis	T	9	1	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	0	0	2
		M	6	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	1
		F	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
I50	Heart Failure	T	1,094	0	0	0	0	0	0	0	0	0	2	3	4	12	16	22	41	81	177	736
		M	418	0	0	0	0	0	0	0	0	0	2	3	2	7	10	11	22	46	86	229
		F	676	0	0	0	0	0	0	0	0	0	0	0	2	5	6	11	19	35	91	507

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revi- sion No.	Cause of Death and Sex		Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
I26-I28, I34-I38, I42-I49,I51	All Other Forms of Heart Disease	T	1,922	2	4	2	2	5	6	8	12	11	28	46	47	46	80	101	107	195	317	903
		M	847	2	3	2	1	4	3	2	7	7	17	24	24	31	58	61	59	99	144	299
		F	1,075	0	1	0	1	1	3	6	5	4	11	22	23	15	22	40	48	96	173	604
I10, I12	Essential Hypertension and Hypertensive Renal Disease	T	506	0	0	0	0	0	1	1	1	2	3	2	8	10	21	34	29	45	71	278
		M	208	0	0	0	0	0	1	1	1	1	2	1	6	9	17	19	15	28	32	75
		F	298	0	0	0	0	0	0	0	0	1	1	1	2	1	4	15	14	17	39	203
I60- I69	Cerebrovascular Diseases	T	2,087	2	3	2	1	0	2	4	4	9	11	25	43	49	51	101	104	232	364	1,080
		M	761	2	2	2	0	0	0	3	1	6	4	17	24	22	23	50	46	113	156	290
		F	1,326	0	1	0	1	0	2	1	3	3	7	8	19	27	28	51	58	119	208	790
I70	Atherosclerosis	T	55	0	0	0	0	0	0	0	0	0	0	1	1	1	4	2	4	10	6	26
		M	27	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	2	7	2	12
		F	28	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	3	4	14
I71- I78	Other Diseases of the Circulatory System	T	402	1	0	0	0	0	2	1	0	2	4	6	15	16	20	31	37	41	69	157
		M	205	1	0	0	0	0	1	1	0	2	4	3	11	13	13	20	22	23	30	61
		F	197	0	0	0	0	0	1	0	0	0	0	3	4	3	7	11	15	18	39	96
I71	Aortic Aneurysm and Dissection	T	255	1	0	0	0	0	1	1	0	2	3	5	10	12	15	24	26	30	47	78
		M	145	1	0	0	0	0	1	1	0	2	3	3	10	10	12	18	15	16	23	30
		F	110	0	0	0	0	0	0	0	0	0	0	2	0	2	3	6	11	14	24	48
I72- I78	Diseases of the Arteries, Arterioles, and Capillaries	T	147	0	0	0	0	0	1	0	0	0	1	1	5	4	5	7	11	11	22	79
		M	60	0	0	0	0	0	0	0	0	0	1	0	1	3	1	2	7	7	7	31
		F	87	0	0	0	0	0	1	0	0	0	0	1	4	1	4	5	4	4	15	48
I80- I99	Other Disorders of the Circulatory System	T	44	0	0	0	0	0	0	0	2	0	0	0	2	4	1	2	5	4	10	14
		M	22	0	0	0	0	0	0	0	1	0	0	0	0	3	1	1	4	2	4	6
		F	22	0	0	0	0	0	0	0	1	0	0	0	2	1	0	1	1	2	6	8
J00- J99	X. DISEASES OF THE RESPIRATORY SYSTEM	T	3,600	17	5	1	1	1	4	5	6	10	15	36	52	106	158	244	342	542	661	1,394
		M	1,758	11	4	0	1	1	3	3	5	4	7	20	25	54	92	124	173	292	356	583
		F	1,842	6	1	1	0	0	1	2	1	6	8	16	27	52	66	120	169	250	305	811

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revi- sion No.	Cause of Death and Sex		Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
J10- J18	Influenza and Pneumonia	T	745	6	1	1	0	0	2	1	2	4	5	13	16	13	13	16	36	74	102	440
		M	321	4	1	0	0	0	2	1	2	1	3	7	8	8	6	8	14	39	57	160
		F	424	2	0	1	0	0	0	0	0	3	2	6	8	5	7	8	22	35	45	280
J10- J11	Influenza	T	82	0	0	1	0	0	0	0	0	0	1	2	1	0	2	2	5	10	12	46
		M	32	0	0	0	0	0	0	0	0	0	1	1	1	0	2	1	2	3	8	13
		F	50	0	0	1	0	0	0	0	0	0	1	0	0	0	1	3	7	4	33	
J12- J18	Pneumonia	T	663	6	1	0	0	0	2	1	2	4	4	11	15	13	11	14	31	64	90	394
		M	289	4	1	0	0	0	2	1	2	1	2	6	7	8	4	7	12	36	49	147
		F	374	2	0	0	0	0	0	0	0	3	2	5	8	5	7	7	19	28	41	247
J20- J22	Other Acute Lower Respiratory Infections	T	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
		M	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1
J20- J21	Acute Bronchitis and Bronchiolitis	T	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
		M	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
J22	Unspecified Acute Lower Respiratory Infection	T	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
		M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
J40- J47	Chronic Lower Respiratory Diseases	T	2,071	4	0	0	0	0	2	3	4	4	5	13	21	70	109	186	227	370	423	630
		M	1,019	2	0	0	0	0	1	2	3	2	2	8	9	30	61	92	113	181	224	289
		F	1,052	2	0	0	0	0	1	1	1	2	3	5	12	40	48	94	114	189	199	341
J40- J42	Bronchitis, Chronic and Unspecified	T	17	3	0	0	0	0	1	0	1	0	1	0	1	1	2	1	0	0	1	5
		M	8	2	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	1	1	1
		F	9	1	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	4
J43	Emphysema	T	126	0	0	0	0	0	0	0	0	0	0	1	0	6	9	15	15	17	33	30
		M	76	0	0	0	0	0	0	0	0	0	0	1	0	5	7	8	9	14	17	15
		F	50	0	0	0	0	0	0	0	0	0	0	0	1	2	7	6	3	16	15	

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revi- sion No.	Cause of Death and Sex		Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
J45- J46	Asthma	T	52	1	0	0	0	0	1	3	2	3	1	2	1	2	2	2	4	4	7	17
		M	22	0	0	0	0	0	1	2	1	2	1	0	0	0	1	1	1	1	5	6
		F	30	1	0	0	0	0	0	1	1	1	0	2	1	2	1	1	3	3	2	11
J44, J47	Other Chronic Lower Respiratory Diseases	T	1,876	0	0	0	0	0	0	0	1	1	3	10	19	61	96	168	208	349	382	578
		M	913	0	0	0	0	0	0	0	1	0	1	7	9	25	51	82	103	166	201	267
		F	963	0	0	0	0	0	0	0	1	2	3	10	36	45	86	105	183	181	311	
J60- J66, J68	Pneumoconioses and Chemical Effects	T	18	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	5	7	2
		M	17	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	5	6	2
		F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
J69	Pneumonitis Due to Solids and Liquids	T	256	1	0	0	0	0	0	0	0	2	2	5	8	10	12	16	32	40	128	
		M	139	1	0	0	0	0	0	0	0	1	1	3	6	7	8	10	22	24	56	
		F	117	0	0	0	0	0	0	0	0	1	1	2	2	3	4	6	10	16	72	
Re- sid- ual	Other Disease of the Respiratory System	T	505	5	4	0	1	1	0	1	0	2	3	8	9	15	25	30	59	61	89	192
		M	260	3	3	0	1	1	0	0	1	1	1	4	4	10	17	16	34	45	45	75
		F	245	2	1	0	0	0	0	1	0	1	2	4	5	5	8	14	25	16	44	117
K00- K93	XI. DISEASES OF THE DIGESTIVE SYSTEM	T	1,347	6	4	3	0	4	6	5	8	20	38	76	101	109	82	88	91	138	163	405
		M	652	5	2	1	0	2	4	3	2	8	30	44	71	64	51	47	39	71	75	133
		F	695	1	2	2	0	2	2	2	6	12	8	32	30	45	31	41	52	67	88	272
K25- K28	Peptic Ulcer	T	44	0	0	0	0	0	0	0	0	0	0	1	2	4	0	2	5	5	12	13
		M	17	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	2	1	5	4
		F	27	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	3	4	7	9
K35- K38	Diseases of the Appendix	T	10	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	4
		M	7	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1
		F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
K40- K46	Hernia	T	34	0	0	0	0	0	0	0	1	0	0	0	0	1	2	1	2	3	5	19
		M	15	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	2	4	5
		F	19	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	14

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revision No.			Cause of Death and Sex	Total	Under	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	
		Year			to 4	to 9	to 14	to 19	to 24	to 29	to 34	to 39	to 44	to 49	to 54	to 59	to 64	to 69	to 74	to 79	to 84	and Over		
			ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
				M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
				F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
K70, K73-K74	Chronic Liver Disease and Cirrhosis			T	378	0	0	0	0	0	1	2	3	12	22	50	58	56	46	28	31	33	21	15
				M	231	0	0	0	0	0	0	1	1	3	16	30	41	35	32	17	15	21	11	8
				F	147	0	0	0	0	0	1	1	2	9	6	20	17	21	14	11	16	12	10	7
K70	Alcoholic Liver Disease			T	209	0	0	0	0	0	1	1	3	12	19	37	36	34	29	11	11	9	6	0
				M	135	0	0	0	0	0	0	1	1	3	13	23	26	20	23	7	8	6	4	0
				F	74	0	0	0	0	0	1	0	2	9	6	14	10	14	6	4	3	3	2	0
K73-K74	Other Chronic Liver Disease and Cirrhosis			T	169	0	0	0	0	0	0	1	0	0	3	13	22	22	17	17	20	24	15	15
				M	96	0	0	0	0	0	0	0	0	0	3	7	15	15	9	10	7	15	7	8
				F	73	0	0	0	0	0	0	1	0	0	0	6	7	7	8	7	13	9	8	7
K80-K82	Cholelithiasis and Other Disorders of Gallbladder and Biliary Tract			T	61	0	0	0	0	0	0	0	0	1	1	1	1	3	1	3	2	5	9	34
				M	30	0	0	0	0	0	0	0	0	1	1	1	1	3	0	3	2	4	3	11
				F	31	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	23
Residual	Other Disease of the Digestive System			T	820	6	3	3	0	4	5	3	4	7	15	24	39	44	33	53	51	91	115	320
				M	352	5	1	1	0	2	4	2	0	4	13	12	26	24	17	25	19	42	51	104
				F	1	2	2	0	2	1	1	4	3	2	12	13	20	16	28	32	49	64	216	0
L00-L99	XII.	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE		T	68	0	0	1	0	0	0	0	1	0	1	5	3	2	2	4	6	7	8	28
				M	25	0	0	0	0	0	0	0	0	0	1	1	2	1	3	2	5	3	7	
				F	43	0	0	1	0	0	0	0	1	0	1	4	2	0	1	1	4	2	5	21
M00-M99	XIII.	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE		T	274	1	0	0	0	1	2	2	0	0	5	8	4	8	16	27	20	24	51	105
				M	68	0	0	0	0	0	0	1	0	0	2	1	1	3	5	7	4	6	13	25
				F	206	1	0	0	0	1	2	1	0	0	3	7	3	5	11	20	16	18	38	80
N00-N99	XIV.	DISEASES OF THE GENITOURINARY SYSTEM		T	992	3	1	0	0	0	0	0	2	2	4	14	13	16	42	41	60	129	174	491
				M	447	1	1	0	0	0	0	0	1	1	2	12	8	6	24	19	35	60	88	189
				F	545	2	0	0	0	0	0	0	1	1	2	2	5	10	18	22	25	69	86	302
N00-N07, N17-N19, N25-N27	Nephritis, Nephrotic Syndrome and Nephrosis			T	814	2	1	0	0	0	0	0	1	2	2	12	12	12	35	32	52	114	144	393
				M	388	1	1	0	0	0	0	0	1	1	2	11	8	6	23	16	31	54	78	155
				F	426	1	0	0	0	0	0	0	0	1	0	1	4	6	12	16	21	60	66	238



Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revision No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
O00- O07	Pregnancy with Abortive Outcome	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O10- O99	Other Complications of Pregnancy	T	6	0	0	0	0	0	1	0	3	2	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	6	0	0	0	0	0	1	0	3	2	0	0	0	0	0	0	0	0	0	0
O08	Other Complications of Pregnancy, Childbirth, and the Puerperium	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P00- P96	XVI. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	T	201	196	0	2	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
		M	114	111	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	87	85	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Q00- Q99	XVII. CONGENITAL MALFORMATIONS, DEFORMATIONS, AND CHROMOSOMAL ABNORMALITIES	T	198	107	11	0	3	3	4	1	2	4	5	2	16	12	10	4	3	5	2	4
		M	109	61	6	0	2	3	1	1	0	1	3	1	10	5	8	2	1	2	1	1
		F	89	46	5	0	1	0	3	0	2	3	2	1	6	7	2	2	2	3	1	3
R00- R99	XVIII. SYMPTOMS, SIGNS, AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	T	1,356	47	0	0	1	0	1	1	4	1	6	11	19	18	49	55	80	93	153	817
		M	524	34	0	0	1	0	1	1	3	1	4	8	10	11	33	33	46	55	64	219
		F	832	13	0	0	0	0	0	0	1	0	2	3	9	7	16	22	34	38	89	598
V01- Y98	XX. EXTERNAL CAUSES	T	2,883	30	33	14	20	97	175	174	141	160	202	230	198	174	136	81	108	135	211	564
		M	1,836	21	21	8	18	73	132	138	112	120	145	161	136	130	100	56	75	68	112	210
		F	1,047	9	12	6	2	24	43	36	29	40	57	69	62	44	36	25	33	67	99	354
V01- X59, Y85-Y86	Accidents	T	2,002	29	26	12	11	54	90	101	76	83	113	131	110	111	84	63	88	111	189	520
		M	1,166	20	15	6	11	36	61	79	56	61	77	96	69	82	61	42	61	53	95	185
		F	836	9	11	6	0	18	29	22	20	22	36	35	41	29	23	21	27	58	94	335



Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revision No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M 18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F 19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
V01- V99, Y85	Transport Accidents	T 563	3	8	8	8	37	62	59	39	33	41	45	38	40	34	21	25	16	13	33
		M 396	1	4	5	8	23	37	47	29	25	30	33	26	29	25	15	18	10	9	22
		F 167	2	4	3	0	14	25	12	10	8	11	12	12	11	9	6	7	6	4	11
*	Motor Vehicle Accidents	T 524	3	8	8	8	34	59	56	38	30	37	41	32	36	32	20	21	16	12	33
		M 361	1	4	5	8	20	35	44	28	22	27	29	21	26	23	14	14	10	8	22
		F 163	2	4	3	0	14	24	12	10	8	10	12	11	10	9	6	7	6	4	11
**	Other Land Transport Accidents	T 13	0	0	0	0	1	2	2	0	0	2	2	1	2	1	0	0	0	0	0
		M 10	0	0	0	0	1	1	2	0	0	2	2	0	1	1	0	0	0	0	0
		F 3	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
V90- V99, Y85	Water, Air, Space, and Other Unspecified Transport Accidents	T 26	0	0	0	0	2	1	1	1	3	2	2	5	2	1	1	4	0	1	0
		M 25	0	0	0	0	2	1	1	1	3	1	2	5	2	1	1	4	0	1	0
		F 1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
W00- X59, Y86	Non-Transport Accidents	T 1,439	26	18	4	3	17	28	42	37	50	72	86	72	71	50	42	63	95	176	487
		M 770	7	19	11	1	3	13	24	32	27	36	47	63	43	53	36	27	43	43	86
		F 669	7	7	3	0	4	4	10	10	14	25	23	29	18	14	15	20	52	90	324
W00- W19	Falls	T 701	0	3	0	0	0	2	2	0	4	6	6	11	21	21	24	41	69	135	356
		M 314	0	1	0	0	0	1	0	0	3	6	4	7	18	14	17	29	30	66	118
		F 387	0	2	0	0	0	1	2	0	1	0	2	4	3	7	7	12	39	69	238
W32- W34	Accidental Discharge of Firearms	T 3	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0
		M 3	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W65- W74	Accidental Drowning and Submersion	T 43	1	5	2	1	5	0	5	0	3	4	1	2	3	3	2	0	3	1	2
		M 33	1	4	0	1	4	0	3	0	2	3	1	2	3	2	1	0	3	1	2
		F 10	0	1	2	0	1	0	2	0	1	1	0	0	0	1	1	0	0	0	0

\* V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2

\*\* V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revision No.	Cause of Death and Sex		Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
X00- X09	Accidental Exposure to Smoke, Fire, and Flames	T	35	0	2	0	0	0	0	2	1	1	2	2	3	2	3	1	3	2	5	6
		M	23	0	1	0	0	0	0	1	1	1	1	2	2	1	3	1	2	1	4	2
		F	12	0	1	0	0	0	0	1	0	0	1	0	1	1	0	0	1	1	1	4
X40- X49	Accidental Poisoning and Exposure to Noxious Substances	T	333	0	1	0	2	8	21	28	31	34	51	59	46	30	7	4	7	0	1	3
		M	220	0	0	0	2	6	18	23	21	23	28	42	23	19	6	2	5	0	0	2
		F	113	0	1	0	0	2	3	5	10	11	23	17	23	11	1	2	2	0	1	1
Re- sid- ual	Other Non-Transport Accidents and Their Sequelae	T	324	25	7	2	0	4	5	4	5	8	9	18	9	14	16	11	12	21	34	120
		M	177	18	5	1	0	3	5	4	5	7	9	14	8	11	11	6	7	9	15	39
		F	147	7	2	1	0	1	0	0	0	1	0	4	1	3	5	5	5	12	19	81
X60- X84, Y87.0	Intentional Self-Harm (Suicide)	T	593	0	0	0	5	25	60	45	42	55	66	74	64	46	38	12	14	13	15	19
		M	488	0	0	0	4	22	50	40	37	46	52	52	54	38	29	11	12	11	14	16
		F	105	0	0	0	1	3	10	5	5	9	14	22	10	8	9	1	2	2	1	3
X72- X74	By Discharge of Firearms	T	287	0	0	0	0	11	29	20	17	32	30	26	32	22	20	8	10	10	9	11
		M	261	0	0	0	0	11	26	19	15	28	26	22	28	22	19	8	9	9	9	10
		F	26	0	0	0	0	0	3	1	2	4	4	4	4	0	1	0	1	1	0	1
X60-X71, X75-X84, Y87.0	By Other and Unspecified Means and Their Sequelae	T	306	0	0	0	5	14	31	25	25	23	36	48	32	24	18	4	4	3	6	8
		M	227	0	0	0	4	11	24	21	22	18	26	30	26	16	10	3	3	2	5	6
		F	79	0	0	0	1	3	7	4	3	5	10	18	6	8	8	1	1	1	1	2
X85- Y09, Y87.1	Assault (Homicide)	T	128	1	6	1	4	15	16	18	15	13	13	9	4	5	3	0	2	1	0	2
		M	96	1	5	1	3	12	16	13	13	8	9	6	3	2	3	0	0	0	0	1
		F	32	0	1	0	1	3	0	5	2	5	4	3	1	3	0	0	2	1	0	1
X93- X95	By Discharge of Firearms	T	71	0	1	1	2	13	13	13	8	5	3	3	2	3	2	0	1	0	0	1
		M	58	0	1	1	1	11	13	10	7	5	1	2	2	1	2	0	0	0	0	1
		F	13	0	0	0	1	2	0	3	1	0	2	1	0	2	0	0	1	0	0	0
X85-X92, X96-Y09, Y87.1	By Other and Unspecified Means and Their Sequelae	T	57	1	5	0	2	2	3	5	7	8	10	6	2	2	1	0	1	1	0	1
		M	38	1	4	0	2	1	3	3	6	3	8	4	1	1	1	0	0	0	0	0
		F	19	0	1	0	0	1	0	2	1	5	2	2	1	1	0	0	1	1	0	1

Mortality Table 2  
DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX  
MINNESOTA RESIDENTS, 2008

10th Revi- sion No.	Cause of Death and Sex		Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	38,431	433	80	41	45	132	244	254	246	347	562	983	1,395	1,777	2,081	2,489	3,029	4,229	5,733	14,331
		M	18,511	260	44	23	33	95	170	187	169	214	340	592	837	1,089	1,249	1,386	1,679	2,256	2,858	5,030
		F	19,920	173	36	18	12	37	74	67	77	133	222	391	558	688	832	1,103	1,350	1,973	2,875	9,301
Y35, Y89.0	Legal Intervention	T	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		M	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y10- Y34, Y87.2,Y89.9	Events of Undetermined Intent	T	101	0	1	0	0	3	9	8	8	9	10	12	16	7	7	3	1	2	1	4
		M	55	0	1	0	0	3	5	5	6	5	7	5	7	3	3	1	0	2	1	1
		F	46	0	0	0	0	0	4	3	2	4	3	7	9	4	4	2	1	0	0	3
Y22- Y24	By Discharge of Firearms	T	7	0	0	0	0	1	1	1	0	0	1	0	1	2	0	0	0	0	0	0
		M	6	0	0	0	0	1	1	0	0	0	1	0	1	2	0	0	0	0	0	0
		F	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Y10-Y21, Y25-Y34, Y87.2,Y89.9	By Other and Unspecified Means and Their Sequelae	T	94	0	1	0	0	2	8	7	8	9	9	12	15	5	7	3	1	2	1	4
		M	49	0	1	0	0	2	4	5	6	5	6	5	6	1	3	1	0	2	1	1
		F	45	0	0	0	0	0	4	2	2	4	3	7	9	4	4	2	1	0	0	3
Y36, Y89.1	Operations of War and Their Sequelae	T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
		M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y40- Y84, Y88	Complications of Medical and Surgical Care	T	57	0	0	1	0	0	0	1	0	0	0	4	4	5	3	3	3	8	6	19
		M	29	0	0	1	0	0	0	0	0	0	0	2	3	5	3	2	2	2	2	7
		F	28	0	0	0	0	0	0	1	0	0	0	2	1	0	0	1	1	6	4	12

Mortality Table 3  
DEATHS DUE TO SELECTED CAUSES BY RACE  
MINNESOTA RESIDENTS, 2008

	Total	White	African American	American Indian	Asian and Pacific Islander	Other/Unknown	*Hispanic
Total - All Causes	38,431	36,379	1,021	387	405	239	329
Tuberculosis	4	1	0	0	3	0	0
Syphilis	1	1	0	0	0	0	0
HIV Disease	39	24	13	0	1	1	2
Malignant Neoplasms	9,439	8,959	238	79	114	49	64
Stomach	156	139	6	0	9	2	3
Colon, Rectum and Anus	851	802	27	11	8	3	5
Pancreas	592	569	15	3	5	0	3
Trachea, Bronchus, Lung	2,426	2,318	53	27	18	10	11
Breast	679	649	16	1	9	4	7
Cervix, Uterus, Ovary	441	410	13	6	9	3	3
Prostate	546	534	8	3	1	0	1
Urinary Tract	465	449	6	5	4	1	3
Non-Hodgkins Lymphoma	407	392	3	2	7	3	4
Leukemia	433	411	8	3	7	4	3
Other Malignancies	2,443	2,286	83	18	37	19	18
Diabetes Mellitus	1,086	993	39	28	19	7	18
Alzheimer's Disease	1,344	1,320	12	6	4	2	4
Major Cardiovascular	10,504	10,071	205	82	97	49	53
Diseases of Heart	7,453	7,175	128	65	52	33	33
Hypertensive	188	181	6	1	0	0	0
Ischemic	4,163	4,014	62	36	29	22	21
Other	3,102	2,980	60	28	23	11	12
Essential Hypertension & Hypertensive Renal	506	470	22	4	10	0	2
Cerebrovascular	2,087	1,983	47	9	34	14	17
Atherosclerosis	55	54	0	1	0	0	0
Other Circulatory	402	388	8	3	1	2	1
Influenza & Pneumonia	745	717	7	14	5	2	8
Chronic Lower Respiratory Diseases	2,071	2,008	32	19	8	4	13
Peptic Ulcer	44	43	0	1	0	0	0
Chronic Liver Disease and Cirrhosis	378	326	19	22	1	10	12
Nephritis, Nephrotic Syndrome and Nephrosis	814	762	29	7	13	3	7
Pregnancy/Childbirth	6	2	2	0	0	2	0
Perinatal Conditions	201	125	52	2	13	9	11
Congenital Anomalies	198	154	24	6	5	9	14
Sudden Infant Death	41	28	7	3	1	2	3
Ill-Defined Conditions	1,315	1,270	25	5	13	2	5
All Other Diseases	7,318	7,001	160	51	73	33	52
Motor Vehicle Accidents	524	452	28	14	12	18	19
All Other Accidents	1,478	1,371	45	31	11	20	24
Intentional Self-Harm (Suicide)	593	542	24	10	10	7	6
Assault (Homicide)	128	66	47	5	1	9	11
Other External Causes	160	143	13	2	1	1	3

\*Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.

Mortality Table 4.1

U.S. Fifteen Leading Causes of Death\*, Death Rates per 100,000 Population,  
and Percent of Total Deaths, Minnesota Residents, 2008

Cause of Death	Number of Deaths	Death Rates	Percent of Total
Diseases of the Heart (I00-I09,I11,I13,I20-I51)	7,453	142.8	19.4
Malignant Neoplasms (C00-C97)	9,439	180.8	24.6
Cerebrovascular Diseases (I60-I69)	2,087	40.0	5.4
Chronic Lower Respiratory Diseases (J40-J47)	2,071	39.7	5.4
Accidents (V01-X59,Y85-Y86)	2,002	38.3	5.2
Motor Vehicle (***)	524	10.0	1.4
Falls (W00-W19)	701	13.4	1.8
Alzheimer's Disease (G30)	1,344	25.7	3.5
Diabetes Mellitus (E10-E14)	1,086	20.8	2.8
Influenza and Pneumonia (J10-J18)	745	14.3	1.9
Influenza (J10-J11)	82	1.6	0.2
Pneumonia (J12-J18)	663	12.7	1.7
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07,N17-N19,N25-N27)	814	15.6	2.1
Septicemia (A40-A41)	318	6.1	0.8
Intentional Self-harm (suicide) (X60-X84,Y87.0)	593	11.4	1.5
Chronic Liver Disease and Cirrhosis (K70,K73-K74)	378	7.2	1.0
Essential Hypertension and Hypertensive Renal Disease (I10,I12)	506	9.7	1.3
Parkinson's Disease (G20-G21)	466	8.9	1.2
Assault (homicide) (X85-Y09,Y87.1)	128	2.5	0.3
All Other Causes	9,001	172.4	23.4
Total - All Causes	38,431	736.2	100.0

\*These are the 15 leading causes of death in the U.S., per 2007 preliminary data, with causes listed in descending order as they occur nation-wide. Counts are for Minnesota residents.

\*\*\*Motor Vehicle cause codes: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2

Mortality Table 4.2

MN Fifteen Leading Causes of Death\*, Death Rates per 100,000 Population,  
and Percent of Total Deaths, Minnesota Residents, 2008

Cause of Death	Number of Deaths	Death Rates	Percent of Total
Malignant Neoplasms (C00-C97)	9,439	180.8	24.6
Diseases of the Heart (I00-I09,I11,I13,I20-I51)	7,453	142.8	19.4
Cerebrovascular Diseases (I60-I69)	2,087	40.0	5.4
Chronic Lower Respiratory Diseases (J40-J47)	2,071	39.7	5.4
Accidents (V01-X59,Y85-Y86)	2,002	38.3	5.2
Motor Vehicle (***)	524	10.0	1.4
Falls (W00-W19)	701	13.4	1.8
Alzheimer's Disease (G30)	1,344	25.7	3.5
Diabetes Mellitus (E10-E14)	1,086	20.8	2.8
Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07,N17-N19,N25-N27)	814	15.6	2.1
Influenza and Pneumonia (J10-J18)	745	14.3	1.9
Influenza (J10-J11)	82	1.6	0.2
Pneumonia (J12-J18)	663	12.7	1.7
Intentional Self-harm (suicide) (X60-X84,Y87.0)	593	11.4	1.5
Essential Hypertension and Hypertensive Renal Disease (I10,I12)	506	9.7	1.3
Parkinson's Disease (G20-G21)	466	8.9	1.2
Chronic Liver Disease and Cirrhosis (K70,K73-K74)	378	7.2	1.0
Septicemia (A40-A41)	318	6.1	0.8
In Situ and Benign Neoplasms (D00-D48)	298	5.7	0.8
All Other Causes	8,831	169.2	23.0
Total - All Causes	38,431	736.2	100.0

\*These are the 15 leading causes of death for residents of Minnesota listed in descending order of prevalence.

\*\*\*Motor Vehicle cause codes: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2

Mortality Table 5  
LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS  
MINNESOTA RESIDENTS, 2008

	Age/Cause Specific			Age/Cause Specific			
	No. of Deaths	Percent	Death Rate Per 100,000 Population	No. of Deaths	Percent	Death Rate Per 100,000 Population	
<u>1-4 Years</u>				<u>35-49 Years</u>			
Total - all causes	80	100.0	28.0	Total - all causes	1,892	100.0	165.6
Accidents	26	32.5	9.1	Malignant Neoplasms	464	24.5	40.6
Motor Vehicle	8	10.0	2.8	Accidents	327	17.3	28.6
Congenital Anomalies	11	13.8	3.8	Motor Vehicle	108	5.7	9.5
Malignant Neoplasms	7	8.8	2.4	Diseases of the Heart	293	15.5	25.6
Assault (Homicide)	6	7.5	2.1	Intentional Self-Harm	195	10.3	17.1
				Liver Disease, Cirrhosis	84	4.4	7.4
<u>5-9 Years</u>				<u>50-64 Years</u>			
Total - all causes	41	100.0	12.2	Total - all causes	5,253	100.0	542.1
Accidents	12	48.0	3.6	Malignant Neoplasms	2,062	39.3	212.8
Motor Vehicle	8	19.5	2.4	Diseases of the Heart	880	16.8	90.8
Malignant Neoplasms	7	17.1	2.1	Accidents	305	5.8	31.5
Diseases of the Heart	3	7.3	0.9	Motor Vehicle	100	1.9	10.3
				Chronic Lower			
				Respiratory Diseases	200	3.8	20.6
				Diabetes Mellitus	196	3.7	20.2
				Liver Disease, Cirrhosis	160	3.0	16.5
<u>10-14 Years</u>				<u>65-74 Years</u>			
Total - all causes	45	100.0	13.2	Total - all causes	5,518	100.0	1,671.0
Accidents	11	24.4	3.2	Malignant Neoplasms	2,247	40.7	680.5
Motor Vehicle	8	17.8	2.3	Diseases of the Heart	873	15.8	264.4
Malignant Neoplasms	5	11.1	1.5	Chronic Lower			
Intentional Self-Harm	5	11.1	1.5	Respiratory Diseases	413	7.5	125.1
Assault (Homicide)	4	8.9	1.2	Cerebrovascular Diseases	205	3.7	62.1
				Diabetes Mellitus	203	3.7	61.5
				Accidents	151	2.7	45.7
				Motor Vehicle	41	0.7	12.4
				Falls	65	1.2	19.7
<u>15-19 Years</u>				<u>75 Years and Over</u>			
Total - all causes	132	100.0	36.0	Total - all causes	24,293	100.0	7,584.3
Accidents	54	40.9	14.7	Diseases of the Heart	5,346	22.0	1,669.0
Motor Vehicle	34	25.8	9.3	Malignant Neoplasms	4,564	18.8	1,424.9
Intentional Self-Harm	25	18.9	6.8	Cerebrovascular Diseases	1,676	6.9	523.3
Assault (Homicide)	15	11.4	4.1	Chronic Lower			
Malignant Neoplasms	12	9.1	3.3	Respiratory Diseases	1,423	5.9	444.3
				Alzheimer's Disease	1,255	5.2	391.8
				Accidents	820	3.4	256.0
				Falls	560	2.3	174.8
<u>20-34 Years</u>							
Total - all causes	744	100.0	70.5				
Accidents	267	35.9	25.3				
Motor Vehicle	153	20.6	14.5				
Intentional Self-Harm	147	19.8	13.9				
Malignant Neoplasms	71	9.5	6.7				
Assault (Homicide)	49	6.6	4.6				
Diseases of the Heart	42	5.6	4.0				

Mortality Table 6  
DEATHS DUE TO HIV INFECTION  
MINNESOTA RESIDENTS, 2008

Cause of Death	Age Group											
	Total	<20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
Deaths Due to HIV Infection as Underlying Cause												
HIV Infection With Specified Secondary Infections	10	0	0	2	0	0	1	3	0	2	2	0
HIV Infection With Specified Secondary Malignant Neoplasms	6	0	0	0	0	0	1	0	2	1	0	2
HIV Infection With Other Specified Diseases	8	0	0	0	0	1	2	0	2	3	0	0
HIV Infection With Other Specified Conditions	6	0	0	0	1	0	0	2	1	0	1	1
Unspecified HIV Disease	9	0	0	2	0	1	1	1	2	1	0	1
Total ALL HIV Infection as Underlying Cause	39	0	0	4	1	2	5	6	7	7	3	4
HIV Infection Mentioned as Contributing Factor for Deaths Due to Other Underlying Causes												
Malignant Neoplasms	6	0	0	0	0	0	0	2	2	1	0	1
In-Situ and Benign Neoplasms	1	0	0	0	0	0	0	0	0	0	0	1
Diseases of the Heart	4	0	0	0	0	0	1	1	0	0	1	1
Disease of the Liver	1	0	0	0	0	0	0	0	0	1	0	0
Accidental Deaths	1	0	0	0	0	1	0	0	0	0	0	0
Total Other Underlying Causes of Death With HIV indicated as a Contributing Factor	13	0	0	0	0	1	1	3	2	2	1	3
Total Deaths With Any Mention of HIV Infection	52	0	0	4	1	3	6	9	9	9	4	7



Mortality Table 7  
DEATHS OCCURRING IN MINNESOTA BY CAUSE AND AUTOPSY STATUS  
2008

Cause of Death	Total Deaths	Autopsy Status					
		Number			Percent		
		Performed	Not Performed	Not Stated	Performed	Not Performed	Not Stated
Total - All Causes	38,604	3,743	34,687	174	9.7	89.9	0.5
I. Infectious and parasitic diseases	656	58	594	4	8.8	90.5	0.6
II. Neoplasms	9,827	195	9,581	51	2.0	97.5	0.5
III. Diseases of the blood and blood-forming organs and immunity disorders	172	12	158	2	7.0	91.9	1.2
IV. Endocrine, nutritional, and metabolic diseases	1,473	87	1,380	6	5.9	93.7	0.4
V. Mental and behavioral disorders	2,466	75	2,382	9	3.0	96.6	0.4
VI. Diseases of the nervous system	2,493	70	2,409	14	2.8	96.6	0.6
VII. Diseases of the eye and adnexa	2	0	2	0	0.0	100.0	0.0
VIII. Diseases of the ear and mastoid process	1	0	1	0	0.0	100.0	0.0
IX. Diseases of the circulatory system	10,522	1,014	9,466	42	9.6	90.0	0.4
X. Diseases of the respiratory system	3,594	142	3,437	15	4.0	95.6	0.4
XI. Diseases of the digestive system	1,376	162	1,207	7	11.8	87.7	0.5
XII. Diseases of the skin and subcutaneous tissue	68	8	59	1	11.8	86.8	1.5
XIII. Diseases of the musculoskeletal system and connective tissue	277	11	266	0	4.0	96.0	0.0
XIV. Diseases of the genitourinary system	984	23	955	6	2.3	97.1	0.6
XV. Pregnancy, childbirth, and the puerperium	5	4	1	0	80.0	20.0	0.0
XVI. Certain conditions originating in the perinatal period	209	33	172	4	15.8	82.3	1.9
XVII. Congenital malformations, deformations, and chromosomal abnormalities	212	61	148	3	28.8	69.8	1.4
XVIII. Symptoms, signs, and abnormal laboratory findings	1,360	93	1,261	6	6.8	92.7	0.4
XX. External causes of mortality	2,907	1,695	1,208	4	58.3	41.6	0.1

Chapter XIX: Injury, Poisoning, and other consequences of external causes; is not used for Underlying Cause of Death.

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*							
	Total	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth
DEATHS - Total	38,431	201	1,611	330	336	309	83	445
Crude Death Rate	7.4	12.8	4.9	10.3	7.7	7.7	15.5	7.4
SEX: Male	18,511	100	850	161	181	146	39	210
Female	19,920	101	761	169	155	163	44	235
Race: White	36,379	196	1,549	316	261	307	82	440
African American	1,021	0	26	0	1	1	0	2
American Indian	387	4	8	13	73	0	1	0
Asian/Pacific Islander	405	0	18	0	0	0	0	0
Other/Unknown	239	1	10	1	1	1	0	3
Hispanic Ethnicity	329	0	13	0	0	1	1	5
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	1	0	1	0	0	0
Malignant Neoplasms	9,439	44	471	82	80	69	20	112
Stomach	156	0	6	2	1	1	0	0
Colon, Rectum, Anus	851	3	55	6	7	4	3	11
Pancreas	592	3	26	9	4	5	0	5
Trachea, Bronchus, Lung	2,426	13	146	21	24	18	5	30
Breast	679	6	24	2	2	5	2	6
Cervix, Uterus, Ovary	441	0	17	3	4	5	1	7
Prostate	546	4	11	6	3	2	3	7
Urinary Tract	465	1	19	8	7	7	1	6
Non-Hodgkins Lymphoma	407	1	24	4	2	4	0	8
Leukemia	433	2	27	3	5	0	2	7
Other Malignancies	2,443	11	116	18	21	18	3	25
Diabetes mellitus	1,086	6	45	10	6	12	0	18
Alzheimer's Disease	1,344	26	29	10	13	13	3	10
Major Cardiovascular	10,504	55	385	84	97	97	29	118
Diseases of Heart	7,453	48	276	59	69	78	18	83
Hypertensive	188	2	3	1	0	1	0	1
Ischemic	4,163	29	156	37	41	53	9	42
Other	3,102	17	117	21	28	24	9	40
Essential Hypertension & Hypertensive Renal Disease	506	0	24	2	6	1	1	4
Cerebrovascular	2,087	6	72	18	17	17	8	23
Atherosclerosis	55	0	2	0	0	0	0	1
Other Circulatory	402	1	11	5	5	1	2	7
Influenza & Pneumonia	745	3	20	5	10	6	3	10
Chronic Lower Respiratory	2,071	12	85	22	17	19	3	24
Peptic Ulcer	44	0	0	0	0	0	0	1
Chronic Liver Disease and Cirrhosis	378	1	17	3	4	2	0	3
Nephritis, Nephrotic Syndrome, and Nephrosis	814	2	32	10	8	8	1	7
Pregnancy, Childbirth, Puerperium	6	0	1	0	0	0	0	0
Perinatal Conditions	201	0	15	1	0	0	0	0
Congenital Anomalies	198	0	14	2	2	2	0	0
Sudden Infant Death	41	0	2	0	1	1	0	0
Ill-Defined Conditions	1,315	6	107	23	21	1	0	26
All Other Diseases	7,318	29	246	50	51	56	18	99
Motor Vehicle Accidents	524	8	19	9	9	4	1	7
Falls	701	1	32	6	2	5	2	1
All Other Accidents	777	4	35	9	7	7	0	6
Intentional Self-Harm (Suicide)	593	3	36	2	5	6	3	2
Assault (Homicide)	128	1	9	0	2	0	0	0
All Other External Causes	160	0	10	2	0	1	0	1

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*							
	Total	Brown	Carlton	Carver	Cass	Chippewa	Chisago	Clay
DEATHS - Total	38,431	295	346	419	293	137	321	381
Crude Death Rate	7.4	11.4	10.2	4.7	10.2	11.0	6.4	6.8
SEX: Male	18,511	140	154	195	162	58	156	166
Female	19,920	155	192	224	131	79	165	215
Race: White	36,379	293	334	405	260	137	318	368
African American	1,021	0	0	3	0	0	0	3
American Indian	387	0	12	2	33	0	0	2
Asian/Pacific Islander	405	1	0	5	0	0	3	1
Other/Unknown	239	1	0	4	0	0	0	7
Hispanic Ethnicity	329	2	0	4	0	0	0	8
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	0	0	1
Malignant Neoplasms	9,439	69	74	106	69	25	76	74
Stomach	156	0	0	1	1	1	3	2
Colon, Rectum, Anus	851	11	6	8	8	1	3	3
Pancreas	592	4	6	14	6	0	5	5
Trachea, Bronchus, Lung	2,426	14	25	19	24	5	27	28
Breast	679	5	4	11	3	3	5	7
Cervix, Uterus, Ovary	441	2	3	4	1	1	3	0
Prostate	546	4	4	9	4	2	6	3
Urinary Tract	465	4	2	3	6	1	3	4
Non-Hodgkins Lymphoma	407	1	2	4	2	3	3	1
Leukemia	433	3	5	4	3	2	3	3
Other Malignancies	2,443	21	17	29	11	6	15	18
Diabetes mellitus	1,086	16	18	9	5	2	7	11
Alzheimer's Disease	1,344	11	10	8	7	3	18	14
Major Cardiovascular	10,504	78	107	115	89	48	83	114
Diseases of Heart	7,453	53	76	90	68	35	59	88
Hypertensive	188	4	3	0	1	0	2	5
Ischemic	4,163	26	38	54	39	18	27	52
Other	3,102	23	35	36	28	17	30	31
Essential Hypertension & Hypertensive Renal Disease	506	4	4	7	0	0	3	2
Cerebrovascular	2,087	18	16	16	18	12	19	21
Atherosclerosis	55	0	6	0	0	0	0	1
Other Circulatory	402	3	5	2	3	1	2	2
Influenza & Pneumonia	745	5	3	9	4	5	4	9
Chronic Lower Respiratory	2,071	10	29	18	20	14	18	20
Peptic Ulcer	44	1	0	1	0	1	1	0
Chronic Liver Disease and Cirrhosis	378	1	0	2	5	0	3	1
Nephritis, Nephrotic Syndrome, and Nephrosis	814	7	9	7	5	2	8	8
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	0	0
Perinatal Conditions	201	1	1	2	0	0	1	3
Congenital Anomalies	198	2	1	3	1	2	2	5
Sudden Infant Death	41	0	1	1	0	0	0	1
Ill-Defined Conditions	1,315	20	3	10	32	2	2	8
All Other Diseases	7,318	54	63	89	28	26	65	82
Motor Vehicle Accidents	524	5	2	13	6	2	4	6
Falls	701	8	5	8	7	1	8	5
All Other Accidents	777	5	14	7	9	2	7	12
Intentional Self-Harm (Suicide)	593	2	6	5	5	0	10	6
Assault (Homicide)	128	0	0	3	0	1	0	0
All Other External Causes	160	0	0	3	1	1	4	1

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*	Clear-	Cook	Cotton-	Crow	Dakota	Dodge	Douglas
	Total	water		wood	Wing			
DEATHS - Total	38,431	87	54	152	591	1,843	156	334
Crude Death Rate	7.4	10.5	9.9	13.5	9.5	4.7	7.9	9.2
SEX: Male	18,511	45	23	71	301	907	68	146
Female	19,920	42	31	81	290	936	88	188
Race: White	36,379	78	48	149	590	1,757	153	330
African American	1,021	0	0	0	0	37	0	2
American Indian	387	8	6	1	1	4	0	0
Asian/Pacific Islander	405	0	0	2	0	27	0	1
Other/Unknown	239	1	0	0	0	18	3	1
Hispanic Ethnicity	329	0	0	0	0	34	3	0
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	1	0	0
HIV Disease	39	0	0	0	0	1	0	0
Malignant Neoplasms	9,439	21	17	38	157	489	38	87
Stomach	156	0	0	1	3	9	0	1
Colon, Rectum, Anus	851	3	2	3	9	52	5	8
Pancreas	592	2	3	1	11	21	6	4
Trachea, Bronchus, Lung	2,426	5	4	3	52	125	12	16
Breast	679	1	1	8	8	44	4	7
Cervix, Uterus, Ovary	441	3	0	1	5	21	1	7
Prostate	546	0	1	4	9	24	0	5
Urinary Tract	465	0	1	5	10	33	1	2
Non-Hodgkins Lymphoma	407	3	0	1	6	23	2	6
Leukemia	433	0	0	1	9	25	1	4
Other Malignancies	2,443	4	5	10	35	112	6	27
Diabetes mellitus	1,086	2	1	3	20	63	3	8
Alzheimer's Disease	1,344	4	0	10	13	75	4	16
Major Cardiovascular	10,504	36	20	48	174	483	46	111
Diseases of Heart	7,453	24	14	33	122	354	34	78
Hypertensive	188	3	0	2	3	12	1	0
Ischemic	4,163	16	8	20	77	183	17	34
Other	3,102	5	6	11	42	159	16	44
Essential Hypertension & Hypertensive Renal Disease	506	0	0	4	11	23	1	4
Cerebrovascular	2,087	9	6	7	31	92	9	20
Atherosclerosis	55	0	0	0	1	0	0	1
Other Circulatory	402	3	0	4	9	14	2	8
Influenza & Pneumonia	745	2	2	2	15	29	0	11
Chronic Lower Respiratory	2,071	5	4	2	24	66	9	14
Peptic Ulcer	44	0	0	0	0	1	1	0
Chronic Liver Disease and Cirrhosis	378	0	0	1	5	16	0	1
Nephritis, Nephrotic Syndrome, and Nephrosis	814	0	1	2	19	45	5	2
Pregnancy, Childbirth, Puerperium	6	0	0	0	1	0	0	0
Perinatal Conditions	201	0	0	0	1	14	2	1
Congenital Anomalies	198	1	1	3	1	10	1	0
Sudden Infant Death	41	0	0	0	1	1	0	1
Ill-Defined Conditions	1,315	2	0	4	14	47	0	2
All Other Diseases	7,318	10	7	31	104	337	32	66
Motor Vehicle Accidents	524	0	0	1	6	24	3	7
Falls	701	2	0	3	11	42	1	2
All Other Accidents	777	2	1	1	17	36	1	3
Intentional Self-Harm (Suicide)	593	0	0	2	6	41	6	2
Assault (Homicide)	128	0	0	0	1	5	3	0
All Other External Causes	160	0	0	1	1	17	1	0

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*	Faribault	Fillmore	Freeborn	Goodhue	Grant	Hennepin	Minn- neapolis
	Total							
DEATHS - Total	38,431	199	223	366	463	85	7,963	2,527
Crude Death Rate	7.4	13.6	10.7	11.8	10.1	14.2	7.0	6.6
SEX: Male	18,511	88	113	174	210	36	3,674	1,245
Female	19,920	111	110	192	253	49	4,289	1,282
Race: White	36,379	196	223	364	454	85	7,090	2,003
African American	1,021	0	0	1	3	0	585	378
American Indian	387	1	0	0	2	0	70	59
Asian/Pacific Islander	405	0	0	0	0	0	160	49
Other/Unknown	239	2	0	1	4	0	58	38
Hispanic Ethnicity	329	3	0	7	2	0	72	50
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	2	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	0	21	18
Malignant Neoplasms	9,439	45	52	80	105	21	1,949	576
Stomach	156	0	2	2	0	1	36	13
Colon, Rectum, Anus	851	2	6	7	8	0	180	53
Pancreas	592	3	3	6	5	2	120	30
Trachea, Bronchus, Lung	2,426	14	8	20	26	7	493	142
Breast	679	5	7	8	6	0	144	42
Cervix, Uterus, Ovary	441	4	2	3	4	0	115	41
Prostate	546	3	1	9	8	0	101	36
Urinary Tract	465	2	4	3	2	2	69	9
Non-Hodgkins Lymphoma	407	2	3	3	5	0	80	16
Leukemia	433	1	3	1	8	2	91	30
Other Malignancies	2,443	9	13	18	33	7	520	164
Diabetes mellitus	1,086	5	7	0	15	3	194	47
Alzheimer's Disease	1,344	3	9	8	14	1	221	51
Major Cardiovascular	10,504	61	62	131	123	28	1,849	571
Diseases of Heart	7,453	43	48	90	82	18	1,240	391
Hypertensive	188	0	1	0	3	0	30	13
Ischemic	4,163	24	22	64	45	8	638	204
Other	3,102	19	25	26	34	10	572	174
Essential Hypertension & Hypertensive Renal Disease	506	3	2	9	10	1	129	48
Cerebrovascular	2,087	9	11	25	26	5	404	102
Atherosclerosis	55	4	0	4	0	0	7	5
Other Circulatory	402	2	1	3	5	4	68	25
Influenza & Pneumonia	745	8	8	19	7	0	128	41
Chronic Lower Respiratory	2,071	11	14	17	28	7	435	135
Peptic Ulcer	44	0	0	1	0	0	9	3
Chronic Liver Disease and Cirrhosis	378	4	1	5	3	0	92	41
Nephritis, Nephrotic Syndrome, and Nephrosis	814	4	2	4	6	0	176	43
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	1	0
Perinatal Conditions	201	0	1	0	2	0	57	22
Congenital Anomalies	198	0	2	0	2	0	47	19
Sudden Infant Death	41	0	0	0	0	0	13	8
Ill-Defined Conditions	1,315	4	2	14	7	4	323	121
All Other Diseases	7,318	47	45	60	108	16	1,767	559
Motor Vehicle Accidents	524	3	7	6	10	1	76	24
Falls	701	0	5	8	14	2	206	53
All Other Accidents	777	4	5	7	10	2	192	97
Intentional Self-Harm (Suicide)	593	0	1	6	6	0	120	44
Assault (Homicide)	128	0	0	0	1	0	50	34
All Other External Causes	160	0	0	0	2	0	35	20

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*							
	Total	Houston	Hubbard	Isanti	Itasca	Jackson	Kanabec	Kandiyohi
DEATHS - Total	38,431	169	193	265	468	101	157	354
Crude Death Rate	7.4	8.8	10.3	7.0	10.5	9.4	9.8	8.7
SEX: Male	18,511	90	106	121	268	53	79	171
Female	19,920	79	87	144	200	48	78	183
Race: White	36,379	168	187	261	446	101	156	353
African American	1,021	1	1	0	0	0	0	1
American Indian	387	0	5	2	18	0	1	0
Asian/Pacific Islander	405	0	0	1	0	0	0	0
Other/Unknown	239	0	0	1	4	0	0	0
Hispanic Ethnicity	329	0	0	1	1	0	1	3
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	0	0	0
Malignant Neoplasms	9,439	35	50	76	112	23	42	84
Stomach	156	1	1	1	0	0	0	0
Colon, Rectum, Anus	851	3	1	4	8	1	2	15
Pancreas	592	2	4	3	8	3	0	2
Trachea, Bronchus, Lung	2,426	13	9	20	27	10	13	16
Breast	679	1	3	7	4	0	5	5
Cervix, Uterus, Ovary	441	3	4	3	4	3	1	3
Prostate	546	2	5	3	3	0	4	8
Urinary Tract	465	3	0	2	5	2	2	4
Non-Hodgkins Lymphoma	407	0	2	5	8	1	0	5
Leukemia	433	1	4	2	10	2	1	4
Other Malignancies	2,443	6	17	26	35	1	14	22
Diabetes mellitus	1,086	8	4	0	13	0	4	14
Alzheimer's Disease	1,344	8	5	17	22	3	3	12
Major Cardiovascular	10,504	48	57	60	163	37	39	103
Diseases of Heart	7,453	31	43	40	117	33	23	67
Hypertensive	188	1	0	0	1	0	0	1
Ischemic	4,163	20	29	17	64	15	14	37
Other	3,102	10	14	23	52	18	9	29
Essential Hypertension & Hypertensive Renal Disease	506	1	0	0	3	1	3	1
Cerebrovascular	2,087	10	13	15	32	3	9	29
Atherosclerosis	55	1	0	0	1	0	0	3
Other Circulatory	402	5	1	5	10	0	4	3
Influenza & Pneumonia	745	7	2	6	10	5	5	13
Chronic Lower Respiratory	2,071	10	13	14	32	7	4	21
Peptic Ulcer	44	0	1	0	0	0	0	1
Chronic Liver Disease and Cirrhosis	378	2	3	3	1	0	2	5
Nephritis, Nephrotic Syndrome, and Nephrosis	814	3	10	6	13	6	5	8
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	0	0
Perinatal Conditions	201	0	0	1	0	0	0	2
Congenital Anomalies	198	1	2	2	3	2	0	1
Sudden Infant Death	41	0	1	0	1	0	0	0
Ill-Defined Conditions	1,315	0	5	6	2	1	7	10
All Other Diseases	7,318	33	21	55	68	16	28	56
Motor Vehicle Accidents	524	4	3	3	4	0	8	5
Falls	701	2	0	5	5	0	2	7
All Other Accidents	777	5	7	4	8	0	4	5
Intentional Self-Harm (Suicide)	593	3	7	7	10	0	3	6
Assault (Homicide)	128	0	1	0	0	0	0	1
All Other External Causes	160	0	1	0	1	1	1	0

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*	Kittson	Kooch- iching	Lac Qui Parle	Lake	Lake of the Woods	Le Sueur	Lincoln
	Total							
DEATHS - Total	38,431	70	177	109	127	36	201	101
Crude Death Rate	7.4	15.7	13.4	15.2	12.0	9.0	7.2	17.3
SEX: Male	18,511	35	91	51	73	14	103	34
Female	19,920	35	86	58	54	22	98	67
Race: White	36,379	69	175	109	125	36	198	101
African American	1,021	0	0	0	1	0	0	0
American Indian	387	0	1	0	1	0	0	0
Asian/Pacific Islander	405	0	1	0	0	0	0	0
Other/Unknown	239	1	0	0	0	0	3	0
Hispanic Ethnicity	329	0	0	0	1	0	4	0
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	0	0	0
Malignant Neoplasms	9,439	14	49	22	31	7	45	22
Stomach	156	1	0	0	0	0	0	0
Colon, Rectum, Anus	851	3	6	1	1	2	3	3
Pancreas	592	0	2	0	3	0	4	1
Trachea, Bronchus, Lung	2,426	5	12	7	10	1	14	2
Breast	679	0	1	1	1	0	1	3
Cervix, Uterus, Ovary	441	0	1	1	1	1	3	3
Prostate	546	1	8	1	3	1	4	0
Urinary Tract	465	0	4	1	2	0	4	2
Non-Hodgkins Lymphoma	407	1	1	2	4	0	1	2
Leukemia	433	0	4	2	0	0	1	2
Other Malignancies	2,443	3	10	6	6	2	10	4
Diabetes mellitus	1,086	6	9	6	3	0	8	2
Alzheimer's Disease	1,344	1	5	2	14	2	4	6
Major Cardiovascular	10,504	28	56	47	28	12	73	38
Diseases of Heart	7,453	22	44	42	22	10	54	26
Hypertensive	188	1	1	0	0	0	1	0
Ischemic	4,163	14	25	34	14	6	26	22
Other	3,102	7	18	8	8	4	27	4
Essential Hypertension & Hypertensive Renal Disease	506	1	0	0	0	0	3	3
Cerebrovascular	2,087	4	11	4	4	0	14	9
Atherosclerosis	55	0	0	1	0	0	0	0
Other Circulatory	402	1	1	0	2	2	2	0
Influenza & Pneumonia	745	1	8	1	8	0	6	3
Chronic Lower Respiratory	2,071	3	4	0	3	1	5	6
Peptic Ulcer	44	0	1	0	1	0	0	0
Chronic Liver Disease and Cirrhosis	378	0	1	1	2	0	2	1
Nephritis, Nephrotic Syndrome, and Nephrosis	814	0	2	5	2	1	5	0
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	0	0
Perinatal Conditions	201	0	0	0	1	1	1	0
Congenital Anomalies	198	0	2	0	1	0	0	1
Sudden Infant Death	41	0	0	0	0	0	0	0
Ill-Defined Conditions	1,315	2	2	0	14	1	2	2
All Other Diseases	7,318	14	25	18	14	7	36	15
Motor Vehicle Accidents	524	0	1	4	0	2	4	1
Falls	701	1	4	1	0	2	2	3
All Other Accidents	777	0	4	0	3	0	2	0
Intentional Self-Harm (Suicide)	593	0	3	2	1	0	4	0
Assault (Homicide)	128	0	0	0	0	0	2	1
All Other External Causes	160	0	1	0	1	0	0	0

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*							Mille
	Total	Lyon	McLeod	Mahnomen	Marshall	Martin	Meeker	Lacs
DEATHS - Total	38,431	236	253	52	83	242	233	287
Crude Death Rate	7.4	9.5	6.8	10.1	8.7	11.8	10.1	10.9
SEX: Male	18,511	96	126	31	54	119	114	137
Female	19,920	140	127	21	29	123	119	150
Race: White	36,379	233	252	35	82	241	230	272
African American	1,021	1	0	0	0	0	1	0
American Indian	387	0	0	17	0	0	0	15
Asian/Pacific Islander	405	2	0	0	0	0	1	0
Other/Unknown	239	0	1	0	1	1	1	0
Hispanic Ethnicity	329	1	3	0	1	2	0	1
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	0	0	0
Malignant Neoplasms	9,439	62	58	15	27	50	41	65
Stomach	156	0	0	0	0	0	1	1
Colon, Rectum, Anus	851	7	6	3	2	2	5	5
Pancreas	592	3	2	1	4	3	2	3
Trachea, Bronchus, Lung	2,426	19	16	3	5	17	7	19
Breast	679	4	8	0	2	7	3	5
Cervix, Uterus, Ovary	441	5	2	1	0	3	4	4
Prostate	546	1	3	1	5	2	0	3
Urinary Tract	465	3	1	1	2	7	2	1
Non-Hodgkins Lymphoma	407	2	1	0	0	1	1	1
Leukemia	433	6	3	0	1	1	2	4
Other Malignancies	2,443	12	16	5	6	7	14	19
Diabetes mellitus	1,086	11	7	4	1	6	5	17
Alzheimer's Disease	1,344	9	6	1	2	11	7	9
Major Cardiovascular	10,504	55	74	12	28	79	66	76
Diseases of Heart	7,453	34	56	11	23	66	43	49
Hypertensive	188	4	1	1	0	0	2	1
Ischemic	4,163	20	31	8	15	47	24	31
Other	3,102	10	24	2	8	19	17	17
Essential Hypertension & Hypertensive Renal Disease	506	2	3	0	1	1	5	4
Cerebrovascular	2,087	14	15	1	3	10	15	19
Atherosclerosis	55	1	0	0	0	0	0	2
Other Circulatory	402	4	0	0	1	2	3	2
Influenza & Pneumonia	745	10	6	2	2	12	1	7
Chronic Lower Respiratory	2,071	10	19	3	1	15	13	16
Peptic Ulcer	44	0	1	1	0	0	2	1
Chronic Liver Disease and Cirrhosis	378	1	1	0	0	0	8	4
Nephritis, Nephrotic Syndrome, and Nephrosis	814	6	4	0	2	6	2	6
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	0	0
Perinatal Conditions	201	1	1	0	0	0	1	2
Congenital Anomalies	198	1	1	1	2	1	0	0
Sudden Infant Death	41	0	0	0	0	0	0	0
Ill-Defined Conditions	1,315	2	3	1	3	5	7	10
All Other Diseases	7,318	49	54	8	12	51	60	50
Motor Vehicle Accidents	524	9	2	2	0	2	3	6
Falls	701	2	7	0	1	2	4	7
All Other Accidents	777	3	1	2	1	2	7	6
Intentional Self-Harm (Suicide)	593	4	6	0	1	0	3	4
Assault (Homicide)	128	1	1	0	0	0	0	0
All Other External Causes	160	0	1	0	0	0	3	1

\* State Totals Include Unknown County of Residence



Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*							
	Total	Morrison	Mower	Murray	Nicollet	Nobles	Norman	Olmsted
DEATHS - Total	38,431	281	402	95	205	155	85	869
Crude Death Rate	7.4	8.5	10.6	11.3	6.4	7.6	12.9	6.1
SEX: Male	18,511	143	204	46	105	72	39	423
Female	19,920	138	198	49	100	83	46	446
Race: White	36,379	279	399	95	202	148	83	826
African American	1,021	1	2	0	2	1	0	29
American Indian	387	0	0	0	0	0	2	1
Asian/Pacific Islander	405	0	0	0	1	1	0	8
Other/Unknown	239	1	1	0	0	5	0	5
Hispanic Ethnicity	329	1	1	0	0	6	0	10
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	0	0	1
Malignant Neoplasms	9,439	82	115	17	51	37	21	226
Stomach	156	1	3	1	0	0	1	1
Colon, Rectum, Anus	851	8	6	4	2	6	3	12
Pancreas	592	8	6	1	0	0	3	23
Trachea, Bronchus, Lung	2,426	17	33	3	12	8	4	50
Breast	679	8	7	0	4	0	2	21
Cervix, Uterus, Ovary	441	0	4	0	6	3	1	11
Prostate	546	1	4	1	5	2	1	18
Urinary Tract	465	10	5	1	3	3	1	11
Non-Hodgkins Lymphoma	407	2	3	1	3	1	0	12
Leukemia	433	4	6	0	2	1	2	11
Other Malignancies	2,443	23	38	5	14	13	3	56
Diabetes mellitus	1,086	7	15	2	9	3	4	12
Alzheimer's Disease	1,344	5	6	2	4	6	9	26
Major Cardiovascular	10,504	89	96	34	72	38	16	264
Diseases of Heart	7,453	68	66	28	47	29	12	199
Hypertensive	188	2	1	0	0	0	0	7
Ischemic	4,163	38	41	20	21	19	4	117
Other	3,102	28	24	8	26	10	8	75
Essential Hypertension & Hypertensive Renal Disease	506	4	7	1	6	1	0	9
Cerebrovascular	2,087	14	18	5	14	6	4	47
Atherosclerosis	55	1	0	0	0	0	0	0
Other Circulatory	402	2	5	0	5	2	0	9
Influenza & Pneumonia	745	5	8	0	2	2	3	17
Chronic Lower Respiratory	2,071	8	30	7	11	9	11	40
Peptic Ulcer	44	0	1	0	1	0	0	5
Chronic Liver Disease and Cirrhosis	378	1	3	0	1	0	1	13
Nephritis, Nephrotic Syndrome, and Nephrosis	814	3	8	1	5	2	0	11
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	0	0
Perinatal Conditions	201	5	2	1	2	1	0	7
Congenital Anomalies	198	0	2	0	0	0	0	7
Sudden Infant Death	41	2	0	0	0	0	0	1
Ill-Defined Conditions	1,315	6	5	13	4	21	2	4
All Other Diseases	7,318	50	87	13	37	27	13	182
Motor Vehicle Accidents	524	7	8	1	1	2	2	11
Falls	701	1	3	3	1	0	1	12
All Other Accidents	777	5	7	0	4	1	1	9
Intentional Self-Harm (Suicide)	593	2	2	1	0	5	1	16
Assault (Homicide)	128	3	1	0	0	1	0	3
All Other External Causes	160	0	3	0	0	0	0	2

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*	Otter	Penn-	Pine	Pipe-	Polk	Pope
	Total	Tail	ington		stone		
DEATHS - Total	38,431	605	134	251	132	380	143
Crude Death Rate	7.4	10.7	9.7	8.9	14.1	12.4	13.0
SEX: Male	18,511	301	60	123	65	177	63
Female	19,920	304	74	128	67	203	80
Race: White	36,379	596	127	240	128	371	143
African American	1,021	1	0	3	0	0	0
American Indian	387	2	2	6	1	6	0
Asian/Pacific Islander	405	2	1	1	1	0	0
Other/Unknown	239	4	4	1	2	3	0
Hispanic Ethnicity	329	0	2	0	3	2	0
CAUSE OF DEATH							
Tuberculosis	4	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	1	0
Malignant Neoplasms	9,439	125	34	69	34	72	37
Stomach	156	4	0	2	1	1	1
Colon, Rectum, Anus	851	11	5	0	4	5	5
Pancreas	592	6	3	7	2	5	3
Trachea, Bronchus, Lung	2,426	29	7	23	6	14	7
Breast	679	7	2	4	4	6	2
Cervix, Uterus, Ovary	441	3	2	4	2	4	3
Prostate	546	10	2	7	1	5	1
Urinary Tract	465	5	4	4	0	5	1
Non-Hodgkins Lymphoma	407	11	3	2	3	7	1
Leukemia	433	4	0	0	1	5	1
Other Malignancies	2,443	35	6	16	10	15	12
Diabetes mellitus	1,086	9	3	11	3	16	2
Alzheimer's Disease	1,344	37	4	3	2	35	4
Major Cardiovascular	10,504	211	42	72	49	102	46
Diseases of Heart	7,453	139	35	53	30	77	38
Hypertensive	188	3	0	0	2	3	0
Ischemic	4,163	84	20	32	15	50	23
Other	3,102	52	15	21	13	24	15
Essential Hypertension & Hypertensive Renal Disease	506	5	1	2	2	1	0
Cerebrovascular	2,087	57	5	13	16	17	8
Atherosclerosis	55	3	1	0	0	1	0
Other Circulatory	402	7	0	4	1	6	0
Influenza & Pneumonia	745	13	2	4	1	9	2
Chronic Lower Respiratory	2,071	38	4	16	7	22	6
Peptic Ulcer	44	1	0	0	0	0	0
Chronic Liver Disease and Cirrhosis	378	2	2	1	3	3	0
Nephritis, Nephrotic Syndrome, and Nephrosis	814	7	7	9	5	10	4
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	0
Perinatal Conditions	201	0	0	2	1	1	0
Congenital Anomalies	198	2	0	0	0	0	0
Sudden Infant Death	41	0	0	0	0	0	1
Ill-Defined Conditions	1,315	12	14	7	6	7	9
All Other Diseases	7,318	112	12	42	14	80	19
Motor Vehicle Accidents	524	8	5	3	1	6	2
Falls	701	9	2	3	2	6	6
All Other Accidents	777	9	2	4	2	5	4
Intentional Self-Harm (Suicide)	593	7	0	5	1	4	0
Assault (Homicide)	128	0	0	0	0	1	0
All Other External Causes	160	3	1	0	1	0	1

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*							
	Total	Ramsey	St. Paul	Red Lake	Redwood	Renville	Rice	Rock
DEATHS - Total	38,431	3,795	1,997	34	182	228	425	132
Crude Death Rate	7.4	7.6	7.1	8.4	11.7	14.4	6.8	13.9
SEX: Male	18,511	1,723	931	19	95	114	209	79
Female	19,920	2,072	1,066	15	87	114	216	53
Race: White	36,379	3,352	1,627	33	177	224	419	132
African American	1,021	253	221	0	0	0	1	0
American Indian	387	17	11	0	5	1	1	0
Asian/Pacific Islander	405	133	107	0	0	0	0	0
Other/Unknown	239	40	31	1	0	3	4	0
Hispanic Ethnicity	329	78	63	1	0	3	7	0
CAUSE OF DEATH								
Tuberculosis	4	2	2	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	9	6	0	0	0	0	0
Malignant Neoplasms	9,439	869	450	15	45	49	104	24
Stomach	156	11	8	1	1	0	2	1
Colon, Rectum, Anus	851	66	35	2	3	5	9	3
Pancreas	592	48	23	1	1	2	2	0
Trachea, Bronchus, Lung	2,426	205	110	3	9	14	34	4
Breast	679	65	36	1	1	3	12	3
Cervix, Uterus, Ovary	441	41	20	0	4	3	5	2
Prostate	546	45	19	1	8	2	3	2
Urinary Tract	465	40	22	0	2	3	10	0
Non-Hodgkins Lymphoma	407	36	18	0	1	2	3	1
Leukemia	433	40	22	2	3	3	3	1
Other Malignancies	2,443	272	137	4	12	12	21	7
Diabetes mellitus	1,086	106	67	1	7	10	7	4
Alzheimer's Disease	1,344	149	52	1	8	5	13	13
Major Cardiovascular	10,504	964	512	10	58	68	110	38
Diseases of Heart	7,453	638	330	10	45	54	80	28
Hypertensive	188	17	12	0	2	4	3	0
Ischemic	4,163	325	177	9	29	26	47	18
Other	3,102	296	141	1	14	24	30	10
Essential Hypertension & Hypertensive Renal Disease	506	60	33	0	4	1	7	1
Cerebrovascular	2,087	218	127	0	8	12	18	8
Atherosclerosis	55	4	1	0	0	0	0	1
Other Circulatory	402	44	21	0	1	1	5	0
Influenza & Pneumonia	745	63	37	1	2	10	10	2
Chronic Lower Respiratory	2,071	209	107	2	10	10	28	10
Peptic Ulcer	44	2	2	0	1	0	1	0
Chronic Liver Disease and Cirrhosis	378	45	30	0	3	0	4	1
Nephritis, Nephrotic Syndrome, and Nephrosis	814	83	45	0	4	4	5	1
Pregnancy, Childbirth, Puerperium	6	1	1	0	0	0	0	0
Perinatal Conditions	201	28	20	0	0	1	0	1
Congenital Anomalies	198	20	15	0	1	0	5	0
Sudden Infant Death	41	2	1	0	0	1	1	0
Ill-Defined Conditions	1,315	222	119	3	5	8	25	0
All Other Diseases	7,318	752	387	0	27	47	74	28
Motor Vehicle Accidents	524	29	14	1	4	1	6	4
Falls	701	47	13	0	0	4	10	4
All Other Accidents	777	86	52	0	4	5	10	1
Intentional Self-Harm (Suicide)	593	61	35	0	2	4	9	1
Assault (Homicide)	128	22	16	0	1	0	1	0
All Other External Causes	160	24	14	0	0	1	2	0

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*							
	Total	Roseau	St. Louis	Duluth	Scott	Sherburne	Sibley	Stearns
DEATHS - Total	38,431	120	2,047	871	536	422	121	855
Crude Death Rate	7.4	7.6	10.4	10.3	4.2	4.8	8.1	5.8
SEX: Male	18,511	66	972	406	284	183	64	447
Female	19,920	54	1,075	465	252	239	57	408
Race: White	36,379	118	2,000	841	509	421	121	843
African American	1,021	0	19	16	10	0	0	6
American Indian	387	0	23	11	6	0	0	0
Asian/Pacific Islander	405	2	2	2	7	0	0	3
Other/Unknown	239	0	3	1	4	1	0	3
Hispanic Ethnicity	329	0	1	1	7	2	0	3
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	0	0	1
Malignant Neoplasms	9,439	29	499	212	144	118	26	216
Stomach	156	0	12	5	5	2	1	5
Colon, Rectum, Anus	851	2	45	21	14	11	1	27
Pancreas	592	3	36	16	7	8	4	15
Trachea, Bronchus, Lung	2,426	3	125	49	33	31	7	56
Breast	679	2	28	13	11	16	2	13
Cervix, Uterus, Ovary	441	0	20	10	7	4	0	6
Prostate	546	5	35	15	7	7	1	16
Urinary Tract	465	0	25	13	5	7	3	14
Non-Hodgkins Lymphoma	407	1	30	8	5	3	2	5
Leukemia	433	5	12	7	5	5	2	9
Other Malignancies	2,443	8	131	55	45	24	3	50
Diabetes mellitus	1,086	6	48	21	10	7	3	32
Alzheimer's Disease	1,344	4	98	50	11	12	4	23
Major Cardiovascular	10,504	42	626	250	147	102	37	224
Diseases of Heart	7,453	29	473	174	101	70	26	157
Hypertensive	188	0	22	6	3	1	3	3
Ischemic	4,163	22	259	95	60	37	20	79
Other	3,102	7	192	73	38	32	3	75
Essential Hypertension & Hypertensive Renal Disease	506	2	28	14	12	3	2	12
Cerebrovascular	2,087	10	98	49	31	25	6	43
Atherosclerosis	55	0	3	3	0	1	1	0
Other Circulatory	402	1	24	10	3	3	2	12
Influenza & Pneumonia	745	2	39	19	7	5	4	15
Chronic Lower Respiratory	2,071	4	123	55	24	24	9	50
Peptic Ulcer	44	0	0	0	1	0	0	0
Chronic Liver Disease and Cirrhosis	378	0	29	12	5	3	1	8
Nephritis, Nephrotic Syndrome, and Nephrosis	814	4	42	15	17	7	1	25
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	0	1
Perinatal Conditions	201	0	4	2	6	4	0	3
Congenital Anomalies	198	0	3	0	3	2	1	8
Sudden Infant Death	41	1	1	0	1	0	1	1
Ill-Defined Conditions	1,315	2	32	14	7	19	5	9
All Other Diseases	7,318	16	358	160	97	81	24	167
Motor Vehicle Accidents	524	1	28	12	17	6	1	14
Falls	701	1	41	18	11	4	1	12
All Other Accidents	777	3	36	11	8	14	2	23
Intentional Self-Harm (Suicide)	593	4	30	13	13	9	1	18
Assault (Homicide)	128	0	6	4	2	1	0	1
All Other External Causes	160	1	4	3	5	4	0	4

\* State Totals Include Unknown County of Residence

Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*							
	Total	Steele	Stevens	Swift	Todd	Traverse	Wabasha	Wadena
DEATHS - Total	38,431	292	89	127	193	52	159	168
Crude Death Rate	7.4	8.0	9.2	11.5	8.1	14.2	7.3	12.6
SEX: Male	18,511	145	45	61	102	28	87	84
Female	19,920	147	44	66	91	24	72	84
Race: White	36,379	291	87	126	190	48	158	167
African American	1,021	0	0	1	0	0	1	0
American Indian	387	0	0	0	0	4	0	0
Asian/Pacific Islander	405	1	1	0	0	0	0	0
Other/Unknown	239	0	1	0	3	0	0	1
Hispanic Ethnicity	329	4	0	0	1	0	0	0
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	0	0	0	1	0	0
Malignant Neoplasms	9,439	72	18	29	55	17	44	39
Stomach	156	1	0	1	1	0	0	0
Colon, Rectum, Anus	851	4	2	2	10	5	6	6
Pancreas	592	3	1	0	3	4	3	0
Trachea, Bronchus, Lung	2,426	20	4	8	14	2	13	10
Breast	679	6	3	1	1	0	1	3
Cervix, Uterus, Ovary	441	4	0	0	2	0	1	2
Prostate	546	4	0	5	4	2	3	2
Urinary Tract	465	4	0	0	2	0	0	3
Non-Hodgkins Lymphoma	407	3	1	1	2	1	3	2
Leukemia	433	2	0	1	4	0	2	3
Other Malignancies	2,443	21	7	10	12	3	12	8
Diabetes mellitus	1,086	10	2	6	9	2	7	5
Alzheimer's Disease	1,344	15	5	6	6	2	5	8
Major Cardiovascular	10,504	85	32	45	49	15	44	50
Diseases of Heart	7,453	68	21	30	33	13	32	41
Hypertensive	188	0	0	0	2	1	0	2
Ischemic	4,163	45	11	23	12	8	22	25
Other	3,102	23	10	7	19	4	10	14
Essential Hypertension & Hypertensive Renal Disease	506	1	2	2	4	0	1	1
Cerebrovascular	2,087	15	7	8	9	2	10	4
Atherosclerosis	55	0	0	2	0	0	0	0
Other Circulatory	402	1	2	3	3	0	1	4
Influenza & Pneumonia	745	8	4	7	2	0	5	6
Chronic Lower Respiratory	2,071	9	5	6	10	3	10	17
Peptic Ulcer	44	0	1	0	0	0	1	0
Chronic Liver Disease and Cirrhosis	378	6	0	0	5	0	4	0
Nephritis, Nephrotic Syndrome, and Nephrosis	814	5	0	1	5	1	3	3
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	0	0
Perinatal Conditions	201	1	0	0	0	0	2	0
Congenital Anomalies	198	1	0	0	1	1	1	1
Sudden Infant Death	41	0	0	0	0	0	0	1
Ill-Defined Conditions	1,315	0	4	1	3	0	0	3
All Other Diseases	7,318	63	16	20	34	8	22	30
Motor Vehicle Accidents	524	5	0	2	5	0	3	1
Falls	701	3	1	2	2	0	3	1
All Other Accidents	777	4	0	1	6	2	1	2
Intentional Self-Harm (Suicide)	593	4	1	0	1	0	3	1
Assault (Homicide)	128	0	0	0	0	0	0	0
All Other External Causes	160	1	0	1	0	0	1	0

\* State Totals Include Unknown County of Residence

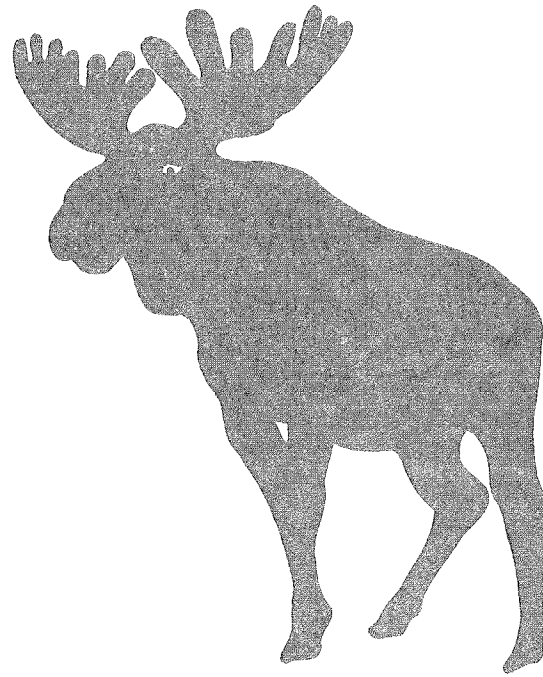
Mortality Table 8  
 SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND SELECTED CITY  
 MINNESOTA, 2008

	State*	Waseca	Wash- ington	Watowan	Wilkin	Winona	Wright	Yellow Medicine
	Total							
DEATHS - Total	38,431	175	1,262	133	96	401	605	105
Crude Death Rate	7.4	9.0	5.5	12.2	15.3	8.0	5.1	10.5
SEX: Male	18,511	82	616	72	36	190	296	48
Female	19,920	93	646	61	60	211	309	57
Race: White	36,379	173	1,220	129	93	397	596	103
African American	1,021	0	18	0	0	0	2	0
American Indian	387	0	3	0	1	1	2	2
Asian/Pacific Islander	405	0	13	0	0	3	2	0
Other/Unknown	239	2	8	4	2	0	3	0
Hispanic Ethnicity	329	2	11	6	0	0	4	0
CAUSE OF DEATH								
Tuberculosis	4	0	0	0	0	0	0	0
Syphilis	1	0	0	0	0	0	0	0
HIV Disease	39	0	1	0	0	0	0	0
Malignant Neoplasms	9,439	44	354	19	19	98	145	28
Stomach	156	2	6	1	1	1	4	2
Colon, Rectum, Anus	851	4	26	1	3	10	13	3
Pancreas	592	7	28	0	1	6	11	2
Trachea, Bronchus, Lung	2,426	6	82	4	8	36	48	5
Breast	679	6	29	2	0	4	9	1
Cervix, Uterus, Ovary	441	3	15	1	0	2	7	2
Prostate	546	4	25	3	1	3	7	2
Urinary Tract	465	2	21	0	0	12	4	1
Non-Hodgkins Lymphoma	407	2	16	0	0	3	2	2
Leukemia	433	0	15	2	1	6	5	0
Other Malignancies	2,443	8	91	5	4	15	35	8
Diabetes mellitus	1,086	4	42	4	6	9	22	4
Alzheimer's Disease	1,344	12	54	6	6	13	16	4
Major Cardiovascular	10,504	58	302	51	44	128	161	31
Diseases of Heart	7,453	48	200	35	36	95	116	15
Hypertensive	188	3	4	3	0	2	2	0
Ischemic	4,163	32	104	18	30	58	60	9
Other	3,102	13	92	14	6	35	54	6
Essential Hypertension & Hypertensive Renal Disease	506	4	13	2	1	8	9	0
Cerebrovascular	2,087	4	74	14	5	22	28	15
Atherosclerosis	55	0	1	0	0	0	0	0
Other Circulatory	402	2	14	0	2	3	8	1
Influenza & Pneumonia	745	5	21	0	0	6	7	3
Chronic Lower Respiratory	2,071	2	73	6	1	20	46	4
Peptic Ulcer	44	1	1	0	0	1	0	0
Chronic Liver Disease and Cirrhosis	378	0	13	1	0	8	4	1
Nephritis, Nephrotic Syndrome, and Nephrosis	814	8	18	7	3	9	12	2
Pregnancy, Childbirth, Puerperium	6	0	0	0	0	0	1	0
Perinatal Conditions	201	1	6	3	0	2	4	0
Congenital Anomalies	198	2	7	1	0	1	3	0
Sudden Infant Death	41	0	1	0	0	0	0	1
Ill-Defined Conditions	1,315	1	62	1	2	2	19	1
All Other Diseases	7,318	33	219	28	14	75	102	19
Motor Vehicle Accidents	524	0	11	1	0	3	20	2
Falls	701	0	25	2	1	11	18	4
All Other Accidents	777	2	24	1	0	10	9	1
Intentional Self-Harm (Suicide)	593	2	23	2	0	1	14	0
Assault (Homicide)	128	0	1	0	0	0	1	0
All Other External Causes	160	0	4	0	0	4	1	0

\* State Totals Include Unknown County of Residence

# MARRIAGE/DIVORCE

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Marriage/Divorce Table 1  
MARRIAGES BY COUNTY OF OCCURRENCE\*  
MINNESOTA, 2008

County	Marriages	County	Marriages
State Total	28,892		
Aitkin	68	Martin	124
Anoka	1,836	Meeker	151
Becker	115	Mille Lacs	107
Beltrami	345	Morrison	159
Benton	50	Mower	212
Big Stone	25	Murray	44
Blue Earth	502	Nicollet	135
Brown	160	Nobles	98
Carlton	174	Norman	21
Carver	412	Olmsted	960
Cass	48	Otter Tail	177
Chippewa	68	Pennington	96
Chisago	211	Pine	129
Clay	198	Pipestone	70
Clearwater	62	Polk	132
Cook	40	Pope	63
Cottonwood	38	Ramsey	2,537
Crow Wing	398	Red Lake	20
Dakota	2,281	Redwood	79
Dodge	77	Renville	55
Douglas	255	Rice	275
Faribault	56	Rock	94
Fillmore	42	Roseau	76
Freeborn	155	St. Louis	1,222
Goodhue	257	Scott	491
Grant	24	Sherburne	443
Hennepin	6,908	Sibley	64
Houston	77	Stearns	1,163
Hubbard	91	Steele	215
Isanti	218	Stevens	64
Itasca	165	Swift	43
Jackson	40	Todd	108
Kanabec	80	Traverse	17
Kandiyohi	251	Wabasha	73
Kittson	21	Wadena	137
Koochiching	67	Waseca	102
Lac Qui Parle	24	Washington	1,461
Lake	62	Watonwan	72
Lake of the Woods	20	Wilkin	34
Le Sueur	98	Winona	296
Lincoln	25	Wright	561
Lyon	186	Yellow Medicine	48
McLeod	196	Unknown	0
Mahnomen	16		
Marshall	22		

\*County where marriage ceremony was performed.

Prior to 2002, data was reported by county where license was issued.



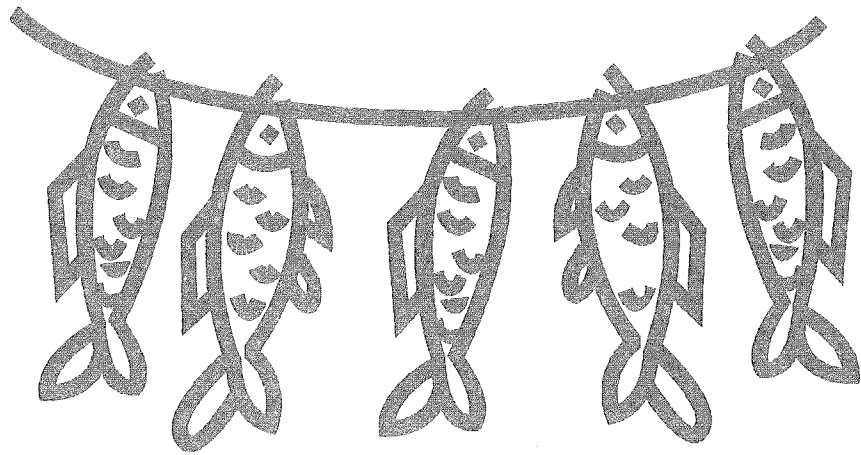
Marriage/Divorce Table 2  
 DISSOLUTIONS OF MARRIAGE BY COUNTY OF OCCURRENCE\*  
 MINNESOTA, 2008

County	Divorces	County	Divorces
State Total	16,138		
Aitkin	39	Martin	57
Anoka	1,024	Meeker	80
Becker	80	Mille Lacs	97
Beltrami	150	Morrison	100
Benton	108	Mower	113
Big Stone	11	Murray	25
Blue Earth	191	Nicollet	89
Brown	61	Nobles	46
Carlton	131	Norman	20
Carver	279	Olmsted	471
Cass	61	Otter Tail	160
Chippewa	43	Pennington	47
Chisago	195	Pine	123
Clay	177	Pipestone	18
Clearwater	27	Polk	94
Cook	20	Pope	27
Cottonwood	29	Ramsey	1,414
Crow Wing	247	Red Lake	23
Dakota	1,331	Redwood	33
Dodge	94	Renville	37
Douglas	118	Rice	185
Faribault	51	Rock	17
Fillmore	62	Roseau	57
Freeborn	94	St. Louis	653
Goodhue	147	Scott	422
Grant	17	Sherburne	290
Hennepin	3,395	Sibley	69
Houston	70	Stearns	390
Hubbard	68	Steele	126
Isanti	143	Stevens	23
Itasca	162	Swift	21
Jackson	28	Todd	80
Kanabec	69	Traverse	9
Kandiyohi	133	Wabasha	52
Kittson	7	Wadena	53
Koochiching	45	Waseca	64
Lac Qui Parle	13	Washington	685
Lake	30	Watonwan	50
Lake of the Woods	16	Wilkin	16
Le Sueur	76	Winona	120
Lincoln	20	Wright	370
Lyon	74	Yellow Medicine	24
McLeod	115	Unknown	0
Mahnomen	13		
Marshall	24		

\*Data was provided by the Minnesota State Court Administrator's Office and includes all dissolution filings in Minnesota in 2008.

# POPULATION

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Population Table 1  
POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
State Total	5,220,393	358,471	335,904	341,187	366,844	359,527	696,243	719,820	812,374	579,504	650,519
Male	2,599,899	183,210	171,656	175,035	187,196	182,290	359,480	364,991	409,767	287,727	278,547
Female	2,620,494	175,261	164,248	166,152	179,648	177,237	336,763	354,829	402,607	291,777	371,972
Aitkin	15,736	794	755	856	851	798	1,835	1,559	2,211	2,060	4,017
Male	7,903	424	405	423	450	422	966	796	1,119	1,000	1,898
Female	7,833	370	350	433	401	376	869	763	1,092	1,060	2,119
Anoka	327,090	22,187	22,778	24,577	23,305	19,541	45,665	50,628	54,412	35,760	28,237
Male	165,350	11,325	11,604	12,723	11,948	10,010	23,888	25,664	27,759	17,691	12,738
Female	161,740	10,862	11,174	11,854	11,357	9,531	21,777	24,964	26,653	18,069	15,499
Becker	32,000	2,149	1,936	2,000	2,030	1,917	4,399	3,502	4,712	3,923	5,432
Male	15,936	1,082	1,005	1,020	1,039	980	2,291	1,774	2,408	1,959	2,378
Female	16,064	1,067	931	980	991	937	2,108	1,728	2,304	1,964	3,054
Beltrami	43,835	3,315	2,989	2,943	3,577	4,418	6,280	4,621	5,625	4,344	5,723
Male	21,507	1,686	1,550	1,546	1,786	2,341	2,999	2,207	2,768	2,160	2,464
Female	22,328	1,629	1,439	1,397	1,791	2,077	3,281	2,414	2,857	2,184	3,259
Benton	39,878	2,952	2,826	2,625	2,421	2,855	7,504	5,729	5,212	3,633	4,121
Male	19,907	1,455	1,452	1,377	1,213	1,436	3,745	2,947	2,691	1,833	1,758
Female	19,971	1,497	1,374	1,248	1,208	1,419	3,759	2,782	2,521	1,800	2,363
Big Stone	5,365	260	260	299	358	313	466	498	825	685	1,401
Male	2,603	132	127	160	195	157	259	241	408	340	584
Female	2,762	128	133	139	163	156	207	257	417	345	817
Blue Earth	60,401	3,734	3,384	3,066	5,464	8,301	9,911	6,661	7,311	5,604	6,965
Male	30,559	1,947	1,734	1,558	2,600	4,159	5,684	3,504	3,685	2,841	2,847
Female	29,842	1,787	1,650	1,508	2,864	4,142	4,227	3,157	3,626	2,763	4,118

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Brown	25,862	1,480	1,384	1,486	1,843	1,912	2,783	2,863	4,169	3,142	4,800
Male	12,907	750	726	765	950	967	1,517	1,464	2,100	1,585	2,083
Female	12,955	730	658	721	893	945	1,266	1,399	2,069	1,557	2,717
Carlton	33,933	2,112	2,024	2,040	2,202	2,476	4,520	4,340	5,207	3,931	5,081
Male	17,182	1,094	1,035	1,036	1,172	1,263	2,446	2,307	2,666	2,024	2,139
Female	16,751	1,018	989	1,004	1,030	1,213	2,074	2,033	2,541	1,907	2,942
Carver	90,043	6,694	6,990	7,376	6,343	5,422	13,176	13,842	14,868	8,102	7,230
Male	45,164	3,437	3,594	3,727	3,297	2,691	6,648	6,841	7,633	4,142	3,154
Female	44,879	3,257	3,396	3,649	3,046	2,731	6,528	7,001	7,235	3,960	4,076
Cass	28,732	1,858	1,640	1,547	1,851	1,677	3,875	3,067	4,068	3,605	5,544
Male	14,332	931	843	759	955	859	1,929	1,547	2,071	1,795	2,643
Female	14,400	927	797	788	896	818	1,946	1,520	1,997	1,810	2,901
Chippewa	12,414	784	668	772	826	680	1,361	1,366	1,980	1,582	2,395
Male	6,116	406	346	427	428	347	753	681	974	799	955
Female	6,298	378	322	345	398	333	608	685	1,006	783	1,440
Chisago	50,257	3,595	3,638	3,641	3,442	3,023	7,960	7,542	7,576	4,683	5,157
Male	25,806	1,843	1,882	1,844	1,896	1,657	4,133	3,856	3,907	2,417	2,371
Female	24,451	1,752	1,756	1,797	1,546	1,366	3,827	3,686	3,669	2,266	2,786
Clay	55,767	3,736	3,041	3,394	5,418	6,678	7,202	6,319	7,775	5,210	6,994
Male	27,104	1,912	1,560	1,755	2,504	3,018	3,810	3,146	3,891	2,599	2,909
Female	28,663	1,824	1,481	1,639	2,914	3,660	3,392	3,173	3,884	2,611	4,085
Clearwater	8,249	589	491	469	525	470	1,063	858	1,213	1,016	1,555
Male	4,128	298	255	252	265	232	569	444	589	529	695
Female	4,121	291	236	217	260	238	494	414	624	487	860

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Cook	5,437	253	242	255	294	255	726	637	952	876	947
Male	2,738	137	131	118	168	131	380	327	467	437	442
Female	2,699	116	111	137	126	124	346	310	485	439	505
Cottonwood	11,283	711	687	737	761	626	1,263	1,169	1,621	1,427	2,281
Male	5,559	363	374	376	381	330	668	581	832	699	955
Female	5,724	348	313	361	380	296	595	588	789	728	1,326
Crow Wing	62,172	4,024	3,848	3,673	3,863	3,496	9,374	7,218	8,633	6,862	11,181
Male	30,614	2,072	1,954	1,872	1,959	1,732	4,699	3,653	4,287	3,384	5,002
Female	31,558	1,952	1,894	1,801	1,904	1,764	4,675	3,565	4,346	3,478	6,179
Dakota	392,755	27,729	27,850	29,758	27,766	23,771	52,804	60,877	66,252	42,192	33,756
Male	194,967	14,230	14,217	15,100	14,413	11,940	26,487	29,926	33,033	20,656	14,965
Female	197,788	13,499	13,633	14,658	13,353	11,831	26,317	30,951	33,219	21,536	18,791
Dodge	19,751	1,446	1,427	1,463	1,396	1,170	2,807	2,641	3,076	1,936	2,389
Male	9,837	736	675	740	685	589	1,466	1,330	1,572	978	1,066
Female	9,914	710	752	723	711	581	1,341	1,311	1,504	958	1,323
Douglas	36,258	2,168	1,980	2,004	2,184	2,280	5,676	3,999	5,022	3,990	6,955
Male	18,045	1,124	1,024	991	1,166	1,206	2,951	2,050	2,515	1,988	3,030
Female	18,213	1,044	956	1,013	1,018	1,074	2,725	1,949	2,507	2,002	3,925
Faribault	14,624	818	711	879	1,017	881	1,375	1,460	2,383	1,966	3,134
Male	7,294	430	375	478	568	444	746	761	1,230	979	1,283
Female	7,330	388	336	401	449	437	629	699	1,153	987	1,851
Fillmore	20,850	1,392	1,229	1,244	1,429	1,172	2,548	2,336	3,132	2,525	3,843
Male	10,355	720	637	634	724	581	1,367	1,195	1,590	1,261	1,646
Female	10,495	672	592	610	705	591	1,181	1,141	1,542	1,264	2,197

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Freeborn	30,927	1,877	1,702	1,774	1,951	1,616	3,696	3,489	4,866	3,945	6,011
Male	15,268	962	884	897	969	802	1,936	1,787	2,499	1,990	2,542
Female	15,659	915	818	877	982	814	1,760	1,702	2,367	1,955	3,469
Goodhue	45,897	2,939	2,645	2,848	3,116	2,743	5,922	5,639	7,446	5,456	7,143
Male	22,823	1,452	1,382	1,473	1,640	1,343	3,105	2,828	3,734	2,795	3,071
Female	23,074	1,487	1,263	1,375	1,476	1,400	2,817	2,811	3,712	2,661	4,072
Grant	6,005	343	295	335	351	343	683	593	918	720	1,424
Male	2,938	182	157	160	161	164	377	287	466	361	623
Female	3,067	161	138	175	190	179	306	306	452	359	801
Hennepin	1,140,988	80,760	73,311	69,294	74,131	73,076	148,789	177,378	186,274	132,961	125,014
Male	567,494	41,093	37,318	35,432	38,059	37,544	76,475	91,318	93,660	64,555	52,040
Female	573,494	39,667	35,993	33,862	36,072	35,532	72,314	86,060	92,614	68,406	72,974
Houston	19,245	1,094	987	1,241	1,417	1,167	2,197	2,258	3,292	2,355	3,237
Male	9,520	544	519	646	695	606	1,122	1,114	1,657	1,215	1,402
Female	9,725	550	468	595	722	561	1,075	1,144	1,635	1,140	1,835
Hubbard	18,810	1,148	991	1,085	1,104	1,122	2,350	1,965	2,706	2,422	3,917
Male	9,388	592	517	571	583	575	1,166	979	1,359	1,202	1,844
Female	9,422	556	474	514	521	547	1,184	986	1,347	1,220	2,073
Isanti	39,105	2,555	2,515	2,593	2,517	2,418	6,888	5,471	5,922	4,084	4,142
Male	19,610	1,320	1,268	1,324	1,318	1,184	3,471	2,822	3,007	2,077	1,819
Female	19,495	1,235	1,247	1,269	1,199	1,234	3,417	2,649	2,915	2,007	2,323
Itasca	44,512	2,539	2,346	2,535	3,003	2,922	5,207	4,690	6,978	6,160	8,132
Male	22,229	1,322	1,230	1,267	1,595	1,573	2,611	2,307	3,460	3,116	3,748
Female	22,283	1,217	1,116	1,268	1,408	1,349	2,596	2,383	3,518	3,044	4,384

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
 POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
 MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Jackson	10,734	534	554	612	740	643	1,175	1,160	1,774	1,330	2,212
Male	5,439	276	300	323	378	338	627	623	920	685	969
Female	5,295	258	254	289	362	305	548	537	854	645	1,243
Kanabec	16,091	924	951	1,046	1,056	953	2,359	2,038	2,482	1,868	2,414
Male	8,113	475	496	560	555	457	1,168	1,035	1,276	965	1,126
Female	7,978	449	455	486	501	496	1,191	1,003	1,206	903	1,288
Kandiyohi	40,679	2,901	2,474	2,537	3,030	2,596	4,996	4,608	6,351	4,835	6,351
Male	20,174	1,504	1,215	1,317	1,536	1,307	2,617	2,379	3,103	2,428	2,768
Female	20,505	1,397	1,259	1,220	1,494	1,289	2,379	2,229	3,248	2,407	3,583
Kittson	4,462	195	207	304	269	240	286	460	776	672	1,053
Male	2,208	96	100	142	150	130	158	237	394	354	447
Female	2,254	99	107	162	119	110	128	223	382	318	606
Koochiching	13,251	606	678	762	892	690	1,294	1,518	2,241	1,897	2,673
Male	6,543	308	356	407	460	341	685	743	1,130	955	1,158
Female	6,708	298	322	355	432	349	609	775	1,111	942	1,515
Lac Qui Parle	7,165	348	306	462	465	419	642	672	1,244	991	1,616
Male	3,576	186	146	226	258	218	373	342	637	512	678
Female	3,589	162	160	236	207	201	269	330	607	479	938
Lake	10,609	484	522	583	596	618	1,279	1,133	1,794	1,406	2,194
Male	5,254	236	269	295	294	314	634	539	929	745	999
Female	5,355	248	253	288	302	304	645	594	865	661	1,195
Lake of the Woods	3,985	193	157	217	270	202	387	389	762	553	855
Male	1,983	102	84	99	136	94	177	207	402	291	391
Female	2,002	91	73	118	134	108	210	182	360	262	464

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
 POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
 MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Le Sueur	28,042	1,867	1,707	1,830	1,886	1,729	3,902	3,600	4,261	3,284	3,976
Male	14,088	960	863	916	949	886	2,035	1,829	2,205	1,706	1,739
Female	13,954	907	844	914	937	843	1,867	1,771	2,056	1,578	2,237
Lincoln	5,837	344	292	349	367	318	528	642	849	678	1,470
Male	2,864	168	140	169	197	158	293	324	453	348	614
Female	2,973	176	152	180	170	160	235	318	396	330	856
Lyon	24,844	1,618	1,521	1,581	2,060	2,446	2,970	2,838	3,583	2,522	3,705
Male	12,266	835	787	832	986	1,264	1,536	1,457	1,760	1,273	1,536
Female	12,578	783	734	749	1,074	1,182	1,434	1,381	1,823	1,249	2,169
McLeod	37,165	2,713	2,480	2,583	2,502	2,170	4,950	5,042	5,325	4,102	5,298
Male	18,484	1,416	1,251	1,318	1,350	1,138	2,461	2,590	2,669	2,089	2,202
Female	18,681	1,297	1,229	1,265	1,152	1,032	2,489	2,452	2,656	2,013	3,096
Mahnomen	5,128	455	354	365	375	282	553	531	690	607	916
Male	2,587	238	177	201	193	149	285	278	362	300	404
Female	2,541	217	177	164	182	133	268	253	328	307	512
Marshall	9,502	519	489	567	601	605	942	1,041	1,521	1,258	1,959
Male	4,814	246	243	290	335	318	511	577	789	638	867
Female	4,688	273	246	277	266	287	431	464	732	620	1,092
Martin	20,435	1,170	1,070	1,202	1,323	1,171	1,951	2,109	3,343	2,695	4,401
Male	10,000	575	535	622	708	590	1,090	1,054	1,650	1,384	1,792
Female	10,435	595	535	580	615	581	861	1,055	1,693	1,311	2,609
Meeker	23,143	1,593	1,462	1,513	1,459	1,436	2,956	2,699	3,567	2,746	3,712
Male	11,697	799	755	797	797	742	1,537	1,391	1,858	1,391	1,630
Female	11,446	794	707	716	662	694	1,419	1,308	1,709	1,355	2,082

\*Population values provided by the U.S. Bureau of the Census



Population Table 1  
POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Mille Lacs	26,377	1,858	1,625	1,611	1,718	1,484	4,215	3,180	3,739	2,614	4,333
Male	13,011	918	818	818	903	749	2,108	1,635	1,899	1,334	1,829
Female	13,366	940	807	793	815	735	2,107	1,545	1,840	1,280	2,504
Morrison	32,893	2,219	2,074	2,145	2,196	2,133	4,521	3,990	4,946	3,556	5,113
Male	16,551	1,143	1,075	1,102	1,133	1,108	2,394	2,038	2,542	1,840	2,176
Female	16,342	1,076	999	1,043	1,063	1,025	2,127	1,952	2,404	1,716	2,937
Mower	37,859	2,662	2,475	2,412	2,641	2,212	4,362	4,443	5,484	4,181	6,987
Male	18,824	1,348	1,314	1,250	1,370	1,252	2,242	2,259	2,801	2,147	2,841
Female	19,035	1,314	1,161	1,162	1,271	960	2,120	2,184	2,683	2,034	4,146
Murray	8,389	431	437	516	545	495	766	920	1,297	1,153	1,829
Male	4,165	208	233	245	278	262	408	472	666	602	791
Female	4,224	223	204	271	267	233	358	448	631	551	1,038
Nicollet	32,027	1,993	1,861	1,844	2,896	3,529	3,919	3,913	4,574	3,428	4,070
Male	16,124	1,020	945	986	1,423	1,724	2,117	2,029	2,298	1,825	1,757
Female	15,903	973	916	858	1,473	1,805	1,802	1,884	2,276	1,603	2,313
Nobles	20,365	1,648	1,423	1,418	1,393	1,166	2,174	2,446	3,010	2,262	3,425
Male	10,302	849	710	731	751	627	1,178	1,287	1,589	1,155	1,425
Female	10,063	799	713	687	642	539	996	1,159	1,421	1,107	2,000
Norman	6,605	365	331	449	418	398	585	723	1,090	832	1,414
Male	3,289	189	178	225	220	196	334	367	548	424	608
Female	3,316	176	153	224	198	202	251	356	542	408	806
Olmsted	141,360	11,003	9,868	9,345	8,981	8,428	19,996	20,446	21,897	14,360	17,036
Male	70,109	5,712	4,946	4,878	4,639	4,233	10,230	10,332	10,918	6,927	7,294
Female	71,251	5,291	4,922	4,467	4,342	4,195	9,766	10,114	10,979	7,433	9,742

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Otter Tail	56,786	3,051	2,954	3,328	3,873	3,500	6,503	6,206	8,766	6,988	11,617
Male	28,394	1,569	1,496	1,738	2,066	1,742	3,507	3,109	4,568	3,488	5,111
Female	28,392	1,482	1,458	1,590	1,807	1,758	2,996	3,097	4,198	3,500	6,506
Pennington	13,747	957	851	827	939	930	1,994	1,576	1,974	1,588	2,111
Male	6,776	480	422	445	495	525	990	775	992	786	866
Female	6,971	477	429	382	444	405	1,004	801	982	802	1,245
Pine	28,297	1,661	1,573	1,609	1,813	1,782	4,436	3,555	4,330	3,064	4,474
Male	14,804	862	762	845	961	1,003	2,485	1,978	2,303	1,606	1,999
Female	13,493	799	811	764	852	779	1,951	1,577	2,027	1,458	2,475
Pipestone	9,395	666	512	573	637	601	960	995	1,418	1,024	2,009
Male	4,522	342	269	278	340	267	525	511	705	490	795
Female	4,873	324	243	295	297	334	435	484	713	534	1,214
Polk	30,694	1,930	1,638	1,896	2,374	2,406	3,687	3,305	4,718	3,463	5,277
Male	15,229	1,012	798	985	1,206	1,253	2,003	1,678	2,370	1,793	2,131
Female	15,465	918	840	911	1,168	1,153	1,684	1,627	2,348	1,670	3,146
Pope	11,030	609	538	587	714	664	1,278	1,188	1,722	1,381	2,349
Male	5,461	327	277	314	379	322	688	584	881	721	968
Female	5,569	282	261	273	335	342	590	604	841	660	1,381
Ramsey	501,428	35,667	32,593	32,293	37,134	35,857	61,894	68,642	75,351	56,801	65,196
Male	243,029	18,349	16,793	16,664	18,505	17,261	31,157	34,030	37,013	27,166	26,091
Female	258,399	17,318	15,800	15,629	18,629	18,596	30,737	34,612	38,338	29,635	39,105
Red Lake	4,069	235	227	230	255	266	541	460	659	505	691
Male	2,059	115	114	115	138	139	292	237	344	260	305
Female	2,010	120	113	115	117	127	249	223	315	245	386

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
 POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
 MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Redwood	15,493	1,010	940	984	1,033	975	1,569	1,725	2,320	1,932	3,005
Male	7,783	518	502	496	568	509	880	896	1,168	959	1,287
Female	7,710	492	438	488	465	466	689	829	1,152	973	1,718
Renville	15,861	980	947	1,027	1,124	945	1,547	1,749	2,670	1,941	2,931
Male	8,015	520	460	560	583	476	864	887	1,378	1,036	1,251
Female	7,846	460	487	467	541	469	683	862	1,292	905	1,680
Rice	62,390	4,048	3,685	3,746	5,497	6,617	8,688	7,679	8,901	6,111	7,418
Male	31,486	2,083	1,925	1,859	2,707	3,343	4,655	4,082	4,580	3,058	3,194
Female	30,904	1,965	1,760	1,887	2,790	3,274	4,033	3,597	4,321	3,053	4,224
Rock	9,476	668	570	630	581	610	1,045	1,052	1,362	1,130	1,828
Male	4,657	339	286	326	300	321	542	539	694	572	738
Female	4,819	329	284	304	281	289	503	513	668	558	1,090
Roseau	15,865	1,039	1,038	1,234	1,147	868	1,919	2,199	2,669	1,767	1,985
Male	8,118	529	558	606	624	420	1,007	1,162	1,413	900	899
Female	7,747	510	480	628	523	448	912	1,037	1,256	867	1,086
St. Louis	196,864	10,849	9,842	10,561	15,656	17,425	23,241	21,875	30,910	25,516	30,989
Male	97,410	5,531	5,082	5,511	7,839	8,939	12,192	10,990	15,315	13,061	12,950
Female	99,454	5,318	4,760	5,050	7,817	8,486	11,049	10,885	15,595	12,455	18,039
Scott	128,937	11,260	10,946	10,353	8,399	7,027	21,228	21,655	18,894	10,481	8,694
Male	64,762	5,665	5,550	5,320	4,360	3,547	10,422	10,793	9,850	5,299	3,956
Female	64,175	5,595	5,396	5,033	4,039	3,480	10,806	10,862	9,044	5,182	4,738
Sherburne	87,660	6,904	6,801	6,655	5,977	6,425	15,243	13,434	12,222	7,354	6,645
Male	44,643	3,475	3,524	3,392	3,132	3,322	7,955	6,814	6,329	3,654	3,046
Female	43,017	3,429	3,277	3,263	2,845	3,103	7,288	6,620	5,893	3,700	3,599

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Sibley	14,954	1,060	913	1,036	1,068	897	1,800	1,898	2,315	1,654	2,313
Male	7,554	535	462	551	576	469	920	976	1,226	866	973
Female	7,400	525	451	485	492	428	880	922	1,089	788	1,340
Stearns	147,076	9,707	8,939	8,896	12,281	15,928	20,577	18,317	20,288	14,290	17,853
Male	74,063	4,947	4,497	4,566	5,987	8,167	10,978	9,473	10,352	7,207	7,889
Female	73,013	4,760	4,442	4,330	6,294	7,761	9,599	8,844	9,936	7,083	9,964
Steele	36,546	2,678	2,479	2,546	2,406	2,260	4,856	4,890	5,565	3,862	5,004
Male	18,130	1,377	1,284	1,306	1,216	1,176	2,428	2,487	2,808	1,944	2,104
Female	18,416	1,301	1,195	1,240	1,190	1,084	2,428	2,403	2,757	1,918	2,900
Stevens	9,661	531	484	479	993	1,369	958	892	1,315	993	1,647
Male	4,752	274	235	255	423	664	543	469	674	507	708
Female	4,909	257	249	224	570	705	415	423	641	486	939
Swift	11,035	567	532	587	699	729	1,351	1,665	1,639	1,221	2,045
Male	6,280	303	283	304	370	447	968	1,182	958	645	820
Female	4,755	264	249	283	329	282	383	483	681	576	1,225
Todd	23,917	1,547	1,351	1,549	1,734	1,525	2,959	2,552	3,773	2,925	4,002
Male	12,158	801	693	786	920	787	1,577	1,345	1,928	1,525	1,796
Female	11,759	746	658	763	814	738	1,382	1,207	1,845	1,400	2,206
Traverse	3,660	167	167	237	244	209	280	363	541	398	1,054
Male	1,802	90	81	118	125	112	159	172	278	210	457
Female	1,858	77	86	119	119	97	121	191	263	188	597
Wabasha	21,813	1,315	1,214	1,392	1,495	1,390	2,566	2,733	3,483	2,653	3,572
Male	10,911	669	606	710	790	675	1,374	1,369	1,755	1,362	1,601
Female	10,902	646	608	682	705	715	1,192	1,364	1,728	1,291	1,971

\*Population values provided by the U.S. Bureau of the Census

Population Table 1  
 POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
 MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Wadena	13,311	901	784	816	917	815	1,607	1,321	1,874	1,450	2,826
Male	6,548	451	399	426	488	451	815	675	931	734	1,178
Female	6,763	450	385	390	429	364	792	646	943	716	1,648
Waseca	19,443	1,338	1,204	1,231	1,227	1,244	2,736	2,539	3,001	2,217	2,706
Male	10,194	674	613	619	647	712	1,616	1,457	1,599	1,141	1,116
Female	9,249	664	591	612	580	532	1,120	1,082	1,402	1,076	1,590
Washington	229,173	15,354	15,926	17,528	16,201	14,747	30,243	33,660	38,443	26,692	20,379
Male	114,599	7,799	8,147	8,918	8,299	7,607	15,680	16,457	19,125	13,334	9,233
Female	114,574	7,555	7,779	8,610	7,902	7,140	14,563	17,203	19,318	13,358	11,146
Watsonwan	10,860	701	716	792	779	578	1,062	1,129	1,696	1,243	2,164
Male	5,293	347	384	390	376	285	526	562	836	651	936
Female	5,567	354	332	402	403	293	536	567	860	592	1,228
Wilkin	6,286	373	374	417	457	403	619	765	1,141	716	1,021
Male	3,147	189	210	200	233	183	346	383	598	373	432
Female	3,139	184	164	217	224	220	273	382	543	343	589
Winona	49,879	2,693	2,460	2,634	5,130	6,647	6,056	5,275	6,673	5,295	7,016
Male	24,397	1,375	1,259	1,353	2,289	3,367	3,018	2,694	3,324	2,731	2,987
Female	25,482	1,318	1,201	1,281	2,841	3,280	3,038	2,581	3,349	2,564	4,029
Wright	119,701	10,731	9,263	8,864	7,878	7,358	19,895	17,744	16,894	10,671	10,403
Male	60,290	5,545	4,660	4,582	4,088	3,603	9,976	9,007	8,803	5,298	4,728
Female	59,411	5,186	4,603	4,282	3,790	3,755	9,919	8,737	8,091	5,373	5,675
Yellow Medicine	9,958	596	555	588	747	628	892	1,026	1,610	1,191	2,125
Male	4,985	310	309	297	385	318	530	510	834	625	867
Female	4,973	286	246	291	362	310	362	516	776	566	1,258

\*Population values provided by the U.S. Bureau of the Census

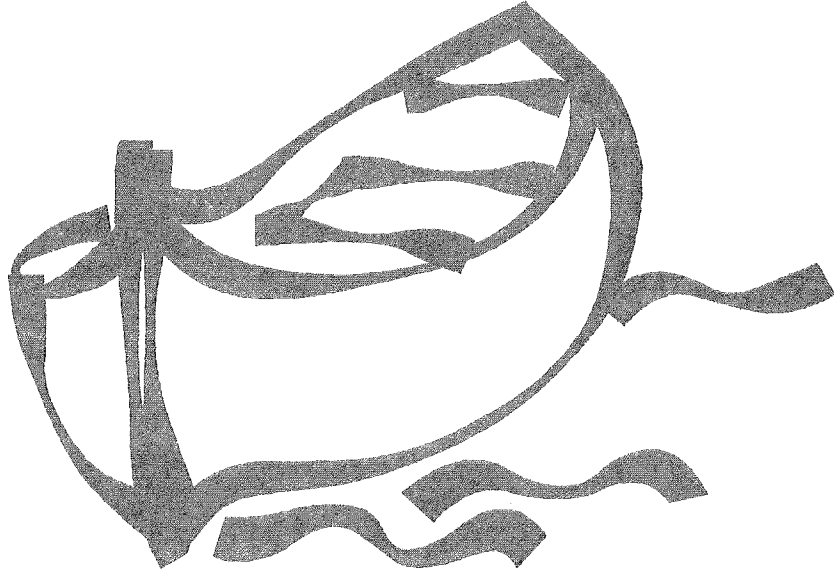
Population Table 1  
POPULATION ESTIMATES\* BY COUNTY AND SELECTED CITY BY AGE GROUP AND SEX  
MINNESOTA, 2008

	Total	Under 5	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65 & Over
Minneapolis	382,605	25,186	23,959	22,290	26,866	40,952	78,976	60,902	45,959	22,640	34,875
Male	192,225	12,706	12,316	11,435	13,438	20,724	41,410	32,554	23,362	10,995	13,285
Female	190,380	12,480	11,643	10,855	13,428	20,228	37,566	28,348	22,597	11,645	21,590
St. Paul	279,590	21,174	21,687	21,004	21,648	25,264	46,940	42,639	33,139	17,229	28,866
Male	135,207	10,970	11,204	10,768	10,555	11,960	23,364	21,360	16,288	8,168	10,570
Female	144,383	10,204	10,483	10,236	11,093	13,304	23,576	21,279	16,851	9,061	18,296
Duluth	84,284	4,553	4,775	5,338	7,647	9,260	10,166	11,852	11,263	6,681	12,749
Male	40,701	2,362	2,527	2,765	3,732	4,727	5,209	5,879	5,554	3,210	4,736
Female	43,583	2,191	2,248	2,573	3,915	4,533	4,957	5,973	5,709	3,471	8,013

\*Population values provided by the U.S. Bureau of the Census

# APPENDIX

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## **DEFINITIONS**



**ABORTION, INDUCED:**

An act, procedure, or use of any instrument, medicine, or drug which is supplied or prescribed for or administered to a pregnant woman which results in the termination of pregnancy.

**AGE/CAUSE-SPECIFIC DEATH RATE:**

Number of deaths due to a particular cause for a specified age group per 100,000 population comprising the same specified age group.

**AGE-SPECIFIC PREGNANCY RATE:**

Number of live births plus fetal deaths plus induced abortions to women in a specified age group per 1,000 females in the population comprising the same specified age group. Overall pregnancy rate is the number of pregnancies per 1,000 females age 15-44.

**CAUSE OF DEATH:**

Deaths by cause are classified according to the International Classification of Diseases of the World Health Organization. In this report, the underlying cause of death is used to classify the cause. The underlying cause of death is either the disease or injury which initiated the train of events leading directly to death or the accident or violence which produced the fatal injury.

**CRUDE BIRTH RATE:**

Number of births per 1,000 population

**CRUDE DEATH RATE:**

Number of deaths per 1,000 population

**FERTILITY RATE:**

Total number of live births per 1,000 females in the population of age 15 through 44 years.

**FETAL DEATH:**

Death prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of the pregnancy. The death is indicated by the fact that, after expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. In the summary, only fetal deaths of 20 weeks or more are reported.

**FETAL DEATH RATE:**

Number of fetal deaths per 1,000 live births plus fetal deaths.

**GESTATION:**

The period of intrauterine development of the fetus, expressed in completed weeks, calculated from the first day of the last menstrual period.

**INFANT DEATH:**

A death of a live-born infant under one year of age.

**INFANT DEATH RATE:**

Number of infant deaths per 1,000 live births.

**LIVE BIRTH:**

The complete expulsion or extraction from its mother of a product of conception irrespective of the duration of pregnancy which, after such separation, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles whether or not the umbilical cord has been cut or the placenta is attached. Each product of such a birth is considered a live born.

**LIVE BIRTH ORDER:**

The number of live births to a particular woman, including the current birth.

**NEONATAL DEATH:**

A death of a live-born infant under 28 days of age.

**NEONATAL DEATH RATE:**

Number of neonatal deaths per 1,000 live births.

**RESIDENCE:**

The geographic area of the usual place of abode of the deceased at the time of death or of the mother in the case of a live birth or fetal death. This means, in general, the place where one lives and sleeps most of the time. However, when the usual residence is in a nursing home or other institution where the patient resided for the purpose of receiving care, residence is coded to the place, if known, where the patient lived prior to admission to the institution.

**TRIMESTER:**

One third of the total gestational period necessary for a full-term pregnancy. Thirteen weeks are allotted to each trimester. The count of weeks begins with the first day of the last menstrual period.

## **DATA COLLECTION INSTRUMENTS**



# Appendix – Figure 1

## Minnesota Department of Health - Office of the State Registrar - MN VRV2000 Input Form

### Documentation of Birth

1a Child's First Name		1b Child's Middle Name		1c Child's Last Name		1d Child's Suffix	
2 Date of Birth		3 Time of Birth		4 Sex		7 Place of Birth <input type="checkbox"/> Hospital <input type="checkbox"/> Enroute <input type="checkbox"/> Residence <input type="checkbox"/> Clinic/Doctor's Office <input type="checkbox"/> Found <input type="checkbox"/> Other(Specify) _____	
5 Plurality - Single, Twin, etc.		6 If Not Single Birth - Born First, Second, etc.					
8 Facility Name (If not institution, give street and number)		9 County of Birth		10 City or Township of Birth		11 Parents Want SSN for Child? <input type="checkbox"/> Yes <input type="checkbox"/> No	
12a Attendant's Name		12b Attendant's Title MD CNM DO Other Midwife TLM Other(Specify) _____					
12c Attendant's License Number		13 Attendant's Mailing Address (Street and Number, City, State, Zip)					
14a Mother's Present Name (First, Middle, Last, Suffix)				14b Maiden Surname			
15 Date of Birth		16 Birthplace (State or Foreign Country)			17 Marital Status		
18 Father's Name (First, Middle, Last, Suffix)		19 Date of Birth		20 Birthplace (State or Foreign Country)			
21a Residence of Mother (Street and Number)		21b State		21c County		21d City or Township	
21a Zip Code		21f Inside City Limits <input type="checkbox"/> Yes <input type="checkbox"/> No		22 Mother's Mailing Address (Only if different from residence)		23 If Unmarried, Does Mother Designate Birth Record Public? <input type="checkbox"/> Yes <input type="checkbox"/> No	
24 SSN of Parents		25 Education (Highest grade completed) Elem/Sec(9-12) _____ College(1-4 or 5+) _____		26 Race		27 Hispanic Origin	
Mother 24a		25a		26a		27a	
Father 24b		25b		26b		27b	
28 Birth Weight (Specify unit)		29 APGAR Score 29a 1 min _____ 29b 5 mins _____		30 Child's Medical Record Number		32a Hepatitis B Vaccine Given? <input type="checkbox"/> Yes <input type="checkbox"/> No	
				31 Mother's Medical Record Number		32b Hepatitis B Vaccine Date	
33 Date Last Normal Menses Began (Month, Day, Year)		34 Month of Pregnancy Prenatal Care Began - 1st, 2nd, etc.		35 Number of Prenatal Visits		36 Clinical Estimate of Gestational Age (Weeks)	
Live Births (Do not include this child)		Other Terminations (Spontaneous and induced at any time after conception)		38 Mother Transferred Prior to Delivery? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, enter name of facility transferred from: _____			
37a Now Living Number _____		37b Now Dead Number _____		37d Terminations Number _____		39 Child Transferred? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, enter name of facility transferred to: _____	
37c Date of Last Live Birth (Month, Year)		37e Date of Last Termination (Month, Year)		40 Health Plan Name		41 Child Alive at Time of Filing? <input type="checkbox"/> Yes <input type="checkbox"/> No	
42a Medical Risk Factors for this Pregnancy (Check all that apply)		43 Obstetric Procedures (Check all that apply)		48 Abnormal Conditions of Child (Check all that apply)			
(Check all that apply) ___ 00 None ___ 01 Anemia (Hct. <30/Hgb. <10) ___ 02 Cardiac disease ___ 03 Acute or chronic lung disease ___ 08 Diabetes, Gestational ___ 10 Diabetes, Pre-pregnancy ___ 05 Genital herpes ___ 06 Hydramnios/Oligohydramnios ___ 07 Hemoglobinopathy ___ 09 Hypertension, Chronic ___ 09 Hypertension, Pregnancy-associated ___ 10 Eclampsia ___ 11 Incompetent cervix ___ 12 Previous infant 4000+ grams ___ 13 Previous preterm or small for gest age infant ___ 14 Renal disease ___ 15 Rh sensitization ___ 16 Uterine bleeding ___ 17 Other (Specify) _____ ___ Unknown		___ 00 None ___ 01 Amniocentesis ___ 02 Electronic fetal monitoring ___ 03 Induction of labor ___ 04 Stimulation of labor ___ 05 Tocolysis ___ 06 Ultrasound ___ 07 Other (Specify) _____ ___ Unknown 44 Complications of Labor and/or Delivery (Check all that apply) ___ 00 None ___ 01 Fibrile (>100 deg F or 38 deg C) ___ 02 Meconium, moderate/heavy ___ 03 Premature rupture of membrane (> 12 hours) ___ 04 Abruptio placenta ___ 05 Placenta previa ___ 06 Other excessive bleeding ___ 07 Seizures during labor ___ 08 Precipitous labor (<3 hours) ___ 09 Prolonged labor (>20 hours) ___ 10 Dysfunctional labor ___ 11 Breech/Malpresentation ___ 12 Cephalopelvic disproportion ___ 13 Cord prolapse ___ 14 Anaxialtic complications ___ 15 Fetal distress ___ 16 Other (Specify) _____ ___ Unknown 45 Method of Delivery (Check all that apply) ___ 01 Vaginal ___ 02 Vaginal birth after previous C-section ___ 03 Primary C-section ___ 04 Repeat C-section ___ 05 Forceps ___ 06 Vacuum ___ Unknown		___ 00 None ___ 01 Anemia (Hct. <30/Hgb. <13) ___ 02 Birth Injury ___ 03 Fetal alcohol syndrome ___ 04 Hyaline membrane disease/RDS ___ 05 Meconium aspiration syndrome ___ 06 Assisted ventilation < 30 min ___ 07 Assisted ventilation >= 30 min ___ 08 Seizures ___ 09 Other (Specify) _____ ___ Unknown 47 Congenital Anomalies of Child (Check all that apply) ___ 00 None ___ 01 Anencephalus ___ 02 Spina bifida/meningocele ___ 03 Hydrocephalus ___ 04 Microcephalus ___ 05 Other central nervous system anomalies (Specify) _____ ___ 06 Heart malformations ___ 07 Other circulatory/respiratory anomalies (Specify) _____ ___ 08 Rectal atresia/stenosis ___ 09 Tracheo-esophageal fistula/Esophageal atresia ___ 10 Omphalocele/Gastroschisis ___ 11 Other gastrointestinal anomalies (Specify) _____ ___ 12 Malformed genitalia ___ 13 Renal agenesis ___ 14 Other urogenital anomalies (Specify) _____ ___ 15 Cleft lip/palate ___ 16 Polydactyl/Syndactyl/Adactyl ___ 17 Club foot ___ 18 Diaphragmatic hernia ___ 19 Other musculoskeletal/integumental anomalies (Specify) _____ ___ 20 Down syndrome ___ 21 Other chromosomal anomalies (Specify) _____ ___ 22 Other (Specify) _____ ___ Unknown			

Hospital Designee/Attendant Signature \_\_\_\_\_  
 (Non-institution Birth) (Signature and submission of form to MDH not required if filed electronically through MN VRV2000)

# Appendix – Figure 2

## Minnesota Department of Health - Office of the State Registrar - MN VRV2000 Documentation of Death For Administrative Use Only

1a Decedent's First Name		1b Decedent's Middle Name					
1c Decedent's Last Name		1d Decedent's Maiden Name		1e Prefix	1f Suffix	2 Sex	3 SSN
4a Alias' First Name		4b Alias' Middle Name		4c Alias' Last Name		4d Prefix	4e Suffix
5a Date of Death	5b Found <input type="checkbox"/> Yes <input type="checkbox"/> No	6 Date of Birth		7a Age (In years)		Under 1 Year 7b months 7c days	
						Under 1 Day 7d hours 7e minutes	
8 Birthplace (City, State or Foreign Country)		9 Father's Name (First, Middle, Last)			10 Mother's Name (First, Middle, Maiden)		
11a Marital Status <input type="checkbox"/> Married <input type="checkbox"/> Divorced <input type="checkbox"/> Widowed <input type="checkbox"/> Never Married		11b Spouse's Name (First, Middle, Last/Maiden)			12 Race		13 Hispanic Origin
14 Education (Highest completed)		15 Decedent's Usual Occupation		16 Kind of Business or Industry		17 U.S. Veteran <input type="checkbox"/> Yes <input type="checkbox"/> No	
18a Residence of Decedent (Street and Number)		18b State	18c County	18d City or Township		18e Zip Code	18f In City Limits <input type="checkbox"/> Yes <input type="checkbox"/> No
19a Informant's Name (First, Middle, Last)				19b Informant's Relationship			
20a. Place of Death (Specify One) <input type="checkbox"/> Hosp. <input type="checkbox"/> Hosp. <input type="checkbox"/> N.H. <input type="checkbox"/> Board/Care <input type="checkbox"/> Supervised Facility <input type="checkbox"/> Res. <input type="checkbox"/> Other (Specify)		20b Name of Facility Where Death Occurred (If not Institution, specify street address)					
		20c If Hospital (specify one) <input type="checkbox"/> Inpatient <input type="checkbox"/> ER <input type="checkbox"/> DOA <input type="checkbox"/> Other					
21 County of Death		22 City or Township of Death		23 Method of Disposition (Check all that apply) <input type="checkbox"/> Burial <input type="checkbox"/> Entombment <input type="checkbox"/> Donation <input type="checkbox"/> Cremation <input type="checkbox"/> Other (Specify)			
24 Date of Disposition		25a Cemetery Name					
25b Cemetery State		25c Cemetery City					
26a If Cremation, Specify Crematory Name		26b If Cremation, Specify Name of M.E./ Coroner Authorizing Cremation (First, Middle, Last)					
27a Funeral Director's License Number		27b Funeral Director's Name (First, Middle, Last)					
28a Funeral Home's Establishment Number		28b Funeral Home Responsible for Disposition					
29a Physician's Lic#	29b Physician's Name and Title <input type="checkbox"/> M.D. <input type="checkbox"/> Coroner/M.E. <input type="checkbox"/> D.O.						
30 Physician's Address (Street and Number, City, State, Zip)							
31 Dates that physician attended the deceased		32 Physician viewed the body after death					
31a From Date	31b To Date	31c Last Date visited deceased		<input type="checkbox"/> Yes <input type="checkbox"/> No			
33 Part I IMMEDIATE cause of death (that disease or condition resulting in death). a. _____ Due to (or as a consequence of)						Interval between onset and death	
b. _____ Due to (or as a consequence of)							
c. _____ Due to (or as a consequence of)							
d. _____ Due to (or as a consequence of)							
34 Part II Other significant conditions contributing to death but not resulting in the underlying cause given in Part I.							
35 Time of Death		36 Was Female Pregnant at Death? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			In Last 12 Months? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		
37 Manner of Death (If Manner of Death is not Natural then death must be referred to a M.E. or Coroner) <input type="checkbox"/> Natural <input type="checkbox"/> Accident <input type="checkbox"/> Homicide <input type="checkbox"/> Suicide <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Cannot be Determined <input type="checkbox"/> Not Classifiable							
38 Autopsy <input type="checkbox"/> Yes <input type="checkbox"/> No		39 Autopsy Results Available <input type="checkbox"/> Yes <input type="checkbox"/> No		40 M.E./Coroner Notified <input type="checkbox"/> Yes <input type="checkbox"/> No		41 Diagnosis Deferred <input type="checkbox"/> Yes <input type="checkbox"/> No	
						42 Injury Occurred <input type="checkbox"/> Yes <input type="checkbox"/> No	
43a Place of Injury (Street and Number, City, State, Zip)							
43b Describe How Injury Occurred							
43c Type of Place Where Injury Occurred			43d Date of Injury		43e Time of Injury		43f Injury at Work <input type="checkbox"/> Yes <input type="checkbox"/> No
Funeral Director/Mortician Signature _____ <small>(Signature and submission of form to MDH not required if filed electronically through MN VRV2000)</small>							
Coroner/Physician/ME Signature _____ <small>(Signature and submission of form to MDH not required if filed electronically through MN VRV2000)</small>							



# Appendix - Figure 3

Minnesota Department of Health - Office of the State Registrar - MN VRV2000 Input Form

## Report of Fetal Death

1a Fetus' First Name		1b Fetus' Middle Name		1c Fetus' Last Name		1d Fetus' Suffix	
2 Date of Delivery		3 Time of Delivery	4 Sex	5 Plurality - Single, Twin, etc.		6 If Not Single Delivery - Delivered First, Second, etc.	
7 Place of Delivery <u>    </u> Hospital <u>    </u> Residence <u>    </u> Enroute <u>    </u> Clinic/Doctor's Office <u>    </u> Other(Specify) <u>    </u>							
8 Facility Name (If not Institution, give street and number)				9 County of Delivery		10 City or Township of Delivery	
11a Mother's Present Name (First, Middle, Last)				11b Maiden Surname		12 Date of Birth	
13 Birthplace (State or Foreign Country)		14 Marital Status		15 Father's Name (First, Middle, Last, Suffix)		16 Date of Birth	
17a Residence of Mother (Street and Number)				17b State		17c County	
17d City or Township		17e Zip Code	17f Inside City Limits <u>    </u> Yes <u>    </u> No	18 Mother's Mailing Address (Only if different from residence)			
19 SSN of Parents		20 Education (Highest grade completed) Elem/Sec(0-12) <u>    </u> College(1-4 or 6+) <u>    </u>		21 Race		22 Hispanic Origin	
Mother 19a		20a		21a		22a	
Father 19b		20b		21b		22b	
23 Mother's Medical Record Number				24 Date Last Normal Menses Began (Month, Day, Year)		25 Month of Pregnancy Prenatal Care Began - 1st, 2nd, etc.	
26 Number of Prenatal Visits				Live Births (Do not include this fetus)		Other Terminations (Spontaneous and induced at any time after conception)	
27 Clinical Estimate of Gestational Age (Weeks)				29a Now Living Number <u>    </u>	29b Now Dead Number <u>    </u>	29d Terminations Number <u>    </u>	
28 Delivery Weight (Specify Unit)				29c Date of Last Live Birth (Month, Year)		29e Date of Last Termination (Month, Year)	
30a Medical Risk Factors for this Pregnancy (Check all that apply)			31 Obstetric Procedures (Check all that apply)			34 Congenital Anomalies of Fetus (Check all that apply)	
<input type="checkbox"/> 00 None <input type="checkbox"/> 01 Anemia (Hct. <30/Hgb. <10) <input type="checkbox"/> 02 Cardiac disease <input type="checkbox"/> 03 Acute or chronic lung disease <input type="checkbox"/> 18 Diabetes, Gestational <input type="checkbox"/> 19 Diabetes, Pre-pregnancy <input type="checkbox"/> 05 Genital herpes <input type="checkbox"/> 08 Hydramnios/Oligohydramnios <input type="checkbox"/> 07 Hemoglobinopathy <input type="checkbox"/> 08 Hypertension, Chronic <input type="checkbox"/> 09 Hypertension, Pregnancy-associated <input type="checkbox"/> 10 Eclampsia <input type="checkbox"/> 11 Incompetent cervix <input type="checkbox"/> 12 Previous infant >4000+ grams <input type="checkbox"/> 13 Previous preterm or small for gest age infant <input type="checkbox"/> 14 Renal disease <input type="checkbox"/> 15 Rh sensitization <input type="checkbox"/> 16 Uterine bleeding <input type="checkbox"/> 17 Other (Specify) <u>    </u> <input type="checkbox"/> Unknown			<input type="checkbox"/> 00 None <input type="checkbox"/> 01 Amniocentesis <input type="checkbox"/> 02 Electronic fetal monitoring <input type="checkbox"/> 03 Induction of labor <input type="checkbox"/> 04 Stimulation of labor <input type="checkbox"/> 05 Tocolytics <input type="checkbox"/> 06 Ultrasound <input type="checkbox"/> 07 Other (Specify) <u>    </u> <input type="checkbox"/> Unknown <b>32 Complications of Labor and/or Delivery</b> (Check all that apply) <input type="checkbox"/> 00 None <input type="checkbox"/> 01 Febrile (>100 deg F or 38 deg C) <input type="checkbox"/> 02 Meconium, moderate/heavy <input type="checkbox"/> 03 Premature rupture of membranes (> 12 hours) <input type="checkbox"/> 04 Abruptio placenta <input type="checkbox"/> 05 Placenta previa <input type="checkbox"/> 06 Other excessive bleeding <input type="checkbox"/> 07 Seizures during labor <input type="checkbox"/> 08 Precipitous labor (<3 hours) <input type="checkbox"/> 09 Prolonged labor (>20 hours) <input type="checkbox"/> 10 Dysfunctional labor <input type="checkbox"/> 11 Breech/Malpresentation <input type="checkbox"/> 12 Cephalopelvic disproportion <input type="checkbox"/> 13 Cord prolapse <input type="checkbox"/> 14 Anesthetic complications <input type="checkbox"/> 15 Fetal distress <input type="checkbox"/> 16 Other (Specify) <u>    </u> <input type="checkbox"/> Unknown <b>33 Method of Delivery (Check all that apply)</b> <input type="checkbox"/> 01 Vaginal <input type="checkbox"/> 02 Vaginal birth after previous C-section <input type="checkbox"/> 03 Primary C-section <input type="checkbox"/> 04 Repeat C-section <input type="checkbox"/> 05 Forceps <input type="checkbox"/> 06 Vacuum <input type="checkbox"/> 07 Hysterotomy/Hysterectomy <input type="checkbox"/> Unknown			<input type="checkbox"/> 00 None <input type="checkbox"/> 01 Anencephalus <input type="checkbox"/> 02 Spina bifida/meningocele <input type="checkbox"/> 03 Hydrocephalus <input type="checkbox"/> 04 Microcephalus <input type="checkbox"/> 05 Other central nervous system anomalies (Specify) <u>    </u> <input type="checkbox"/> 06 Heart malformations <input type="checkbox"/> 07 Other circulatory/respiratory anomalies (Specify) <u>    </u> <input type="checkbox"/> 08 Rectal atresia/stenosis <input type="checkbox"/> 09 Tracheo-esophageal fistula/Esoophageal atresia <input type="checkbox"/> 10 Omphalocele/Gastroschisis <input type="checkbox"/> 11 Other gastrointestinal anomalies (Specify) <u>    </u> <input type="checkbox"/> 12 Malformed genitalia <input type="checkbox"/> 13 Renal agenesis <input type="checkbox"/> 14 Other urogenital anomalies (Specify) <u>    </u> <input type="checkbox"/> 15 Cleft lip/palate <input type="checkbox"/> 16 Polydactyl/ybridactyl/Adactyl <input type="checkbox"/> 17 Club foot <input type="checkbox"/> 18 Diaphragmatic hernia <input type="checkbox"/> 19 Other musculoskeletal/integumental anomalies (Specify) <u>    </u> <input type="checkbox"/> 20 Down syndrome <input type="checkbox"/> 21 Other chromosomal anomalies (Specify) <u>    </u> <input type="checkbox"/> 22 Other (Specify) <u>    </u> <input type="checkbox"/> Unknown	
33 Part I Cause of Death. Enter the diseases, injuries or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line.							
Fetal or Maternal condition directly causing fetal death.				Fetal or Maternal		Approximate interval between onset and death	
a. <u>    </u>				<u>    </u>		<u>    </u>	
Fetal and/or Maternal conditions, if any, giving rise to the immediate cause.							
b. <u>    </u>							
c. <u>    </u>							
d. <u>    </u>							
Part II Other significant conditions contributing to the death.							
36 Period When Fetus Died <u>    </u> Before Delivery <u>    </u> During Labor or Delivery <u>    </u> Unknown				37 Autopsy <u>    </u> Yes <u>    </u> No		38 Autopsy Findings Considered in Determining Cause of Death <u>    </u> Yes <u>    </u> No	
39a Attendant's Name				39b Attendant's Title <u>    </u> MD <u>    </u> DO <u>    </u> CNM <u>    </u> TLM <u>    </u> Other Midwife <u>    </u> Other(Specify) <u>    </u>			
39c Attendant's License Number				40 Attendant's Mailing Address (Street and Number, City, State, Zip)			
41a Name of Person Completing Report				41b Title of Person Completing Report <u>    </u> Physician <u>    </u> M.E./Coroner <u>    </u> Hospital Staff <u>    </u> Other(Specify) <u>    </u>			
42 Funeral Home Name				43 Funeral Home City			
44 Method of Disposition <u>    </u> Burial <u>    </u> Cremation <u>    </u> Donation <u>    </u> Removal from State <u>    </u> Unknown <u>    </u> Other (Specify) <u>    </u>							
Hospital Designee/Attendant Signature <u>    </u> (Non-Institution Delivery) (Signature and submission of form to MDH not required if filed electronically through MN VRV2000)							