

2004 LOUISIANA VITAL STATISTICS REPORT

Louisiana Department of Health and Hospitals
Office of Public Health

Bobby Jindal
Governor

Alan P. Levine, BS, MHS, MBA
Secretary
Department of Health and Hospitals

Dr. Rony Francois, MD, MSPH, PhD
Assistant Secretary
Office of Public Health

Darlene W. Smith
Center Director and State Registrar
Center for Records and Statistics

A Publication of:
Louisiana Office of Public Health
State Center for Health Statistics
1450 L & A Road
Metairie, LA 70001
(504) 219-4515

Editors

Robert Starszak, MS, MPH
Manager, State Center for Health Statistics

Rafael A. Jarpa, MSc
Public Health Epidemiologist Supervisor

Production Staff: State Center for Health Statistics

Shamim Akhter, MD, MPH
Suresh N. Belame, MD, MPH

Staff at the State Center for Health Statistics

Shamim Akhter, MD, MPH
Suresh N. Belame, MD, MPH
Erum Bhutto MD, MPH
Joan Borstell, MS
Mohammad Iqbal Hossain, MD, MPH
Ya-Hui Hsueh, MSPH
Rafael A. Jarpa, MS
Nigel Lewis, MPH
Janet Reed
Robert Starszak, MS, MPH
Shenkang Yu, MS
JoAnn Medice
Shelia Rolland

All information in this report is available for public use. Any use of information in this report for identification of individuals is prohibited and punishable by Louisiana law (LSA R.S. 40:32, LSA R.S. 40:61B.3).

When using information extracted from this report, please reference the report with the following citation:

Louisiana Department of Health and Hospitals, Office of Public Health, Louisiana State Center for Health Statistics, 2004 Louisiana Vital Statistics Report.

Website: <http://www.dhh.louisiana.gov/offices/page.asp?id=275&detail=6624>

INTRODUCTION

The mission of the State Center for Health Statistics (CHS) within the Louisiana Department of Health & Hospitals, Office of Public Health is to collect and distribute accurate, comprehensible information vital to informed decision making on matters concerning individual and community health. The goal of the *2004 Louisiana Vital Statistics Report* is to present and explain the health surveillance data collected on the state's vital event certificates. CHS welcomes your feedback on the usefulness and clarity of this report.

The *2004 Louisiana Vital Statistics Report* describes health status data collected on Louisiana's vital event certificates of Live Birth, Spontaneous Fetal Death (stillbirth), Induced Termination of Pregnancy (induced abortion), Death, Marriage, and Divorce. Data collected on these certificates are used to describe trends and current status in infant and maternal health and in the causes of death most prevalent in race, Gender, and age groups. This basic surveillance of vital events is essential in identifying individual and community health concerns and in targeting and evaluating health education and service efforts.

This year's report contains eight chapters that describe vital event data and one chapter that presents supplemental information. The eight data chapters are "Summary of Vital Events", "Population", "Live Births", "Spontaneous Fetal Deaths", "Induced Terminations of Pregnancy", "Deaths", "Infant Mortality and Maternal Mortality", and "Marriage and Divorce". Each of these chapters contains text, tables, and charts describing state-level data.

The eight data chapters are followed by an ancillary chapter entitled "Technical Notes", which identifies data sources, describes data processing methods and assumptions, and provides a glossary of technical terms. A final section presents samples of various Certificates on which vital events are recorded for the State of Louisiana.

CONTENTS

Introduction	i
Contents	iii
Tables	vi
Figures	viii
Map of Louisiana.....	ix
SUMMARY OF VITAL EVENTS.....	1
Louisiana and the United States in 2004	3
Summary of Vital Events in 2004.....	4
Population	4
Live Birth	4
Spontaneous Fetal Death	5
Reported Induced Termination of Pregnancy	5
Death	5
Infant Mortality	6
Maternal Mortality	6
Marriage and Divorce	6
POPULATION.....	7
Use of Population Data in Vital Event Surveillance	9
Source of Data: Bridged-race population estimate, 2004.....	9
Population Estimates	9
LIVE BIRTHS:	13
Introduction.....	15
Birth Counts and Rates.....	16
Number of Births	16
Crude Birth Rate.....	16
Fertility Rates	17
Maternal Profile	17
Age of Mother.....	17
Birth Order.....	18
Race of Mother.....	19
Teen and Pre-Teen Births.....	19
Prenatal Care	21
Medical Risk Factors for Complications of Pregnancy.....	21
Tobacco and Alcohol Use during Pregnancy.....	24
Newborn Profile.....	24
Gender.....	24
Birthweight.....	25
Gestational Age.....	28
Congenital Anomalies	28
Delivery Characteristics: Medical Procedures, Complications, and Facilities	31
Obstetric Procedures.....	31
Complications of Labor and/or Delivery	34
Method of Delivery	35
References.....	35

SPONTANEOUS FETAL DEATHS: State Summary 41

- Introduction 43
- Fetal Death Counts and Rates..... 44
- Maternal Profile 45
 - Race and Age 45
 - Prenatal Care..... 47
 - Medical Risk Factors for Complications of Pregnancy 47
 - Tobacco and Alcohol Use During Pregnancy..... 48
- Cause of Death 48
- References..... 53

INDUCED TERMINATION OF PREGNANCY: State Summary 55

- Introduction 57
- Induced Termination Counts..... 57

DEATHS: State Summary..... 37

- Introduction 39
- Number and Rates of Death 40
 - Crude Death Rate..... 40
 - Age-Adjusted Death Rate..... 41
- Leading Causes of Death..... 41
- Louisiana and United States Death Rates 41
- 1994-2004 Louisiana Death Rates 43
- Deaths by Demographic Group 46
 - Mortality by Gender 46
 - Mortality by Race 47
 - Mortality by Gender and Race..... 50
 - Mortality by Age 51
 - Mortality by Age and Gender..... 52
 - Mortality by Age and Race 54
 - Mortality by Age, Gender, and Race 55
 - Mortality by Selected Causes of Death: Crude and Age-Adjusted Rates 56

INFANT AND MATERNAL MORTALITY: State Summary 83

- Introduction 85
- Maternal Mortality Counts and Rates 86
- Infant Mortality Counts and Rates..... 88
 - Infant Mortality by Infant Race..... 89
 - Infant Mortality by Infant Gender and Race..... 91
- Causes of Infant Death 91
 - Leading Causes of Infant Death 91
 - Leading Causes of Infant Death by Race and Infant Gender 94
 - Infant Mortality by Selected Causes of Infant Death 94

MARRIAGE AND DIVORCE: State Summary..... 137

- Introduction 139
- Marriage 140
 - Counts and Rates..... 140
 - Age of Bride and Groom..... 141
 - Prior Marital Status..... 142
 - Race of Bride and Groom..... 144
 - Month of Marriage 144
- Divorce 145
 - Rates by Parish of Occurrence 145

TECHNICAL NOTES 147

- Data Sources, Completeness, and Imputations 149
 - Sources of Data 149
 - Completeness of Data 149
 - Missing Data 150
 - Place of Residence vs. Place of Occurrence 150
 - Cities Located in Two Parishes 150
 - Comparability of National and State Data 150
- Parish and Region Tables 151
 - Parish Tables 151
 - Region Tables 151
- Population Data 152
 - Birth Data 153
 - Race 153
 - Place of Residence 153
 - Adequate Prenatal Care 153
 - Weight Equivalents 153
 - Gestational Age 154
 - Birthweight 154
 - Number of Prenatal Visits 154
 - Birth Rates for Mothers Under Age 15 Years and Over Age 45 Years 154
 - Spontaneous Fetal Death Data (Stillbirth) 155
 - Definition of a Spontaneous Fetal Death 155
 - Estimation of Gestational Age 155
 - Cause of Death Coding 155
 - Death Data 158
 - Place of Residence 158
 - Cause of Death Coding 158
 - Definitions 164
 - Calculation of Rates and Ratios 171

CERTIFICATE FACSIMILES 173

TABLES

POPULATION

- 1.1 Population, Louisiana, 1945-2004 10
- 1.2 Population by Gender, Race, and Age Group, Louisiana, 2004 10
- 1.3 Percent of Total Population by Gender and Age Group, Louisiana and United States, 2004 11
- 1.4 Population Counts by Parish, Louisiana, 2004 11

LIVE BIRTHS

Live Births: State Summary

- 2.1 Number of Live Births, Crude Birth Rates, and Percent Changes, Louisiana and United States, 1985-2004 17
- 2.2 First Birth Rates by Maternal Age, Louisiana and United States, 1994-2004 17
- 2.3 Number of Live Births by Birth Order, Age and Race of Mother, Louisiana, 2004 18
- 2.4 Number of Live Births by Maternal Age and Race, Louisiana, 2004 19
- 2.5 Teenage Birth Rates by Maternal Age-Group 15-19, Louisiana and United States, 1994-2004 20
- 2.6 Teens and Pre-Teens: Age-Specific Birth Rates by Maternal Race, Louisiana, 2004 20
- 2.7 Percents of Live Births to Women Entering Prenatal Care in the First Trimester of Pregnancy, Louisiana and United States. Selected years 1995-2004 21
- 2.8 Counts of Medical Risk Factors for the Pregnancy by Maternal Age and Race, Louisiana, 2004 22
- 2.9 Use of Tobacco and Alcohol during Pregnancy by Maternal Age and Race, Louisiana, 2004 24
- 2.10 Counts of Live Births by Infant Gender and Maternal Race, Louisiana, 2004 24

2.11 Percent of Live Births Less than 2500 Grams, Louisiana and United States, 1995-2004..... 25

2.12 Percent of Live Births Less than 2500 Grams by Maternal Race, Louisiana and United States, 2004 25

2.13 Percent of Live Births Less than 2500 Grams by Maternal Age and Race, Louisiana, 2004..... 26

2.14 Percent of Live Births Less than 1500 Grams by Maternal Age and Race, Louisiana, 2004..... 26

2.15 Number of Live Births by Live Birth Order and Birthweight, Louisiana, 2004..... 27

2.16 Number and Percent of Live Births by Infant Birthweight, Infant Gender, and Maternal Race, Louisiana, 2004..... 27

2.17 Number of Live Births by Birthweight, Maternal Age and Maternal Race, Louisiana, 2004..... 28

2.18 Counts of Abnormal Conditions of the Newborn by Maternal Age and Race, Louisiana, 2004 29

2.19 Counts of Congenital Anomalies by Type of Anomaly and Maternal Age, Louisiana, 2004 30

2.20 Number of Obstetric Procedures by Maternal Age and Race, Louisiana, 2004..... 31

2.21 Counts of Complications of Labor and/or Delivery by Maternal Age and Race, Louisiana, 2004 32

2.22 Number of Deliveries by Method of Delivery, Maternal Age, and Maternal Race, Louisiana, 2004..... 34

SPONTANEOUS FETAL DEATHS

Spontaneous Fetal Deaths: State Summary

3.1 Number and Rates of Fetal Deaths, Louisiana, 1994-2004 44

3.2 Fetal Mortality Rates, Louisiana and United States, 1994-2004 45

3.3 Fetal Mortality Rates by Maternal Race, Louisiana, 1994-2004..... 46

3.4 Fetal Mortality Rates by Maternal Race, Louisiana and United States, 1994-2004..... 46

3.5 Fetal Mortality Rates by Maternal Race and Age, Louisiana, 2004 47

3.6 Number and Rates of Fetal Deaths by Prenatal Care Status and Race, Louisiana, 2004..... 47

3.7 Number of Fetal Deaths by Medical Risk Factors for Complications of Pregnancy and Maternal Race, Louisiana, 2004..... 48

3.8 Number and Ratio of Reported Fetal Deaths by Selected Causes of Death, Maternal Age and Race, Louisiana, 2004..... 49

INDUCED TERMINATIONS OF PREGNANCY

Induced Terminations of Pregnancy: State Summary

4.1 Counts of Induced Terminations of Pregnancy by Age Group, Reported Occurrences in Louisiana, 1994-2004 57

4.2 Induced Terminations of Pregnancy by Weeks of Gestation and Type of Procedure, Reported Occurrences in Louisiana, 2004 58

4.3 Number of Induced Terminations of Pregnancy by Weeks of Gestation, Age, Race, and Marital Status, Reported Occurrences in Louisiana, 2004 59

DEATHS

Deaths: State Summary

5.1 Number and Rates of Deaths, Louisiana and United States, 1985-2004..... 41

5.2 Rankings, Counts, and Rates for the Ten Leading Causes of Death, Louisiana and United States, 2004 42

5.3 Crude Death Rates for Selected Leading Causes of Death, Louisiana, 1995-2004 45

5.4 Rankings, Numbers, and Rates for the Leading Causes of Death by Gender, Louisiana, 2004..... 46

5.5 Rankings, Number, and Rates for the Leading Causes of Death by Race, Louisiana, 2004 48

5.6 Age-Adjusted Death Rates for the Five Leading Causes of Death by Gender and Race, Louisiana, 2004 50

5.7 Rankings and Counts for the Five Leading Causes of Death by Age Groups <1-34, Louisiana, 2004..... 51

5.8 Rankings and Counts for the Five Leading Causes of Death by Age Groups 35-85+, Louisiana, 2004..... 52

5.9 Death Counts and Rates by Age Group and Gender, Louisiana, 2004..... 53

5.10 Death Counts and Rates by Age Group and Race, Louisiana, 2004 55

5.11 Death Counts and Rates by Age Group, Gender, and Race, Louisiana, 2004 56

5.12 Deaths (Exclusive of Stillbirths) by Selected Causes, Gender, Race, and Age, Louisiana Residents, 2004 57

INFANT AND MATERNAL MORTALITY

Infant and Maternal Mortality: State Summary

6.1	Number and Rates of Maternal Deaths by Race and Age, Louisiana, 1994-2004	86
6.2	Maternal Deaths by Place of Occurrence, Reallocated to Mothers Usual Residence and Shown by Age and Race of Mother, Louisiana, 2004	86
6.3	Number of Infant Deaths and Infant Mortality Rates, Louisiana and United States, 1984-2004	89
6.4	Infant Mortality Rates by Age at Death and Infant Race, Louisiana, 2004.....	89
6.5	Infant Mortality Rates, Neonatal Mortality Rates, and Postneonatal Mortality Rates Louisiana and United States, 1983-2004	90
6.6	Infant Mortality Rates by Infant Gender and Race, Louisiana, 1993-2004.....	91
6.7	Number of Deaths for Leading Causes of Infant Deaths by Age at Death, Louisiana, 2004	92
6.8	Crude Death Rates for Leading Causes of Infant Death, Louisiana, 1992-2004	93
6.9	Infant Death (Exclusive of Fetal Deaths) by Selected Causes, Gender, Race, and Age, Louisiana, 2004	94

MARRIAGE AND DIVORCE

Marriage and Divorce: State Summary

7.1	Numbers of Marriages by Parish, Louisiana, 2004.....	140
7.2	Marriages in Louisiana and United States, 1990-2004.....	141
7.3	Number of Marriages by Age of Groom and Age of Bride, Louisiana, 2004	141
7.4	Average and Median Ages of Brides and Grooms, Louisiana, 1993-2004	142
7.5	Marriage Rates by Gender and Age, Selected Years, Louisiana, 1991-2004.....	142
7.6	Number of Marriages by Previous Marital Status of Bride and Groom, Louisiana, 2004.....	143
7.7	Percents of Marriages by Previous Marital Status, Selected Years, Louisiana, 1991-2004	143
7.8	Average and Median Age of Bride and Groom at this Marriage by Previous Marital Status, Louisiana, 2004	143
7.9	Number of Marriages by Race of Groom and Race of Bride, Louisiana, 2004	144
7.10	Number and Percent of Marriages by Month of Occurrence, Louisiana, 2004	144
7.11	Divorce Rates by Parish of Occurrence, Louisiana, 1998-2004.....	145

FIGURES**LIVE BIRTHS**

2.1	Number of Live Births and Crude Birth Rates, Louisiana, 1957-2004	16
2.2	Crude Birth Rates, Louisiana and United States, 1957-2004	16
2.3	Percent of Live Births Less than 2500 Grams by Trimester of Entry into Prenatal Care, Louisiana, 2001.....	29

SPONTANEOUS FETAL DEATHS

3.1	Fetal Death Counts and Mortality Rates, Louisiana, 1992-2004.....	44
-----	---	----

INDUCED TERMINATIONS OF PREGNANCY

4.1.	Percents of Induced Terminations of Pregnancy by Single Weeks of Gestation at the Time of the Termination, Reported Occurrences in Louisiana, 2004	58
------	---	----

DEATHS

5.1	Death Counts and Crude Death Rates, Louisiana, 1984-2004	40
5.2	Crude Death Rates, Louisiana and United States, 1984-2004.....	40
5.3	Percents of Deaths from the Five Leading Causes of Death, Louisiana, 2004	42
5.4	Age-Adjusted Death Rates for the Ten Leading Causes of Death, Louisiana and United States, 2004.....	43
5.5	Crude Death Rates for Heart Disease and Cancer, Louisiana, 1994-2004.....	44
5.6	Crude Death Rates for Cerebrovascular Diseases and Accidents, 1994-2004	44
5.7	Crude Death Rate for Diabetes, Louisiana, 1994-2004.....	45

5.8 Crude Death Rates by Gender, Louisiana, 1986-2004..... 46

5.9 Crude Death Rates for the Leading Causes of Death by Gender, Louisiana, 2004..... 47

5.10 Crude Death Rates by Race, Louisiana, 1994-2004 48

5.11 Crude Death Rates for the Leading Causes of Death by Race, Louisiana, 2004..... 50

5.12 Age-Adjusted Death Rates for Selected Leading Causes of Death by Race-Gender,
Louisiana 2004 51

5.13. Death Rates by Age Groups 1-54 and Gender, Louisiana, 2004..... 52

5.14. Death Rates by Age Groups 55 and over, and Gender, Louisiana, 2004..... 53

5.15. Death Rates by Age Groups 1-54 and Race, Louisiana, 2004 54

5.16. Death Rates by Age Groups 55 and over, and Race, Louisiana, 2004 54

INFANT AND MATERNAL MORTALITY

Infant and Maternal Mortality: State Summary

6.1 Infant Death Counts and Infant Mortality Rates, Louisiana, 1952-200..... 88

6.2 Infant Mortality Rates, Louisiana and United States, 1952-2004 88

6.3 Infant Mortality Rates by Race, Louisiana and United States, 1982-2004..... 90

6.4 Infant Mortality Rates by Infant Gender and Race, Louisiana, 1992-2004 91

6.5 Rates for Selected Leading Causes of Infant Death, Louisiana, 1992-2004 92

6.6 Rates for Selected Leading Causes of Infant Death, Louisiana, 1992-2004..... 93



OLDEST, YOUNGEST, ETC... IN 2003

Oldest Bride: 92 years	Youngest Bride: 12 years
Oldest Groom: 98 years	Youngest Groom: 15 years
Oldest Mother: 64 years	Highest Birth Order: 21
Oldest Father: 76 years	Largest Live Birth: 7110 grams
Oldest Female Decedent: 113 years	
Oldest Male Decedent: 110 years	

EACH DAY IN LOUISIANA IN 2003* THERE WERE ON AVERAGE:

<u>177 Live Births</u>	<u>116 Deaths</u>	1 Fetal Death
26 to teens aged 15 -19	31 from heart disease	2 Infant Deaths
84 to unmarried mothers	26 from cancer	29 Induced Terminations of Pregnancy
19 low weight births	7 from cerebrovascular disease	102 Marriages
54 cesarean sections	6 from unintentional injuries	
	5 from diabetes mellitus	
	3 from motor vehicle injuries	
	2 from homicide	

* Note that numbers are approximate averages, derived by dividing total numbers of each event by 365 (days in a standard year). Since all results are rounded down to the closest whole number, calculation of total events from these numbers may underestimate the true total.

LOUISIANA AND THE UNITED STATES IN 2003

Vital Event	Louisiana	U.S.*
Live Births		
Birth Rate per 1,000 population	14.4	14.1
Teen Birth Rate per 1,000 women aged 15 through 19	55.6	41.6
Percent of total births to Unmarried Women	47.5 %	34.6 %
Percent of total births with 1 st Trimester Entry into Prenatal Care	84.1 %	84.1 %
Percent of total births that were Low Weight (<2500 grams or 5lbs. 8oz.)	10.7 %	7.9 %
Percent of total births delivered by Cesarean method	31.7 %	27.5 %
Fetal Deaths		
Fetal Mortality Rate (20+ weeks gestation)	7.1	6.2
Deaths		
Age-Adjusted Death Rate per 100,000 (2000 Standard Population) for:		
Diseases of the Heart	271.8	232.3
Malignant Neoplasms	220.2	190.1
Cerebrovascular Diseases	59.9	54.2
Accidents	48.3	37.3
Diabetes Mellitus	40.6	25.6
Chronic Lower Respiratory Diseases	40.6	43.3
Alzheimer's Disease	28.9	21.4
Nephritis, Nephrotic Syndrome, and Nephrosis	25.0	14.4
Influenza and Pneumonia	22.0	22.0
Septicemia	19.2	11.6
Infant Mortality		
Infant Mortality Rate per 1,000 live births	9.3	6.8
Maternal Mortality		
Maternal Mortality Rate per 100,000 live births	18.6	12.1
Marriages		
Marriage Rate per 1,000 population	8.3	7.7
Divorces		
Divorce Rate per 1,000 population	3.4	3.8**
* U.S. Live Birth Data: National Center for Health Statistics, National Vital Statistics Report 54:2 (Sep. 2005).		
** U.S. Live Birth Data: National Center for Health Statistics, National Vital Statistics Report 54:20 (July. 2006).		

SUMMARY OF VITAL EVENTS IN 2003**POPULATION**

State population¹: 4,496,334

Louisiana has the 24th largest population among the fifty states.²

Percent of population in race group: 64.7% white, 33.2% black, 2.2% other race.

The national breakdown by race is 81.3% white, 13.1% black, and 5.6% other race.³

LIVE BIRTH

Number of births: 64,689

In 2003 the total number of births was 64,689 and 64,755 in 2002.

Birth Rate: 14.4 live births per 1,000 population

This is the lowest state birth rate in more than half a century.

Fertility Rate: 65.8 live births per 1,000 women aged 15-44 years

Following a high fertility rate of 80.7 in 1982, Louisiana's fertility rate declined steadily to 64.9 in 1996. Since 1996 the state's fertility rate has remained relatively stable around 66.1.

Number of births to teens aged 15-19 years: 9,452

In Louisiana, 14.6 % of the total live births were from mothers 15-19 years old.

Birth Rate in teens aged 15-19 years: 55.6 live births per 1,000 women aged 15-19

In Louisiana, the teen birth rate went slightly down compared to 57.8 in 2002.

Percent of births to unmarried mothers: 47.5% of total live births

This is a slight increase from the 2002 figure of 47.0%.

Percent of live births receiving prenatal care in the first trimester: 84.1% of total live births

The percent of live births receiving prenatal care in the first trimester has increased steadily during the 1990s.

Percent of live births less than 2500 grams: 10.7% of total live births

In recent years, Louisiana has seen a steady rise in the percentage of low birth weight babies, from 9.4% of total births in 1992.

Percent of live births delivered by cesarean section: 31.7% of total live births

Of all live births in Louisiana in 2003, 31.7% were primary or repeat cesarean deliveries.

SPONTANEOUS FETAL DEATH
 (State criteria: 20+ weeks gestation or 350+ grams weight)

Number of fetal deaths: 514

In comparison, there were 512 fetal deaths in Louisiana in 2002.

Fetal Mortality Rate³: 7.9 in 2003.

REPORTED INDUCED TERMINATION OF PREGNANCY

Number of reported induced terminations performed in Louisiana: 10,642

This is an increase of 191, from the 10,451 terminations reported in the state in 2002.

DEATH

Number of deaths: 42,297

In 2003 the total number of deaths was 42,297 and in 2002 the death count was 41,797.

Crude Death Rate: 940.7 deaths per 100,000 population

In 2003, the crude death rate was 940.7 deaths per 100,000 population.

Ten Leading Causes of Death - Crude and Age-Adjusted Death Rates

In Louisiana the ten leading causes of death and their associated rates are:

Cause of Death	Crude Rate Per 100,000 Population	Age-Adjusted Rate* per 100,000
Diseases of the Heart	271.8	271.8
Malignant Neoplasms	220.2	220.2
Cerebrovascular Disease	59.9	59.9
Accidents	48.3	48.3
Diabetes Mellitus	40.6	40.6
Chronic Lower Respiratory Diseases	40.6	40.6
Alzheimer's Disease	28.9	28.9
Nephritis, Nephrotic Syndrome, and Nephrosis	25.0	25.0
Influenza and Pneumonia	22.0	22.0
Septicemia	19.2	19.2

* The age-adjusted rate is based upon the 2000 Standard Population.

INFANT MORTALITY**Number of infant deaths: 604**

In 2003 there were 604 infant deaths and 661 in 2002.

Infant Mortality Rate: 9.3 infant deaths per 1,000 live births

In 2003 infant mortality rate was 9.3 and the rate for 2002 was 9.8.

MATERNAL MORTALITY**Number of Maternal Deaths: 12**

In Louisiana, the number of maternal deaths was 12 in 2003.

MARRIAGE AND DIVORCE**Number of Marriages: 37,288**

This is an increase of 743 marriages from the 36,545 marriages that occurred in 2002.

Number of Covenant Marriages: 408

This choice became available to Louisiana residents in August 1997.

Number of Divorces: 15,230

Divorce reports were submitted by all 64 Louisiana parishes in 2003.

¹ United States Census Bureau. "U.S. Bureau of the Census" <http://www.census.gov>

² Bridged-Race Postcensal Population Estimates 2003, U.S. Bureau of the Census.

³ Ibid.



INTRODUCTION

Use of Population Data in Vital Event Surveillance

Simple counts of information collected on vital certificates or forms are helpful in planning provisions for health services since they document the number of people who experience health events in a particular geographic area.

When questions concerning comparisons between population groups arise, however, simple counts are often misleading because they do not account for differences in the composition of the groups. For example, more people die in towns where the majority of the inhabitants are elderly than in towns with a majority of young adults, simply because older people die more often than younger people do. Solely relying on counts as a measure of the magnitude of the vital event would deceptively imply that the town with a greater majority of elderly people has an abnormally high occurrence of death. Statisticians calculate rates in order to address these and other concerns related to the comparison of groups within a population. Rates provide a way to relate the number of events that occurred to the population in which they occurred. They are calculated by dividing the number of events by the number of people in the group, then multiplying the quotient by an appropriate enlarging factor (typically 1,000 or 100,000) to provide an understandable integer. As is often the case, when the number of individuals in a group where the event occurred is not known, census population data are used to estimate the number.

Louisiana population figures provide a frame of reference for examining the vital events that occur within the resident population within a particular year. State population figures are used to calculate the overall rates at which births and deaths occur throughout the state.

Source of Data: 2004 estimate from United States Census Bureau and Bridged-Race Population Estimate (NCHS)

For the years that fall between the ten-year censuses counts, intercensal population estimates are calculated by the United States Census Bureau. These estimates of yearly populations are based on determinations of the number of births, deaths, and migrations into and out of the state on an annual basis.

Detailed intercensal estimates for 2004 were calculated based on data provided by the U.S. Bureau of the Census in their Bridged-Race Postcensal Population Estimates 2004. Data from the same source were used in the calculation of rates in this report.

Population Estimates

The 2004 US Census estimate placed the number of Louisiana residents at 4,515,770. Historical estimates of the total Louisiana population are shown in Table 1.1.

Table 1.1: Population, Louisiana, 1945-2004

Year	Population	Year	Population	Year	Population
1945	2,429,000	1965	3,496,000	1985	4,408,118
1946	2,556,000	1966	3,550,000	1986	4,406,919
1947	2,579,000	1967	3,581,000	1987	4,344,148
1948	2,596,000	1968	3,603,000	1988	4,288,863
1949	2,634,000	1969	3,619,000	1989	4,252,894
1950	2,697,000	1970	3,644,637	1990	4,219,179
1951	2,769,000	1971	3,710,487	1991	4,240,150
1952	2,842,000	1972	3,761,646	1992	4,270,849
1953	2,866,000	1973	3,788,375	1993	4,284,749
1954	2,883,000	1974	3,820,109	1994	4,306,500
1955	2,946,000	1975	3,886,104	1995	4,327,978
1956	3,032,000	1976	3,950,605	1996	4,338,763
1957	3,115,000	1977	4,014,459	1997	4,351,390
1958	3,155,000	1978	4,068,579	1998	4,362,758
1959	3,208,000	1979	4,137,665	1999	4,372,035
1960	3,260,000	1980	4,205,900	2000	4,468,976
1961	3,287,000	1981	4,283,303	2001	4,470,368
1962	3,345,000	1982	4,352,608	2002	4,482,646
1963	3,377,000	1983	4,395,316	2003	4,496,334
1964	3,446,000	1984	4,400,477	2004	4,515,770

Source: U.S. Bureau of the Census

Estimates grouped by sex, race, and age describe the population's composition and are used to calculate rates for comparing vital events among population subgroups (Table 1.2). The approximately equivalent 2004 estimates were used for calculation.

Table 1.2: Percent* of Total Population by Gender, Race and Age Group Louisiana and United States, 2004

Gender	Race	Age Group (years)						All Ages
		<5	5-19	20-44	45-64	65-84	85+	
Male	White	28.4	29.4	32.2	34.4	32.8	21.9	31.8
	Black	21.6	20.6	15.8	12.9	9.1	7.1	15.7
	Other	1.0	1.2	1.3	1.0	0.6	0.4	1.1
Female	White	27.1	27.8	31.6	35.2	43.0	53.3	32.8
	Black	20.9	20.0	17.9	15.5	13.9	16.8	17.6
	Other	1.0	1.1	1.2	1.0	0.7	0.5	1.1

Source: Bridged-Race Population Estimates 2004, U.S. Bureau of the Census
 Calculated based on data provided by the U.S. Bureau of the Census

*Note: may not add to 100.0 due to rounding

2004 population estimates for each of Louisiana's 64 parishes (counties) show the distribution of the total population across the state. Parish-level populations are shown in table 1.3.

**Table 1.3: Population Counts by Parish
Louisiana, 2004**

Parish	2004 Parish Estimate	Parish	2004 Parish Estimate
Acadia	59,168	Madison	12,996
Allen	25,407	Morehouse	30,551
Ascension	87,164	Natchitoches	38,741
Assumption	23,234	Orleans	462,269
Avoyelles	41,981	Ouachita	148,355
Beauregard	34,094	Plaquemines	28,969
Bienville	15,361	Pointe Coupee	22,537
Bossier	104,080	Rapides	128,013
Caddo	251,506	Red River	9,606
Calcasieu	184,961	Richland	20,485
Caldwell	10,837	Sabine	23,616
Cameron	9,681	St. Bernard	65,554
Catahoula	10,627	St. Charles	50,073
Claiborne	16,471	St. Helena	10,309
Concordia	19,724	St. James	21,146
DeSoto	26,231	St. John	45,581
East Baton Rouge	412,633	St. Landry	89,635
East Carroll	8,954	St. Martin	50,453
East Feliciana	20,950	St. Mary	52,189
Evangeline	35,451	St. Tammany	213,553
Franklin	20,812	Tangipahoa	105,158
Grant	19,139	Tensas	6,176
Iberia	74,449	Terrebonne	106,523
Iberville	32,497	Union	22,894
Jackson	15,278	Vermilion	54,751
Jefferson	453,590	Vernon	49,545
Jefferson Davis	31,235	Washington	44,161
Lafayette	195,707	Webster	41,254
Lafourche	92,157	West Baton Rouge	21,880
LaSalle	14,161	West Carroll	11,963
Lincoln	42,382	West Feliciana	15,108
Livingston	105,653	Winn	16,151

Source: Louisiana Technical University, Research Division, July 2004.



LIVE BIRTHS

INTRODUCTION

Live birth is a product of conception that shows any sign of life after delivery, irrespective of the duration of pregnancy. Signs of life include breathing, heartbeat, pulsation of the umbilical cord, definite movement of voluntary muscles, or any other evidence of life, whether or not the umbilical cord has been cut or the placenta is attached. The terms "live birth" and "birth" are used interchangeably in this chapter.

Birth certificates serve as legal records of birth and identification. They also provide surveillance data used to monitor fertility trends, population composition and growth, and patterns in prenatal and postnatal conditions that affect the immediate and future health of newborns and mothers. Information monitored through birth surveillance includes adequacy of prenatal care, obstetric procedures, complications during delivery, method of delivery, and infant birthweight. Examination of surveillance data helps identify mothers and infants at high risk of poor outcomes and enables effective targeting of research, educational efforts, and services to reduce this risk.

Source of Data: Certificate of Live Birth

The birth section of this report is based on live births that occurred to Louisiana residents during the 2004 calendar year. The *Certificate of Live Birth* is the source document for these data. All original birth certificates are routed to the Vital Records Registry in New Orleans. Birth attendants, usually physicians or licensed midwives are responsible for recording the required information on birth certificates. Louisiana law requires that the birthing facility or attendant send the original birth record to the Vital Records Registry within fifteen days of the birth and that the identities of persons included in the birth registry are kept confidential.

Unless otherwise noted, all statistics reported here are for births to Louisiana residents, regardless of the state in which the birth occurred. The Vital Statistics Cooperative Program, a nationwide system of information interchange among all states and territories, makes possible the reporting of out-of-state births to Louisiana residents. As a result of the 1991 implementation of Louisiana's Electronic Birth Certificate (EBC) program, approximately 85% of all births are reported electronically by the hospital at which the birth occurred. Matching of infant death certificates with the corresponding birth certificates estimates that birth registration in Louisiana is approximately 97% complete.⁽¹⁾

BIRTH COUNTS AND RATES

Number of Births

In the year 2004, there were 64,956 live births to Louisiana residents (Figure 2.1, Table 2.1).

Crude Birth Rate

Changes in crude birth rates reflect changes in the number and age distribution of women of childbearing age. Because crude birth rates relate the number of live births to the total population in an area, without regard to the age or sex distribution of the population, they are useful in projecting population changes in the area.

Louisiana's 2004 crude birth rate was 14.4 live births per 1,000 population. The national rate was 14.0 (Figure 2.2, Table 2.1) ⁽²⁾.

Figure 2.1: Number of Births and Crude Birth Rates, Louisiana, 1959-2004

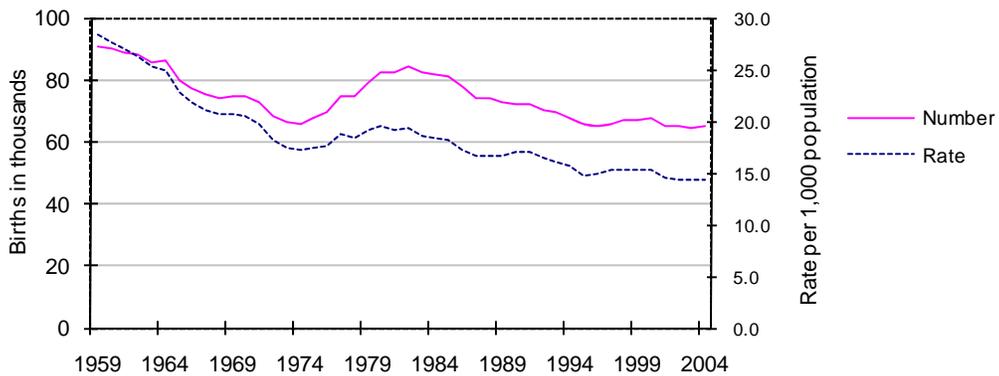
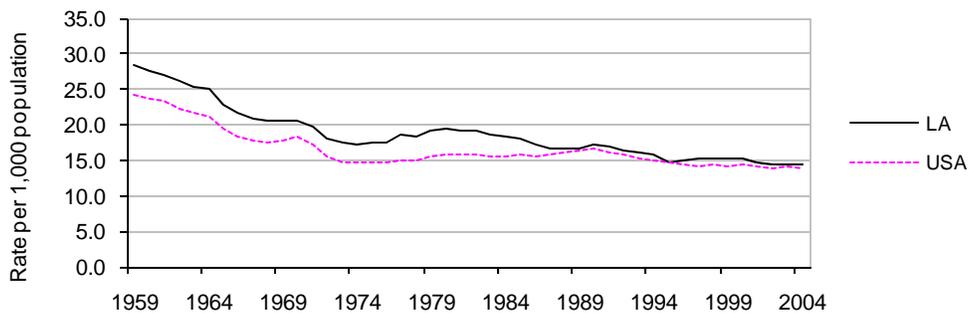


Figure 2.2: Crude Birth Rates, Louisiana and United States, 1959-2004



Source: Louisiana State Center for Health Statistics.
National Vital Statistics Report, Vol.55, No.1, September 29, 2006.

Table 2.1: Number of Live Births, Crude Birth Rates, and Percent Changes, Louisiana and United States, 1985-2004

Year	Louisiana				United States			
	Number	% change from previous year	Rate ⁺	% change from previous year	Number	% change from previous year	Rate ⁺	% change from previous year
1985	81,401	0.0	18.1	-1.1	3,760,561	0.8	15.8	1.3
1986	77,944	-4.2	17.3	-4.4	3,756,547	-0.1	15.6	-1.3
1987	73,952	-5.1	16.6	-4.0	3,809,394	1.4	15.7	0.6
1988	73,887	-0.1	16.7	0.6	3,909,510	2.6	16.0	1.9
1989	72,639	-1.7	16.6	-0.6	4,040,958	3.4	16.4	2.4
1990	72,121	-0.7	17.1	3.0	4,158,212	2.9	16.7	1.8
1991	72,080	-0.1	17.0	-0.6	4,110,907	-1.1	16.3	-2.5
1992	70,502	-2.2	16.4	-3.5	4,065,014	-1.1	15.9	-2.5
1993	69,328	-1.7	16.1	-1.8	4,000,240	-1.6	15.5	-2.6
1994	67,802	-2.2	15.7	-2.5	3,952,767	-1.2	15.2	-2.0
1995	65,574	-3.3	14.7	-6.4	3,899,589	-1.3	14.8	-2.7
1996	65,186	-0.6	15.0	2.0	3,891,494	-0.2	14.7	-0.7
1997	65,947	1.2	15.2	1.3	3,880,894	-0.3	14.5	-1.4
1998	66,773	1.3	15.3	0.7	3,941,553	1.6	14.6	0.7
1999	67,034	0.4	15.3	0.0	3,959,417	0.5	14.5	-0.7
2000	67,843	1.2	15.2	-0.7	4,058,814	2.5	14.4	-0.7
2001	65,193	-3.9	14.6	-3.9	4,025,933	-0.8	14.1	-2.1
2002	64,755	-0.7	14.4	-1.4	4,021,726	-0.1	13.9	-1.4
2003	64,689	-0.1	14.4	0.0	4,089,950	1.7	14.1	1.4
2004	64,956	0.4	14.4	0.0	4,112,052	0.5	14.0	-0.7

⁺ Rate per 1,000 population. Source: Louisiana State Center for Health Statistics, National Vital Statistics Report, Vol.55, No.1, September 29, 2006.

MATERNAL PROFILE

Age of Mother

Reflecting a decrease in birth rates among women under 30 years of age, overall birth and fertility rates have declined in the state since the 1980s. For women between the ages of 30 and 39 years, however, the birth rates have increased, thus suggesting a preference among women in that age group to delay having children until the latter part of their childbearing years (see Table 2.2). This behavior among women in their 30s is comparable to national trends in age-specific birth rates in the past decade.

Table 2.2: First Birth Rates⁺ by Maternal Age Louisiana and United States, 1995-2004

Year	Maternal Age Group							15-44	15-44
	Less than 15 ⁺	15-19	20-24	25-29	30-34	35-39	40-44	Louisiana	United States
1995	1.9	53.3	52.6	36.6	15.8	4.4	0.7	27.0	27.3
1996	2.1	50.8	52.0	36.9	16.9	4.4	0.8	26.7	26.8
1997	1.8	50.4	51.5	36.8	17.2	4.9	0.8	26.7	26.5
1998	1.8	50.0	51.9	35.8	17.5	5.3	0.7	26.8	26.4
1999	1.6	47.7	52.2	37.5	18.4	5.3	0.9	27.0	26.6
2000	1.6	47.4	53.9	31.9	18.6	6.1	0.9	26.5	26.5
2001	1.3	43.7	53.8	32.7	17.2	5.0	0.9	25.3	26.0
2002	1.5	43.9	52.7	33.3	17.6	5.1	1.0	25.5	25.8
2003	1.1	42.5	51.1	34.3	17.7	5.4	1.0	25.4	26.5
2004	1.1	42.5	51.8	35.4	17.0	5.9	1.0	25.9	26.4

⁺ First birth per 1,000 women in specified age group. ⁺ Numerator = all live births to mothers under 15 years of age; Denominator = female population 10-14 years of age.
Source: Louisiana State Center for Health Statistics, National Vital Statistics Report, Vol.55, No.1, September 29, 2006.

Birth Order

The **first-birth rate** measures the number of first births to mothers in a particular age group. The rate is calculated by dividing the number of first births to mothers in a particular age group by the total female population in that age group, then multiplying the quotient by 1,000. It is expressed as the number of first births per 1,000 women in that age group. First-birth rates are helpful in assessing changes over time in the age at which women begin bearing children.

Counts of 2004 live births by birth order are presented in the following table.

**Table 2.3: Number of Live Births by Birth Order, Age and Race of Mother
Louisiana, 2004**

Birth Order	Race	Total	Maternal Age Group									Percent of Live Births	Mean Age of Mother	Median Age of Mother
			Less than 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Older	Unk.			
All	All ⁺⁺⁺	64956	187	9369	21614	17083	10911	4718	1024	49	****	100.0	25.7	24.3
	White	36848	39	3788	10895	10624	7618	3200	649	35	0	56.7	26.7	25.7
	Black	26522	148	5438	10386	5982	2880	1341	333	13	****	40.8	24.2	22.5
1	All	25658	183	7229	9258	5330	2542	929	180	7	0	39.5	23.3	21.8
	White	15265	39	3087	5395	3991	1941	685	121	6	0	23.5	24.4	23.5
	Black	9730	144	4039	3698	1123	467	209	49	****	0	15.0	21.3	19.8
2	All	20974	****	1789	7410	5847	4077	1567	271	9	0	32.3	26.3	25.0
	White	12618	0	596	3778	3895	3040	1118	184	7	0	19.4	27.4	26.7
	Black	7817	****	1157	3522	1799	872	385	76	****	0	12.0	24.4	22.8
3	All	11377	0	299	3489	3564	2577	1203	233	12	0	17.5	27.7	26.7
	White	6178	0	89	1353	1959	1782	837	149	9	0	9.5	29.0	28.6
	Black	4958	0	207	2090	1534	723	326	75	****	0	7.6	26.1	24.7
4	All	4225	0	39	1065	1454	993	532	135	7	0	6.5	28.6	27.6
	White	1915	0	12	296	588	590	336	89	****	0	2.9	30.2	29.7
	Black	2216	0	27	759	842	373	173	40	****	0	3.4	27.1	25.8
5	All	1538	0	****	301	537	378	234	82	****	0	2.4	29.6	28.6
	White	534	0	****	60	138	164	119	51	****	0	0.8	31.6	30.9
	Black	983	0	****	240	392	207	110	30	****	0	1.5	28.4	26.9
6	All	584	0	0	56	203	166	115	40	****	0	0.9	31.0	30.5
	White	167	0	0	****	30	56	54	21	****	0	0.3	34.0	33.8
	Black	401	0	0	51	168	106	57	17	****	0	0.6	29.7	28.7
7	All	282	0	0	17	98	83	59	23	****	0	0.4	31.8	30.8
	White	64	0	0	****	10	22	21	8	****	0	0.1	34.7	33.9
	Black	213	0	0	16	87	61	36	13	0	0	0.3	30.8	29.7
8	All	135	0	0	****	30	46	30	24	****	0	0.2	33.9	32.9
	White	39	0	0	0	****	12	11	11	****	0	0.1	36.6	36.6
	Black	94	0	0	****	27	34	18	12	****	0	0.1	32.7	31.7
9	All	46	0	0	0	7	17	14	8	0	0	0.1	34.6	33.9
	White	10	0	0	0	0	****	5	****	0	0	0.0	38.7	38.0
	Black	35	0	0	0	7	16	8	****	0	0	0.1	33.3	32.7

⁺⁺⁺All Races contains white, black and other. **** Cells suppressed to protect confidentiality.
Source: Louisiana State Center for Health Statistics.

Race of Mother

Of the 64,956 births to Louisiana residents, 36,848 were to white mothers, 26,522 to black mothers, and 1,586 to mothers of other races (Table 2.4).

**Table 2.4: Number of Live Births by Maternal Age and Race
Louisiana 2004**

Race	Maternal Age Group										
	Less than 15	15-19	Under 20	20-24	25-29	30-34	35-39	40-44	45 & older	All ages (Excluding Unknown)	
All Races	187	9369	9556	21614	17083	10911	4718	1024	48	64956	64688
White	39	3788	3827	10895	10624	7618	3200	649	35	36848	37066
Black	148	5438	5586	10386	5982	2880	1341	333	13	26522	26023
Other	0	143	143	333	477	413	177	42	****	1586	1599

**** Cells suppressed to protect confidentiality. Source: Louisiana State Center for Health Statistics.

Teen and Pre-Teen Births

A **teen birth** is defined as a birth to a woman aged 13 to 19 years of age. A **pre-teen birth** is a birth to a woman younger than 13 years old. Despite an overall decrease in teen and pre-teen birth rates over the last two decades, teenage and pre-teenage pregnancies continue to present challenges to health initiatives nationwide. Most pre-teen and teen births are unintended, and the educational attainment of mothers younger than 20 years of age is limited. In addition to the social repercussions, pre-teen and teen pregnancy and childbearing have important health consequences for the young mother as well as her baby: mothers under 20 years of age are less likely to receive timely prenatal care and pre-teens and teens are more likely to smoke during pregnancy than women over 20 years of age. These factors, combined with the fact that pre-teenage and teenage mothers are less likely to finish high school, contribute to the high proportion of women living in poverty who first gave birth during adolescence.

There were 9,556 live births to Louisiana residents under the age of 20 years in the year 2004 (see Table 2.5 above). As in the United States overall, birth rates in Louisiana for the 15-19 years age group have been declining during the 1990s and continued to fall. The teenage birth rate for the state increased to 56.2 per 1,000 in 2004, while the rate for the United States decreased to 41.1 the same year (Table 2.5).

Table 2.5: Teenage Birth Rates¹ (maternal age group 15-19 years), Louisiana and United States, 1995-2004

Year	Louisiana	U.S
1995	70.0	56.8
1996	67.0	54.4
1997	66.1	52.3
1998	65.2	51.1
1999	62.6	49.6
2000	62.0	47.7
2001	56.7	45.3
2002	57.8	43.0
2003	55.6	41.6
2004	56.2	41.1

¹Rate per 1,000 women in corresponding age group.
 Sources: National Vital Statistics Report, Vol.55, No.1, September 29, 2006.

Relative to mothers of all ages, teenage and pre-teenage mothers were less likely to enter prenatal care within the first trimester of pregnancy (Table 2.6).

Table 2.6: Teens and Pre-Teens: Percents of Live Births to Mothers Entering Prenatal Care in the First Trimester, by Maternal Race, Louisiana, 2004

Maternal Age Group	Maternal Race		
	White	Black	All Races ⁺⁺⁺
	Percent ⁺	Percent ⁺	Percent ⁺
Less than 15	59.0	44.4	47.5
15	63.0	51.4	54.7
16	63.0	58.8	60.3
17	77.3	58.8	65.9
18	78.7	64.4	70.5
19	79.8	66.8	73.0
15-19	78.0	63.0	69.0

⁺ Percent of live births entering prenatal care in first trimester in age and race group.
⁺⁺⁺All Races includes white, black and other.
 Source: Louisiana State Center for Health Statistics.

Prenatal Care

Racial differences with regard to the entry into prenatal care were observed in both Louisiana and the United States.

Table 2.7: Percents of Live Births to Women Entering Prenatal Care in the First Trimester of Pregnancy, Louisiana and the United States, 1995-2004

Year	Louisiana	United States / Reporting Areas ⁺
1995	80.7	81.3
1996	81.1	81.9
1997	81.3	82.5
1998	82.3	82.8
1999	82.9	83.2
2000	83.3	83.2
2001	83.2	83.4
2002	83.7	83.7
2003	84.1	84.1
2004	85.5	83.9

⁺41 States, New York City, District of Columbia.

Source: Louisiana State Center for Health Statistics. National Vital Statistics Report, Vol.55, No.1, September 29, 2006.

In Louisiana, adequacy of prenatal care is measured by a *modified Kessner index* (see Technical Notes). This index defines prenatal care as adequate if the first prenatal visit occurred in the first trimester of pregnancy, and if the total number of visits was appropriate to the gestational age of the baby at birth. However, because these measures assess neither the quality nor the content of prenatal care, they must be recognized only as estimates of the actual adequacy of the care received.

Medical Risk Factors for Complications of Pregnancy

The birth attendant records medical risk factors on the birth certificate by checking any of 16 listed risk factors, or by specifying "other" or "none". Multiple risk factors can be recorded on a birth certificate.

Table 2.8: Counts⁽¹⁾ of Medical Risk Factor for the Pregnancy by Maternal Age and Race Louisiana, 2004

MEDICAL RISK FACTOR	Race	Total	Maternal Age Group													
			Under 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44	45 +	Unk.
No medical risk factor noted	All	47350	104	255	600	1117	1851	2719	6542	15899	12736	8055	3316	669	29	0
	White	28406	28	76	206	449	856	1312	2899	8489	8317	5838	2352	461	22	0
	Black	17710	76	174	387	652	967	1362	3542	7142	4049	1887	829	179	6	0
	Other	1234	0	5	7	16	28	45	101	268	370	330	135	29	****	0
Anemia (HCT<30/HGB <10)	All	1845	****	11	37	79	99	135	361	714	395	232	114	23	****	0
	White	837	****	****	8	21	35	51	116	295	200	137	76	11	****	0
	Black	970	****	9	28	56	63	80	236	407	185	90	37	11	****	0
	Other	38	0	****	****	****	****	****	9	12	10	5	****	****	0	0
Cardiac disease	All	82	0	0	****	****	5	****	9	19	19	20	12	****	0	0
	White	41	0	0	0	0	****	0	****	12	9	8	9	****	0	0
	Black	38	0	0	****	****	****	****	7	6	10	10	****	****	0	0
	Other	****	0	0	0	0	0	0	0	****	0	****	0	0	0	0
Acute or chronic lung disease	All	66	0	0	0	****	6	7	15	25	10	11	****	****	0	0
	White	36	0	0	0	0	****	****	5	13	7	8	****	****	0	0
	Black	28	0	0	0	****	****	****	10	10	****	****	****	****	0	0
	Other	****	0	0	0	0	0	0	0	****	0	0	0	0	0	0
Diabetes	All	1082	0	****	5	9	10	33	58	217	315	287	161	42	****	0
	White	632	0	****	****	5	****	16	29	113	189	183	94	22	****	0
	Black	416	0	0	****	****	7	16	28	103	115	93	59	18	0	0
	Other	34	0	0	0	0	0	****	****	****	11	11	8	****	0	0
Genital herpes	All	290	0	****	****	6	11	24	44	90	83	46	21	5	****	0
	White	175	0	****	****	****	5	10	20	52	49	32	18	****	****	0
	Black	114	0	0	0	****	6	14	24	38	33	14	****	****	0	0
	Other	****	0	0	0	0	0	0	0	0	****	0	0	0	0	0
Hydramnios/Oligohydramnios	All	501	****	****	8	22	31	38	100	183	126	61	20	9	0	0
	White	214	****	0	****	****	7	10	22	73	66	34	12	6	0	0
	Black	270	****	****	7	17	24	23	72	105	55	26	8	****	0	0
	Other	17	0	0	0	****	0	5	6	5	5	****	0	0	0	0
Hemoglobinopathy	All	5	0	0	0	0	****	0	****	0	****	****	****	0	0	0
	White	****	0	0	0	0	****	0	****	0	****	****	0	0	0	0
	Black	****	0	0	0	0	0	0	0	0	0	0	****	0	0	0
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertension, chronic	All	594	0	0	****	0	5	12	18	104	170	166	104	32	0	0
	White	234	0	0	0	0	****	6	8	29	73	72	45	7	0	0
	Black	352	0	0	****	0	****	****	7	72	95	94	59	25	0	0
	Other	8	0	0	0	0	0	****	****	****	****	0	0	0	0	0
Hypertension, pregnancy associated	All	1983	10	15	26	54	81	115	291	646	532	322	149	32	****	0
	White	1115	****	****	8	21	29	57	119	334	330	221	93	16	****	0
	Black	834	9	11	18	32	52	58	171	307	188	92	53	14	0	0
	Other	34	0	0	0	****	0	0	****	5	14	9	****	****	0	0
Eclampsia	All	411	****	5	13	24	24	33	99	117	90	55	36	10	****	0
	White	100	0	****	****	****	****	****	10	28	27	17	12	6	0	0
	Black	304	****	****	11	22	22	30	89	88	60	36	23	****	****	0
	Other	7	0	0	0	0	0	0	0	****	****	****	****	0	0	0
Incompetent cervix	All	115	0	****	****	****	0	****	6	30	37	31	9	****	0	0
	White	48	0	0	0	****	0	****	****	10	13	15	5	****	0	0
	Black	65	0	****	****	0	0	0	****	20	23	15	****	0	0	0
	Other	****	0	0	0	0	0	0	0	0	****	****	0	0	0	0

Table 2.8 (Continued)
Counts⁽¹⁾ of Medical Risk Factor for the Pregnancy by Maternal Age and Race
Louisiana, 2004

MEDICAL RISK FACTOR	Race	Total	Maternal Age Group													Unk
			Under 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44	45 +	
Previous infant 4000+ grams	All	175	0	0	0	****	****	****	****	29	46	65	24	7	0	175
	White	141	0	0	0	0	****	****	****	17	36	60	21	5	0	141
	Black	33	0	0	0	****	0	0	****	12	9	5	****	****	0	33
	Other	****	0	0	0	0	0	0	0	0	****	0	0	0	0	****
Previous preterm or small for gestational age infant	All	380	0	0	****	****	****	14	21	133	104	81	37	****	****	380
	White	195	0	0	0	0	****	****	5	56	54	55	22	****	0	195
	Black	180	0	0	****	****	****	10	16	76	49	24	14	0	****	180
	Other	5	0	0	0	0	0	0	0	****	****	****	****	0	0	5
Renal Disease	All	26	0	****	0	0	0	****	****	9	6	6	****	0	0	26
	White	19	0	0	0	0	0	****	****	6	5	6	****	0	0	19
	Black	6	0	****	0	0	0	0	****	****	****	0	****	0	0	6
	Other	****	0	0	0	0	0	0	0	****	0	0	0	0	0	****
Rh Sensitization	All	215	0	0	****	****	7	14	25	62	61	42	20	5	0	215
	White	169	0	0	****	0	5	9	15	45	47	38	20	****	0	169
	Black	45	0	0	****	****	****	5	10	17	13	****	0	****	0	45
	Other	****	0	0	0	0	0	0	0	0	****	0	0	0	0	****
Uterine bleeding	All	207	****	0	****	****	****	11	18	67	58	36	24	****	0	207
	White	130	0	0	0	****	0	9	11	35	31	32	20	****	0	130
	Black	75	****	0	****	****	****	****	7	31	26	****	****	****	0	75
	Other	****	0	0	0	0	0	0	0	****	****	0	0	0	0	****
Other	All	11258	66	106	258	340	544	719	1967	3709	2711	1719	840	238	8	0
	White	4919	8	17	58	95	149	243	562	1407	1327	998	493	120	****	0
	Black	6108	58	87	197	242	388	463	1377	2263	1317	662	319	108	****	0
	Other	231	0	****	****	****	7	13	28	39	67	59	28	10	0	0
Unknown medical risk factor	All	79	0	0	****	0	5	****	9	20	12	18	11	6	****	79
	White	48	0	0	****	0	****	****	5	12	9	10	7	****	****	48
	Black	27	0	0	0	0	****	****	****	7	****	8	****	****	****	27
	Other	****	0	0	0	0	****	0	****	****	0	0	****	0	0	****

1) This is not an unduplicated count as more than one medical risk factor was noted on some birth certificates. 63910 women had 1 or more live births during the calendar year.

**** In cell indicates count is greater than 0 and less than 5.

Tobacco and Alcohol Use during Pregnancy

Usage of tobacco and alcohol during pregnancy, as reported by the mother at the time of birth, is recorded on the birth certificate. Because this information depends on the mother's recall, it may be subject to inaccuracy.

Table 2.9: Use of Tobacco and Alcohol during Pregnancy by Maternal Age and Race Louisiana, 2004

Substance Usage	Race	Total	Maternal Age Group													
			Less than 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44	45 +	Unk.
No tobacco use	All	57510	181	372	876	1465	2306	3303	8322	18607	15257	9945	4269	892	37	0
	White	31363	37	88	240	470	851	1345	2994	8673	9297	6879	2897	560	26	0
	Black	24677	144	276	626	974	1422	1902	5200	9641	5514	2665	1210	293	10	0
	Other	1470	0	8	10	21	33	56	128	293	446	401	162	39	****	0
Tobacco use	All	6289	****	14	55	142	277	438	926	2686	1523	708	335	103	6	0
	White	4818	****	12	43	119	229	347	750	2073	1151	548	219	71	****	0
	Black	1373	0	****	12	21	45	83	163	574	347	152	105	30	****	0
	Other	98	0	0	0	****	****	8	13	39	25	8	11	****	0	0
Unknown tobacco use	All	111	0	0	****	****	6	7	15	28	25	20	13	7	****	****
	White	66	0	0	****	0	****	****	6	18	16	12	9	****	****	0
	Black	41	0	0	0	****	****	****	8	9	9	8	****	****	****	****
	Other	****	0	0	0	0	****	0	****	****	0	0	****	0	0	0
No alcohol use	All	63550	183	385	929	1604	2579	3736	9233	21211	16727	10594	4576	983	43	0
	White	36035	39	99	282	588	1075	1688	3732	10707	10416	7388	3099	624	30	0
	Black	25955	144	278	637	993	1468	1984	5360	10174	5842	2800	1304	319	12	0
	Other	1560	0	8	10	23	36	64	141	330	469	406	173	40	****	0
Alcohol use	All	259	0	****	****	****	****	6	15	87	58	58	29	12	0	0
	White	153	0	****	****	****	****	11	43	36	38	18	7	0	0	0
	Black	98	0	0	****	****	0	****	****	42	20	17	11	****	0	0
	Other	8	0	0	0	0	0	0	0	****	****	****	0	****	0	0
Unknown alcohol use	All	101	0	0	****	****	6	6	15	23	20	21	12	7	****	****
	White	59	0	0	****	0	****	****	7	14	12	13	8	****	****	0
	Black	38	0	0	0	****	****	****	7	8	8	8	****	****	****	****
	Other	****	0	0	0	0	****	0	****	****	0	0	****	0	0	0

Note: Based on a count of women giving birth rather than the total number of live births. 63,739 women had at least one live birth during 2004. **** Cells suppressed to protect confidentiality. Source: Louisiana State Center for Health Statistics.

NEWBORN PROFILE

Gender

Louisiana's **male/female birth ratio** was 1.046, which means that 1,046 males were born for every 1,000 females. By race, the male/female ratios were 1.047 for whites, 1.045 for blacks, and 1.031 for other races (Table 2.10).

Table 2.10: Counts of Live Births by Infant Gender and Maternal Race Louisiana, 2004

Infant Gender	Maternal Race			Total
	White	Black	Other	
Male	18846	13552	805	33203
Female	18002	12970	781	31753
Ratio (M:F)	1.047	1.045	1.031	1.046

Source: Louisiana State Center for Health Statistics.

Birthweight

A **low birthweight** infant is defined as an infant weighing less than 2500 grams (5 pounds, 8 ounces) at birth. Mortality and morbidity are increased among infants born at term whose birth weights are at or below the third percentile for their gestational age.⁽⁴⁾ Preterm infants who have a lower than normal birth weight are at higher risk of experiencing neurological problems, respiratory and gastrointestinal disorders, developmental problems, and slowed growth.⁽⁵⁾

Low birthweight has been linked to several preventable factors, including lack of prenatal care, maternal smoking, use of alcohol and other drugs, and pregnancy before the age of 18 years. Other risk factors for low birthweight include low socioeconomic level, low maternal weight gain, low pregnancy weight, first birth status, female sex, short maternal stature, prior low birthweight births, maternal illnesses, fetal infections, and a variety of metabolic and genetic disorders. Low birthweight infants who survive are more likely than normal weight infants to have brain damage, lung and liver disease, developmental problems, subnormal growth, and other adverse health conditions. The effects of low birthweight follow these infants throughout life, increasing their likelihood of physical, intellectual and behavioral difficulties.⁽⁶⁾ Over time, higher proportions of low birthweight infants are enrolled in special education classes relative to their normal birthweight counterparts.⁽⁷⁾

The percentages of live births weighing less than 2500 grams in Louisiana and the United States from 1995 to 2004 are presented in Table 2.11.

Table 2.11: Percent of Live Births Less Than 2500 Grams Louisiana and United States 1995-2004

Year	Louisiana	United States
1995	9.7	7.3
1996	9.9	7.4
1997	10.2	7.5
1998	10.1	7.6
1999	10.0	7.6
2000	10.6	7.6
2001	10.5	7.7
2002	10.5	7.8
2003	10.7	7.9
2004	10.9	8.1

Sources: Louisiana State Center for Health Statistics, National Vital Statistics Report, Vol.55, No.1, September 29, 2006.

Table 2.12: Percent ⁺ of Live Births Less Than 2500 Grams by Maternal Race, Louisiana and United States, 2004

Location	Maternal Race		
	All Races ⁺⁺⁺	White	Black
Louisiana	10.9	8.0	15.2
United States	8.1	7.2	13.7

⁺Percent of live births in specified race group. ⁺⁺⁺ All races include White, Black and Other. Source: Louisiana State Center for Health Statistics. National Vital Statistics Report, Vol.55, No.1, September 29, 2006.

Table 2.13: Percent⁺ of Live Births Less than 2500 Grams by Maternal Age and Race, Louisiana, 2004

Race	Maternal Age Group								
	Less than 15	15-19	20-24	25-29	30-34	35-39	40 -44	45 and over	All Ages
White	12.8	9.8	8.1	7.2	7.8	8.2	9.1	25.7	8.0
Black	20.3	16.9	14.0	14.4	15.4	17.2	22.5	38.5	15.2
All Races ⁺⁺⁺	18.7	13.9	10.9	9.8	9.8	10.7	13.6	28.6	10.9

⁺Percent of live births in specified age and race group. ⁺⁺⁺All Races includes White, Black and Other.
Source: Louisiana State Center for Health Statistics.

The prevalence of low birthweight births to mothers who had no prenatal care was 26.3%; more than double that of births to mothers with prenatal care beginning in the first, second or third trimesters. Among mothers who received prenatal care, mothers who entered prenatal care in the second or third trimester had higher percentages of low birth weights than the mothers who entered prenatal care in the first trimester.

Infants weighing less than 1500 grams at birth (3 lbs. 5 oz.) are considered to be **very low birthweight** and are at much greater risk of mortality and long-term disability than higher weight infants. Although recent medical advances have greatly reduced the risk of death for smaller infants, the risk of early death for a very low birthweight infant is about 65 times that of infants who weigh at least 500 grams. ⁽⁸⁾

Of all births to Louisiana residents in 2004, 2.1% of infants weighed less than 1500 grams. By comparison, 1.5% of infants born nationwide were very low birthweight. ⁽⁹⁾ As with low birthweight infants, the frequency of very low birthweight babies differed by race. Black mothers gave birth to very low birthweight infants almost three times as frequently as white mothers did, at 3.5% compared with 1.2%, respectively (Table 2.14).

Table 2.14: Percent⁺ of Live Births Less than 1500 Grams by Maternal Age and Race, Louisiana, 2004

Race	Maternal Age Group								
	Less than 15	15-19	20-24	25-29	30-34	35-39	40 -44	45 and over	All Ages
White	2.6	1.6	1.1	1.0	1.2	1.2	2.3	2.9	1.2
Black	7.4	3.7	3.0	3.7	3.4	3.8	6.0	7.7	3.5
All Races ⁺⁺⁺	6.4	2.8	2.0	1.9	1.8	1.9	3.5	4.1	2.1

⁺Percent of live births in specified age and race group. ⁺⁺⁺All Races includes White, Black and Other.
Source: Louisiana State Center for Health Statistics.

Table 2.15: Number of Live Births by Live Birth Order and Birthweight Louisiana, 2004

Birth Order	Total	Birthweight in Grams								Weight Unknown	Less than 2500	Percent of Total Live Births
		999 and less	1000-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over			
ALL	64956	750	2003	4354	14375	25463	14456	3097	446	12	7107	10.94
1	25658	346	763	1702	5844	10190	5600	1067	141	5	2811	10.96
2	20974	190	562	1319	4351	8366	4909	1113	163	****	2071	9.87
3	11377	114	378	744	2475	4418	2580	575	90	****	1236	10.86
4	4225	60	168	318	1019	1553	872	204	31	0	546	12.92
5	1538	24	68	149	381	542	281	80	12	****	241	15.67
6	584	7	33	56	164	195	95	29	5	0	96	16.44
7	282	6	11	38	73	82	55	16	****	0	55	19.50
8	135	****	9	10	28	55	23	6	****	0	21	15.56
9	46	0	6	7	10	14	8	0	****	0	13	28.26
Unk.	38	****	****	****	7	11	11	****	0	0	7	18.42

**** Cells suppressed to protect confidentiality. Source: Louisiana State Center for Health Statistics.

Table 2.16: Number and Percent⁺ of Live Births by Infant Birthweight, Infant Gender, and Maternal Race Louisiana, 2004

Weight in Grams	All Races		White				Black				Other			
			Male		Female		Male		Female		Male		Female	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 500	184	0.28	24	0.13	26	0.14	68	0.50	65	0.50	****	0.12	0	0.00
500-749	298	0.46	46	0.24	52	0.29	100	0.74	99	0.76	****	0.12	0	0.00
750-999	268	0.41	44	0.23	39	0.22	91	0.67	91	0.70	0	0.00	****	0.38
1000-1499	616	0.95	113	0.60	93	0.52	209	1.54	195	1.50	****	0.50	****	0.26
1500-1999	1387	2.14	304	1.61	312	1.73	345	2.55	398	3.07	12	1.49	16	2.05
2000-2499	4354	6.70	882	4.68	1011	5.62	1059	7.81	1302	10.04	40	4.97	60	7.68
2500-2999	14375	22.13	3024	16.05	3809	21.16	3270	24.13	3892	30.01	167	20.75	213	27.27
3000-3499	25463	39.20	7199	38.20	7456	41.42	5273	38.91	4858	37.46	334	41.49	343	43.92
3500-3999	14456	22.26	5560	29.50	4268	23.71	2573	18.99	1744	13.45	189	23.48	122	15.62
4000-4499	3097	4.77	1416	7.51	839	4.66	491	3.62	286	2.21	45	5.59	20	2.56
4500 and over	446	0.69	234	1.24	93	0.52	72	0.53	33	0.25	12	1.49	****	0.26
Unknown	12	0.02	0	0.00	****	0.02	****	0.01	7	0.05	0	0.00	0	0.00
Total	64956	100.00	18846	100.00	18002	100.00	13552	100.00	12970	100.00	805	100.00	781	100.00

⁺Percents may not add to 100 due to rounding. **** Cells suppressed to protect confidentiality. Source: Louisiana State Center for Health Statistics.

**Table 2.17: Number of Live Births by Birthweight, Maternal Age, and Maternal Race
Louisiana, 2004**

Maternal Age Group and Race	Total	Birthweight in Grams											Unknown
		499 and less	500-749	750-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	
ALL ^{***}	64956	184	298	268	616	1387	4354	14375	25463	14456	3097	446	12
Under 15	187	0	5	****	5	9	14	59	67	24	****	0	0
15-19	9369	31	46	64	125	251	789	2559	3680	1557	245	21	****
20-24	21614	56	92	82	208	434	1493	5245	8676	4394	826	103	5
25-29	17083	50	78	57	145	311	1028	3400	6824	4131	918	139	****
30-34	10911	24	46	42	81	237	642	2016	4050	2921	724	127	****
35-39	4718	19	21	12	37	108	310	879	1780	1184	323	43	****
40-44	1024	****	10	9	13	33	70	204	370	238	59	13	****
45 and older	49	0	0	0	****	****	8	12	16	7	0	0	0
Not Stated	****	0	0	0	0	0	0	****	0	0	0	0	0
White	36848	50	98	83	206	616	1893	6833	14655	9828	2255	327	****
Under 15	39	0	0	0	****	****	****	13	11	9	****	0	0
15-19	3788	8	10	16	27	79	231	888	1542	825	152	10	0
20-24	10895	12	31	23	54	153	613	2195	4502	2686	551	74	****
25-29	10624	12	27	15	55	159	492	1850	4290	2933	690	100	****
30-34	7618	8	18	23	43	146	357	1248	2811	2292	566	105	****
35-39	3200	7	9	****	18	60	163	506	1246	907	252	28	0
40-44	649	****	****	****	7	13	31	124	243	169	43	10	****
45 and older	35	0	0	0	****	****	5	9	10	7	0	0	0
Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Black	26522	133	199	182	404	743	2361	7162	10131	4317	777	105	8
Under 15	148	0	5	****	****	6	13	46	56	15	****	0	0
15-19	5438	23	36	47	96	170	548	1637	2073	709	87	11	****
20-24	10386	43	61	59	153	278	864	2949	4035	1653	262	25	****
25-29	5982	38	51	41	89	142	499	1432	2334	1108	213	34	****
30-34	2880	16	27	19	36	83	263	678	1060	539	141	18	0
35-39	1341	12	12	8	19	44	135	340	458	235	62	14	****
40-44	333	****	7	6	6	19	36	76	110	58	11	****	0
45 and older	13	0	0	0	****	****	****	****	5	0	0	0	0
Not Stated	****	0	0	0	0	0	0	****	0	0	0	0	0

^{***}All Races includes White, Black and Other. **** Cells suppressed to protect confidentiality. Source: Louisiana State Center for Health Statistics.

Gestational Age

Gestational age is the interval between the first day of the mother's last normal menstrual period and the date of birth. Gestational age is recorded on the birth certificate by the person attending the birth, who uses several different methods to estimate gestational age, including computing the interval between the first day of the mother's last menstrual period (LMP) and the date of birth, or determining a clinical estimate based on examination of the newborn. Standardized methods of measurement for determination of gestational age are difficult, especially among at-risk pregnancies in which minimal or no prenatal ascertainment have been made.

Louisiana birth certificates record both the "Date Last Normal Menses Began" and the "Clinical Estimate of Gestation". LMP is subject to error from imperfect maternal recall or misidentification of the last normal menstrual period because of post-conception bleeding, delayed ovulation, or intervening early miscarriage. Therefore, the attendant's clinical estimate of gestation is used to determine gestational age in this report.

Congenital Anomalies

Congenital anomalies are recorded on the birth certificate by checking any of 22 listed anomalies, or by specifying "none" or "other". More than one anomaly can be checked on a birth certificate. Because these events occur so infrequently, rates have been calculated for categories of anomalies (Table 2.18).

Table 2.18: Counts¹ of Abnormal Conditions of the Newborn by Maternal Age and Race Louisiana, 2004

Condition	Race	Total	Maternal Age													45 & older	Unknown
			Less than 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44			
None	All	61324	170	362	873	1519	2429	3586	8769	20476	16186	10304	4433	945	41	0	
	White	35236	37	98	264	565	1036	1649	3612	10470	10198	7272	3012	606	29	0	
	Black	24572	133	255	599	931	1359	1877	5021	9686	5529	2640	1252	300	11	0	
	Other	1516	0	9	10	23	34	60	136	320	459	392	169	39	****	0	
Anemia (HCT < 39/HGB < 13)	All	23	0	0	0	****	****	0	****	7	6	****	****	0	0	0	
	White	10	0	0	0	0	0	0	0	****	****	****	****	0	0	0	
	Black	12	0	0	0	****	****	0	****	****	****	****	****	0	0	0	
	Other	****	0	0	0	0	0	0	0	****	0	0	0	0	0	0	
Birth injury	All	16	0	0	0	0	****	0	****	5	****	****	****	****	0	0	
	White	9	0	0	0	0	****	0	****	****	****	****	****	0	0	0	
	Black	7	0	0	0	0	****	0	****	****	****	****	0	****	0	0	
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fetal alcohol syndrome	All	****	0	0	0	0	****	0	****	0	0	****	****	0	0	0	
	White	****	0	0	0	0	****	0	****	0	0	****	****	0	0	0	
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hyaline membrane disease/Respiratory distress syndrome	All	223	****	****	5	9	10	13	38	67	53	37	15	10	0	0	
	White	114	0	0	****	****	****	****	11	31	26	28	11	7	0	0	
	Black	108	****	****	****	6	5	10	26	36	27	9	****	****	0	0	
	Other	****	0	0	0	0	****	0	****	0	0	0	0	0	0	0	
Meconium aspiration syndrome	All	64	0	0	0	****	5	****	10	21	17	11	****	****	0	0	
	White	31	0	0	0	****	0	****	****	9	10	8	****	0	0	0	
	Black	33	0	0	0	****	5	****	8	12	7	****	****	****	0	0	
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Assisted Ventilation less than 30 minutes	All	479	0	5	6	12	20	26	69	157	135	77	34	5	****	0	
	White	329	0	****	5	5	11	17	39	111	94	56	24	****	****	0	
	Black	139	0	****	****	7	9	8	29	43	38	18	9	****	0	0	
	Other	11	0	0	0	0	0	****	****	****	****	****	****	0	0	0	
Assisted Ventilation 30 minutes or more	All	497	6	5	6	13	18	21	63	154	132	90	38	14	0	0	
	White	267	****	0	****	5	9	8	24	66	77	67	28	****	0	0	
	Black	222	5	5	****	8	8	12	37	87	53	20	10	10	0	0	
	Other	8	0	0	0	0	****	****	****	****	****	****	0	0	0	0	
Seizures	All	25	0	****	0	0	****	****	5	9	6	****	****	0	0	0	
	White	9	0	0	0	0	0	****	****	****	****	****	****	0	0	0	
	Black	15	0	****	0	0	****	0	****	7	****	****	0	0	0	0	
	Other	****	0	0	0	0	0	0	0	0	****	0	0	0	0	0	
Other	All	2572	12	19	54	87	144	157	461	817	618	412	196	52	****	0	
	White	953	****	****	13	25	35	34	109	246	241	202	123	27	****	0	
	Black	1573	10	17	41	62	109	120	349	563	365	195	68	22	****	0	
	Other	46	0	0	0	0	0	****	****	8	12	15	5	****	0	0	
Unknown	All	88	0	0	****	0	5	****	10	20	13	21	13	8	****	****	
	White	55	0	0	****	0	****	****	6	12	9	12	9	6	****	0	
	Black	30	0	0	0	0	****	****	****	8	****	9	****	****	****	****	
	Other	****	0	0	0	0	****	0	****	0	0	0	****	0	0	0	

¹This is a duplicated count. More than one condition was noted on some birth certificates. **** Cells suppressed to protect confidentiality. Source: Louisiana State Center for Health Statistics.

Table 2.19: Counts¹ of Congenital Anomalies by Type of Anomaly and Maternal Age Louisiana, 2004

Congenital Anomaly	Total	Maternal Age Group								
		Less than 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & older	Unknown
Total	588	****	103	174	153	94	50	12	****	0
Anencephalus	****	0	0	****	****	****	****	0	0	0
Spina bifida / Meningocele	32	0	****	10	8	7	****	****	0	0
Hydrocephalus	7	0	****	****	****	****	****	0	0	0
Microcephalus	0	0	0	0	0	0	0	0	0	0
Other central nervous system anomalies	11	0	****	****	5	****	0	0	0	0
Heart malformations	40	0	****	9	13	6	6	****	0	0
Other circulatory/ Respiratory anomalies	31	0	6	10	7	6	****	0	0	0
Rectal atresia / Stenosis	****	0	****	0	0	****	0	0	0	0
Tracheo esophageal fistula / Esophageal atresia	****	0	****	0	0	0	****	0	0	0
Omphalocele / Gastroschisis	17	0	8	7	****	****	0	0	0	0
Other gastrointestinal anomalies	6	0	****	****	****	0	0	****	0	0
Malformed genitalia	10	0	****	****	****	****	0	0	0	0
Renal agenesis	5	0	0	****	****	0	****	0	0	0
Other urogenital anomalies	26	0	****	7	5	6	****	0	0	0
Cleft lip / Palate	34	0	5	5	14	7	****	0	0	0
Polydactyly / Syndactyly / Adactyly	41	0	10	15	9	5	****	0	0	0
Club foot	28	0	5	9	9	****	****	0	0	0
Diaphragmatic hernia	5	0	0	****	****	0	0	0	0	0
Other musculoskeletal / Integumental anomalies	28	****	5	11	6	5	0	0	0	0
Down's syndrome	17	0	0	****	****	****	****	****	****	0
Other chromosomal anomalies	14	0	****	****	****	5	****	0	0	0
Other congenital anomalies	227	0	39	71	62	31	18	6	0	0

¹This is a duplicated count. More than one congenital anomaly was noted on some birth certificates. 617 infants had at least one congenital anomaly.

**** Cells suppressed to protect confidentiality.

DELIVERY CHARACTERISTICS: MEDICAL PROCEDURES, COMPLICATIONS, AND FACILITIES

Obstetric Procedures

The attendant at birth records obstetric procedures on the birth certificate by checking any of 6 procedures performed, or by specifying "none" or "other". More than one procedure can be checked on a birth certificate (Table 2.20).

The number of women who have no obstetric procedure performed during delivery has decreased in recent years.

**Table 2.20: Number⁺ of Obstetric Procedures by Maternal Age and Race
Louisiana, 2004**

Obstetric Procedure	Race	Total	Maternal Age													45 & Older	Unk.
			Less than 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44			
None	All	2023	10	18	32	61	88	107	306	764	477	300	136	27	****	0	
	White	873	****	****	10	16	28	37	94	299	235	157	69	16	****	0	
	Black	1089	8	14	22	44	57	68	205	454	227	122	60	11	****	0	
	Other	61	0	****	0	****	****	****	****	7	11	15	21	7	0	0	
Amniocentesis	All	179	0	****	****	****	****	****	12	37	34	40	39	16	****	0	
	White	114	0	0	****	0	****	****	5	19	16	27	32	14	****	0	
	Black	57	0	****	****	****	****	****	7	18	18	9	****	****	0	0	
	Other	8	0	0	0	0	0	0	0	0	0	****	****	0	0		
Electronic Fetal Monitoring	All	55986	146	306	785	1384	2205	3227	7907	18388	14913	9575	4145	877	35	0	
	White	33009	35	86	245	537	970	1512	3350	9640	9590	6894	2895	578	27	0	
	Black	21670	111	214	531	826	1209	1664	4444	8477	4923	2341	1101	266	7	0	
	Other	1307	0	6	9	21	26	51	113	271	400	340	149	33	****	0	
Induction of Labor	All	13442	37	86	210	325	582	809	2012	4692	3561	2136	838	161	5	0	
	White	8763	10	24	76	148	281	454	983	2875	2533	1624	622	112	****	0	
	Black	4380	27	58	130	168	293	340	989	1742	935	452	189	45	****	0	
	Other	299	0	****	****	9	8	15	40	75	93	60	27	****	0	0	
Stimulation of labor	All	8327	29	61	166	220	382	571	1400	2985	2165	1186	474	87	****	0	
	White	4685	6	16	52	97	151	271	587	1539	1346	803	343	60	****	0	
	Black	3438	23	45	113	122	226	292	798	1392	752	330	117	26	0	0	
	Other	204	0	0	****	****	5	8	15	54	67	53	14	****	0	0	
Tocolysis	All	510	****	5	11	15	26	41	98	181	122	69	29	7	0	0	
	White	283	****	****	****	6	14	17	40	97	70	51	21	****	0	0	
	Black	219	****	****	9	9	12	24	58	83	51	15	6	****	0	0	
	Other	8	0	0	0	0	0	0	0	****	****	****	****	****	0	0	
Ultrasound	All	40901	104	245	550	995	1610	2371	5771	13377	10789	7131	3036	664	29	0	
	White	23680	22	58	170	372	702	1097	2399	6833	6818	5066	2079	440	23	0	
	Black	16195	82	184	376	611	885	1235	3291	6329	3662	1800	836	190	5	0	
	Other	1026	0	****	****	12	23	39	81	215	309	265	121	34	****	0	
Other	All	1384	7	6	32	49	70	89	246	489	360	173	90	19	0	0	
	White	469	0	0	****	6	20	21	49	142	153	79	39	7	0	0	
	Black	888	7	6	30	43	50	67	196	341	197	86	50	11	0	0	
	Other	27	0	0	0	0	0	****	****	6	10	8	****	****	0	0	
Unknown	All	87	0	0	****	0	5	****	11	24	12	18	11	7	****	****	
	White	52	0	0	****	0	****	****	6	14	9	10	7	5	****	0	
	Black	31	0	0	****	0	****	****	****	9	****	8	****	****	****	****	
	Other	****	0	0	0	0	****	0	****	****	0	0	****	0	0	0	

⁺This is a duplicated count. More than one procedure was noted on some birth certificates. 63,910 women had at least one live birth during the calendar year.
**** Cells suppressed to protect confidentiality. Source: Louisiana State Center for Health Statistics.

Complications of Labor and/or Delivery

Complications of labor and/or delivery are recorded on the birth certificate by checking any of 15 listed complications, or specifying “none” or “other”. More than one complication can be recorded on a birth certificate.

Among the 63,910 women who had at least one live birth in 2004, no complications of labor and/or delivery were recorded in 48,369 cases (75.7%).

Table 2.21: Counts⁽¹⁾ of Complications of Labor and/or Delivery by Maternal Age and Race Louisiana, 2004

COMPLICATION	Race	Total	Maternal Age Group													
			Under 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
No complication noted	All	48369	118	271	646	1140	1833	2747	6637	16273	12863	8251	3454	744	29	0
	White	28223	28	72	211	423	816	1285	2807	8411	8188	5906	2378	486	19	0
	Black	18941	90	195	429	700	993	1423	3740	7597	4308	2034	939	224	9	0
	Other	1205	0	****	6	17	24	39	90	265	367	311	137	34	****	0
Febrile (>100 degrees F)	All	461	5	****	10	23	27	44	108	168	97	59	19	5	0	0
	White	195	0	****	****	6	****	14	28	68	47	37	13	****	0	0
	Black	253	5	****	8	17	23	29	79	97	47	16	6	****	0	0
	Other	13	0	0	0	0	0	****	****	****	****	6	0	0	0	0
Meconium, moderate/heavy	All	1962	9	17	41	72	95	140	365	663	478	273	135	35	****	0
	White	871	****	****	9	23	31	54	119	258	248	151	71	19	****	0
	Black	1053	8	14	32	49	64	83	242	394	221	114	59	15	0	0
	Other	38	0	****	0	0	0	****	****	11	9	8	5	****	0	0
Premature rupture of membrane (>12 hours)	All	526	6	0	9	16	26	39	90	177	142	69	32	9	****	0
	White	222	****	0	****	6	6	15	30	65	63	37	19	6	****	0
	Black	297	5	0	6	10	20	23	59	110	79	29	12	****	0	0
	Other	7	0	0	0	0	0	****	****	****	0	****	****	0	0	0
Abruptio Placenta	All	218	0	****	7	****	10	21	42	62	54	37	16	7	0	0
	White	103	0	0	****	****	****	9	18	23	33	16	9	****	0	0
	Black	112	0	****	****	****	6	11	23	37	21	21	7	****	0	0
	Other	****	0	0	0	0	0	****	****	****	0	0	0	0	0	0
Placenta previa	All	124	0	0	****	****	****	****	9	30	30	35	14	6	0	0
	White	75	0	0	0	****	0	****	****	11	22	27	10	****	0	0
	Black	46	0	0	****	****	****	****	7	19	8	7	****	****	0	0
	Other	****	0	0	0	0	0	0	0	0	0	****	****	****	0	0
Other excessive bleeding	All	90	****	0	0	****	5	****	9	38	18	16	8	0	0	0
	White	55	****	0	0	****	****	****	6	15	13	13	7	0	0	0
	Black	34	0	0	0	0	****	****	****	23	****	****	****	0	0	0
	Other	****	0	0	0	0	0	0	0	0	****	0	0	0	0	0
Seizures during labor	All	28	****	****	****	0	****	****	11	11	****	****	0	0	****	0
	White	5	0	0	0	0	0	****	****	****	****	0	0	0	0	0
	Black	23	****	****	****	0	****	****	9	10	****	****	0	0	****	0
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Precipitous labor (<3 hours)	All	600	****	****	7	16	22	34	83	215	150	95	40	15	****	0
	White	165	0	0	****	****	****	6	13	43	48	41	16	****	0	0
	Black	411	****	****	6	14	18	26	68	168	94	47	21	11	****	0
	Other	24	0	0	0	0	0	****	****	****	8	7	****	0	0	0
Prolonged labor (>20 hours)	All	111	0	****	****	7	7	8	26	36	28	14	5	****	0	0
	White	62	0	****	****	****	****	****	14	21	15	7	****	****	0	0
	Black	47	0	****	0	****	****	5	12	15	12	7	****	0	0	0
	Other	****	0	0	0	0	0	0	0	0	****	0	****	0	0	0
Dysfunctional labor	All	513	****	****	7	20	36	41	106	207	104	55	29	9	0	0
	White	298	0	****	****	11	22	15	52	115	68	38	18	7	0	0
	Black	206	****	0	5	9	14	26	54	88	35	13	11	****	0	0
	Other	9	0	0	0	0	0	0	0	****	****	****	0	0	0	0

Table 2.21: Counts⁽¹⁾ of Complications of Labor and/or Delivery by Maternal Age and Race Louisiana, 2004

COMPLICATION	Race	Total	Maternal Age Group														Unk.
			Under 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44	45+		
Breech/ Malpresentation	All	1248	****	5	16	21	48	56	146	336	346	241	145	32	****	0	
	White	800	0	****	7	9	24	32	74	185	236	174	107	23	****	0	
	Black	410	****	****	8	10	24	24	68	147	96	56	34	8	0	0	
	Other	38	0	****	****	****	0	0	****	****	14	11	****	****	0	0	
Cephalopelvic Disproportion	All	750	8	5	13	27	50	60	155	237	178	102	60	10	0	0	
	White	494	****	****	8	13	23	30	77	153	131	79	45	8	0	0	
	Black	241	7	****	5	14	25	30	76	82	41	19	14	****	0	0	
	Other	15	0	0	0	0	****	0	****	****	6	****	****	0	0	0	
Cord Prolapse	All	142	0	****	****	****	****	6	13	46	43	25	13	****	0	0	
	White	90	0	****	0	****	0	****	6	29	29	16	8	****	0	0	
	Black	51	0	0	****	0	****	****	7	17	14	8	5	0	0	0	
	Other	****	0	0	0	0	0	0	0	0	0	****	0	0	0	0	
Anesthetic Complications	All	23	0	0	****	****	****	****	6	****	7	****	****	****	0	0	
	White	16	0	0	****	0	****	****	****	****	5	****	****	0	0	0	
	Black	7	0	0	0	****	0	****	****	****	****	****	0	****	0	0	
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fetal Distress	All	1424	8	7	31	47	71	114	270	491	349	182	97	26	****	0	
	White	692	****	****	10	19	19	51	102	226	188	102	58	14	****	0	
	Black	704	7	****	20	27	52	59	161	260	150	77	37	12	0	0	
	Other	28	0	****	****	****	0	****	7	5	11	****	****	0	0	0	
Other	All	9655	41	76	182	289	476	596	1619	3105	2476	1554	710	142	8	0	
	White	4935	10	14	40	95	152	237	538	1439	1417	988	456	81	6	0	
	Black	4490	31	61	140	191	313	343	1048	1626	995	499	232	57	****	0	
	Other	230	0	****	****	****	11	16	33	40	64	67	22	****	0	0	
Unknown	All	88	0	0	****	****	6	****	11	21	17	18	12	6	****	****	
	White	54	0	0	****	****	****	****	7	12	12	10	8	****	****	0	
	Black	31	0	0	0	0	****	****	****	9	5	8	****	****	****	****	
	Other	****	0	0	0	0	****	0	****	0	0	0	****	0	0	0	

¹This is a duplicated count. More than one procedure was noted on some birth certificates.
 63,910 women had at least one live birth during the calendar year.
 **** Cells suppressed to protect confidentiality. Source: Louisiana State Center for Health Statistics.

Method of Delivery

Final data for the year 2004 indicates that Louisiana had 20,105 cesarean deliveries (31% of all live births) (Table 2.22).

Table 2.22: Number¹ of Deliveries by Method of Delivery, and Maternal Age and Race Louisiana, 2004

Method	Race	Total	Maternal Age													Unk.
			Less than 15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44	45 & older	
Vaginal	All	41073	123	279	660	1139	1810	2571	6459	14337	10707	6421	2499	503	24	0
	White	22919	28	67	191	408	753	1146	2565	7196	6619	4488	1682	324	17	0
	Black	17096	95	208	462	714	1032	1388	3804	6905	3765	1661	708	152	6	0
	Other	1058	0	****	7	17	25	37	90	236	323	272	109	27	****	0
Vaginal / Forceps	All	779	****	11	19	23	38	45	136	278	195	103	55	9	0	0
	White	544	****	****	8	9	21	22	64	186	155	84	47	7	0	0
	Black	215	****	6	11	13	16	22	68	87	33	15	8	****	0	0
	Other	20	0	****	0	****	****	****	****	5	7	****	0	0	0	0
Vaginal / Forceps & Vacuum	All	29	0	0	0	****	****	****	5	14	6	****	0	0	0	0
	White	20	0	0	0	****	****	****	****	9	6	****	0	0	0	0
	Black	8	0	0	0	****	0	****	****	****	0	****	0	0	0	0
	Other	****	0	0	0	0	0	0	0	****	0	0	0	0	0	0
Vaginal / Vacuum	All	1210	9	15	51	59	84	122	331	401	264	136	55	14	0	0
	White	662	****	****	11	20	34	63	131	210	180	98	34	8	0	0
	Black	516	8	12	40	39	49	57	197	184	73	34	16	****	0	0
	Other	32	0	0	0	0	****	****	****	7	11	****	5	****	0	0
Vaginal birth after previous C-Section	All	385	0	0	****	****	****	11	18	114	128	75	39	11	0	0
	White	156	0	0	0	0	****	****	****	34	45	44	24	7	0	0
	Black	223	0	0	****	****	****	10	16	79	83	27	14	****	0	0
	Other	6	0	0	0	0	0	0	0	****	0	****	****	0	0	0
Vaginal birth after previous C-Section / Forceps	All	9	0	0	0	0	****	0	****	****	****	****	****	0	0	0
	White	5	0	0	0	0	0	0	0	****	****	0	****	0	0	0
	Black	****	0	0	0	0	****	0	****	****	0	****	0	0	0	0
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vaginal birth after Previous C-Section / Vacuum	All	7	0	0	0	0	0	0	0	****	****	0	****	0	0	0
	White	****	0	0	0	0	0	0	0	0	****	0	****	0	0	0
	Black	****	0	0	0	0	0	0	0	****	****	0	0	0	0	0
	Other	****	0	0	0	0	0	0	0	0	****	0	0	0	0	0
Primary C-Section	All	11317	47	77	184	339	542	783	1925	3610	2831	1784	884	225	11	0
	White	6697	9	24	68	142	236	380	850	1975	1899	1233	590	133	8	0
	Black	4354	38	50	113	193	301	384	1041	1589	853	486	260	84	****	0
	Other	266	0	****	****	****	5	19	34	46	79	65	34	8	0	0
Repeat C-Section	All	8788	0	****	9	35	86	198	331	2460	2603	2099	1056	231	8	0
	White	5076	0	****	****	9	28	72	113	1106	1510	1461	731	150	5	0
	Black	3539	0	****	7	26	54	121	209	1323	1045	580	302	77	****	0
	Other	173	0	0	0	0	****	5	9	31	48	58	23	****	0	0
Unknown	All	313	****	****	6	10	25	15	57	102	66	50	25	9	****	****
	White	165	0	0	****	****	8	9	22	47	47	29	13	6	****	0
	Black	133	****	****	****	8	16	6	33	49	17	19	9	****	****	****
	Other	15	0	0	0	****	****	0	****	6	****	****	****	0	0	0

**** Cells suppressed to protect confidentiality. ¹ 63,910 women had at least one live birth during the calendar year. Source: Louisiana State Center for Health Statistics.

References:

- (1) National Center for Health Statistics, "Infant Mortality Statistics from the 2000 Period Linked Birth/Infant Death Data Set" National Vital Statistics Report (NVSR) 50:12 (Aug. 2002):22.
- (2) National Center for Health Statistics. National Vital Statistics Report (NVSR) 55:1 (Sep. 2006).
- (3) National Vital Statistics Report (NVSR) 55:1 (Sep.2006).
- (4) McIntire DD, Bloom SL, Casy BM, Laveno KJ. "Birth Weight in Relation to Morbidity and Mortality among Newborn Infants" New England Journal of Medicine 340:16 (Apr. 1999):1234-1238.
- (5) Pace B, "High- Risk Infants" Journal of the American Medical Association 284:16 (Oct. 2000):2142.
- (6) Waldman HB. Perlman SP, "Low Birthweight babies grow older, but there could be many problems" Journal of Dentistry for Children 68:5-6 (Sep- Dec 2001) 356-359, 302.
- (7) Hack M, Klein NK and Talyor HG, "Long-term developmental outcomes of low birthweight infants" The Future of Children, 5 (Spring 1995); 19-34.
- (8) National Center for Health Statistics, "Report of Final Natality Statistics, 1995" Monthly Vital Statistics Report 45:11 (June 1997):16.
- (9) National Center for Health Statistics, "Births: Final Data for 2004" National Vital Statistics Report 55:1 (Sep. 2006).



INDUCED TERMINATIONS OF PREGNANCY

INTRODUCTION

Purpose of Induced Termination of Pregnancy Surveillance

An **induced termination (abortion)** is the intentional interruption of a pregnancy with the objective of preventing a live birth. Abortion surveillance provides information that is useful in identifying population groups experiencing unintended pregnancies, and in targeting pregnancy prevention programs.

Source of Data: Report of Induced Termination of Pregnancy

Induced termination information presented in this report is gathered from data recorded on the *Report of Induced Termination of Pregnancy* forms that were filed for abortions performed in Louisiana in the 2004 calendar year. State law requires that the attending physician report each induced termination of pregnancy he/she performs to the Vital Records Registry in New Orleans within 15 days of the procedure.

No accurate counts of the number of terminations among Louisiana residents are available. Counts used in this chapter represent terminations that occurred in Louisiana, and include out-of-state residents who obtained induced terminations in Louisiana.

Induced Termination Counts

There were 11,224 induced terminations of pregnancy reported in Louisiana in 2004. The age group encompassing women 20-24 years is historically the group with the highest number of abortions; in 2004, women in this age group accounted for more than one-third (36.1%) of all abortions (Table 4.1).

Table 4.1 Counts of Induced Terminations of Pregnancy by Age Group Occurring in Louisiana, 1995-2004

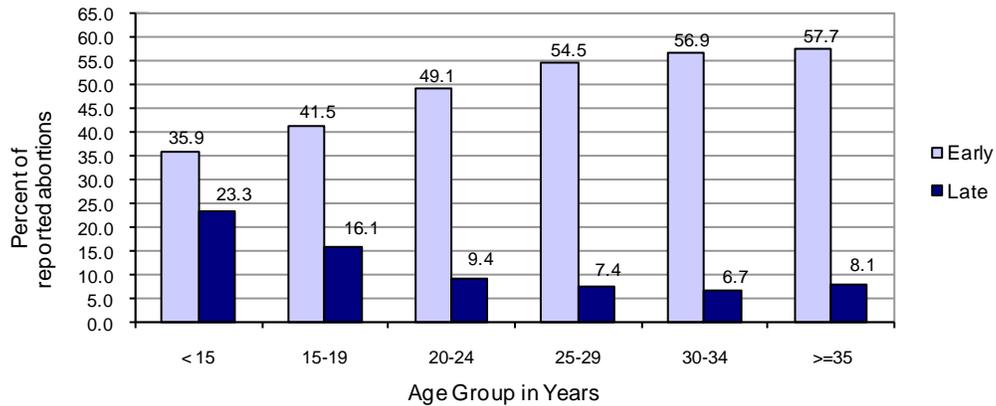
Year	Total	Age Groups in Years								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Older	Unknown
1995	11491	141	2333	3895	2428	1468	936	226	11	53
1996	11884	143	2489	4083	2553	1417	876	262	16	45
1997	11739	147	2285	4087	2650	1375	849	265	22	59
1998	11351	120	2238	3818	2538	1386	829	262	13	147
1999	12008	103	2234	4253	2761	1435	903	236	13	70
2000	11384	115	2045	4133	2618	1364	800	238	7	64
2001	10932	85	1868	4001	2611	1378	700	238	13	38
2002	10451	97	1765	3794	2430	1325	728	224	18	70
2003	10642	103	1767	3899	2475	1356	692	266	12	72
2004	11224	103	1855	4048	2672	1410	718	243	22	153

Source: Louisiana State Center for Health Statistics.

An **early abortion** is performed at or before 8 weeks gestation, while a **late abortion** is performed at or after 16 weeks gestation. In 2004, there were 5,703 early abortions reported in Louisiana, which accounted for 50.8% of all abortions reported.

The 1,079 reported late abortions comprised 9.6% of the total reported (Table 4.3). Younger women (under age 20 years) were more likely to obtain late abortions than older women (over 20 years) were. (Figure 4.1 and Table 4.3).

Figure 4.1: Percent of Women Obtaining Early* or Late Abortions by Age Group, Occurring in Louisiana, 2004**



* Early abortion: performed at or before 8 weeks gestation
 ** Late abortion: performed at or after 16 weeks gestation

The suction procedure was used in 85.8% of reported abortions in Louisiana in 2004 (Table 4.2).

Table 4.2 Induced Terminations of Pregnancy by Weeks of Gestation and Type of Procedure, Occurring in Louisiana, 2004

Weeks of Gestation	Total	Curettage		Hysterectomy	Dilation and Evacuation	Other	Unknown
		Suction	Sharp				
All	11224	9635	14	****	357	1168	48
8 & under	5703	4538	12	****	27	1106	18
9	1179	1150	0	0	12	10	7
10	886	862	0	0	6	8	10
11	639	624	****	0	6	****	5
12	443	435	0	0	****	****	****
13	597	591	0	0	****	****	****
14	271	269	0	0	****	0	0
15	274	269	0	0	****	****	0
16	203	154	0	0	47	0	****
17	106	79	0	0	26	****	0
18	130	96	0	0	34	0	0
19	137	85	0	0	50	****	****
20	145	118	0	0	25	****	0
21 & over	358	247	0	0	107	****	****
Unknown	153	118	0	0	5	30	0

Source: Louisiana State Center for Health Statistics. **** Count is greater than 0 and less than 5. Some procedures, including Intrauterine Instillation (Saline, Prostaglandin) and Hysterotomy were not included in the table as their count was 0.

Table 4.3 Number of Induced Terminations of Pregnancy by Weeks of Gestation, Age, Race, and Marital Status Occurring in Louisiana, 2004

Weeks of Gestation	Race	Total	Age Groups in Years									Marital Status		
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Older	Unk.	Married	Unmarried	Unknown
All	All	11224	103	1855	4048	2672	1410	718	243	22	153	835	5296	5093
	White	4160	24	696	1516	896	525	306	140	8	49	381	1992	1787
	Black & Other	6023	59	939	2200	1525	768	358	78	11	85	309	2582	3132
	Unknown	1041	20	220	332	251	117	54	25	****	19	145	722	174
8 & Under	All	5703	37	770	1988	1455	802	424	133	10	84	450	2658	2595
	White	2392	14	357	832	551	314	196	93	****	33	224	1144	1024
	Black & Other	2962	22	364	1048	802	436	207	33	6	44	176	1289	1497
	Unknown	349	****	49	108	102	52	21	7	****	7	50	225	74
9	All	1179	11	194	406	294	158	65	28	5	18	94	625	460
	White	409	****	70	141	87	56	29	15	****	****	39	227	143
	Black & Other	657	5	104	235	171	86	32	12	****	11	36	320	301
	Unknown	113	****	20	30	36	16	****	****	****	****	19	78	16
10	All	886	7	151	353	203	99	49	13	****	9	57	460	369
	White	284	****	57	111	59	28	21	6	****	0	20	144	120
	Black & Other	539	****	84	214	134	65	25	6	****	7	36	264	239
	Unknown	63	****	10	28	10	6	****	****	0	****	****	52	10
11	All	639	5	127	241	135	69	34	18	****	9	35	275	329
	White	207	0	37	83	45	21	10	8	****	****	19	92	96
	Black & Other	390	****	80	142	83	44	23	9	0	5	13	151	226
	Unknown	42	****	10	16	7	****	****	****	0	****	****	32	7
12	All	443	6	92	177	88	42	25	5	0	8	31	225	187
	White	125	0	36	54	15	13	****	****	0	****	13	62	50
	Black & Other	282	6	48	112	60	29	17	****	0	7	11	139	132
	Unknown	36	0	8	11	13	0	****	0	0	0	7	24	5
13	All	597	6	118	215	145	62	37	7	****	6	17	177	403
	White	197	0	42	70	40	23	15	****	0	****	11	71	115
	Black & Other	380	5	73	140	100	35	20	****	****	****	6	95	279
	Unknown	20	****	****	5	5	****	****	0	0	0	0	11	9
14	All	271	****	44	125	52	29	11	5	0	****	15	103	153
	White	91	****	11	42	19	13	****	****	0	****	8	35	48
	Black & Other	165	****	30	75	32	14	9	****	0	****	5	57	103
	Unknown	15	0	****	8	****	****	0	****	0	0	****	11	****
15	All	274	****	48	117	61	28	12	****	****	****	22	107	145
	White	100	****	13	42	19	16	6	****	****	0	11	41	48
	Black & Other	158	****	31	70	37	10	6	****	0	****	9	54	95
	Unknown	16	0	****	5	5	****	0	0	0	0	****	12	****
16	All	203	****	51	78	33	23	9	****	****	****	9	74	120
	White	77	****	16	36	10	9	****	0	0	0	****	27	46
	Black & Other	97	****	26	28	21	12	5	****	****	****	0	27	70
	Unknown	29	0	9	14	****	****	0	****	0	0	5	20	****

Table 4.3 Number of Induced Terminations of Pregnancy by Weeks of Gestation, Age, Race, and Marital Status Occurring in Louisiana, 2004

Weeks of Gestation	Race	Total	Age Groups in Years								Marital Status			
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Older	Unk.	Married	Unmarried	Unknown
17	All	106	****	31	41	18	6	****	****	0	0	13	56	37
	White	32	0	6	14	****	****	****	****	0	0	7	17	8
	Black & Other	52	****	21	15	11	****	0	0	0	0	****	23	26
	Unknown	22	****	****	12	****	0	0	****	0	0	****	16	****
18	All	130	****	29	48	25	13	9	****	0	****	10	71	49
	White	35	0	5	16	8	****	****	0	0	0	****	17	15
	Black & Other	47	0	11	19	8	6	****	****	0	0	****	21	25
	Unknown	48	****	13	13	9	****	****	****	0	****	6	33	9
19	All	137	5	37	40	29	14	9	****	0	0	17	67	53
	White	54	0	13	20	7	6	5	****	0	0	6	26	22
	Black & Other	43	****	12	12	12	****	****	0	0	0	****	14	27
	Unknown	40	****	12	8	10	****	****	0	0	0	9	27	****
20	All	145	****	36	48	32	9	10	****	****	****	16	95	34
	White	41	0	7	12	10	6	5	****	0	0	6	24	11
	Black & Other	55	****	9	23	13	****	****	****	****	0	****	34	18
	Unknown	49	****	20	13	9	****	****	0	0	****	7	37	5
21 & Over	All	358	6	114	124	60	30	13	9	0	****	28	210	120
	White	86	0	22	34	18	8	****	****	0	****	9	47	30
	Black & Other	142	****	43	51	24	13	6	****	0	0	****	63	75
	Unknown	130	****	49	39	18	9	6	5	0	****	15	100	15
Unknown	All	153	****	13	47	42	26	7	7	0	8	21	93	39
	White	30	****	****	9	****	6	****	****	0	****	****	18	11
	Black & Other	54	****	****	16	17	9	****	****	0	****	****	31	19
	Unknown	69	****	6	22	21	11	****	****	0	****	16	44	9

Source: Louisiana State Center for Health Statistics. **** Count is greater than 0 and less than 5.



DEATHS

INTRODUCTION

Purpose of Death Surveillance

In addition to serving as the legal records of death, death certificates provide surveillance information used to describe patterns of death by gender, race, age, and cause of death. Monitoring of differences in death patterns within and among demographic groups permits identification of persons at high risk of death from specific diseases and injuries. This type of monitoring makes it possible for communities, healthcare providers, researchers, and government agencies to target resources where they are most effective in reducing the risks of mortality.

Source of Data: Certificate of Death

Mortality information presented in this report is gathered from data recorded on the *Certificate of Death* for Louisiana residents who died in the 2004 calendar year. Data are recorded on these death certificates by funeral directors, who solicit demographic information from available next-of-kin, and by physicians or coroners, who record information on time, place, and cause of death. Louisiana law requires that funeral directors send death certificates to the Vital Records Registry within five days of the occurrence of a death. State laws also specify that the identities of persons included in the death registry be kept confidential.

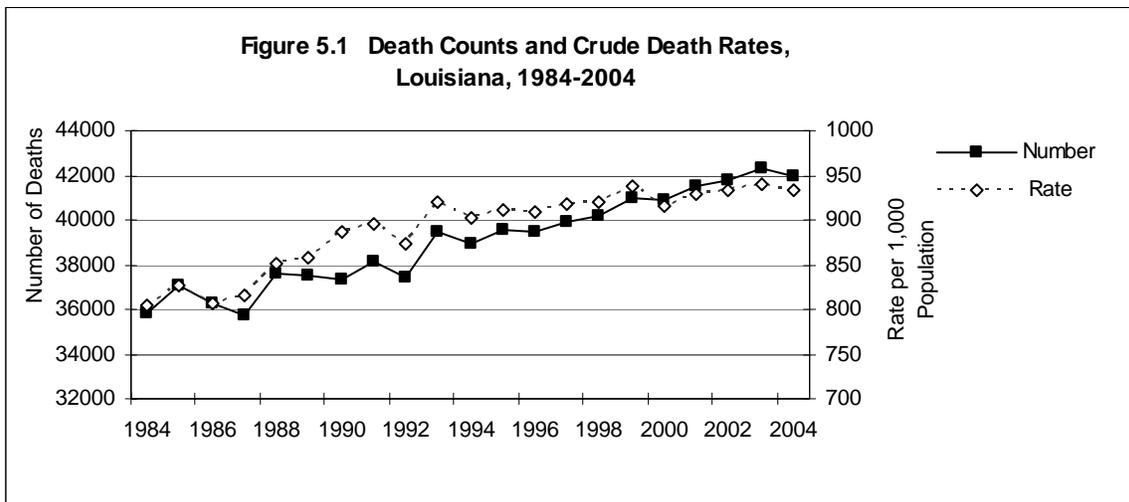
Death statistics are compiled in accordance with World Health Organization (WHO) regulations, which require member nations to classify causes of death according to the revision of the International Classification of Diseases, Injuries, and Causes of Death (ICD) in effect at the time of death. Deaths that occurred in 2004 are coded in accordance with the tenth revision (ICD-10).

All of the causes of death described in this report are *underlying causes of death*, defined as the disease or injury that initiated the sequence of events leading to death. Secondary causes of death, which are also recorded on death certificates, are not presented in this report.

Unless otherwise noted, all statistics reported here are for deaths of Louisiana residents, regardless of the state in which the death occurred. The Vital Statistics Cooperative Program, a nationwide system of information exchange among all U.S. states and territories, makes possible the receipt of out-of-state deaths occurring to Louisiana residents.

NUMBER AND RATES

In 2003, there were 42,297 deaths in Louisiana, compared to 41,797 deaths reported in 2002 (Figure 5.1, Table 5.1).



Crude Death Rate

Louisiana’s crude death rate decreased in 2004 to 932.9 per 100,000 population from the 2003 rate of 940.7. The U.S. rates also decreased between 2003 and 2004, when they were 841.9 and 816.5 deaths per 100,000 population, respectively (Figure 5.2, Table 5.1).

Caution must be used when comparing crude rates from different populations, because crude rates are affected by differences in the composition of the two populations (see definition in the *Technical Notes* section). For example, areas that attract people over age 65 usually have higher crude death rates than areas with larger numbers of young families, because people over age 65 are at a higher risk of dying.

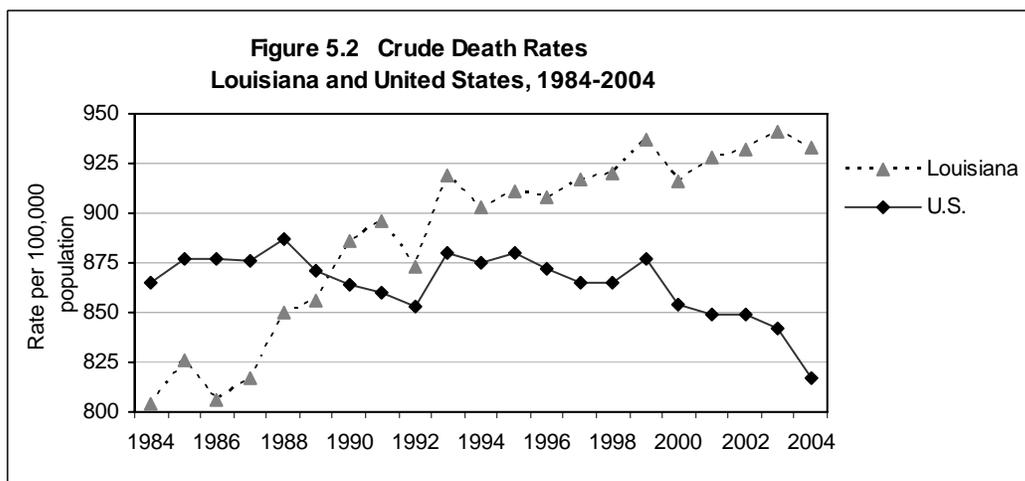


Table 5.1: Deaths-Number and Rates* Louisiana and United States 1985-2004

Year	Louisiana		US	Year	Louisiana		US
	Number	Crude Rate*	Crude Rate*		Number	Crude Rate*	Crude Rate*
1985	37041	825.7	876.9	1995	39539	911.0	880.0
1986	36287	806.2	876.7	1996	39511	908.2	872.5
1987	35759	816.6	876.4	1997	39917	917.3	864.7
1988	37578	850.3	886.7	1998	40209	920.3	864.7
1989	37503	856.0	871.3	1999	40976	937.2	877.0
1990	37375	885.9	863.8	2000	40928	915.8	854.0
1991	38092	895.9	860.3	2001	41495	928.5	848.9
1992	37428	873.1	852.9	2002	41797	932.4	848.9
1993	39490	919.4	880.0	2003	42297	940.7	841.9
1994	38950	902.7	875.4	2004	41942	932.9	816.7

*Rate per 100,000 population

Source: Louisiana State Center for Health Statistics
National Center for Health Statistics

Age-Adjusted Death Rate

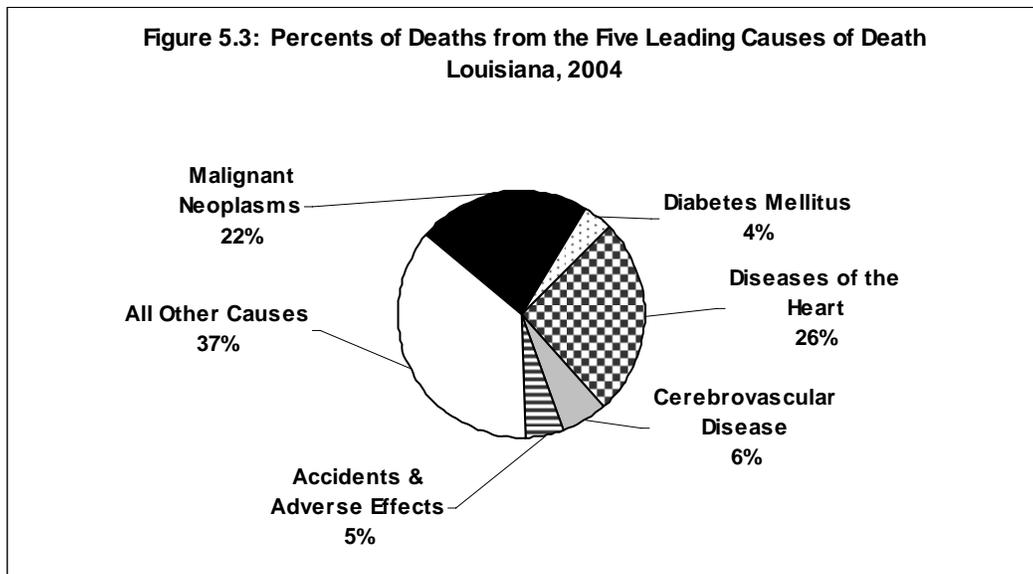
To compensate for differences in the distribution of ages, age-adjusted rates are used when comparing deaths in different populations (see definition in the *Technical Notes* section). The age-adjusted death rate is an artificial number, designed to be used for comparisons of different populations. Unlike the crude death rate, it does not measure the true rate of death in a population, and it should not be used in comparisons with crude death rates.

In 2004, the age-adjusted death rate for all causes of mortality for Louisiana was 994.8 per 100,000 population, as compared to 832.7 for the United States (Table 5.2). The age-adjusted death rate for Louisiana has been one of the highest among the 50 states.

LEADING CAUSES OF DEATH

Louisiana and United States Death Rates

Based on rankings of 2004 crude death rates for the total population of Louisiana, the five leading causes of death were, in descending order: Diseases of the Heart; Malignant Neoplasms (Cancer); Cerebrovascular Diseases (Stroke); Accidents; and Diabetes Mellitus. Deaths from these causes accounted for 64% of all deaths among Louisiana residents in the year 2004 (Figure 5.3, Table 5.2).



The ten leading causes of death to Louisiana residents in 2004 are as listed in Table 5.2. Louisiana and the United States shared the same ten leading causes of death in 2004, but differed in the rates at which they occurred, and thus their rank order. The three leading causes of death in both Louisiana and the United States in 2004 were heart disease, cancer, and stroke. Louisiana's crude death rates, however, exceeded the national rates for eight of the ten leading causes of death; only Chronic Lower Respiratory Diseases, and Influenza and Pneumonia rates were higher at the national level. The ranking of age-adjusted death rates was determined by listing the crude death rates from highest to lowest and then adjusting these rates for age, maintaining the original rank order (Table 5.2, Figure 5.4).

**Table 5.2: Rankings, Counts and Rates for the Ten Leading Causes of Death
Louisiana and United States, 2004**

	Louisiana			United States****		
	Rank	Crude Rate*	AAR**	Rank	Crude Rate*	AAR**
All Causes		932.9	973.5		816.5	800.8
Diseases of the Heart	1	239.8	255.0	1	222.2	217.0
Malignant Neoplasms	2	208.6	215.5	2	188.6	185.8
Cerebrovascular Disease	3	55.2	59.2	3	51.1	50.0
Accidents	4	49.9	50.3	5	38.1	37.7
Diabetes Mellitus	5	38.1	39.8	6	24.9	24.5
Chronic Lower Respiratory Disease	6	35.8	38.1	4	41.5	41.1
Alzheimer's Disease	7	28.1	31.4	7	22.5	22.5
Nephritis, Nephrotic syndrome, & Nephrosis	8	24.6	26.1	9	14.5	14.2
Influenza & Pneumonia	9	20.1	21.8	8	20.3	19.8
Septicemia	10	18.6	19.7	10	11.4	11.4

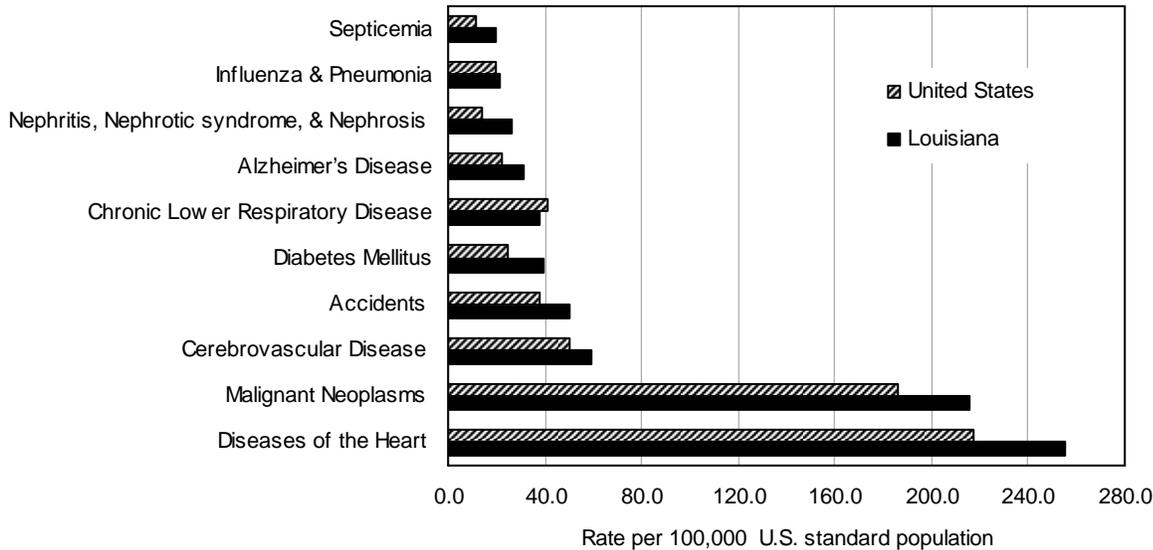
Rank is based number of deaths

* Crude rate per 100,000 population

**Age adjusted rate(AAR) per 100,000 U.S. Standard population

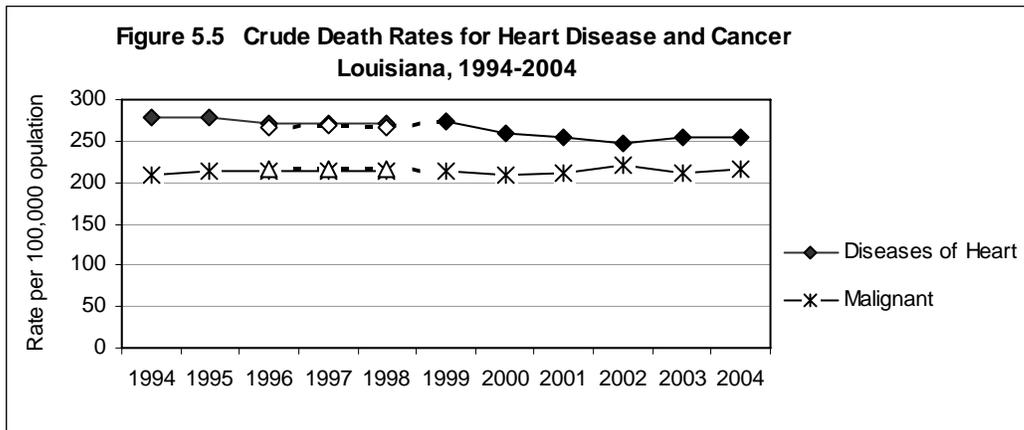
****Source: NCHS, NVSR, VOL 55, No19, Page 29

Figure 5.4: Age-Adjusted Death Rates for the Ten Leading Causes of Death Louisiana and United States, 2004



1994-2004 Louisiana Death Rates

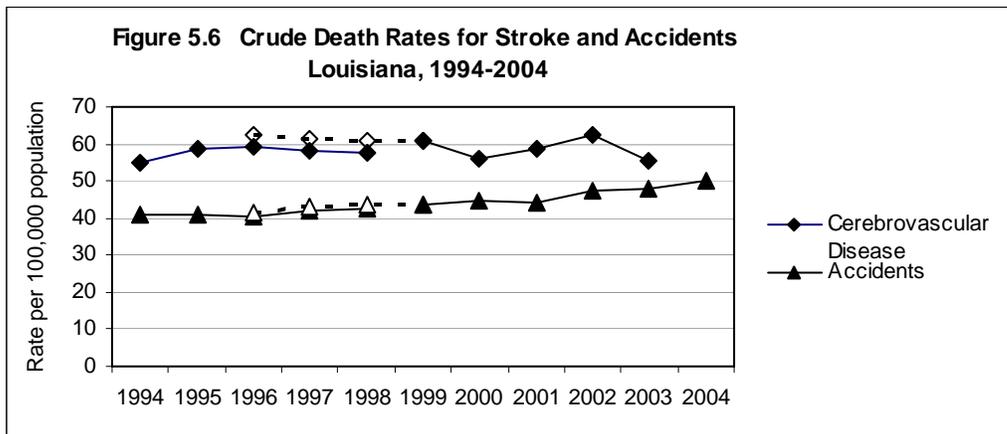
The top four causes of death for the year 2004 have been the leading causes of death in Louisiana for the past twenty years. The fifth-ranked cause has alternated among Diabetes, Chronic Lower Respiratory Diseases, and Influenza and Pneumonia. Figures 5.5, 5.6, and 5.7, and Table 5.3 present crude death rates for the top five causes of death in Louisiana from 1994 through 2004. Beginning with deaths occurring in 1999, the United States implemented the tenth revision of the International Classification of Diseases, Injuries, and Causes of Death (ICD-10). The ICD system categorizes death causes recorded on death certificates into groups useful for summarizing, describing, and comparing causes of death throughout the world (see *Technical Notes*). Figures 5.5, 5.6, and 5.7 present two versions of crude death rates for 1996, 1997, and 1998. The "filled" pointers for these three years report crude death rates as determined under the ninth revision of the International Classification of Diseases (ICD-9), which was used to classify deaths occurring from 1979 through 1998. The "unfilled" pointers report these same crude death rates after they have been adjusted mathematically to be comparable to ICD-10.



Notes: unfilled pointers (◊ and △) represent crude death rates multiplied by a comparability ratio.

Disease of Heart: ICD-9 codes in 1979-1998 ... 390-398, 402, 404, 410-429
 ICD-10 codes in 1999-2004 ... I00-I09, I11, I13, I20-I51
 Comparability Ratio = 0.9858

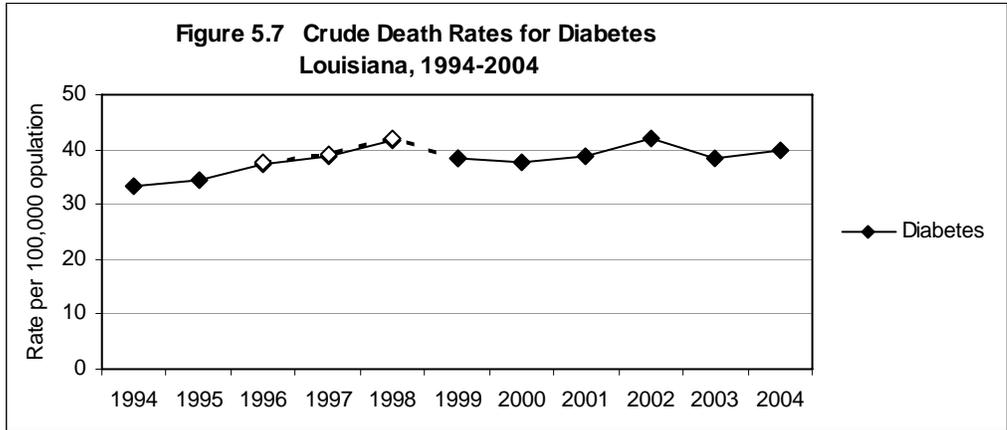
Malignant Neoplasms: ICD-9 codes in 1979-1998 ... 140-208
 ICD-10 codes in 1999-2004 ... C00-C97



Notes: unfilled pointers (◊ and △) represent crude death rates multiplied by a comparability ratio.

Cerebrovascular Disease: ICD-9 codes in 1979-1998 ... 430-434, 436-438
 ICD-10 codes in 1999-2004 ... I60-I69
 Comparability Ratio = 1.0588

Accidents: ICD-9 codes in 1979-1998 ... E800-E869, E880-E929
 ICD-10 codes in 1999-2004 ... V01-X59, Y85-Y86
 Comparability Ratio = 1.0305



Notes: unfilled pointers (◇ and △) represent crude death rates multiplied by a comparability ratio.

Diabetes: ICD-9 codes in 1979-1998 ... 250
 ICD-10 codes in 1999-2004 ... E10-E14
 Comparability Ratio = 1.0082

Table 5.4 reports both unmodified (i.e., ICD-9) and comparability-modified (i.e., adjusted to be comparable to ICD-10) versions of the 1996, 1997, and 1998 crude death rates.

Table 5.3: Crude Death Rates* for Selected Leading Causes of Death Louisiana, 1995-2004

Cause of Death (ICD-9 and ICD-10 code)					Comparability-Modified**								
	1995	1996	1997	1998	1996	1997	1998	1999	2000	2001	2002	2003	2004
Diseases of Heart (390-398, 402, 404, 410-429) (100-109, 111, 113, 120-151)	279	271	272	271	267	268	267	273	259	255	248.4	254.4	252.2
Malignant Neoplasms(140-208)(C00-C97)	214	214	215	214	216	216	215	214	209	212	209.7	210.4	215.7
Cerebrovascular Disease (430-434, 436-438), (160-169)	58.6	59	58	57.5	62.5	61.4	60.9	60.9	55.8	58.7	57.4	55.7	58.4
Accidents (E800-869, E880, E929) (V01-X59, Y85-Y86)	41	40.3	42	42.5	41.5	43.2	43.8	43.5	44.5	44.3	46.7	47.7	50.5
Diabetes (250) (E10-E14)	34.4	37.3	38.7	41.7	37.6	39	42.1	38.5	37.8	38.7	39.5	38.5	39.7

* Rate per 100,000 population

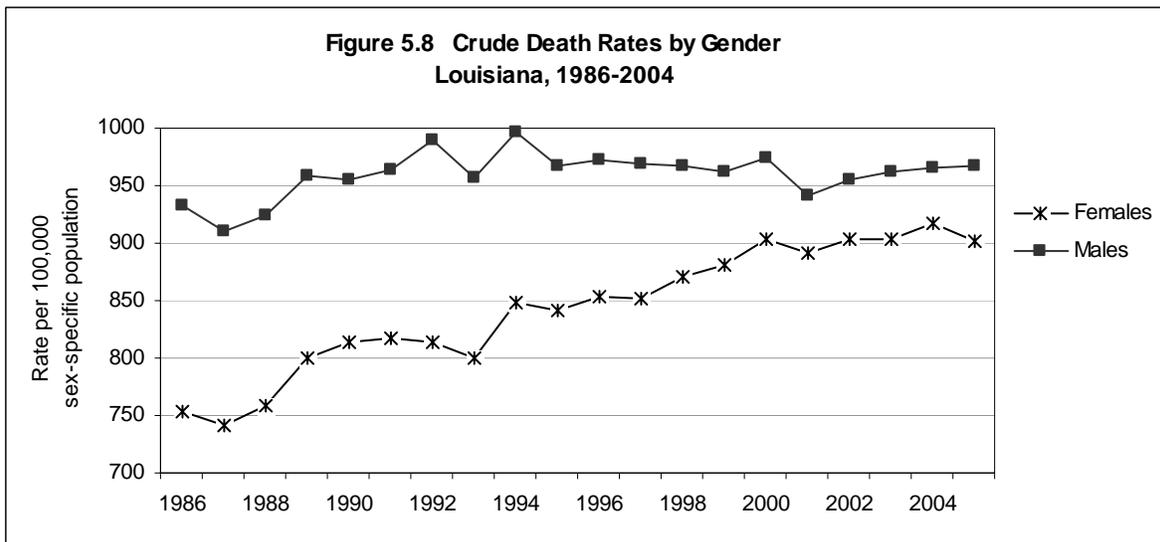
** Rate modified by comparability ratios.

Notes: ICD-9 used in 1990-1998 and ICD-10 used in 1999-2004.

DEATHS BY DEMOGRAPHIC GROUP

Mortality by Gender

In 2004, there were 21,088 male (50.8%) and 20854 female (49.7%) deaths in Louisiana (Table 5.4). The crude death rate for males (966.9 per 100,000 male population) was higher than for females (900.9 per 100,000 female population) (Figure 5.8, Table 5.4).



Cause of Death (ICD-10 Codes)	Overall			Male			Female		
	Rank*	Number	Crude Rate [†]	Rank*	Number	Crude Rate [†]	Rank*	Number	Crude Rate [†]
All Causes	-	4192	932.9		21088	966.9		20854	900.9
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	1	10782	248.4	1	5339	244.8	1	5443	235.1
Malignant Neoplasms (C00-C97)	2	9380	209.7	2	5076	232.7	2	4304	185.9
Cerebrovascular Disease (I60-I69)	3	2481	57.4	4	977	44.8	3	1504	65.0
Accidents (V01-X59, Y85-Y86)	4	2242	46.7	3	382	17.5	7	743	32.1
Diabetes Mellitus (E10-E14)	5	1711	39.5	6	1499	68.7	4	942	40.7
Chronic Lower Respiratory Diseases (J40-J47)	6	1608	37.7	5	779	35.7	5	829	35.8
Alzheimer's Disease (G30)	7	1263	24.8	11	382	17.5	6	881	38.1
Nephritis, Nephrotic Syndrome, & Nephrosis (N00-N07, N17-N19, N25-N27)	8	1107	21.9	7	495	22.7	8	612	26.4
Influenza & Pneumonia (J10-J18)	9	905	21.2	9	436	20.0	9	469	20.3

**Table 5.4: Rankings, Numbers and Rates for the Leading Causes of Death by Gender
Louisiana, 2004**

Cause of Death (ICD-10 Codes)	Overall			Male			Female		
	Rank*	Number	Crude Rate*	Rank*	Number	Crude Rate*	Rank*	Number	Crude Rate*
Septicemia (A40-A41)	10	836	18.2	12	367	16.8	9	469	20.3
Homicide (X85-Y09, Y87.1)	11	603	13.5	8	488	22.4	12	115	5.0
Suicide (X60-X84, Y87.0)	12	533	11.9	10	433	19.9	15	100	4.3
HIV Infection (B20, B24)	13	392	8.1	13	285	13.1	14	107	4.6
Chronic Liver Disease & Cirrhosis (K70, K73-K74)	14	360	7.6	14	230	10.5	13	130	5.6
Essential Hypertension & Hypertensive Renal Disease (I10, I12)	15	347	8.1	15	145	6.6	11	202	8.7
Residual		7392			3388			4004	

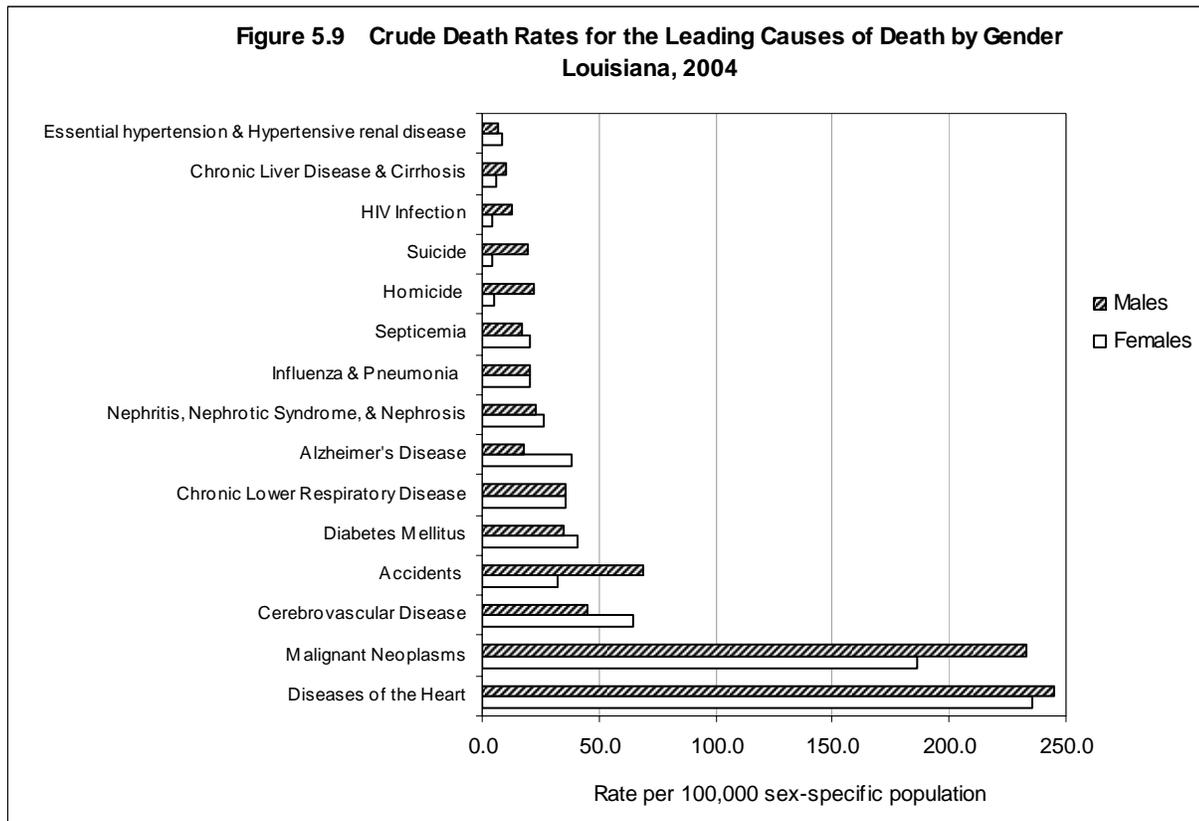
*Rank is based on rate per 100,000 gender-specific population

*Rate per 100,000 gender-specific population. 2004 census population estimates were used to calculate rates.

“-“ In cell indicates the gender-specific rate is not ranked in the top 15

Note: Females: 11th rank - Essential Hypertension and Hypertensive Renal Disease, 216 deaths, rate=9.3; 12th rank - Pneumonitis due to solids and liquids, 136 deaths, rate=5.9; 14th rank - Parkinson's Disease, 117 deaths, rate=5.1

**Figure 5.9 Crude Death Rates for the Leading Causes of Death by Gender
Louisiana, 2004**



Mortality by Race

Of the 41,942 deaths to Louisiana residents in 2004, 28,594 (68.2%) occurred among whites, 13,087 (31.2%) among blacks and 261 (less than 1%) among other races. The crude death rate in whites (984.1 per 100,000 white population) was higher than in blacks (876.4 per 100,000 black population) (Table 5.5). Throughout the 1990s, the crude death rate among whites increased, while that of blacks generally remained stable (Figure 5.10).

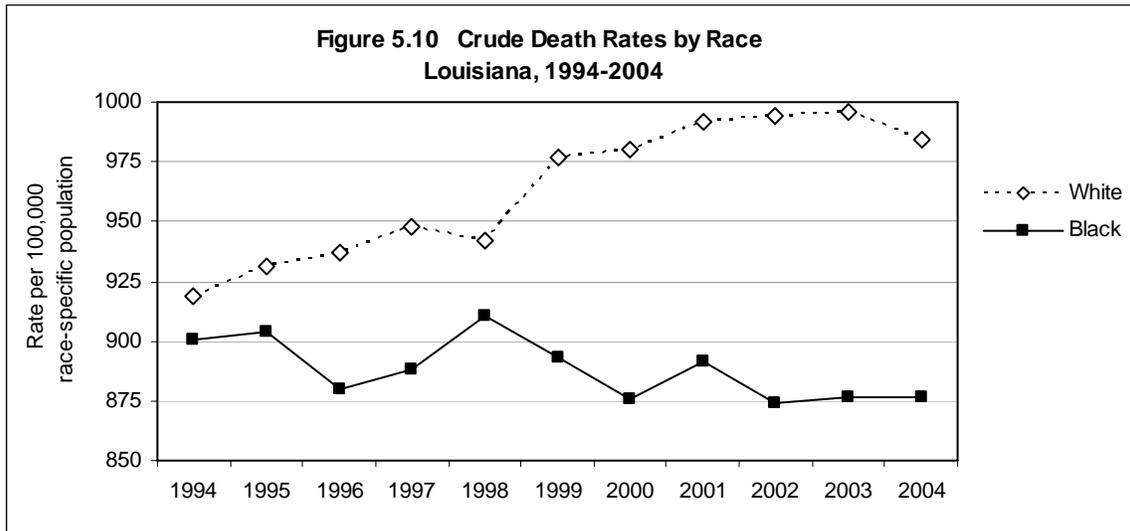


Table 5.5: Rankings, Number and Rates for the Leading Causes of Death by Race Louisiana, 2004

Cause of Death (ICD-10 Codes)	All Races			White			Black		
	Rank*	Count	Crude Rate [†]	Rank*	Count	Crude Rate [†]	Rank*	Count	Crude Rate [†]
All Causes	-	41942	932.9	-	28594	810.5	-	13087	722.3
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	1	10782	239.8	1	7655	263.5	1	3076	206.0
Malignant Neoplasms (C00-C97)	2	9380	208.6	2	6383	219.7	2	2935	196.6
Cerebrovascular Disease (I60-I69)	3	2481	55.2	4	1589	54.7	3	869	58.2
Accidents (V01-X59, Y85-Y86)	4	2242	49.9	3	1657	57.0	5	549	36.8
Diabetes Mellitus (E10-E14)	5	1711	38.1	7	971	33.4	4	725	48.6
Chronic Lower Respiratory Diseases (J40-J47)	6	1608	35.8	5	1318	45.4	10	287	19.2
Alzheimer's Disease (G30)	7	1263	28.1	6	1032	35.5	12	227	15.2
Nephritis, Nephrotic Syndrome, & Nephrosis (N00-N07, N17-N19, N25-N27)	8	1107	24.6	9	636	21.9	7	467	31.3
Influenza & Pneumonia (J10-J18)	9	905	20.1	8	664	22.9	11	239	16.0
Septicemia (A40-A41)	10	836	18.6	10	527	18.1	9	303	20.3
Homicide (X85-Y09, Y87.1)	11	603	13.4	-	123	4.2	6	477	31.9

Table 5.5: Rankings, Number and Rates for the Leading Causes of Death by Race Louisiana, 2004

Cause of Death (ICD-10 Codes)	All Races			White			Black		
	Rank*	Count	Crude Rate [†]	Rank*	Count	Crude Rate [†]	Rank*	Count	Crude Rate [†]
Suicide (X60-X84, Y87.0)	12	533	11.9	11	446	15.3	15	83	5.6
HIV Infection (B20-B24)	13	392	8.7	-	86	3.0	8	306	20.5
Chronic Liver Disease & Cirrhosis (K70, K73-K74)	14	360	8.0	12	276	9.5	-	81	5.4
Essential(Primary) Hypertension & Hypertensive Renal Disease (I10, I12)	15	347	7.7	-	186	6.4	14	161	10.8
Residual		7392			5045			2032	

*Rank is based on number of deaths.

[†]Rate per 100,000 race-specific population

****Cells suppressed to protect confidentiality

Notes: White: 13th Parkinson's Disease, 235 deaths, rate= 8.1;

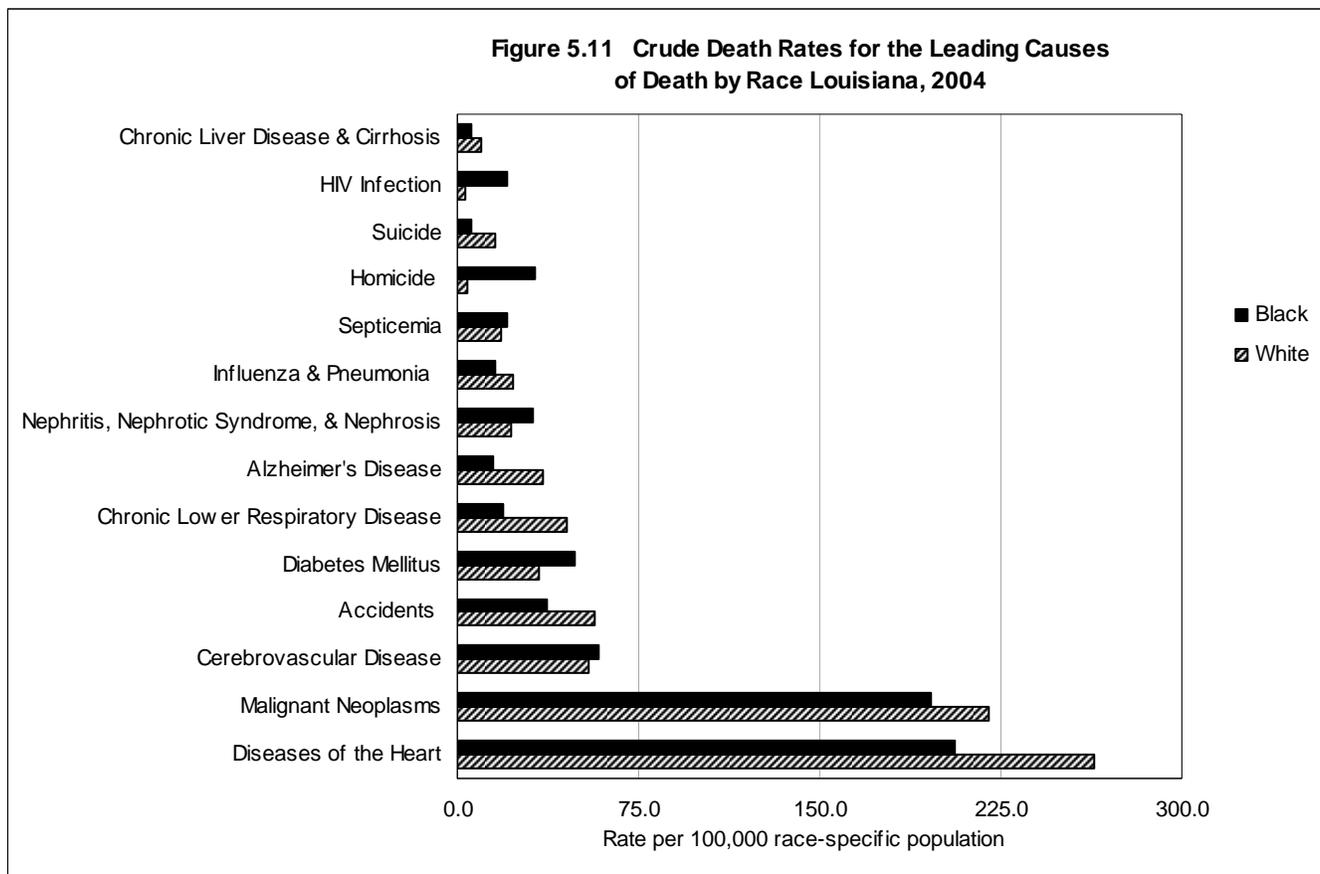
15th Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) , 130 deaths, rate= 4.5

Black: 13th rank is Certain Conditions Originating in the Perinatal period(P00-P96), 202 deaths, rate= 13.5

[†]Other: rate not calculated because of instability due to low frequency

"-"in cell indicates the race-specific rate is not ranked in the top fifteen.

Although the leading causes of death were similar among all race groups, there were considerable differences in race-specific crude death rates (Figure 5.11, and Table 5.5). Crude death rates among whites were notably higher than those among blacks for diseases of the heart (263.5 vs. 206.0), malignant neoplasms (219.7 vs. 196.6), chronic lower respiratory disease (45.4 vs. 19.2), Alzheimer's disease (35.5 vs. 15.2), and suicide (15.3 vs. 5.6). Crude death rates for blacks substantially exceeded those for whites for Diabetes Mellitus (48.6 vs. 33.4), Homicide (31.9 vs. 4.2), HIV infection (20.5 vs. 3.0), and Essential (Primary) Hypertension & Hypertensive Renal Disease (10.8 vs. 6.4).

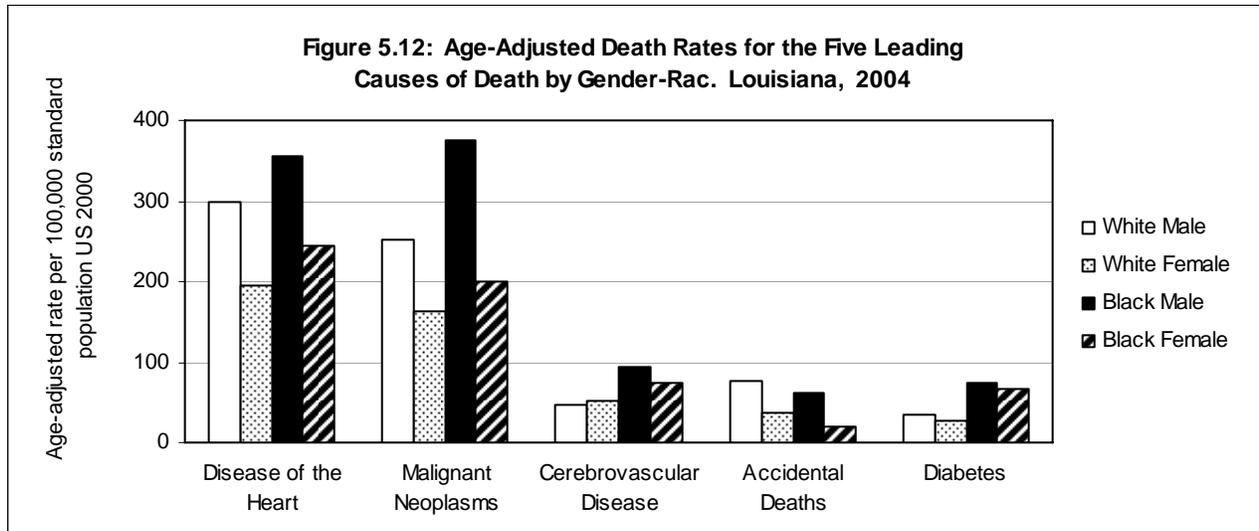


Age Adjusted Mortality by Race-Gender

Table 5.6: Age-Adjusted Death Rates[†] Selected Leading Causes of Death by Race-Gender. Louisiana, 2004

Cause of Death (ICD-10 Code)	Race/Gender	Rate
Diseases of the Heart (I00-I09, I11, I13, I20-I51)	Total	255.2
	White Male	297.8
	White Female	195.8
	Black Male	354.8
	Black Female	245.1
Malignant Neoplasms (C00-C97)	Total	215.7
	White Male	250.9
	White Female	163.0
	Black Male	376.5
	Black Female	201.1
Cerebrovascular Diseases (I60-I69)	Total	58.4
	White Male	46.1
	White Female	51.2
	Black Male	94.9
	Black Female	75.2
Accidents (V01-X59, Y85-Y86)	Total	50.3
	White Male	76.4
	White Female	36.9
	Black Male	62.8
	Black Female	20.2
Diabetes Mellitus (E10-E14)	Total	39.7
	White Male	34.1
	White Female	27.6
	Black Male	72.9
	Black Female	65.7

[†]Rate per 100,000 U.S. standard population.



Mortality by Age

When examined by age group, the leading causes of death in Louisiana in the year 2004 followed the traditional pattern of mortality seen in the United States. Accidents, the primary cause of death among young people, gave way to deaths from chronic conditions such as cancer and heart disease in the middle-aged and elderly (Table 5.7).

Table 5.7: Rankings and Counts for the Five Leading Causes of Death by Age Groups less than 1 year and 25-34 (years), Louisiana 2004

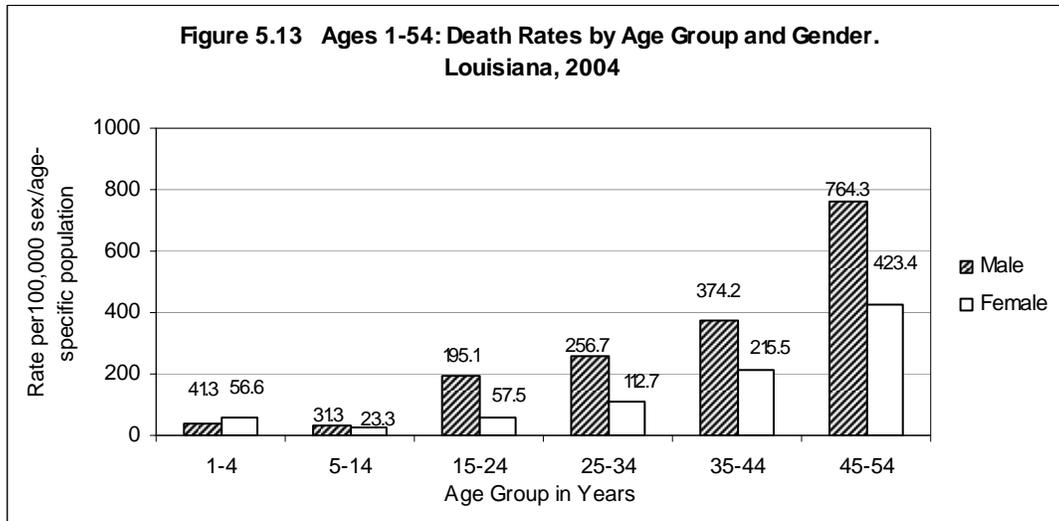
Rank	Counts by Age Groups (years)				
	Less than 1	1-4	5-14	15-24	25-34
1	Certain conditions originating in the perinatal period - 304	Accidents 50	Accidents 86	Accidents 380	Accidents 335
2	Congenital malformations, deformations & chromosomal abnormalities - 125	Congenital malformations, deformations & chromosomal abnormalities - 14	Malignant Neoplasms 18	Homicide 221	Homicide 188
3	Accidents 39	Malignant Neoplasms 7	Congenital malformations, deformations & chromosomal abnormalities 12	Suicide 85	Suicide 98
4	Septicemia Diseases of heart; Influenza & Pneumonia 9 (each)	Diseases of the Heart 7	Suicide 6	Malignant Neoplasms 25	Malignant Neoplasms 74
5	-	Homicide 6	Septicemia 4	Diseases of the Heart 22	HIV Infection 65
Top five	495	84	126	742	760
Total	678	125	825	889	1076

Table 5.8: Rankings and Counts for the Five Leading Causes of Death by Age Groups 35-44 years to 85 and older, Louisiana 2004

	Counts by Age Groups (years)					
	35-44	45-54	55-64	65-74	75-84	85+
1	Accidents 367	Malignant Neoplasms 976	Malignant Neoplasms 1784	Malignant Neoplasms 2443	Diseases of the Heart 3194	Diseases of the Heart 3075
2	Diseases of the Heart 295	Diseases of the Heart 847	Diseases of the Heart 1323	Diseases of the Heart 1949	Malignant Neoplasms 2655	Malignant Neoplasms 1108
3	Malignant Neoplasms 279	Accidents 347	Diabetes Mellitus 285	Diabetes Mellitus 397	Cerebro-vascular Diseases 812	Alzheimer's Disease 691
4	HIV Infection 146	Cerebro-vascular Diseases 162	Cerebro-vascular Diseases 246	Chronic Lower Respiratory Diseases 385	Chronic Lower Respiratory Diseases 597	Cerebro-vascular Diseases 801
5	Suicide 111	Diabetes Mellitus 154	Accidents 180	Cerebro-vascular Diseases 352	Diabetes Mellitus 502	Chronic Lower Respiratory Diseases; Influenza & Pneumonia 366 (each)
Top five	1198	2486	3818	5526	7760	6407
Total	1868	3742	5253	7412	11271	9448

Mortality by Age and Gender

The crude death rate for males surpassed that for females in every age group (Figures 5.13 and 5.14, Table 5.8).



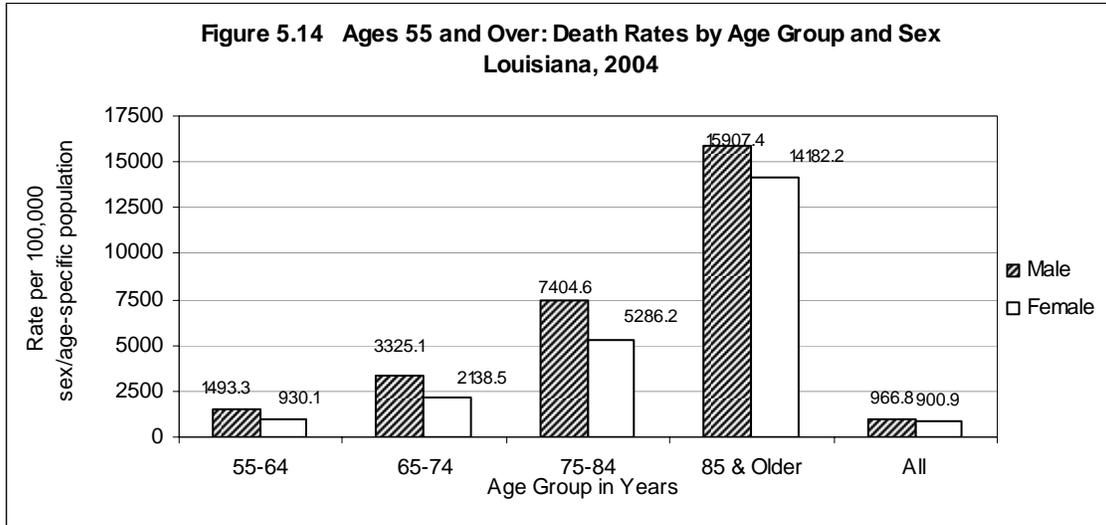


Table 5.9: Death Counts and Crude Death Rates by Age Group and Gender Louisiana, 2004

Age Group (Years)	Total		Male		Female	
	Number	Rate ⁺	Number	Rate ⁺	Number	Rate ⁺
Under 1 ¹	678	1	366		312	
1-4	125	48.8	54	41.3	71	56.6
5-14	178	27.4	104	31.3	74	23.3
15-24	889	126.8	689	195.1	200	57.5
25-34	1076	183.8	742	256.7	334	112.7
35-44	1868	292.7	1162	374.2	706	215.5
45-54	3742	589.0	2359	764.3	1383	423.4
55-64	5253	1197.5	3110	1493.3	2143	930.1
65-74	7412	2668.3	4124	3325.1	3288	2138.5
75-84	11271	6116.0	5345	7404.6	5926	5286.2
85 & Older	9448	14693.4	3031	15907.4	6417	14182.2
Unknown	2		2			
Total	41942	929.7	21086	966.8	20854	900.9

⁺Rates are per 100,000 gender/age-specific population.

¹Death rates for Under 1 Year (based on population estimates) differ from Infant Mortality Rates (based on live births).

Mortality by Age Group and Race

The crude death rates for whites were lower than those for blacks in all age groups except in the age group 5-14 years where the rates were approximately equal. The gap widened with increasing age groups, reaching the greatest proportional difference in the 45-54 age group, in which the rate for blacks was almost double that of whites (Figures 5.15 and 5.16, Table 5.9).

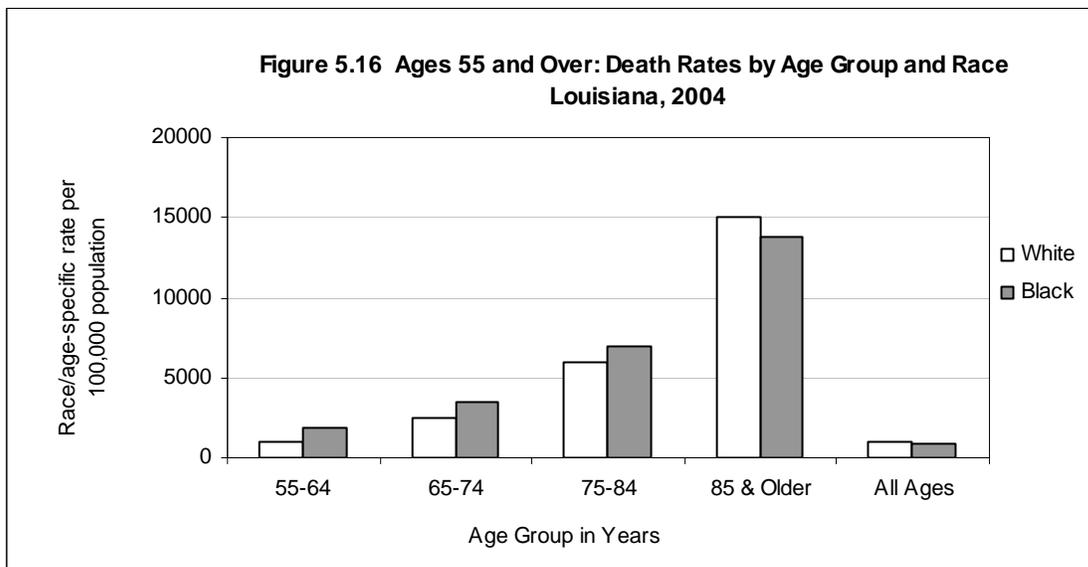
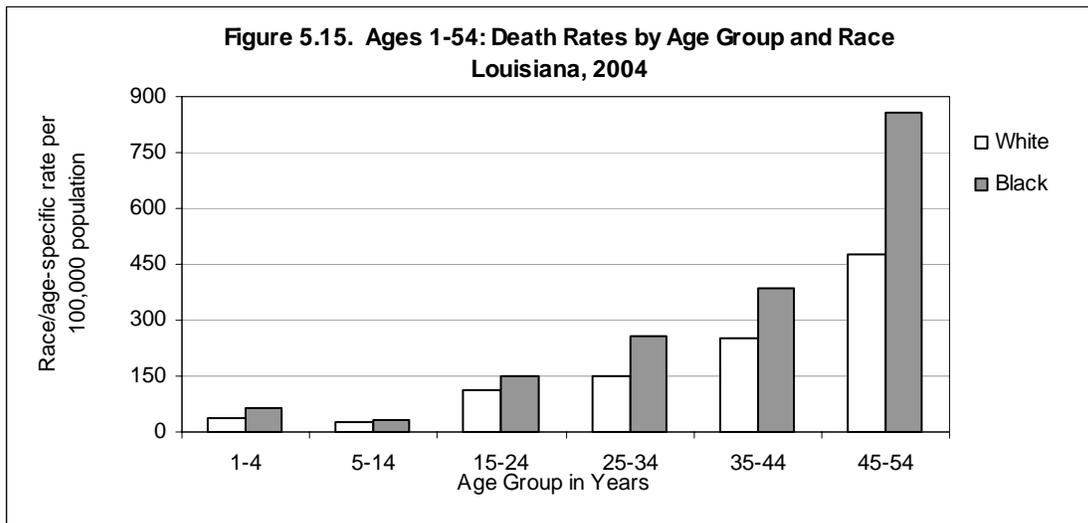


Table 5.10: Death Counts and Crude Death Rates by Age Group and Race Louisiana, 2004

Age Group (Years)	All Races		White		Black		Other
	Number	Rate ⁺	Number	Rate ⁺	Number	Rate ⁺	Number
Under 1Year ¹	678		282	777.4	390	1444.1	6
1-4	125	48.8	53	36.7	71	66.9	1
5-14	178	27.4	96	26.0	79	29.8	3
15-24	889	126.8	474	114.1	399	148.0	16
25-34	1076	183.8	552	148.4	507	257.6	17
35-44	1868	292.7	1064	252.2	782	388.2	22
45-54	3742	589.0	2063	479.3	1647	859.5	32
55-64	5253	1197.5	3166	998.5	2048	1803.5	39
65-74	7412	2668.3	5022	2430.0	2343	3489.0	47
75-84	11271	6116.0	8489	5925.8	2748	6994.3	34
85 & Older	9448	14693.4	7331	15061.1	2073	13744.0	44
Unknown	2		2		0		
Total	41942	929.7	28594	984.1	13087	876.4	261

⁺Rate per 100,000 race/age-specific population. 2003 census estimates were used for the calculation of age-specific rates.
¹Death rates for "Under 1 Year" (based on population estimates) differ from Infant Mortality Rates (based on live births)
 **** Cells suppressed to protect confidentiality.
 Note: Rates were not calculated for records with age missing as there is no denominator with which to calculate the rate.
 The rates for "Other" were not calculated due to low frequency and unreliability of race coding, which create instability.

Mortality by Age, Gender, and Race

In 2004, mortality rates in Louisiana for whites and blacks showed significant differences among age groups (Table 5.10). Mortality rates for black males and females under the age of 5 years were approximately double those for their white counterparts. Within gender, the rates for blacks were higher than those for whites. The rates for black males were higher and almost double those for white males in all age groups except in the age group 15-24 years, where the rates were more or less the same. The rates for females reflected a similar trend; these were higher among blacks than whites, and almost double in certain age groups, except in the age group 15-24 years where the rates were almost equal. White females had the lowest mortality rates among all race and gender groups excepting the 85 and older age group.

Table 5.11: Death Counts and Crude Death Rates by Age Group, Gender, and Race Louisiana, 2004

Age Group	Number of Deaths						Rate ⁺			
	Male			Female			Male		Female	
	White	Black	Other	White	Black	Other	White	Black	White	Black
<1	157	204	5	125	186	1	882.5	1547.8	676.2	1345.3
1-4	19	35	-	34	36	1	27.0	67.1	168.9	231.3
5-14	49	54	1	47	25	2	27.2	41.3	17.9	25.2
15-24	350	328	11	124	71	5	171.4	240.9	22.3	35.2
25-34	375	356	11	177	151	6	204.4	339.3	65.8	134.9
35-44	691	456	15	373	326	7	328.2	415.8	83.7	192.9
45-54	1322	1017	20	741	630	12	613.3	976.2	173.6	426.6
55-64	1858	1225	27	1308	823	12	1139.1	1939.8	481.3	1470.0
65-74	2825	1276	23	2197	1067	24	2518.6	3228.7	1384.1	4733.3
75-84	4064	1264	17	4425	1484	17	4723.2	5043.3	3840.1	15443.6
85 &+	2330	680	21	5001	1393	23	6769.9	6475.6	31035.2	96573.5
Unknown	2	0	0							
Total	14042	6895	151	14552	6192	110	950.3	873.7	1019.1	2066.8

⁺Rate per 100,000 race/gender/age-specific population. 2003 census estimates were used for the calculation of age-specific rates.

¹Death rates for "Under 1 Year" (based on population estimates) differ from Infant Mortality Rates (based on live births)

**** In cell indicates count is greater than 0 and less than 5.

Note: Rates were not calculated for records with age missing as there is no denominator with which to calculate the rate.

The rates for "Other" were not calculated due to low frequency and unreliability of race coding, which create instability.

Mortality by Selected Causes of Death: Crude and Age-Adjusted Rates

Table 5.11 on the following pages describes deaths to Louisiana residents in 2004 from a number of selected causes. For each of the selected causes of death, the table includes counts for each gender/race/age group, and crude and age-adjusted death rates for all groups combined.

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
All causes	928.4	ALL	41942	678	125	72	106	329	560	1076	1868	3742	5253	7412	11271	9448	**	
		WM	14042	157	19	16	33	141	209	375	691	1322	1858	2825	4064	2330	**	
		WF	14552	125	34	22	25	55	69	177	373	741	1308	2197	4425	5001	0	
		BM	6895	204	35	24	30	105	223	356	456	1017	1225	1276	1264	680	0	
		BF	6192	186	36	9	16	20	51	151	326	630	823	1067	1484	1393	0	
		OM	151	5	0	0	**	5	6	11	15	20	27	23	17	21	0	
		OF	110	**	**	**	**	**	**	**	6	7	12	12	24	17	23	0
Certain other intestinal infections (A04,A07-A09)	1	ALL	47	**	**	0	0	0	0	**	0	**	5	6	17	14	0	
		WM	10	0	0	0	0	0	0	0	0	0	**	**	5	**	0	
		WF	27	0	0	0	0	0	0	0	0	**	**	**	10	10	0	
		BM	**	**	**	0	0	0	0	0	0	0	**	0	0	0	0	
		BF	6	0	0	0	0	0	0	0	**	0	0	0	**	**	**	0
		OM	**	**	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis (A16-A19)	0.2	ALL	9	0	0	0	**	0	0	0	0	**	0	**	**	**	0	
		WM	5	0	0	0	0	0	0	0	0	**	0	**	**	**	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	**	0	0	0	0	0	0	0	0	**	0	**	0	0	0	
		BF	**	0	0	0	**	0	0	0	0	0	0	0	0	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Respiratory tuberculosis (A16)	0.2	ALL	8	0	0	0	**	0	0	0	0	**	0	**	**	**	0	
		WM	5	0	0	0	0	0	0	0	0	**	0	**	**	**	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	
		BF	**	0	0	0	**	0	0	0	0	0	0	0	0	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other tuberculosis (A17-A19)	0	ALL	**	0	0	0	0	0	0	0	0	**	0	0	0	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	**	0	0	0	0	0	0	0	0	**	0	0	0	0	0	
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Meningococcal infection (A39)	0.1	ALL	6	0	0	0	0	**	**	0	**	0	0	0	0	**	0	
		WM	**	0	0	0	0	**	0	0	0	0	0	0	0	0	0	0
		WF	**	0	0	0	0	0	**	0	**	0	0	0	0	0	0	0
		BM	**	0	0	0	0	**	0	0	0	0	0	0	0	0	0	0
		BF	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	18.5	ALL	836	9	**	**	**	**	0	15	19	55	102	157	252	217	0	
		WM	223	**	0	**	0	**	0	**	7	14	22	48	74	51	0	
		WF	304	**	**	0	**	**	0	**	5	19	32	47	85	106	0	
		BM	140	**	**	0	0	**	0	5	**	10	26	30	43	18	0	
		BF	163	**	0	0	**	0	0	**	**	12	21	29	50	41	0	
		OM	**	0	0	0	0	0	0	**	0	0	0	**	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	**	0	0	**	0	
Syphilis (A50-A53)	0	ALL	**	0	0	0	0	0	0	**	0	0	0	0	**	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	**	0	0	0	0	0	0	**	0	0	0	0	0	0	0	
		BF	**	0	0	0	0	0	0	0	0	0	0	0	0	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Arthropod-borne viral encephalitis (A83-A84,A85.2)	0	ALL	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Viral hepatitis (B15-B19)	2.8	ALL	125	0	0	0	0	0	**	**	19	52	20	19	12	**	0	
		WM	44	0	0	0	0	0	0	0	6	19	8	7	**	**	0	
		WF	36	0	0	0	0	0	0	0	9	11	**	7	5	0	0	
		BM	33	0	0	0	0	0	**	**	**	17	6	**	**	**	0	
		BF	10	0	0	0	0	0	0	0	**	**	**	**	**	**	0	
		OM	**	0	0	0	0	0	0	0	0	**	0	**	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Human immunodeficiency virus (HIV) disease (B20-B24)	8.7	ALL	392	0	**	0	**	**	12	65	146	117	31	7	8	**	0	
		WM	74	0	0	0	0	0	0	0	**	36	23	9	**	**	0	0
		WF	12	0	0	0	0	0	0	0	**	**	**	**	**	**	0	0
		BM	211	0	0	0	**	**	**	6	35	75	72	15	**	**	0	0
		BF	95	0	**	0	**	**	**	6	26	31	20	5	**	**	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (Other in A00-B99)	2.6	ALL	119	7	**	**	**	0	0	**	7	15	28	20	20	17	0	
		WM	39	**	0	**	0	0	0	**	**	**	7	9	11	**	0	
		WF	35	**	**	0	0	0	0	0	0	8	6	5	5	9	0	
		BM	25	**	0	0	**	0	0	0	**	**	**	11	**	**	**	0
		BF	19	**	0	0	0	0	0	0	**	0	**	**	**	**	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
Malignant neoplasms (C00-C97)	207.6	ALL	9380	**	7	10	8	14	20	74	279	976	1784	2443	2655	1108	0	
		WM	3405	**	0	0	**	**	6	14	79	297	618	961	1071	350	0	
		WF	2978	0	**	5	**	**	5	23	78	241	488	741	934	457	0	
		BM	1631	0	**	**	**	**	8	11	43	247	407	412	356	136	0	
		BF	1304	0	**	**	**	**	**	24	71	180	257	313	288	160	0	
		OM	40	0	0	0	0	0	0	**	6	6	10	9	**	**	0	
		OF	22	0	0	0	0	0	0	0	**	5	**	7	**	**	0	
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3.3	ALL	149	0	**	0	0	0	**	**	5	35	31	30	35	9	0	
		WM	59	0	0	0	0	0	0	**	**	17	9	12	14	**	0	
		WF	27	0	**	0	0	0	0	0	0	**	**	5	8	6	0	
		BM	49	0	0	0	0	0	**	0	0	12	14	12	10	0	0	
		BF	14	0	0	0	0	0	0	**	**	**	**	**	**	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Malignant neoplasm of esophagus (C15)	4.4	ALL	197	0	0	0	0	0	0	0	**	22	48	61	43	20	0	
		WM	106	0	0	0	0	0	0	0	**	12	22	28	28	13	0	
		WF	24	0	0	0	0	0	0	0	0	**	**	**	5	8	5	0
		BM	49	0	0	0	0	0	0	0	0	6	18	18	6	**	0	
		BF	17	0	0	0	0	0	0	0	0	**	5	9	**	**	0	
		OM	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk
Malignant neoplasm of stomach (C16)	5.1	ALL	231	0	0	0	0	0	0	**	5	30	35	58	70	32	0
		WM	78	0	0	0	0	0	0	**	**	13	12	21	26	**	0
		WF	40	0	0	0	0	0	0	0	0	**	**	8	13	14	0
		BM	68	0	0	0	0	0	0	0	**	9	14	17	19	7	0
		BF	42	0	0	0	0	0	0	0	**	5	7	10	12	7	0
		OM	**	0	0	0	0	0	0	0	0	0	0	**	0	**	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of colon, rectum and anus (C18-C21)	20.3	ALL	918	0	0	0	0	0	**	**	31	86	173	225	246	152	0
		WM	328	0	0	0	0	0	0	**	10	31	64	87	87	48	0
		WF	305	0	0	0	0	0	**	0	7	19	48	75	88	67	0
		BM	128	0	0	0	0	0	0	**	9	16	32	27	30	13	0
		BF	149	0	0	0	0	0	0	**	**	18	26	35	41	23	0
		OM	8	0	0	0	0	0	0	0	**	**	**	**	0	**	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	6.8	ALL	308	0	0	0	0	**	**	**	9	53	56	82	81	23	0
		WM	111	0	0	0	0	0	**	0	0	13	20	33	36	8	0
		WF	68	0	0	0	0	0	0	0	**	6	9	17	21	11	0
		BM	82	0	0	0	0	**	0	**	**	26	16	21	10	**	0
		BF	38	0	0	0	0	0	0	0	0	5	9	10	13	**	0
		OM	7	0	0	0	0	0	0	0	**	**	**	**	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	0	**	0	**	0
Malignant neoplasm of	11.6	ALL	522	0	0	0	0	0	0	**	5	57	103	135	166	55	0
		WM	169	0	0	0	0	0	0	**	**	19	35	45	57	11	0
		WF	185	0	0	0	0	0	0	0	**	13	30	49	66	26	0
		BM	78	0	0	0	0	0	0	0	**	14	19	21	17	**	0
		BF	88	0	0	0	0	0	0	0	0	10	19	20	26	13	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	**	0	0	0	**	0
Malignant neoplasm of larynx (C32)	2	ALL	90	0	0	0	0	0	0	**	**	12	29	27	20	**	0
		WM	41	0	0	0	0	0	0	0	**	**	14	15	9	**	0
		WF	8	0	0	0	0	0	0	0	0	**	**	**	**	**	0
		BM	34	0	0	0	0	0	0	0	0	0	7	11	9	7	0
		BF	7	0	0	0	0	0	0	0	0	**	**	**	**	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	64.3	ALL	2906	**	0	0	0	0	**	**	52	291	595	893	839	230	0	
		WM	1212	**	0	0	0	0	0	0	17	110	224	406	372	82	0	
		WF	882	0	0	0	0	0	0	0	**	11	59	160	268	295	86	0
		BM	540	0	0	0	0	0	0	**	**	11	92	160	135	105	35	0
		BF	261	0	0	0	0	0	0	0	0	10	30	49	80	66	26	0
		OM	7	0	0	0	0	0	0	0	0	**	0	**	**	**	**	0
		OF	**	0	0	0	0	0	0	0	0	**	0	0	**	**	0	0
Malignant melanoma of skin (C43)	1.8	ALL	82	0	0	0	0	0	**	5	9	18	19	20	9	0	0	
		WM	52	0	0	0	0	0	0	**	**	**	13	13	13	**	0	
		WF	26	0	0	0	0	0	0	0	**	5	**	5	5	5	0	
		BM	**	0	0	0	0	0	0	0	0	0	**	**	**	**	0	0
		BF	**	0	0	0	0	0	0	0	0	0	0	0	0	**	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast (C50)	15.3	ALL	691	0	0	0	0	0	14	51	100	151	137	152	86	0	0	
		WM	**	0	0	0	0	0	0	0	0	0	0	**	**	0	0	
		WF	408	0	0	0	0	0	0	**	21	38	78	93	114	60	0	
		BM	5	0	0	0	0	0	0	0	0	0	**	**	**	**	0	
		BF	267	0	0	0	0	0	0	10	30	59	69	40	34	25	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	8	0	0	0	0	0	0	0	0	0	**	**	**	**	0	0
Malignant neoplasm of cervix uteri (C53)	1.5	ALL	69	0	0	0	0	0	8	7	15	18	7	8	6	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	27	0	0	0	0	0	0	5	**	**	5	**	5	**	0	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	41	0	0	0	0	0	0	**	5	11	12	5	**	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	2.1	ALL	94	0	0	0	0	0	**	6	8	18	26	25	10	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	48	0	0	0	0	0	0	**	**	6	8	12	12	6	0	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	46	0	0	0	0	0	0	0	**	**	10	14	13	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

DEATHS

2004 LOUISIANA VITAL STATISTICS REPORT

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk		
Malignant neoplasm of ovary (C56)	4.6	ALL	206	0	0	0	0	**	0	**	8	24	37	49	58	25	0		
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	153	0	0	0	0	**	0	0	**	17	30	36	45	21	0	0	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BF	52	0	0	0	0	0	0	0	**	**	7	7	13	13	**	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	**	0	0	0	0	0	0	0
Malignant neoplasm of prostate (C61)	10.8	ALL	489	0	0	0	0	0	0	0	0	11	35	111	199	133	0	0	
		WM	276	0	0	0	0	0	0	0	0	**	14	58	121	80	0	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BM	210	0	0	0	0	0	0	0	0	8	21	53	76	52	0	0	
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OM	**	0	0	0	0	0	0	0	0	0	0	0	0	**	**	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of kidney and renal pelvis (C64-C65)	5.4	ALL	245	0	0	0	0	0	0	**	6	27	59	65	61	25	0	0	
		WM	112	0	0	0	0	0	0	0	**	11	30	31	33	**	0	0	
		WF	64	0	0	0	0	0	0	0	**	0	**	16	13	13	17	0	
		BM	42	0	0	0	0	0	0	0	**	0	11	11	12	6	**	0	
		BF	26	0	0	0	0	0	0	0	0	**	**	**	8	9	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0
Malignant neoplasm of bladder (C67)	3.8	ALL	170	0	0	0	0	0	0	0	0	7	23	39	58	43	0	0	
		WM	83	0	0	0	0	0	0	0	0	**	10	23	31	17	0	0	
		WF	43	0	0	0	0	0	0	0	0	**	**	9	15	13	0	0	
		BM	26	0	0	0	0	0	0	0	0	**	6	**	8	5	0	0	
		BF	18	0	0	0	0	0	0	0	0	0	**	**	**	8	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	4.3	ALL	193	**	**	**	**	**	6	7	15	23	36	43	41	13	0	0	
		WM	81	**	0	0	0	**	0	**	6	9	17	20	18	6	0	0	
		WF	64	0	0	**	0	0	**	**	5	7	8	19	17	**	0	0	
		BM	34	0	**	**	**	**	**	**	**	**	**	9	**	5	**	0	
		BF	12	0	0	**	0	0	0	**	**	**	**	**	0	**	**	0	
		OM	**	0	0	0	0	0	0	**	0	0	0	0	**	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	18.6	ALL	840	0	**	**	**	**	5	8	31	70	138	199	266	109	0	
		WM	338	0	0	0	**	**	**	**	**	16	16	67	82	119	30	0
		WF	283	0	0	**	**	**	**	**	**	**	25	35	52	102	56	0
		BM	112	0	**	**	**	0	**	**	**	6	14	27	34	20	**	0
		BF	104	0	**	**	0	**	0	0	0	**	15	7	31	25	19	0
		OM	**	0	0	0	0	0	0	0	0	**	0	**	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hodgkin's disease (C81)	0.6	ALL	25	0	0	**	0	0	0	**	**	**	**	**	11	**	0	
		WM	14	0	0	0	0	0	0	0	**	**	**	**	**	5	**	0
		WF	8	0	0	0	0	0	0	0	**	0	**	0	0	5	0	0
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BF	**	0	0	**	0	0	0	0	0	0	0	0	0	**	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma (C82-C85)	7.3	ALL	332	0	0	**	**	**	**	**	12	33	60	81	94	44	0	
		WM	143	0	0	0	**	**	0	**	10	9	27	36	41	16	0	
		WF	126	0	0	**	0	0	**	0	**	10	21	23	45	24	0	
		BM	29	0	0	0	0	0	0	0	**	**	6	7	8	**	**	0
		BF	32	0	0	0	0	0	0	0	0	0	8	**	14	**	**	0
		OM	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leukemia (C91-C95)	6.8	ALL	309	0	**	**	**	**	**	**	16	16	52	68	101	40	0	
		WM	130	0	0	0	**	**	**	**	0	5	**	28	27	54	10	0
		WF	97	0	0	**	**	**	**	**	**	**	7	11	19	32	20	0
		BM	45	0	**	**	**	0	**	**	**	**	**	10	15	9	0	0
		BF	36	0	**	0	0	**	0	0	**	**	**	**	7	6	10	0
		OM	**	0	0	0	0	0	0	0	0	**	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multiple myeloma & immunoproliferative neoplasms (C88,C90)	3.8	ALL	172	0	0	0	0	0	0	0	**	18	22	48	59	23	0	
		WM	50	0	0	0	0	0	0	0	0	**	8	17	19	**	0	
		WF	52	0	0	0	0	0	0	0	0	0	7	**	10	20	12	0
		BM	38	0	0	0	0	0	0	0	0	**	5	10	11	7	**	0
		BF	32	0	0	0	0	0	0	0	0	0	**	**	10	13	5	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
All other and unspecified malignant neoplasms (Other in C00-C97)	21.7	ALL	980	0	**	**	**	6	5	14	39	96	181	237	267	127	0	
		WM	356	0	0	0	**	**	**	**	12	36	67	86	105	42	0	
		WF	323	0	**	**	0	**	0	5	15	24	43	72	104	56	0	
		BM	171	0	0	0	**	**	**	**	7	25	46	44	35	9	0	
		BF	121	0	**	0	**	**	**	**	5	9	23	32	22	20	0	
		OM	6	0	0	0	0	0	0	0	0	**	**	**	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	**	**	**	**	**	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	4.9	ALL	223	**	0	**	0	0	0	**	**	13	29	46	69	55	0	
		WM	80	**	0	**	0	0	0	**	**	**	12	21	24	14	0	
		WF	80	0	0	0	0	0	0	0	**	**	6	14	30	25	0	
		BM	28	0	0	**	0	0	0	0	**	**	8	5	**	5	0	
		BF	34	0	0	0	0	0	0	0	0	**	**	6	11	11	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
Anemias (D50-D64)	1.9	ALL	84	0	0	0	**	**	**	**	7	5	8	13	19	23	0	
		WM	17	0	0	0	0	**	0	0	**	0	**	**	**	**	0	
		WF	26	0	0	0	0	0	0	0	**	0	0	**	10	11	0	
		BM	20	0	0	0	**	0	**	**	**	**	**	**	**	**	**	0
		BF	20	0	0	0	0	0	0	**	**	**	**	0	**	**	7	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	**	0	0	0	0	0	
Diabetes mellitus (E10-E14)	37.9	ALL	1711	0	0	0	0	**	**	18	64	154	285	397	502	289	0	
		WM	454	0	0	0	0	0	0	**	16	50	77	107	137	64	0	
		WF	517	0	0	0	0	0	0	**	13	26	66	106	178	124	0	
		BM	307	0	0	0	0	**	0	5	19	33	67	80	70	32	0	
		BF	418	0	0	0	0	0	**	6	16	44	72	98	116	65	0	
		OM	8	0	0	0	0	0	0	0	0	**	**	**	**	**	0	
		OF	7	0	0	0	0	0	0	0	0	0	**	**	0	**	0	
Nutritional deficiencies (E40-E64)	1.6	ALL	71	**	0	0	0	0	0	0	**	7	7	11	20	24	0	
		WM	15	0	0	0	0	0	0	0	0	**	**	**	**	5	0	
		WF	32	0	0	0	0	0	0	0	**	**	**	**	9	15	0	
		BM	11	0	0	0	0	0	0	0	0	**	**	**	**	**	0	
		BF	11	0	0	0	0	0	0	0	0	**	**	**	**	**	0	
		OM	**	**	0	0	0	0	0	0	0	0	0	0	0	**	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Malnutrition (E40-E46)	1.5	ALL	69	**	0	0	0	0	0	0	**	7	7	11	19	23	0	
		WM	15	0	0	0	0	0	0	0	0	**	**	**	**	**	5	0
		WF	31	0	0	0	0	0	0	0	0	**	**	**	**	8	15	0
		BM	10	0	0	0	0	0	0	0	0	0	**	**	**	**	**	0
		BF	11	0	0	0	0	0	0	0	0	0	**	**	**	**	**	0
		OM	**	**	0	0	0	0	0	0	0	0	0	0	0	**	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies (E50-E64)	0	ALL	**	0	0	0	0	0	0	0	0	0	0	0	0	**	**	0
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		WF	**	0	0	0	0	0	0	0	0	0	0	0	0	**	0	0
		BM	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00,G03)	0.3	ALL	12	**	0	0	0	0	0	**	**	**	**	**	**	0	0	
		WM	**	0	0	0	0	0	0	0	**	0	0	**	0	0	0	
		WF	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
		BM	6	0	0	0	0	0	0	**	0	**	**	0	**	0	0	
		BF	**	**	0	0	0	0	0	0	0	**	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Parkinson's disease (G20-G21)	6.2	ALL	278	0	0	0	0	0	0	0	**	**	**	37	138	94	0	
		WM	137	0	0	0	0	0	0	0	**	**	**	12	78	42	0	
		WF	98	0	0	0	0	0	0	0	0	0	0	15	42	41	0	
		BM	22	0	0	0	0	0	0	0	0	**	**	5	7	6	0	
		BF	19	0	0	0	0	0	0	0	0	0	0	**	11	5	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	
Alzheimer's disease (G30)	28	ALL	1263	0	0	0	0	0	0	0	0	**	10	86	475	691	0	
		WM	306	0	0	0	0	0	0	0	0	**	**	32	136	134	0	
		WF	726	0	0	0	0	0	0	0	0	0	**	31	260	431	0	
		BM	76	0	0	0	0	0	0	0	0	0	0	0	11	29	36	0
		BF	151	0	0	0	0	0	0	0	0	0	**	12	47	89	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	0	0	0	**	**	

DEATHS

2004 LOUISIANA VITAL STATISTICS REPORT

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Major cardiovascular disease (I00-I78)	313.3	ALL	14155	12	8	**	**	11	19	84	382	1062	1668	2455	4292	4155	**	
		WM	4634	0	0	0	**	**	6	25	124	369	641	974	1515	973	973	**
		WF	5179	6	0	**	**	**	**	18	62	167	327	634	1694	2263	2263	0
		BM	2040	**	**	0	**	**	**	27	95	314	419	455	448	268	268	0
		BF	2225	**	5	0	0	0	0	5	13	97	202	269	381	617	634	0
		OM	41	0	0	0	0	0	0	**	**	**	7	9	**	10	7	0
		OF	36	0	**	0	0	**	0	0	0	**	**	**	8	8	10	0
Diseases of heart (I00-I09, I11, I13, I20-I51)	238.7	ALL	10782	9	7	**	0	9	13	59	295	847	1323	1949	3194	3075	**	
		WM	3802	0	0	0	0	**	6	21	110	333	544	791	1201	792	792	**
		WF	3853	**	0	**	0	**	**	10	43	133	255	510	1243	1650	1650	0
		BM	1511	**	**	0	0	**	**	20	73	237	325	348	318	181	181	0
		BF	1565	**	5	0	0	0	**	8	67	137	190	290	420	444	444	0
		OM	26	0	0	0	0	0	0	0	0	**	5	7	**	7	**	0
		OF	25	0	**	0	0	**	0	0	0	**	**	**	8	5	**	0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0.7	ALL	32	0	0	0	0	0	0	**	**	**	6	10	6	**	0	
		WM	9	0	0	0	0	0	0	0	**	**	0	**	**	0	0	
		WF	12	0	0	0	0	0	0	0	0	**	**	5	**	**	0	
		BM	5	0	0	0	0	0	0	0	**	**	**	**	0	**	0	0
		BF	6	0	0	0	0	0	0	0	**	**	**	**	**	**	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	15.1	ALL	680	0	0	0	0	0	**	**	28	69	85	119	184	190	0	
		WM	173	0	0	0	0	0	0	**	8	23	24	36	46	35	0	
		WF	226	0	0	0	0	0	0	0	5	8	15	24	69	105	0	
		BM	123	0	0	0	0	0	0	**	**	**	24	30	33	22	7	0
		BF	155	0	0	0	0	0	0	0	**	11	14	15	25	47	42	0
		OM	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
		OF	**	0	0	0	0	0	0	0	0	0	0	**	**	0	0	0
Hypertensive heart and renal disease (I13)	1.4	ALL	61	0	0	0	0	0	0	0	**	8	15	8	12	15	0	
		WM	14	0	0	0	0	0	0	0	**	**	**	**	**	**	0	
		WF	13	0	0	0	0	0	0	0	0	**	**	0	0	**	9	0
		BM	20	0	0	0	0	0	0	0	**	5	7	**	5	**	**	0
		BF	14	0	0	0	0	0	0	0	**	**	6	**	**	**	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Ischemic heart diseases (I20-I25)	148.1	ALL	6689	0	**	**	0	**	**	26	176	557	905	1345	1976	1699	**	
		WM	2556	0	0	0	0	0	**	9	74	242	400	577	780	472	**	
		WF	2259	0	0	**	0	0	0	0	6	22	90	174	342	756	868	0
		BM	929	0	0	0	0	**	0	7	47	140	207	238	185	104	0	
		BF	908	0	**	0	0	0	0	**	32	80	116	180	245	250	0	
		OM	21	0	0	0	0	0	0	0	**	**	7	**	5	**	0	
		OF	16	0	0	0	0	0	0	0	0	**	**	6	5	**	0	
Acute myocardial infarction (I21-I22)	68.3	ALL	3086	0	0	0	0	0	0	11	95	342	508	665	854	610	**	
		WM	1210	0	0	0	0	0	0	**	41	153	232	274	323	182	**	
		WF	958	0	0	0	0	0	0	**	10	57	88	172	330	298	0	
		BM	471	0	0	0	0	0	0	**	25	82	116	122	82	43	0	
		BF	430	0	0	0	0	0	0	**	19	46	68	94	115	85	0	
		OM	10	0	0	0	0	0	0	0	0	**	**	**	**	**	0	
		OF	7	0	0	0	0	0	0	0	0	**	0	**	**	**	0	
Other acute ischemic heart diseases (I24)	1	ALL	45	0	0	0	0	0	0	**	**	**	8	**	15	10	0	
		WM	11	0	0	0	0	0	0	0	**	0	**	0	**	**	0	
		WF	14	0	0	0	0	0	0	0	**	**	**	**	**	6	0	
		BM	10	0	0	0	0	0	0	0	0	**	**	**	**	0	0	
		BF	10	0	0	0	0	0	0	**	0	**	**	**	**	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other forms of chronic ischemic heart disease (I20,I25)	78.8	ALL	3558	0	**	**	0	**	**	14	78	211	389	676	1107	1079	0	
		WM	1335	0	0	0	0	0	**	5	32	89	165	303	453	287	0	
		WF	1287	0	0	**	0	0	0	**	10	32	85	169	423	564	0	
		BM	448	0	0	0	0	**	0	6	22	56	88	115	99	61	0	
		BF	468	0	**	0	0	0	0	0	13	33	47	84	126	164	0	
		OM	11	0	0	0	0	0	0	0	**	**	**	**	**	**	0	
		OF	9	0	0	0	0	0	0	0	0	0	**	**	**	**	0	
Atherosclerotic cardiovascular disease, so described (I25.0)	26.3	ALL	1188	0	**	0	0	0	0	7	32	83	127	219	320	399	0	
		WM	414	0	0	0	0	0	0	**	16	40	52	94	106	103	0	
		WF	402	0	0	0	0	0	0	**	**	14	24	53	126	182	0	
		BM	178	0	0	0	0	0	0	**	9	17	38	41	41	29	0	
		BF	187	0	**	0	0	0	0	0	**	11	12	30	45	84	0	
		OM	**	0	0	0	0	0	0	0	**	**	0	0	**	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	**	**	**	**	0	

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk
All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)	52.5	ALL	2370	0	0	**	0	**	**	7	46	128	262	457	787	680	0
		WM	921	0	0	0	0	0	**	**	16	49	113	209	347	184	0
		WF	885	0	0	**	0	0	0	**	8	18	61	116	297	382	0
		BM	270	0	0	0	0	**	0	**	13	39	50	74	58	32	0
		BF	281	0	0	0	0	0	0	0	9	22	35	54	81	80	0
		OM	8	0	0	0	0	0	0	0	0	0	**	**	**	**	0
		OF	5	0	0	0	0	0	0	0	0	0	0	**	**	**	**
Other heart diseases (I26-I51)	73.5	ALL	3320	9	6	0	0	8	11	28	84	209	312	467	1016	1170	0
		WM	1050	0	0	0	0	**	5	11	25	66	118	170	371	281	0
		WF	1343	**	0	0	0	**	**	**	16	33	63	139	413	667	0
		BM	434	**	**	0	0	**	**	10	20	67	80	76	105	69	0
		BF	482	**	**	0	0	0	**	**	22	41	51	81	125	151	0
		OM	**	0	0	0	0	0	0	0	0	**	0	0	**	**	0
		OF	7	0	**	0	0	**	0	0	**	**	0	**	0	**	0
Acute and subacute endocarditis (I33)	0.3	ALL	15	0	0	0	0	0	0	0	**	5	**	**	**	**	0
		WM	6	0	0	0	0	0	0	0	**	**	0	0	**	0	0
		WF	5	0	0	0	0	0	0	0	0	**	0	**	**	**	0
		BM	**	0	0	0	0	0	0	0	0	**	**	0	0	0	0
		BF	**	0	0	0	0	0	0	0	**	**	0	0	0	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis (I30-I31,I40)	0.4	ALL	17	0	0	0	0	**	0	0	**	**	**	6	**	**	0
		WM	6	0	0	0	0	0	0	0	0	**	0	**	0	**	0
		WF	**	0	0	0	0	0	0	0	0	0	**	**	**	0	0
		BM	**	0	0	0	0	0	0	0	**	**	0	**	0	0	0
		BF	**	0	0	0	0	0	0	0	**	0	0	**	0	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	**	0	0	0	0	0	0	0	0	0
Heart failure (I50)	30.3	ALL	1371	**	0	0	0	0	0	5	10	37	96	150	420	652	0
		WM	397	0	0	0	0	0	0	**	**	8	33	57	150	143	0
		WF	654	0	0	0	0	0	0	**	**	**	**	24	53	177	394
		BM	145	**	0	0	0	0	0	**	**	14	22	21	43	39	0
		BF	172	0	0	0	0	0	0	0	**	11	17	19	48	75	0
		OM	**	0	0	0	0	0	0	0	0	0	0	0	**	**	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)	42.4	ALL	1917	8	6	0	0	7	11	23	69	164	214	309	591	515	0	
		WM	641	0	0	0	0	**	5	8	21	54	85	110	218	137	0	
		WF	681	**	0	0	0	**	**	**	15	28	38	83	234	272	0	
		BM	284	**	**	0	0	**	**	9	15	51	57	54	62	30	0	
		BF	304	**	**	0	0	0	**	**	17	29	34	61	77	75	0	
		OM	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
		OF	6	0	**	0	0	**	0	0	**	**	0	**	0	**	**	0
Essential (primary) hypertension and hypertensive renal disease (I10,I12)	7.7	ALL	347	0	0	0	0	0	**	8	22	41	57	104	111	0		
		WM	74	0	0	0	0	0	0	**	**	6	7	14	27	18	0	
		WF	112	0	0	0	0	0	0	0	0	**	6	15	32	58	0	
		BM	71	0	0	0	0	0	0	**	**	8	11	13	19	16	0	
		BF	90	0	0	0	0	0	0	**	5	7	17	15	26	19	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cerebrovascular diseases (I60-I69)	54.9	ALL	2481	**	**	**	**	**	6	20	72	162	246	352	812	801	0	
		WM	575	0	0	0	**	**	0	**	13	22	68	120	218	128	0	
		WF	1014	**	0	**	**	0	**	8	16	27	54	90	345	469	0	
		BM	388	0	**	0	0	**	**	**	17	57	70	76	99	61	0	
		BF	481	**	0	0	0	0	**	**	24	53	52	65	145	135	0	
		OM	14	0	0	0	0	0	**	**	**	**	**	**	**	**	**	0
		OF	9	0	0	0	0	0	0	0	0	0	**	0	0	**	6	0
Atherosclerosis (I70)	3.5	ALL	157	0	0	0	0	0	0	0	**	5	7	17	39	87	0	
		WM	49	0	0	0	0	0	0	0	0	**	**	9	14	21	0	
		WF	73	0	0	0	0	0	0	0	**	**	**	**	17	50	0	
		BM	11	0	0	0	0	0	0	0	**	**	0	5	**	**	0	
		BF	23	0	0	0	0	0	0	0	0	**	**	**	6	13	0	
		OM	**	0	0	0	0	0	0	0	0	0	0	0	0	**	**	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other diseases of circulatory system (I71-I78)	8.6	ALL	388	0	0	0	**	0	0	**	5	26	51	80	143	81	0	
		WM	134	0	0	0	0	0	0	0	0	7	18	40	55	14	0	
		WF	127	0	0	0	0	0	0	0	**	**	11	17	57	36	0	
		BM	59	0	0	0	**	0	0	**	**	11	13	13	10	8	0	
		BF	66	0	0	0	0	0	0	0	**	**	8	10	20	23	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	0	**	0	**	0	

DEATHS

2004 LOUISIANA VITAL STATISTICS REPORT

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Aortic aneurysm and dissection (I71)	4.5	ALL	205	0	0	0	0	0	0	**	**	13	29	47	84	29	0	
		WM	96	0	0	0	0	0	0	0	0	**	12	29	41	10	0	
		WF	57	0	0	0	0	0	0	0	0	**	**	5	11	29	10	0
		BM	25	0	0	0	0	0	0	0	**	**	5	8	**	**	**	0
		BF	25	0	0	0	0	0	0	0	0	0	**	**	**	9	7	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	0	**	0	**	0	0
Other diseases of arteries, arterioles and capillaries (I72-I78)	4.1	ALL	183	0	0	0	**	0	0	0	**	13	22	33	59	52	0	
		WM	38	0	0	0	0	0	0	0	0	**	6	11	14	**	0	
		WF	70	0	0	0	0	0	0	0	**	**	6	6	28	26	0	
		BM	34	0	0	0	**	0	0	0	**	**	6	5	9	6	6	0
		BF	41	0	0	0	0	0	0	0	**	**	5	7	11	16	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other disorders of circulatory system (I80-I99)	1.5	ALL	66	0	0	0	0	**	0	0	5	10	8	12	13	17	0	
		WM	17	0	0	0	0	**	0	0	**	**	**	**	**	**	**	0
		WF	24	0	0	0	0	0	0	0	**	**	**	**	**	**	10	0
		BM	13	0	0	0	0	0	0	0	**	**	**	**	**	5	**	0
		BF	12	0	0	0	0	0	0	0	0	**	**	6	**	**	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza and pneumonia (J10-J18)	20	ALL	905	9	5	**	0	**	6	7	21	42	65	125	254	366	0	
		WM	306	**	0	0	0	0	**	**	**	6	14	24	45	103	106	0
		WF	358	0	**	0	0	**	**	**	**	**	11	18	40	91	186	0
		BM	129	**	**	**	0	**	**	**	5	7	17	30	32	25	25	0
		BF	110	**	**	0	0	**	0	0	6	9	6	10	28	48	48	0
		OM	**	0	0	0	0	0	0	0	0	**	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
Influenza (J10-J11)	0.1	ALL	**	0	0	0	0	0	0	0	0	0	**	0	**	0	0	
		WM	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0
		WF	**	0	0	0	0	0	0	0	0	0	0	**	0	**	0	0
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Pneumonia (J12-J18)	20	ALL	902	9	5	**	0	**	6	7	21	42	63	125	253	366	0	
		WM	305	**	0	0	0	0	**	**	**	6	14	23	45	103	106	0
		WF	356	0	**	0	0	**	**	**	**	**	11	17	40	90	186	0
		BM	129	**	**	**	0	**	**	**	**	5	7	17	30	32	25	0
		BF	110	**	**	0	0	**	0	0	0	6	9	6	10	28	48	0
		OM	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
Other acute lower respiratory infections (J20-J22)	0.1	ALL	5	**	0	0	0	0	0	0	**	**	0	0	0	0	**	0
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		WF	**	**	0	0	0	0	0	0	0	**	0	0	0	0	**	0
		BM	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	0
		BF	**	**	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0.1	ALL	**	**	0	0	0	0	0	0	**	**	0	0	0	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	**	**	0	0	0	0	0	0	0	**	0	0	0	0	0	
		BM	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unspecified acute lower respiratory infection (J22)	0	ALL	**	**	0	0	0	0	0	0	0	0	0	0	0	**	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	**	**	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chronic lower respiratory diseases (J40-J47)	35.6	ALL	1608	**	0	0	**	**	**	**	16	58	174	385	597	366	0	
		WM	598	0	0	0	0	**	0	0	5	20	57	151	230	133	0	
		WF	720	0	0	0	0	0	**	**	**	**	19	74	175	266	180	
		BM	178	**	0	0	**	0	0	**	5	11	28	41	60	29	0	
		BF	109	0	0	0	0	**	**	0	**	8	15	17	41	22	0	
		OM	**	0	0	0	0	0	0	0	0	0	0	**	0	**	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk		
Bronchitis, chronic and unspecified (J40-J42)	0.3	ALL	12	**	0	0	0	0	0	0	**	**	**	**	**	5	0		
		WM	**	0	0	0	0	0	0	0	**	**	**	**	**	0	0	0	
		WF	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0	
		BM	**	**	0	0	0	0	0	0	0	0	0	0	0	0	**	0	
		BF	**	0	0	0	0	0	0	0	0	0	0	0	0	**	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema (J43)	4.1	ALL	185	0	0	0	0	0	0	**	5	30	56	60	32	0	0		
		WM	77	0	0	0	0	0	0	**	**	9	19	34	12	0	0		
		WF	80	0	0	0	0	0	0	0	**	14	29	21	14	0	0		
		BM	19	0	0	0	0	0	0	0	**	**	6	6	**	**	0		
		BF	8	0	0	0	0	0	0	0	0	**	**	**	**	**	0		
		OM	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Asthma (J45-J46)	1.4	ALL	61	0	0	0	**	**	**	**	6	8	6	10	15	7	0		
		WM	13	0	0	0	0	**	0	0	**	**	0	**	**	**	0		
		WF	23	0	0	0	0	0	0	**	**	**	**	**	**	7	5	0	
		BM	12	0	0	0	**	0	0	**	**	**	**	**	**	**	**	0	
		BF	13	0	0	0	0	**	**	0	**	**	**	**	**	**	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other chronic lower respiratory diseases (J44,J47)	29.9	ALL	1350	0	0	0	0	0	**	0	7	44	137	318	521	322	0		
		WM	504	0	0	0	0	0	0	0	**	15	47	128	193	120	0		
		WF	613	0	0	0	0	0	**	0	**	14	59	142	238	157	0		
		BM	144	0	0	0	0	0	0	0	**	9	19	34	55	25	0		
		BF	87	0	0	0	0	0	0	0	**	6	12	14	35	18	0		
		OM	**	0	0	0	0	0	0	0	0	0	0	0	0	**	0		
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pneumoconioses and chemical effects (J60-J66,J68)	0.4	ALL	17	0	0	0	0	0	0	0	**	**	**	**	9	**	0		
		WM	13	0	0	0	0	0	0	0	0	0	**	**	7	**	0		
		WF	**	0	0	0	0	0	0	0	0	**	0	0	**	0	0		
		BM	**	0	0	0	0	0	0	0	0	0	0	**	**	0	0		
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Pneumonitis due to solids and liquids (J69)	4.7	ALL	211	0	**	0	**	0	0	0	**	**	12	26	78	87	0	
		WM	76	0	0	0	0	0	0	0	**	**	**	9	36	25	0	
		WF	81	0	**	0	**	0	0	0	**	0	**	**	**	33	41	0
		BM	27	0	0	0	0	0	0	0	0	0	**	5	9	**	8	0
		BF	26	0	0	0	0	0	0	0	0	0	0	**	6	5	13	0
		OM	**	0	0	0	0	0	0	0	0	0	0	0	0	**	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)	11.2	ALL	504	6	**	**	**	0	6	**	9	28	66	108	156	116	0	
		WM	192	**	**	0	0	0	**	**	**	8	26	53	60	35	0	
		WF	202	**	0	**	**	0	**	**	**	7	20	33	70	64	0	
		BM	53	**	**	**	0	0	0	**	**	7	9	9	14	8	0	
		BF	54	**	0	0	0	0	0	0	**	6	11	12	11	9	0	
		OM	**	0	0	0	0	0	0	0	0	0	0	0	**	**	0	0
		OF	**	0	0	0	0	0	0	**	0	0	0	0	0	0	0	0
Peptic ulcer (K25-K28)	0.9	ALL	42	0	0	**	0	0	0	0	**	**	6	8	12	10	0	
		WM	17	0	0	**	0	0	0	0	**	**	**	**	**	**	5	0
		WF	18	0	0	0	0	0	0	0	0	0	**	5	7	5	0	
		BM	5	0	0	0	0	0	0	0	0	**	**	**	**	**	0	0
		BF	**	0	0	0	0	0	0	0	0	**	0	0	0	**	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of appendix (K35-K38)	0.1	ALL	5	0	0	0	0	0	0	0	0	0	0	**	**	**	0	
		WM	**	0	0	0	0	0	0	0	0	0	0	0	**	0	0	
		WF	**	0	0	0	0	0	0	0	0	0	0	0	0	**	**	0
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	0	0	**	0	0	0
Hernia (K40-K46)	0.8	ALL	35	**	0	0	0	0	0	0	**	**	**	10	9	9	0	
		WM	9	0	0	0	0	0	0	0	0	0	**	**	**	**	0	
		WF	13	**	0	0	0	0	0	0	0	0	0	5	**	**	0	
		BM	**	**	0	0	0	0	0	0	**	0	**	0	0	**	0	
		BF	9	0	0	0	0	0	0	0	0	**	**	**	**	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

DEATHS

2004 LOUISIANA VITAL STATISTICS REPORT

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Chronic liver disease and cirrhosis (K70,K73-K74)	8	ALL	360	0	0	0	0	0	0	**	41	93	99	69	47	8	0	
		WM	167	0	0	0	0	0	0	**	19	45	45	32	21	**	0	
		WF	109	0	0	0	0	0	0	**	11	14	27	28	24	**	0	
		BM	60	0	0	0	0	0	0	0	0	7	25	20	8	0	0	
		BF	21	0	0	0	0	0	0	0	0	**	8	6	**	**	0	0
		OM	**	0	0	0	0	0	0	0	**	0	**	**	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcoholic liver disease	3.2	ALL	143	0	0	0	0	0	0	**	21	46	42	25	8	0	0	
		WM	66	0	0	0	0	0	0	0	8	22	19	14	**	0	0	
		WF	32	0	0	0	0	0	0	**	8	7	6	5	5	0	0	
		BM	31	0	0	0	0	0	0	0	**	10	12	6	0	0	0	
		BF	13	0	0	0	0	0	0	0	**	7	**	0	0	0	0	
		OM	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other chronic liver disease and cirrhosis (K73-K74)	4.8	ALL	217	0	0	0	0	0	0	**	20	47	57	44	39	8	0	
		WM	101	0	0	0	0	0	0	**	11	23	26	18	18	**	0	
		WF	77	0	0	0	0	0	0	0	**	7	21	23	19	**	0	
		BM	29	0	0	0	0	0	0	0	**	15	8	**	0	0	0	
		BF	8	0	0	0	0	0	0	0	**	**	**	**	**	**	0	0
		OM	**	0	0	0	0	0	0	**	0	**	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cholelithiasis and other disorders of gallbladder (K80-K82)	1.6	ALL	73	0	0	0	0	0	0	**	**	5	14	25	26	0		
		WM	31	0	0	0	0	0	0	0	**	**	5	12	12	0		
		WF	26	0	0	0	0	0	0	0	**	**	**	9	9	0		
		BM	9	0	0	0	0	0	0	0	**	0	**	**	**	**	0	
		BF	7	0	0	0	0	0	0	0	0	0	0	**	**	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	24.5	ALL	1107	7	0	0	0	0	**	10	26	82	136	212	333	298	0	
		WM	299	**	0	0	0	0	**	**	**	15	25	51	118	79	0	
		WF	337	**	0	0	0	0	0	**	**	12	34	53	104	131	0	
		BM	194	**	0	0	0	0	0	**	9	32	24	51	46	28	0	
		BF	273	**	0	0	0	0	**	**	12	23	53	55	65	58	0	
		OM	**	0	0	0	0	0	0	0	0	0	0	**	0	**	0	
		OF	**	0	0	0	0	0	0	0	0	0	0	**	0	**	0	

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Chronic glomerulonephritis, nephritis & nephritis unspecified, & renal sclerosis unspecified (N02-N03,N05-N07,N26)	0.2	ALL	11	0	0	0	0	0	0	**	0	0	0	**	**	7	0	
		WM	**	0	0	0	0	0	0	0	0	0	0	0	**	**	**	0
		WF	6	0	0	0	0	0	0	0	**	0	0	0	**	**	**	0
		BM	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
		BF	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	24.3	ALL	1096	7	0	0	0	0	**	9	26	82	136	211	331	291	0	
		WM	296	**	0	0	0	0	**	**	**	15	25	51	117	77	0	
		WF	331	**	0	0	0	0	0	0	**	12	34	52	103	128	0	
		BM	193	**	0	0	0	0	0	**	9	32	24	51	46	27	0	
		BF	272	**	0	0	0	0	0	**	**	12	23	53	55	65	57	0
		OM	**	0	0	0	0	0	0	0	0	0	0	0	**	0	**	0
		OF	**	0	0	0	0	0	0	0	0	0	0	0	**	0	**	0
Infections of kidney (N10-N12, N13.6, N15.1)	0.1	ALL	5	0	0	0	0	0	0	0	**	0	0	0	**	**	0	
		WM	**	0	0	0	0	0	0	0	**	0	0	0	**	0	0	
		WF	**	0	0	0	0	0	0	0	0	0	0	0	**	**	0	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hyperplasia of prostate (N40)	0	ALL	**	0	0	0	0	0	0	0	0	0	0	0	**	**	0	
		WM	**	0	0	0	0	0	0	0	0	0	0	0	**	**	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Inflammatory diseases of female pelvic organs (N70-N76)	0	ALL	**	0	0	0	0	0	0	0	0	**	0	0	0	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Pregnancy, childbirth and the puerperium (O00-O99)	0.3	ALL	15	0	0	0	0	0	**	8	**	**	0	0	0	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		WF	6	0	0	0	0	0	0	**	**	**	0	0	0	0	0	0
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BF	8	0	0	0	0	0	0	**	5	**	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	0	ALL	**	0	0	0	0	0	0	**	0	0	0	0	0	0	0	0
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BF	**	0	0	0	0	0	0	0	**	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0.3	ALL	14	0	0	0	0	0	**	7	**	**	0	0	0	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	6	0	0	0	0	0	0	**	**	**	0	0	0	0	0	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	7	0	0	0	0	0	0	**	**	**	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
Certain conditions originating in the perinatal period (P00-P96)	6.7	ALL	304	304	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WM	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	105	105	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	97	97	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	**	**	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	**	0	0	0	0	0	0	0	0	0	0	0	0	0	
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	4.8	ALL	215	125	14	8	**	**	**	9	11	9	9	7	10	**	0	
		WM	73	44	**	**	**	**	0	5	**	**	**	**	**	**	**	
		WF	57	26	6	**	**	0	**	0	**	**	**	0	5	7	**	
		BM	49	31	**	**	**	0	**	**	**	**	**	**	**	0	0	
		BF	35	23	**	**	0	**	0	**	**	**	**	**	0	0	0	
		OM	**	**	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	20.2	ALL	912	102	5	**	**	**	10	22	44	55	60	105	192	310	**	
		WM	239	30	**	0	0	**	**	10	17	16	17	33	57	52	**	
		WF	379	20	0	0	0	**	**	0	8	6	18	29	93	202	0	
		BM	141	27	**	0	**	**	**	7	14	21	14	21	17	13	0	
		BF	147	25	**	**	0	0	**	5	5	12	10	22	24	39	0	
		OM	**	0	0	0	0	0	0	0	0	0	0	0	0	**	**	0
		OF	**	0	0	0	0	0	0	0	0	0	0	**	0	**	**	0
All other diseases (Residual) (Other in D65-N98)	72.8	ALL	3287	33	17	6	18	17	27	96	161	338	356	438	806	974	0	
		WM	919	8	**	**	5	10	13	28	52	128	117	154	228	172	0	
		WF	1342	**	**	**	7	0	**	20	27	66	104	155	366	586	0	
		BM	457	11	**	**	**	6	6	26	43	85	76	58	92	47	0	
		BF	554	9	9	0	**	**	5	21	39	57	57	69	118	165	0	
		OM	7	**	0	0	0	0	**	0	0	**	**	**	0	**	**	0
		OF	8	0	0	0	0	0	0	0	**	0	**	0	**	**	**	0
Accidents (V01-X59,Y85-Y86)	49.6	ALL	2242	39	50	36	50	164	216	335	367	347	180	132	180	146	0	
		WM	1075	7	12	6	18	86	117	180	198	183	83	61	76	48	0	
		WF	582	9	16	10	10	38	37	67	83	78	48	38	69	79	0	
		BM	399	10	14	14	14	30	51	59	61	70	28	21	18	9	0	
		BF	150	13	8	5	6	6	8	20	16	15	17	11	17	8	0	
		OM	25	0	0	0	**	**	**	6	6	0	**	0	0	**	**	0
		OF	11	0	0	**	**	0	**	**	**	**	**	0	**	0	0	0
Transport accidents (V01-V99,Y85)	23.9	ALL	1079	**	20	21	26	123	141	186	183	170	89	46	50	20	0	
		WM	509	0	**	5	9	59	73	93	93	84	40	19	22	9	0	
		WF	245	**	9	6	8	33	21	34	33	35	24	15	18	8	0	
		BM	221	**	**	5	**	21	38	36	42	41	13	8	6	**	0	
		BF	83	**	**	**	**	6	7	17	12	9	10	**	**	**	0	
		OM	14	0	0	0	**	**	**	**	**	**	0	**	0	0	0	0
		OF	7	0	0	**	**	0	**	**	**	**	0	0	0	0	0	0
Motor vehicle accidents (V02- V04,V09.0,V09.2,V12-14,V19,019.2,V19.4-V19.6,V20- 79,V80.3-V80.5,V81.0-81.1,V82.0-V82.1, V83-V86,V87.0-V87.8,V88.0-V88.8, V89.0,V89.2)	22	ALL	995	**	18	19	26	121	134	171	158	151	85	41	48	19	0	
		WM	461	0	**	**	9	58	68	87	76	74	37	16	22	8	0	
		WF	235	**	8	6	8	33	20	31	30	35	24	14	17	8	0	
		BM	203	**	**	5	**	20	37	32	39	35	13	7	5	**	0	
		BF	79	**	**	**	**	6	7	16	11	7	10	**	**	**	0	
		OM	11	0	0	0	**	**	**	**	**	**	0	**	0	0	0	0
		OF	6	0	0	**	**	0	**	**	**	**	0	0	0	0	0	0

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk		
Other land transport accidents (V01,V05- 06, V09.1, V09.3-V09.9, V10-V11,V15-V18, V19.3, V19.8V19.9, V80.0-V80.2, V80.6-V80.9, V81.2. 81.9, V82.2-V82.9, V87.9,88.9, V89.1,V89.3,V89.9)	0.6	ALL	28	0	**	**	0	**	**	**	6	6	**	**	**	0	0		
		WM	10	0	0	**	0	**	**	0	**	**	0	**	0	0	0	0	
		WF	**	0	**	0	0	0	0	0	0	**	0	0	**	**	0	0	0
		BM	12	0	**	0	0	**	**	**	**	**	**	0	**	**	0	0	0
		BF	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	0	0
		OM	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)	1.2	ALL	56	0	0	**	0	0	5	12	19	13	**	**	0	**	0		
		WM	38	0	0	**	0	0	**	6	14	7	**	**	0	**	0	0	
		WF	6	0	0	0	0	0	**	**	**	0	0	0	0	0	0	0	0
		BM	6	0	0	0	0	0	0	**	**	**	0	0	0	0	0	0	0
		BF	**	0	0	0	0	0	0	**	**	**	0	0	0	0	0	0	0
		OM	**	0	0	0	0	0	0	**	**	0	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	0	0
Nontransport accidents (W00-X59,Y86)	25.7	ALL	1163	35	30	15	24	41	75	149	184	177	91	86	130	126	0		
		WM	566	7	9	**	9	27	44	87	105	99	43	42	54	39	0	0	
		WF	337	8	7	**	**	5	16	33	50	43	24	23	51	71	0	0	
		BM	178	9	10	9	10	9	13	23	19	29	15	13	12	7	0	0	
		BF	67	11	**	**	**	0	**	**	**	**	6	7	7	13	7	0	0
		OM	11	0	0	0	0	0	**	**	**	0	**	0	0	**	0	0	
		OF	**	0	0	0	0	0	0	0	**	**	0	0	**	0	0	0	0
Falls (W00-W19)	3.7	ALL	166	0	**	0	0	**	5	7	5	18	20	28	41	40	0		
		WM	79	0	0	0	0	**	**	5	**	9	12	16	18	11	0	0	
		WF	67	0	0	0	0	0	**	**	0	6	**	8	22	27	0	0	
		BM	16	0	**	0	0	0	**	**	**	**	5	**	**	0	**	0	
		BF	**	0	0	0	0	0	0	0	0	0	0	**	**	0	**	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accidental discharge of firearms (W32-W34)	0.9	ALL	39	0	**	0	**	**	5	5	5	6	5	**	**	**	0		
		WM	23	0	**	0	**	**	**	**	**	5	5	**	**	**	0	0	
		WF	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
		BM	12	0	0	0	**	**	**	**	**	**	**	0	0	**	**	0	
		BF	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
		OM	**	0	0	0	0	0	0	0	**	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
1Accidental drowning and submersion (W65-W74)	1.9	ALL	88	0	8	6	6	8	10	13	10	14	6	6	**	0	0	
		WM	32	0	**	0	0	**	**	7	**	7	**	**	**	0	0	0
		WF	11	0	**	**	0	0	0	0	**	0	**	**	0	**	0	0
		BM	39	0	**	**	6	7	5	**	5	6	**	**	**	0	0	0
		BF	**	0	0	**	0	0	0	0	0	0	0	0	**	0	0	0
		OM	**	0	0	0	0	0	0	**	**	**	0	**	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accidental exposure to smoke, fire and flames (X00-X09)	2.1	ALL	95	**	11	8	6	**	**	8	6	12	9	10	11	6	0	
		WM	22	0	0	**	**	**	**	0	**	**	**	**	5	**	**	0
		WF	20	0	**	**	**	**	**	**	**	**	**	**	**	**	**	0
		BM	31	0	6	**	**	0	**	5	**	5	**	**	**	**	**	0
		BF	19	**	**	0	**	0	**	0	**	**	**	0	**	6	**	0
		OM	**	0	0	0	0	0	0	0	0	0	0	**	0	0	**	0
		OF	**	0	0	0	0	0	0	0	0	0	0	0	**	0	0	0
Accidental poisoning and exposure to noxious substances (X40-X49)	9.1	ALL	413	**	**	0	**	20	45	87	131	91	20	9	**	**	0	
		WM	243	0	0	0	**	18	29	55	78	52	6	**	**	**	**	0
		WF	128	**	0	0	0	**	14	25	43	26	10	**	**	**	**	0
		BM	26	0	**	0	0	0	**	**	**	9	**	**	**	**	0	0
		BF	11	0	0	0	**	0	0	**	**	**	**	**	0	0	0	0
		OM	**	0	0	0	0	0	0	0	**	0	0	0	0	0	0	0
		OF	**	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)	8	ALL	362	32	8	**	7	6	7	29	27	36	31	32	70	76	0	
		WM	167	7	6	0	5	**	6	16	13	23	16	14	32	25	0	
		WF	109	7	**	0	**	**	0	**	**	7	8	10	25	41	0	
		BM	54	9	0	**	**	0	**	9	8	5	**	5	6	5	0	
		BF	30	9	**	0	0	0	0	**	**	**	**	**	**	7	**	0
		OM	**	0	0	0	0	0	0	0	0	0	0	0	0	0	**	0
		OF	**	0	0	0	0	0	0	0	0	**	0	0	0	0	0	0
Intentional self-harm (suicide) (X60-X84,Y87.0)	11.8	ALL	533	0	0	0	6	33	52	98	111	110	49	34	33	7	0	
		WM	355	0	0	0	**	21	35	60	73	71	33	29	25	5	0	
		WF	91	0	0	0	**	**	5	11	26	26	11	**	5	**	0	
		BM	75	0	0	0	**	7	9	24	10	11	5	**	**	**	0	
		BF	8	0	0	0	**	0	**	**	**	0	0	0	0	0	0	0
		OM	**	0	0	0	0	0	0	**	0	0	**	0	0	0	0	0
		OF	**	0	0	0	0	0	**	0	0	0	0	0	0	0	0	0

DEATHS

2004 LOUISIANA VITAL STATISTICS REPORT

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk		
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	8.2	ALL	369	0	0	0	**	22	34	64	71	75	35	31	29	5	0		
		WM	257	0	0	0	**	15	22	38	46	55	26	26	24	**	0		
		WF	51	0	0	0	**	**	**	8	19	10	5	**	**	**	0	0	
		BM	57	0	0	0	**	5	9	17	**	9	**	**	**	**	**	0	
		BF	**	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0	
		OM	**	0	0	0	0	0	0	0	0	0	**	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71,X75-X84,Y87.0)	3.6	ALL	164	0	0	0	**	11	18	34	40	35	14	**	**	**	0		
		WM	98	0	0	0	**	6	13	22	27	16	7	**	**	**	0		
		WF	40	0	0	0	0	**	**	**	7	16	6	0	**	**	**	0	
		BM	18	0	0	0	0	**	0	7	6	**	**	0	0	0	0	0	
		BF	5	0	0	0	**	0	**	**	0	0	0	0	0	0	0	0	
		OM	**	0	0	0	0	0	0	**	0	0	**	0	0	0	0	0	
		OF	**	0	0	0	0	0	**	0	0	0	0	0	0	0	0	0	
Assault (homicide) (X85-Y09,Y87.1)	13.3	ALL	603	7	6	**	**	63	158	188	78	55	28	10	5	**	0		
		WM	73	0	**	0	**	**	9	18	11	15	6	6	**	**	0	0	
		WF	50	**	0	0	0	**	**	12	13	7	**	**	**	**	0	0	
		BM	413	**	**	**	**	50	128	140	45	26	16	**	0	0	0	0	
		BF	64	**	**	0	**	**	16	18	9	7	**	**	**	**	**	0	
		OM	**	0	0	0	0	**	**	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
Assault (homicide) by discharge of firearms (X93-X95)	10.6	ALL	478	0	0	0	**	54	145	160	55	34	21	**	**	**	0	0	
		WM	45	0	0	0	0	**	7	12	7	9	**	**	**	**	0	0	
		WF	23	0	0	0	0	**	**	6	6	**	**	0	**	**	0	0	
		BM	368	0	0	0	**	48	122	130	38	16	12	**	0	0	0	0	
		BF	39	0	0	0	0	**	12	12	**	5	**	**	**	**	**	0	0
		OM	**	0	0	0	0	**	**	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	0	0	0	0	**	0	0	0	0	
Assault (homicide) by other and unspecified means and their sequelae (X85-X92,X96-Y09,Y87.1)	2.8	ALL	125	7	6	**	**	9	13	28	23	21	7	6	**	**	**	0	
		WM	28	0	**	0	**	**	**	**	6	**	6	**	**	**	0	0	0
		WF	27	**	0	0	0	**	**	**	6	7	**	**	**	**	**	0	0
		BM	45	**	**	**	0	**	**	6	10	7	10	**	0	0	0	0	0
		BF	25	**	**	0	**	**	**	**	6	5	**	0	0	0	0	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5.12 Deaths (Exclusive of Fetal Deaths) by Selected Causes, Race-Gender and Age (in years) Louisiana Residents 2004

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk	
Legal intervention (Y35,Y89.0)	0.1	ALL	**	0	0	0	0	0	0	0	**	**	0	0	0	0	0	
		WM	**	0	0	0	0	0	0	0	**	0	0	0	0	0	0	0
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BM	**	0	0	0	0	0	0	0	**	**	0	0	0	0	0	0
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34,Y87.2,Y89.9)	2.6	ALL	117	**	**	0	0	**	16	25	33	26	**	**	**	0	0	
		WM	61	0	0	0	0	**	13	13	19	11	**	**	**	0	0	
		WF	33	**	**	0	0	0	**	8	11	7	**	**	**	0	0	
		BM	14	0	**	0	0	0	**	**	**	5	0	**	**	0	0	
		BF	7	**	0	0	0	0	**	0	**	**	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	**	0	0	0	0	0	0	0	
Discharge of firearms, undetermined intent (Y22-Y24)	0.2	ALL	7	0	0	0	0	**	**	**	**	**	0	**	0	0	0	
		WM	**	0	0	0	0	**	**	0	0	**	0	0	0	0	0	
		WF	**	0	0	0	0	0	0	0	**	0	0	0	0	0	0	
		BM	**	0	0	0	0	0	0	**	0	0	0	**	0	0	0	
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)	2.4	ALL	110	**	**	0	0	**	14	24	32	25	**	**	**	0	0	
		WM	57	0	0	0	0	**	11	13	19	10	**	**	**	0	0	
		WF	32	**	**	0	0	0	**	8	10	7	**	**	**	0	0	
		BM	12	0	**	0	0	0	**	**	**	5	0	**	**	0	0	
		BF	7	**	0	0	0	0	**	0	**	**	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	**	0	0	0	0	0	0	**	0	0	0	0	0	0	0	
Operations of war and their sequelae (Y36,Y89.1)	0	ALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		WF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		BF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

CAUSE OF DEATH and ICD-10 Code	Crude Rate*	Race / Gender	All	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Unk		
Complications of medical and surgical care (Y40-Y84, Y88)	1.1	ALL	51	0	**	0	0	0	0	0	**	6	10	8	18	**	0		
		WM	15	0	**	0	0	0	0	0	0	**	**	**	**	7	**	0	
		WF	14	0	0	0	0	0	0	0	0	**	0	**	5	**	**	0	
		BM	7	0	**	0	0	0	0	0	0	0	0	**	**	**	**	0	0
		BF	15	0	0	0	0	0	0	0	0	**	**	**	**	0	7	**	0
		OM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

RATE PER 100,000 POPULATION

**Cells Suppressed to maintain confidentiality



INFANT AND MATERNAL MORTALITY

INTRODUCTION

Purpose of Infant Mortality and Maternal Mortality Surveillance

The rate of infant deaths, i.e., deaths to babies between birth and 1 year of age, is a basic measure of the health of a population. High infant mortality rates reflect unmet medical care needs and unfavorable environmental, economic, nutritional, educational, and sanitation conditions. Infant mortality surveillance is used to identify factors that place infants at high risk of death, so that medical, social, and economic interventions can be directed more effectively to reduce the risk.

An increased risk of infant death is related to a number of factors, including extremes in maternal age at birth (under 19 or over 40 years), fewer than 2 years between births, birth under conditions of poor maternal health or nutrition, and use of chemical toxins such as alcohol, drugs, and cigarettes during pregnancy. Many of these factors are also associated with low birthweight. After the first month of life, poor infant nutrition, poor hygiene, and infectious diseases all increase the risk of infant mortality.

Maternal mortality is defined as deaths from puerperal causes, i.e., complications of pregnancy, childbirth, and the period after childbirth. These deaths can be related to previously existing maternal health problems, or they can occur from acute conditions arising during pregnancy, labor, or delivery. Such deaths are influenced not only by access to and adequacy of a woman's obstetric care, but also by her age, nutritional status, and socioeconomic level. Comparisons of maternal mortality rates among populations help identify pregnant women at risk of dying from complications of pregnancy or childbirth so that proactive measures (e.g., education, nutritional supplementation) can be taken to minimize the risk.

Source of Data: Death Certificates

Infant mortality information presented in this report is gathered from data recorded on the *Certificate of Death* for deaths that occurred to infants born to Louisiana residents during the 2003 calendar year. Maternal mortality data are also collected from the *Certificate of Death*. Data are recorded on death certificates by funeral directors, who solicit demographic information from available next of kin, and by physicians or coroners, who record information on time, place, and cause of death. Louisiana law requires that funeral directors send death certificates to the Vital Records Registry within five days of occurrence, and that the identities of persons included in the death registry be kept confidential.

Death statistics are compiled in accordance with World Health Organization (WHO) regulations, which require member nations to classify causes of death according to the revision of the International Statistical Classification of Diseases (ICD) in effect at the time of death. Deaths that occurred in 2003 are coded in accordance with the tenth revision (ICD-10). All of the causes of death described in this report are **underlying causes of death**, defined as the disease or injury that initiated the sequence of events leading to death. Secondary causes of death, which also are recorded on the death certificate, are not presented in this report.

MATERNAL MORTALITY COUNTS AND RATES

In 2004, there were fifteen maternal deaths in Louisiana. Louisiana's maternal mortality rate for 2004 was 23.1 deaths per 100,000 live births. Racial differences are evident as black mothers are far more likely to die of pregnancy related causes than white mothers are. Care must be taken when comparing maternal mortality rates over time, because substantial fluctuation in these rates exists due to the small number of deaths each year.

For causes of maternal death, please refer to Table 5.11 in the death chapter of this report.

Table 6.1: Number and Rates of Maternal Deaths by Race and Age Louisiana, 1995-2004

Year	All Races		Number of Maternal Deaths by Age Group															
	Rate*	Number	White							Black								
			15-19	20-24	25-29	30-34	35-39	40-44	45 +	All	15-19	20-24	25-29	30-34	35-39	40-44	45+	All
1995	6.1	****	0	****	0	0	0	0	0	****	0	****	****	0	0	0	0	****
1996	12.3	8	****	0	0	0	0	0	****	****	****	0	****	****	0	0	7	
1997	6.1	****	0	****	0	0	0	0	****	****	****	****	0	0	0	0	****	
1998	3.0	****	0	0	0	0	0	0	0	****	0	0	0	****	0	0	****	
1999	11.9	8	0	0	0	0	****	0	0	****	****	****	****	0	****	0	6	
2000	7.4	5	0	0	0	****	0	0	****	0	****	****	****	****	0	0	****	
2001	13.8	9	****	****	0	0	****	0	****	****	****	****	****	****	0	0	6	
2002	13.4	7	0	0	****	0	****	0	****	****	****	****	0	0	0	0	5	
2003	18.6	12	0	1	1	0	2	0	4	****	****	****	4	2	0	0	8	
2004	23.1	15	0	2	3	0	1	0	6	****	****	****	5	0	0	1	8	

*Rate per 100,000 live births. Note that rates are unstable due to small frequency of occurrence.

**** Cells suppressed to protect confidentiality.

Table 6.2: Maternal deaths by place of occurrence, reallocated to mother's usual residence and shown by age and Race of Mother, LA 2004

		Total By Occurrence	Total by Residence	Rate#	LT 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
STATE	All	14	15	23.1	0	0	4	8	0	1	1	1
	White	5	6	16.3	0	0	2	3	0	1	0	0
	Black	8	8	30.2	0	0	2	5	0	0	1	0
	Other	1	1	63.1	0	0	0	0	0	0	0	1
Caddo	All	1	-	0	-	-	-	-	-	-	-	-
	White	1	-	0	-	-	-	-	-	-	-	-
Calcasieu	All	-	1	37	0	0	1	0	0	0	0	0
	White	-	1	54.1	0	0	1	0	0	0	0	0
E Baton Rouge	All	2	2	35	0	0	0	0	0	1	1	0
	White	1	1	42.2	0	0	0	0	0	1	0	0
	Black	1	1	31.7	0	0	0	0	0	0	1	0
Franklin	All	-	1	339	0	0	0	1	0	0	0	0
	White	-	1	632.9	0	0	0	1	0	0	0	0
Iberia	All	1	1	90.2	0	0	0	1	0	0	0	0
	Black	1	1	207.9	0	0	0	1	0	0	0	0
Jefferson	All	1	-	0	-	-	-	-	-	-	-	-
	White	1	-	0	-	-	-	-	-	-	-	-
Lafayette	All	2	-	0	-	-	-	-	-	-	-	-
	Black	2	-	0	-	-	-	-	-	-	-	-
Lincoln	All	-	1	187.3	0	0	0	1	0	0	0	0
	White	-	1	354.6	0	0	0	1	0	0	0	0
Orleans	All	1	1	14.6	0	0	0	1	0	0	0	0
	Black	1	1	18.8	0	0	0	1	0	0	0	0
Ouachita	All	2	1	42.8	0	0	0	1	0	0	0	0
	White	1	-	0	-	-	-	-	-	-	-	-
	Black	1	1	94.3	0	0	0	1	0	0	0	0
St Charles	All	-	1	139.1	0	0	1	0	0	0	0	0
	White	-	1	217.9	0	0	1	0	0	0	0	0

Table 6.2: Maternal deaths by place of occurrence, reallocated to mother's usual residence and shown by age and Race of Mother, LA 2004

		Total By Occurrence	Total by Residence	Rate [#]	LT 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
St Landry	All	2	2	145	0	0	1	1	0	0	0	0
	White	1	1	150.4	0	0	0	1	0	0	0	0
	Black	1	1	140.8	0	0	1	0	0	0	0	0
St. Martin	All	-	1	142.7	0	0	0	1	0	0	0	0
	Black	-	1	353.4	0	0	0	1	0	0	0	0
St. Mary	All	-	1	131.9	0	0	1	0	0	0	0	0
	Black	-	1	343.6	0	0	1	0	0	0	0	0
St. Tammany	All	1	1	33.9	0	0	0	0	0	0	0	1
	Other	1	1	2041	0	0	0	0	0	0	0	1
Webster	All	1	1	196.9	0	0	0	1	0	0	0	0
	Black	1	1	565	0	0	0	1	0	0	0	0

Rate per 100,000 live births

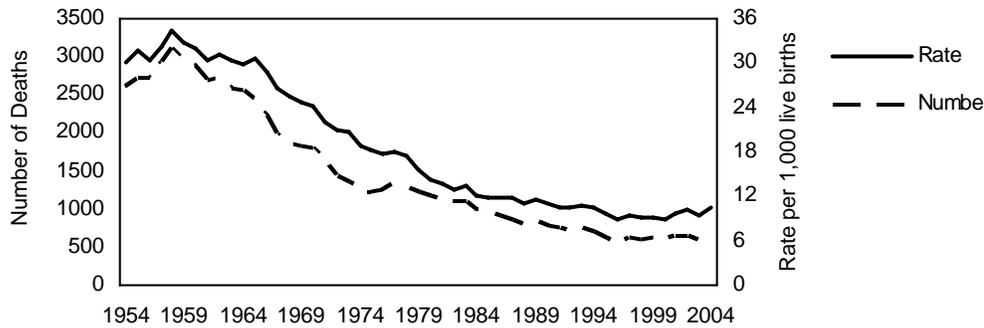
INFANT MORTALITY COUNTS AND RATES

In 2004, there were 678 infant deaths and 604 in 2003. Louisiana's 2004 infant mortality rate was 10.4 per 1,000 live births.

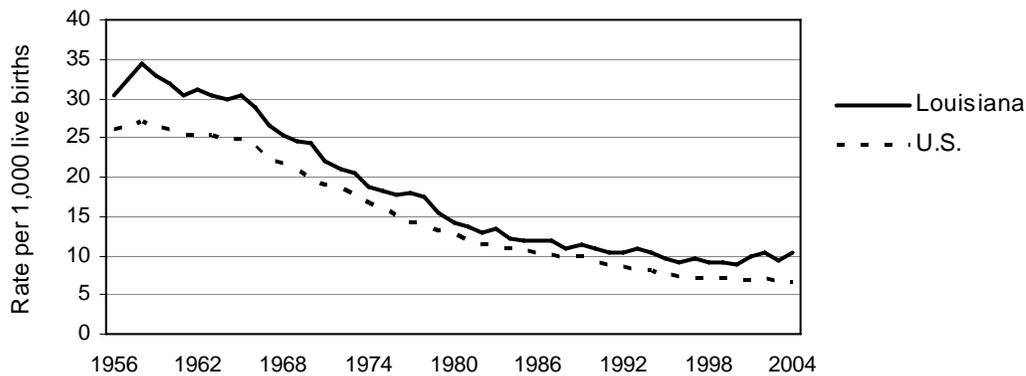
To help identify factors that lead to infant deaths, infant mortality is divided into two categories based on the child's age at death. Deaths occurring during the first 27 days of life are labeled **neonatal deaths**, while those occurring from 28 days through 364 days of age are termed **postneonatal deaths**. In general, neonatal deaths reflect problems with heredity, prenatal development, and the birth process; postneonatal deaths are influenced by environmental factors, such as nutrition, hygiene, and accidents. The distinction between these two periods, however, has blurred in recent years because of increased survival of premature infants due to advances in neonatology.

Since the mid-1960s, infant mortality rates for both Louisiana and the United States have declined, largely due to advances in the development and use of antibiotics and vaccines, and improvements in the practice of neonatology.

**Figure 6.1 Infant Death Counts and Infant Mortality Rates
Louisiana, 1954-2004**



**Figure 6.2 Infant Mortality Rates
Louisiana and United States, 1954-2004**



Infant Mortality by Infant Race

Of the 678 infant deaths to Louisiana residents in 2004, 282 (41.6%) occurred among whites, 390 (57.5%) among blacks, and 6 (less than 1%) among other races. The racial difference in mortality rates has existed for many years at both the state and national levels.

Table 6.3: Number of Infant Deaths and Infant Mortality Rates Louisiana and United States, 1985-2004

Year	Louisiana			United States			
	Number	Infant Mortality Rate ¹	Neonatal Mortality Rate ²	Postneonatal Mortality Rate ³	Infant Mortality Rate ¹	Neonatal Mortality Rate ²	Postneonatal Mortality Rate ³
1985	966	11.9	7.7	4.2	10.6	7.0	3.7
1986	925	11.9	7.7	4.1	10.4	6.7	3.6
1987	870	11.8	7.7	4.1	10.1	6.5	3.6
1988	808	10.9	7.0	4.0	10.0	6.3	3.6
1989	834	11.5	7.3	4.2	9.8	6.2	3.6
1990	796	11.0	6.7	4.4	9.2	5.8	3.4
1991	754	10.5	6.6	3.9	8.9	5.6	3.4
1992	736	10.4	6.6	3.9	8.5	5.4	3.1
1993	752	10.8	6.8	4.0	8.4	5.3	3.1
1994	715	10.5	7.0	3.5	8.0	5.1	2.9
1995	639	9.7	6.4	3.3	7.6	4.9	2.7
1996	586	9.0	5.6	3.4	7.3	4.8	2.5
1997	629	9.5	6.2	3.3	7.2	4.8	2.5
1998	606	9.1	5.9	3.2	7.2	4.8	2.4
1999	618	9.2	5.8	3.4	7.1	4.7	2.3
2000	603	8.9	5.7	3.2	6.9	4.6	2.3
2001	642	9.8	6.4	3.4	6.9	4.6	2.3
2002	661	10.2	6.6	3.6	7.0	4.7	2.3
2003	604	9.3	5.7	3.6	6.8	4.6	2.2
2004	678	10.4	6.3	4.2	6.8	4.5	2.3

¹Infant Mortality Rate = deaths to infants under 1 year, per 1,000 live births
²Neonatal Mortality Rate = deaths to infants under 28 days, per 1,000 live births
³Postneonatal Mortality Rate = deaths to infants between 28 and 364 days, per 1,000 live births
 Source: Louisiana State Center for Health Statistics
 National Vital Statistics Report, Volume 54, Number 16, table 6, p.21.

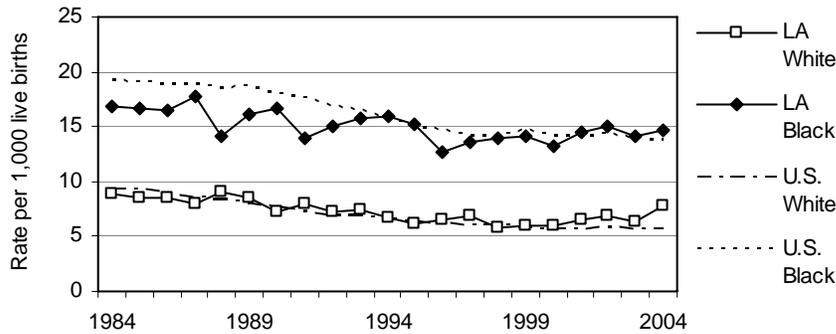
Table 6.4: Infant Mortality Rates by Age at Death and Infant Race Louisiana, 2004

Race	Rate ⁺ by Age (in Days) at Death						Combined Rates			
	Under 1	1-6	7-13	14-20	21-27	28-364	Hebdomadal ¹	Neonatal ²	Perinatal ³	Infant ⁴
All	3.5	1.3	0.7	0.5	0.3	4.2	4.8	6.3	12.9	10.4
White	2.3	1	0.4	0.4	0.2	3.4	3.2	4.2	9.1	7.7
Black	5.4	1.7	1.2	0.8	0.3	5.3	7.2	9.4	18.7	14.7
Other	0.6	1.3	-	-	-	1.9	1.9	1.9	5.7	3.8

⁺Rate per 1,000 live births in age category
¹Hebdomadal mortality rate = deaths to infants under 7 days, per 1,000 live births
²Neonatal mortality rate = deaths to infants under 28 days, per 1,000 live births
³Perinatal mortality rate = fetal deaths + deaths to infants under 7 days, per 1,000 fetal deaths + live births
⁴Infant mortality rate = deaths to infants under 1 year, per 1,000 live births

Infant mortality rates for blacks have historically been lower in Louisiana than in the United States. Louisiana's infant mortality rates among whites have historically been very similar to those of the nation, and 2004 mirrored the trend (Figure 6.3 and Table 6.5).

**Figure 6.3 Infant Mortality Rates by Race
Louisiana and United States, 1984-2004**



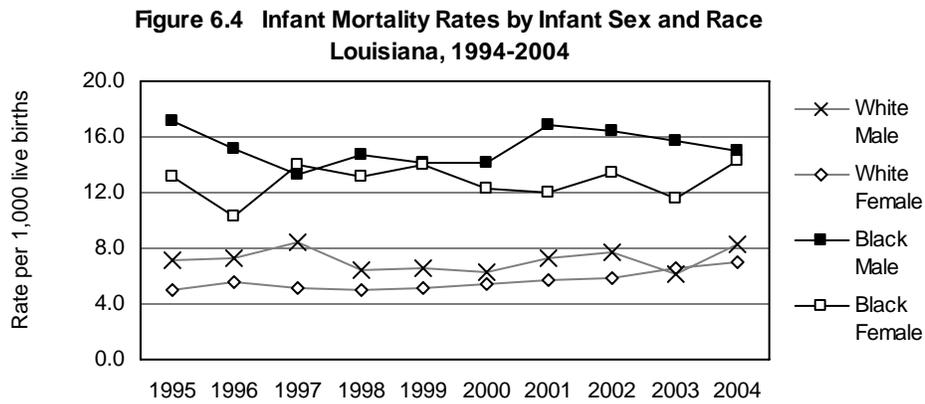
**Table 6.5: Infant Mortality Rates, Neonatal Mortality Rates, and Postneonatal Mortality Rates
Louisiana and United States, 1983-2004**

Year	Infant Mortality Rate ¹				Neonatal Mortality Rate ²				Postneonatal Mortality Rate ³			
	Louisiana		United States		Louisiana		United States		Louisiana		United States	
	White	Black	White	Black	White	Black	White	Black	White	Black	White	Black
1983	9.8	19.1	9.6	20.0	6.6	12.5	6.3	12.9	3.2	6.6	3.3	7.0
1984	8.9	16.9	9.3	19.2	6.0	11.2	6.1	12.3	2.9	5.7	3.2	6.8
1985	8.6	16.7	9.2	19.0	5.9	10.5	6.0	12.6	2.7	6.2	3.2	6.4
1986	8.6	16.5	8.8	18.9	5.9	10.3	5.7	12.3	2.7	6.2	3.1	6.6
1987	8.0	17.7	8.5	18.8	5.1	11.7	5.4	12.3	2.9	6.0	3.1	6.4
1988	9.0	14.1	8.4	18.5	5.6	9.2	5.3	12.1	3.4	4.9	3.1	6.5
1989	8.5	16.1	8.1	18.6	5.5	10.0	5.1	11.9	3.0	6.1	2.9	6.7
1990	7.2	16.7	7.6	18.0	4.4	10.0	4.8	11.6	2.8	6.7	2.8	6.4
1991	8.0	14.0	7.3	17.6	5.3	8.5	4.5	11.2	2.7	5.5	2.8	6.3
1992	7.3	15.0	6.9	16.8	4.5	9.6	4.3	10.8	2.8	5.4	2.6	6.0
1993	7.4	15.7	6.8	16.5	4.5	10.0	4.3	10.7	2.9	5.7	2.5	5.8
1994	6.7	16.0	6.6	15.8	5.0	11.0	4.2	10.2	1.7	5.0	2.4	5.6
1995	6.1	15.2	6.3	15.1	4.1	10.0	4.1	9.8	2.0	5.2	2.2	5.3
1996	6.5	12.7	6.1	14.7	3.9	8.0	4.0	9.6	2.6	4.7	2.1	5.1
1997	6.8	13.6	6.0	14.2	4.4	8.9	4.0	9.4	2.4	4.7	2.0	4.8
1998	5.8	14.0	6.0	14.3	3.8	9.2	4.0	9.5	2.0	4.8	2.0	4.8
1999	5.9	14.1	5.8	14.6	3.7	9.1	3.9	9.8	2.2	5.1	1.9	4.8
2000	5.9	13.2	5.7	14.1	3.8	8.5	3.8	9.4	2.1	4.7	1.9	4.7
2001	6.5	14.5	5.7	14.2	4.1	9.5	3.8	9.3	2.4	5.0	1.9	4.8
2002	6.9	15.0	5.8	14.4	4.4	9.7	3.9	9.5	2.5	5.3	1.9	4.8
2003	6.4	13.8	5.7	14.0	3.9	8.4	3.9	9.2	2.5	5.3	1.9	4.3
2004	7.7	14.7	5.7	13.8	4.2	9.4	3.9	9.1	3.4	5.3	1.9	3.7

¹Infant Mortality Rate = deaths to infants under 1 year, per 1,000 live births
²Neonatal Mortality Rate = deaths to infants under 28 days, per 1,000 live births
³Postneonatal Mortality Rate = deaths to infant between 28 and 364 days, per 1,000 live births
 Source: Louisiana State Center for Health Statistics
 National Vital Statistics Report, Volume 54, Number 16, table 6, p.21.

Infant Mortality by Infant Gender and Race

As in past years, Louisiana’s infant mortality rate for males in 2003 was higher than the rate for females. Rates for black infants were higher than those for white infants, while rates for black males were higher than those for black females and whites of both sexes (Figure 6.4, Table 6.6).



**Table 6.6: Infant Mortality Rates* by Infant Gender and Race
Louisiana, 1993-2004**

Year	Total	White		Black	
		Male	Female	Male	Female
1993	10.8	7.4	7.3	17.5	13.9
1994	10.5	7.3	6.1	17.2	14.8
1995	9.7	7.1	5.0	17.1	13.2
1996	9.0	7.3	5.6	15.1	10.3
1997	9.5	8.4	5.1	13.3	14.0
1998	9.1	6.5	5.0	14.7	13.2
1999	9.2	6.6	5.2	14.2	14.0
2000	8.9	6.3	5.4	14.1	12.3
2001	9.8	7.3	5.7	16.8	12.0
2002	10.2	7.7	5.9	1.6	1.3
2003	9.3	6.2	6.6	15.7	11.6
2004	10.4	8.3	6.9	15.1	14.3

*Rate per 1,000 race/sex-specific live births

CAUSES OF INFANT DEATH

Leading Causes of Infant Death

Perinatal conditions, congenital malformations, and ill-defined conditions, including sudden infant death syndrome (SIDS), accounted for 46.2%, 18.0%, and 25.5% of infant deaths in Louisiana in 2003 respectively (Table 6.5). Historically, these three have been the leading causes of death among infant deaths in the state (Figure 6.5 and Figure 6.6, Table 6.7 on page 121).

Irrespective of cause of death, 35.6% of all infant deaths (215 deaths) occurred within the first day of life, and 38.6% (233 deaths) occurred between the 28th and 364th day of life (Table 6.7).

Beginning with deaths occurring in 1999, the United States implemented the tenth revision of the International Statistical Classification of Diseases, Injuries, and Causes of Death (ICD-10). The ICD system categorizes causes of death recorded on death certificates into cause-of-death groupings useful for summarizing, describing, and comparing causes of death throughout the world (see Technical Notes).

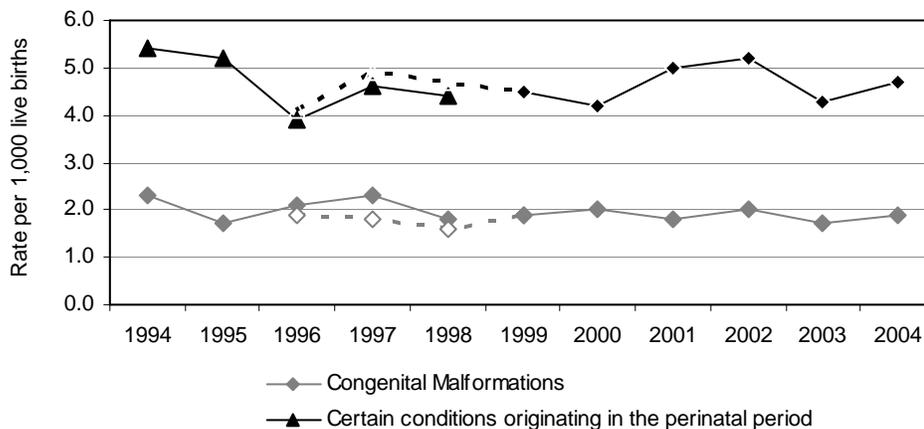
Figures 6.5 and 6.6 present two versions of infant mortality rates for 1996, 1997, and 1998. The "filled" pointers for these three years report infant mortality rates as determined under the ninth revision of the International Classification of Diseases (ICD-9), which was used to classify deaths occurring from 1979 through 1998. The "unfilled" pointers report these same crude death rates after they have been adjusted mathematically to be comparable to the revisions in death coding implemented under ICD-10. Table 6.8 reports both unmodified (i.e., ICD-9) and comparability-modified (i.e., adjusted to be comparable to ICD-10) versions of the 1996, 1997, and 1998 infant mortality rates. As seen in Figures 6.5, 6.6 and Table 6.8, the change from ICD-9 to ICD-10 had only a slight impact on the infant mortality rates for Louisiana's leading causes of infant death between 1999 and 2004.

Table 6.7: Number of Deaths for Leading Causes of Infant Deaths by Age at Death Louisiana, 2004

Cause of Death (ICD-10 Code)	Age at Death, in Days		
	All Ages	Under 1 day	28 - 364 days
Deaths from all causes	678	228	270
Perinatal conditions (P00-P96)	304	178	23
Short gestation/Low birthweight (P07)	133	100	6
Other newborn respiratory conditions (P23-P28)	32	12	8
Congenital malformations (Q00-Q99)	125	36	41
Ill-defined conditions (R00-R99)	102	7	85
Sudden infant death syndrome (R95)	66	0	63

**** Cells suppressed to protect confidentiality.

Figure 6.5 Rates for Leading Causes of Infant Death Louisiana, 1994-2004

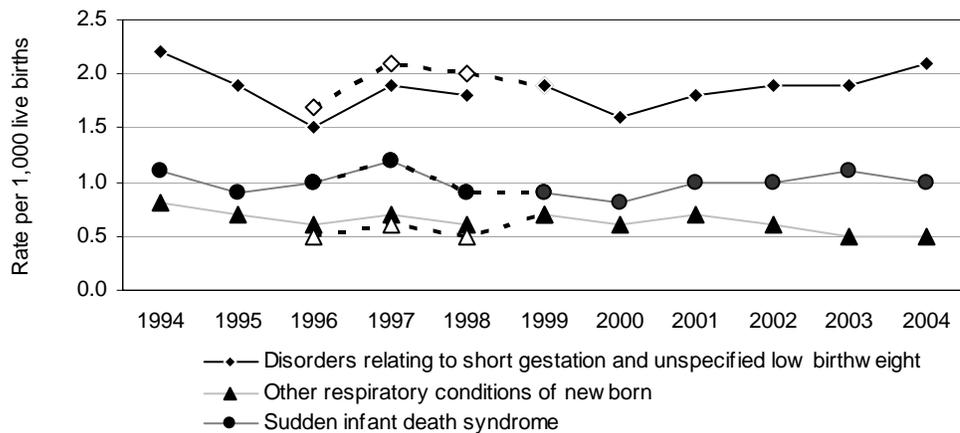


Notes: unfilled symbols (◇ and △) represent crude death rates multiplied by a comparability ratio.

Congenital Malformations: ICD-9 codes in 1979-1998: 740-759
 ICD-10 codes in 1999-2003: Q00-Q99
 Comparability Ratio = 0.9064

Certain conditions originating in the perinatal period: ICD-9 codes in 1979-1998: 760-771.2, 771.4-779
 ICD-10 codes in 1999-2003: P00-P96
 Comparability Ratio = 1.0581

Figure 6.6 Rates for Leading Causes of Infant Death
Louisiana, 1994-2004



Notes: unfilled symbols (◇, △, and ○) represent crude death rates multiplied by a comparability ratio.

Disorders relating to short gestation and unspecified low birthweight:
 ICD-9 codes in 1979-1998: 765
 ICD-10 codes in 1999-2003: P07
 Comparability Ratio = 1.1060

Other respiratory conditions of newborn:
 ICD-9 codes in 1979-1998: 770
 ICD-10 codes in 1999-2002: P23-P28
 Comparability Ratio = 0.8455

Sudden infant death syndrome:
 ICD-9 codes in 1979-1998: 798.0
 ICD-10 codes in 1999-2003: R95
 Comparability Ratio = 1.0362

Table 6.8: Crude Death Rates* for Leading Causes of Death Louisiana, 1994-2004

Cause of Death (ICD-9 and ICD-10)	1995	1996	1997	1998	Comparability Ratio	Comparability-modified ¹			1999	2000	2001	2002	2003	2004	
						1996	1997	1998							
Congenital Malformations (740-759) (Q00-Q99)	1.7	2.1	2.0	1.8	0.9064	1.9	1.8	1.6	1.9	2.0	1.8	2.0	1.7	1.9	
All (760-771.2, 771.4-779) (P00-P96)	5.2	3.9	4.6	4.4	1.0581	4.1	4.9	4.7	4.5	4.2	5.0	5.2	4.3	4.7	
Perinatal Conditions	Short Gestation/Low Birthweight (765) (P07)	1.9	1.5	1.9	1.8	1.1060	1.7	2.1	2.0	1.9	1.6	1.8	1.9	1.9	2.1
	Other Newborn Respiratory Conditions (770) (P23-P28)	0.7	0.6	0.7	0.6	0.8455	0.5	0.6	0.5	0.7	0.6	0.7	0.6	0.5	0.5
Ill-defined Conditions	All (780-799) (R00-R99)	0.9	1.1	1.3	1.0	1.0245	1.1	1.3	1.0	1.0	1.0	1.3	1.4	1.3	1.6
	Sudden infant Death Syndrome (798.0)(R95)	0.9	1.0	1.2	0.9	1.0362	1.0	1.2	0.9	0.9	0.8	1.0	1.0	1.1	1.0

Leading Causes of Infant Death by Race and Infant Gender

In 2004, the three leading causes of infant deaths in Louisiana were Perinatal Conditions, Congenital Malformations, and Ill-Defined Conditions (ICD-10 codes P00-P96, Q00-Q99, and R00-R99, respectively).

In 2004 the mortality rate for *Certain Conditions Originating in the Perinatal Period* was 468.00 per 100,000 live births, while the rate for *Ill-defined conditions* (termed by the ICD-10 as "symptoms, signs, and abnormal clinical and laboratory findings not elsewhere classified") was 157.00 per 100,000 live births (Table 6.9). Within the category of ill-defined conditions, SIDS is the largest and most well-known classification. Classifications which included fewer than 20 cases in an individual race-sex group should be considered unstable as in the case of SIDS.

The high rates of mortality in the leading cause categories experienced by infants of other races were based upon very small counts of infant deaths and should, therefore, be considered unstable.

Infant Mortality by Selected Causes of Infant Death

Table 6.9 gives details of year 2004 counts and rates of infant deaths by causes of death, infant race, and infant sex.

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004									
Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
All causes	ALL	1044	678	228	84	44	35	17	270
	WM	833	157	52	20	5	4	6	70
	WF	694.4	125	31	16	8	10	3	57
	BM	1505	204	77	18	20	13	5	71
	BF	1434	186	67	28	11	8	3	69
	OM	621.9	5	1	1	0	0	0	3
	OF	128	1	0	1	0	0	0	0
Certain infectious and parasitic diseases (A00-B99)	ALL	27.7	18	2	0	1	0	0	15
	WM	26.5	5	0	0	0	0	0	5
	WF	22.2	4	1	0	0	0	0	3
	BM	29.5	4	1	0	0	0	0	3
	BF	30.8	4	0	0	1	0	0	3
	OM	124.4	1	0	0	0	0	0	1
	OF	0	0	0	0	0	0	0	0
Certain intestinal infectious diseases (A00-A08)	ALL	3.1	2	0	0	0	0	0	2
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	124.4	1	0	0	0	0	0	1
	OF	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	ALL	13.9	9	2	0	0	0	0	7
	WM	10.6	2	0	0	0	0	0	2
	WF	16.7	3	1	0	0	0	0	2
	BM	14.8	2	1	0	0	0	0	1
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Viral diseases (A80-B34)	ALL	7.7	5	0	0	1	0	0	4
	WM	10.6	2	0	0	0	0	0	2
	WF	5.6	1	0	0	0	0	0	1
	BM	0	0	0	0	0	0	0	0
	BF	15.4	2	0	0	1	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004

Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Other and unspecified infectious and parasitic diseases and their sequelae (A20- A32, A38, A42-A49, A51-A53, A55-A79, B35-B36, B38-B49, B55-B58, B60-B99)	ALL	3.1	2	0	0	0	0	0	2
	WM	5.3	1	0	0	0	0	0	1
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Neoplasms (C00-D48)	ALL	6.2	4	1	1	0	0	0	2
	WM	21.2	4	1	1	0	0	0	2
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Malignant neoplasms (C00-C97)	ALL	3.1	2	1	0	0	0	0	1
	WM	10.6	2	1	0	0	0	0	1
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other and unspecified malignant neoplasms (C00-C80, C88, C90, C96-C97)	ALL	3.1	2	1	0	0	0	0	1
	WM	10.6	2	1	0	0	0	0	1
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	ALL	3.1	2	0	1	0	0	0	1
	WM	10.6	2	0	1	0	0	0	1
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	ALL	3.1	2	0	0	0	0	0	2
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	0	0	0	0	1
	OM	124.4	1	0	0	0	0	0	1
	OF	0	0	0	0	0	0	0	0
Anemias (D50-D64)	ALL	0	0	0	0	0	0	0	0
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Hemorrhagic conditions and other diseases of blood and blood-forming organs (D65-D76)	ALL	1.5	1	0	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004

Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Certain disorders involving the immune mechanism (D80-D89)	ALL	1.5	1	0	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	124.4	1	0	0	0	0	0	1
	OF	0	0	0	0	0	0	0	0
Endocrine, nutritional and metabolic diseases (E00-E88)	ALL	9.2	6	0	3	0	0	0	3
	WM	5.3	1	0	1	0	0	0	0
	WF	5.6	1	0	1	0	0	0	0
	BM	14.8	2	0	1	0	0	0	1
	BF	7.7	1	0	0	0	0	0	1
	OM	124.4	1	0	0	0	0	0	1
	OF	0	0	0	0	0	0	0	0
Nutritional deficiencies (E40-E64)	ALL	1.5	1	0	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	124.4	1	0	0	0	0	0	1
	OF	0	0	0	0	0	0	0	0
Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87)	ALL	3.1	2	0	2	0	0	0	0
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	1	0	0	0	0
	BM	7.4	1	0	1	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
All other endocrine, nutritional and metabolic diseases (E00-E32,E34.0-E34.2,E34.4-E34.9,E65-E83,E85,E88)	ALL	4.6	3	0	1	0	0	0	2
	WM	5.3	1	0	1	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Diseases of the nervous system (G00-G98)	ALL	9.2	6	1	0	0	0	0	5
	WM	5.3	1	0	0	0	0	0	1
	WF	5.6	1	0	0	0	0	0	1
	BM	14.8	2	0	0	0	0	0	2
	BF	15.4	2	1	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Meningitis (G00,G03)	ALL	3.1	2	1	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	15.4	2	1	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Anoxic brain damage, not elsewhere classified (G93.1)	ALL	1.5	1	0	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Other diseases of nervous system (G04,G06-G11,G12.1-G12.9,G20-G72,G81-G92,G93.0,G93.2-G93.9,G95-G98)	ALL	4.6	3	0	0	0	0	0	3
	WM	5.3	1	0	0	0	0	0	1
	WF	5.6	1	0	0	0	0	0	1
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Diseases of the circulatory system (I00-I99)	ALL	18.5	12	1	1	0	1	1	8
	WM	0	0	0	0	0	0	0	0
	WF	33.3	6	1	1	0	1	0	3
	BM	29.5	4	0	0	0	0	1	3
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	ALL	1.5	1	0	0	0	1	0	0
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	1	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Cardiomyopathy (I42)	ALL	6.2	4	1	1	0	0	1	1
	WM	0	0	0	0	0	0	0	0
	WF	11.1	2	1	1	0	0	0	0
	BM	7.4	1	0	0	0	0	1	0
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Cardiac arrest (I46)	ALL	3.1	2	0	0	0	0	0	2
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	0	0	1
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Cerebrovascular diseases (I60-I69)	ALL	4.6	3	0	0	0	0	0	3
	WM	0	0	0	0	0	0	0	0
	WF	11.1	2	0	0	0	0	0	2
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
All other diseases of circulatory system (I00-I25,I31,I34-I38,I44-I45,I47-I51,I70-I99)	ALL	3.1	2	0	0	0	0	0	2
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	14.8	2	0	0	0	0	0	2
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Diseases of the respiratory system (J00-J98)	ALL	29.3	19	0	0	0	0	1	18
	WM	31.8	6	0	0	0	0	0	6
	WF	11.1	2	0	0	0	0	1	1
	BM	59	8	0	0	0	0	0	8
	BF	23.1	3	0	0	0	0	0	3
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004									
Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Influenza and pneumonia (J10-J18)	ALL	13.9	9	0	0	0	0	0	9
	WM	21.2	4	0	0	0	0	0	4
	WF	0	0	0	0	0	0	0	0
	BM	29.5	4	0	0	0	0	0	4
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Pneumonia (J12-J18)	ALL	13.9	9	0	0	0	0	0	9
	WM	21.2	4	0	0	0	0	0	4
	WF	0	0	0	0	0	0	0	0
	BM	29.5	4	0	0	0	0	0	4
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Acute bronchitis and acute bronchiolitis (J20-J21)	ALL	1.5	1	0	0	0	0	1	0
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	0	1	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Bronchitis, chronic and unspecified (J40-J42)	ALL	3.1	2	0	0	0	0	0	2
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	14.8	2	0	0	0	0	0	2
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other and unspecified diseases of respiratory system (J22,J30-J39,J43-J44,J47-J68,J70-J98)	ALL	10.8	7	0	0	0	0	0	7
	WM	10.6	2	0	0	0	0	0	2
	WF	5.6	1	0	0	0	0	0	1
	BM	14.8	2	0	0	0	0	0	2
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Diseases of the digestive system (K00-K92)	ALL	32.3	21	2	0	1	1	1	16
	WM	26.5	5	0	0	1	0	1	3
	WF	16.7	3	1	0	0	0	0	2
	BM	51.7	7	1	0	0	0	0	6
	BF	46.3	6	0	0	0	1	0	5
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50-K55)	ALL	16.9	11	0	0	0	0	0	11
	WM	10.6	2	0	0	0	0	0	2
	WF	5.6	1	0	0	0	0	0	1
	BM	44.3	6	0	0	0	0	0	6
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46,K56)	ALL	9.2	6	2	0	1	0	0	3
	WM	10.6	2	0	0	1	0	0	1
	WF	5.6	1	1	0	0	0	0	0
	BM	7.4	1	1	0	0	0	0	0
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004									
Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
All other and unspecified diseases of digestive system (K00-K28,K30-K38,K57-K92)	ALL	6.2	4	0	0	0	1	1	2
	WM	5.3	1	0	0	0	0	1	0
	WF	5.6	1	0	0	0	0	0	1
	BM	0	0	0	0	0	0	0	0
	BF	15.4	2	0	0	0	1	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Diseases of the genitourinary system (N00-N98)	ALL	12.3	8	0	3	1	0	0	4
	WM	5.3	1	0	1	0	0	0	0
	WF	5.6	1	0	0	1	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	38.6	5	0	2	0	0	0	3
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Renal failure and other disorders of kidney (N17-N19,N25,N27)	ALL	10.8	7	0	3	1	0	0	3
	WM	5.3	1	0	1	0	0	0	0
	WF	5.6	1	0	0	1	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	30.8	4	0	2	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other and unspecified diseases of genitourinary system (N00-N15,N20-N23,N26,N28-N98)	ALL	1.5	1	0	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	ALL	468.00	304	178	49	30	15	9	23
	WM	275.9	52	34	6	2	2	3	5
	WF	266.6	48	23	7	5	5	2	6
	BM	774.8	105	64	12	14	6	3	6
	BF	747.9	97	57	22	9	2	1	6
	OM	124.4	1	0	1	0	0	0	0
	OF	128.0	1	0	1	0	0	0	0
Newborn affected by maternal factors and by complications of pregnancy, labor and delivery (P00-P04)	ALL	70.8	46	33	7	2	0	1	3
	WM	37.1	7	5	1	0	0	0	1
	WF	27.8	5	4	0	0	0	1	0
	BM	118.1	16	10	4	1	0	0	1
	BF	138.8	18	14	2	1	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Newborn affected by maternal complications of pregnancy (P01)	ALL	44.6	29	20	6	1	0	1	1
	WM	15.9	3	1	1	0	0	0	1
	WF	16.7	3	2	0	0	0	1	0
	BM	73.8	10	7	3	0	0	0	0
	BF	100.2	13	10	2	1	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Newborn affected by incompetent cervix (P01.0)	ALL	4.6	3	2	1	0	0	0	0
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	22.1	3	2	1	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Newborn affected by premature rupture of membranes (P01.1)	ALL	26.2	17	11	5	1	0	0	0
	WM	10.6	2	1	1	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	36.9	5	3	2	0	0	0	0
	BF	77.1	10	7	2	1	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Newborn affected by multiple pregnancy (P01.5)	ALL	3.1	2	2	0	0	0	0	0
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	1	0	0	0	0	0
	BF	7.7	1	1	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Newborn affected by other maternal complications of pregnancy (P01.2-P01.4,P01.6-P01.9)	ALL	10.8	7	5	0	0	0	1	1
	WM	5.3	1	0	0	0	0	0	1
	WF	16.7	3	2	0	0	0	1	0
	BM	7.4	1	1	0	0	0	0	0
	BF	15.4	2	2	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Newborn affected by complications of placenta, cord and membranes (P02)	ALL	23.1	15	13	0	1	0	0	1
	WM	21.2	4	4	0	0	0	0	0
	WF	11.1	2	2	0	0	0	0	0
	BM	29.5	4	3	0	1	0	0	0
	BF	38.6	5	4	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Newborn affected by complications involving placenta (P02.0-P02.3)	ALL	10.8	7	6	0	0	0	0	1
	WM	10.6	2	2	0	0	0	0	0
	WF	5.6	1	1	0	0	0	0	0
	BM	14.8	2	2	0	0	0	0	0
	BF	15.4	2	1	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Newborn affected by chorioamnionitis (P02.7)	ALL	12.3	8	7	0	1	0	0	0
	WM	10.6	2	2	0	0	0	0	0
	WF	5.6	1	1	0	0	0	0	0
	BM	14.8	2	1	0	1	0	0	0
	BF	23.1	3	3	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	ALL	3.1	2	0	1	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	14.8	2	0	1	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Disorders related to length of gestation and fetal malnutrition (P05-P08)	ALL	206.3	134	100	17	9	2	0	6
	WM	111.4	21	18	1	0	0	0	2
	WF	116.7	21	14	3	1	1	0	2
	BM	339.4	46	39	2	3	1	0	1
	BF	354.7	46	29	11	5	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004

Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Slow fetal growth and fetal malnutrition (P05)	ALL	1.5	1	0	0	1	0	0	0
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	0	1	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	ALL	204.8	133	100	17	8	2	0	6
	WM	111.4	21	18	1	0	0	0	2
	WF	116.7	21	14	3	1	1	0	2
	BM	339.4	46	39	2	3	1	0	1
	BF	347	45	29	11	4	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Extremely low birth weight or extreme immaturity (P07.0,P07.2)	ALL	184.7	120	90	17	6	2	0	5
	WM	90.2	17	14	1	0	0	0	2
	WF	105.5	19	12	3	1	1	0	2
	BM	324.7	44	38	2	3	1	0	0
	BF	308.4	40	26	11	2	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other low birth weight or preterm (P07.1,P07.3)	ALL	20	13	10	0	2	0	0	1
	WM	21.2	4	4	0	0	0	0	0
	WF	11.1	2	2	0	0	0	0	0
	BM	14.8	2	1	0	0	0	0	1
	BF	38.6	5	3	0	2	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Intrauterine hypoxia and birth asphyxia (P20-P21)	ALL	15.4	10	3	4	2	0	0	1
	WM	15.9	3	2	1	0	0	0	0
	WF	16.7	3	1	0	1	0	0	1
	BM	14.8	2	0	1	1	0	0	0
	BF	7.7	1	0	1	0	0	0	0
	OM	124.4	1	0	1	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Intrauterine hypoxia (P20)	ALL	3.1	2	2	0	0	0	0	0
	WM	10.6	2	2	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Birth asphyxia (P21)	ALL	12.3	8	1	4	2	0	0	1
	WM	5.3	1	0	1	0	0	0	0
	WF	16.7	3	1	0	1	0	0	1
	BM	14.8	2	0	1	1	0	0	0
	BF	7.7	1	0	1	0	0	0	0
	OM	124.4	1	0	1	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Respiratory distress of newborn (P22)	ALL	36.9	24	9	6	4	1	1	3
	WM	15.9	3	1	1	0	0	1	0
	WF	11.1	2	0	0	0	1	0	1
	BM	88.5	12	5	3	3	0	0	1
	BF	54	7	3	2	1	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004

Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Other respiratory conditions originating in the perinatal period (P23-P28)	ALL	49.3	32	12	7	2	3	0	8
	WM	47.8	9	4	2	0	1	0	2
	WF	27.8	5	2	1	0	1	0	1
	BM	51.7	7	1	1	2	1	0	2
	BF	84.8	11	5	3	0	0	0	3
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Congenital pneumonia (P23)	ALL	3.1	2	0	0	1	1	0	0
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	1	0	0
	BM	7.4	1	0	0	1	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Neonatal aspiration syndromes (P24)	ALL	1.5	1	1	0	0	0	0	0
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	1	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Interstitial emphysema and related conditions originating in the perinatal period (P25)	ALL	10.8	7	1	5	0	1	0	0
	WM	10.6	2	0	1	0	1	0	0
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	1	0	0	0	0
	BF	30.8	4	1	3	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Pulmonary hemorrhage originating in the perinatal period (P26)	ALL	1.5	1	1	0	0	0	0	0
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	1	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Chronic respiratory disease originating in the perinatal period (P27)	ALL	12.3	8	1	0	0	0	0	7
	WM	15.9	3	1	0	0	0	0	2
	WF	5.6	1	0	0	0	0	0	1
	BM	14.8	2	0	0	0	0	0	2
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Atelectasis (P28.0-P28.1)	ALL	16.9	11	8	1	1	1	0	0
	WM	15.9	3	3	0	0	0	0	0
	WF	11.1	2	1	1	0	0	0	0
	BM	14.8	2	0	0	1	1	0	0
	BF	30.8	4	4	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
All other respiratory conditions originating in the perinatal period (P28.2-P28.9)	ALL	3.1	2	0	1	0	0	0	1
	WM	5.3	1	0	1	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004									
Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Infections specific to the perinatal period (P35-P39)	ALL	26.2	17	4	2	3	4	4	0
	WM	15.9	3	1	0	0	1	1	0
	WF	27.8	5	1	1	1	1	1	0
	BM	44.3	6	2	0	2	1	1	0
	BF	23.1	3	0	1	0	1	1	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Bacterial sepsis of newborn (P36)	ALL	21.6	14	3	2	3	3	3	0
	WM	15.9	3	1	0	0	1	1	0
	WF	27.8	5	1	1	1	1	1	0
	BM	29.5	4	1	0	2	1	0	0
	BF	15.4	2	0	1	0	0	1	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
All other infections specific to the perinatal period (P35,P37,P39)	ALL	4.6	3	1	0	0	1	1	0
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	14.8	2	1	0	0	0	1	0
	BF	7.7	1	0	0	0	1	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Neonatal hemorrhage (P50-P52,P54)	ALL	18.5	12	4	2	3	2	0	1
	WM	10.6	2	1	0	1	0	0	0
	WF	22.2	4	0	1	1	1	0	1
	BM	29.5	4	3	0	0	1	0	0
	BF	15.4	2	0	1	1	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Necrotizing enterocolitis of newborn (P77)	ALL	12.3	8	0	0	2	3	2	1
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	1	0	0	0
	BM	44.3	6	0	0	1	2	2	1
	BF	7.7	1	0	0	0	1	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Hydrops fetalis not due to hemolytic disease (P83.2)	ALL	4.6	3	2	1	0	0	0	0
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	1	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	1	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	128	1	0	1	0	0	0	0
Other perinatal conditions (P29,P70.3-P70.9,P71-P76,P78-P81,P83.0-P83.1,P83.3-P83.9,P90-P96)	ALL	27.7	18	11	3	3	0	1	0
	WM	21.2	4	2	0	1	0	1	0
	WF	5.6	1	0	1	0	0	0	0
	BM	44.3	6	4	1	1	0	0	0
	BF	54	7	5	1	1	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	ALL	192.4	125	36	23	10	13	2	41
	WM	233.5	44	17	8	2	1	0	16
	WF	144.4	26	5	6	1	3	0	11
	BM	228.7	31	7	5	6	5	1	7
	BF	177.3	23	6	4	1	4	1	7
	OM	124.4	1	1	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004									
Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Anencephaly and similar malformations (Q00)	ALL	6.2	4	3	0	1	0	0	0
	WM	5.3	1	1	0	0	0	0	0
	WF	5.6	1	1	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	15.4	2	1	0	1	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Congenital hydrocephalus (Q03)	ALL	3.1	2	1	1	0	0	0	0
	WM	5.3	1	1	0	0	0	0	0
	WF	5.6	1	0	1	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other congenital malformations of nervous system (Q01-Q02,Q04,Q06-Q07)	ALL	6.2	4	1	0	0	0	0	3
	WM	15.9	3	1	0	0	0	0	2
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Congenital malformations of heart (Q20-Q24)	ALL	66.2	43	3	4	4	7	1	24
	WM	90.2	17	1	2	2	1	0	11
	WF	38.9	7	0	1	0	0	0	6
	BM	73.8	10	1	0	2	3	1	3
	BF	69.4	9	1	1	0	3	0	4
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other congenital malformations of circulatory system (Q25-Q28)	ALL	12.3	8	0	5	2	0	0	1
	WM	15.9	3	0	3	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	22.1	3	0	1	2	0	0	0
	BF	15.4	2	0	1	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Congenital malformations of respiratory system (Q30-Q34)	ALL	10.8	7	2	1	1	1	0	2
	WM	10.6	2	1	0	0	0	0	1
	WF	11.1	2	0	0	0	1	0	1
	BM	22.1	3	1	1	1	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Congenital malformations of digestive system (Q35-Q45)	ALL	4.6	3	0	1	0	0	0	2
	WM	5.3	1	0	0	0	0	0	1
	WF	0	0	0	0	0	0	0	0
	BM	14.8	2	0	1	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Congenital malformations of genitourinary system (Q50-Q64)	ALL	20	13	12	1	0	0	0	0
	WM	37.1	7	6	1	0	0	0	0
	WF	5.6	1	1	0	0	0	0	0
	BM	14.8	2	2	0	0	0	0	0
	BF	23.1	3	3	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004									
Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Congenital malformations and deformations of musculoskeletal system, limbs and integument (Q65-Q85)	ALL	16.9	11	3	4	0	0	1	3
	WM	15.9	3	2	0	0	0	0	1
	WF	16.7	3	0	2	0	0	0	1
	BM	22.1	3	1	1	0	0	0	1
	BF	15.4	2	0	1	0	0	1	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Down's syndrome (Q90)	ALL	1.5	1	0	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Edward's syndrome (Q91.0-Q91.3)	ALL	9.2	6	2	0	0	2	0	2
	WM	0	0	0	0	0	0	0	0
	WF	11.1	2	1	0	0	0	0	1
	BM	7.4	1	0	0	0	1	0	0
	BF	15.4	2	0	0	0	1	0	1
	OM	124.4	1	1	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Patau's syndrome (Q91.4-Q91.7)	ALL	7.7	5	1	2	1	0	0	1
	WM	5.3	1	1	0	0	0	0	0
	WF	16.7	3	0	1	1	0	0	1
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	1	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other congenital malformations and deformations (Q10-Q18,Q86-Q89)	ALL	23.1	15	7	3	1	2	0	2
	WM	15.9	3	2	1	0	0	0	0
	WF	33.3	6	2	1	0	2	0	1
	BM	36.9	5	2	1	1	0	0	1
	BF	7.7	1	1	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other chromosomal abnormalities, not elsewhere classified (Q92-Q99)	ALL	4.6	3	1	1	0	1	0	0
	WM	10.6	2	1	1	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	0	0	1	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	ALL	157	102	7	4	0	4	2	85
	WM	159.2	30	0	3	0	1	2	24
	WF	111.1	20	0	1	0	1	0	18
	BM	199.2	27	4	0	0	1	0	22
	BF	192.8	25	3	0	0	1	0	21
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Sudden infant death syndrome (R95)	ALL	101.6	66	0	0	0	1	2	63
	WM	100.8	19	0	0	0	0	2	17
	WF	100	18	0	0	0	1	0	17
	BM	103.3	14	0	0	0	0	0	14
	BF	115.7	15	0	0	0	0	0	15
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004

Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R53,R55-R94,R96-R99)	ALL	55.4	36	7	4	0	3	0	22
	WM	58.4	11	0	3	0	1	0	7
	WF	11.1	2	0	1	0	0	0	1
	BM	95.9	13	4	0	0	1	0	8
	BF	77.1	10	3	0	0	1	0	6
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
All other diseases (Residual) (F01-F99,H00-H57,L00-M99)	ALL	3.1	2	0	0	0	0	0	2
	WM	5.3	1	0	0	0	0	0	1
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
External causes of mortality (V01-Y89)	ALL	75.4	49	0	0	1	1	1	46
	WM	37.1	7	0	0	0	0	0	7
	WF	72.2	13	0	0	1	0	0	12
	BM	88.5	12	0	0	0	1	0	11
	BF	131.1	17	0	0	0	0	1	16
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Accidents (V01-X59,Y85-Y86)	ALL	60	39	0	0	1	1	1	36
	WM	37.1	7	0	0	0	0	0	7
	WF	50	9	0	0	1	0	0	8
	BM	73.8	10	0	0	0	1	0	9
	BF	100.2	13	0	0	0	0	1	12
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Transport accidents (V01-V99,Y85)	ALL	6.2	4	0	0	0	0	0	4
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	0	0	1
	BM	7.4	1	0	0	0	0	0	1
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Motor vehicle accidents (V02- V04,V 09.0, 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)	ALL	6.2	4	0	0	0	0	0	4
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	0	0	1
	BM	7.4	1	0	0	0	0	0	1
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Accidental suffocation and strangulation in bed (W75)	ALL	33.9	22	0	0	1	1	1	19
	WM	26.5	5	0	0	0	0	0	5
	WF	27.8	5	0	0	1	0	0	4
	BM	29.5	4	0	0	0	1	0	3
	BF	61.7	8	0	0	0	0	1	7
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other accidental suffocation and strangulation (W76-W77,W81-W84)	ALL	9.2	6	0	0	0	0	0	6
	WM	5.3	1	0	0	0	0	0	1
	WF	5.6	1	0	0	0	0	0	1
	BM	22.1	3	0	0	0	0	0	3
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0

Table 6.9: Infant Deaths (Exclusive Of Fetal Deaths) by Selected Causes ICD-10 Codes, Race-Gender and Age, Louisiana, 2004									
Cause of Death	Race/ Sex	Rate	Total	AGE AT DEATH IN DAYS					
				LT 1	1-6	7-13	14-20	21-27	28-364
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract (W78-W80)	ALL	4.6	3	0	0	0	0	0	3
	WM	5.3	1	0	0	0	0	0	1
	WF	5.6	1	0	0	0	0	0	1
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Accidents caused by exposure to smoke, fire and flames (X00-X09)	ALL	3.1	2	0	0	0	0	0	2
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	0	0	0	0	0	0	0	0
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Accidental poisoning and exposure to noxious substances (X40-X49)	ALL	1.5	1	0	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	0	0	1
	BM	0	0	0	0	0	0	0	0
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other and unspecified accidents and their sequelae (W20-W31,W35-W64,W85-W99,X10-X39,X50-X59,Y86)	ALL	1.5	1	0	0	0	0	0	1
	WM	0	0	0	0	0	0	0	0
	WF	0	0	0	0	0	0	0	0
	BM	7.4	1	0	0	0	0	0	1
	BF	0	0	0	0	0	0	0	0
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Assault (homicide) (X85-Y09,Y87.1)	ALL	10.8	7	0	0	0	0	0	7
	WM	0	0	0	0	0	0	0	0
	WF	16.7	3	0	0	0	0	0	3
	BM	14.8	2	0	0	0	0	0	2
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Neglect, abandonment and other maltreatment syndromes (Y06-Y07)	ALL	7.7	5	0	0	0	0	0	5
	WM	0	0	0	0	0	0	0	0
	WF	11.1	2	0	0	0	0	0	2
	BM	14.8	2	0	0	0	0	0	2
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Assault (homicide) by other and unspecified means and their sequelae (X85-X90,X92,X96-X99,Y00-Y05,Y08-Y09,Y87.1)	ALL	3.1	2	0	0	0	0	0	2
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	0	0	1
	BM	0	0	0	0	0	0	0	0
	BF	7.7	1	0	0	0	0	0	1
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0
Other external causes and their sequelae (X60-X84,Y10-Y36,Y87.0,Y87.2,Y89)	ALL	4.6	3	0	0	0	0	0	3
	WM	0	0	0	0	0	0	0	0
	WF	5.6	1	0	0	0	0	0	1
	BM	0	0	0	0	0	0	0	0
	BF	15.4	2	0	0	0	0	0	2
	OM	0	0	0	0	0	0	0	0
	OF	0	0	0	0	0	0	0	0