

*Protecting and Improving the Health of Iowans*

# 2016

# VITAL STATISTICS

# OF IOWA

*Iowa Department of Public Health  
Bureau of Health Statistics*



Kim Reynolds, Governor

Gerd W. Clabaugh, MPA, Director

Adam Gregg, Lt. Governor



## CONTACTS

### MELISSA BIRD

Bureau Chief  
Bureau of Health Statistics, Vital Records  
(515) 281-6762  
[Melissa.Bird@idph.iowa.gov](mailto:Melissa.Bird@idph.iowa.gov)

### JOSH JUNGLING

Management Analyst  
Bureau of Health Statistics, Vital Records  
(515) 281-4945  
[Josh.Jungling@idph.iowa.gov](mailto:Josh.Jungling@idph.iowa.gov)

**Lucas State Office Building  
321 East 12th Street  
Des Moines, Iowa 50319-0075**

## ACKNOWLEDGEMENTS

This publication was made possible by the professional contributions of the following IDPH staff:

|               |              |
|---------------|--------------|
| Melissa Bird  | Sandra Lyles |
| Jennie Evans  | Debbie Kane  |
| Josh Jungling | Ellen Warner |



## ADDITIONAL RESOURCES

The *Iowa Health Fact Book* is a joint publication of the Iowa Department of Public Health (IDPH) and the College of Public Health at the University of Iowa. Links to this document can be found online at [www.public-health.uiowa.edu/factbook/](http://www.public-health.uiowa.edu/factbook/).

The State Data Center of Iowa is your source for population, housing, business and government statistics about Iowa, including data from the U.S. Census Bureau, Iowa state agencies, and other state and federal sources. Iowa Department of Public Health, Bureau of Health Statistics is an affiliate agency that can assist in providing local access to census data across Iowa. This can also be accessed through the IDPH website or by going to [www.iowadatacenter.org](http://www.iowadatacenter.org).

# TABLE OF CONTENTS

|                                                                                                 |                                                                                                                                                         |               |    |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----|
| Technical Notes .....                                                                           |                                                                                                                                                         | i             |    |
| Formulas.....                                                                                   |                                                                                                                                                         | iii           |    |
| Iowa Summary Highlights .....                                                                   |                                                                                                                                                         | vi            |    |
| Selected Records and Trivia.....                                                                |                                                                                                                                                         | vii           |    |
| <b>CHART #</b>                                                                                  | <b>CHARTS</b>                                                                                                                                           | <b>PAGE #</b> |    |
| 1-4 Selected Vital Event Rates.....                                                             | 2006-2016                                                                                                                                               | 1             |    |
| 5 In-Wedlock Live Births by Age of Mother.....                                                  | 2012-2016                                                                                                                                               | 3             |    |
| 6 Out-of-Wedlock Live Births by Age of Mother .....                                             | 2012-2016                                                                                                                                               | 3             |    |
| 7 Live Births to Teenage Mothers as Percents of Total Live Births .....                         | 2012-2016                                                                                                                                               | 4             |    |
| 8 Mothers Under Age 20 by Race .....                                                            | 2016                                                                                                                                                    | 4             |    |
| 9 Out-of-Wedlock Live Births by Race .....                                                      | 2016                                                                                                                                                    | 5             |    |
| 10 Low Birth Weight Live Births as Percent of Total Live Births Within Age Group of Mother..... | 2014-2016                                                                                                                                               | 5             |    |
| 11 Low Birth Weight Live Births by Race as Percents of Total Live Births.....                   | 2016                                                                                                                                                    | 6             |    |
| 12 Number of Live Births by Marital Status.....                                                 | 2006-2016                                                                                                                                               | 6             |    |
| 13 Rates for Selected Causes of Death .....                                                     | 2006-2016                                                                                                                                               | 7             |    |
| 14 Ten Leading Causes of Death as Percents of All Deaths by Gender .....                        | 2016                                                                                                                                                    | 7             |    |
| 15 Leading Causes of Death by Age Group.....                                                    | 2016                                                                                                                                                    | 8             |    |
| 16 Heart Disease Deaths by Age and Gender, Percent Distribution.....                            | 2016                                                                                                                                                    | 11            |    |
| 17 Cerebrovascular Disease Deaths by Age and Gender, Percent Distribution.....                  | 2016                                                                                                                                                    | 11            |    |
| 18 Malignant Neoplasm Disease Deaths by Age and Gender, Percent Distribution.....               | 2016                                                                                                                                                    | 12            |    |
| 19 Teenage and Total Suicide Deaths .....                                                       | 2006-2016                                                                                                                                               | 12            |    |
| 20 Firearm Deaths by Type.....                                                                  | 2006-2016                                                                                                                                               | 13            |    |
| 21 Unintentional Drowning Deaths.....                                                           | 2006-2016                                                                                                                                               | 13            |    |
| 22 Homicide Deaths .....                                                                        | 2006-2016                                                                                                                                               | 14            |    |
| 23 Unintentional Poisoning Deaths .....                                                         | 2006-2016                                                                                                                                               | 14            |    |
| 24 Average Age at Marriage .....                                                                | 2006-2016                                                                                                                                               | 15            |    |
| 25 Average Age at Dissolution of Marriage .....                                                 | 2006-2016                                                                                                                                               | 15            |    |
| 26 Dissolutions With Selected Durations of Marriage .....                                       | 2012-2016                                                                                                                                               | 16            |    |
| 27 Number of Dissolutions with Children Under 18 Years of Age Involved.....                     | 2012-2016                                                                                                                                               | 16            |    |
| <b>COUNTY MAPS</b>                                                                              |                                                                                                                                                         |               |    |
| 28 Live Birth Rate .....                                                                        | 2016                                                                                                                                                    | 17            |    |
| 29 Live Birth Rate for Mothers Under Age 20 .....                                               | 2016                                                                                                                                                    | 17            |    |
| 30 Out-of-Wedlock Live Birth Rate.....                                                          | 2016                                                                                                                                                    | 18            |    |
| 31 Death Rate.....                                                                              | 2016                                                                                                                                                    | 18            |    |
| 32 Infant Death Rate.....                                                                       | 2016                                                                                                                                                    | 19            |    |
| 33 Unintentional Injury Death Rate.....                                                         | 2016                                                                                                                                                    | 19            |    |
| 34 Marriage Rate .....                                                                          | 2016                                                                                                                                                    | 20            |    |
| 35 Same-Gender Marriage Rate.....                                                               | 2016                                                                                                                                                    | 20            |    |
| 36 Dissolution Rate.....                                                                        | 2016                                                                                                                                                    | 21            |    |
| 37 Total Population .....                                                                       | 2016                                                                                                                                                    | 21            |    |
| 38 Marriage Count by Both Party's Resident State.....                                           | 2016                                                                                                                                                    | 22            |    |
| 39 ITOP Reporting Regions.....                                                                  | 2016                                                                                                                                                    | 22            |    |
| 40 Induced Termination Rate.....                                                                | 2016                                                                                                                                                    | 23            |    |
| 41 Spontaneous Termination Rate .....                                                           | 2016                                                                                                                                                    | 23            |    |
| <b>TABLES</b>                                                                                   |                                                                                                                                                         |               |    |
| <b>TABLE #</b>                                                                                  | <b>SUMMARY DATA</b>                                                                                                                                     | <b>PAGE #</b> |    |
| 1                                                                                               | Summary of Vital Statistics by Event by Month .....                                                                                                     | 2016          | 27 |
| 2                                                                                               | Population, Live Births (Total and Out-of-Wedlock), Deaths (Total, Infant, Neonatal, Fetal, and Maternal),<br>Marriages and Dissolutions, by Year ..... | 1915-2016     | 28 |
| 3                                                                                               | Rates: Live Births (Total and Out-of-Wedlock), Death (Total, Infant, Neonatal, Fetal and Maternal),<br>Marriage and Dissolution.....                    | 1915-2016     | 30 |
| 4                                                                                               | Summary of Selected Vital Events for the State of Iowa.....                                                                                             | 2016          | 32 |
| 4 A                                                                                             | Summary of Selected Vital Events for the State of Iowa, White.....                                                                                      | 2016          | 33 |
| 4 B                                                                                             | Summary of Selected Vital Events for the State of Iowa, African American .....                                                                          | 2016          | 34 |
| 4 C                                                                                             | Summary of Selected Vital Events for the State of Iowa, Asian/Pacific Islander .....                                                                    | 2016          | 35 |
| 4 D                                                                                             | Summary of Selected Vital Events for the State of Iowa, Other.....                                                                                      | 2016          | 36 |
| 4 E                                                                                             | Summary of Selected Vital Events for the State of Iowa, Hispanic.....                                                                                   | 2016          | 37 |
| 5                                                                                               | Summary of Selected Vital Events by County .....                                                                                                        | 2016          | 38 |
| 6                                                                                               | Summary of Selected Vital Events by City .....                                                                                                          | 2016          | 56 |
| <b>NATALITY DATA</b>                                                                            |                                                                                                                                                         |               |    |
| 7                                                                                               | Live Births by Gender, Birth Order, and Plural Births, by Age and Race of Mother .....                                                                  | 2016          | 64 |
| 8                                                                                               | Live Births by Weight, by Race and Age of Mother.....                                                                                                   | 2016          | 65 |
| 9                                                                                               | Live Births, by Age and Race of Mother.....                                                                                                             | 2016          | 66 |
| 9 A                                                                                             | In-Wedlock and Out-of-Wedlock Live Births, by Age and Race of Mother.....                                                                               | 2016          | 67 |
| 10                                                                                              | In-Wedlock Live Births by Year by Age of Mother.....                                                                                                    | 1950-2016     | 68 |
| 11                                                                                              | Out-of-Wedlock Live Births by Year by Age of Mother .....                                                                                               | 1950-2016     | 69 |
| 12                                                                                              | Immature Live Births, as Percents of Total Live Births, Within Each Age Group of Mother, by Year .....                                                  | 2011-2016     | 70 |
| <b>MORTALITY DATA</b>                                                                           |                                                                                                                                                         |               |    |
| 13                                                                                              | Selected Cardiovascular Disease Deaths as Percents of Total Deaths, by Year.....                                                                        | 2005-2016     | 71 |
| 14                                                                                              | Selected Causes of Death by Year .....                                                                                                                  | 2005-2016     | 71 |

|      |                                                                               |           |    |
|------|-------------------------------------------------------------------------------|-----------|----|
| 15   | Deaths by Race and Age.....                                                   | 2016      | 72 |
| 15 A | Deaths by Race and Age, by Gender .....                                       | 2016      | 72 |
| 16   | Leading Causes of Death by Selected Age Groups.....                           | 2016      | 73 |
| 16 A | Leading Causes of White Deaths by Selected Age Groups .....                   | 2016      | 74 |
| 16 B | Leading Causes of African American Deaths by Selected Age Groups.....         | 2016      | 75 |
| 16 C | Leading Causes of Asian/Pacific Islander Deaths by Selected Age Groups.....   | 2016      | 76 |
| 16 D | Leading Causes of Other Deaths by Selected Age Groups .....                   | 2016      | 77 |
| 16 E | Leading Causes of Hispanic Deaths by Selected Age Groups .....                | 2016      | 78 |
| 17   | Leading Causes of Death by Number and Percent of Total Deaths, by Gender..... | 2016      | 79 |
| 18   | Heart Disease Deaths by Race and Age .....                                    | 2016      | 80 |
| 18 A | Heart Disease Deaths by Race and Age, by Gender.....                          | 2016      | 80 |
| 19   | Malignant Neoplasm Deaths by Race and Age.....                                | 2016      | 81 |
| 19 A | Malignant Neoplasm Deaths by Race and Age, by Gender.....                     | 2016      | 81 |
| 20   | Male Malignant Neoplasm Deaths by 10 Leading Sites, by Race, by Year.....     | 2014-2016 | 82 |
| 21   | Female Malignant Neoplasm Deaths by 10 Leading Sites, by Race, by Year.....   | 2014-2016 | 82 |
| 22   | Chronic Lower Respiratory Disease Deaths by Race and Age .....                | 2016      | 83 |
| 22 A | Chronic Lower Respiratory Disease Deaths by Race and Age, by Gender .....     | 2016      | 83 |
| 23   | Cerebrovascular Disease Deaths by Race and Age.....                           | 2016      | 84 |
| 23 A | Cerebrovascular Disease Deaths by Race and Age, by Gender .....               | 2016      | 84 |
| 24   | Suicide Deaths by Race and Age .....                                          | 2016      | 85 |
| 24 A | Suicide Deaths by Race and Age, by Gender .....                               | 2016      | 85 |
| 25   | Teenage Suicide Deaths as a Percent of Total Suicide Deaths, by Year .....    | 1990-2016 | 86 |
| 26   | Unintentional Injury Deaths by Type of Injury by Age.....                     | 2016      | 87 |
| 27   | Total Fetal Deaths, by Age and Race of Mother.....                            | 2016      | 88 |
| 27 A | In-Wedlock and Out-of-Wedlock Fetal Deaths, by Age and Race of Mother.....    | 2016      | 89 |
| 28   | Fetal Death by Cause .....                                                    | 2016      | 90 |
| 28 A | Fetal Death by Cause, by Race of Mother .....                                 | 2016      | 91 |
| 29   | Infant Deaths by Cause .....                                                  | 2016      | 92 |
| 29 A | Infant Deaths By Cause, By Race Of Mother .....                               | 2016      | 93 |
| 30   | Infant Deaths by Cause and Gender, by Subdivision of the First Year.....      | 2016      | 94 |
| 31   | Infant Deaths by Year, by Subdivision of the First Year of Life .....         | 1960-2016 | 97 |

#### FAMILY FORMATION AND DISSOLUTION DATA

|      |                                                                                    |           |     |
|------|------------------------------------------------------------------------------------|-----------|-----|
| 32   | Marriages by Age, Percent Distribution, by Year.....                               | 2011-2016 | 98  |
| 33   | Marriages by Age, All Marriages.....                                               | 2016      | 99  |
| 33 A | Marriages by Age, Opposite-Gender (Party A is Male/Party B is Female) .....        | 2016      | 100 |
| 33 B | Marriages by Age, Same-Gender (Male/Male) .....                                    | 2016      | 101 |
| 33 C | Marriages by Age, Same-Gender (Female/Female) .....                                | 2016      | 102 |
| 33 D | Marriages by Age, All Same-Gender Marriages .....                                  | 2016      | 103 |
| 33 E | Marriages by Age, Gender Not Stated .....                                          | 2016      | 104 |
| 34   | Marriage Counts by County and Gender.....                                          | 2016      | 105 |
| 35   | Dissolutions by Age, by Race of Party A.....                                       | 2016      | 106 |
| 35 A | Dissolutions by Age, by Race of Party B.....                                       | 2016      | 107 |
| 36   | Dissolutions by Age of Primary Marriage and Remainder, by Party A and Party B..... | 2016      | 108 |
| 37   | Dissolutions by Age, Percent Distribution, by Year .....                           | 2011-2016 | 109 |
| 38   | Dissolutions by Duration of Marriage, by Race of Party A .....                     | 2016      | 110 |
| 38 A | Dissolutions by Duration of Marriage, by Race of Party B .....                     | 2016      | 111 |
| 39   | Number of Dissolutions Involving Children Under 18 Years, by Race of Party A.....  | 2016      | 112 |
| 39 A | Number of Dissolutions Involving Children Under 18 Years, by Race of Party B.....  | 2016      | 112 |

#### COUNTY DATA

|    |                                                    |      |     |
|----|----------------------------------------------------|------|-----|
| 40 | Live Births & Deaths by County and City .....      | 2016 | 113 |
| 41 | Live Births by County .....                        | 2016 | 119 |
| 42 | Live Births to Mothers Under Age 20 by County..... | 2016 | 120 |
| 43 | Infant Deaths by County .....                      | 2016 | 121 |
| 44 | Deaths by County .....                             | 2016 | 122 |
| 45 | Suicide Deaths by County .....                     | 2016 | 123 |
| 46 | Unintentional Injury Deaths by County .....        | 2016 | 124 |

#### COUNTY TREND DATA

|      |                                                                                     |           |     |
|------|-------------------------------------------------------------------------------------|-----------|-----|
| 47   | Actual Number of Births per County .....                                            | 2004-2016 | 125 |
| 47 A | Birth Rate (per 1,000 Population) .....                                             | 2004-2016 | 126 |
| 48   | Actual Number of Deaths per County .....                                            | 2004-2016 | 127 |
| 48 A | Death Rate (per 1,000 Population) .....                                             | 2004-2016 | 128 |
| 49   | Infant Deaths (Number of Deaths < 1 Year of Age).....                               | 2004-2016 | 129 |
| 49 A | Infant Mortality Rates (Infant Deaths < 1 Year of Age, per 1,000 Live Births) ..... | 2004-2016 | 130 |

#### TERMINATION OF PREGNANCY DATA

|      |                                                                                            |           |     |
|------|--------------------------------------------------------------------------------------------|-----------|-----|
| 50   | Total Births and Pregnancy Terminations by Month of Occurrence .....                       | 2015-2016 | 131 |
| 51   | Gestational Age in Weeks of Fetus by Termination Type.....                                 | 2015-2016 | 131 |
| 52   | Termination of Pregnancy by Marital Status.....                                            | 2015-2016 | 132 |
| 53   | Termination of Pregnancy by Education Level .....                                          | 2015-2016 | 132 |
| 54   | Termination of Pregnancy by Race.....                                                      | 2015-2016 | 132 |
| 55   | Termination of Pregnancy by Age of Women .....                                             | 2015-2016 | 133 |
| 56   | Termination of Pregnancy by ITOP Reporting Region .....                                    | 2015-2016 | 134 |
| 57   | Population, Live Births, Fertility Rate, and Pregnancy Rate by ITOP Reporting Region ..... | 2015-2016 | 135 |
| 57 A | Termination Rates and Termination Ratios by ITOP Reporting Region .....                    | 2015-2016 | 136 |

## TECHNICAL NOTES

### DEFINITIONS:

**ANNULMENT:** A court decree voiding a marriage from the beginning. Annulments are included with divorces for rate calculation purposes and are available only by place of occurrence.

**CAUSE OF DEATH:** Deaths, by cause, are classified according to the International Classification of Diseases, Tenth Revision, adapted for use in the United States. It is the disease or injury that initiated the sequence of morbid events leading directly to death, or the circumstances of the accident or violence, which produced fatal injury. The responsibility for indicating the underlying cause of death is that of the certifying physician or medical examiner.

**CONGENITAL MALFORMATION:** Deformity existing before birth.

**DIVORCE:** A court decree dissolving a marital relationship. Divorces are included with annulments for rate calculation purposes and are available only by place of occurrence.

**FETAL DEATH:** A birth that fails to show any sign of life after delivery. Reportable fetal deaths in Iowa are those greater than 20 weeks gestation. The responsibility of determining if a birth meets this definition is that of the attending physician. Fetal death and stillbirth are synonymous terms.

**INFANT DEATH:** Death of a live-born infant under one year of age, and includes both neonatal and postneonatal deaths.

**LIVE BIRTH:** A birth that shows any sign of life after delivery. The World Health Organization considers a sign of life as being the breathing or showing of any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. The responsibility of determining if a birth meets this definition is that of the attending physician. In this publication, the terms live birth and birth are used synonymously.

**LIVE BIRTH ORDER:** An expression of the numeric relationship of a child to others live-born to that mother.

**LOW BIRTH WEIGHT:** A weight at birth of less than 2,500 grams, or 5 pounds, 9 ounces.

**MARRIAGE:** The legal union of individuals. Marriages are available only by place of occurrence.

**MATERNAL DEATH:** A death due to complications of pregnancy, labor, delivery, or puerperium.

**NEONATAL DEATH:** Death of a live-born infant occurring within the first 27 days of life.

**OCCURRENCE DATA:** Data compiled by the geographical place the event occurred without regard to residence.

**PERINATAL DEATH:** Death of a fetus of greater than 20 weeks gestation or death of a live-born infant under 28 days of life.

**PRIMARY MARRIAGE:** Dissolution of a first marriage for both parties.

**POSTNEONATAL DEATH:** Death of a live-born infant after the first 27 days of life, but before one year of age.

**RESIDENT DATA:** Data compiled by the usual place of residence without regard to geographical place where the event occurred. For births, the mother's usual residence is used as the place of residence of the child.

#### RACE:

**WHITE:** Includes persons describing themselves as White, Cuban, Mexican, Puerto Rican, or other Hispanic. Also for persons whose race is not stated.

**BLACK OR AFRICAN AMERICAN:** A person having origins in any of the black racial groups of Africa.

**AMERICAN INDIAN OR ALASKAN NATIVE:** A person having origins in any of the original peoples of North and South America (including Central America), and who maintain tribal affiliation or community attachment.

**ASIAN:** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

**NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER:** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

**OTHER RACE:** Includes persons stating themselves as other than African-American or the categories included in White.

**HISPANIC OR LATINO ETHNICITY:** A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.

## TIPS ON USING VITAL STATISTICS

This publication is a historical recording of the most requested statistics on vital events and is a source of information that can be used in further analysis. While many users of the vital statistics have a good working knowledge of this subject, others may not fully understand the data limitations. This section discusses items to help the reader use this document.

**QUALITY OF THE DATA:** Every precaution is taken to minimize the errors in the raw data during its preparation and receipt. The data are from certificates of vital events; births, deaths, marriages, divorces and annulments.

Each document is edited for consistency and completeness. Queries are initiated to complete or verify information on the certificate. The department is not able to change information on certificates without the certifier concurrence. Therefore, the quality of the data is often dependent on the decisions of the certifying agent.

**RESIDENCE OR OCCURRENCE:** All data contained in this publication are by residence except marriages and dissolutions, or as otherwise noted.

**TOTALS, RATES, OR RATIOS:** Vital events can be reported as totals, rates, or ratios. Totals will suffice as long as the user knows how many times a certain event occurred and no relationship comparison is to be made with other areas or different periods.

When different areas or periods are being studied, it may be best to use rates or ratios. Populations vary between areas over time in the same area. It may be that variations in occurrence result from changes in the population and do not indicate a new trend in the vital event.

Rates or ratios express the occurrence of vital events in relation to a set standard. For example, the crude birth rate is expressed per 1,000 total population; the age-specific birth rate is expressed per 1,000 females in the specific age category. The comparison removes differences between sizes of the age group being compared over time and allows for analysis of changes in vital event patterns.

**SMALL NUMBER LIMITATIONS:** There are two limitations involving small numbers. One involves a small number of occurrences for a particular vital event. The other involves rates or ratios calculated for a small population even though the number of occurrences of that event may not be considered small. Caution should be exercised concerning the use of such data. Statistical stability cannot be assured when small numbers are used in some formulas. Determination of what constitutes a small number must be made by that of the individual user. Numbers smaller than 16 and populations less than 100 are generally considered unstable for use in most statistical computations.

# FORMULAS

## NATALITY FORMULAS

$$\text{Birth Rate} = \frac{\# \text{ of Live Births}}{\text{Estimated Midyear Population}} \times 1,000$$

$$\text{Low Birth Weight Ratio} = \frac{\# \text{ of Live Births} < 2,500 \text{ grams}}{\# \text{ of Live Births}} \times 1,000$$

$$\text{Ratio of Births to Unmarried Women} = \frac{\# \text{ of Live Births to Unmarried Women}}{\# \text{ of Live Births}} \times 1,000$$

$$\text{Age-Specific Birth Rate} = \frac{\# \text{ of Live Births to Women in Specific Age Group}}{\text{Estimated Female Population in that Age Group}} \times 1,000$$

$$\text{General Fertility Rate} = \frac{\# \text{ of Live Births}}{\text{Estimated Female Population, Aged 15-44}} \times 1,000$$

## MARRIAGE FORMULA

$$\text{Marriage Rate} = \frac{\# \text{ of Marriages}}{\text{Estimated Midyear Population}} \times 1,000$$

## DIVORCE FORMULA

$$\text{Divorce Rate} = \frac{\# \text{ of Divorces and Annulments}}{\text{Estimated Midyear Population}} \times 1,000$$

## MORTALITY FORMULAS

$$\text{Death Rate} = \frac{\# \text{ of Deaths}}{\text{Estimated Midyear Population}} \times 1,000$$

$$\text{Age-Adjusted Death Rate}^* = \left( \frac{\text{Decedents } < 1 \text{ Year of Age}}{\text{IA Midyear Pop. } < 1 \text{ Year of Age}} \times 2000 \text{ US Standard Million Population } < 1 \text{ Year of Age} + \right.$$

$$\left. \frac{\text{Decedents Aged 1-4}}{\text{IA Midyear Pop. Aged 1-4}} \times 2000 \text{ US Standard Million Population Aged 1-4} + \right.$$

$$\left. \frac{\text{Decedents Aged 5-14}}{\text{IA Midyear Pop. Aged 5-14}} \times 2000 \text{ US Standard Million Population Aged 5-14} + \right.$$

$$\left. \frac{\text{Decedents Aged 15-24}}{\text{IA Midyear Pop. Aged 15-24}} \times 2000 \text{ US Standard Million Population Aged 15-24} + \right.$$

$$\left. \frac{\text{Decedents Aged 25-34}}{\text{IA Midyear Pop. Aged 25-34}} \times 2000 \text{ US Standard Million Population Aged 25-34} + \right.$$

$$\left. \frac{\text{Decedents Aged 35-44}}{\text{IA Midyear Pop. Aged 35-44}} \times 2000 \text{ US Standard Million Population Aged 35-44} + \right.$$

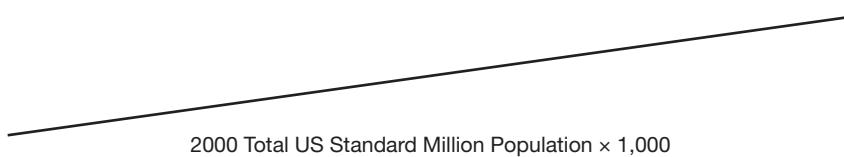
$$\left. \frac{\text{Decedents Aged 45-54}}{\text{IA Midyear Pop. Aged 45-54}} \times 2000 \text{ US Standard Million Population Aged 45-54} + \right.$$

$$\left. \frac{\text{Decedents Aged 55-64}}{\text{IA Midyear Pop. Aged 55-64}} \times 2000 \text{ US Standard Million Population Aged 55-64} + \right.$$

$$\left. \frac{\text{Decedents Aged 65-74}}{\text{IA Midyear Pop. Aged 65-74+}} \times 2000 \text{ US Standard Million Population Aged 65-74} + \right.$$

$$\left. \frac{\text{Decedents Aged 75-84}}{\text{IA Midyear Pop. Aged 75-84}} \times 2000 \text{ US Standard Million Population Aged 75-84} + \right.$$

$$\left. \frac{\text{Decedents Aged } \geq 85}{\text{IA Midyear Pop. Aged } \geq 85} \times 2000 \text{ US Standard Million Population Aged } \geq 85 \right)$$



\* Year 2000 Projected Standard Population may be used in the above formulas.

## MORTALITY FORMULAS

$$\text{Cause-Specific Death Rate} = \frac{\text{\# of Deaths of Specific Cause}}{\text{Estimated Midyear Population}} \times 100,000$$

$$\text{Age-Specific Death Rate} = \frac{\text{\# of Deaths of Specific Age Group}}{\text{Estimated Population in that Age Group}} \times 1,000$$

$$\text{Infant Death Rate} = \frac{\text{\# of Deaths < 1 Year of Age}}{\text{\# of Live Births}} \times 1,000$$

$$\text{Cause-Specific Infant Death Rate} = \frac{\text{\# of Deaths < 1 Year for Specific Cause}}{\text{\# of Live Births}} \times 1,000$$

$$\text{Neonatal Death Rate} = \frac{\text{\# of Deaths < 28 Days of Age}}{\text{\# of Live Births}} \times 1,000$$

$$\text{Postneonatal Death Rate} = \frac{\text{\# of Deaths} \geq 28 \text{ Days of Age, but} < 1 \text{ Year of Age}}{\text{\# of Live Births}} \times 1,000$$

$$\text{Perinatal Death Rate} = \frac{(\text{\# of Fetal Deaths} \geq 20 \text{ Weeks of Gestation} + \text{Infant Deaths} < 28 \text{ Days of Age})}{\text{\# of Live Births}} \times 1,000$$

(The definition of Perinatal Mortality varies from state to state. Caution should be exercised in comparing this rate between states.)

$$\text{Fetal Death Ratio} = \frac{\text{\# of Fetal Deaths} \geq 20 \text{ Weeks of Gestation}}{\text{\# of Live Births}} \times 1,000$$

$$\text{Maternal Mortality Rate} = \frac{\text{\# of Deaths due to Pregnancy, childbirth and the Puerperium (ICD-10: O00 to O99)}}{\text{\# of Live Births}} \times 100,000$$

## TERMINATION OF PREGNANCY FORMULAS

$$\text{Termination Rate} = \frac{\text{\# of Terminations}}{\text{Female Population, Aged 15-44}} \times 1,000$$

$$\text{Termination Ratio} = \frac{\text{\# of Terminations}}{\text{\# of Live Births}} \times 1,000$$

$$\text{Pregnancy Rate} = \frac{\text{\# of (Live Births + Fetal Deaths + Terminations)}}{\text{Female Population, Aged 15-44}} \times 1,000$$

## IOWA SUMMARY HIGHLIGHTS

|                                               | <b>1986</b> | <b>1996</b> | <b>2006</b> | <b>2016</b> |
|-----------------------------------------------|-------------|-------------|-------------|-------------|
| <b>BIRTHS:</b>                                |             |             |             |             |
| Total <sup>1</sup>                            | 13.6        | 13.0        | 13.6        | 12.5        |
| Percent of Mothers Ages 19 and Under          | 9.2         | 11.0        | 8.7         | 4.6         |
| Percent Low Birth Weight                      | 5.3         | 6.4         | 7.0         | 6.8         |
| Out-of-wedlock <sup>2</sup>                   | 150.0       | 262.6       | 337.7       | 348.9       |
| <b>DEATHS:</b>                                |             |             |             |             |
| Total <sup>1</sup>                            | 9.5         | 9.7         | 9.2         | 9.4         |
| Infant <sup>2</sup>                           | 8.4         | 7.0         | 5.1         | 6.1         |
| Neonatal <sup>2</sup>                         | 5.5         | 4.9         | 3.3         | 3.8         |
| Fetal <sup>2</sup>                            | 6.2         | 5.4         | 5.8         | 4.5         |
| Maternal <sup>3</sup>                         | 5.2         | 2.7         | 12.3        | 30.6        |
| <b>SELECTED CAUSES:</b>                       |             |             |             |             |
| Heart Disease <sup>4</sup>                    | 369.7       | 321.5       | 239.4       | 218.9       |
| Cerebrovascular Disease (Stroke) <sup>4</sup> | 79.8        | 79.6        | 57.4        | 44.0        |
| Atherosclerosis <sup>4</sup>                  | 18.2        | 14.1        | 6.2         | 2.3         |
| Unintentional Injuries <sup>4</sup>           | 37.1        | 37.8        | 39.7        | 49.9        |
| Homicides <sup>4</sup>                        | 2.2         | 2.5         | 2.4         | 2.5         |
| Suicides <sup>4</sup>                         | 13.1        | 11.3        | 11.1        | 14.3        |
| Teenage Suicides (Ages 10-19) <sup>4</sup>    | 1.4         | 0.9         | 1.0         | 0.8         |
| <b>MARRIAGES:</b>                             |             |             |             |             |
| Total <sup>1</sup>                            | 8.3         | 8.0         | 6.7         | 6.1         |
| Same-gender <sup>1</sup>                      | N/A         | N/A         | N/A         | 0.1         |
| <b>DISSOLUTIONS:</b>                          |             |             |             |             |
| Total <sup>1</sup>                            | 3.7         | 3.6         | 2.7         | 1.3         |
| Percent Involving No Children                 | 39.9        | 42.3        | 48.1        | 49.1        |

<sup>1</sup> – Rate per 1,000 population

<sup>2</sup> – Rate per 1,000 live births

<sup>3</sup> – Rate per 100,000 live births

<sup>4</sup> – Rate per 100,000 population

**SELECTED RECORDS AND TRIVIA**  
**Iowa 2016**

**NATALITY**

|                                  |                                        |                                 |                            |
|----------------------------------|----------------------------------------|---------------------------------|----------------------------|
| Oldest Father                    | 71                                     | Oldest Mother                   | 59                         |
| Youngest Father                  | 15                                     | Youngest Mother                 | 14                         |
| Highest Weight Reported in grams | 5,840<br>(12 lb. 14 oz.)               | Lowest Weight Reported in grams | 70<br>(0 lb. 2.5 oz.)      |
| Day Most Births Occurred On      | September 1<br>(168 Births)            | Month Most Births Occurred In   | August<br>(3,535 Births)   |
| Days Fewest Births Occurred On   | August 7<br>(45 Births)                | Month Fewest Births Occurred In | February<br>(2,951 Births) |
| Highest Birth Order              | 15 (14 live-born brothers and sisters) |                                 |                            |

**MOST POPULAR NAMES FOR BABIES**

THE + AND - NUMBERS ARE CHANGES IN THE NAME'S POPULARITY RANK FROM THE PREVIOUS YEAR

| BOYS' NAMES | NUMBER  | BOYS' NAMES | NUMBER  | GIrls' NAMES | NUMBER | GIrls' NAMES | NUMBER |
|-------------|---------|-------------|---------|--------------|--------|--------------|--------|
| Oliver      | 200 +2  | Jack        | 124 +7  | Olivia       | 206 +1 | Grace        | 95 +4  |
| Owen        | 181 +3  | Elijah      | 117 -4  | Emma         | 172 -1 | Isabella     | 95 +2  |
| William     | 173 -1  | Lincoln     | 116 -3  | Harper       | 155 ±0 | Lillian      | 94 +1  |
| Wyatt       | 167 +5  | James       | 114 -4  | Charlotte    | 151 +3 | Brooklyn     | 90 +15 |
| Henry       | 165 -1  | Mason       | 114 -7  | Evelyn       | 151 ±0 | Elizabeth    | 88 +2  |
| Liam        | 152 -5  | Carter      | 110 -3  | Ava          | 148 ±0 | Zoey         | 88 -4  |
| Benjamin    | 151 +11 | Jaxon       | 103 +8  | Nora         | 123 +4 | Claire       | 87 +8  |
| Noah        | 148 -2  | Samuel      | 101 +32 | Amelia       | 122 ±0 | Mia          | 87 -7  |
| Jackson     | 136 +1  | Lucas       | 99 +1   | Sophia       | 107 -4 | Quinn        | 83 +20 |
| Grayson     | 124 +5  | Alexander   | 98 -6   | Addison      | 100 +8 | Scarlett     | 83 +3  |

**MORTALITY**

|                               |                                                  |                                 |                            |
|-------------------------------|--------------------------------------------------|---------------------------------|----------------------------|
| Oldest Male                   | 108                                              | Oldest Female                   | 111                        |
| Day Most Deaths Occurred On   | December 30<br>(116 Deaths)                      | Month Most Deaths Occurred In   | December<br>(2,752 Deaths) |
| Day Fewest Deaths Occurred On | May 27 & 29, June 24, July 4<br>(58 Deaths each) | Month Fewest Deaths Occurred In | June<br>(2,237 Deaths)     |

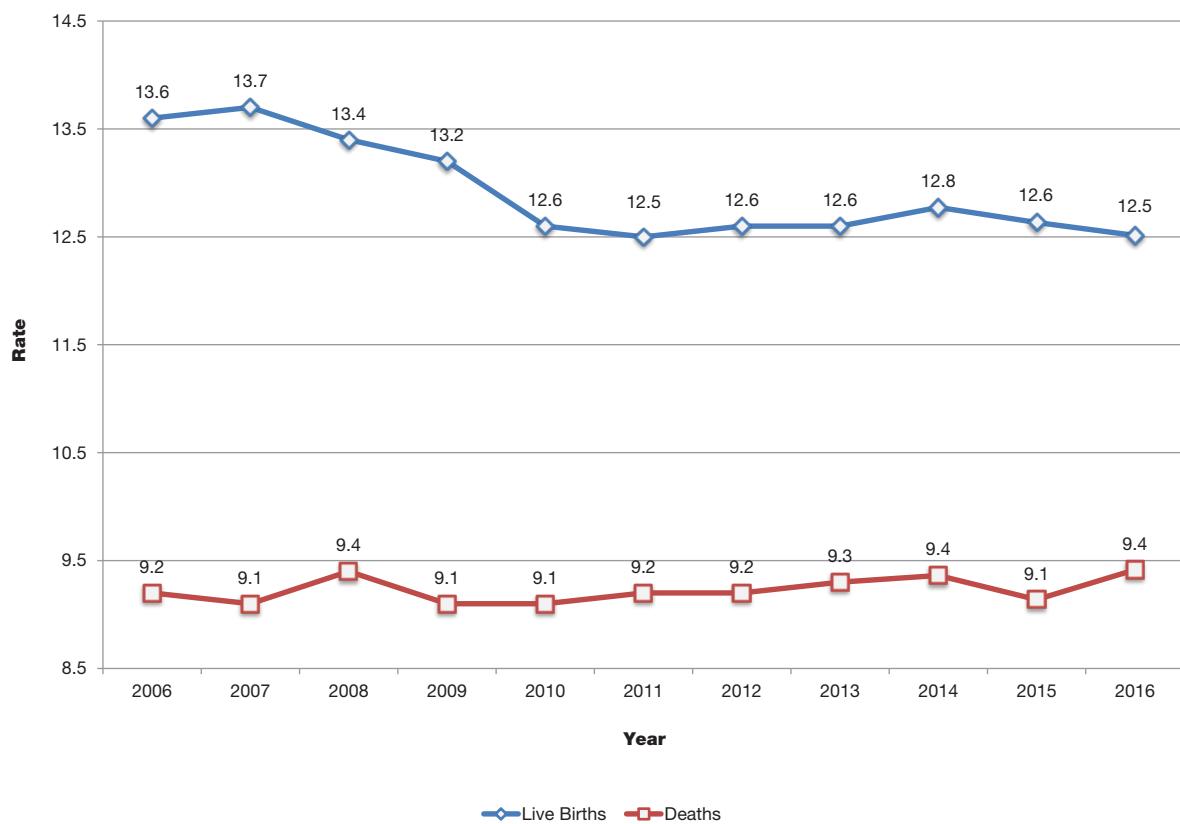
**MARRIAGE**

|                                  |                                                       |                                    |                              |
|----------------------------------|-------------------------------------------------------|------------------------------------|------------------------------|
| Oldest Male                      | 93                                                    | Oldest Female                      | 89                           |
| Youngest Male                    | 16                                                    | Youngest Female                    | 16                           |
| Day Most Marriages Occurred On   | September 24<br>(499 Marriages)                       | Month Most Marriages Occurred In   | October<br>(2,608 Marriages) |
| Day Fewest Marriages Occurred On | January & April 18, November 24<br>(5 Marriages each) | Month Fewest Marriages Occurred In | January<br>(659 Marriages)   |

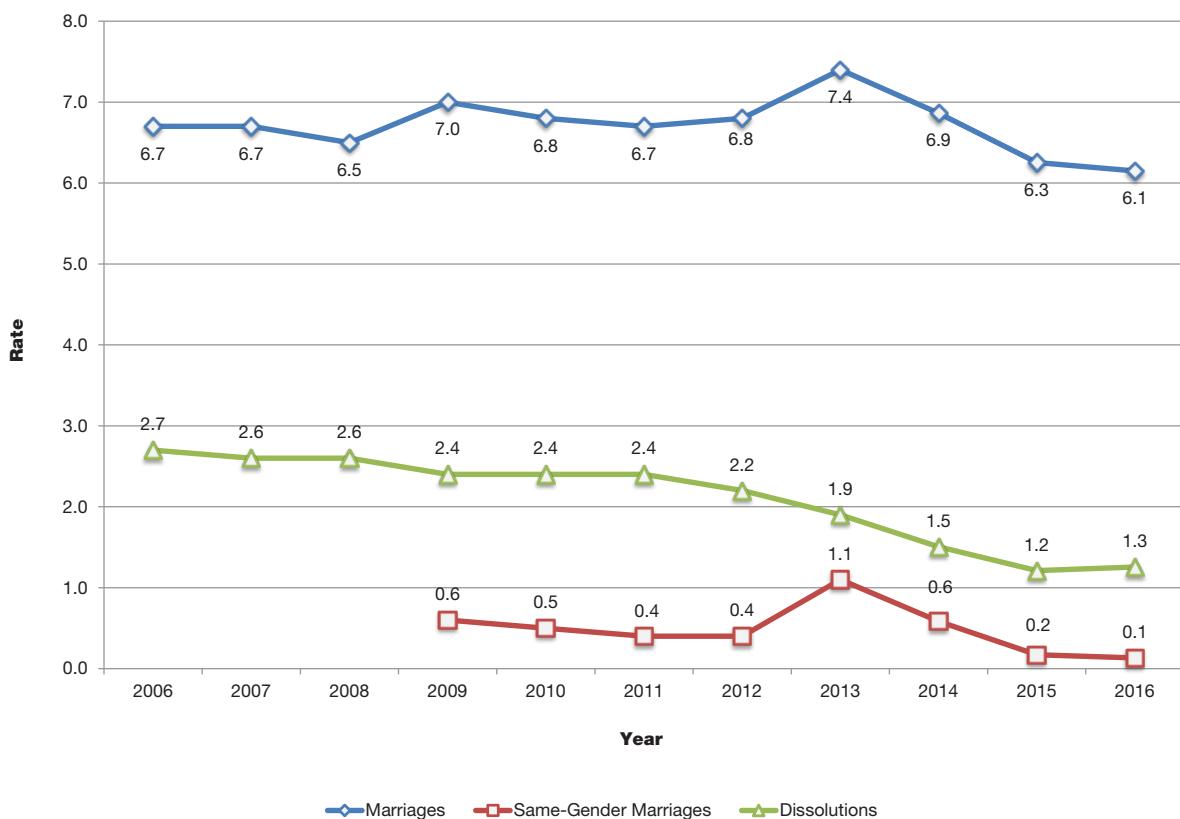
**DISSOLUTIONS**

|                                                |          |                                                 |        |
|------------------------------------------------|----------|-------------------------------------------------|--------|
| Oldest Male Divorcee                           | 90       | Oldest Female Divorcee                          | 91     |
| Youngest Male Divorcee                         | 19       | Youngest Female Divorcee                        | 17     |
| Marriage of Longest Duration Ending in Divorce | 66 Years | Marriage of Shortest Duration Ending in Divorce | 7 Days |
|                                                |          |                                                 |        |

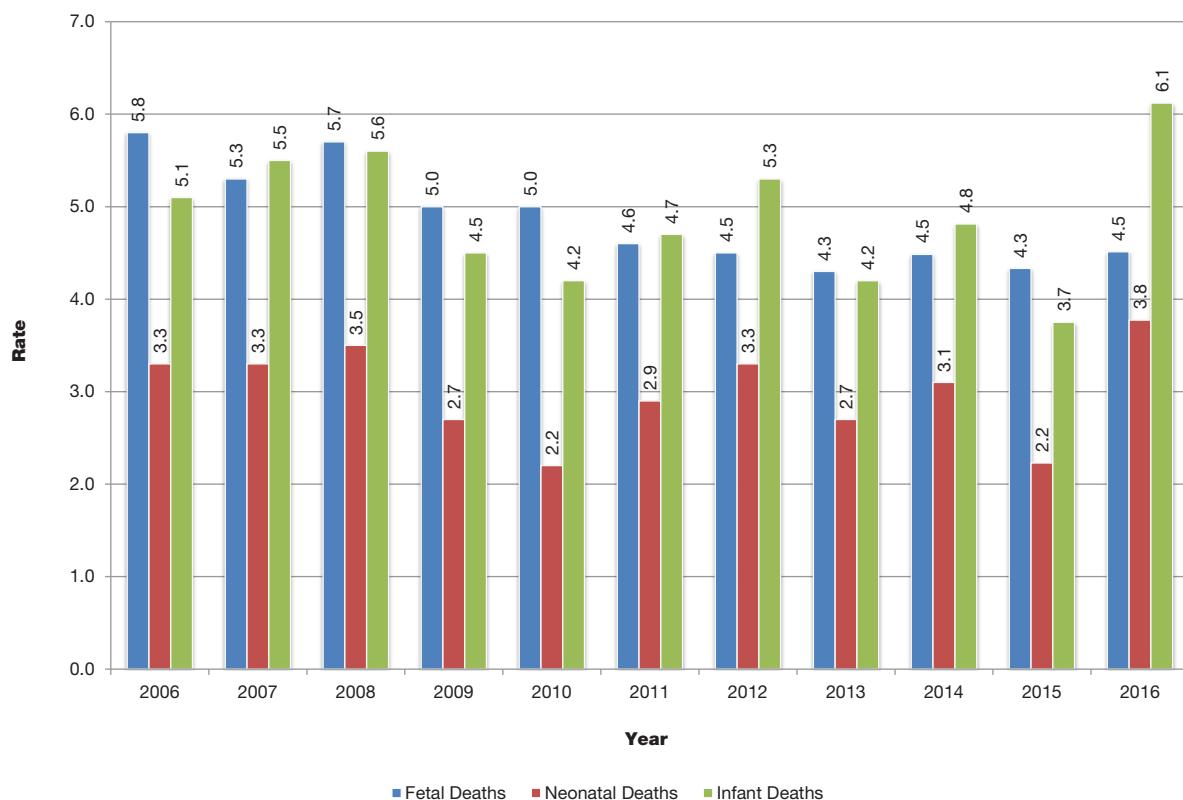
**FIGURE 1: LIVE BIRTHS AND DEATHS  
2006-2016 RESIDENT DATA**



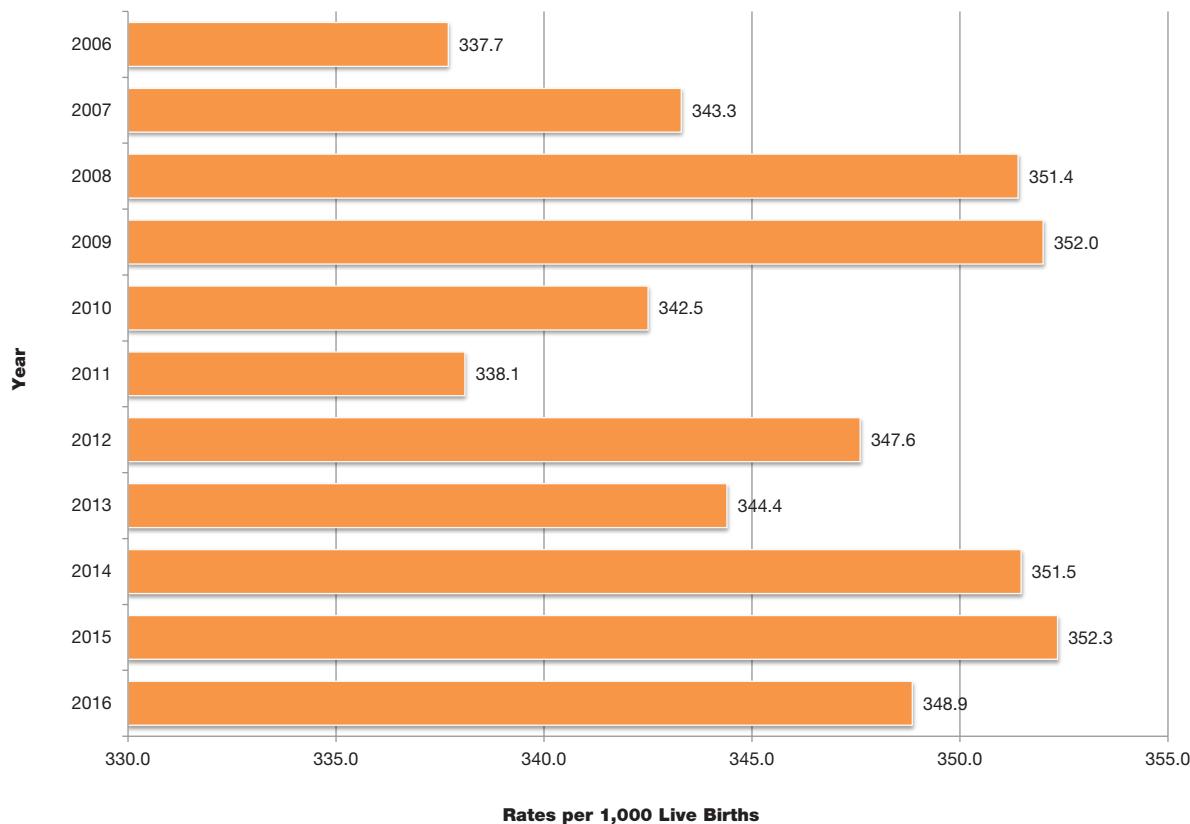
**FIGURE 2: MARRIAGES AND DISSOLUTIONS  
2006-2016 OCCURRENCE DATA**



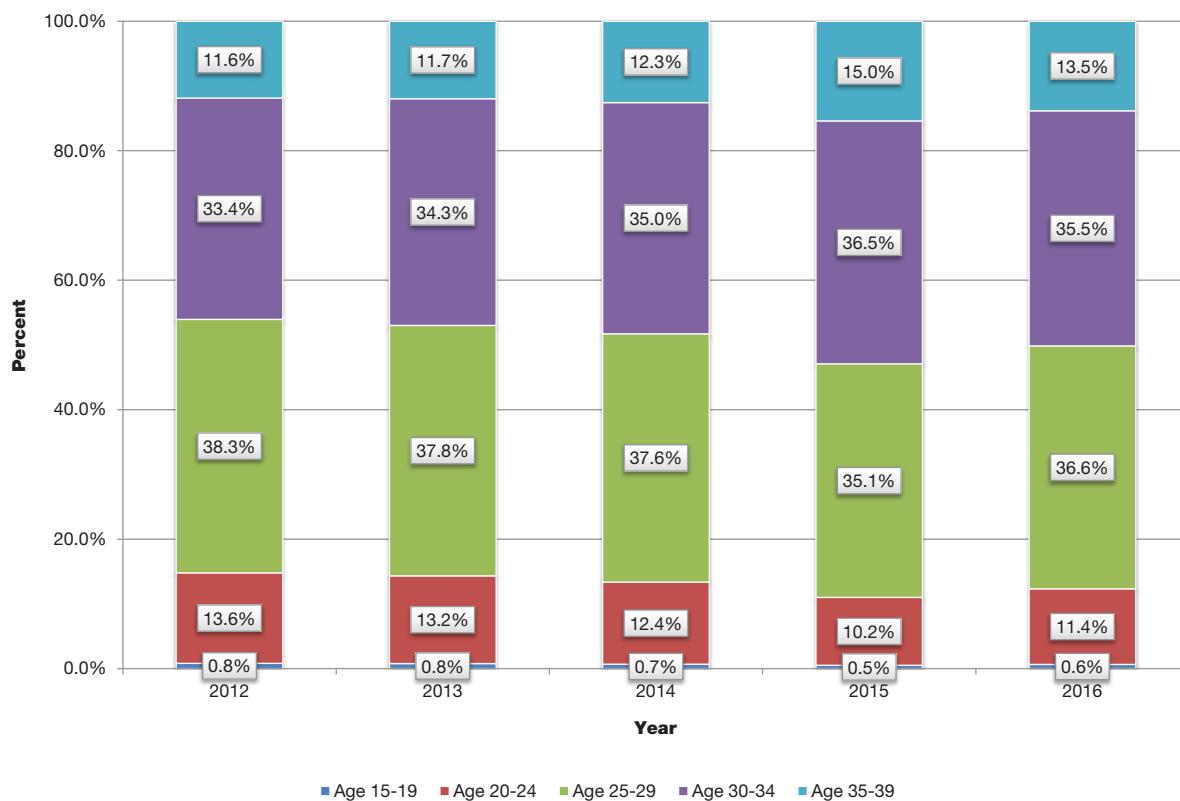
**FIGURE 3: FETAL, NEONATAL, INFANT DEATHS  
2006-2016 RESIDENT DATA**



**FIGURE 4: OUT-OF-WEDLOCK LIVE BIRTHS  
2006-2016 RESIDENT DATA**



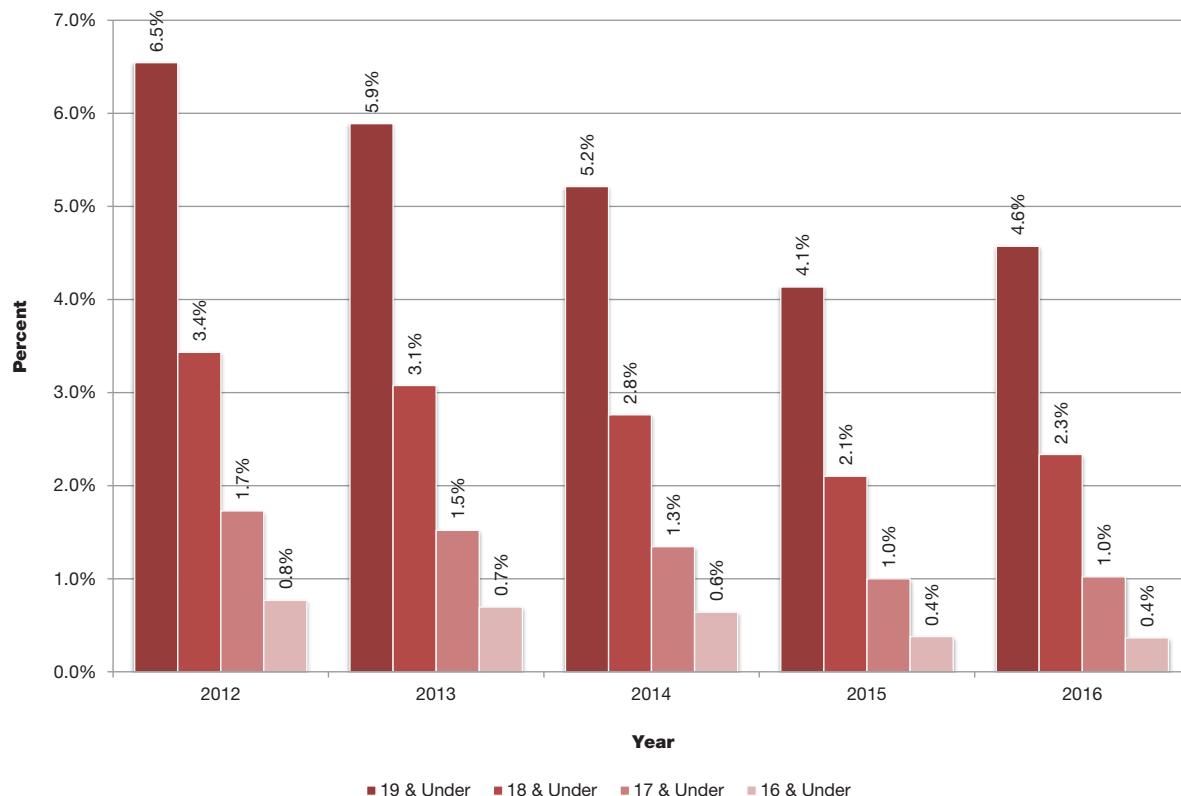
**FIGURE 5: IN-WEDLOCK LIVE BIRTHS BY AGE OF MOTHER  
2012-2016 RESIDENT DATA**



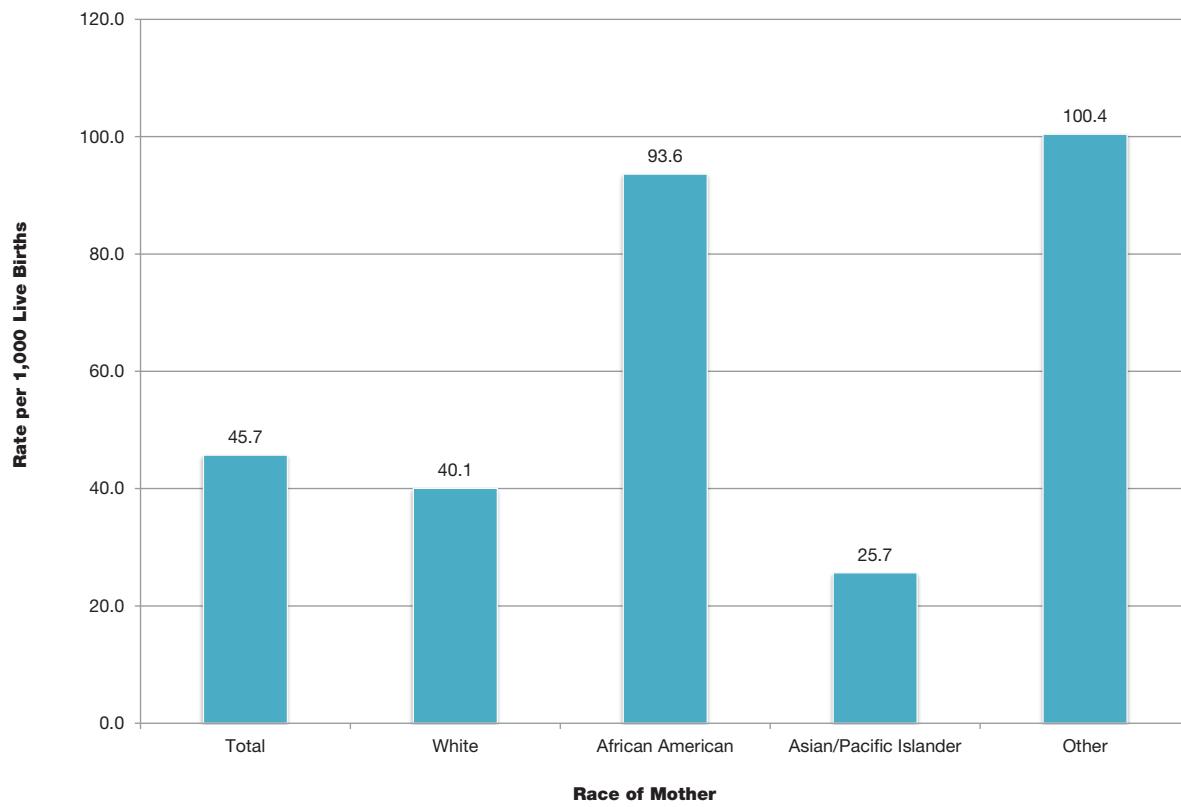
**FIGURE 6: OUT-OF-WEDLOCK LIVE BIRTHS BY AGE OF MOTHER  
2012-2016 RESIDENT DATA**



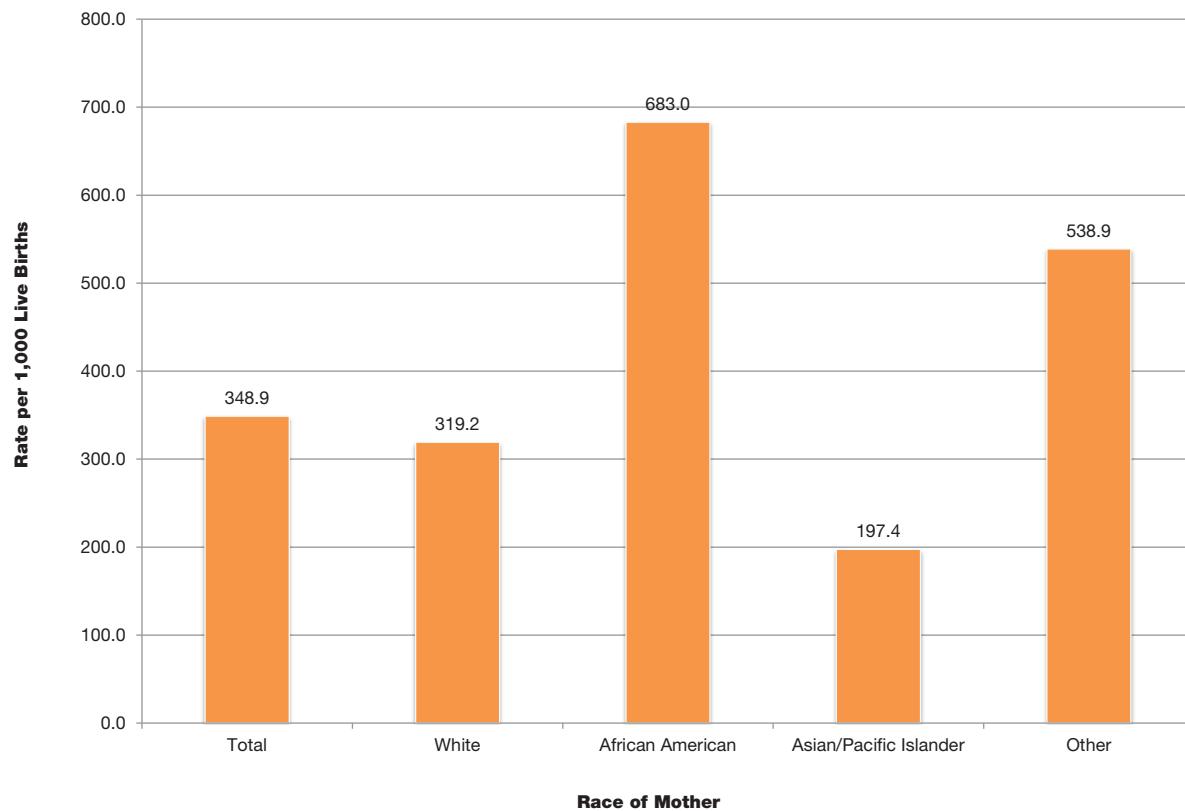
**FIGURE 7: LIVE BIRTHS TO TEENAGE MOTHERS AS PERCENTS OF TOTAL LIVE BIRTHS  
2012-2016 RESIDENT DATA**



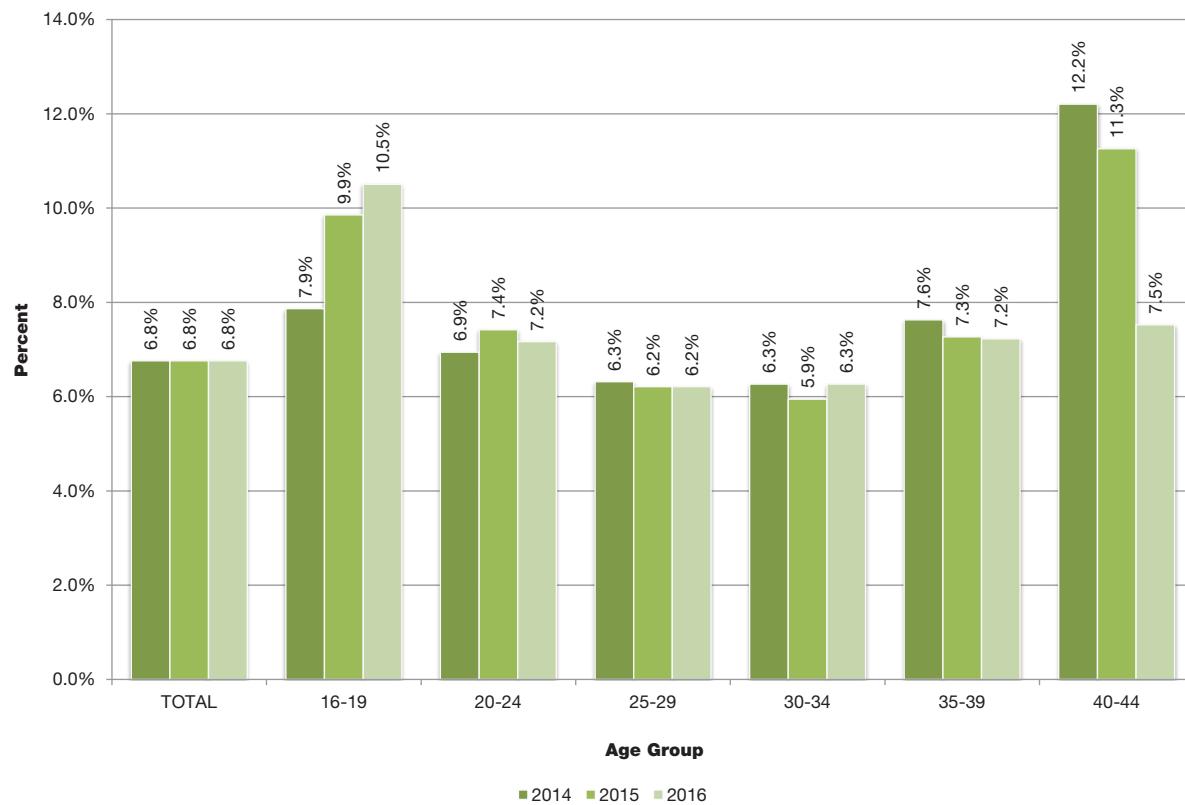
**FIGURE 8: MOTHERS UNDER AGE 20 BY RACE  
2016 RESIDENT DATA**



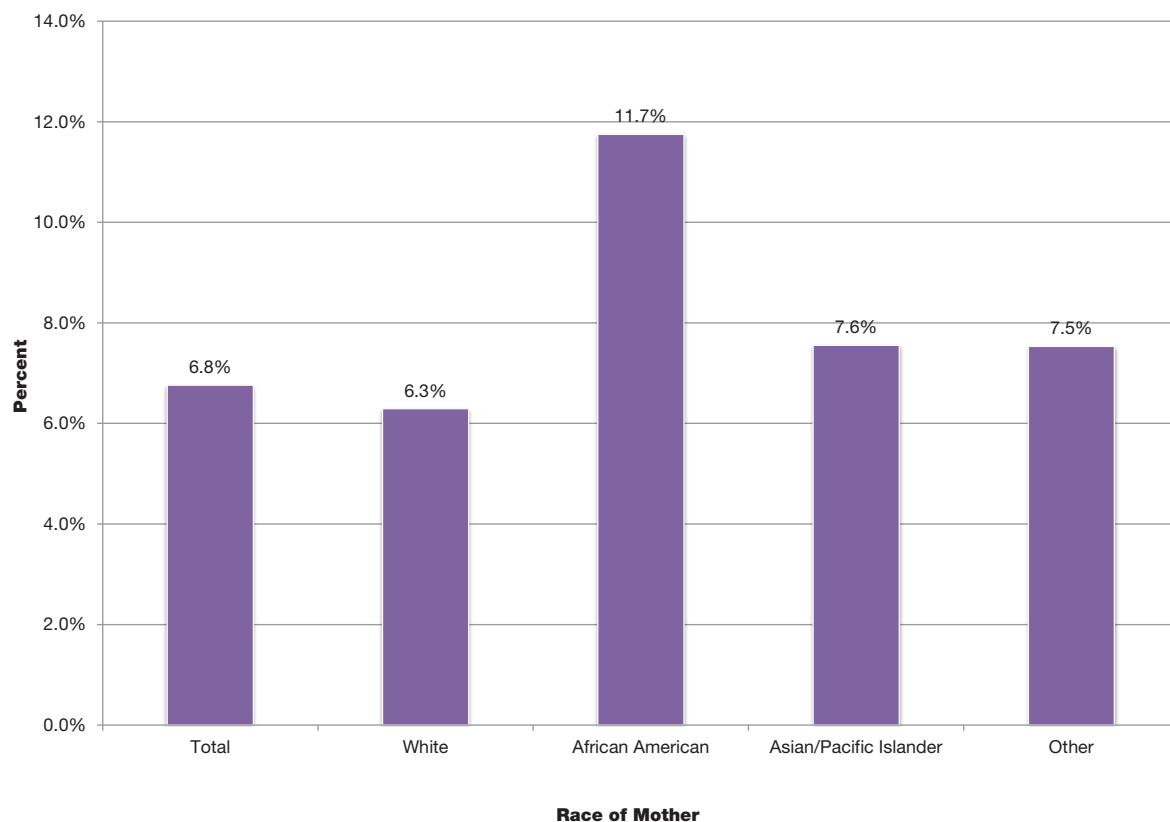
**FIGURE 9: OUT-OF-WEDLOCK LIVE BIRTHS BY RACE  
2016 RESIDENT DATA**



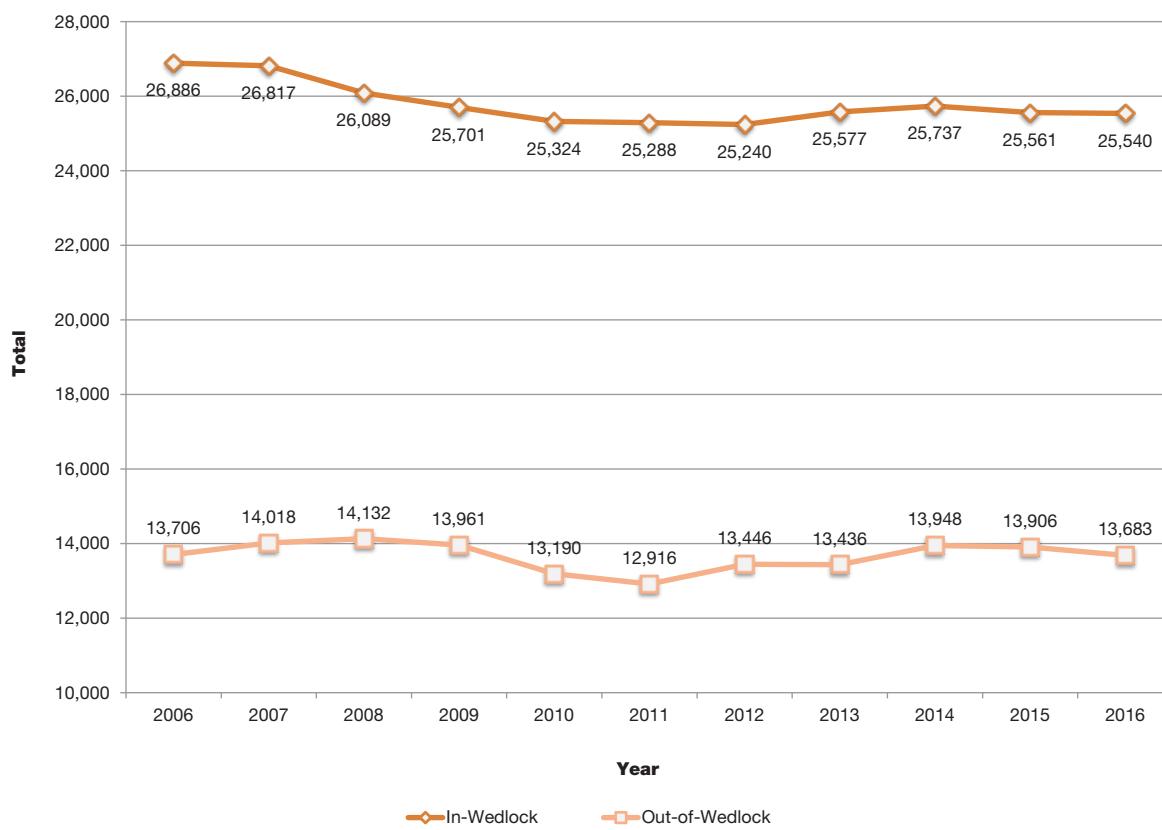
**FIGURE 10: LOW BIRTH WEIGHT LIVE BIRTHS AS PERCENT OF TOTAL LIVE BIRTHS WITHIN AGE GROUP OF MOTHER  
2014-2016 RESIDENT DATA**



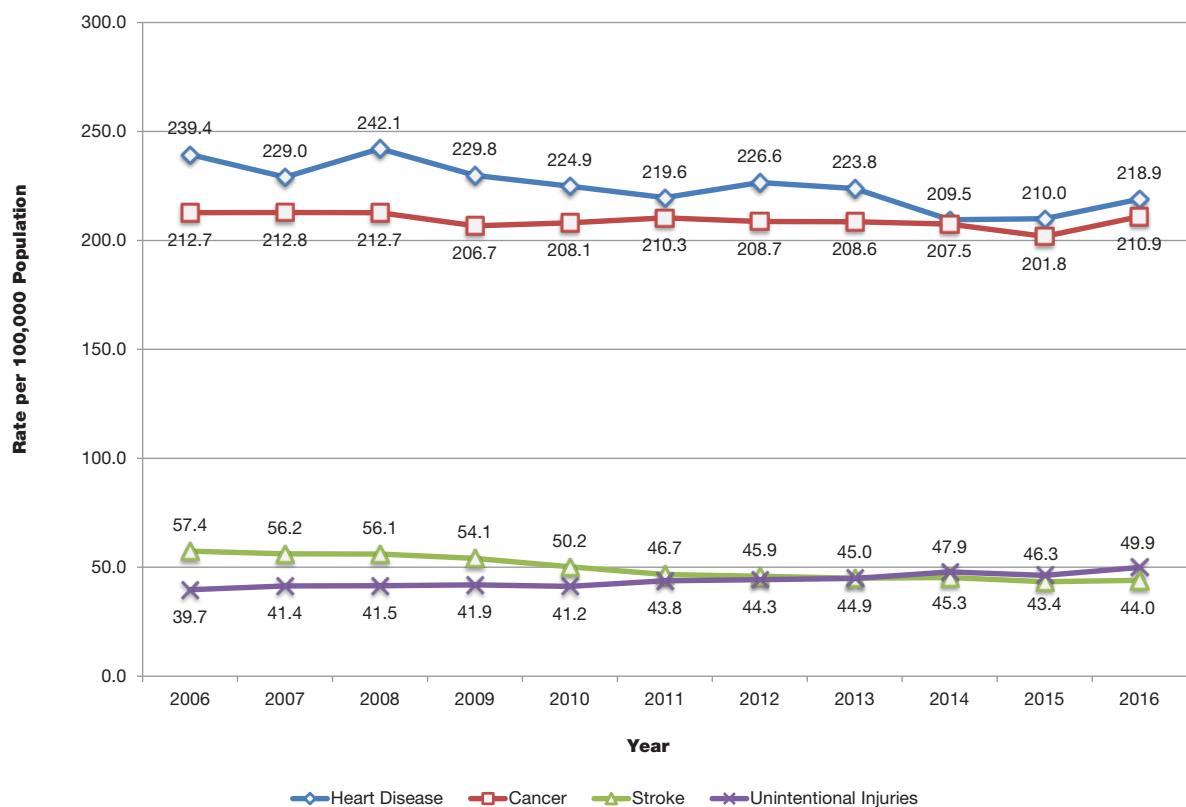
**FIGURE 11: LOW BIRTH WEIGHT LIVE BIRTHS BY RACE AS PERCENTS OF TOTAL LIVE BIRTHS  
2016 RESIDENT DATA**



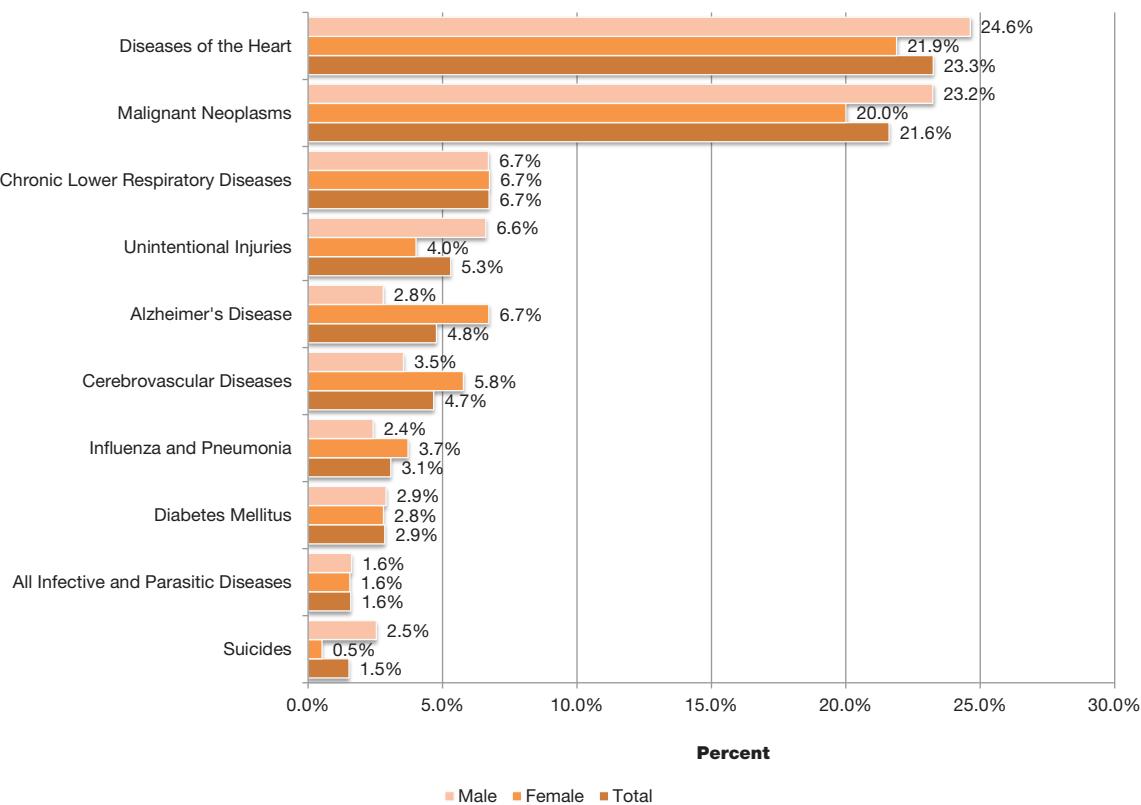
**FIGURE 12: NUMBER OF LIVE BIRTHS BY MARITAL STATUS  
2006-2016 RESIDENT DATA**



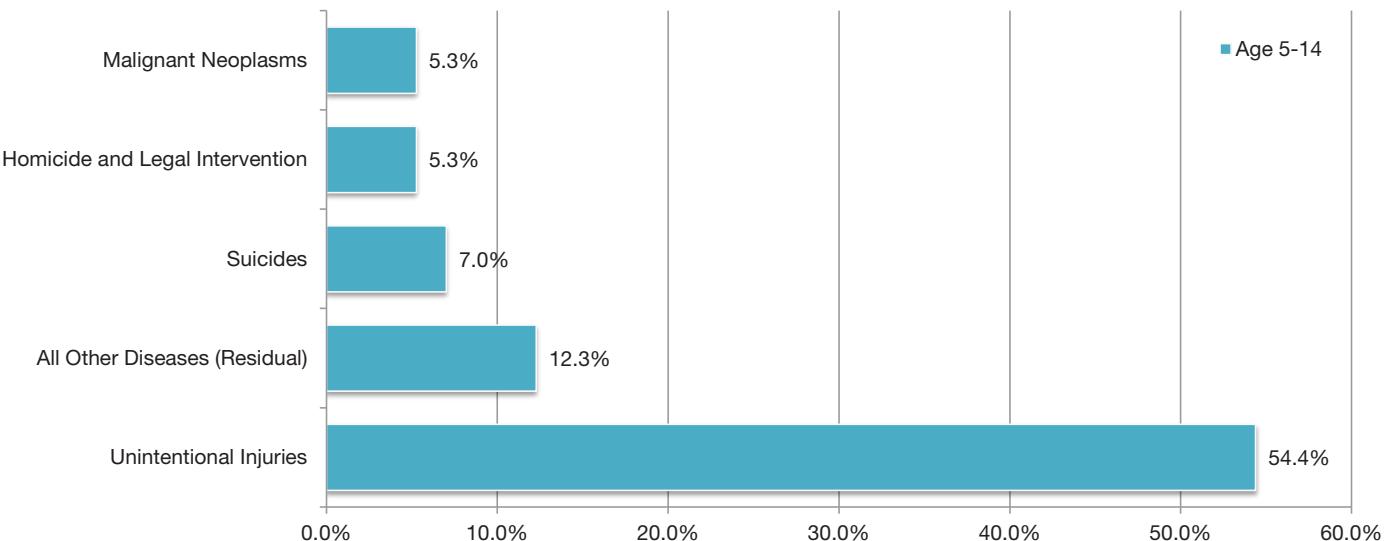
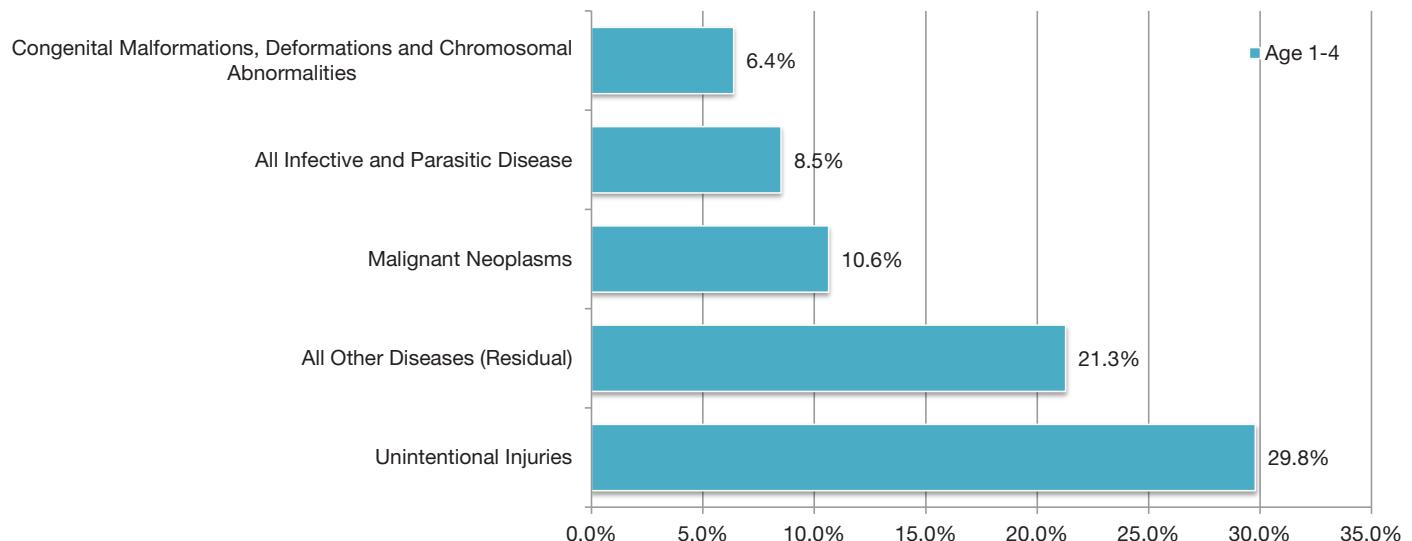
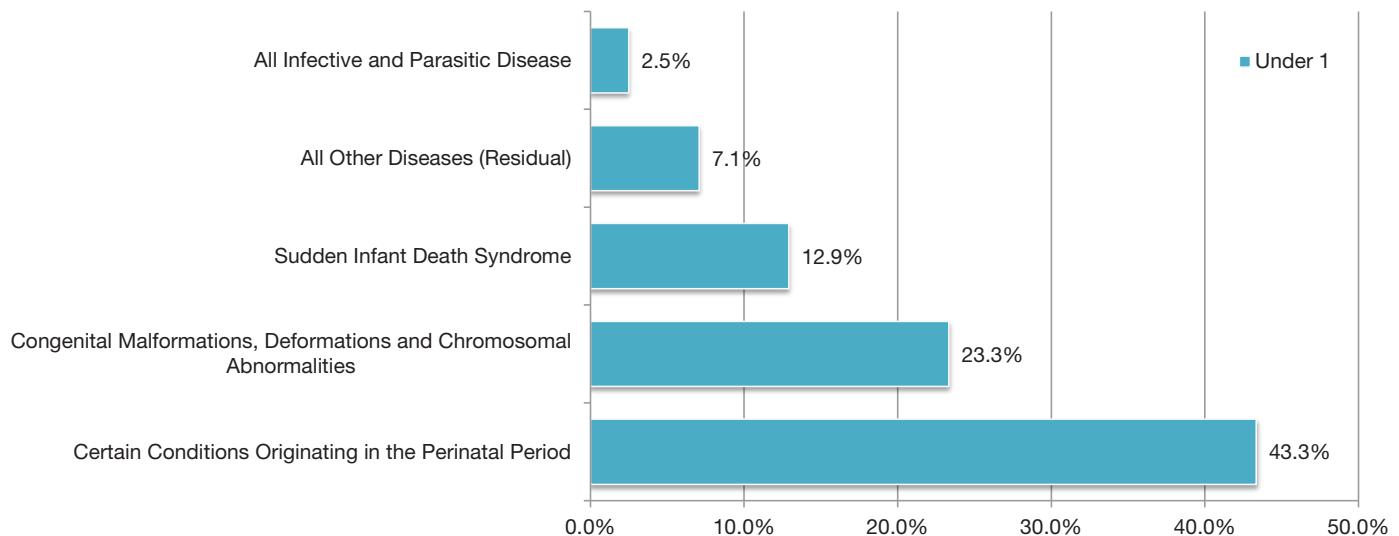
**FIGURE 13: RATES FOR SELECTED CAUSES OF DEATH  
2006-2016 RESIDENT DATA**



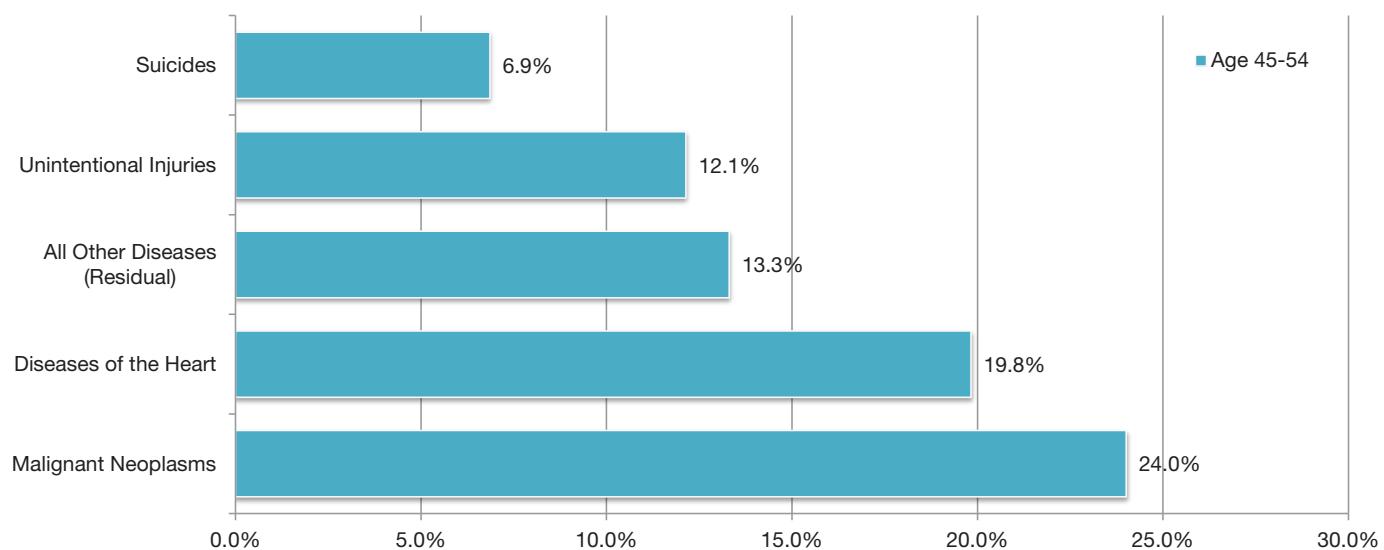
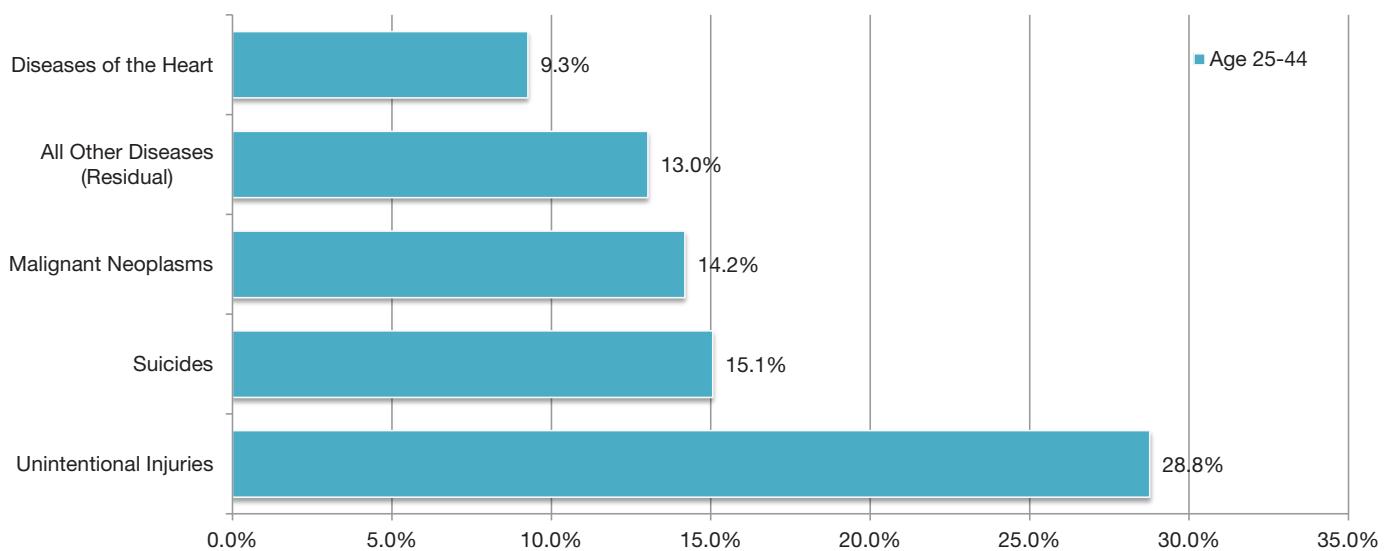
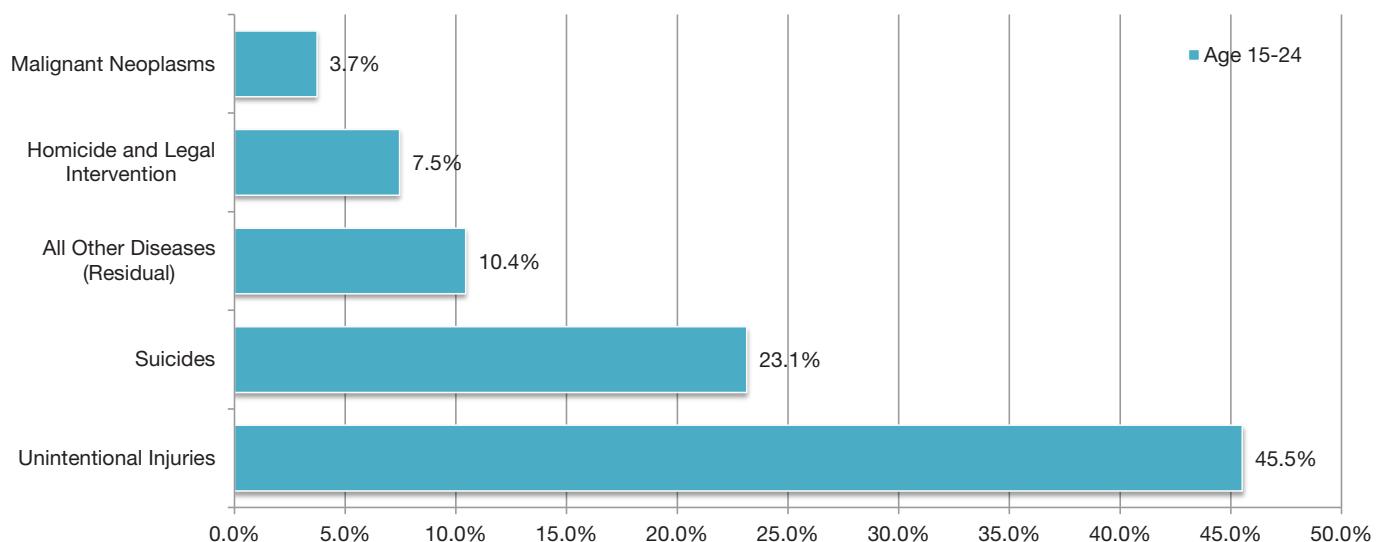
**FIGURE 14: TEN LEADING CAUSES OF DEATH AS PERCENTS OF ALL DEATHS BY GENDER  
2016 RESIDENT DATA**



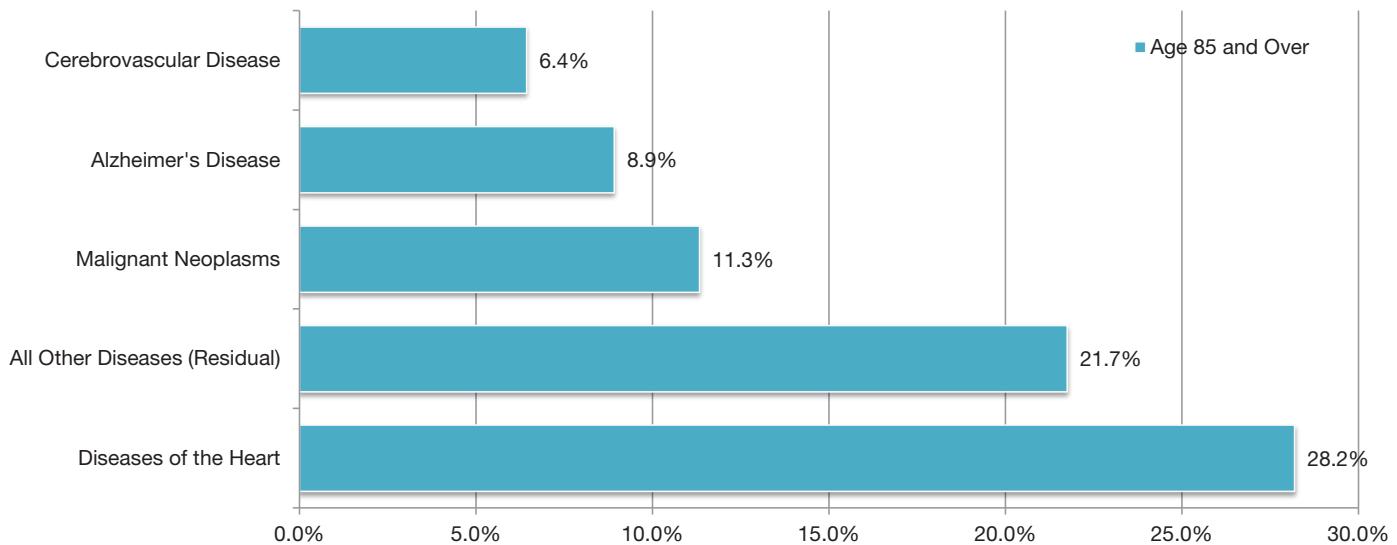
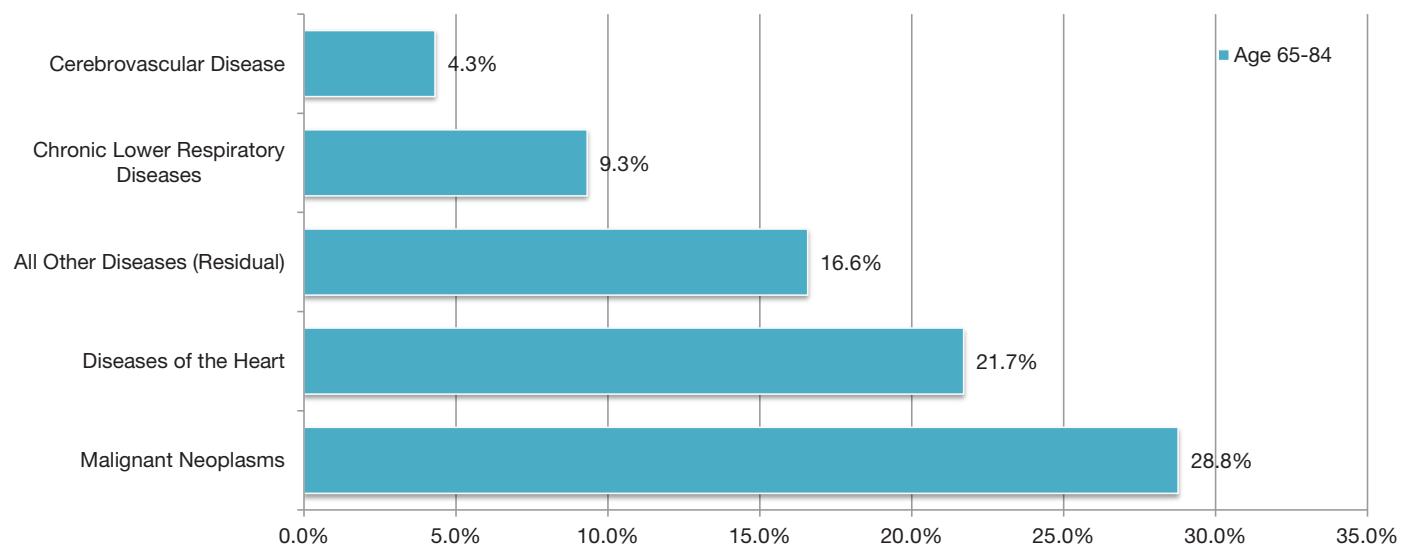
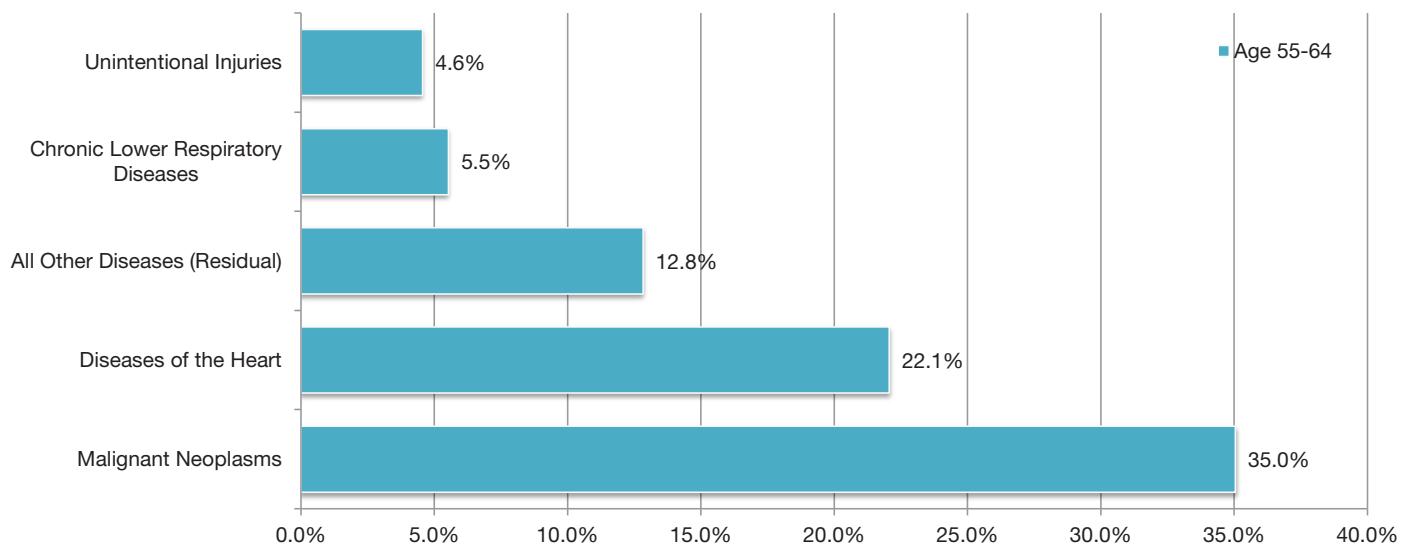
**FIGURE 15: LEADING CAUSES OF DEATH BY AGE GROUP  
2016 RESIDENT DATA**



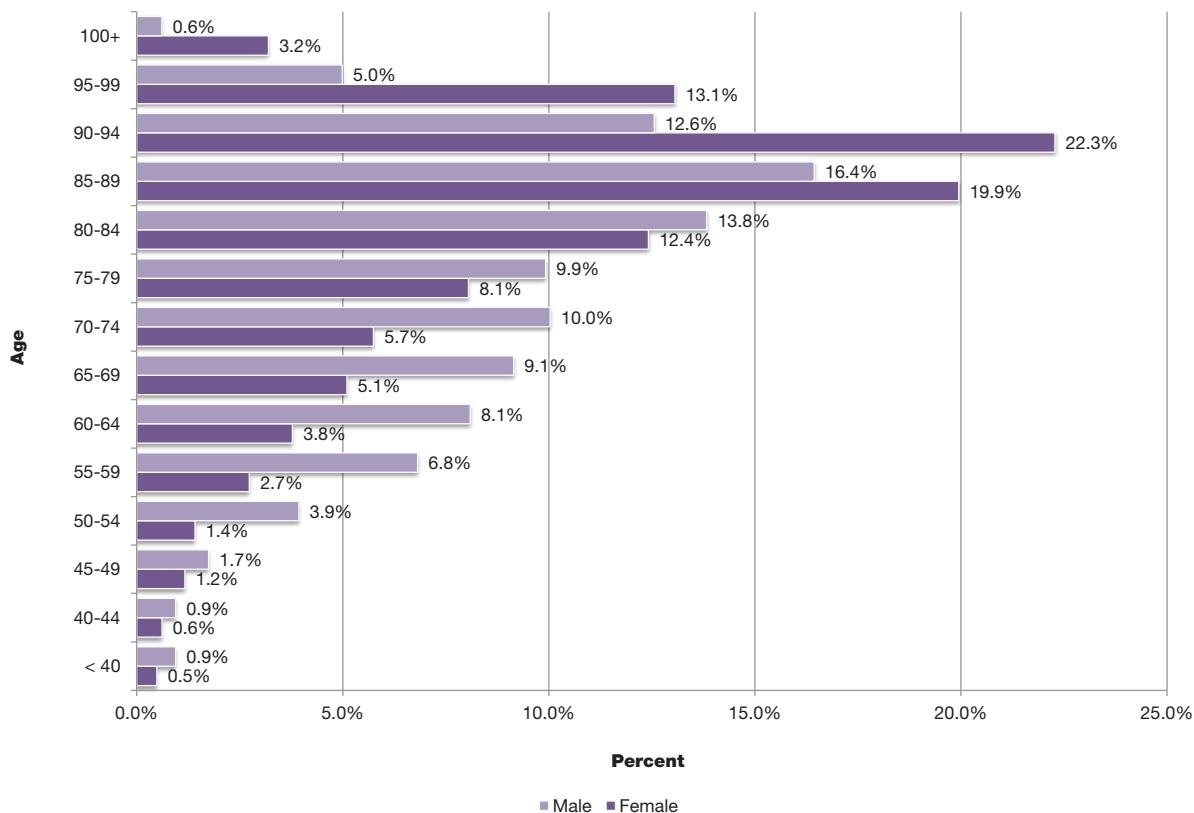
**FIGURE 15: LEADING CAUSES OF DEATH BY AGE GROUP (CONTINUED)**  
**2016 RESIDENT DATA**



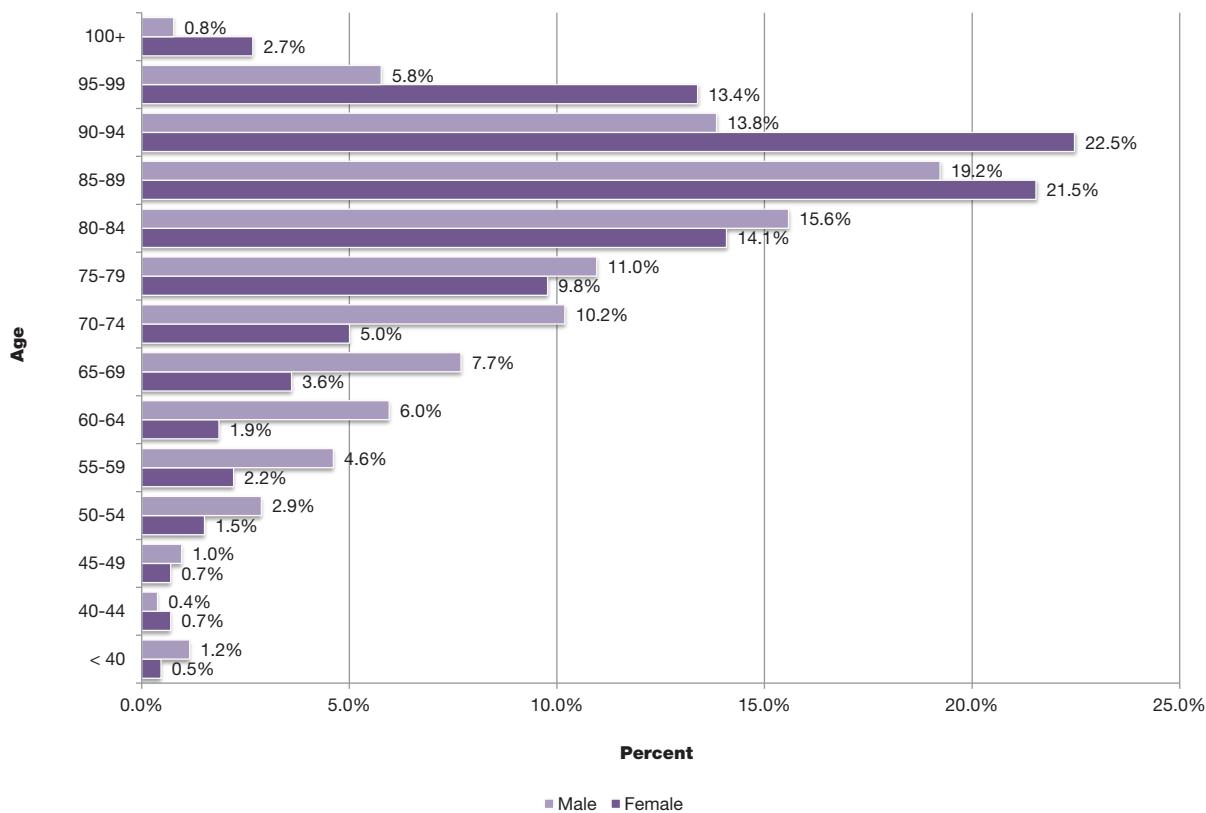
**FIGURE 15: LEADING CAUSES OF DEATH BY AGE GROUP (CONTINUED)**  
**2016 RESIDENT DATA**



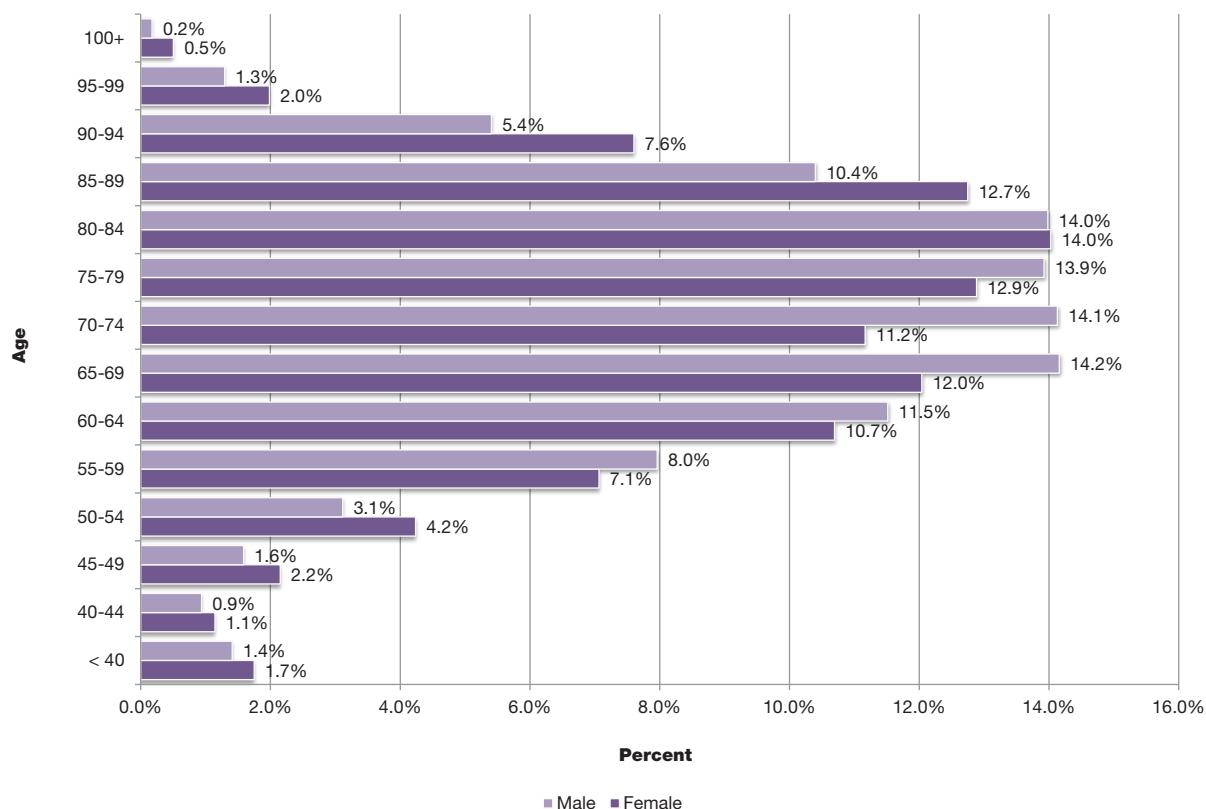
**FIGURE 16: HEART DISEASE DEATHS BY AGE AND GENDER, PERCENT DISTRIBUTION  
2016 RESIDENT DATA**



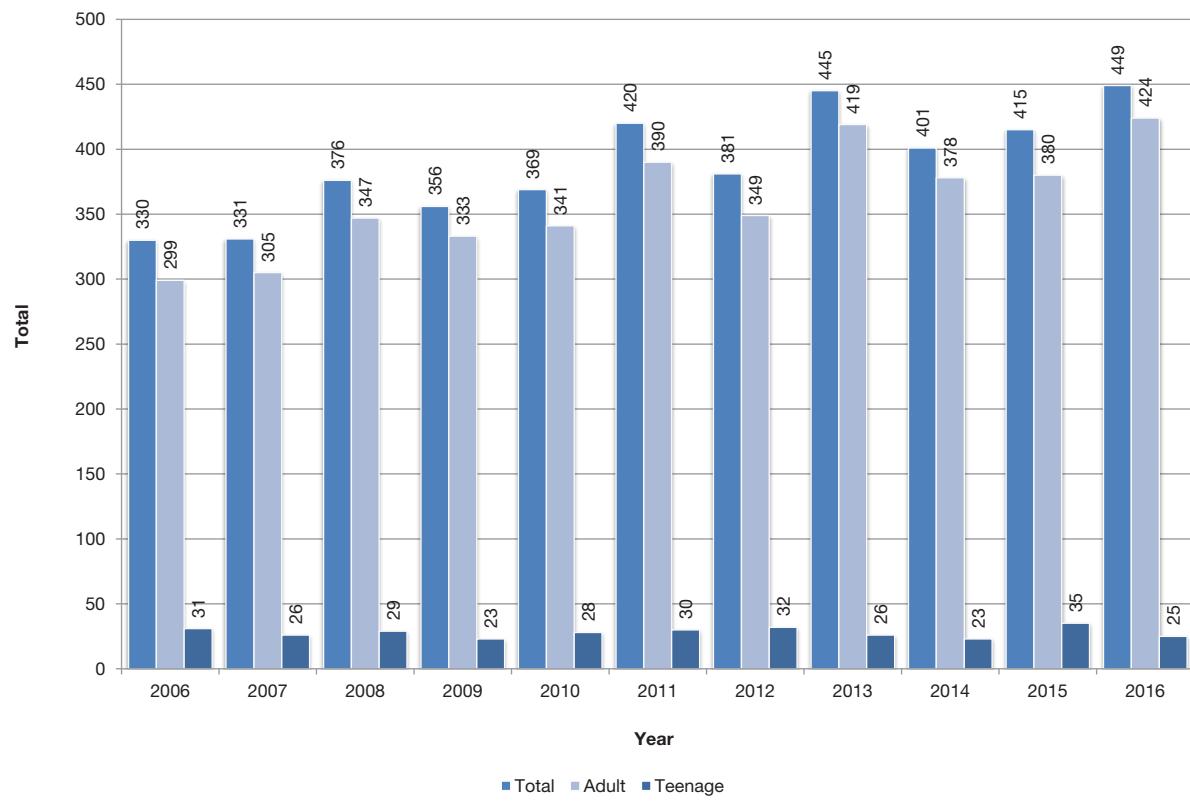
**FIGURE 17: CEREBROVASCULAR DISEASE DEATHS BY AGE AND GENDER, PERCENT DISTRIBUTION  
2016 RESIDENT DATA**



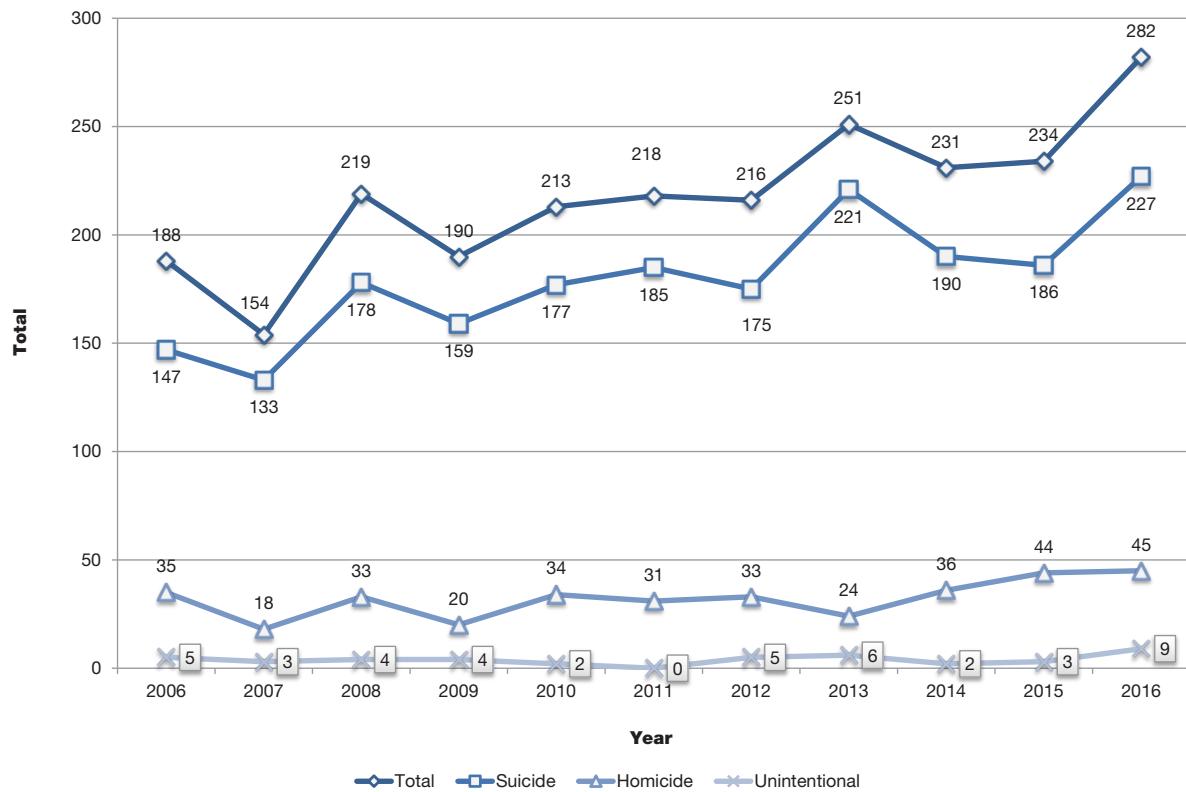
**FIGURE 18: MALIGNANT NEOPLASM DISEASE DEATHS BY AGE AND GENDER, PERCENT DISTRIBUTION  
2016 RESIDENT DATA**



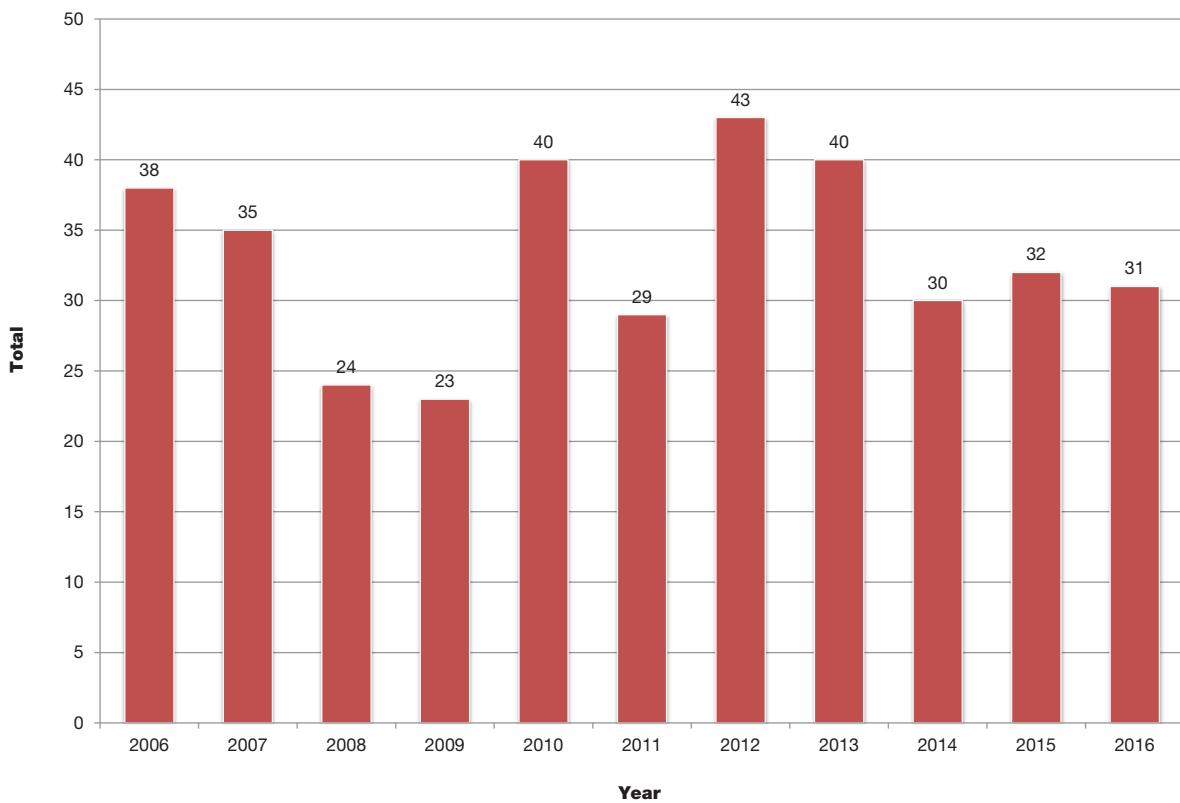
**FIGURE 19: TEENAGE AND TOTAL SUICIDE DEATHS  
2006-2016 RESIDENT DATA**



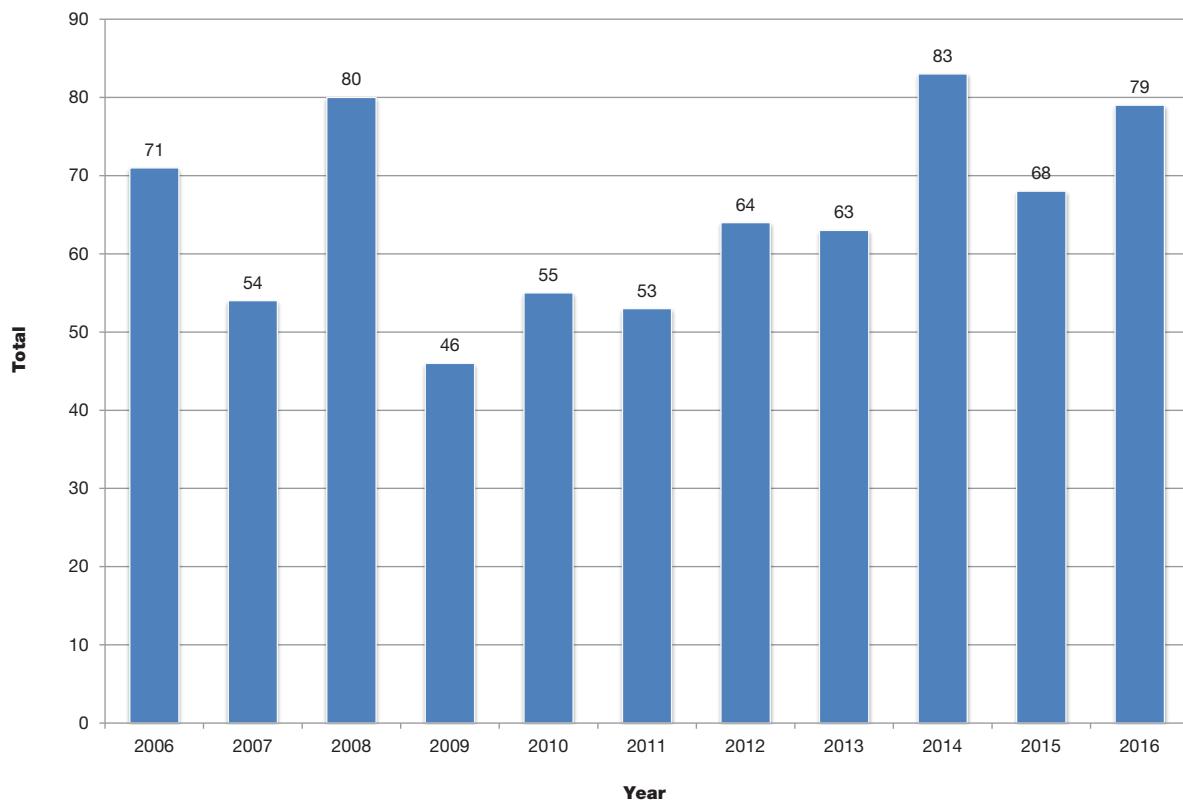
**FIGURE 20: FIREARM DEATHS BY TYPE  
2006-2016 RESIDENT DATA**



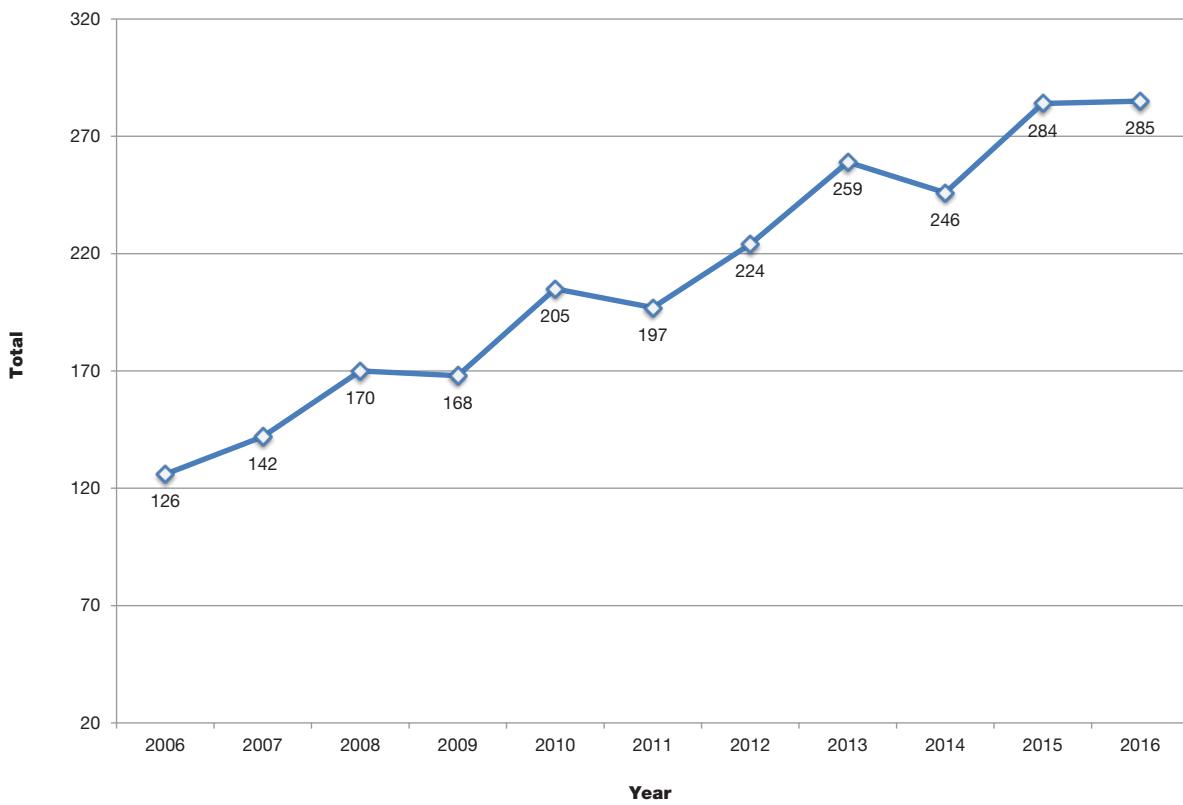
**FIGURE 21: UNINTENTIONAL DROWNING DEATHS  
2006-2016 RESIDENT DATA**



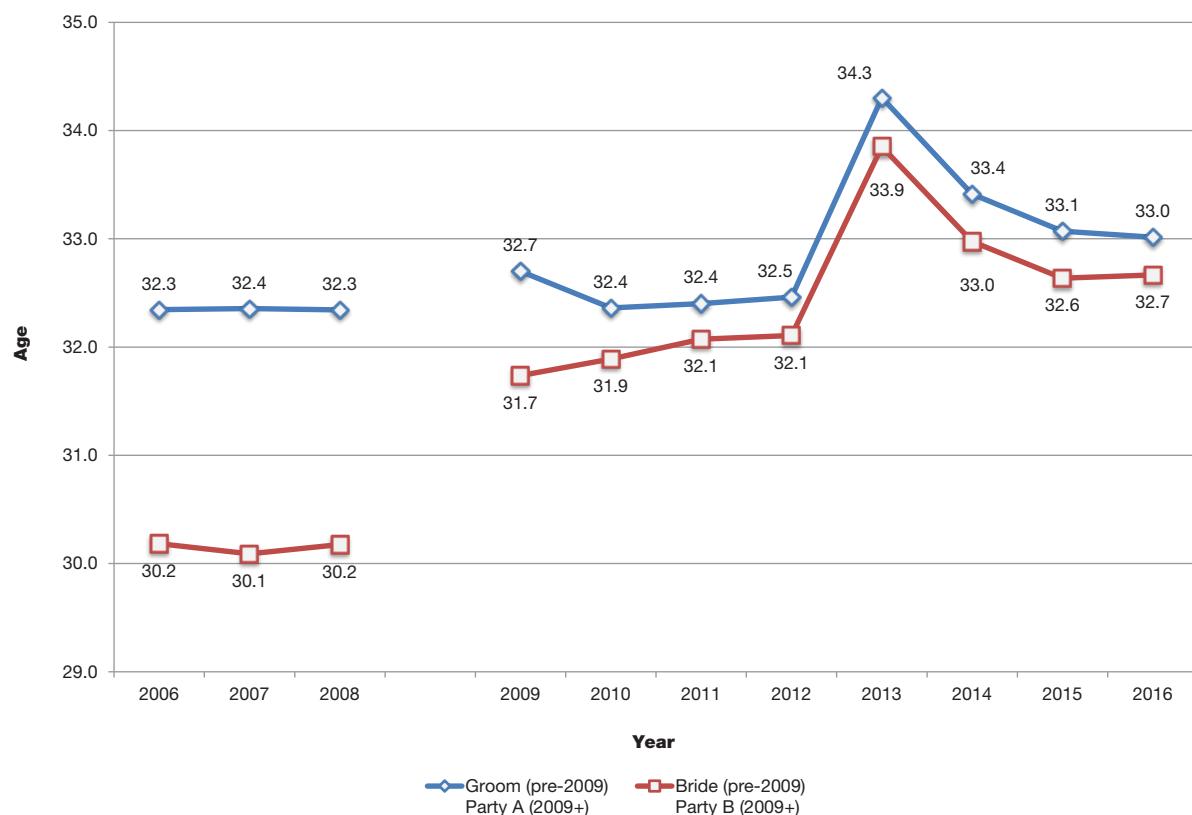
**FIGURE 22: HOMICIDE DEATHS  
2006-2016 RESIDENT DATA**



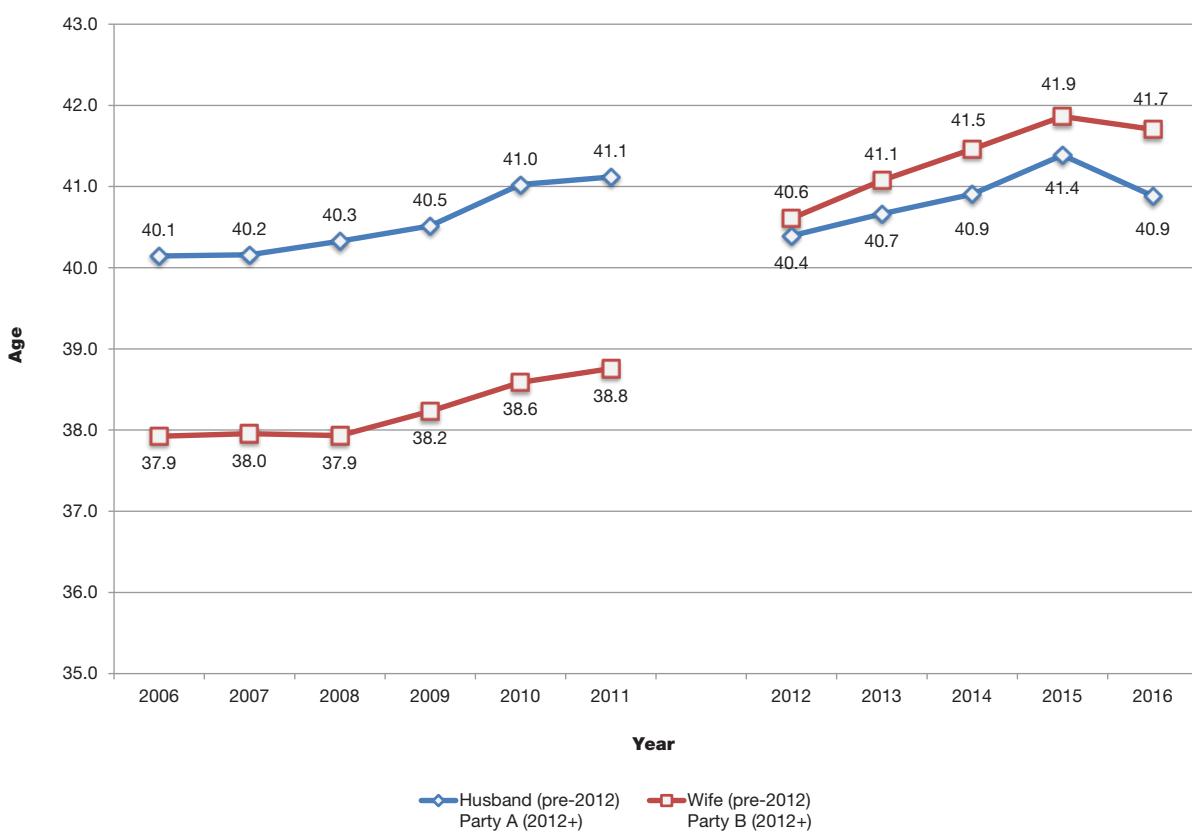
**FIGURE 23: UNINTENTIONAL POISONING DEATHS  
2006-2016 RESIDENT DATA**



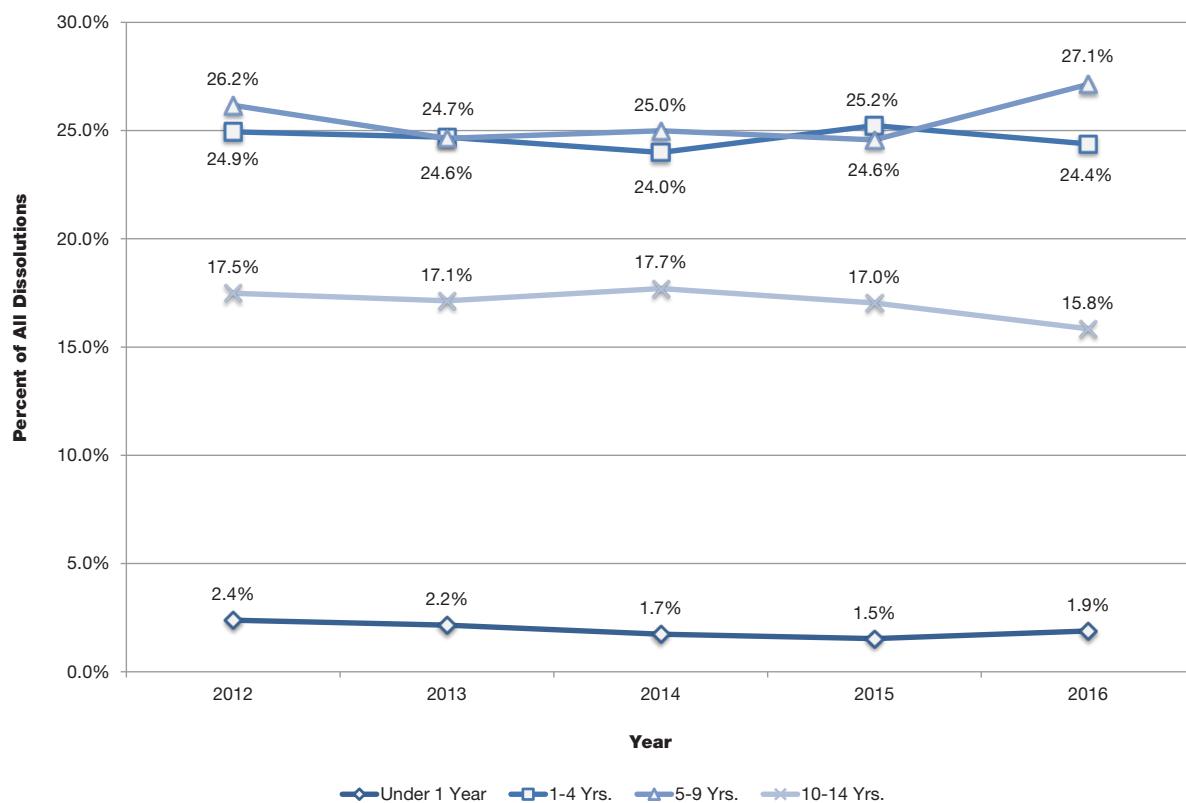
**FIGURE 24: AVERAGE AGE AT MARRIAGE  
2006-2016 OCCURRENCE DATA**



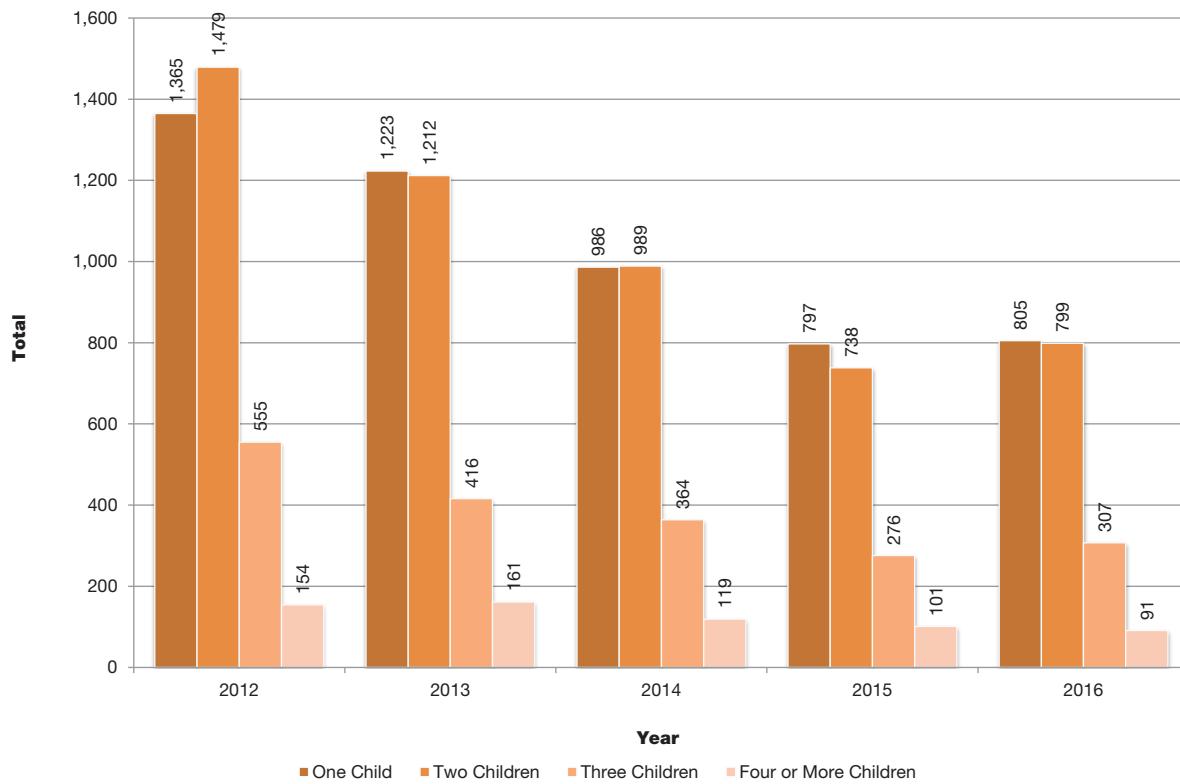
**FIGURE 25: AVERAGE AGE AT DISSOLUTION OF MARRIAGE  
2006-2016 OCCURRENCE DATA**



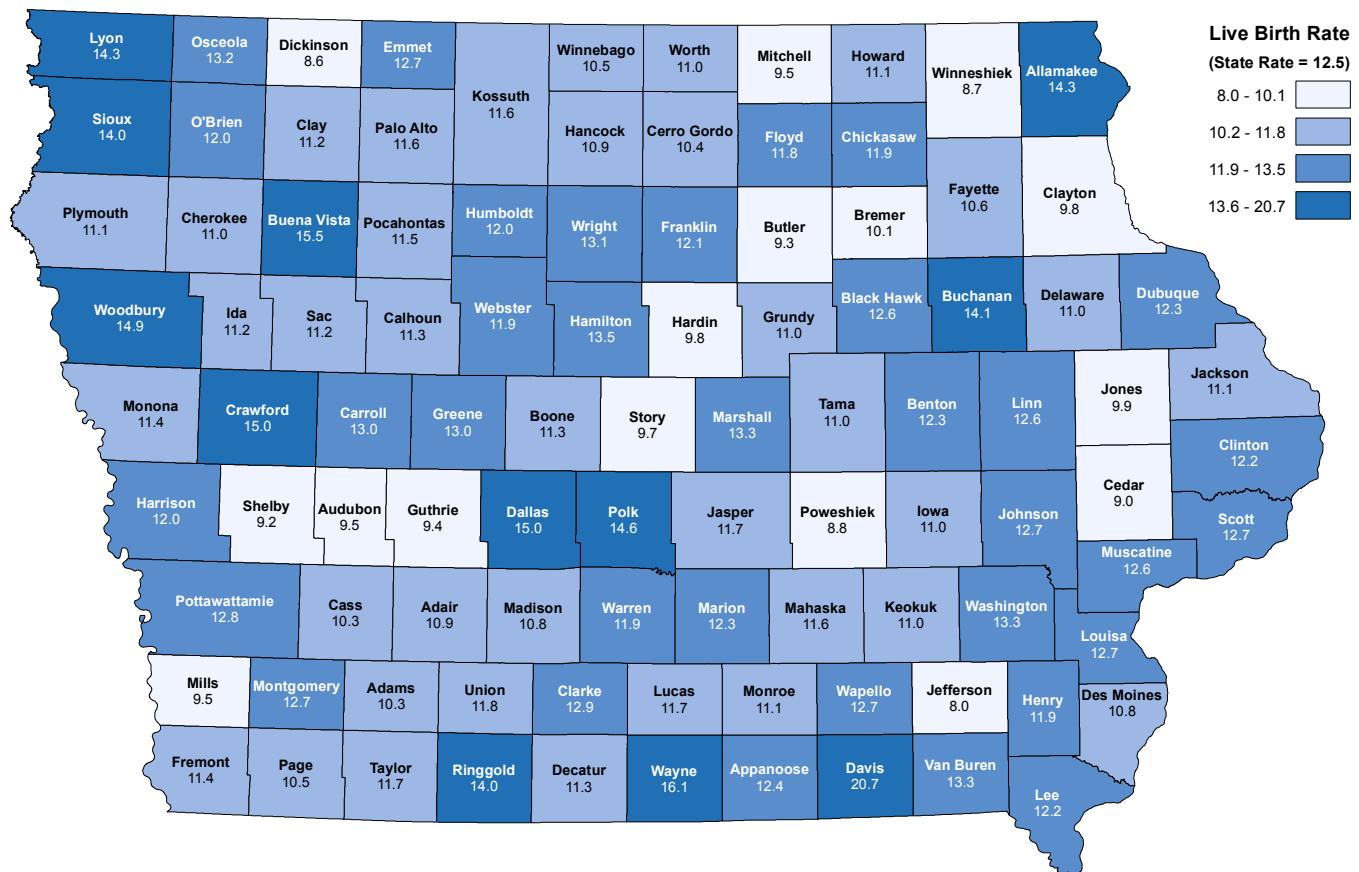
**FIGURE 26: DISSOLUTIONS WITH SELECTED DURATIONS OF MARRIAGE  
2012-2016 OCCURRENCE DATA**



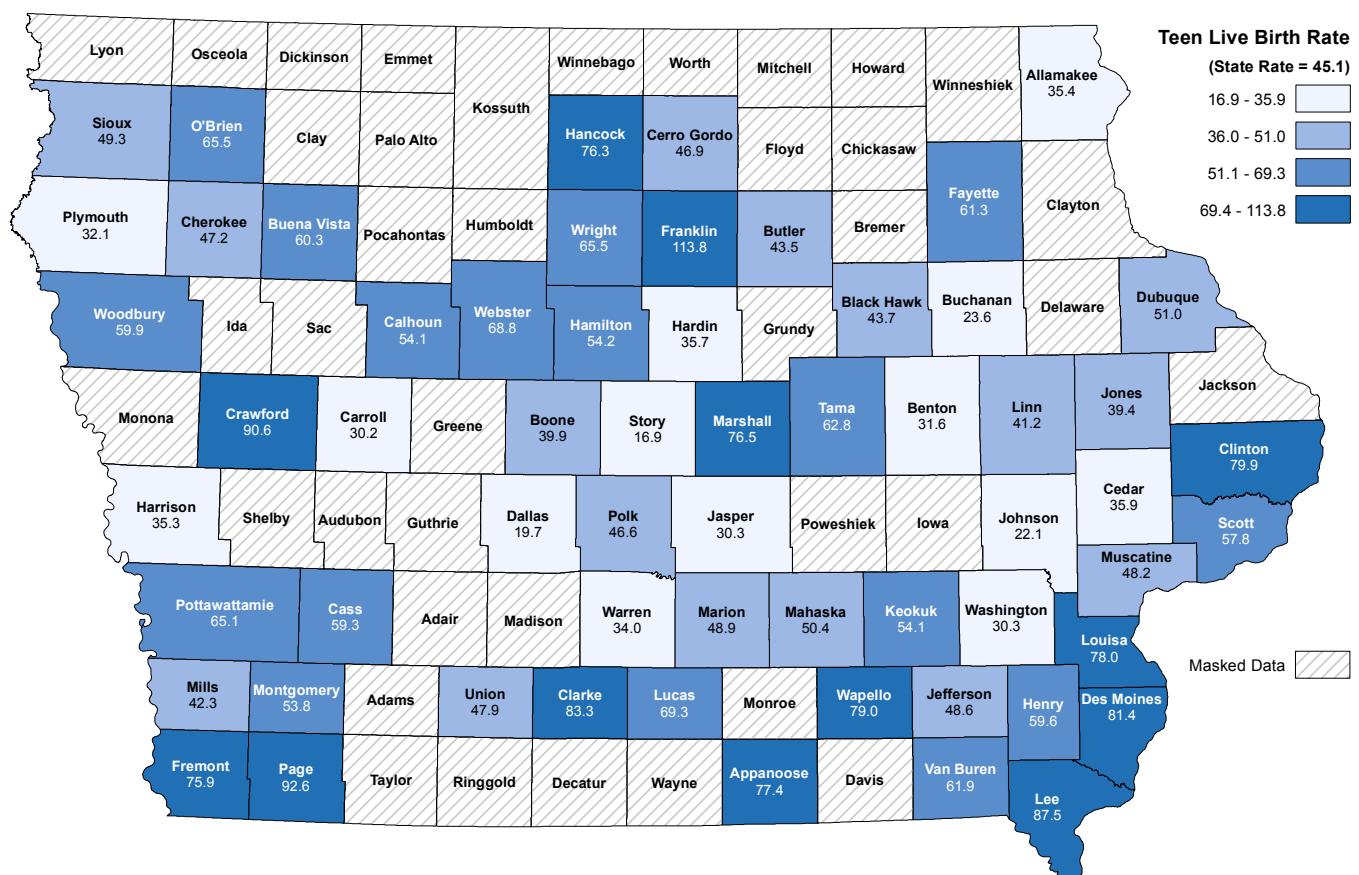
**FIGURE 27: NUMBER OF DISSOLUTIONS WITH CHILDREN UNDER 18 YEARS OF AGE INVOLVED  
2012-2016 OCCURRENCE DATA**



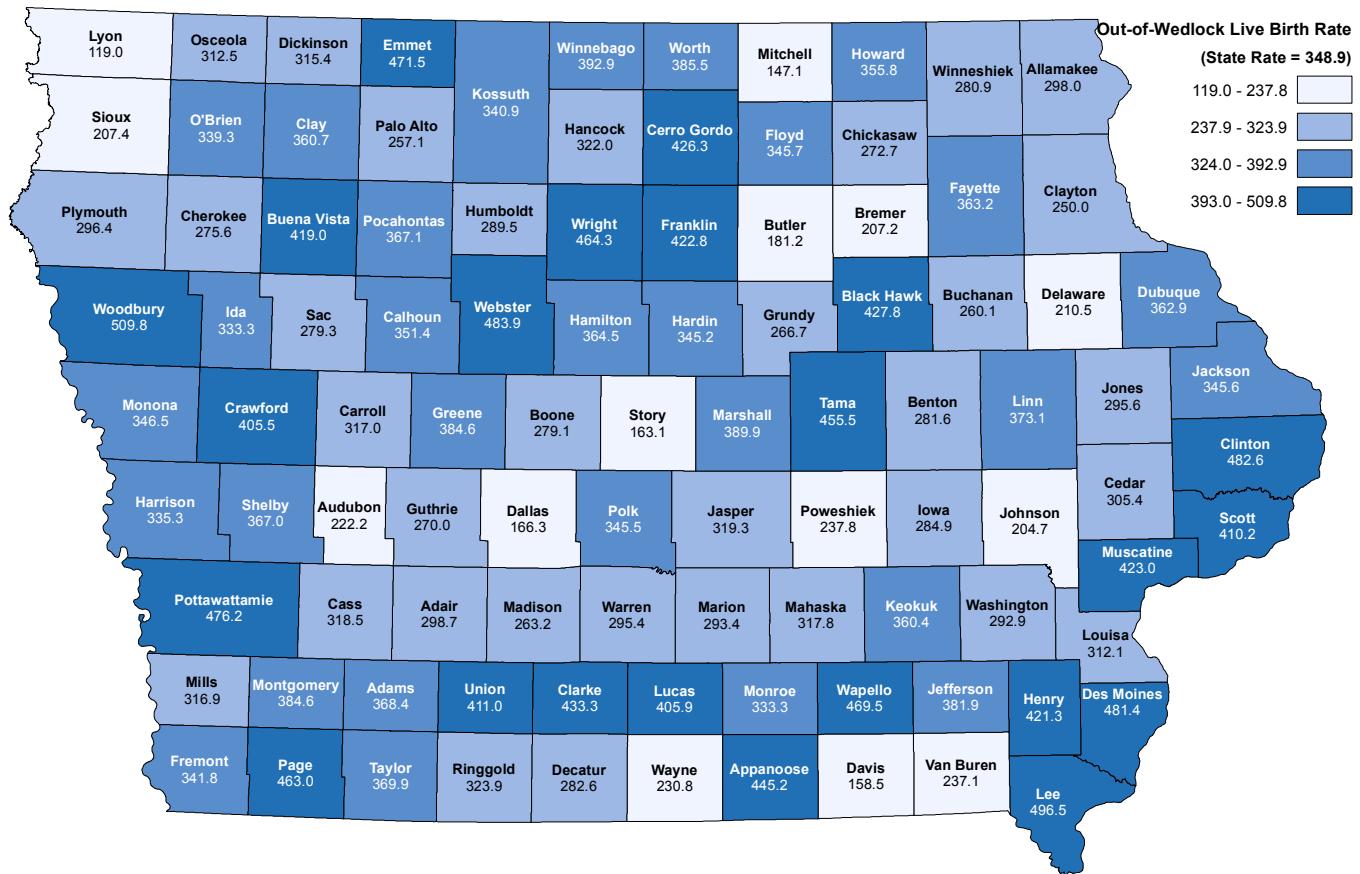
**FIGURE 28: LIVE BIRTH RATE BY COUNTY  
2016 RESIDENT DATA (RATE PER 1,000 POPULATION)**



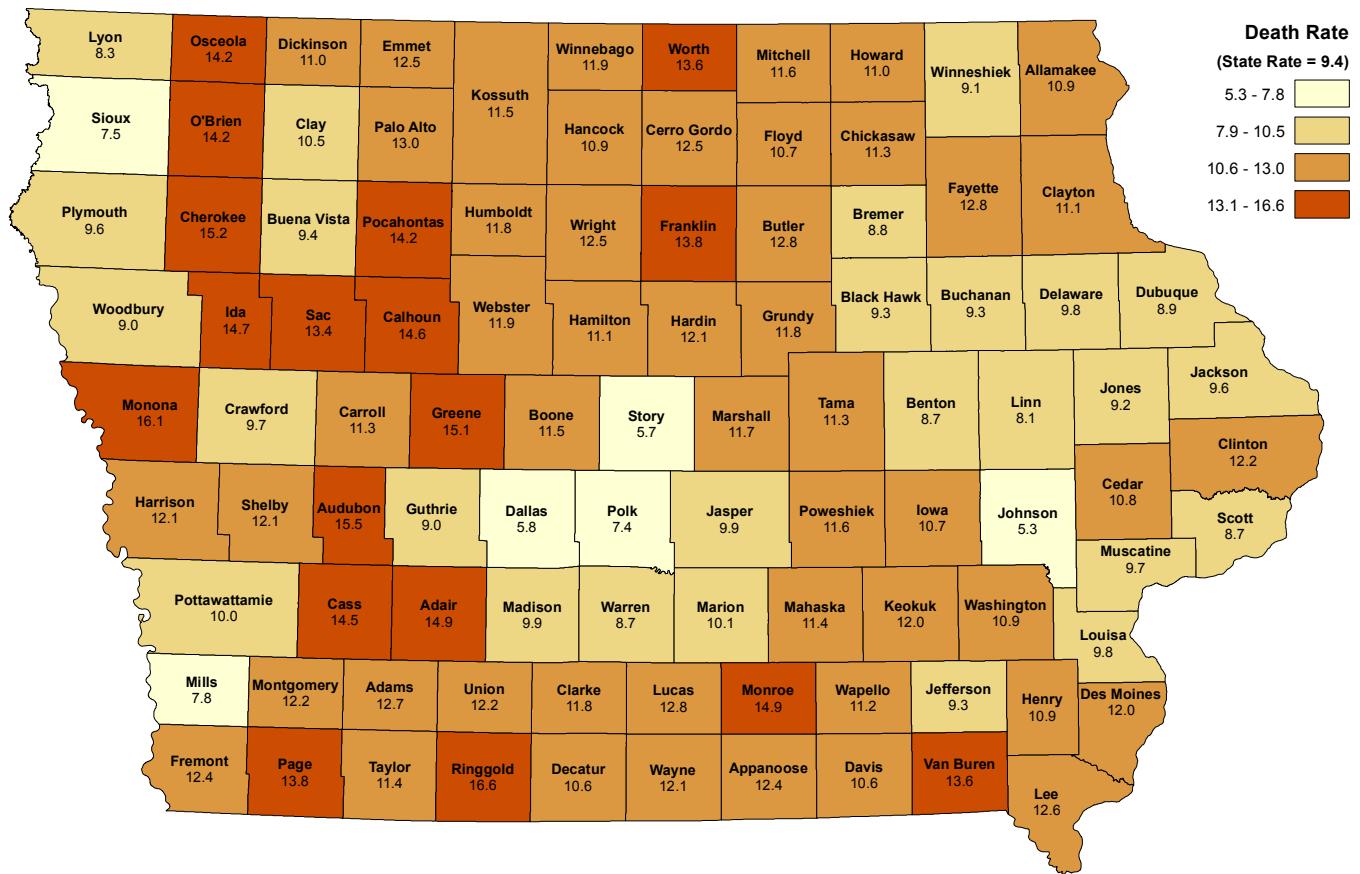
**FIGURE 29: LIVE BIRTH RATE FOR MOTHERS UNDER AGE 20 BY COUNTY  
2016 RESIDENT DATA (RATE PER 1,000 LIVE BIRTHS)**



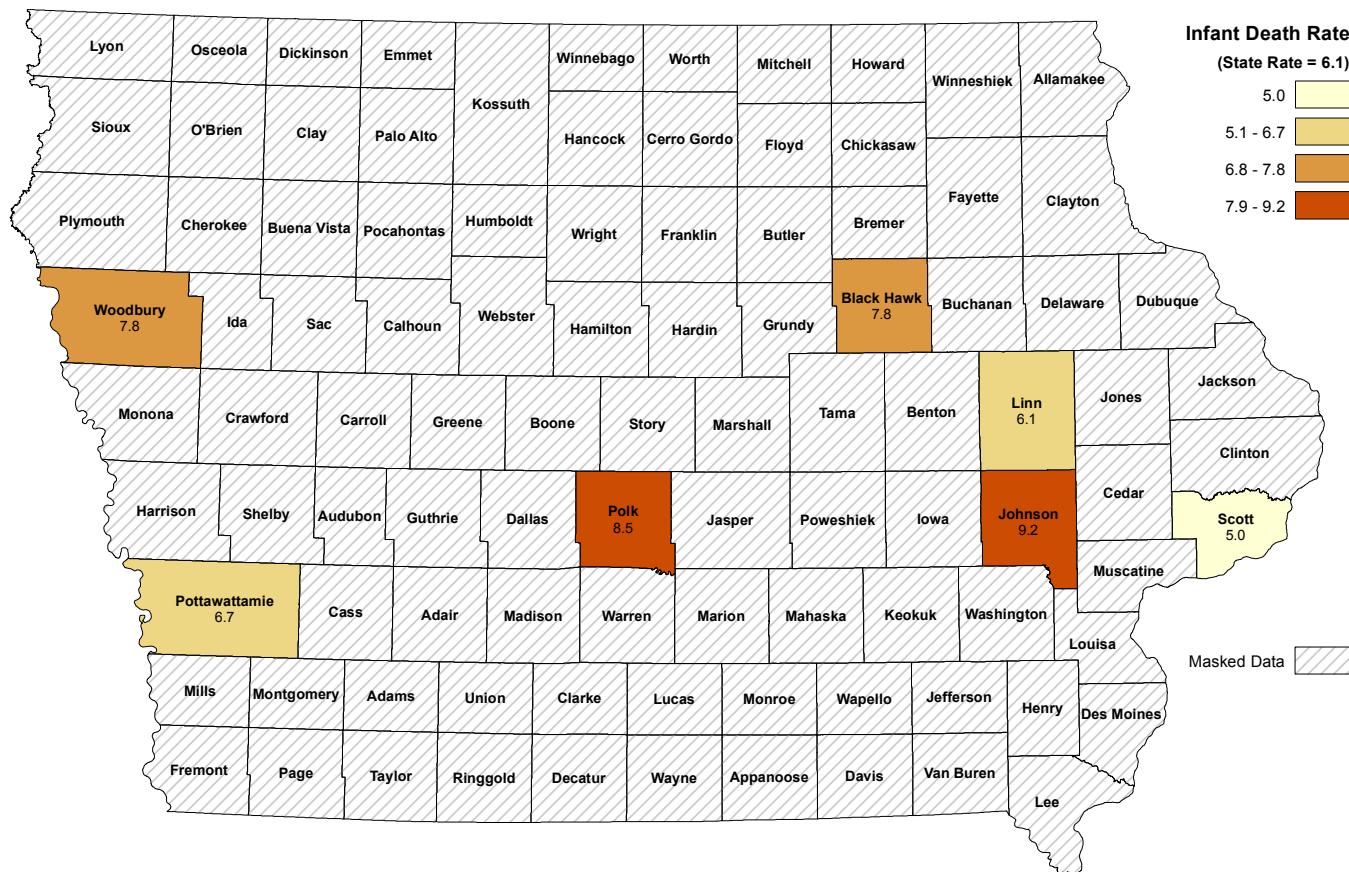
**FIGURE 30: OUT-OF-WEDLOCK LIVE BIRTH RATE BY COUNTY  
2016 RESIDENT DATA (RATE PER 1,000 LIVE BIRTHS)**



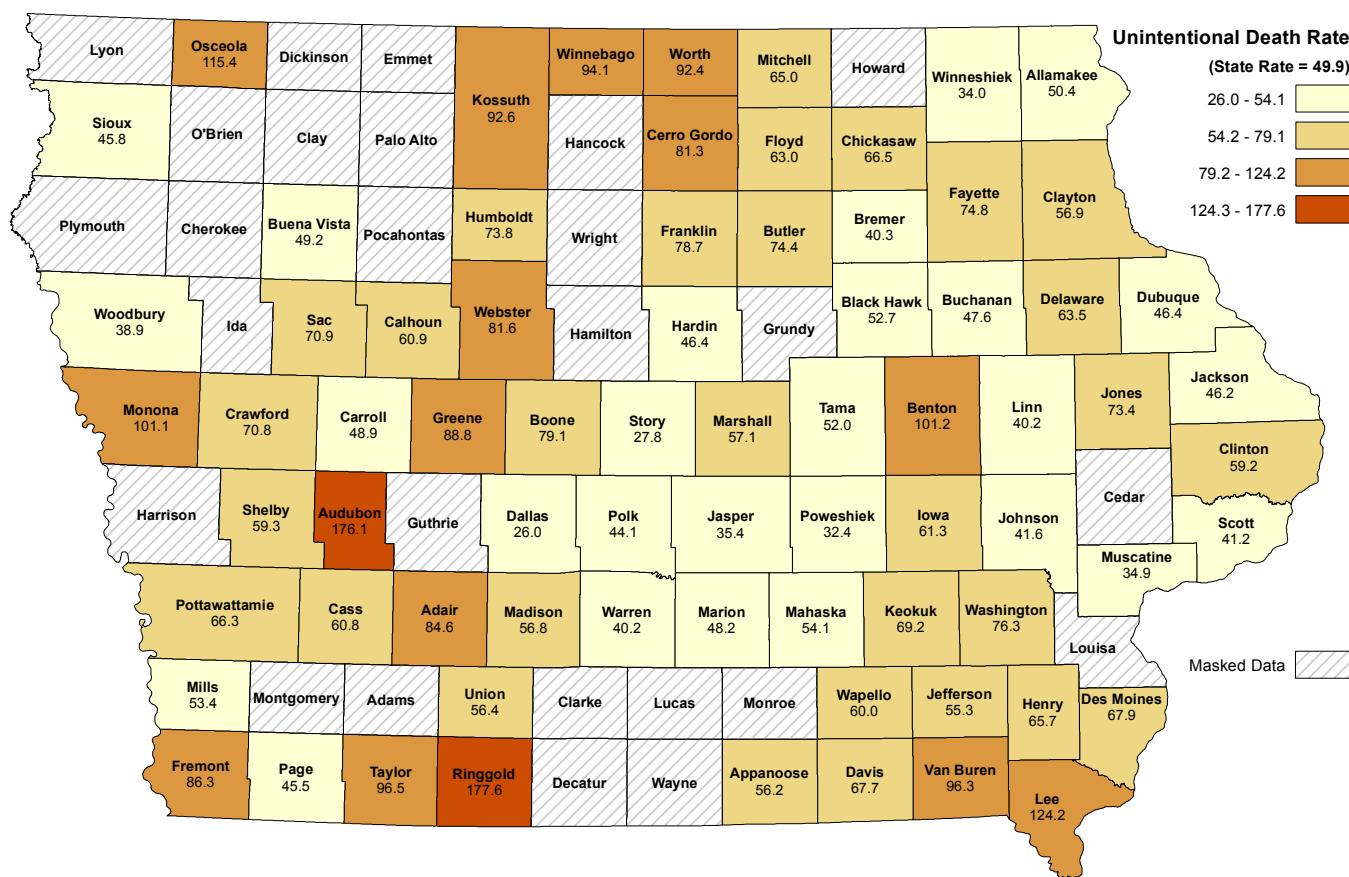
**FIGURE 31: DEATH RATE BY COUNTY  
2016 RESIDENT DATA (RATE PER 1,000 POPULATION)**



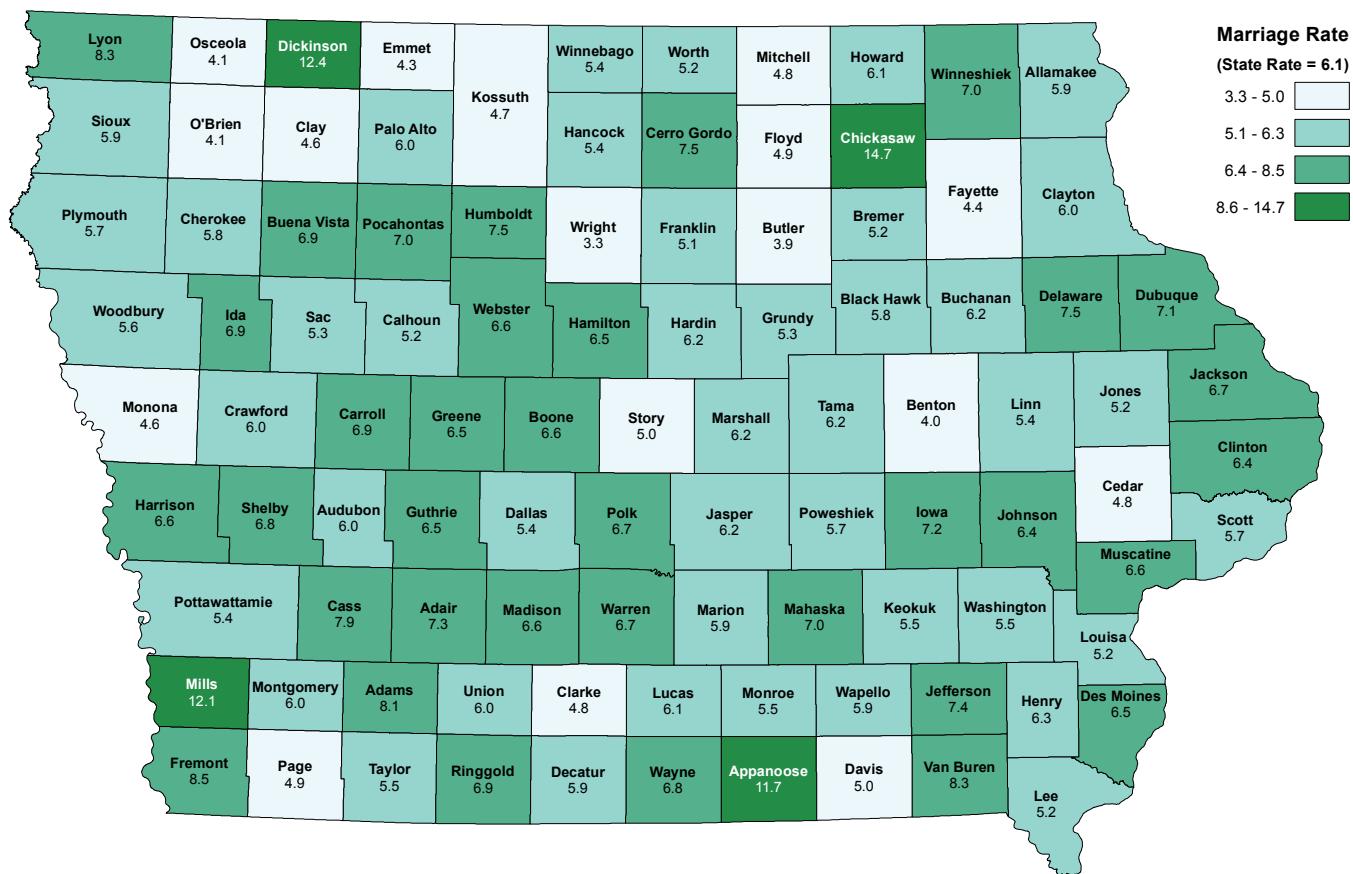
**FIGURE 32: INFANT DEATH RATE BY COUNTY  
2016 RESIDENT DATA (RATE PER 1,000 LIVE BIRTHS)**



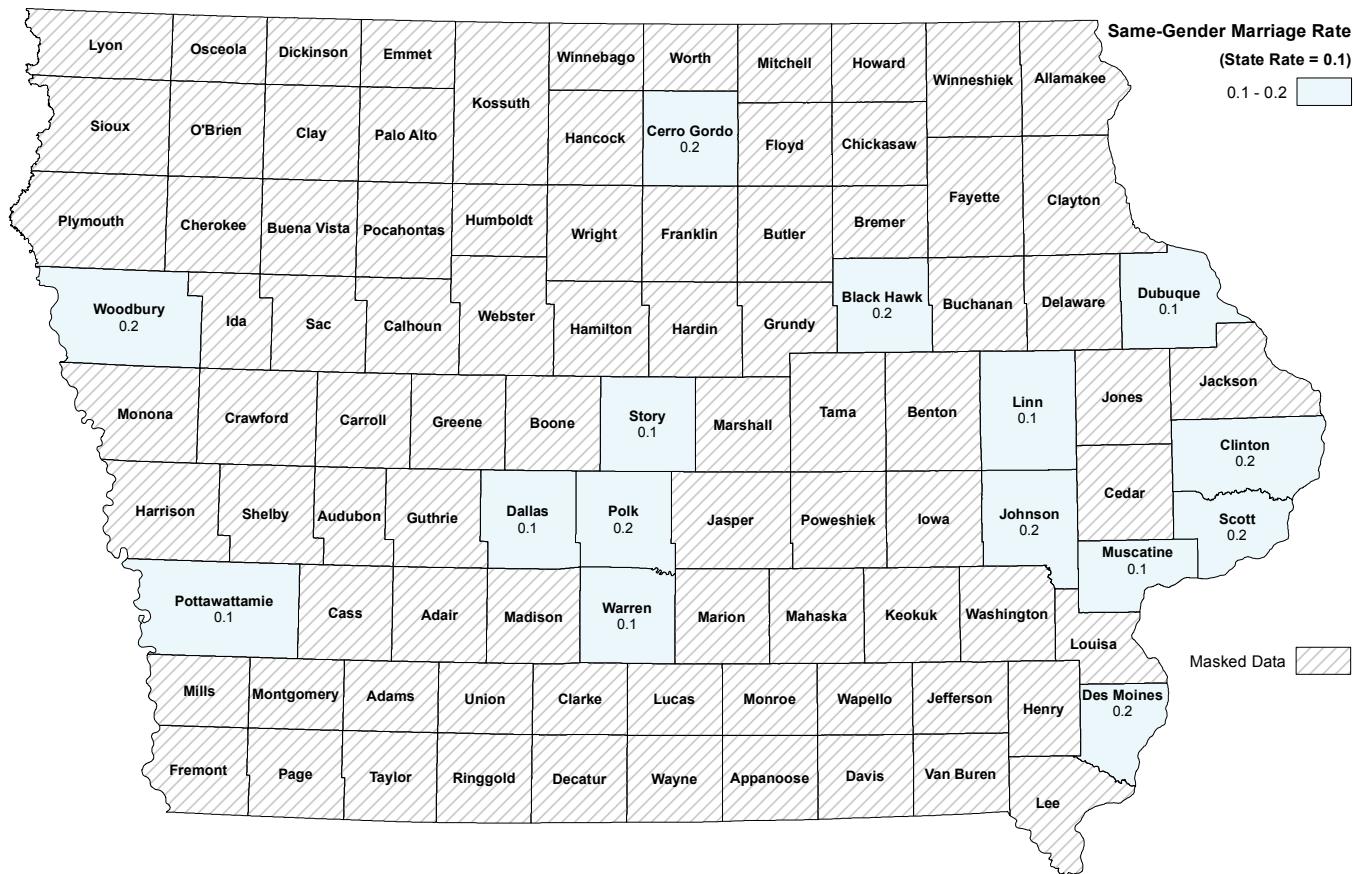
**FIGURE 33: UNINTENTIONAL INJURY DEATH RATE BY COUNTY  
2016 RESIDENT DATA (RATE PER 1,000 POPULATION)**



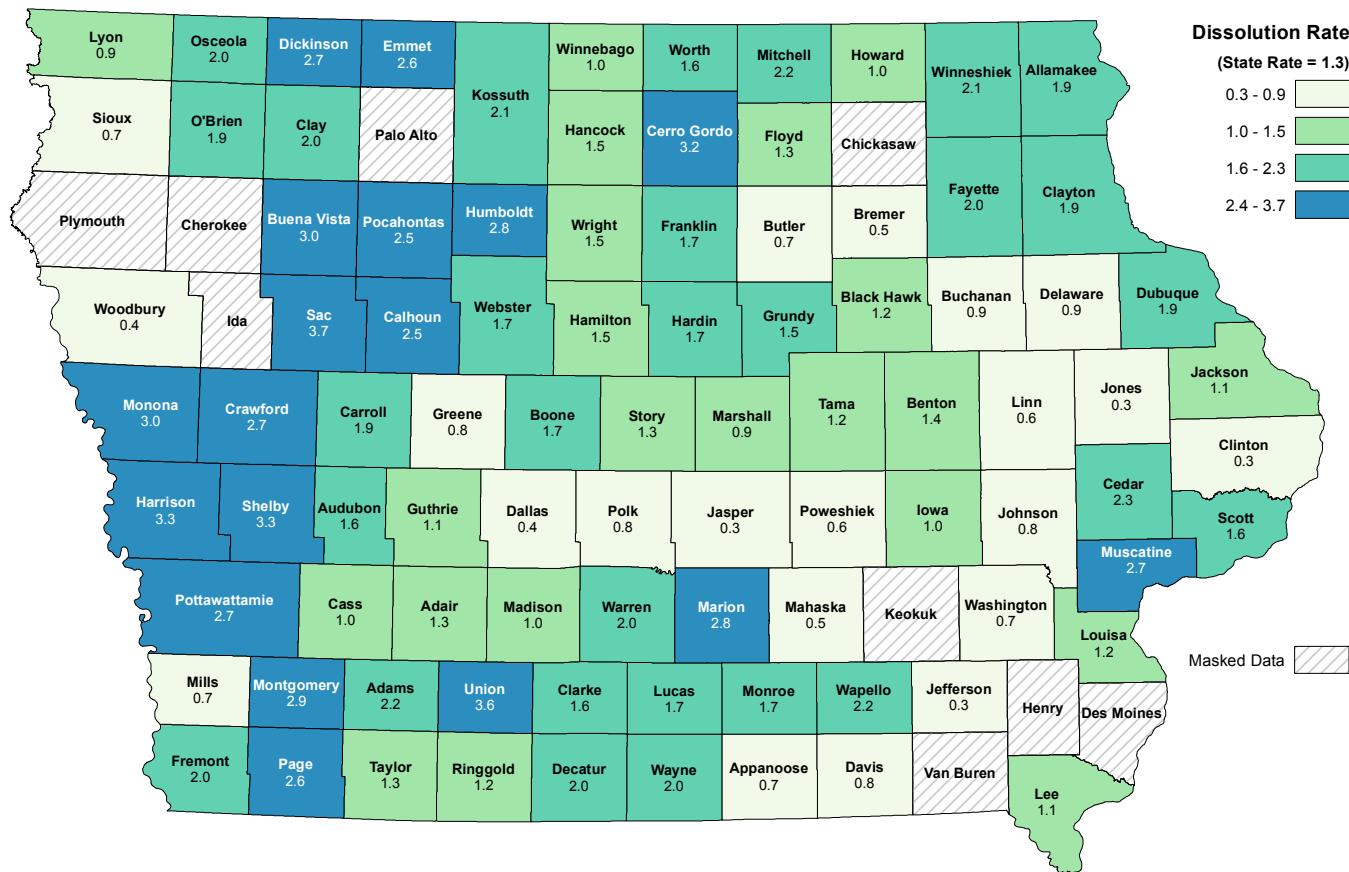
## **FIGURE 34: MARRIAGE RATE BY COUNTY 2016 OCCURRENCE DATA (RATE PER 1,000 POPULATION)**



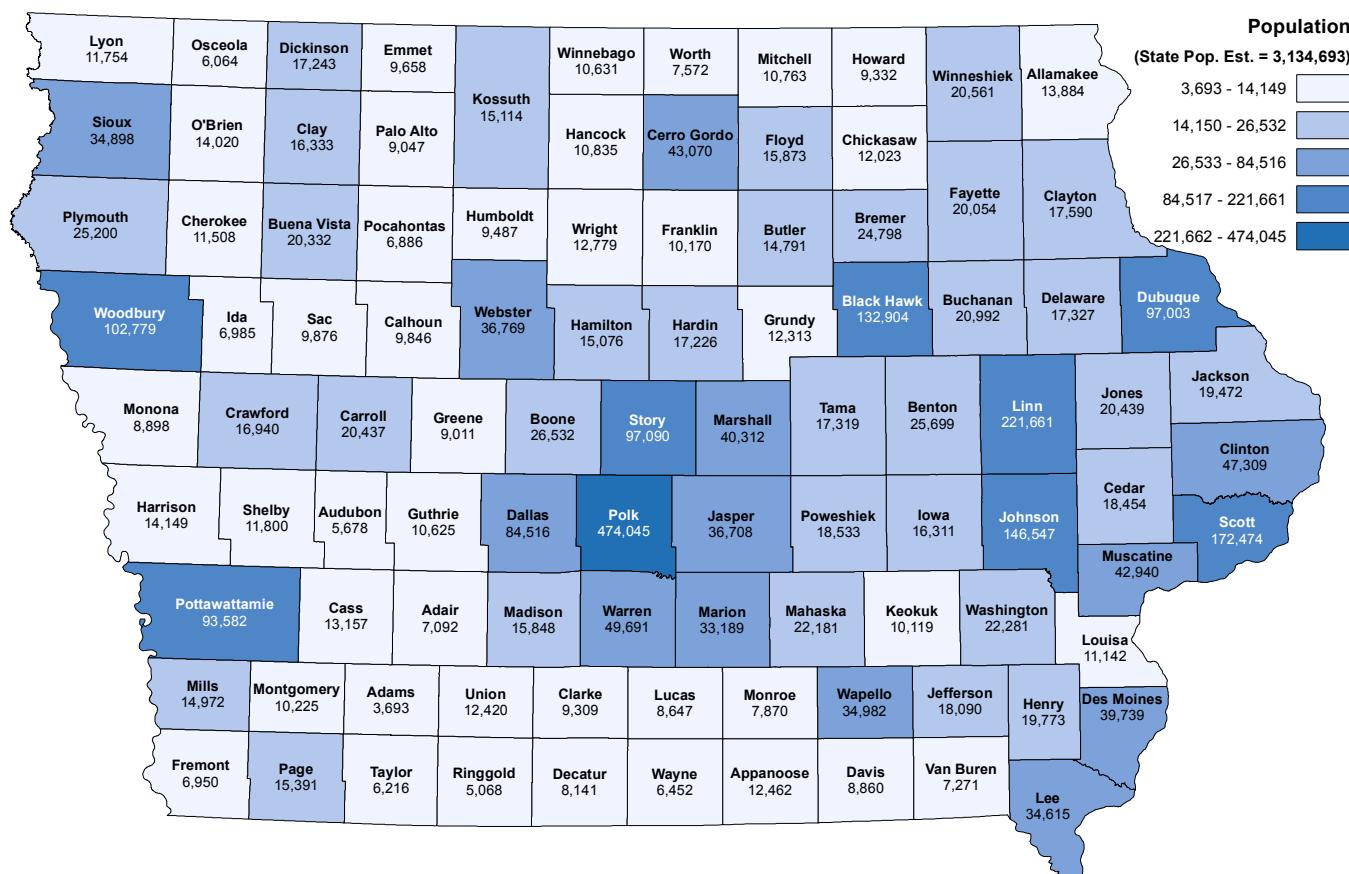
**FIGURE 35: SAME-GENDER MARRIAGE RATE BY COUNTY  
2016 OCCURRENCE DATA (RATE PER 1,000 POPULATION)**



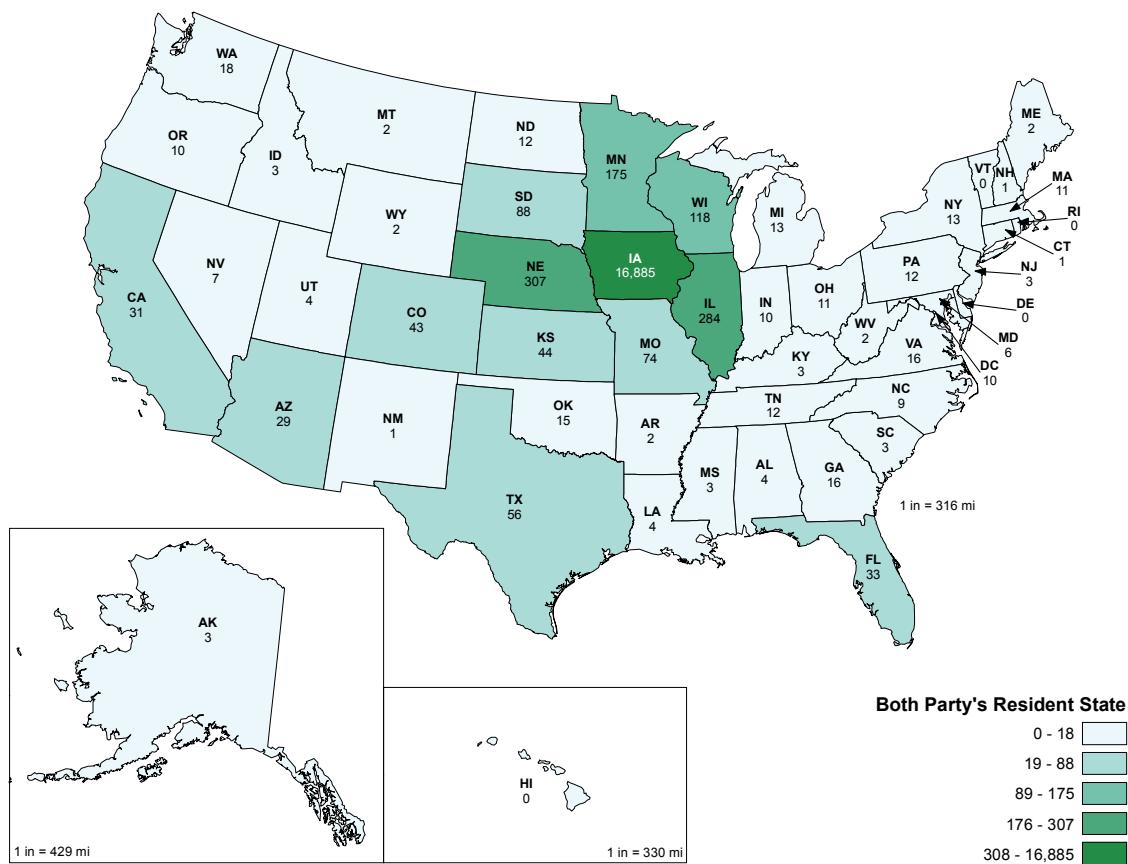
**FIGURE 36: DISSOLUTION RATE BY COUNTY  
2016 OCCURRENCE DATA (RATE PER 1,000 POPULATION)**



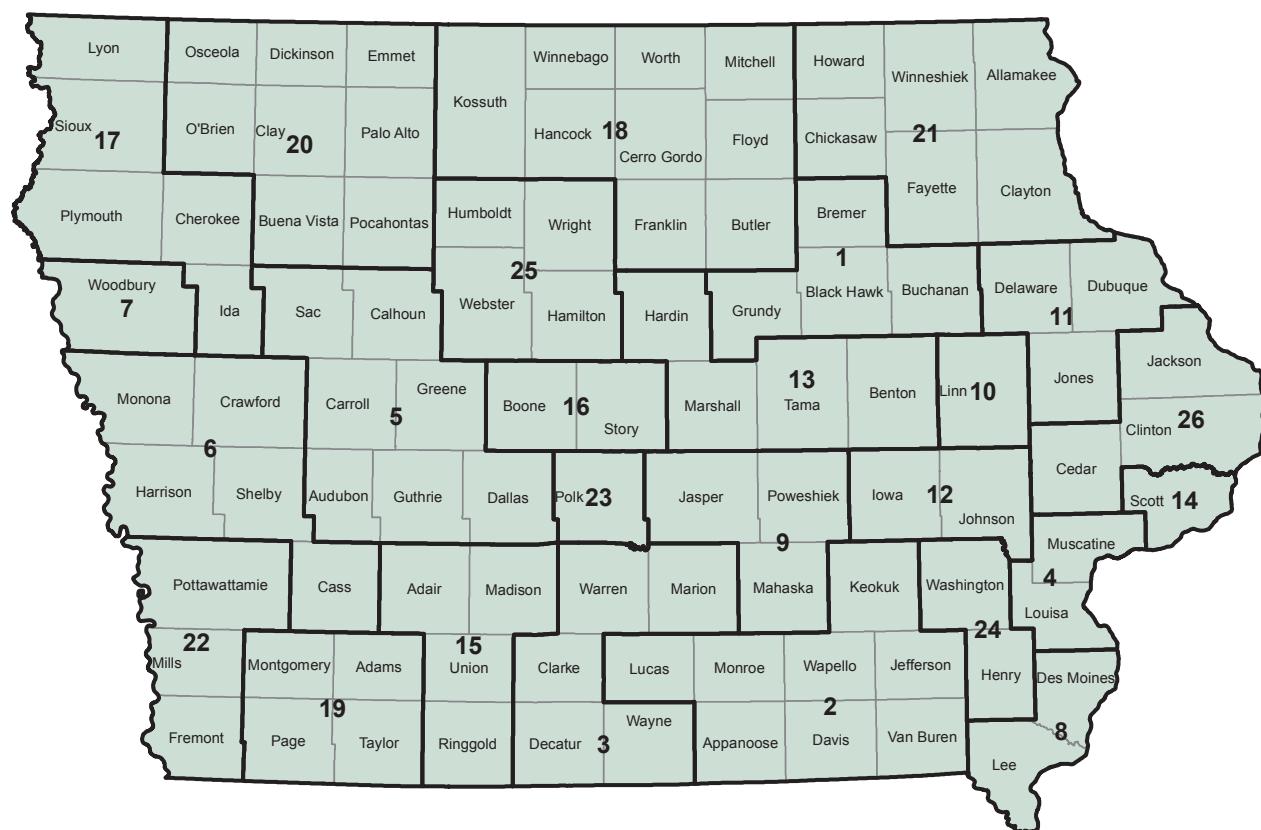
**FIGURE 37: TOTAL POPULATION BY COUNTY  
2016 RESIDENT DATA**



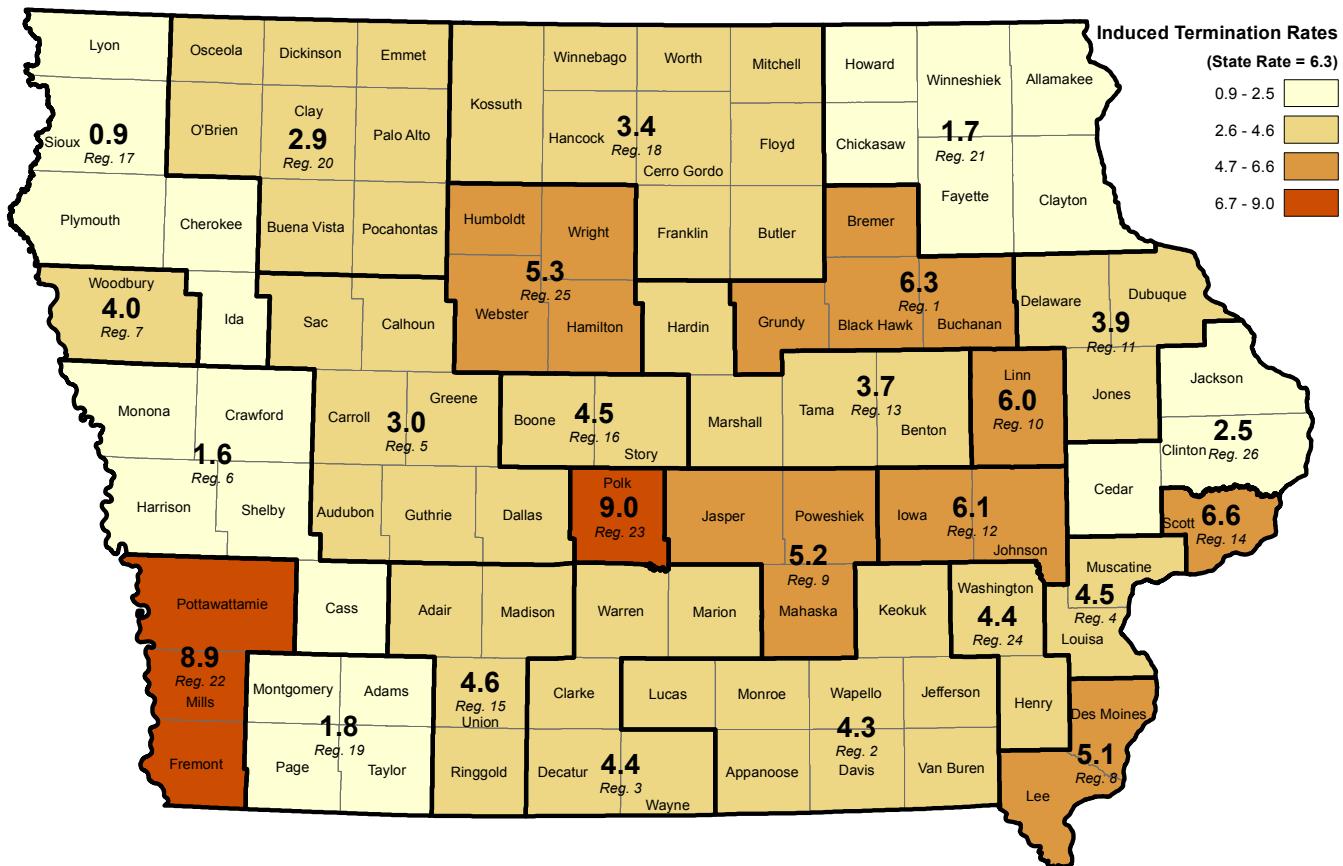
**FIGURE 38: MARRIAGE COUNT BY BOTH PARTY'S RESIDENT STATE  
2016 RESIDENT DATA**



**FIGURE 39: ITOP REPORTING REGIONS**



**FIGURE 40: INDUCED TERMINATION RATE BY ITOP REPORTING REGION  
2016 OCCURRENCE DATA (RATE PER 1,000 POPULATION)**



## TABLES

|                                                         |      |
|---------------------------------------------------------|------|
| DATA NOT AVAILABLE.....                                 | ---  |
| CATEGORY NOT APPLICABLE .....                           | ...  |
| QUANTITY 0 (ZERO).....                                  | -    |
| QUANTITY GREATER THAN 0 (ZERO) BUT LESS THAN 0.05 ..... | 0.0  |
| NOT STATED.....                                         | N.S. |

## **EXPLANATION OF VITAL EVENTS**

Statistics are based on resident data, except for marriages and dissolutions, which are recorded in the county where the events occurred.

Rates for live births, deaths, marriages, and dissolutions are calculated per 1,000 estimated population; selected causes of death rates are per 100,000 population.

Rates of out-of-wedlock live births, mothers under age 20, low birth weight, live births, congenital malformations, fetal deaths, neonatal deaths, perinatal deaths and infant deaths are per 1,000 live births. Maternal deaths are per 100,000 live births.



**TABLE 1**  
**SUMMARY OF VITAL STATISTICS BY EVENT BY MONTH**  
**2016 RESIDENT DATA**

**Natality**

| Event                                 | Total         | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
|---------------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Total Live Births</b>              | <b>39,223</b> | <b>3,081</b> | <b>2,951</b> | <b>3,334</b> | <b>3,243</b> | <b>3,368</b> | <b>3,327</b> | <b>3,399</b> | <b>3,535</b> | <b>3,381</b> | <b>3,191</b> | <b>3,184</b> | <b>3,229</b> |
| Male                                  | 19,913        | 1,596        | 1,518        | 1,702        | 1,635        | 1,728        | 1,648        | 1,751        | 1,769        | 1,722        | 1,610        | 1,582        | 1,652        |
| Female                                | 19,310        | 1,485        | 1,433        | 1,632        | 1,608        | 1,640        | 1,679        | 1,648        | 1,766        | 1,659        | 1,581        | 1,602        | 1,577        |
| <b>White</b>                          | <b>33,506</b> | <b>2,609</b> | <b>2,508</b> | <b>2,886</b> | <b>2,775</b> | <b>2,877</b> | <b>2,889</b> | <b>2,881</b> | <b>3,043</b> | <b>2,875</b> | <b>2,721</b> | <b>2,712</b> | <b>2,730</b> |
| Male                                  | 17,041        | 1,339        | 1,295        | 1,492        | 1,407        | 1,467        | 1,416        | 1,495        | 1,539        | 1,449        | 1,372        | 1,361        | 1,409        |
| Female                                | 16,465        | 1,270        | 1,213        | 1,394        | 1,368        | 1,410        | 1,473        | 1,386        | 1,504        | 1,426        | 1,349        | 1,351        | 1,321        |
| <b>African American</b>               | <b>2,681</b>  | <b>229</b>   | <b>226</b>   | <b>193</b>   | <b>221</b>   | <b>216</b>   | <b>204</b>   | <b>243</b>   | <b>234</b>   | <b>238</b>   | <b>215</b>   | <b>237</b>   | <b>225</b>   |
| Male                                  | 1,302         | 120          | 100          | 86           | 102          | 127          | 110          | 114          | 110          | 127          | 105          | 107          | 94           |
| Female                                | 1,379         | 109          | 126          | 107          | 119          | 89           | 94           | 129          | 124          | 111          | 110          | 130          | 131          |
| <b>Asian/Pacific Islander</b>         | <b>1,403</b>  | <b>115</b>   | <b>108</b>   | <b>122</b>   | <b>125</b>   | <b>140</b>   | <b>103</b>   | <b>120</b>   | <b>104</b>   | <b>120</b>   | <b>116</b>   | <b>104</b>   | <b>126</b>   |
| Male                                  | 719           | 62           | 65           | 59           | 66           | 72           | 56           | 54           | 44           | 67           | 54           | 57           | 63           |
| Female                                | 684           | 53           | 43           | 63           | 59           | 68           | 47           | 66           | 60           | 53           | 62           | 47           | 63           |
| <b>Other</b>                          | <b>1,633</b>  | <b>128</b>   | <b>109</b>   | <b>133</b>   | <b>122</b>   | <b>135</b>   | <b>131</b>   | <b>155</b>   | <b>154</b>   | <b>148</b>   | <b>139</b>   | <b>131</b>   | <b>148</b>   |
| Male                                  | 851           | 75           | 58           | 65           | 60           | 62           | 66           | 88           | 76           | 79           | 79           | 57           | 86           |
| Female                                | 782           | 53           | 51           | 68           | 62           | 73           | 65           | 67           | 78           | 69           | 60           | 74           | 62           |
| <b>Hispanic**</b>                     | <b>3,402</b>  | <b>255</b>   | <b>257</b>   | <b>297</b>   | <b>287</b>   | <b>306</b>   | <b>268</b>   | <b>312</b>   | <b>304</b>   | <b>309</b>   | <b>278</b>   | <b>236</b>   | <b>293</b>   |
| Male                                  | 1,734         | 139          | 124          | 150          | 140          | 153          | 137          | 162          | 154          | 162          | 148          | 110          | 155          |
| Female                                | 1,668         | 116          | 133          | 147          | 147          | 153          | 131          | 150          | 150          | 147          | 130          | 126          | 138          |
| <b>Out-of-Wedlock<br/>Live Births</b> | <b>13,683</b> | <b>1,075</b> | <b>1,096</b> | <b>1,151</b> | <b>1,110</b> | <b>1,158</b> | <b>1,086</b> | <b>1,240</b> | <b>1,229</b> | <b>1,175</b> | <b>1,122</b> | <b>1,114</b> | <b>1,127</b> |

**Mortality**

| Event                  | Total         | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
|------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Total Deaths</b>    | <b>29,512</b> | <b>2,730</b> | <b>2,489</b> | <b>2,479</b> | <b>2,453</b> | <b>2,391</b> | <b>2,242</b> | <b>2,277</b> | <b>2,361</b> | <b>2,343</b> | <b>2,513</b> | <b>2,456</b> | <b>2,778</b> |
| <b>Gender</b>          | <b>29,512</b> | <b>2,730</b> | <b>2,489</b> | <b>2,479</b> | <b>2,453</b> | <b>2,391</b> | <b>2,242</b> | <b>2,277</b> | <b>2,361</b> | <b>2,343</b> | <b>2,513</b> | <b>2,456</b> | <b>2,778</b> |
| Male                   | 14,648        | 1,357        | 1,191        | 1,208        | 1,222        | 1,211        | 1,069        | 1,133        | 1,181        | 1,184        | 1,267        | 1,250        | 1,375        |
| Female                 | 14,864        | 1,373        | 1,298        | 1,271        | 1,231        | 1,180        | 1,173        | 1,144        | 1,180        | 1,159        | 1,246        | 1,206        | 1,403        |
| <b>Race</b>            | <b>29,512</b> | <b>2,730</b> | <b>2,489</b> | <b>2,479</b> | <b>2,453</b> | <b>2,391</b> | <b>2,242</b> | <b>2,277</b> | <b>2,361</b> | <b>2,343</b> | <b>2,513</b> | <b>2,456</b> | <b>2,778</b> |
| White                  | 28,549        | 2,647        | 2,418        | 2,413        | 2,381        | 2,316        | 2,158        | 2,193        | 2,283        | 2,258        | 2,440        | 2,364        | 2,678        |
| African American       | 626           | 53           | 45           | 44           | 50           | 45           | 53           | 63           | 45           | 57           | 48           | 59           | 64           |
| Asian/Pacific Islander | 164           | 15           | 14           | 11           | 10           | 19           | 18           | 10           | 11           | 12           | 12           | 13           | 19           |
| Other                  | 173           | 15           | 12           | 11           | 12           | 11           | 13           | 11           | 22           | 16           | 13           | 20           | 17           |
| <b>Marital Status</b>  | <b>29,512</b> | <b>2,730</b> | <b>2,489</b> | <b>2,479</b> | <b>2,453</b> | <b>2,391</b> | <b>2,242</b> | <b>2,277</b> | <b>2,361</b> | <b>2,343</b> | <b>2,513</b> | <b>2,456</b> | <b>2,778</b> |
| Single                 | 3,113         | 257          | 254          | 265          | 264          | 259          | 231          | 241          | 246          | 241          | 277          | 262          | 316          |
| Married                | 11,190        | 1,041        | 879          | 951          | 930          | 915          | 856          | 887          | 918          | 937          | 954          | 902          | 1,020        |
| Widowed                | 11,022        | 1,065        | 997          | 938          | 910          | 878          | 817          | 816          | 862          | 841          | 891          | 944          | 1,063        |
| Divorced               | 4,124         | 364          | 353          | 321          | 343          | 338          | 333          | 328          | 331          | 318          | 382          | 339          | 374          |
| Not Stated             | 63            | 3            | 6            | 4            | 6            | 1            | 5            | 5            | 4            | 6            | 9            | 9            | 5            |

**Family Formation and Dissolution**

| Event                   | Total         | Jan        | Feb        | Mar        | Apr          | May          | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
|-------------------------|---------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Marriages*</b>       | <b>19,277</b> | <b>659</b> | <b>694</b> | <b>781</b> | <b>1,300</b> | <b>1,748</b> | <b>2,490</b> | <b>2,229</b> | <b>2,079</b> | <b>2,553</b> | <b>2,608</b> | <b>1,063</b> | <b>1,073</b> |
| Same-Gender Marriages * | 415           | 16         | 15         | 22         | 21           | 42           | 45           | 32           | 36           | 60           | 58           | 35           | 33           |
| <b>Dissolutions*</b>    | <b>3,932</b>  | <b>302</b> | <b>300</b> | <b>294</b> | <b>310</b>   | <b>329</b>   | <b>328</b>   | <b>336</b>   | <b>342</b>   | <b>298</b>   | <b>279</b>   | <b>338</b>   | <b>476</b>   |

\* Occurrence data.

\*\* Those of Hispanic ethnicity may be of any race and are also included in the counts of live births by race.

**TABLE 2**  
**POPULATION, LIVE BIRTHS (TOTAL AND OUT-OF-WEDLOCK), DEATHS (TOTAL, INFANT,  
 NEONATAL, FETAL, AND MATERNAL), MARRIAGES AND DISSOLUTIONS, BY YEAR 1915-2016**

| Year | Population | Live Births |                | Deaths |        |          |       |          | Social Categories |                        |               |
|------|------------|-------------|----------------|--------|--------|----------|-------|----------|-------------------|------------------------|---------------|
|      |            | Total       | Out-of-Wedlock | Total  | Infant | Neonatal | Fetal | Maternal | Marriages*        | Same-Gender Marriages* | Dissolutions* |
| 2016 | 3,134,693  | 39,223      | 13,683         | 29,512 | 240    | 148      | 177   | 12       | 19,277            | 415                    | 3,932         |
| 2015 | 3,123,899  | 39,467      | 13,906         | 28,548 | 148    | 88       | 171   | 9        | 19,540            | 534                    | 3,785         |
| 2014 | 3,107,126  | 39,685      | 13,948         | 29,088 | 191    | 123      | 178   | 9        | 21,327            | 1,813                  | 4,677         |
| 2013 | 3,090,416  | 39,013      | 13,436         | 28,815 | 162    | 105      | 169   | 9        | 22,841            | 3,397                  | 5,766         |
| 2012 | 3,074,186  | 38,686      | 13,446         | 28,301 | 205    | 126      | 174   | 8        | 20,986            | 1,247                  | 6,715         |
| 2011 | 3,062,309  | 38,204      | 12,916         | 28,103 | 181    | 111      | 174   | 8        | 20,567            | 1,302                  | 7,416         |
| 2010 | 3,049,883  | 38,514      | 13,190         | 27,682 | 187    | 101      | 182   | 3        | 20,880            | 1,594                  | 7,444         |
| 2009 | 3,007,856  | 39,662      | 13,961         | 27,450 | 180    | 106      | 197   | 4        | 21,139            | 1,783                  | 7,285         |
| 2008 | 3,002,555  | 40,221      | 14,132         | 28,370 | 226    | 140      | 231   | 7        | 19,566            | ---                    | 7,752         |
| 2007 | 2,988,046  | 40,835      | 14,018         | 27,126 | 224    | 134      | 217   | 6        | 19,895            | ---                    | 7,622         |
| 2006 | 2,982,085  | 40,592      | 13,706         | 27,289 | 208    | 132      | 234   | 5        | 20,060            | ---                    | 7,949         |
| 2005 | 2,966,334  | 39,275      | 12,757         | 27,770 | 209    | 135      | 207   | 4        | 20,419            | ---                    | 8,148         |
| 2004 | 2,954,451  | 38,368      | 11,895         | 26,811 | 194    | 122      | 210   | 5        | 20,455            | ---                    | 8,305         |
| 2003 | 2,944,062  | 38,139      | 11,384         | 27,972 | 216    | 135      | 207   | 6        | 20,371            | ---                    | 8,285         |
| 2002 | 2,936,760  | 37,555      | 11,020         | 27,928 | 198    | 133      | 194   | 0        | 20,406            | ---                    | 9,113         |
| 2001 | 2,923,000  | 37,610      | 10,824         | 27,741 | 211    | 129      | 230   | 1        | 21,127            | ---                    | 9,542         |
| 2000 | 2,926,000  | 38,250      | 10,704         | 27,840 | 241    | 158      | 192   | 4        | 21,792            | ---                    | 9,756         |
| 1999 | 2,869,000  | 37,549      | 10,328         | 28,339 | 213    | 126      | 222   | 3        | 22,029            | ---                    | 9,737         |
| 1998 | 2,862,000  | 37,262      | 10,149         | 28,320 | 243    | 169      | 224   | 3        | 21,609            | ---                    | 9,880         |
| 1997 | 2,854,000  | 36,641      | 9,593          | 27,669 | 229    | 148      | 202   | 1        | 21,909            | ---                    | 9,712         |
| 1996 | 2,849,000  | 37,130      | 9,751          | 27,800 | 259    | 182      | 201   | 1        | 22,711            | ---                    | 10,347        |
| 1995 | 2,841,000  | 36,790      | 9,258          | 27,962 | 300    | 192      | 220   | 1        | 22,573            | ---                    | 10,545        |
| 1994 | 2,829,000  | 37,057      | 9,198          | 27,651 | 273    | 160      | 208   | 0        | 22,924            | ---                    | 10,885        |
| 1993 | 2,821,000  | 37,805      | 9,296          | 27,951 | 261    | 155      | 238   | 1        | 22,822            | ---                    | 10,700        |
| 1992 | 2,807,000  | 38,459      | 9,050          | 26,580 | 307    | 178      | 259   | 2        | 23,129            | ---                    | 10,924        |
| 1991 | 2,791,000  | 38,925      | 8,644          | 27,306 | 312    | 171      | 235   | 2        | 23,533            | ---                    | 10,939        |
| 1990 | 2,777,000  | 39,330      | 8,269          | 26,815 | 317    | 183      | 263   | 2        | 24,931            | ---                    | 10,913        |
| 1989 | 2,771,000  | 38,916      | 7,552          | 27,147 | 321    | 214      | 238   | 3        | 25,267            | ---                    | 10,507        |
| 1988 | 2,769,000  | 38,070      | 6,730          | 27,851 | 330    | 206      | 262   | 5        | 25,090            | ---                    | 10,808        |
| 1987 | 2,767,000  | 37,866      | 6,142          | 27,213 | 343    | 208      | 264   | 3        | 23,062            | ---                    | 10,527        |
| 1986 | 2,792,000  | 38,748      | 5,811          | 27,021 | 327    | 215      | 242   | 2        | 23,311            | ---                    | 10,324        |
| 1985 | 2,830,000  | 41,182      | 5,585          | 27,810 | 389    | 242      | 255   | 1        | 24,578            | ---                    | 10,525        |
| 1984 | 2,859,000  | 42,360      | 5,315          | 26,972 | 376    | 251      | 332   | 4        | 26,366            | ---                    | 10,509        |
| 1983 | 2,871,000  | 43,247      | 5,168          | 27,509 | 385    | 243      | 298   | 4        | 26,769            | ---                    | 10,588        |
| 1982 | 2,888,000  | 44,716      | 5,062          | 26,852 | 453    | 279      | 311   | 2        | 27,189            | ---                    | 10,869        |
| 1981 | 2,908,000  | 45,918      | 4,938          | 26,930 | 456    | 296      | 336   | 0        | 27,153            | ---                    | 12,071        |
| 1980 | 2,914,000  | 47,797      | 4,895          | 27,096 | 565    | 379      | 406   | 5        | 27,474            | ---                    | 11,854        |
| 1979 | 2,903,000  | 46,763      | 4,397          | 26,816 | 496    | 339      | 363   | 2        | 27,925            | ---                    | 11,426        |
| 1978 | 2,906,000  | 44,559      | 4,116          | 27,417 | 559    | 394      | 362   | 1        | 28,030            | ---                    | 11,123        |
| 1977 | 2,888,000  | 44,898      | 3,950          | 26,750 | 556    | 431      | 373   | 5        | 26,419            | ---                    | 10,890        |
| 1976 | 2,874,000  | 41,570      | 3,437          | 27,825 | 597    | 458      | 352   | 4        | 25,727            | ---                    | 10,817        |
| 1975 | 2,861,000  | 41,360      | 3,343          | 28,058 | 556    | 434      | 369   | 5        | 25,616            | ---                    | 10,304        |
| 1974 | 2,856,000  | 40,179      | 2,959          | 28,730 | 573    | 443      | 424   | 5        | 27,209            | ---                    | 9,480         |
| 1973 | 2,863,000  | 38,898      | 3,124          | 29,229 | 620    | 473      | 363   | 2        | 27,544            | ---                    | 9,151         |
| 1972 | 2,884,000  | 40,860      | 3,146          | 29,907 | 731    | 578      | 414   | 4        | 26,603            | ---                    | 8,471         |
| 1971 | 2,860,000  | 45,171      | 3,273          | 29,475 | 791    | 620      | 481   | 4        | 25,819            | ---                    | 7,772         |
| 1970 | 2,830,000  | 48,406      | 3,495          | 29,356 | 908    | 733      | 480   | 10       | 24,648            | ---                    | 7,188         |
| 1969 | 2,805,000  | 47,235      | 3,065          | 29,345 | 894    | 706      | 482   | 11       | 24,686            | ---                    | 6,995         |
| 1968 | 2,803,000  | 46,737      | 2,960          | 29,852 | 894    | 721      | 534   | 6        | 24,697            | ---                    | 6,511         |
| 1967 | 2,793,000  | 47,217      | 2,533          | 28,849 | 908    | 727      | 559   | 6        | 22,396            | ---                    | 6,064         |
| 1966 | 2,762,000  | 48,641      | 2,423          | 29,611 | 949    | 745      | 533   | 9        | 21,130            | ---                    | 5,571         |
| 1965 | 2,742,000  | 50,970      | 2,224          | 29,394 | 1,048  | 785      | 579   | 9        | 20,247            | ---                    | 5,258         |
| 1964 | 2,746,000  | 55,443      | 2,001          | 29,157 | 1,178  | 884      | 603   | 13       | 20,232            | ---                    | 5,091         |
| 1963 | 2,747,000  | 57,840      | 1,777          | 29,266 | 1,189  | 887      | 681   | 8        | 19,487            | ---                    | 5,003         |
| 1962 | 2,750,000  | 61,003      | 1,637          | 28,632 | 1,205  | 915      | 679   | 8        | 18,981            | ---                    | 4,739         |
| 1961 | 2,756,000  | 63,408      | 1,672          | 28,158 | 1,304  | 986      | 728   | 15       | 21,962            | ---                    | 4,777         |
| 1960 | 2,756,000  | 64,050      | 1,476          | 28,741 | 1,399  | 1,068    | 764   | 13       | 24,774            | ---                    | 4,559         |

**TABLE 2 (CONTINUED)**  
**POPULATION, LIVE BIRTHS (TOTAL AND OUT-OF-WEDLOCK), DEATHS (TOTAL, INFANT,  
 NEONATAL, FETAL, AND MATERNAL), MARRIAGES AND DISSOLUTIONS, BY YEAR 1915-2016**

| Year | Population | Live Births |                | Deaths  |        |          |        |          | Social Categories |                        |               |
|------|------------|-------------|----------------|---------|--------|----------|--------|----------|-------------------|------------------------|---------------|
|      |            | Total       | Out-of-Wedlock | Total   | Infant | Neonatal | Fetal  | Maternal | Marriages*        | Same-Gender Marriages* | Dissolutions* |
| 1959 | 2,745,000  | 64,473      | 1,453          | 28,317  | 1,388  | 1,075    | 760    | 15       | 25,116            | ---                    | 4,594         |
| 1958 | 2,731,000  | 62,173      | 1,305          | 27,718  | 1,417  | 1,082    | 763    | 24       | 23,958            | ---                    | 4,299         |
| 1957 | 2,742,000  | 63,497      | 1,182          | 27,917  | 1,324  | 1,012    | 782    | 12       | 23,840            | ---                    | 4,134         |
| 1956 | 2,718,000  | 63,213      | 1,161          | 26,517  | 1,307  | 1,009    | 838    | 13       | 25,270            | ---                    | 4,850         |
| 1955 | 2,684,000  | 63,624      | 1,208          | 26,672  | 1,401  | 1,076    | 769    | 23       | 24,493            | ---                    | 5,195         |
| 1954 | 2,631,000  | 63,069      | 1,098          | 25,602  | 1,340  | 1,031    | 835    | 25       | 23,228            | ---                    | 5,217         |
| 1953 | 2,637,000  | 62,521      | 1,043          | 26,715  | 1,355  | 1,046    | 870    | 20       | 23,180            | ---                    | 5,253         |
| 1952 | 2,629,000  | 64,091      | 1,007          | 26,464  | 1,588  | 1,198    | 880    | 23       | 22,600            | ---                    | 5,596         |
| 1951 | 2,620,000  | 66,123      | 1,062          | 26,287  | 1,648  | 1,281    | 922    | 35       | 24,301            | ---                    | 5,225         |
| 1950 | 2,621,000  | 62,550      | 1,065          | 26,940  | 1,547  | 1,185    | 936    | 36       | 27,603            | ---                    | 5,404         |
| 1949 | 2,578,000  | 61,765      | 1,075          | 26,040  | 1,582  | 1,257*   | 963    | 34       | 25,515            | ---                    | 5,482         |
| 1948 | 2,543,000  | 60,396      | 1,084          | 25,935  | 1,609  | 1,247    | 907    | 43       | 28,585            | ---                    | 5,609         |
| 1947 | 2,509,000  | 63,536      | 1,153          | 26,307  | 1,809  | 1,435    | 1,008  | 57       | 30,002            | ---                    | 6,743         |
| 1946 | 2,467,000  | 55,743      | 1,066          | 25,408  | 1,656  | 1,334    | 977    | 54       | 32,434            | ---                    | 9,886         |
| 1945 | 2,308,000  | 44,497      | 915            | 25,505  | 1,348  | 1,021    | 819    | 76       | 21,264            | ---                    | 7,667         |
| 1944 | 2,301,000  | 45,263      | 690            | 25,068  | 1,500  | 1,102    | 887    | 80       | 17,121            | ---                    | 6,138         |
| 1943 | 2,334,000  | 46,579      | 676            | 25,319  | 1,580  | 1,157    | 935    | 76       | 13,566            | ---                    | 5,265         |
| 1942 | 2,439,000  | 47,671      | 694            | 24,265  | 1,603  | 1,197    | 967    | 95       | 13,085            | ---                    | 4,777         |
| 1941 | 2,491,000  | 45,485      | 719            | 24,879  | 1,650  | 1,187    | 966    | 123      | 25,936            | ---                    | 5,144         |
| 1940 | 2,537,000  | 44,347      | 657            | 25,539  | 1,616  | 1,143    | 986    | 151      | 48,352            | ---                    | 4,778         |
| 1939 | 2,520,000  | 42,985      | 767*           | 25,845  | 1,667  | 1,153    | 1,011  | 127      | 36,862            | ---                    | 4,692         |
| 1938 | 2,494,000  | 42,931      | 814            | 25,002  | 1,745  | 1,184    | 1,077  | 140      | 31,964            | ---                    | 4,541         |
| 1937 | 2,498,000  | 42,074      | 828            | 26,492* | 1,863* | 1,213    | 1,088* | 189*     | 25,892            | ---                    | 4,700         |
| 1936 | 2,509,000  | 42,746*     | 779            | 28,518  | 2,076  | 1,392    | 1,159  | 195      | 21,780            | ---                    | 4,615         |
| 1935 | 2,524,000  | 41,021      | ---            | 26,365  | 1,930  | 1,224    | 1,110  | 214      | 20,968            | ---                    | 4,392         |
| 1934 | 2,510,000  | 42,463      | ---            | 26,758  | 2,149  | ---      | 1,142  | 216      | 20,240            | ---                    | 4,334         |
| 1933 | 2,495,000  | 39,575      | ---            | 25,665  | 1,911  | ---      | 1,121  | 210      | 16,018            | ---                    | 3,686         |
| 1932 | 2,489,000  | 40,164      | ---            | 25,786  | 1,887  | ---      | 1,278  | 219      | 8,014             | ---                    | 3,375         |
| 1931 | 2,482,000  | 41,633      | ---            | 25,681  | 1,681  | ---      | 1,332  | 209      | 14,190            | ---                    | 4,144         |
| 1930 | 2,475,000  | 42,733      | ---            | 26,228  | 2,303  | ---      | 1,340  | 251      | 20,642            | ---                    | 4,354         |
| 1929 | 2,460,000  | 42,126      | ---            | 25,681  | 2,214  | ---      | ---    | 235      | 21,935            | ---                    | 4,427         |
| 1928 | 2,450,000  | 43,378      | ---            | 25,315  | 2,300  | ---      | ---    | 210      | 20,529            | ---                    | 4,102         |
| 1927 | 2,441,000  | 44,296      | ---            | 24,532  | 2,478  | ---      | ---    | 263      | 21,048            | ---                    | 4,255         |
| 1926 | 2,432,000  | 44,477      | ---            | 25,466  | 2,644  | ---      | ---    | 276      | 20,966            | ---                    | 4,102         |
| 1925 | 2,427,000  | 49,740      | ---            | 24,420  | 2,616  | ---      | ---    | 260      | 21,924            | ---                    | 4,112         |
| 1924 | 2,420,000  | 48,887      | ---            | 23,620  | 2,602  | ---      | ---    | 296      | 24,855            | ---                    | 3,782         |
| 1923 | 2,425,000  | 51,305      | ---            | 25,378  | 2,944  | ---      | ---    | 246      | 23,516            | ---                    | 4,495         |
| 1922 | 2,428,000  | 50,736      | ---            | 24,065  | 2,920  | ---      | ---    | 256      | 22,745            | ---                    | 3,862         |
| 1921 | 2,407,000  | 49,977      | ---            | 24,611  | 2,961  | ---      | ---    | 257      | 25,283            | ---                    | 4,010         |
| 1920 | 2,400,000  | 48,815      | ---            | 25,897  | 3,243  | ---      | ---    | 301      | 28,468            | ---                    | 4,738         |
| 1919 | 2,379,000  | 45,716      | ---            | 24,016  | 2,915  | ---      | ---    | ---      | 18,993            | ---                    | 3,223         |
| 1918 | 2,351,000  | 51,142      | ---            | 32,421  | 3,576  | ---      | ---    | ---      | 21,991            | ---                    | 3,143         |
| 1917 | 2,382,000  | 38,204      | ---            | 23,773  | 2,792  | ---      | ---    | ---      | 24,037            | ---                    | 3,632         |
| 1916 | 2,376,000  | 39,715      | ---            | 23,904  | 3,117  | ---      | ---    | ---      | 22,699            | ---                    | 2,973         |
| 1915 | 2,366,000  | 44,115      | ---            | 22,367  | 2,949  | ---      | ---    | ---      | 23,017            | ---                    | 3,024         |

Residence data unless noted.

\* Occurrence data for this year and previous years.

Total deaths do not include fetal deaths.

**TABLE 3**  
**RATES: LIVE BIRTHS (TOTAL AND OUT-OF-WEDLOCK), DEATH (TOTAL, INFANT,  
 NEONATAL, FETAL AND MATERNAL), MARRIAGE AND DISSOLUTION, 1915-2016**

| Year | Live Births |                | Deaths |        |          |       |          | Social Categories |                        |               |
|------|-------------|----------------|--------|--------|----------|-------|----------|-------------------|------------------------|---------------|
|      | Total       | Out-of-Wedlock | Total  | Infant | Neonatal | Fetal | Maternal | Marriages*        | Same-Gender Marriages* | Dissolutions* |
| 2016 | 12.5        | 348.9          | 9.4    | 6.1    | 3.8      | 4.5   | 30.6     | 6.1               | 0.1                    | 1.3           |
| 2015 | 12.6        | 352.3          | 9.1    | 3.7    | 2.2      | 4.3   | 22.8     | 6.3               | 0.2                    | 1.2           |
| 2014 | 12.8        | 351.5          | 9.4    | 4.8    | 3.1      | 4.5   | 22.7     | 6.9               | 0.6                    | 1.5           |
| 2013 | 12.6        | 344.4          | 9.3    | 4.2    | 2.7      | 4.3   | 23.1     | 7.4               | 1.1                    | 1.9           |
| 2012 | 12.6        | 347.6          | 9.2    | 5.3    | 3.3      | 4.5   | 20.7     | 6.8               | 0.4                    | 2.2           |
| 2011 | 12.5        | 338.1          | 9.2    | 4.7    | 2.9      | 4.6   | 20.9     | 6.7               | 0.4                    | 2.4           |
| 2010 | 12.6        | 342.5          | 9.1    | 4.9    | 2.6      | 4.7   | 7.8      | 6.8               | 0.5                    | 2.4           |
| 2009 | 13.2        | 352.0          | 9.1    | 4.5    | 2.7      | 5.0   | 10.1     | 7.0               | 0.6                    | 2.4           |
| 2008 | 13.4        | 351.4          | 9.4    | 5.6    | 3.5      | 5.7   | 17.4     | 6.5               | ---                    | 2.6           |
| 2007 | 13.7        | 343.3          | 9.1    | 5.5    | 3.3      | 5.3   | 14.7     | 6.7               | ---                    | 2.6           |
| 2006 | 13.6        | 337.7          | 9.2    | 5.1    | 3.3      | 5.8   | 12.3     | 6.7               | ---                    | 2.7           |
| 2005 | 13.2        | 324.8          | 9.4    | 5.3    | 3.4      | 5.3   | 10.2     | 6.9               | ---                    | 2.7           |
| 2004 | 13.0        | 310.0          | 9.1    | 5.1    | 3.2      | 5.5   | 13.0     | 6.9               | ---                    | 2.8           |
| 2003 | 13.0        | 298.5          | 9.5    | 5.7    | 3.5      | 5.4   | 15.7     | 6.9               | ---                    | 2.8           |
| 2002 | 12.8        | 293.4          | 9.5    | 5.3    | 3.5      | 5.2   | 0.0      | 6.9               | ---                    | 3.1           |
| 2001 | 12.9        | 287.8          | 9.5    | 5.6    | 3.4      | 6.1   | 2.7      | 7.2               | ---                    | 3.3           |
| 2000 | 13.1        | 279.8          | 9.5    | 6.3    | 4.1      | 5.0   | 10.5     | 7.4               | ---                    | 3.3           |
| 1999 | 13.1        | 275.1          | 9.9    | 5.7    | 3.4      | 5.9   | 8.0      | 7.7               | ---                    | 3.4           |
| 1998 | 13.0        | 272.4          | 9.9    | 6.5    | 4.5      | 6.0   | 8.1      | 7.6               | ---                    | 3.5           |
| 1997 | 12.8        | 261.8          | 9.7    | 6.2    | 4.0      | 5.5   | 2.7      | 7.7               | ---                    | 3.4           |
| 1996 | 13.0        | 262.6          | 9.8    | 7.0    | 4.9      | 5.4   | 2.7      | 8.0               | ---                    | 3.6           |
| 1995 | 12.9        | 251.6          | 9.8    | 8.2    | 5.2      | 6.0   | 2.7      | 7.9               | ---                    | 3.7           |
| 1994 | 13.1        | 248.2          | 9.8    | 7.4    | 4.3      | 5.6   | 0.0      | 8.1               | ---                    | 3.8           |
| 1993 | 13.4        | 245.9          | 9.9    | 6.9    | 4.1      | 6.3   | 2.6      | 8.1               | ---                    | 3.8           |
| 1992 | 13.7        | 235.3          | 9.5    | 8.0    | 4.6      | 6.7   | 5.2      | 8.2               | ---                    | 3.9           |
| 1991 | 13.9        | 222.1          | 9.8    | 8.0    | 4.4      | 6.0   | 5.1      | 8.4               | ---                    | 3.9           |
| 1990 | 14.2        | 210.2          | 9.7    | 8.1    | 4.7      | 6.7   | 5.1      | 9.0               | ---                    | 3.9           |
| 1989 | 14.0        | 194.1          | 9.8    | 8.2    | 5.5      | 6.1   | 7.7      | 9.1               | ---                    | 3.8           |
| 1988 | 13.7        | 176.8          | 10.1   | 8.7    | 5.4      | 6.9   | 13.1     | 9.1               | ---                    | 3.9           |
| 1987 | 13.7        | 162.2          | 9.8    | 9.1    | 5.5      | 7.0   | 7.9      | 8.3               | ---                    | 3.8           |
| 1986 | 13.9        | 150.0          | 9.7    | 8.4    | 5.5      | 6.2   | 5.2      | 8.3               | ---                    | 3.7           |
| 1985 | 14.6        | 135.6          | 9.8    | 9.4    | 5.9      | 6.2   | 2.4      | 8.7               | ---                    | 3.7           |
| 1984 | 14.8        | 125.5          | 9.4    | 8.9    | 5.9      | 7.8   | 9.4      | 9.2               | ---                    | 3.7           |
| 1983 | 15.1        | 119.5          | 9.6    | 8.9    | 5.6      | 6.9   | 9.2      | 9.3               | ---                    | 3.7           |
| 1982 | 15.5        | 113.2          | 9.3    | 10.1   | 6.2      | 7.0   | 4.5      | 9.4               | ---                    | 3.8           |
| 1981 | 15.8        | 107.5          | 9.3    | 9.9    | 6.4      | 7.3   | 0.0      | 9.3               | ---                    | 4.2           |
| 1980 | 16.4        | 102.4          | 9.3    | 11.8   | 7.9      | 8.5   | 10.5     | 9.4               | ---                    | 4.1           |
| 1979 | 16.1        | 94.0           | 9.2    | 10.6   | 7.2      | 7.8   | 4.3      | 9.6               | ---                    | 3.9           |
| 1978 | 15.3        | 92.4           | 9.4    | 12.5   | 8.8      | 8.1   | 2.2      | 9.6               | ---                    | 3.8           |
| 1977 | 15.5        | 88.0           | 9.3    | 12.4   | 9.6      | 8.3   | 11.1     | 9.1               | ---                    | 3.8           |
| 1976 | 14.5        | 82.7           | 9.7    | 14.4   | 11.0     | 8.5   | 9.6      | 9.0               | ---                    | 3.8           |
| 1975 | 14.5        | 80.8           | 9.8    | 13.4   | 10.5     | 8.9   | 12.1     | 9.0               | ---                    | 3.6           |
| 1974 | 14.1        | 73.6           | 10.1   | 14.3   | 11.0     | 10.6  | 12.4     | 9.5               | ---                    | 3.3           |
| 1973 | 13.6        | 80.3           | 10.2   | 15.9   | 12.2     | 9.3   | 5.1      | 9.6               | ---                    | 3.2           |
| 1972 | 14.2        | 77.0           | 10.4   | 17.9   | 14.1     | 10.1  | 9.8      | 9.2               | ---                    | 2.9           |
| 1971 | 15.8        | 72.5           | 10.3   | 17.5   | 13.7     | 10.6  | 8.9      | 9.0               | ---                    | 2.7           |
| 1970 | 17.1        | 72.2           | 10.4   | 18.8   | 15.1     | 9.9   | 20.7     | 8.7               | ---                    | 2.5           |
| 1969 | 16.8        | 64.9           | 10.5   | 18.9   | 14.9     | 10.2  | 23.3     | 8.8               | ---                    | 2.5           |
| 1968 | 16.7        | 63.3           | 10.7   | 19.1   | 15.4     | 11.4  | 12.8     | 8.8               | ---                    | 2.3           |
| 1967 | 16.9        | 53.6           | 10.3   | 19.2   | 15.4     | 11.8  | 12.7     | 8.0               | ---                    | 2.2           |
| 1966 | 17.6        | 49.8           | 10.7   | 19.5   | 15.3     | 11.0  | 18.5     | 7.7               | ---                    | 2.0           |
| 1965 | 18.6        | 43.6           | 10.7   | 20.6   | 15.4     | 11.4  | 17.7     | 7.4               | ---                    | 1.9           |
| 1964 | 20.2        | 36.1           | 10.6   | 21.2   | 15.9     | 10.9  | 23.4     | 7.4               | ---                    | 1.9           |
| 1963 | 21.1        | 30.7           | 10.7   | 20.6   | 15.3     | 11.8  | 13.8     | 7.1               | ---                    | 1.8           |
| 1962 | 22.2        | 26.8           | 10.4   | 19.8   | 15.0     | 11.1  | 13.1     | 6.9               | ---                    | 1.7           |
| 1961 | 23.0        | 26.4           | 10.2   | 20.6   | 15.6     | 11.5  | 23.7     | 8.0               | ---                    | 1.7           |
| 1960 | 23.2        | 23.0           | 10.4   | 21.8   | 16.7     | 11.9  | 20.3     | 9.0               | ---                    | 1.7           |

**TABLE 3 (CONTINUED)**  
**RATES: LIVE BIRTHS (TOTAL AND OUT-OF-WEDLOCK), DEATH (TOTAL, INFANT,  
 NEONATAL, FETAL AND MATERNAL), MARRIAGE AND DISSOLUTION, 1915-2016**

| Year | Live Births |                | Deaths |        |          |       |          | Social Categories |                        |               |
|------|-------------|----------------|--------|--------|----------|-------|----------|-------------------|------------------------|---------------|
|      | Total       | Out-of-Wedlock | Total  | Infant | Neonatal | Fetal | Maternal | Marriages*        | Same-Gender Marriages* | Dissolutions* |
| 1959 | 23.5        | 22.5           | 10.3   | 21.5   | 16.7     | 11.8  | 23.3     | 9.1               | ---                    | 1.7           |
| 1958 | 22.8        | 21.0           | 10.1   | 22.8   | 17.4     | 12.3  | 38.6     | 8.8               | ---                    | 1.6           |
| 1957 | 23.2        | 18.6           | 10.2   | 20.9   | 15.9     | 12.3  | 18.9     | 8.7               | ---                    | 1.5           |
| 1956 | 23.3        | 18.4           | 9.8    | 20.7   | 16.0     | 13.3  | 20.6     | 9.3               | ---                    | 1.8           |
| 1955 | 23.7        | 19.0           | 9.9    | 22.0   | 16.9     | 12.1  | 36.1     | 9.1               | ---                    | 1.9           |
| 1954 | 24.0        | 17.4           | 9.7    | 21.2   | 16.3     | 13.2  | 39.6     | 8.8               | ---                    | 2.0           |
| 1953 | 23.7        | 16.7           | 10.1   | 21.7   | 16.7     | 13.9  | 32.0     | 8.8               | ---                    | 2.0           |
| 1952 | 24.4        | 15.7           | 10.1   | 24.8   | 18.7     | 13.7  | 35.9     | 8.6               | ---                    | 2.1           |
| 1951 | 25.2        | 16.1           | 10.0   | 24.9   | 19.4     | 13.9  | 52.9     | 9.3               | ---                    | 2.0           |
| 1950 | 23.9        | 17.0           | 10.3   | 24.7   | 18.9     | 15.0  | 57.6     | 10.5              | ---                    | 2.1           |
| 1949 | 24.0        | 17.4           | 10.1   | 25.6   | 20.4*    | 15.6  | 55.0     | 9.9               | ---                    | 2.1           |
| 1948 | 23.7        | 17.9           | 10.2   | 26.6   | 20.6     | 15.0  | 71.2     | 11.2              | ---                    | 2.2           |
| 1947 | 25.3        | 18.1           | 10.5   | 28.5   | 22.6     | 15.9  | 89.7     | 12.0              | ---                    | 2.7           |
| 1946 | 22.6        | 19.1           | 10.3   | 29.7   | 23.9     | 17.5  | 96.9     | 13.1              | ---                    | 4.0           |
| 1945 | 19.3        | 20.6           | 11.1   | 30.3   | 22.9     | 18.4  | 170.8    | 9.2               | ---                    | 3.3           |
| 1944 | 19.7        | 15.2           | 10.9   | 33.1   | 24.3     | 19.6  | 176.7    | 7.4               | ---                    | 2.7           |
| 1943 | 20.0        | 14.5           | 10.8   | 33.9   | 24.8     | 20.1  | 163.2    | 5.8               | ---                    | 2.3           |
| 1942 | 19.5        | 14.6           | 9.9    | 33.6   | 25.1     | 20.3  | 199.3    | 5.4               | ---                    | 2.0           |
| 1941 | 18.3        | 15.8           | 10.0   | 36.3   | 26.1     | 21.2  | 270.4    | 10.4              | ---                    | 2.1           |
| 1940 | 17.5        | 14.8           | 10.1   | 36.4   | 25.8     | 22.2  | 340.5    | 19.1              | ---                    | 1.9           |
| 1939 | 17.1        | 17.8*          | 10.3   | 38.8   | 26.8     | 23.5  | 295.5    | 14.6              | ---                    | 1.9           |
| 1938 | 17.2        | 19.0           | 10.0   | 40.6   | 27.6     | 25.1  | 326.1    | 12.8              | ---                    | 1.8           |
| 1937 | 16.8        | 19.7           | 10.6*  | 44.3*  | 28.8     | 25.9* | 449.2*   | 10.4              | ---                    | 1.9           |
| 1936 | 17.0*       | 18.2           | 11.4   | 48.6   | 32.6     | 27.1  | 456.2    | 8.7               | ---                    | 1.8           |
| 1935 | 16.3        | ---            | 10.4   | 47.0   | 29.8     | 27.1  | 521.7    | 8.3               | ---                    | 1.7           |
| 1934 | 16.9        | ---            | 10.7   | 50.6   | ---      | 26.9  | 508.7    | 8.1               | ---                    | 1.7           |
| 1933 | 15.9        | ---            | 10.3   | 48.3   | ---      | 28.3  | 530.6    | 6.4               | ---                    | 1.5           |
| 1932 | 16.1        | ---            | 10.4   | 47.0   | ---      | 31.8  | 545.3    | 3.2               | ---                    | 1.4           |
| 1931 | 16.8        | ---            | 10.3   | 40.4   | ---      | 32.0  | 502.0    | 5.7               | ---                    | 1.7           |
| 1930 | 17.3        | ---            | 10.6   | 53.9   | ---      | 31.4  | 587.4    | 8.3               | ---                    | 1.8           |
| 1929 | 17.1        | ---            | 10.4   | 52.6   | ---      | ---   | 557.9    | 8.9               | ---                    | 1.8           |
| 1928 | 17.7        | ---            | 10.3   | 53.0   | ---      | ---   | 484.1    | 8.4               | ---                    | 1.7           |
| 1927 | 18.1        | ---            | 10.0   | 55.9   | ---      | ---   | 593.7    | 8.6               | ---                    | 1.7           |
| 1926 | 18.3        | ---            | 10.5   | 59.4   | ---      | ---   | 620.5    | 8.6               | ---                    | 1.7           |
| 1925 | 20.5        | ---            | 10.1   | 52.6   | ---      | ---   | 522.7    | 9.0               | ---                    | 1.7           |
| 1924 | 20.2        | ---            | 9.8    | 53.2   | ---      | ---   | 605.5    | 10.3              | ---                    | 1.6           |
| 1923 | 21.2        | ---            | 10.5   | 57.4   | ---      | ---   | 479.5    | 9.7               | ---                    | 1.9           |
| 1922 | 20.9        | ---            | 9.9    | 57.6   | ---      | ---   | 504.6    | 9.4               | ---                    | 1.6           |
| 1921 | 20.8        | ---            | 10.2   | 59.2   | ---      | ---   | 514.2    | 10.5              | ---                    | 1.7           |
| 1920 | 20.3        | ---            | 10.8   | 66.4   | ---      | ---   | 616.6    | 11.9              | ---                    | 2.0           |
| 1919 | 19.2        | ---            | 10.1   | 63.8   | ---      | ---   | ---      | 8.0               | ---                    | 1.4           |
| 1918 | 21.8        | ---            | 13.8   | 69.9   | ---      | ---   | ---      | 9.4               | ---                    | 1.3           |
| 1917 | 16.0        | ---            | 10.0   | 73.1   | ---      | ---   | ---      | 10.1              | ---                    | 1.5           |
| 1916 | 16.7        | ---            | 10.1   | 78.5   | ---      | ---   | ---      | 9.6               | ---                    | 1.3           |
| 1915 | 18.6        | ---            | 9.5    | 66.8   | ---      | ---   | ---      | 9.7               | ---                    | 1.3           |

Residence data unless noted.

\* Occurrence data for this year and previous years.

Live births, total deaths, marriage and dissolution rates per 1,000 population.

Out-of-wedlock live births, infant, neonatal and fetal death rates per 1,000 live births.

Maternal death rates per 100,000 live births.

**TABLE 4**  
**TOTAL**  
**SUMMARY OF SELECTED VITAL EVENTS FOR THE STATE OF IOWA, 2016**

| Line No.                     |                                                                                                                     | Occurrence Number | Rate  | Residence Number | Rate  | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|-------|------------------|-------|----------|
| 1                            | Population – July 1 – 3,134,693 *                                                                                   |                   |       |                  |       | 1        |
| 2                            | Live Births                                                                                                         | 39,094            | 12.5  | 39,223           | 12.5  | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 13,753            | 351.8 | 13,683           | 348.9 | 3        |
| 4                            | Mother under age 20                                                                                                 | 1,809             | 46.3  | 1,793            | 45.7  | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 2,520             | 64.5  | 2,652            | 67.6  | 5        |
| 6                            | Congenital Malformations                                                                                            | 263               | 6.7   | 266              | 6.8   | 6        |
| 7                            | Deaths from All Causes                                                                                              | 29,318            | 9.4   | 29,512           | 9.4   | 7        |
| 8                            | Maternal Deaths                                                                                                     | 12                | 30.7  | 12               | 30.6  | 8        |
| 9                            | Fetal Deaths                                                                                                        | 188               | 4.8   | 177              | 4.5   | 9        |
| 10                           | Neonatal Deaths                                                                                                     | 127               | 3.2   | 148              | 3.8   | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 315               | 8.1   | 325              | 8.3   | 11       |
| 12                           | Infant Deaths                                                                                                       | 213               | 5.4   | 240              | 6.1   | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | 3,722             | 6.3   | ...              | ...   | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | 538               | 0.9   | ...              | ...   | 14       |
| 15                           | Marriages                                                                                                           | 19,277            | 6.1   | ...              | ...   | 15       |
| 16                           | Same-Gender Marriages                                                                                               | 415               | 0.1   | ...              | ...   | 16       |
| 17                           | Dissolutions                                                                                                        | 3,932             | 1.3   | ...              | ...   | 17       |
| - Selected Causes of Death - |                                                                                                                     |                   |       |                  |       |          |
| 18                           | Tuberculosis, All Forms                                                                                             | 3                 | 0.1   | 3                | 0.1   | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | 3                 | 0.1   | 3                | 0.1   | 19       |
| 20                           | Other Tuberculosis                                                                                                  | 0                 | 0.0   | 0                | 0.0   | 20       |
| 21                           | Syphilis                                                                                                            | 1                 | 0.0   | 1                | 0.0   | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 474               | 15.1  | 464              | 14.8  | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 6,367             | 203.1 | 6,377            | 203.4 | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | 104               | 3.3   | 109              | 3.5   | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 1,591             | 50.8  | 1,580            | 50.4  | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 1,706             | 54.4  | 1,713            | 54.6  | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 422               | 13.5  | 417              | 13.3  | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 674               | 21.5  | 670              | 21.4  | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 345               | 11.0  | 344              | 11.0  | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 889               | 28.4  | 892              | 28.5  | 30       |
| 31                           | Leukemia                                                                                                            | 281               | 9.0   | 282              | 9.0   | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 355               | 11.3  | 370              | 11.8  | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | 205               | 6.5   | 204              | 6.5   | 33       |
| 34                           | Anemias                                                                                                             | 47                | 1.5   | 46               | 1.5   | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 862               | 27.5  | 842              | 26.9  | 35       |
| 36                           | Meningitis                                                                                                          | 4                 | 0.1   | 4                | 0.1   | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 1,414             | 45.1  | 1,410            | 45.0  | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 8,894             | 283.7 | 8,881            | 283.3 | 38       |
| 39                           | Diseases of Heart                                                                                                   | 6,866             | 219.0 | 6,862            | 218.9 | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | 40                | 1.3   | 43               | 1.4   | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | 452               | 14.4  | 453              | 14.5  | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | 84                | 2.7   | 84               | 2.7   | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 4,327             | 138.0 | 4,322            | 137.9 | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 1,216             | 38.8  | 1,215            | 38.8  | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | 15                | 0.5   | 14               | 0.4   | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 3,096             | 98.8  | 3,093            | 98.7  | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 961               | 30.7  | 950              | 30.3  | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 2,135             | 68.1  | 2,143            | 68.4  | 48       |
| 49                           | Other Heart Diseases                                                                                                | 1,963             | 62.6  | 1,960            | 62.5  | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | 373               | 11.9  | 367              | 11.7  | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 1,392             | 44.4  | 1,379            | 44.0  | 51       |
| 52                           | Atherosclerosis                                                                                                     | 71                | 2.3   | 71               | 2.3   | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | 192               | 6.1   | 202              | 6.4   | 53       |
| 54                           | Influenza                                                                                                           | 33                | 1.1   | 35               | 1.1   | 54       |
| 55                           | Pneumonia                                                                                                           | 458               | 14.6  | 462              | 14.7  | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | 2                 | 0.1   | 1                | 0.0   | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 1,978             | 63.1  | 1,986            | 63.4  | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | 7                 | 0.2   | 7                | 0.2   | 58       |
| 59                           | Emphysema                                                                                                           | 90                | 2.9   | 90               | 2.9   | 59       |
| 60                           | Asthma                                                                                                              | 32                | 1.0   | 32               | 1.0   | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 1,849             | 59.0  | 1,857            | 59.2  | 61       |
| 62                           | Peptic Ulcer                                                                                                        | 41                | 1.3   | 47               | 1.5   | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 347               | 11.1  | 341              | 10.9  | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | 65                | 2.1   | 68               | 2.2   | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 353               | 11.3  | 347              | 11.1  | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | 4                 | 0.1   | 5                | 0.2   | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | 8                 | 0.3   | 7                | 0.2   | 67       |
| 68                           | Renal Failure                                                                                                       | 341               | 10.9  | 335              | 10.7  | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | 0                 | 0.0   | 0                | 0.0   | 69       |
| 70                           | Infections of Kidney                                                                                                | 11                | 0.4   | 11               | 0.4   | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | 13                | 0.4   | 13               | 0.4   | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | 12                | 0.4   | 12               | 0.4   | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | 92                | 2.9   | 107              | 3.4   | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | 122               | 3.9   | 130              | 4.1   | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | 31                | 1.0   | 31               | 1.0   | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | 323               | 10.3  | 332              | 10.6  | 76       |
| 77                           | All Other Diseases                                                                                                  | 5,007             | 159.7 | 5,216            | 166.4 | 77       |
| 78                           | Unintentional Injuries                                                                                              | 1,570             | 50.1  | 1,565            | 49.9  | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 429               | 13.7  | 410              | 13.1  | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 1,141             | 36.4  | 1,155            | 36.8  | 80       |
| 81                           | Suicides                                                                                                            | 459               | 14.6  | 449              | 14.3  | 81       |
| 82                           | Teen Suicides                                                                                                       | 27                | 0.9   | 25               | 0.8   | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | 81                | 2.6   | 79               | 2.5   | 83       |
| 84                           | Other External Causes                                                                                               | 49                | 1.6   | 48               | 1.5   | 84       |

\* Source: U.S. Census Bureau

**TABLE 4 A**  
**WHITE**  
**SUMMARY OF SELECTED VITAL EVENTS FOR THE STATE OF IOWA, 2016**

| Line No.                     |                                                                                                                     | Occurrence Number | Rate  | Residence Number | Rate  | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|-------|------------------|-------|----------|
| 1                            | Population – July 1 – 2,894,851 *                                                                                   |                   |       |                  |       | 1        |
| 2                            | Live Births                                                                                                         | 32,999            | 11.4  | 33,506           | 11.6  | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 10,542            | 319.5 | 10,695           | 319.2 | 3        |
| 4                            | Mother under age 20                                                                                                 | 1,321             | 40.0  | 1,342            | 40.1  | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 1,962             | 59.5  | 2,108            | 62.9  | 5        |
| 6                            | Congenital Malformations                                                                                            | 229               | 6.9   | 234              | 7.0   | 6        |
| 7                            | Deaths from All Causes                                                                                              | 28,309            | 9.8   | 28,549           | 9.9   | 7        |
| 8                            | Maternal Deaths                                                                                                     | 9                 | 27.3  | 9                | 26.9  | 8        |
| 9                            | Fetal Deaths                                                                                                        | 144               | 4.4   | 139              | 4.1   | 9        |
| 10                           | Neonatal Deaths                                                                                                     | 96                | 2.9   | 117              | 3.5   | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 240               | 7.3   | 256              | 7.6   | 11       |
| 12                           | Infant Deaths                                                                                                       | 160               | 4.8   | 184              | 5.5   | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | 2,687             | 5.0   | ...              | ...   | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | 464               | 0.9   | ...              | ...   | 14       |
| 15                           | Marriages **                                                                                                        | ...               | ...   | ...              | ...   | 15       |
| 16                           | Same-Gender Marriages **                                                                                            | ...               | ...   | ...              | ...   | 16       |
| 17                           | Dissolutions **                                                                                                     | ...               | ...   | ...              | ...   | 17       |
| - Selected Causes of Death - |                                                                                                                     |                   |       |                  |       |          |
| 18                           | Tuberculosis, All Forms                                                                                             | 2                 | 0.1   | 2                | 0.1   | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | 2                 | 0.1   | 2                | 0.1   | 19       |
| 20                           | Other Tuberculosis                                                                                                  | 0                 | 0.0   | 0                | 0.0   | 20       |
| 21                           | Syphilis                                                                                                            | 1                 | 0.0   | 1                | 0.0   | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 445               | 15.4  | 438              | 15.1  | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 6,171             | 213.2 | 6,184            | 213.6 | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | 100               | 3.5   | 105              | 3.6   | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 1,530             | 52.9  | 1,519            | 52.5  | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 1,651             | 57.0  | 1,661            | 57.4  | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 409               | 14.1  | 404              | 14.0  | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 652               | 22.5  | 648              | 22.4  | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 337               | 11.6  | 337              | 11.6  | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 862               | 29.8  | 865              | 29.9  | 30       |
| 31                           | Leukemia                                                                                                            | 278               | 9.6   | 279              | 9.6   | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 352               | 12.2  | 366              | 12.6  | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | 199               | 6.9   | 198              | 6.8   | 33       |
| 34                           | Anemias                                                                                                             | 45                | 1.6   | 43               | 1.5   | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 817               | 28.2  | 802              | 27.7  | 35       |
| 36                           | Meningitis                                                                                                          | 4                 | 0.1   | 4                | 0.1   | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 1,393             | 48.1  | 1,391            | 48.1  | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 8,640             | 298.5 | 8,635            | 298.3 | 38       |
| 39                           | Diseases of Heart                                                                                                   | 6,677             | 230.7 | 6,681            | 230.8 | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | 39                | 1.3   | 42               | 1.5   | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | 435               | 15.0  | 437              | 15.1  | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | 79                | 2.7   | 79               | 2.7   | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 4,214             | 145.6 | 4,215            | 145.6 | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 1,192             | 41.2  | 1,192            | 41.2  | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | 14                | 0.5   | 13               | 0.4   | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 3,008             | 103.9 | 3,010            | 104.0 | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 929               | 32.1  | 920              | 31.8  | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 2,079             | 71.8  | 2,090            | 72.2  | 48       |
| 49                           | Other Heart Diseases                                                                                                | 1,910             | 66.0  | 1,908            | 65.9  | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | 356               | 12.3  | 350              | 12.1  | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 1,354             | 46.8  | 1,340            | 46.3  | 51       |
| 52                           | Atherosclerosis                                                                                                     | 68                | 2.3   | 68               | 2.3   | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | 185               | 6.4   | 196              | 6.8   | 53       |
| 54                           | Influenza                                                                                                           | 31                | 1.1   | 33               | 1.1   | 54       |
| 55                           | Pneumonia                                                                                                           | 451               | 15.6  | 455              | 15.7  | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | 2                 | 0.1   | 1                | 0.0   | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 1,929             | 66.6  | 1,940            | 67.0  | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | 7                 | 0.2   | 7                | 0.2   | 58       |
| 59                           | Emphysema                                                                                                           | 88                | 3.0   | 88               | 3.0   | 59       |
| 60                           | Asthma                                                                                                              | 25                | 0.9   | 25               | 0.9   | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 1,809             | 62.5  | 1,820            | 62.9  | 61       |
| 62                           | Peptic Ulcer                                                                                                        | 40                | 1.4   | 46               | 1.6   | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 324               | 11.2  | 321              | 11.1  | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | 65                | 2.2   | 68               | 2.3   | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 335               | 11.6  | 330              | 11.4  | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | 4                 | 0.1   | 5                | 0.2   | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | 7                 | 0.2   | 6                | 0.2   | 67       |
| 68                           | Renal Failure                                                                                                       | 324               | 11.2  | 319              | 11.0  | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | 0                 | 0.0   | 0                | 0.0   | 69       |
| 70                           | Infections of Kidney                                                                                                | 11                | 0.4   | 11               | 0.4   | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | 13                | 0.4   | 13               | 0.4   | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | 9                 | 0.3   | 9                | 0.3   | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | 73                | 2.5   | 87               | 3.0   | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | 100               | 3.5   | 110              | 3.8   | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | 24                | 0.8   | 23               | 0.8   | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | 316               | 10.9  | 325              | 11.2  | 76       |
| 77                           | All Other Diseases                                                                                                  | 4,882             | 168.6 | 5,093            | 175.9 | 77       |
| 78                           | Unintentional Injuries                                                                                              | 1,457             | 50.3  | 1,467            | 50.7  | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 380               | 13.1  | 373              | 12.9  | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 1,077             | 37.2  | 1,094            | 37.8  | 80       |
| 81                           | Suicides                                                                                                            | 436               | 15.1  | 426              | 14.7  | 81       |
| 82                           | Teen Suicides                                                                                                       | 25                | 0.9   | 23               | 0.8   | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | 49                | 1.7   | 49               | 1.7   | 83       |
| 84                           | Other External Causes                                                                                               | 45                | 1.6   | 44               | 1.5   | 84       |

\* Source: U.S. Census Bureau  
\*\* Not Available by Race

**TABLE 4 B**  
**AFRICAN AMERICAN**  
**SUMMARY OF SELECTED VITAL EVENTS FOR THE STATE OF IOWA, 2016**

| Line No.                     |                                                                                                                     | Occurrence Number | Rate  | Residence Number | Rate  | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|-------|------------------|-------|----------|
| 1                            | Population – July 1 – 135,448 *                                                                                     |                   |       |                  |       | 1        |
| 2                            | Live Births                                                                                                         | 2,757             | 20.4  | 2,681            | 19.8  | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 1,877             | 680.8 | 1,831            | 683.0 | 3        |
| 4                            | Mother under age 20                                                                                                 | 262               | 95.0  | 251              | 93.6  | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 323               | 117.2 | 315              | 117.5 | 5        |
| 6                            | Congenital Malformations                                                                                            | 16                | 5.8   | 16               | 6.0   | 6        |
| 7                            | Deaths from All Causes                                                                                              | 644               | 4.8   | 626              | 4.6   | 7        |
| 8                            | Maternal Deaths                                                                                                     | 2                 | 72.5  | 2                | 74.6  | 8        |
| 9                            | Fetal Deaths                                                                                                        | 24                | 8.7   | 22               | 8.2   | 9        |
| 10                           | Neonatal Deaths                                                                                                     | 18                | 6.5   | 18               | 6.7   | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 42                | 15.2  | 40               | 14.9  | 11       |
| 12                           | Infant Deaths                                                                                                       | 36                | 13.1  | 38               | 14.2  | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | 554               | 18.7  | ...              | ...   | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | 28                | 0.9   | ...              | ...   | 14       |
| 15                           | Marriages **                                                                                                        | ...               | ...   | ...              | ...   | 15       |
| 16                           | Same-Gender Marriages **                                                                                            | ...               | ...   | ...              | ...   | 16       |
| 17                           | Dissolutions **                                                                                                     | ...               | ...   | ...              | ...   | 17       |
| - Selected Causes of Death - |                                                                                                                     |                   |       |                  |       |          |
| 18                           | Tuberculosis, All Forms                                                                                             | 1                 | 0.7   | 1                | 0.7   | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | 1                 | 0.7   | 1                | 0.7   | 19       |
| 20                           | Other Tuberculosis                                                                                                  | 0                 | 0.0   | 0                | 0.0   | 20       |
| 21                           | Syphilis                                                                                                            | 0                 | 0.0   | 0                | 0.0   | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 15                | 11.1  | 14               | 10.3  | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 121               | 89.3  | 119              | 87.9  | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | 3                 | 2.2   | 3                | 2.2   | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 37                | 27.3  | 37               | 27.3  | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 38                | 28.1  | 36               | 26.6  | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 6                 | 4.4   | 6                | 4.4   | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 16                | 11.8  | 16               | 11.8  | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 5                 | 3.7   | 5                | 3.7   | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 13                | 9.6   | 13               | 9.6   | 30       |
| 31                           | Leukemia                                                                                                            | 0                 | 0.0   | 0                | 0.0   | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 3                 | 2.2   | 3                | 2.2   | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | 6                 | 4.4   | 6                | 4.4   | 33       |
| 34                           | Anemias                                                                                                             | 2                 | 1.5   | 3                | 2.2   | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 22                | 16.2  | 22               | 16.2  | 35       |
| 36                           | Meningitis                                                                                                          | 0                 | 0.0   | 0                | 0.0   | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 16                | 11.8  | 15               | 11.1  | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 174               | 128.5 | 172              | 127.0 | 38       |
| 39                           | Diseases of Heart                                                                                                   | 131               | 96.7  | 128              | 94.5  | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | 1                 | 0.7   | 1                | 0.7   | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | 13                | 9.6   | 13               | 9.6   | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | 3                 | 2.2   | 3                | 2.2   | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 77                | 56.8  | 73               | 53.9  | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 16                | 11.8  | 16               | 11.8  | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | 1                 | 0.7   | 1                | 0.7   | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 60                | 44.3  | 56               | 41.3  | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 25                | 18.5  | 24               | 17.7  | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 35                | 25.8  | 32               | 23.6  | 48       |
| 49                           | Other Heart Diseases                                                                                                | 37                | 27.3  | 38               | 28.1  | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | 12                | 8.9   | 12               | 8.9   | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 26                | 19.2  | 27               | 19.9  | 51       |
| 52                           | Atherosclerosis                                                                                                     | 1                 | 0.7   | 1                | 0.7   | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | 4                 | 3.0   | 4                | 3.0   | 53       |
| 54                           | Influenza                                                                                                           | 1                 | 0.7   | 1                | 0.7   | 54       |
| 55                           | Pneumonia                                                                                                           | 6                 | 4.4   | 6                | 4.4   | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | 0                 | 0.0   | 0                | 0.0   | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 34                | 25.1  | 34               | 25.1  | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | 0                 | 0.0   | 0                | 0.0   | 58       |
| 59                           | Emphysema                                                                                                           | 2                 | 1.5   | 2                | 1.5   | 59       |
| 60                           | Asthma                                                                                                              | 6                 | 4.4   | 6                | 4.4   | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 26                | 19.2  | 26               | 19.2  | 61       |
| 62                           | Peptic Ulcer                                                                                                        | 1                 | 0.7   | 1                | 0.7   | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 9                 | 6.6   | 9                | 6.6   | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | 0                 | 0.0   | 0                | 0.0   | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 15                | 11.1  | 14               | 10.3  | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | 0                 | 0.0   | 0                | 0.0   | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | 1                 | 0.7   | 1                | 0.7   | 67       |
| 68                           | Renal Failure                                                                                                       | 14                | 10.3  | 13               | 9.6   | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | 0                 | 0.0   | 0                | 0.0   | 69       |
| 70                           | Infections of Kidney                                                                                                | 0                 | 0.0   | 0                | 0.0   | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | 0                 | 0.0   | 0                | 0.0   | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | 2                 | 1.5   | 2                | 1.5   | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | 13                | 9.6   | 13               | 9.6   | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | 9                 | 6.6   | 9                | 6.6   | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | 6                 | 4.4   | 7                | 5.2   | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | 5                 | 3.7   | 5                | 3.7   | 76       |
| 77                           | All Other Diseases                                                                                                  | 74                | 54.6  | 75               | 55.4  | 77       |
| 78                           | Unintentional Injuries                                                                                              | 75                | 55.4  | 62               | 45.8  | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 32                | 23.6  | 20               | 14.8  | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 43                | 31.7  | 42               | 31.0  | 80       |
| 81                           | Suicides                                                                                                            | 9                 | 6.6   | 10               | 7.4   | 81       |
| 82                           | Teen Suicides                                                                                                       | 1                 | 0.7   | 1                | 0.7   | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | 26                | 19.2  | 24               | 17.7  | 83       |
| 84                           | Other External Causes                                                                                               | 2                 | 1.5   | 2                | 1.5   | 84       |

\* Source: U.S. Census Bureau  
\*\* Not Available by Race

**TABLE 4 C**  
**ASIAN/PACIFIC ISLANDER**  
**SUMMARY OF SELECTED VITAL EVENTS FOR THE STATE OF IOWA, 2016**

| Line No.                     |                                                                                                                     | Occurrence Number | Rate  | Residence Number | Rate  | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|-------|------------------|-------|----------|
| 1                            | Population – July 1 – 86,373 *                                                                                      |                   |       |                  |       | 1        |
| 2                            | Live Births                                                                                                         | 1,434             | 16.6  | 1,403            | 16.2  | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 284               | 198.0 | 277              | 197.4 | 3        |
| 4                            | Mother under age 20                                                                                                 | 39                | 27.2  | 36               | 25.7  | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 104               | 72.5  | 106              | 75.6  | 5        |
| 6                            | Congenital Malformations                                                                                            | 6                 | 4.2   | 6                | 4.3   | 6        |
| 7                            | Deaths from All Causes                                                                                              | 166               | 1.9   | 164              | 1.9   | 7        |
| 8                            | Maternal Deaths                                                                                                     | 1                 | 69.7  | 1                | 71.3  | 8        |
| 9                            | Fetal Deaths                                                                                                        | 10                | 7.0   | 10               | 7.1   | 9        |
| 10                           | Neonatal Deaths                                                                                                     | 6                 | 4.2   | 7                | 5.0   | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 16                | 11.2  | 17               | 12.1  | 11       |
| 12                           | Infant Deaths                                                                                                       | 7                 | 4.9   | 9                | 6.4   | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | 181               | 7.8   | ...              | ...   | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | 15                | 0.6   | ...              | ...   | 14       |
| 15                           | Marriages **                                                                                                        | ...               | ...   | ...              | ...   | 15       |
| 16                           | Same-Gender Marriages **                                                                                            | ...               | ...   | ...              | ...   | 16       |
| 17                           | Dissolutions **                                                                                                     | ...               | ...   | ...              | ...   | 17       |
| - Selected Causes of Death - |                                                                                                                     |                   |       |                  |       |          |
| 18                           | Tuberculosis, All Forms                                                                                             | 0                 | 0.0   | 0                | 0.0   | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | 0                 | 0.0   | 0                | 0.0   | 19       |
| 20                           | Other Tuberculosis                                                                                                  | 0                 | 0.0   | 0                | 0.0   | 20       |
| 21                           | Syphilis                                                                                                            | 0                 | 0.0   | 0                | 0.0   | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 6                 | 6.9   | 6                | 6.9   | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 41                | 47.5  | 40               | 46.3  | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | 1                 | 1.2   | 1                | 1.2   | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 16                | 18.5  | 17               | 19.7  | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 9                 | 10.4  | 8                | 9.3   | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 5                 | 5.8   | 5                | 5.8   | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 4                 | 4.6   | 3                | 3.5   | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 1                 | 1.2   | 1                | 1.2   | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 4                 | 4.6   | 4                | 4.6   | 30       |
| 31                           | Leukemia                                                                                                            | 1                 | 1.2   | 1                | 1.2   | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 0                 | 0.0   | 0                | 0.0   | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | 0                 | 0.0   | 0                | 0.0   | 33       |
| 34                           | Anemias                                                                                                             | 0                 | 0.0   | 0                | 0.0   | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 5                 | 5.8   | 4                | 4.6   | 35       |
| 36                           | Meningitis                                                                                                          | 0                 | 0.0   | 0                | 0.0   | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 3                 | 3.5   | 2                | 2.3   | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 44                | 50.9  | 42               | 48.6  | 38       |
| 39                           | Diseases of Heart                                                                                                   | 31                | 35.9  | 28               | 32.4  | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | 0                 | 0.0   | 0                | 0.0   | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | 2                 | 2.3   | 1                | 1.2   | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | 2                 | 2.3   | 2                | 2.3   | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 19                | 22.0  | 18               | 20.8  | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 6                 | 6.9   | 5                | 5.8   | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | 0                 | 0.0   | 0                | 0.0   | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 13                | 15.1  | 13               | 15.1  | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 4                 | 4.6   | 4                | 4.6   | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 9                 | 10.4  | 9                | 10.4  | 48       |
| 49                           | Other Heart Diseases                                                                                                | 8                 | 9.3   | 7                | 8.1   | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | 3                 | 3.5   | 3                | 3.5   | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 8                 | 9.3   | 9                | 10.4  | 51       |
| 52                           | Atherosclerosis                                                                                                     | 1                 | 1.2   | 1                | 1.2   | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | 1                 | 1.2   | 1                | 1.2   | 53       |
| 54                           | Influenza                                                                                                           | 0                 | 0.0   | 0                | 0.0   | 54       |
| 55                           | Pneumonia                                                                                                           | 0                 | 0.0   | 0                | 0.0   | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | 0                 | 0.0   | 0                | 0.0   | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 7                 | 8.1   | 7                | 8.1   | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | 0                 | 0.0   | 0                | 0.0   | 58       |
| 59                           | Emphysema                                                                                                           | 0                 | 0.0   | 0                | 0.0   | 59       |
| 60                           | Asthma                                                                                                              | 1                 | 1.2   | 1                | 1.2   | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 6                 | 6.9   | 6                | 6.9   | 61       |
| 62                           | Peptic Ulcer                                                                                                        | 0                 | 0.0   | 0                | 0.0   | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 3                 | 3.5   | 3                | 3.5   | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | 0                 | 0.0   | 0                | 0.0   | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 0                 | 0.0   | 0                | 0.0   | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | 0                 | 0.0   | 0                | 0.0   | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | 0                 | 0.0   | 0                | 0.0   | 67       |
| 68                           | Renal Failure                                                                                                       | 0                 | 0.0   | 0                | 0.0   | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | 0                 | 0.0   | 0                | 0.0   | 69       |
| 70                           | Infections of Kidney                                                                                                | 0                 | 0.0   | 0                | 0.0   | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | 0                 | 0.0   | 0                | 0.0   | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | 1                 | 1.2   | 1                | 1.2   | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | 4                 | 4.6   | 5                | 5.8   | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | 3                 | 3.5   | 3                | 3.5   | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | 1                 | 1.2   | 1                | 1.2   | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | 2                 | 2.3   | 2                | 2.3   | 76       |
| 77                           | All Other Diseases                                                                                                  | 21                | 24.3  | 21               | 24.3  | 77       |
| 78                           | Unintentional Injuries                                                                                              | 13                | 15.1  | 15               | 17.4  | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 4                 | 4.6   | 6                | 6.9   | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 9                 | 10.4  | 9                | 10.4  | 80       |
| 81                           | Suicides                                                                                                            | 9                 | 10.4  | 9                | 10.4  | 81       |
| 82                           | Teen Suicides                                                                                                       | 1                 | 1.2   | 1                | 1.2   | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | 1                 | 1.2   | 1                | 1.2   | 83       |
| 84                           | Other External Causes                                                                                               | 2                 | 2.3   | 2                | 2.3   | 84       |

\* Source: U.S. Census Bureau  
\*\* Not Available by Race

**TABLE 4 D**  
**OTHER**  
**SUMMARY OF SELECTED VITAL EVENTS FOR THE STATE OF IOWA, 2016**

| Line No.                     |                                                                                                                     | Occurrence<br>Number | Rate  | Residence<br>Number | Rate  | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------|-------|---------------------|-------|----------|
|                              |                                                                                                                     |                      |       |                     |       |          |
| 1                            | Population – July 1 – 18,021 *                                                                                      |                      |       |                     |       | 1        |
| 2                            | Live Births                                                                                                         | 1,904                | 105.7 | 1,633               | 90.6  | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 1,050                | 551.5 | 880                 | 538.9 | 3        |
| 4                            | Mother under age 20                                                                                                 | 187                  | 98.2  | 164                 | 100.4 | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 131                  | 68.8  | 123                 | 75.3  | 5        |
| 6                            | Congenital Malformations                                                                                            | 12                   | 6.3   | 10                  | 6.1   | 6        |
| 7                            | Deaths from All Causes                                                                                              | 199                  | 11.0  | 173                 | 9.6   | 7        |
| 8                            | Maternal Deaths                                                                                                     | 0                    | 0.0   | 0                   | 0.0   | 8        |
| 9                            | Fetal Deaths                                                                                                        | 10                   | 5.3   | 6                   | 3.7   | 9        |
| 10                           | Neonatal Deaths                                                                                                     | 7                    | 3.7   | 6                   | 3.7   | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 17                   | 8.9   | 12                  | 7.3   | 11       |
| 12                           | Infant Deaths                                                                                                       | 10                   | 5.3   | 9                   | 5.5   | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...                  | ...   | ...                 | ...   | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...                  | ...   | ...                 | ...   | 14       |
| 15                           | Marriages **                                                                                                        | ...                  | ...   | ...                 | ...   | 15       |
| 16                           | Same-Gender Marriages **                                                                                            | ...                  | ...   | ...                 | ...   | 16       |
| 17                           | Dissolutions **                                                                                                     | ...                  | ...   | ...                 | ...   | 17       |
| - Selected Causes of Death - |                                                                                                                     |                      |       |                     |       |          |
| 18                           | Tuberculosis, All Forms                                                                                             | 0                    | 0.0   | 0                   | 0.0   | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | 0                    | 0.0   | 0                   | 0.0   | 19       |
| 20                           | Other Tuberculosis                                                                                                  | 0                    | 0.0   | 0                   | 0.0   | 20       |
| 21                           | Syphilis                                                                                                            | 0                    | 0.0   | 0                   | 0.0   | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 8                    | 44.4  | 6                   | 33.3  | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 34                   | 188.7 | 34                  | 188.7 | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | 0                    | 0.0   | 0                   | 0.0   | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 8                    | 44.4  | 7                   | 38.8  | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 8                    | 44.4  | 8                   | 44.4  | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 2                    | 11.1  | 2                   | 11.1  | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 2                    | 11.1  | 3                   | 16.6  | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 2                    | 11.1  | 1                   | 5.5   | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 10                   | 55.5  | 10                  | 55.5  | 30       |
| 31                           | Leukemia                                                                                                            | 2                    | 11.1  | 2                   | 11.1  | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 0                    | 0.0   | 1                   | 5.5   | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | 0                    | 0.0   | 0                   | 0.0   | 33       |
| 34                           | Anemias                                                                                                             | 0                    | 0.0   | 0                   | 0.0   | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 18                   | 99.9  | 14                  | 77.7  | 35       |
| 36                           | Meningitis                                                                                                          | 0                    | 0.0   | 0                   | 0.0   | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 2                    | 11.1  | 2                   | 11.1  | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 36                   | 199.8 | 32                  | 177.6 | 38       |
| 39                           | Diseases of Heart                                                                                                   | 27                   | 149.8 | 25                  | 138.7 | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | 0                    | 0.0   | 0                   | 0.0   | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | 2                    | 11.1  | 2                   | 11.1  | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | 0                    | 0.0   | 0                   | 0.0   | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 17                   | 94.3  | 16                  | 88.8  | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 2                    | 11.1  | 2                   | 11.1  | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | 0                    | 0.0   | 0                   | 0.0   | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 15                   | 83.2  | 14                  | 77.7  | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 3                    | 16.6  | 2                   | 11.1  | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 12                   | 66.6  | 12                  | 66.6  | 48       |
| 49                           | Other Heart Diseases                                                                                                | 8                    | 44.4  | 7                   | 38.8  | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | 2                    | 11.1  | 2                   | 11.1  | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 4                    | 22.2  | 3                   | 16.6  | 51       |
| 52                           | Atherosclerosis                                                                                                     | 1                    | 5.5   | 1                   | 5.5   | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | 2                    | 11.1  | 1                   | 5.5   | 53       |
| 54                           | Influenza                                                                                                           | 1                    | 5.5   | 1                   | 5.5   | 54       |
| 55                           | Pneumonia                                                                                                           | 1                    | 5.5   | 1                   | 5.5   | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | 0                    | 0.0   | 0                   | 0.0   | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 8                    | 44.4  | 5                   | 27.7  | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | 0                    | 0.0   | 0                   | 0.0   | 58       |
| 59                           | Emphysema                                                                                                           | 0                    | 0.0   | 0                   | 0.0   | 59       |
| 60                           | Asthma                                                                                                              | 0                    | 0.0   | 0                   | 0.0   | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 8                    | 44.4  | 5                   | 27.7  | 61       |
| 62                           | Peptic Ulcer                                                                                                        | 0                    | 0.0   | 0                   | 0.0   | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 11                   | 61.0  | 8                   | 44.4  | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | 0                    | 0.0   | 0                   | 0.0   | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 3                    | 16.6  | 3                   | 16.6  | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | 0                    | 0.0   | 0                   | 0.0   | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | 0                    | 0.0   | 0                   | 0.0   | 67       |
| 68                           | Renal Failure                                                                                                       | 3                    | 16.6  | 3                   | 16.6  | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | 0                    | 0.0   | 0                   | 0.0   | 69       |
| 70                           | Infections of Kidney                                                                                                | 0                    | 0.0   | 0                   | 0.0   | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | 0                    | 0.0   | 0                   | 0.0   | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | 0                    | 0.0   | 0                   | 0.0   | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | 2                    | 11.1  | 2                   | 11.1  | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | 10                   | 55.5  | 8                   | 44.4  | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | 0                    | 0.0   | 0                   | 0.0   | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | 0                    | 0.0   | 0                   | 0.0   | 76       |
| 77                           | All Other Diseases                                                                                                  | 30                   | 166.5 | 27                  | 149.8 | 77       |
| 78                           | Unintentional Injuries                                                                                              | 25                   | 138.7 | 21                  | 116.5 | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 13                   | 72.1  | 11                  | 61.0  | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 12                   | 66.6  | 10                  | 55.5  | 80       |
| 81                           | Suicides                                                                                                            | 5                    | 27.7  | 4                   | 22.2  | 81       |
| 82                           | Teen Suicides                                                                                                       | 0                    | 0.0   | 0                   | 0.0   | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | 5                    | 27.7  | 5                   | 27.7  | 83       |
| 84                           | Other External Causes                                                                                               | 0                    | 0.0   | 0                   | 0.0   | 84       |

\* Source: U.S. Census Bureau  
\*\* Not Available by Race

**TABLE 4 E**  
**HISPANIC**  
**SUMMARY OF SELECTED VITAL EVENTS FOR THE STATE OF IOWA, 2016**

| Line No.                     |                                                                                                                     | Occurrence Number | Rate  | Residence Number | Rate  | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|-------|------------------|-------|----------|
| 1                            | Population – July 1 – 182,606 *                                                                                     |                   |       |                  |       | 1        |
| 2                            | Live Births                                                                                                         | 3,664             | 20.1  | 3,402            | 18.6  | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 1,868             | 509.8 | 1,761            | 517.6 | 3        |
| 4                            | Mother under age 20                                                                                                 | 352               | 96.1  | 345              | 101.4 | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 219               | 59.8  | 227              | 66.7  | 5        |
| 6                            | Congenital Malformations                                                                                            | 22                | 6.0   | 20               | 5.9   | 6        |
| 7                            | Deaths from All Causes                                                                                              | 322               | 1.8   | 316              | 1.7   | 7        |
| 8                            | Maternal Deaths                                                                                                     | 1                 | 27.3  | 1                | 29.4  | 8        |
| 9                            | Fetal Deaths                                                                                                        | 15                | 4.1   | 14               | 4.1   | 9        |
| 10                           | Neonatal Deaths                                                                                                     | 15                | 4.1   | 19               | 5.6   | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 30                | 8.2   | 33               | 9.7   | 11       |
| 12                           | Infant Deaths                                                                                                       | 22                | 6.0   | 27               | 7.9   | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...               | ...   | ...              | ...   | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...               | ...   | ...              | ...   | 14       |
| 15                           | Marriages **                                                                                                        | ...               | ...   | ...              | ...   | 15       |
| 16                           | Same-Gender Marriages **                                                                                            | ...               | ...   | ...              | ...   | 16       |
| 17                           | Dissolutions **                                                                                                     | ...               | ...   | ...              | ...   | 17       |
| - Selected Causes of Death - |                                                                                                                     |                   |       |                  |       |          |
| 18                           | Tuberculosis, All Forms                                                                                             | 0                 | 0.0   | 0                | 0.0   | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | 0                 | 0.0   | 0                | 0.0   | 19       |
| 20                           | Other Tuberculosis                                                                                                  | 0                 | 0.0   | 0                | 0.0   | 20       |
| 21                           | Syphilis                                                                                                            | 0                 | 0.0   | 0                | 0.0   | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 10                | 5.5   | 9                | 4.9   | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 55                | 30.1  | 54               | 29.6  | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | 1                 | 0.5   | 1                | 0.5   | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 15                | 8.2   | 12               | 6.6   | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 8                 | 4.4   | 8                | 4.4   | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 5                 | 2.7   | 5                | 2.7   | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 5                 | 2.7   | 5                | 2.7   | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 3                 | 1.6   | 3                | 1.6   | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 13                | 7.1   | 13               | 7.1   | 30       |
| 31                           | Leukemia                                                                                                            | 5                 | 2.7   | 6                | 3.3   | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 0                 | 0.0   | 1                | 0.5   | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | 3                 | 1.6   | 3                | 1.6   | 33       |
| 34                           | Anemias                                                                                                             | 0                 | 0.0   | 0                | 0.0   | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 18                | 9.9   | 18               | 9.9   | 35       |
| 36                           | Meningitis                                                                                                          | 0                 | 0.0   | 0                | 0.0   | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 7                 | 3.8   | 7                | 3.8   | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 55                | 30.1  | 53               | 29.0  | 38       |
| 39                           | Diseases of Heart                                                                                                   | 44                | 24.1  | 43               | 23.5  | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | 0                 | 0.0   | 0                | 0.0   | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | 1                 | 0.5   | 1                | 0.5   | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | 2                 | 1.1   | 2                | 1.1   | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 27                | 14.8  | 26               | 14.2  | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 6                 | 3.3   | 6                | 3.3   | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | 1                 | 0.5   | 1                | 0.5   | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 20                | 11.0  | 19               | 10.4  | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 8                 | 4.4   | 6                | 3.3   | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 12                | 6.6   | 13               | 7.1   | 48       |
| 49                           | Other Heart Diseases                                                                                                | 14                | 7.7   | 14               | 7.7   | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | 2                 | 1.1   | 2                | 1.1   | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 8                 | 4.4   | 7                | 3.8   | 51       |
| 52                           | Atherosclerosis                                                                                                     | 1                 | 0.5   | 1                | 0.5   | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | 0                 | 0.0   | 0                | 0.0   | 53       |
| 54                           | Influenza                                                                                                           | 1                 | 0.5   | 1                | 0.5   | 54       |
| 55                           | Pneumonia                                                                                                           | 2                 | 1.1   | 3                | 1.6   | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | 0                 | 0.0   | 0                | 0.0   | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 5                 | 2.7   | 5                | 2.7   | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | 0                 | 0.0   | 0                | 0.0   | 58       |
| 59                           | Emphysema                                                                                                           | 0                 | 0.0   | 0                | 0.0   | 59       |
| 60                           | Asthma                                                                                                              | 0                 | 0.0   | 0                | 0.0   | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 5                 | 2.7   | 5                | 2.7   | 61       |
| 62                           | Peptic Ulcer                                                                                                        | 0                 | 0.0   | 0                | 0.0   | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 17                | 9.3   | 16               | 8.8   | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | 0                 | 0.0   | 0                | 0.0   | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 7                 | 3.8   | 8                | 4.4   | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | 0                 | 0.0   | 0                | 0.0   | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | 0                 | 0.0   | 0                | 0.0   | 67       |
| 68                           | Renal Failure                                                                                                       | 7                 | 3.8   | 8                | 4.4   | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | 0                 | 0.0   | 0                | 0.0   | 69       |
| 70                           | Infections of Kidney                                                                                                | 0                 | 0.0   | 0                | 0.0   | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | 0                 | 0.0   | 0                | 0.0   | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | 1                 | 0.5   | 1                | 0.5   | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | 11                | 6.0   | 15               | 8.2   | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | 12                | 6.6   | 11               | 6.0   | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | 0                 | 0.0   | 0                | 0.0   | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | 3                 | 1.6   | 4                | 2.2   | 76       |
| 77                           | All Other Diseases                                                                                                  | 51                | 27.9  | 53               | 29.0  | 77       |
| 78                           | Unintentional Injuries                                                                                              | 49                | 26.8  | 41               | 22.5  | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 24                | 13.1  | 20               | 11.0  | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 25                | 13.7  | 21               | 11.5  | 80       |
| 81                           | Suicides                                                                                                            | 5                 | 2.7   | 4                | 2.2   | 81       |
| 82                           | Teen Suicides                                                                                                       | 0                 | 0.0   | 0                | 0.0   | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | 8                 | 4.4   | 8                | 4.4   | 83       |
| 84                           | Other External Causes                                                                                               | 2                 | 1.1   | 2                | 1.1   | 84       |

\* Source: U.S. Census Bureau  
\*\* Not Available by Ethnicity

**TABLE 5**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     |                                                                                                                     | Adair<br>Number | Adair<br>Rate | Adams<br>Number | Adams<br>Rate | Allamakee<br>Number | Allamakee<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------|---------------|-----------------|---------------|---------------------|-------------------|----------|
| 1                            | Population – July 1                                                                                                 | 7,092           | ...           | 3,693           | ...           | 13,884              | ...               | 1        |
| 2                            | Live Births                                                                                                         | 77              | 10.9          | 38              | 10.3          | 198                 | 14.3              | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 23              | 298.7         | 14              | 368.4         | 59                  | 298.0             | 3        |
| 4                            | Mother under age 20                                                                                                 | *               | *             | *               | *             | 7                   | 35.4              | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | *               | *             | *               | *             | *                   | *                 | 5        |
| 6                            | Congenital Malformations                                                                                            | *               | *             | *               | *             | *                   | *                 | 6        |
| 7                            | Deaths from All Causes                                                                                              | 106             | 14.9          | 47              | 12.7          | 151                 | 10.9              | 7        |
| 8                            | Maternal Deaths                                                                                                     | *               | *             | *               | *             | *                   | *                 | 8        |
| 9                            | Fetal Deaths                                                                                                        | *               | *             | *               | *             | *                   | *                 | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *               | *             | *               | *             | *                   | *                 | 10       |
| 11                           | Perinatal Deaths                                                                                                    | *               | *             | *               | *             | *                   | *                 | 11       |
| 12                           | Infant Deaths                                                                                                       | *               | *             | *               | *             | *                   | *                 | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...             | ...           | ...             | ...           | ...                 | ...               | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...             | ...           | ...             | ...           | ...                 | ...               | 14       |
| 15                           | Marriages                                                                                                           | 52              | 7.3           | 30              | 8.1           | 82                  | 5.9               | 15       |
| 16                           | Same-Gender Marriages                                                                                               | *               | *             | *               | *             | *                   | *                 | 16       |
| 17                           | Dissolutions                                                                                                        | 9               | 1.3           | 8               | 2.2           | 27                  | 1.9               | 17       |
| - Selected Causes of Death - |                                                                                                                     |                 |               |                 |               |                     |                   |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *               | *             | *               | *             | *                   | *                 | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *               | *             | *               | *             | *                   | *                 | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *               | *             | *               | *             | *                   | *                 | 20       |
| 21                           | Syphilis                                                                                                            | *               | *             | *               | *             | *                   | *                 | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | *               | *             | *               | *             | *                   | *                 | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 18              | 253.8         | 11              | 297.9         | 28                  | 201.7             | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *               | *             | *               | *             | *                   | *                 | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 6               | 84.6          | *               | *             | 6                   | 43.2              | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | *               | *             | *               | *             | 8                   | 57.6              | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | *               | *             | *               | *             | *                   | *                 | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | *               | *             | *               | *             | *                   | *                 | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | *               | *             | *               | *             | *                   | *                 | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | *               | *             | *               | *             | *                   | *                 | 30       |
| 31                           | Leukemia                                                                                                            | *               | *             | *               | *             | *                   | *                 | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *               | *             | *               | *             | *                   | *                 | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *               | *             | *               | *             | *                   | *                 | 33       |
| 34                           | Anemias                                                                                                             | *               | *             | *               | *             | *                   | *                 | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | *               | *             | *               | *             | *                   | *                 | 35       |
| 36                           | Meningitis                                                                                                          | *               | *             | *               | *             | *                   | *                 | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | *               | *             | *               | *             | 15                  | 108.0             | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 39              | 549.9         | 19              | 514.5         | 47                  | 338.5             | 38       |
| 39                           | Diseases of Heart                                                                                                   | 33              | 465.3         | 14              | 379.1         | 37                  | 266.5             | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *               | *             | *               | *             | *                   | *                 | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *               | *             | *               | *             | *                   | *                 | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *               | *             | *               | *             | *                   | *                 | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 26              | 366.6         | 8               | 216.6         | 25                  | 180.1             | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 16              | 225.6         | *               | *             | 9                   | 64.8              | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *               | *             | *               | *             | *                   | *                 | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 10              | 141.0         | *               | *             | 16                  | 115.2             | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | *               | *             | *               | *             | *                   | *                 | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 9               | 126.9         | *               | *             | 14                  | 100.8             | 48       |
| 49                           | Other Heart Diseases                                                                                                | *               | *             | *               | *             | 9                   | 64.8              | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *               | *             | *               | *             | *                   | *                 | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | *               | *             | *               | *             | 7                   | 50.4              | 51       |
| 52                           | Atherosclerosis                                                                                                     | *               | *             | *               | *             | *                   | *                 | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *               | *             | *               | *             | *                   | *                 | 53       |
| 54                           | Influenza                                                                                                           | *               | *             | *               | *             | *                   | *                 | 54       |
| 55                           | Pneumonia                                                                                                           | *               | *             | *               | *             | *                   | *                 | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *               | *             | *               | *             | *                   | *                 | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 8               | 112.8         | *               | *             | *                   | *                 | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *               | *             | *               | *             | *                   | *                 | 58       |
| 59                           | Emphysema                                                                                                           | *               | *             | *               | *             | *                   | *                 | 59       |
| 60                           | Asthma                                                                                                              | *               | *             | *               | *             | *                   | *                 | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 8               | 112.8         | *               | *             | *                   | *                 | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *               | *             | *               | *             | *                   | *                 | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | *               | *             | *               | *             | *                   | *                 | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *               | *             | *               | *             | *                   | *                 | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *               | *             | *               | *             | *                   | *                 | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *               | *             | *               | *             | *                   | *                 | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *               | *             | *               | *             | *                   | *                 | 67       |
| 68                           | Renal Failure                                                                                                       | *               | *             | *               | *             | *                   | *                 | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *               | *             | *               | *             | *                   | *                 | 69       |
| 70                           | Infections of Kidney                                                                                                | *               | *             | *               | *             | *                   | *                 | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *               | *             | *               | *             | *                   | *                 | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *               | *             | *               | *             | *                   | *                 | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *               | *             | *               | *             | *                   | *                 | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *               | *             | *               | *             | *                   | *                 | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *               | *             | *               | *             | *                   | *                 | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *               | *             | *               | *             | *                   | *                 | 76       |
| 77                           | All Other Diseases                                                                                                  | 11              | 155.1         | *               | *             | 23                  | 165.7             | 77       |
| 78                           | Unintentional Injuries                                                                                              | 6               | 84.6          | *               | *             | 7                   | 50.4              | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | *               | *             | *               | *             | *                   | *                 | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | *               | *             | *               | *             | 6                   | 43.2              | 80       |
| 81                           | Suicides                                                                                                            | *               | *             | *               | *             | *                   | *                 | 81       |
| 82                           | Teen Suicides                                                                                                       | *               | *             | *               | *             | *                   | *                 | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *               | *             | *               | *             | *                   | *                 | 83       |
| 84                           | Other External Causes                                                                                               | *               | *             | *               | *             | *                   | *                 | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     | Appanoose |       | Audubon |       | Benton |       | Black Hawk |       | Boone  |       | Bremer |       | Buchanan |       | Buena Vista |       | Line No. |
|------------------------------|-----------|-------|---------|-------|--------|-------|------------|-------|--------|-------|--------|-------|----------|-------|-------------|-------|----------|
|                              | Number    | Rate  | Number  | Rate  | Number | Rate  | Number     | Rate  | Number | Rate  | Number | Rate  | Number   | Rate  | Number      | Rate  |          |
| 1                            | 12,462    | ...   | 5,678   | ...   | 25,699 | ...   | 132,904    | ...   | 26,532 | ...   | 24,798 | ...   | 20,992   | ...   | 20,332      | ...   | 1        |
| 2                            | 155       | 12.4  | 54      | 9.5   | 316    | 12.3  | 1,669      | 12.6  | 301    | 11.3  | 251    | 10.1  | 296      | 14.1  | 315         | 15.5  | 2        |
| 3                            | 69        | 445.2 | 12      | 222.2 | 89     | 281.6 | 714        | 427.8 | 84     | 279.1 | 52     | 207.2 | 77       | 260.1 | 132         | 419.0 | 3        |
| 4                            | 12        | 77.4  | *       | *     | 10     | 31.6  | 73         | 43.7  | 12     | 39.9  | *      | *     | 7        | 23.6  | 19          | 60.3  | 4        |
| 5                            | 11        | 71.0  | *       | *     | 13     | 41.1  | 118        | 70.7  | 19     | 63.1  | 14     | 55.8  | 13       | 43.9  | 17          | 54.0  | 5        |
| 6                            | *         | *     | *       | *     | *      | *     | 9          | 5.4   | *      | *     | *      | *     | *        | *     | *           | *     | 6        |
| 7                            | 155       | 12.4  | 88      | 15.5  | 223    | 8.7   | 1,240      | 9.3   | 306    | 11.5  | 219    | 8.8   | 195      | 9.3   | 191         | 9.4   | 7        |
| 8                            | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 8        |
| 9                            | *         | *     | *       | *     | *      | *     | 17         | 10.2  | *      | *     | *      | *     | *        | *     | *           | *     | 9        |
| 10                           | *         | *     | *       | *     | *      | *     | 8          | 4.8   | *      | *     | *      | *     | *        | *     | *           | *     | 10       |
| 11                           | *         | *     | *       | *     | *      | *     | 25         | 15.0  | *      | *     | *      | *     | *        | *     | *           | *     | 11       |
| 12                           | *         | *     | *       | *     | *      | *     | 13         | 7.8   | *      | *     | *      | *     | *        | *     | *           | *     | 12       |
| 13                           | ...       | ...   | ...     | ...   | ...    | ...   | ...        | ...   | ...    | ...   | ...    | ...   | ...      | ...   | ...         | ...   | 13       |
| 14                           | ...       | ...   | ...     | ...   | ...    | ...   | ...        | ...   | ...    | ...   | ...    | ...   | ...      | ...   | ...         | ...   | 14       |
| 15                           | 146       | 11.7  | 34      | 6.0   | 104    | 4.0   | 770        | 5.8   | 176    | 6.6   | 128    | 5.2   | 130      | 6.2   | 141         | 6.9   | 15       |
| 16                           | *         | *     | *       | *     | *      | *     | 24         | 0.2   | *      | *     | *      | *     | *        | *     | *           | *     | 16       |
| 17                           | 9         | 0.7   | 9       | 1.6   | 36     | 1.4   | 160        | 1.2   | 46     | 1.7   | 13     | 0.5   | 18       | 0.9   | 60          | 3.0   | 17       |
| - Selected Causes of Death - |           |       |         |       |        |       |            |       |        |       |        |       |          |       |             |       |          |
| 18                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 18       |
| 19                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 19       |
| 20                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 20       |
| 21                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 21       |
| 22                           | *         | *     | *       | *     | *      | *     | 14         | 10.5  | *      | *     | *      | *     | *        | *     | *           | *     | 22       |
| 23                           | 34        | 272.8 | 15      | 264.2 | 54     | 210.1 | 278        | 209.2 | 43     | 162.1 | 54     | 217.8 | 40       | 190.5 | 32          | 157.4 | 23       |
| 24                           | *         | *     | *       | *     | *      | *     | 6          | 4.5   | *      | *     | *      | *     | *        | *     | *           | *     | 24       |
| 25                           | *         | *     | *       | *     | 15     | 58.4  | 64         | 48.2  | 9      | 33.9  | 10     | 40.3  | 10       | 47.6  | 9           | 44.3  | 25       |
| 26                           | 13        | 104.3 | *       | *     | 16     | 62.3  | 65         | 48.9  | 11     | 41.5  | 17     | 68.6  | 13       | 61.9  | 9           | 44.3  | 26       |
| 27                           | *         | *     | *       | *     | *      | *     | 13         | 9.8   | *      | *     | 7      | 28.2  | *        | *     | *           | *     | 27       |
| 28                           | *         | *     | *       | *     | *      | *     | 28         | 21.1  | 7      | 26.4  | 6      | 24.2  | *        | *     | *           | *     | 28       |
| 29                           | *         | *     | *       | *     | *      | *     | 19         | 14.3  | *      | *     | *      | *     | *        | *     | *           | *     | 29       |
| 30                           | *         | *     | *       | *     | *      | *     | 53         | 39.9  | *      | *     | 6      | 24.2  | 7        | 33.3  | 7           | 34.4  | 30       |
| 31                           | *         | *     | *       | *     | *      | *     | 12         | 9.0   | *      | *     | *      | *     | *        | *     | *           | *     | 31       |
| 32                           | *         | *     | *       | *     | *      | *     | 18         | 13.5  | *      | *     | *      | *     | *        | *     | *           | *     | 32       |
| 33                           | *         | *     | *       | *     | *      | *     | 8          | 6.0   | *      | *     | *      | *     | *        | *     | *           | *     | 33       |
| 34                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 34       |
| 35                           | *         | *     | 6       | 105.7 | 7      | 27.2  | 35         | 26.3  | 14     | 52.8  | *      | *     | 9        | 42.9  | 12          | 59.0  | 35       |
| 36                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 36       |
| 37                           | 10        | 80.2  | *       | *     | 6      | 23.3  | 44         | 33.1  | 23     | 86.7  | *      | *     | 10       | 47.6  | 7           | 34.4  | 37       |
| 38                           | 54        | 433.3 | 18      | 317.0 | 57     | 221.8 | 377        | 283.7 | 93     | 350.5 | 78     | 314.5 | 71       | 338.2 | 71          | 349.2 | 38       |
| 39                           | 39        | 313.0 | 16      | 281.8 | 46     | 179.0 | 265        | 199.4 | 72     | 271.4 | 60     | 242.0 | 57       | 271.5 | 53          | 260.7 | 39       |
| 40                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 40       |
| 41                           | *         | *     | *       | *     | *      | *     | 20         | 15.0  | 11     | 41.5  | *      | *     | *        | *     | *           | *     | 41       |
| 42                           | *         | *     | *       | *     | *      | *     | 7          | 5.3   | *      | *     | *      | *     | *        | *     | *           | *     | 42       |
| 43                           | 29        | 232.7 | *       | *     | 37     | 144.0 | 139        | 104.6 | 46     | 173.4 | 37     | 149.2 | 42       | 200.1 | 40          | 196.7 | 43       |
| 44                           | 6         | 48.1  | *       | *     | 22     | 85.6  | 33         | 24.8  | 12     | 45.2  | 7      | 28.2  | 15       | 71.5  | 7           | 34.4  | 44       |
| 45                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 45       |
| 46                           | 23        | 184.6 | *       | *     | 15     | 58.4  | 104        | 78.3  | 34     | 128.1 | 30     | 121.0 | 27       | 128.6 | 33          | 162.3 | 46       |
| 47                           | 15        | 120.4 | *       | *     | *      | *     | 6          | 4.5   | *      | *     | *      | *     | *        | *     | *           | *     | 47       |
| 48                           | 8         | 64.2  | *       | *     | 13     | 50.6  | 98         | 73.7  | 30     | 113.1 | 28     | 112.9 | 25       | 119.1 | 28          | 137.7 | 48       |
| 49                           | 9         | 72.2  | 10      | 176.1 | 6      | 23.3  | 94         | 70.7  | 13     | 49.0  | 18     | 72.6  | 11       | 52.4  | 12          | 59.0  | 49       |
| 50                           | *         | *     | *       | *     | *      | *     | 40         | 30.1  | *      | *     | *      | *     | *        | *     | *           | *     | 50       |
| 51                           | 13        | 104.3 | *       | *     | 7      | 27.2  | 60         | 45.1  | 15     | 56.5  | 11     | 44.4  | 8        | 38.1  | 14          | 68.9  | 51       |
| 52                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 52       |
| 53                           | *         | *     | *       | *     | *      | *     | 10         | 7.5   | *      | *     | *      | *     | *        | *     | *           | *     | 53       |
| 54                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 54       |
| 55                           | *         | *     | *       | *     | *      | *     | 13         | 9.8   | *      | *     | *      | *     | *        | *     | *           | *     | 55       |
| 56                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 56       |
| 57                           | 8         | 64.2  | *       | *     | 18     | 70.0  | 94         | 70.7  | 26     | 98.0  | 16     | 64.5  | 9        | 42.9  | 17          | 83.6  | 57       |
| 58                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 58       |
| 59                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 59       |
| 60                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 60       |
| 61                           | 7         | 56.2  | *       | *     | 17     | 66.2  | 91         | 68.5  | 26     | 98.0  | 14     | 56.5  | 7        | 33.3  | 16          | 78.7  | 61       |
| 62                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 62       |
| 63                           | *         | *     | *       | *     | 6      | 23.3  | 12         | 9.0   | *      | *     | *      | *     | *        | *     | *           | *     | 63       |
| 64                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 64       |
| 65                           | *         | *     | *       | *     | *      | *     | 21         | 15.8  | *      | *     | *      | *     | *        | *     | *           | *     | 65       |
| 66                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 66       |
| 67                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 67       |
| 68                           | *         | *     | *       | *     | *      | *     | 21         | 15.8  | *      | *     | *      | *     | *        | *     | *           | *     | 68       |
| 69                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 69       |
| 70                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 70       |
| 71                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 71       |
| 72                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 72       |
| 73                           | *         | *     | *       | *     | *      | *     | 6          | 4.5   | *      | *     | *      | *     | *        | *     | *           | *     | 73       |
| 74                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 74       |
| 75                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 75       |
| 76                           | *         | *     | *       | *     | *      | *     | 16         | 12.0  | *      | *     | *      | *     | *        | *     | *           | *     | 76       |
| 77                           | 18        | 144.4 | 16      | 281.8 | 33     | 128.4 | 206        | 155.0 | 56     | 211.1 | 32     | 129.0 | 26       | 123.9 | 28          | 137.7 | 77       |
| 78                           | 7         | 56.2  | 10      | 176.1 | 26     | 101.2 | 70         | 52.7  | 21     | 79.1  | 10     | 40.3  | 10       | 47.6  | 10          | 49.2  | 78       |
| 79                           | *         | *     | *       | *     | 12     | 46.7  | 17         | 12.8  | *      | *     | *      | *     | *        | *     | *           | *     | 79       |
| 80                           | *         | *     | 6       | 105.7 | 14     | 54.5  | 53         | 39.9  | 19     | 71.6  | 6      | 24.2  | 8        | 38.1  | 6           | 29.5  | 80       |
| 81                           | *         | *     | *       | *     | *      | *     | 22         | 16.6  | *      | *     | *      | *     | *        | *     | *           | *     | 81       |
| 82                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 82       |
| 83                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 83       |
| 84                           | *         | *     | *       | *     | *      | *     | *          | *     | *      | *     | *      | *     | *        | *     | *           | *     | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line<br>No.                         |                                                                                                                     | Butler<br>Number | Butler<br>Rate | Calhoun<br>Number | Calhoun<br>Rate | Carroll<br>Number | Carroll<br>Rate | Line<br>No. |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|----------------|-------------------|-----------------|-------------------|-----------------|-------------|
| 1                                   | Population – July 1                                                                                                 | 14,791           | ...            | 9,846             | ...             | 20,437            | ...             | 1           |
| 2                                   | Live Births                                                                                                         | 138              | 9.3            | 111               | 11.3            | 265               | 13.0            | 2           |
| 3                                   | Out-of-Wedlock                                                                                                      | 25               | 181.2          | 39                | 351.4           | 84                | 317.0           | 3           |
| 4                                   | Mother under age 20                                                                                                 | 6                | 43.5           | 6                 | 54.1            | 8                 | 30.2            | 4           |
| 5                                   | Low Birth Weight < 2,500 Grams                                                                                      | 7                | 50.7           | 10                | 90.1            | 18                | 67.9            | 5           |
| 6                                   | Congenital Malformations                                                                                            | *                | *              | *                 | *               | *                 | *               | 6           |
| 7                                   | Deaths from All Causes                                                                                              | 189              | 12.8           | 144               | 14.6            | 230               | 11.3            | 7           |
| 8                                   | Maternal Deaths                                                                                                     | *                | *              | *                 | *               | *                 | *               | 8           |
| 9                                   | Fetal Deaths                                                                                                        | *                | *              | *                 | *               | *                 | *               | 9           |
| 10                                  | Neonatal Deaths                                                                                                     | *                | *              | *                 | *               | *                 | *               | 10          |
| 11                                  | Perinatal Deaths                                                                                                    | *                | *              | *                 | *               | *                 | *               | 11          |
| 12                                  | Infant Deaths                                                                                                       | *                | *              | *                 | *               | *                 | *               | 12          |
| 13                                  | Induced Termination of Pregnancy                                                                                    | ...              | ...            | ...               | ...             | ...               | ...             | 13          |
| 14                                  | Spontaneous Termination of Pregnancy                                                                                | ...              | ...            | ...               | ...             | ...               | ...             | 14          |
| 15                                  | Marriages                                                                                                           | 58               | 3.9            | 51                | 5.2             | 142               | 6.9             | 15          |
| 16                                  | Same-Gender Marriages                                                                                               | *                | *              | *                 | *               | *                 | *               | 16          |
| 17                                  | Dissolutions                                                                                                        | 10               | 0.7            | 25                | 2.5             | 38                | 1.9             | 17          |
| <b>- Selected Causes of Death -</b> |                                                                                                                     |                  |                |                   |                 |                   |                 |             |
| 18                                  | Tuberculosis, All Forms                                                                                             | *                | *              | *                 | *               | *                 | *               | 18          |
| 19                                  | Tuberculosis of Respiratory System                                                                                  | *                | *              | *                 | *               | *                 | *               | 19          |
| 20                                  | Other Tuberculosis                                                                                                  | *                | *              | *                 | *               | *                 | *               | 20          |
| 21                                  | Syphilis                                                                                                            | *                | *              | *                 | *               | *                 | *               | 21          |
| 22                                  | Other Infective and Parasitic Diseases                                                                              | *                | *              | *                 | *               | *                 | *               | 22          |
| 23                                  | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 36               | 243.4          | 26                | 264.1           | 65                | 318.1           | 23          |
| 24                                  | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                | *              | *                 | *               | *                 | *               | 24          |
| 25                                  | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 9                | 60.8           | 9                 | 91.4            | 17                | 83.2            | 25          |
| 26                                  | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 12               | 81.1           | 7                 | 71.1            | 13                | 63.6            | 26          |
| 27                                  | Malignant Neoplasms of Breast                                                                                       | *                | *              | *                 | *               | *                 | *               | 27          |
| 28                                  | Malignant Neoplasms of Genital Organs                                                                               | *                | *              | *                 | *               | 10                | 48.9            | 28          |
| 29                                  | Malignant Neoplasms of Urinary Organs                                                                               | *                | *              | *                 | *               | 7                 | 34.3            | 29          |
| 30                                  | Malignant Neoplasms of All Other and Unspecified Sites                                                              | *                | *              | *                 | *               | 9                 | 44.0            | 30          |
| 31                                  | Leukemia                                                                                                            | *                | *              | *                 | *               | *                 | *               | 31          |
| 32                                  | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *                | *              | *                 | *               | *                 | *               | 32          |
| 33                                  | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                | *              | *                 | *               | *                 | *               | 33          |
| 34                                  | Anemias                                                                                                             | *                | *              | *                 | *               | *                 | *               | 34          |
| 35                                  | Diabetes Mellitus                                                                                                   | 6                | 40.6           | *                 | *               | 7                 | 34.3            | 35          |
| 36                                  | Meningitis                                                                                                          | *                | *              | *                 | *               | *                 | *               | 36          |
| 37                                  | Alzheimer's Disease                                                                                                 | *                | *              | *                 | *               | 8                 | 39.1            | 37          |
| 38                                  | Major Cardiovascular Diseases                                                                                       | 68               | 459.7          | 44                | 446.9           | 56                | 274.0           | 38          |
| 39                                  | Diseases of Heart                                                                                                   | 55               | 371.8          | 31                | 314.8           | 35                | 171.3           | 39          |
| 40                                  | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                | *              | *                 | *               | *                 | *               | 40          |
| 41                                  | Hypertensive Heart Disease                                                                                          | *                | *              | *                 | *               | *                 | *               | 41          |
| 42                                  | Hypertensive Heart and Renal Disease                                                                                | *                | *              | *                 | *               | *                 | *               | 42          |
| 43                                  | Ischemic Heart Disease                                                                                              | 35               | 236.6          | 23                | 233.6           | 19                | 93.0            | 43          |
| 44                                  | Acute Myocardial Infarction                                                                                         | 7                | 47.3           | *                 | *               | *                 | *               | 44          |
| 45                                  | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                | *              | *                 | *               | *                 | *               | 45          |
| 46                                  | Other Forms of Chronic Ischemic Heart Disease                                                                       | 28               | 189.3          | 18                | 182.8           | 14                | 68.5            | 46          |
| 47                                  | Atherosclerotic Cardiovascular Disease                                                                              | *                | *              | *                 | *               | *                 | *               | 47          |
| 48                                  | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 25               | 169.0          | 17                | 172.7           | 12                | 58.7            | 48          |
| 49                                  | Other Heart Diseases                                                                                                | 16               | 108.2          | 7                 | 71.1            | 13                | 63.6            | 49          |
| 50                                  | Essential Hypertension and Hypertensive Renal Disease                                                               | *                | *              | *                 | *               | *                 | *               | 50          |
| 51                                  | Cerebrovascular Diseases                                                                                            | 7                | 47.3           | 9                 | 91.4            | 17                | 83.2            | 51          |
| 52                                  | Atherosclerosis                                                                                                     | *                | *              | *                 | *               | *                 | *               | 52          |
| 53                                  | Other Diseases of Circulatory System                                                                                | *                | *              | *                 | *               | *                 | *               | 53          |
| 54                                  | Influenza                                                                                                           | *                | *              | *                 | *               | *                 | *               | 54          |
| 55                                  | Pneumonia                                                                                                           | *                | *              | 7                 | 71.1            | *                 | *               | 55          |
| 56                                  | Acute Bronchitis and Bronchiolitis                                                                                  | *                | *              | *                 | *               | *                 | *               | 56          |
| 57                                  | Chronic Lower Respiratory Diseases                                                                                  | 10               | 67.6           | 11                | 111.7           | 10                | 48.9            | 57          |
| 58                                  | Bronchitis, Chronic and Unspecified                                                                                 | *                | *              | *                 | *               | *                 | *               | 58          |
| 59                                  | Emphysema                                                                                                           | *                | *              | *                 | *               | *                 | *               | 59          |
| 60                                  | Asthma                                                                                                              | *                | *              | *                 | *               | *                 | *               | 60          |
| 61                                  | Other Chronic Lower Respiratory Diseases                                                                            | 7                | 47.3           | 9                 | 91.4            | 10                | 48.9            | 61          |
| 62                                  | Peptic Ulcer                                                                                                        | *                | *              | *                 | *               | *                 | *               | 62          |
| 63                                  | Chronic Liver Disease and Cirrhosis                                                                                 | *                | *              | *                 | *               | *                 | *               | 63          |
| 64                                  | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                | *              | *                 | *               | *                 | *               | 64          |
| 65                                  | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *                | *              | *                 | *               | *                 | *               | 65          |
| 66                                  | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                | *              | *                 | *               | *                 | *               | 66          |
| 67                                  | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                | *              | *                 | *               | *                 | *               | 67          |
| 68                                  | Renal Failure                                                                                                       | *                | *              | *                 | *               | *                 | *               | 68          |
| 69                                  | Other Disorders of Kidney                                                                                           | *                | *              | *                 | *               | *                 | *               | 69          |
| 70                                  | Infections of Kidney                                                                                                | *                | *              | *                 | *               | *                 | *               | 70          |
| 71                                  | Hyperplasia of Prostate                                                                                             | *                | *              | *                 | *               | *                 | *               | 71          |
| 72                                  | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                | *              | *                 | *               | *                 | *               | 72          |
| 73                                  | Certain Conditions Originating in the Perinatal Period                                                              | *                | *              | *                 | *               | *                 | *               | 73          |
| 74                                  | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                | *              | *                 | *               | *                 | *               | 74          |
| 75                                  | Sudden Infant Death Syndrome                                                                                        | *                | *              | *                 | *               | *                 | *               | 75          |
| 76                                  | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                | *              | *                 | *               | 11                | 53.8            | 76          |
| 77                                  | All Other Diseases                                                                                                  | 31               | 209.6          | 33                | 335.2           | 41                | 200.6           | 77          |
| 78                                  | Unintentional Injuries                                                                                              | 11               | 74.4           | 6                 | 60.9            | 10                | 48.9            | 78          |
| 79                                  | Motor Vehicle Crashes                                                                                               | *                | *              | *                 | *               | *                 | *               | 79          |
| 80                                  | All Other Unintentional Injuries                                                                                    | 6                | 40.6           | *                 | *               | 6                 | 29.4            | 80          |
| 81                                  | Suicides                                                                                                            | *                | *              | *                 | *               | *                 | *               | 81          |
| 82                                  | Teen Suicides                                                                                                       | *                | *              | *                 | *               | *                 | *               | 82          |
| 83                                  | Homicide and Legal Intervention                                                                                     | *                | *              | *                 | *               | *                 | *               | 83          |
| 84                                  | Other External Causes                                                                                               | *                | *              | *                 | *               | *                 | *               | 84          |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     | Cass Number | Cass Rate | Cedar Number | Cedar Rate | Cerro Gordo Number | Cerro Gordo Rate | Cherokee Number | Cherokee Rate | Chickasaw Number | Chickasaw Rate | Clarke Number | Clarke Rate | Clay Number | Clay Rate | Clayton Number | Clayton Rate | Line No. |
|------------------------------|-------------|-----------|--------------|------------|--------------------|------------------|-----------------|---------------|------------------|----------------|---------------|-------------|-------------|-----------|----------------|--------------|----------|
| 1                            | 13,157      | ...       | 18,454       | ...        | 43,070             | ...              | 11,508          | ...           | 12,023           | ...            | 9,309         | ...         | 16,333      | ...       | 17,590         | ...          | 1        |
| 2                            | 135         | 10.3      | 167          | 9.0        | 448                | 10.4             | 127             | 11.0          | 143              | 11.9           | 120           | 12.9        | 183         | 11.2      | 172            | 9.8          | 2        |
| 3                            | 43          | 318.5     | 51           | 305.4      | 191                | 426.3            | 35              | 275.6         | 39               | 272.7          | 52            | 433.3       | 66          | 360.7     | 43             | 250.0        | 3        |
| 4                            | 8           | 59.3      | 6            | 35.9       | 21                 | 46.9             | 6               | 47.2          | *                | *              | 10            | 83.3        | *           | *         | *              | *            | 4        |
| 5                            | *           | *         | 9            | 53.9       | 28                 | 62.5             | 13              | 102.4         | 7                | 49.0           | *             | *           | 10          | 54.6      | 10             | 58.1         | 5        |
| 6                            | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 6        |
| 7                            | 191         | 14.5      | 200          | 10.8       | 539                | 12.5             | 175             | 15.2          | 136              | 11.3           | 110           | 11.8        | 171         | 10.5      | 195            | 11.1         | 7        |
| 8                            | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 8        |
| 9                            | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 9        |
| 10                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 10       |
| 11                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 11       |
| 12                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 12       |
| 13                           | ...         | ...       | ...          | ...        | ...                | ...              | ...             | ...           | ...              | ...            | ...           | ...         | ...         | ...       | ...            | ...          | 13       |
| 14                           | ...         | ...       | ...          | ...        | ...                | ...              | ...             | ...           | ...              | ...            | ...           | ...         | ...         | ...       | ...            | ...          | 14       |
| 15                           | 104         | 7.9       | 89           | 4.8        | 321                | 7.5              | 67              | 5.8           | 177              | 14.7           | 45            | 4.8         | 75          | 4.6       | 106            | 6.0          | 15       |
| 16                           | *           | *         | *            | *          | 7                  | 0.2              | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 16       |
| 17                           | 13          | 1.0       | 42           | 2.3        | 136                | 3.2              | *               | *             | *                | *              | 15            | 1.6         | 33          | 2.0       | 33             | 1.9          | 17       |
| - Selected Causes of Death - |             |           |              |            |                    |                  |                 |               |                  |                |               |             |             |           |                |              |          |
| 18                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 18       |
| 19                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 19       |
| 20                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 20       |
| 21                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 21       |
| 22                           | *           | *         | *            | *          | 11                 | 25.5             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 22       |
| 23                           | 46          | 349.6     | 53           | 287.2      | 99                 | 229.9            | 43              | 373.7         | 30               | 249.5          | 31            | 333.0       | 37          | 226.5     | 42             | 238.8        | 23       |
| 24                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 24       |
| 25                           | 10          | 76.0      | *            | *          | 23                 | 53.4             | *               | *             | *                | *              | 7             | 75.2        | 11          | 67.3      | 10             | 56.9         | 25       |
| 26                           | 11          | 83.6      | 12           | 65.0       | 23                 | 53.4             | 14              | 121.7         | 7                | 58.2           | 9             | 96.7        | 12          | 73.5      | 11             | 62.5         | 26       |
| 27                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 27       |
| 28                           | *           | *         | *            | *          | 12                 | 27.9             | 7               | 60.8          | *                | *              | *             | *           | *           | *         | *              | *            | 28       |
| 29                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 29       |
| 30                           | 8           | 60.8      | 16           | 86.7       | 19                 | 44.1             | 9               | 78.2          | 8                | 66.5           | 6             | 64.5        | 6           | 36.7      | 8              | 45.5         | 30       |
| 31                           | *           | *         | *            | *          | 8                  | 18.6             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 31       |
| 32                           | *           | *         | 7            | 37.9       | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 32       |
| 33                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 33       |
| 34                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 34       |
| 35                           | *           | *         | 9            | 48.8       | 9                  | 20.9             | 7               | 60.8          | *                | *              | *             | *           | *           | *         | 10             | 56.9         | 35       |
| 36                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 36       |
| 37                           | 9           | 68.4      | *            | *          | 31                 | 72.0             | 6               | 52.1          | *                | *              | 8             | 85.9        | 8           | 49.0      | 9              | 51.2         | 37       |
| 38                           | 68          | 516.8     | 67           | 363.1      | 164                | 380.8            | 49              | 425.8         | 64               | 532.3          | 36            | 386.7       | 48          | 293.9     | 57             | 324.0        | 38       |
| 39                           | 52          | 395.2     | 53           | 287.2      | 119                | 276.3            | 40              | 347.6         | 47               | 390.9          | 28            | 300.8       | 36          | 220.4     | 43             | 244.5        | 39       |
| 40                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 40       |
| 41                           | *           | *         | *            | *          | 6                  | 13.9             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 41       |
| 42                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 42       |
| 43                           | 40          | 304.0     | 30           | 162.6      | 73                 | 169.5            | 23              | 199.9         | 37               | 307.7          | 19            | 204.1       | 22          | 134.7     | 29             | 164.9        | 43       |
| 44                           | 14          | 106.4     | 7            | 37.9       | 17                 | 39.5             | 7               | 60.8          | 16               | 133.1          | 9             | 96.7        | 7           | 42.9      | 14             | 79.6         | 44       |
| 45                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 45       |
| 46                           | 26          | 197.6     | 23           | 124.6      | 56                 | 130.0            | 15              | 130.3         | 21               | 174.7          | 10            | 107.4       | 15          | 91.8      | 15             | 85.3         | 46       |
| 47                           | 14          | 106.4     | 9            | 48.8       | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 47       |
| 48                           | 12          | 91.2      | 14           | 75.9       | 56                 | 130.0            | 13              | 113.0         | 20               | 166.3          | 10            | 107.4       | 13          | 79.6      | 13             | 73.9         | 48       |
| 49                           | 7           | 53.2      | 17           | 92.1       | 37                 | 85.9             | 14              | 121.7         | 9                | 74.9           | *             | *           | 12          | 73.5      | 12             | 68.2         | 49       |
| 50                           | *           | *         | *            | *          | 14                 | 32.5             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 50       |
| 51                           | 12          | 91.2      | 10           | 54.2       | 26                 | 60.4             | 7               | 60.8          | 11               | 91.5           | 6             | 64.5        | 9           | 55.1      | 8              | 45.5         | 51       |
| 52                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 52       |
| 53                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 53       |
| 54                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 54       |
| 55                           | 6           | 45.6      | *            | *          | 6                  | 13.9             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 55       |
| 56                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 56       |
| 57                           | 18          | 136.8     | 11           | 59.6       | 32                 | 74.3             | 19              | 165.1         | 9                | 74.9           | *             | *           | 13          | 79.6      | 10             | 56.9         | 57       |
| 58                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 58       |
| 59                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 59       |
| 60                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 60       |
| 61                           | 18          | 136.8     | 11           | 59.6       | 29                 | 67.3             | 17              | 147.7         | 9                | 74.9           | *             | *           | 13          | 79.6      | 8              | 45.5         | 61       |
| 62                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 62       |
| 63                           | *           | *         | *            | *          | 7                  | 16.3             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 63       |
| 64                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 64       |
| 65                           | *           | *         | *            | *          | *                  | 9                | 20.9            | *             | *                | *              | *             | *           | *           | *         | *              | *            | 65       |
| 66                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 66       |
| 67                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 67       |
| 68                           | *           | *         | *            | *          | 8                  | 18.6             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 68       |
| 69                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 69       |
| 70                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 70       |
| 71                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 71       |
| 72                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 72       |
| 73                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 73       |
| 74                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 74       |
| 75                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 75       |
| 76                           | *           | *         | *            | *          | 7                  | 16.3             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 76       |
| 77                           | 26          | 197.6     | 34           | 184.2      | 104                | 241.5            | 36              | 312.8         | 14               | 116.4          | 13            | 139.6       | 33          | 202.0     | 44             | 250.1        | 77       |
| 78                           | 8           | 60.8      | *            | *          | 35                 | 81.3             | *               | *             | 8                | 66.5           | *             | *           | *           | *         | 10             | 56.9         | 78       |
| 79                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 79       |
| 80                           | *           | *         | *            | *          | 30                 | 69.7             | *               | *             | *                | *              | *             | *           | *           | *         | 6              | 34.1         | 80       |
| 81                           | *           | *         | *            | *          | 7                  | 16.3             | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 81       |
| 82                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 82       |
| 83                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 83       |
| 84                           | *           | *         | *            | *          | *                  | *                | *               | *             | *                | *              | *             | *           | *           | *         | *              | *            | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     |                                                                                                                     | Clinton<br>Number | Clinton<br>Rate | Crawford<br>Number | Crawford<br>Rate | Dallas<br>Number | Dallas<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|--------------------|------------------|------------------|----------------|----------|
| 1                            | Population – July 1                                                                                                 | 47,309            | ...             | 16,940             | ...              | 84,516           | ...            | 1        |
| 2                            | Live Births                                                                                                         | 576               | 12.2            | 254                | 15.0             | 1,269            | 15.0           | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 278               | 482.6           | 103                | 405.5            | 211              | 166.3          | 3        |
| 4                            | Mother under age 20                                                                                                 | 46                | 79.9            | 23                 | 90.6             | 25               | 19.7           | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 52                | 90.3            | 15                 | 59.1             | 98               | 77.2           | 5        |
| 6                            | Congenital Malformations                                                                                            | *                 | *               | *                  | *                | 11               | 8.7            | 6        |
| 7                            | Deaths from All Causes                                                                                              | 576               | 12.2            | 164                | 9.7              | 487              | 5.8            | 7        |
| 8                            | Maternal Deaths                                                                                                     | *                 | *               | *                  | *                | *                | *              | 8        |
| 9                            | Fetal Deaths                                                                                                        | *                 | *               | *                  | *                | *                | *              | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *                 | *               | *                  | *                | *                | *              | 10       |
| 11                           | Perinatal Deaths                                                                                                    | *                 | *               | *                  | *                | 9                | 7.1            | 11       |
| 12                           | Infant Deaths                                                                                                       | *                 | *               | *                  | *                | *                | *              | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...               | ...             | ...                | ...              | ...              | ...            | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...               | ...             | ...                | ...              | ...              | ...            | 14       |
| 15                           | Marriages                                                                                                           | 302               | 6.4             | 101                | 6.0              | 460              | 5.4            | 15       |
| 16                           | Same-Gender Marriages                                                                                               | 10                | 0.2             | *                  | *                | 9                | 0.1            | 16       |
| 17                           | Dissolutions                                                                                                        | 16                | 0.3             | 45                 | 2.7              | 36               | 0.4            | 17       |
| - Selected Causes of Death - |                                                                                                                     |                   |                 |                    |                  |                  |                |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *                 | *               | *                  | *                | *                | *              | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *                 | *               | *                  | *                | *                | *              | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *                 | *               | *                  | *                | *                | *              | 20       |
| 21                           | Syphilis                                                                                                            | *                 | *               | *                  | *                | *                | *              | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 16                | 33.8            | *                  | *                | 6                | 7.1            | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 114               | 241.0           | 39                 | 230.2            | 114              | 134.9          | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                 | *               | *                  | *                | *                | *              | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 25                | 52.8            | 7                  | 41.3             | 30               | 35.5           | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 36                | 76.1            | 13                 | 76.7             | 28               | 33.1           | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | *                 | *               | *                  | *                | *                | *              | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 6                 | 12.7            | *                  | *                | 14               | 16.6           | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | *                 | *               | *                  | *                | *                | *              | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 23                | 48.6            | 8                  | 47.2             | 16               | 18.9           | 30       |
| 31                           | Leukemia                                                                                                            | 6                 | 12.7            | *                  | *                | *                | *              | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 6                 | 12.7            | *                  | *                | 12               | 14.2           | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                 | *               | *                  | *                | *                | *              | 33       |
| 34                           | Anemias                                                                                                             | *                 | *               | *                  | *                | *                | *              | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 19                | 40.2            | *                  | *                | 10               | 11.8           | 35       |
| 36                           | Meningitis                                                                                                          | *                 | *               | *                  | *                | *                | *              | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 32                | 67.6            | 11                 | 64.9             | 48               | 56.8           | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 182               | 384.7           | 49                 | 289.3            | 128              | 151.5          | 38       |
| 39                           | Diseases of Heart                                                                                                   | 152               | 321.3           | 28                 | 165.3            | 101              | 119.5          | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                 | *               | *                  | *                | *                | *              | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *                 | *               | *                  | *                | 8                | 9.5            | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *                 | *               | *                  | *                | *                | *              | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 128               | 270.6           | 18                 | 106.3            | 60               | 71.0           | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 48                | 101.5           | 7                  | 41.3             | 28               | 33.1           | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                 | *               | *                  | *                | *                | *              | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 80                | 169.1           | 11                 | 64.9             | 31               | 36.7           | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 21                | 44.4            | *                  | *                | *                | *              | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 59                | 124.7           | 10                 | 59.0             | 27               | 31.9           | 48       |
| 49                           | Other Heart Diseases                                                                                                | 22                | 46.5            | 8                  | 47.2             | 33               | 39.0           | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *                 | *               | *                  | *                | 7                | 8.3            | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 21                | 44.4            | 17                 | 100.4            | 16               | 18.9           | 51       |
| 52                           | Atherosclerosis                                                                                                     | *                 | *               | *                  | *                | *                | *              | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *                 | *               | *                  | *                | *                | *              | 53       |
| 54                           | Influenza                                                                                                           | *                 | *               | *                  | *                | *                | *              | 54       |
| 55                           | Pneumonia                                                                                                           | 6                 | 12.7            | *                  | *                | *                | *              | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *                 | *               | *                  | *                | *                | *              | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 35                | 74.0            | 11                 | 64.9             | 27               | 31.9           | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *                 | *               | *                  | *                | *                | *              | 58       |
| 59                           | Emphysema                                                                                                           | *                 | *               | *                  | *                | *                | *              | 59       |
| 60                           | Asthma                                                                                                              | *                 | *               | *                  | *                | *                | *              | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 35                | 74.0            | 11                 | 64.9             | 23               | 27.2           | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *                 | *               | *                  | *                | *                | *              | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 8                 | 16.9            | *                  | *                | *                | *              | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                 | *               | *                  | *                | *                | *              | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 6                 | 12.7            | *                  | *                | *                | *              | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                 | *               | *                  | *                | *                | *              | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                 | *               | *                  | *                | *                | *              | 67       |
| 68                           | Renal Failure                                                                                                       | 6                 | 12.7            | *                  | *                | *                | *              | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *                 | *               | *                  | *                | *                | *              | 69       |
| 70                           | Infections of Kidney                                                                                                | *                 | *               | *                  | *                | *                | *              | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *                 | *               | *                  | *                | *                | *              | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                 | *               | *                  | *                | *                | *              | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *                 | *               | *                  | *                | *                | *              | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                 | *               | *                  | *                | *                | *              | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *                 | *               | *                  | *                | *                | *              | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                 | *               | *                  | *                | *                | *              | 76       |
| 77                           | All Other Diseases                                                                                                  | 110               | 232.5           | 21                 | 124.0            | 85               | 100.6          | 77       |
| 78                           | Unintentional Injuries                                                                                              | 28                | 59.2            | 12                 | 70.8             | 22               | 26.0           | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | *                 | *               | *                  | *                | *                | *              | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 24                | 50.7            | 8                  | 47.2             | 17               | 20.1           | 80       |
| 81                           | Suicides                                                                                                            | 8                 | 16.9            | *                  | *                | 13               | 15.4           | 81       |
| 82                           | Teen Suicides                                                                                                       | *                 | *               | *                  | *                | *                | *              | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *                 | *               | *                  | *                | *                | *              | 83       |
| 84                           | Other External Causes                                                                                               | *                 | *               | *                  | *                | *                | *              | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     | Davis<br>Number | Davis<br>Rate | Decatur<br>Number | Decatur<br>Rate | Delaware<br>Number | Delaware<br>Rate | Des Moines<br>Number | Des Moines<br>Rate | Dickinson<br>Number | Dickinson<br>Rate | Dubuque<br>Number | Dubuque<br>Rate | Emmet<br>Number | Emmet<br>Rate | Fayette<br>Number | Fayette<br>Rate | Line No. |
|------------------------------|-----------------|---------------|-------------------|-----------------|--------------------|------------------|----------------------|--------------------|---------------------|-------------------|-------------------|-----------------|-----------------|---------------|-------------------|-----------------|----------|
| 1                            | 8,860           | ...           | 8,141             | ...             | 17,327             | ...              | 39,739               | ...                | 17,243              | ...               | 97,003            | ...             | 9,658           | ...           | 20,054            | ...             | 1        |
| 2                            | 183             | 20.7          | 92                | 11.3            | 190                | 11.0             | 430                  | 10.8               | 149                 | 8.6               | 1,196             | 12.3            | 123             | 12.7          | 212               | 10.6            | 2        |
| 3                            | 29              | 158.5         | 26                | 282.6           | 40                 | 210.5            | 207                  | 481.4              | 47                  | 315.4             | 434               | 362.9           | 58              | 471.5         | 77                | 363.2           | 3        |
| 4                            | *               | *             | *                 | *               | *                  | *                | 35                   | 81.4               | *                   | *                 | 61                | 51.0            | *               | *             | 13                | 61.3            | 4        |
| 5                            | 14              | 76.5          | 6                 | 65.2            | 11                 | 57.9             | 28                   | 65.1               | 8                   | 53.7              | 102               | 85.3            | 14              | 113.8         | 13                | 61.3            | 5        |
| 6                            | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 9                 | 7.5             | *               | *             | *                 | *               | 6        |
| 7                            | 94              | 10.6          | 86                | 10.6            | 170                | 9.8              | 477                  | 12.0               | 189                 | 11.0              | 867               | 8.9             | 121             | 12.5          | 256               | 12.8            | 7        |
| 8                            | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 8        |
| 9                            | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 10                | 8.4             | *               | *             | *                 | *               | 9        |
| 10                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 10       |
| 11                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 10                | 8.4             | *               | *             | *                 | *               | 11       |
| 12                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 12       |
| 13                           | ...             | ...           | ...               | ...             | ...                | ...              | ...                  | ...                | ...                 | ...               | ...               | ...             | ...             | ...           | ...               | ...             | 13       |
| 14                           | ...             | ...           | ...               | ...             | ...                | ...              | ...                  | ...                | ...                 | ...               | ...               | ...             | ...             | ...           | ...               | ...             | 14       |
| 15                           | 44              | 5.0           | 48                | 5.9             | 130                | 7.5              | 258                  | 6.5                | 214                 | 12.4              | 685               | 7.1             | 42              | 4.3           | 89                | 4.4             | 15       |
| 16                           | *               | *             | *                 | *               | *                  | *                | 8                    | 0.2                | *                   | *                 | 14                | 0.1             | *               | *             | *                 | *               | 16       |
| 17                           | 7               | 0.8           | 16                | 2.0             | 15                 | 0.9              | *                    | *                  | 47                  | 2.7               | 183               | 1.9             | 25              | 2.6           | 41                | 2.0             | 17       |
| - Selected Causes of Death - |                 |               |                   |                 |                    |                  |                      |                    |                     |                   |                   |                 |                 |               |                   |                 |          |
| 18                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 18       |
| 19                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 19       |
| 20                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 20       |
| 21                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 21       |
| 22                           | *               | *             | *                 | *               | *                  | *                | 12                   | 30.2               | *                   | *                 | 8                 | 8.2             | *               | *             | *                 | *               | 22       |
| 23                           | 14              | 158.0         | 17                | 208.8           | 39                 | 225.1            | 122                  | 307.0              | 44                  | 255.2             | 204               | 210.3           | 36              | 372.7         | 54                | 269.3           | 23       |
| 24                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 24       |
| 25                           | *               | *             | 8                 | 98.3            | 16                 | 92.3             | 24                   | 60.4               | 17                  | 98.6              | 51                | 52.6            | 10              | 103.5         | 14                | 69.8            | 25       |
| 26                           | *               | *             | *                 | *               | 6                  | 34.6             | 39                   | 98.1               | 12                  | 69.6              | 49                | 50.5            | 7               | 72.5          | 14                | 69.8            | 26       |
| 27                           | *               | *             | *                 | *               | *                  | *                | 7                    | 17.6               | *                   | *                 | 10                | 10.3            | *               | *             | *                 | *               | 27       |
| 28                           | *               | *             | *                 | *               | *                  | *                | 7                    | 17.6               | *                   | *                 | 24                | 24.7            | *               | *             | *                 | *               | 28       |
| 29                           | *               | *             | *                 | *               | *                  | *                | 9                    | 22.6               | *                   | *                 | 10                | 10.3            | *               | *             | *                 | *               | 29       |
| 30                           | *               | *             | *                 | *               | 6                  | 34.6             | 22                   | 55.4               | *                   | *                 | 33                | 34.0            | 9               | 93.2          | 7                 | 34.9            | 30       |
| 31                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 12                | 12.4            | *               | *             | 6                 | 29.9            | 31       |
| 32                           | *               | *             | *                 | *               | *                  | *                | 7                    | 17.6               | *                   | *                 | 12                | 12.4            | *               | *             | *                 | *               | 32       |
| 33                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 8                 | 8.2             | *               | *             | *                 | *               | 33       |
| 34                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 34       |
| 35                           | *               | *             | *                 | *               | 6                  | 34.6             | 12                   | 30.2               | 7                   | 40.6              | 19                | 19.6            | *               | *             | 6                 | 29.9            | 35       |
| 36                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 36       |
| 37                           | *               | *             | *                 | *               | 7                  | 40.4             | 25                   | 62.9               | 11                  | 63.8              | 63                | 64.9            | 7               | 72.5          | 14                | 69.8            | 37       |
| 38                           | 31              | 349.9         | 31                | 380.8           | 53                 | 305.9            | 125                  | 314.6              | 74                  | 429.2             | 243               | 250.5           | 31              | 321.0         | 82                | 408.9           | 38       |
| 39                           | 20              | 225.7         | 23                | 282.5           | 41                 | 236.6            | 93                   | 234.0              | 54                  | 313.2             | 184               | 189.7           | 22              | 227.8         | 61                | 304.2           | 39       |
| 40                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 40       |
| 41                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 7                 | 7.2             | *               | *             | *                 | *               | 41       |
| 42                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 42       |
| 43                           | 12              | 135.4         | 16                | 196.5           | 27                 | 155.8            | 64                   | 161.1              | 34                  | 197.2             | 113               | 116.5           | 13              | 134.6         | 35                | 174.5           | 43       |
| 44                           | 7               | 79.0          | *                 | *               | 6                  | 34.6             | 11                   | 27.7               | 15                  | 87.0              | 36                | 37.1            | *               | *             | 7                 | 34.9            | 44       |
| 45                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 45       |
| 46                           | *               | *             | 13                | 159.7           | 21                 | 121.2            | 53                   | 133.4              | 18                  | 104.4             | 77                | 79.4            | 9               | 93.2          | 28                | 139.6           | 46       |
| 47                           | *               | *             | 9                 | 110.6           | 14                 | 80.8             | 21                   | 52.8               | *                   | *                 | 28                | 28.9            | *               | *             | 13                | 64.8            | 47       |
| 48                           | *               | *             | *                 | *               | 7                  | 40.4             | 32                   | 80.5               | 14                  | 81.2              | 49                | 50.5            | 9               | 93.2          | 15                | 74.8            | 48       |
| 49                           | 7               | 79.0          | *                 | *               | 9                  | 51.9             | 25                   | 62.9               | 17                  | 98.6              | 62                | 63.9            | *               | *             | 19                | 94.7            | 49       |
| 50                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 8                 | 8.2             | *               | *             | 6                 | 29.9            | 50       |
| 51                           | 8               | 90.3          | *                 | *               | 9                  | 51.9             | 24                   | 60.4               | 15                  | 87.0              | 39                | 40.2            | *               | *             | 14                | 69.8            | 51       |
| 52                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 52       |
| 53                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 12                | 12.4            | *               | *             | *                 | *               | 53       |
| 54                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 54       |
| 55                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | 17                | 17.5            | *               | *             | *                 | *               | 55       |
| 56                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 56       |
| 57                           | *               | *             | *                 | *               | 8                  | 46.2             | 39                   | 98.1               | 13                  | 75.4              | 55                | 56.7            | *               | *             | 17                | 84.8            | 57       |
| 58                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 58       |
| 59                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 59       |
| 60                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 60       |
| 61                           | *               | *             | *                 | *               | 7                  | 40.4             | 36                   | 90.6               | 13                  | 75.4              | 50                | 51.5            | *               | *             | 16                | 79.8            | 61       |
| 62                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 62       |
| 63                           | *               | *             | *                 | *               | *                  | *                | 11                   | 27.7               | *                   | *                 | 6                 | 6.2             | *               | *             | *                 | *               | 63       |
| 64                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 64       |
| 65                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 65       |
| 66                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 66       |
| 67                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 67       |
| 68                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 68       |
| 69                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 69       |
| 70                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 70       |
| 71                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 71       |
| 72                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 72       |
| 73                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 73       |
| 74                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 74       |
| 75                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 75       |
| 76                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 76       |
| 77                           | 13              | 146.7         | 13                | 159.7           | 32                 | 184.7            | 72                   | 181.2              | 26                  | 150.8             | 169               | 174.2           | 23              | 238.1         | 41                | 204.4           | 77       |
| 78                           | 6               | 67.7          | *                 | *               | 11                 | 63.5             | 27                   | 67.9               | *                   | *                 | 45                | 46.4            | *               | *             | 15                | 74.8            | 78       |
| 79                           | *               | *             | *                 | *               | *                  | *                | 8                    | 20.1               | *                   | *                 | 8                 | 8.2             | *               | *             | *                 | *               | 79       |
| 80                           | *               | *             | *                 | *               | 8                  | 46.2             | 19                   | 47.8               | *                   | *                 | 37                | 38.1            | *               | *             | 11                | 54.9            | 80       |
| 81                           | *               | *             | *                 | *               | *                  | *                | 6                    | 15.1               | *                   | *                 | 11                | 11.3            | *               | *             | *                 | *               | 81       |
| 82                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 82       |
| 83                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 83       |
| 84                           | *               | *             | *                 | *               | *                  | *                | *                    | *                  | *                   | *                 | *                 | *               | *               | *             | *                 | *               | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     |                                                                                                                     | Floyd<br>Number | Floyd<br>Rate | Franklin<br>Number | Franklin<br>Rate | Fremont<br>Number | Fremont<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------|---------------|--------------------|------------------|-------------------|-----------------|----------|
| 1                            | Population – July 1                                                                                                 | 15,873          | ...           | 10,170             | ...              | 6,950             | ...             | 1        |
| 2                            | Live Births                                                                                                         | 188             | 11.8          | 123                | 12.1             | 79                | 11.4            | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 65              | 345.7         | 52                 | 422.8            | 27                | 341.8           | 3        |
| 4                            | Mother under age 20                                                                                                 | *               | *             | 14                 | 113.8            | 6                 | 75.9            | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 9               | 47.9          | *                  | *                | *                 | *               | 5        |
| 6                            | Congenital Malformations                                                                                            | *               | *             | *                  | *                | *                 | *               | 6        |
| 7                            | Deaths from All Causes                                                                                              | 170             | 10.7          | 140                | 13.8             | 86                | 12.4            | 7        |
| 8                            | Maternal Deaths                                                                                                     | *               | *             | *                  | *                | *                 | *               | 8        |
| 9                            | Fetal Deaths                                                                                                        | *               | *             | *                  | *                | *                 | *               | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *               | *             | *                  | *                | *                 | *               | 10       |
| 11                           | Perinatal Deaths                                                                                                    | *               | *             | *                  | *                | *                 | *               | 11       |
| 12                           | Infant Deaths                                                                                                       | *               | *             | *                  | *                | *                 | *               | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...             | ...           | ...                | ...              | ...               | ...             | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...             | ...           | ...                | ...              | ...               | ...             | 14       |
| 15                           | Marriages                                                                                                           | 78              | 4.9           | 52                 | 5.1              | 59                | 8.5             | 15       |
| 16                           | Same-Gender Marriages                                                                                               | *               | *             | *                  | *                | *                 | *               | 16       |
| 17                           | Dissolutions                                                                                                        | 20              | 1.3           | 17                 | 1.7              | 14                | 2.0             | 17       |
| - Selected Causes of Death - |                                                                                                                     |                 |               |                    |                  |                   |                 |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *               | *             | *                  | *                | *                 | *               | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *               | *             | *                  | *                | *                 | *               | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *               | *             | *                  | *                | *                 | *               | 20       |
| 21                           | Syphilis                                                                                                            | *               | *             | *                  | *                | *                 | *               | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | *               | *             | *                  | *                | *                 | *               | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 39              | 245.7         | 21                 | 206.5            | 18                | 259.0           | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *               | *             | *                  | *                | *                 | *               | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 9               | 56.7          | *                  | *                | *                 | *               | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 12              | 75.6          | *                  | *                | *                 | *               | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | *               | *             | *                  | *                | *                 | *               | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | *               | *             | *                  | *                | *                 | *               | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | *               | *             | *                  | *                | *                 | *               | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 8               | 50.4          | *                  | *                | *                 | *               | 30       |
| 31                           | Leukemia                                                                                                            | *               | *             | *                  | *                | *                 | *               | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *               | *             | *                  | *                | *                 | *               | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *               | *             | *                  | *                | *                 | *               | 33       |
| 34                           | Anemias                                                                                                             | *               | *             | *                  | *                | *                 | *               | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | *               | *             | *                  | *                | *                 | *               | 35       |
| 36                           | Meningitis                                                                                                          | *               | *             | *                  | *                | *                 | *               | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 6               | 37.8          | *                  | *                | 7                 | 100.7           | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 62              | 390.6         | 52                 | 511.3            | 25                | 359.7           | 38       |
| 39                           | Diseases of Heart                                                                                                   | 33              | 207.9         | 39                 | 383.5            | 23                | 330.9           | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *               | *             | *                  | *                | *                 | *               | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *               | *             | *                  | *                | *                 | *               | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *               | *             | *                  | *                | *                 | *               | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 22              | 138.6         | 28                 | 275.3            | 15                | 215.8           | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 7               | 44.1          | *                  | *                | *                 | *               | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *               | *             | *                  | *                | *                 | *               | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 15              | 94.5          | 27                 | 265.5            | 13                | 187.1           | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | *               | *             | 6                  | 59.0             | *                 | *               | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 13              | 81.9          | 21                 | 206.5            | 12                | 172.7           | 48       |
| 49                           | Other Heart Diseases                                                                                                | 10              | 63.0          | 9                  | 88.5             | 7                 | 100.7           | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *               | *             | *                  | *                | *                 | *               | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 12              | 75.6          | 11                 | 108.2            | *                 | *               | 51       |
| 52                           | Atherosclerosis                                                                                                     | 16              | 100.8         | *                  | *                | *                 | *               | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *               | *             | *                  | *                | *                 | *               | 53       |
| 54                           | Influenza                                                                                                           | *               | *             | *                  | *                | *                 | *               | 54       |
| 55                           | Pneumonia                                                                                                           | *               | *             | *                  | *                | *                 | *               | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *               | *             | *                  | *                | *                 | *               | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 11              | 69.3          | 6                  | 59.0             | *                 | *               | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *               | *             | *                  | *                | *                 | *               | 58       |
| 59                           | Emphysema                                                                                                           | *               | *             | *                  | *                | *                 | *               | 59       |
| 60                           | Asthma                                                                                                              | *               | *             | *                  | *                | *                 | *               | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 11              | 69.3          | 6                  | 59.0             | *                 | *               | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *               | *             | *                  | *                | *                 | *               | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | *               | *             | *                  | *                | *                 | *               | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *               | *             | *                  | *                | *                 | *               | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 7               | 44.1          | *                  | *                | *                 | *               | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *               | *             | *                  | *                | *                 | *               | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *               | *             | *                  | *                | *                 | *               | 67       |
| 68                           | Renal Failure                                                                                                       | 7               | 44.1          | *                  | *                | *                 | *               | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *               | *             | *                  | *                | *                 | *               | 69       |
| 70                           | Infections of Kidney                                                                                                | *               | *             | *                  | *                | *                 | *               | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *               | *             | *                  | *                | *                 | *               | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *               | *             | *                  | *                | *                 | *               | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *               | *             | *                  | *                | *                 | *               | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *               | *             | *                  | *                | *                 | *               | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *               | *             | *                  | *                | *                 | *               | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *               | *             | *                  | *                | *                 | *               | 76       |
| 77                           | All Other Diseases                                                                                                  | 24              | 151.2         | 30                 | 295.0            | 18                | 259.0           | 77       |
| 78                           | Unintentional Injuries                                                                                              | 10              | 63.0          | 8                  | 78.7             | 6                 | 86.3            | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | *               | *             | *                  | *                | *                 | *               | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 6               | 37.8          | 6                  | 59.0             | *                 | *               | 80       |
| 81                           | Suicides                                                                                                            | *               | *             | *                  | *                | *                 | *               | 81       |
| 82                           | Teen Suicides                                                                                                       | *               | *             | *                  | *                | *                 | *               | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *               | *             | *                  | *                | *                 | *               | 83       |
| 84                           | Other External Causes                                                                                               | *               | *             | *                  | *                | *                 | *               | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     | Greene<br>Number | Greene<br>Rate | Grundy<br>Number | Grundy<br>Rate | Guthrie<br>Number | Guthrie<br>Rate | Hamilton<br>Number | Hamilton<br>Rate | Hancock<br>Number | Hancock<br>Rate | Hardin<br>Number | Hardin<br>Rate | Harrison<br>Number | Harrison<br>Rate | Henry<br>Number | Henry<br>Rate | Line No. |
|------------------------------|------------------|----------------|------------------|----------------|-------------------|-----------------|--------------------|------------------|-------------------|-----------------|------------------|----------------|--------------------|------------------|-----------------|---------------|----------|
| 1                            | 9,011            | ...            | 12,313           | ...            | 10,625            | ...             | 15,076             | ...              | 10,835            | ...             | 17,226           | ...            | 14,149             | ...              | 19,773          | ...           | 1        |
| 2                            | 117              | 13.0           | 135              | 11.0           | 100               | 9.4             | 203                | 13.5             | 118               | 10.9            | 168              | 9.8            | 170                | 12.0             | 235             | 11.9          | 2        |
| 3                            | 45               | 384.6          | 36               | 266.7          | 27                | 270.0           | 74                 | 364.5            | 38                | 322.0           | 58               | 345.2          | 57                 | 335.3            | 99              | 421.3         | 3        |
| 4                            | *                | *              | *                | *              | *                 | *               | 11                 | 54.2             | 9                 | 76.3            | 6                | 35.7           | 6                  | 35.3             | 14              | 59.6          | 4        |
| 5                            | 6                | 51.3           | *                | *              | 6                 | 60.0            | 21                 | 103.4            | *                 | *               | 11               | 65.5           | 12                 | 70.6             | 21              | 89.4          | 5        |
| 6                            | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 6        |
| 7                            | 136              | 15.1           | 145              | 11.8           | 96                | 9.0             | 167                | 11.1             | 118               | 10.9            | 208              | 12.1           | 171                | 12.1             | 215             | 10.9          | 7        |
| 8                            | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 8        |
| 9                            | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 9        |
| 10                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 10       |
| 11                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 11       |
| 12                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 12       |
| 13                           | ...              | ...            | ...              | ...            | ...               | ...             | ...                | ...              | ...               | ...             | ...              | ...            | ...                | ...              | ...             | ...           | 13       |
| 14                           | ...              | ...            | ...              | ...            | ...               | ...             | ...                | ...              | ...               | ...             | ...              | ...            | ...                | ...              | ...             | ...           | 14       |
| 15                           | 59               | 6.5            | 65               | 5.3            | 69                | 6.5             | 98                 | 6.5              | 58                | 5.4             | 107              | 6.2            | 94                 | 6.6              | 124             | 6.3           | 15       |
| 16                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 16       |
| 17                           | 7                | 0.8            | 19               | 1.5            | 12                | 1.1             | 22                 | 1.5              | 16                | 1.5             | 29               | 1.7            | 47                 | 3.3              | *               | *             | 17       |
| - Selected Causes of Death - |                  |                |                  |                |                   |                 |                    |                  |                   |                 |                  |                |                    |                  |                 |               |          |
| 18                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 18       |
| 19                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 19       |
| 20                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 20       |
| 21                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 21       |
| 22                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 22       |
| 23                           | 27               | 299.6          | 37               | 300.5          | 23                | 216.5           | 32                 | 212.3            | 26                | 240.0           | 49               | 284.5          | 28                 | 197.9            | 44              | 222.5         | 23       |
| 24                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 24       |
| 25                           | *                | *              | 7                | 56.9           | 8                 | 75.3            | 6                  | 39.8             | 6                 | 55.4            | 9                | 52.2           | 7                  | 49.5             | 11              | 55.6          | 25       |
| 26                           | 8                | 88.8           | 9                | 73.1           | *                 | *               | 13                 | 86.2             | 9                 | 83.1            | 16               | 92.9           | 9                  | 63.6             | 11              | 55.6          | 26       |
| 27                           | *                | *              | 7                | 56.9           | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 27       |
| 28                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | 6                | 34.8           | *                  | *                | *               | *             | 28       |
| 29                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 29       |
| 30                           | *                | *              | 7                | 56.9           | *                 | *               | 6                  | 39.8             | 6                 | 55.4            | 7                | 40.6           | *                  | *                | 8               | 40.5          | 30       |
| 31                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 31       |
| 32                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 32       |
| 33                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 33       |
| 34                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 34       |
| 35                           | *                | *              | *                | *              | *                 | *               | 9                  | 59.7             | *                 | *               | *                | *              | 9                  | 63.6             | 6               | 30.3          | 35       |
| 36                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 36       |
| 37                           | *                | *              | 6                | 48.7           | *                 | *               | 13                 | 86.2             | *                 | *               | 12               | 69.7           | 7                  | 49.5             | *               | *             | 37       |
| 38                           | 49               | 543.8          | 49               | 398.0          | 25                | 235.3           | 54                 | 358.2            | 37                | 341.5           | 60               | 348.3          | 53                 | 374.6            | 87              | 440.0         | 38       |
| 39                           | 43               | 477.2          | 40               | 324.9          | 18                | 169.4           | 36                 | 238.8            | 28                | 258.4           | 49               | 284.5          | 40                 | 282.7            | 60              | 303.4         | 39       |
| 40                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 40       |
| 41                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 41       |
| 42                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 42       |
| 43                           | 27               | 299.6          | 28               | 227.4          | 14                | 131.8           | 23                 | 152.6            | 16                | 147.7           | 31               | 180.0          | 28                 | 197.9            | 39              | 197.2         | 43       |
| 44                           | *                | *              | *                | *              | *                 | *               | 7                  | 46.4             | 7                 | 64.6            | 15               | 87.1           | *                  | *                | 10              | 50.6          | 44       |
| 45                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 45       |
| 46                           | 22               | 244.1          | 23               | 186.8          | 8                 | 75.3            | 16                 | 106.1            | 8                 | 73.8            | 16               | 92.9           | 26                 | 183.8            | 29              | 146.7         | 46       |
| 47                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | 11              | 55.6          | 47       |
| 48                           | 18               | 199.8          | 21               | 170.6          | 8                 | 75.3            | 14                 | 92.9             | 7                 | 64.6            | 11               | 63.9           | 23                 | 162.6            | 18              | 91.0          | 48       |
| 49                           | 16               | 177.6          | 9                | 73.1           | *                 | *               | 8                  | 53.1             | 8                 | 73.8            | 16               | 92.9           | 8                  | 56.5             | 16              | 80.9          | 49       |
| 50                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 50       |
| 51                           | *                | *              | 8                | 65.0           | *                 | *               | 14                 | 92.9             | 8                 | 73.8            | 9                | 52.2           | 8                  | 56.5             | 21              | 106.2         | 51       |
| 52                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 52       |
| 53                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 53       |
| 54                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 54       |
| 55                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 55       |
| 56                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 56       |
| 57                           | 10               | 111.0          | 9                | 73.1           | 6                 | 56.5            | 15                 | 99.5             | 9                 | 83.1            | 17               | 98.7           | 17                 | 120.1            | 13              | 65.7          | 57       |
| 58                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 58       |
| 59                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 59       |
| 60                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 60       |
| 61                           | 10               | 111.0          | 9                | 73.1           | 6                 | 56.5            | 15                 | 99.5             | 8                 | 73.8            | 17               | 98.7           | 15                 | 106.0            | 13              | 65.7          | 61       |
| 62                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 62       |
| 63                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 63       |
| 64                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 64       |
| 65                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 65       |
| 66                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 66       |
| 67                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 67       |
| 68                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 68       |
| 69                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 69       |
| 70                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 70       |
| 71                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 71       |
| 72                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 72       |
| 73                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 73       |
| 74                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 74       |
| 75                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 75       |
| 76                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 76       |
| 77                           | 16               | 177.6          | 19               | 154.3          | 16                | 150.6           | 30                 | 199.0            | 25                | 230.7           | 42               | 243.8          | 39                 | 275.6            | 35              | 177.0         | 77       |
| 78                           | 8                | 88.8           | *                | *              | *                 | *               | *                  | *                | *                 | *               | 8                | 46.4           | *                  | *                | 13              | 65.7          | 78       |
| 79                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 79       |
| 80                           | 6                | 66.6           | *                | *              | *                 | *               | *                  | *                | *                 | *               | 7                | 40.6           | *                  | *                | 9               | 45.5          | 80       |
| 81                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 81       |
| 82                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 82       |
| 83                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 83       |
| 84                           | *                | *              | *                | *              | *                 | *               | *                  | *                | *                 | *               | *                | *              | *                  | *                | *               | *             | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     |                                                                                                                     | Howard<br>Number | Howard<br>Rate | Humboldt<br>Number | Humboldt<br>Rate | Ida<br>Number | Ida<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|----------------|--------------------|------------------|---------------|-------------|----------|
| 1                            | Population – July 1                                                                                                 | 9,332            | ...            | 9,487              | ...              | 6,985         | ...         | 1        |
| 2                            | Live Births                                                                                                         | 104              | 11.1           | 114                | 12.0             | 78            | 11.2        | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 37               | 355.8          | 33                 | 289.5            | 26            | 333.3       | 3        |
| 4                            | Mother under age 20                                                                                                 | *                | *              | *                  | *                | *             | *           | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 7                | 67.3           | *                  | *                | *             | *           | 5        |
| 6                            | Congenital Malformations                                                                                            | *                | *              | *                  | *                | *             | *           | 6        |
| 7                            | Deaths from All Causes                                                                                              | 103              | 11.0           | 112                | 11.8             | 103           | 14.7        | 7        |
| 8                            | Maternal Deaths                                                                                                     | *                | *              | *                  | *                | *             | *           | 8        |
| 9                            | Fetal Deaths                                                                                                        | *                | *              | *                  | *                | *             | *           | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *                | *              | *                  | *                | *             | *           | 10       |
| 11                           | Perinatal Deaths                                                                                                    | *                | *              | *                  | *                | *             | *           | 11       |
| 12                           | Infant Deaths                                                                                                       | *                | *              | *                  | *                | *             | *           | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...              | ...            | ...                | ...              | ...           | ...         | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...              | ...            | ...                | ...              | ...           | ...         | 14       |
| 15                           | Marriages                                                                                                           | 57               | 6.1            | 71                 | 7.5              | 48            | 6.9         | 15       |
| 16                           | Same-Gender Marriages                                                                                               | *                | *              | *                  | *                | *             | *           | 16       |
| 17                           | Dissolutions                                                                                                        | 9                | 1.0            | 27                 | 2.8              | *             | *           | 17       |
| - Selected Causes of Death - |                                                                                                                     |                  |                |                    |                  |               |             |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *                | *              | *                  | *                | *             | *           | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *                | *              | *                  | *                | *             | *           | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *                | *              | *                  | *                | *             | *           | 20       |
| 21                           | Syphilis                                                                                                            | *                | *              | *                  | *                | *             | *           | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | *                | *              | *                  | *                | *             | *           | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 28               | 300.0          | 24                 | 253.0            | 21            | 300.6       | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                | *              | *                  | *                | *             | *           | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 8                | 85.7           | 6                  | 63.2             | *             | *           | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 9                | 96.4           | 6                  | 63.2             | *             | *           | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | *                | *              | *                  | *                | *             | *           | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | *                | *              | *                  | *                | *             | *           | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | *                | *              | *                  | *                | *             | *           | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | *                | *              | *                  | *                | 6             | 85.9        | 30       |
| 31                           | Leukemia                                                                                                            | *                | *              | *                  | *                | *             | *           | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *                | *              | *                  | *                | *             | *           | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                | *              | *                  | *                | *             | *           | 33       |
| 34                           | Anemias                                                                                                             | *                | *              | *                  | *                | *             | *           | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | *                | *              | *                  | *                | *             | *           | 35       |
| 36                           | Meningitis                                                                                                          | *                | *              | *                  | *                | *             | *           | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | *                | *              | *                  | *                | 9             | 128.8       | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 48               | 514.4          | 45                 | 474.3            | 26            | 372.2       | 38       |
| 39                           | Diseases of Heart                                                                                                   | 37               | 396.5          | 36                 | 379.5            | 22            | 315.0       | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                | *              | *                  | *                | *             | *           | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *                | *              | *                  | *                | *             | *           | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *                | *              | *                  | *                | *             | *           | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 33               | 353.6          | 32                 | 337.3            | 14            | 200.4       | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | *                | *              | *                  | *                | 10            | 143.2       | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                | *              | *                  | *                | *             | *           | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 30               | 321.5          | 29                 | 305.7            | *             | *           | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | *                | *              | 8                  | 84.3             | *             | *           | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 29               | 310.8          | 21                 | 221.4            | *             | *           | 48       |
| 49                           | Other Heart Diseases                                                                                                | *                | *              | *                  | *                | 7             | 100.2       | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *                | *              | *                  | *                | *             | *           | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 8                | 85.7           | 7                  | 73.8             | *             | *           | 51       |
| 52                           | Atherosclerosis                                                                                                     | *                | *              | *                  | *                | *             | *           | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *                | *              | *                  | *                | *             | *           | 53       |
| 54                           | Influenza                                                                                                           | *                | *              | *                  | *                | *             | *           | 54       |
| 55                           | Pneumonia                                                                                                           | *                | *              | *                  | *                | *             | *           | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *                | *              | *                  | *                | *             | *           | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | *                | *              | 6                  | 63.2             | *             | *           | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *                | *              | *                  | *                | *             | *           | 58       |
| 59                           | Emphysema                                                                                                           | *                | *              | *                  | *                | *             | *           | 59       |
| 60                           | Asthma                                                                                                              | *                | *              | *                  | *                | *             | *           | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | *                | *              | 6                  | 63.2             | *             | *           | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *                | *              | *                  | *                | *             | *           | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | *                | *              | *                  | *                | *             | *           | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                | *              | *                  | *                | *             | *           | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *                | *              | *                  | *                | *             | *           | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                | *              | *                  | *                | *             | *           | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                | *              | *                  | *                | *             | *           | 67       |
| 68                           | Renal Failure                                                                                                       | *                | *              | *                  | *                | *             | *           | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *                | *              | *                  | *                | *             | *           | 69       |
| 70                           | Infections of Kidney                                                                                                | *                | *              | *                  | *                | *             | *           | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *                | *              | *                  | *                | *             | *           | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                | *              | *                  | *                | *             | *           | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *                | *              | *                  | *                | *             | *           | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                | *              | *                  | *                | *             | *           | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *                | *              | *                  | *                | *             | *           | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                | *              | *                  | *                | *             | *           | 76       |
| 77                           | All Other Diseases                                                                                                  | 11               | 117.9          | 18                 | 189.7            | 28            | 400.9       | 77       |
| 78                           | Unintentional Injuries                                                                                              | *                | *              | 7                  | 73.8             | *             | *           | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | *                | *              | *                  | *                | *             | *           | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | *                | *              | 6                  | 63.2             | *             | *           | 80       |
| 81                           | Suicides                                                                                                            | *                | *              | *                  | *                | *             | *           | 81       |
| 82                           | Teen Suicides                                                                                                       | *                | *              | *                  | *                | *             | *           | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *                | *              | *                  | *                | *             | *           | 83       |
| 84                           | Other External Causes                                                                                               | *                | *              | *                  | *                | *             | *           | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     | Iowa Number | Iowa Rate | Jackson Number | Jackson Rate | Jasper Number | Jasper Rate | Jefferson Number | Jefferson Rate | Johnson Number | Johnson Rate | Jones Number | Jones Rate | Keokuk Number | Keokuk Rate | Kossuth Number | Kossuth Rate | Line No. |
|------------------------------|-------------|-----------|----------------|--------------|---------------|-------------|------------------|----------------|----------------|--------------|--------------|------------|---------------|-------------|----------------|--------------|----------|
| 1                            | 16,311      | ...       | 19,472         | ...          | 36,708        | ...         | 18,090           | ...            | 146,547        | ...          | 20,439       | ...        | 10,119        | ...         | 15,114         | ...          | 1        |
| 2                            | 179         | 11.0      | 217            | 11.1         | 429           | 11.7        | 144              | 8.0            | 1,856          | 12.7         | 203          | 9.9        | 111           | 11.0        | 176            | 11.6         | 2        |
| 3                            | 51          | 284.9     | 75             | 345.6        | 137           | 319.3       | 55               | 381.9          | 380            | 204.7        | 60           | 295.6      | 40            | 360.4       | 60             | 340.9        | 3        |
| 4                            | *           | *         | *              | *            | 13            | 30.3        | 7                | 48.6           | 41             | 22.1         | 8            | 39.4       | 6             | 54.1        | *              | *            | 4        |
| 5                            | 14          | 78.2      | 19             | 87.6         | 30            | 69.9        | 12               | 83.3           | 127            | 68.4         | 17           | 83.7       | 9             | 81.1        | 12             | 68.2         | 5        |
| 6                            | *           | *         | *              | *            | *             | *           | *                | *              | *              | 6.5          | *            | *          | *             | *           | *              | *            | 6        |
| 7                            | 174         | 10.7      | 186            | 9.6          | 363           | 9.9         | 169              | 9.3            | 784            | 5.3          | 188          | 9.2        | 121           | 12.0        | 174            | 11.5         | 7        |
| 8                            | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 8        |
| 9                            | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 9        |
| 10                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | 12           | 6.5          | *          | *             | *           | *              | *            | 10       |
| 11                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | 16           | 8.6          | *          | *             | *           | *              | *            | 11       |
| 12                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | 17           | 9.2          | *          | *             | *           | *              | *            | 12       |
| 13                           | ...         | ...       | ...            | ...          | ...           | ...         | ...              | ...            | ...            | ...          | ...          | ...        | ...           | ...         | ...            | ...          | 13       |
| 14                           | ...         | ...       | ...            | ...          | ...           | ...         | ...              | ...            | ...            | ...          | ...          | ...        | ...           | ...         | ...            | ...          | 14       |
| 15                           | 118         | 7.2       | 131            | 6.7          | 229           | 6.2         | 134              | 7.4            | 941            | 6.4          | 106          | 5.2        | 56            | 5.5         | 71             | 4.7          | 15       |
| 16                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | 35           | 0.2          | *          | *             | *           | *              | *            | 16       |
| 17                           | 17          | 1.0       | 22             | 1.1          | 11            | 0.3         | 6                | 0.3            | 113            | 0.8          | 6            | 0.3        | *             | *           | 32             | 2.1          | 17       |
| - Selected Causes of Death - |             |           |                |              |               |             |                  |                |                |              |              |            |               |             |                |              |          |
| 18                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 18       |
| 19                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 19       |
| 20                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 20       |
| 21                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 21       |
| 22                           | *           | *         | *              | *            | 8             | 21.8        | *                | *              | 14             | 9.6          | *            | *          | *             | *           | *              | *            | 22       |
| 23                           | 35          | 214.6     | 38             | 195.2        | 90            | 245.2       | 37               | 204.5          | 191            | 130.3        | 49           | 239.7      | 27            | 266.8       | 46             | 304.4        | 23       |
| 24                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 24       |
| 25                           | 8           | 49.0      | 6              | 30.8         | 26            | 70.8        | 11               | 60.8           | 46             | 31.4         | 16           | 78.3       | *             | *           | 9              | 59.5         | 25       |
| 26                           | 7           | 42.9      | 8              | 41.1         | 22            | 59.9        | 10               | 55.3           | 39             | 26.6         | 13           | 63.6       | 7             | 69.2        | 9              | 59.5         | 26       |
| 27                           | *           | *         | *              | *            | 9             | 24.5        | *                | *              | 16             | 10.9         | *            | *          | *             | *           | *              | 27           |          |
| 28                           | *           | *         | 7              | 35.9         | 9             | 24.5        | *                | *              | 27             | 18.4         | *            | *          | *             | *           | 8              | 52.9         | 28       |
| 29                           | *           | *         | *              | *            | 6             | 16.3        | *                | *              | 8              | 5.5          | *            | *          | *             | *           | *              | 29           |          |
| 30                           | 8           | 49.0      | 11             | 56.5         | 12            | 32.7        | 7                | 38.7           | 32             | 21.8         | *            | *          | 6             | 59.3        | 10             | 66.2         | 30       |
| 31                           | *           | *         | *              | *            | *             | *           | *                | *              | 9              | 6.1          | *            | *          | *             | *           | *              | 31           |          |
| 32                           | *           | *         | *              | *            | *             | *           | *                | *              | 11             | 7.5          | *            | *          | *             | *           | *              | 32           |          |
| 33                           | *           | *         | *              | *            | *             | *           | *                | *              | 8              | 5.5          | *            | *          | *             | *           | *              | 33           |          |
| 34                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 34       |
| 35                           | *           | *         | *              | *            | 15            | 40.9        | *                | *              | 12             | 8.2          | 6            | 29.4       | *             | *           | *              | *            | 35       |
| 36                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 36       |
| 37                           | 10          | 61.3      | 7              | 35.9         | 10            | 27.2        | *                | *              | 21             | 14.3         | 9            | 44.0       | *             | *           | *              | *            | 37       |
| 38                           | 56          | 343.3     | 66             | 338.9        | 108           | 294.2       | 57               | 315.1          | 253            | 172.6        | 65           | 318.0      | 45            | 444.7       | 74             | 489.6        | 38       |
| 39                           | 46          | 282.0     | 45             | 231.1        | 78            | 212.5       | 51               | 281.9          | 212            | 144.7        | 54           | 264.2      | 32            | 316.2       | 57             | 377.1        | 39       |
| 40                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 40       |
| 41                           | *           | *         | *              | *            | *             | *           | *                | *              | 28             | 19.1         | *            | *          | *             | *           | *              | *            | 41       |
| 42                           | *           | *         | *              | *            | *             | *           | *                | *              | 6              | 4.1          | *            | *          | *             | *           | *              | *            | 42       |
| 43                           | 32          | 196.2     | 33             | 169.5        | 35            | 95.3        | 39               | 215.6          | 138            | 94.2         | 29           | 141.9      | 19            | 187.8       | 43             | 284.5        | 43       |
| 44                           | 13          | 79.7      | 9              | 46.2         | 8             | 21.8        | 19               | 105.0          | 13             | 8.9          | 13           | 63.6       | 13            | 128.5       | 7              | 46.3         | 44       |
| 45                           | *           | *         | *              | *            | *             | *           | *                | *              | 14             | 9.6          | *            | *          | *             | *           | *              | *            | 45       |
| 46                           | 19          | 116.5     | 24             | 123.3        | 27            | 73.6        | 20               | 110.6          | 125            | 85.3         | 16           | 78.3       | 6             | 59.3        | 36             | 238.2        | 46       |
| 47                           | *           | *         | *              | *            | 7             | 19.1        | 14               | 77.4           | 69             | 47.1         | *            | *          | *             | *           | *              | *            | 47       |
| 48                           | 17          | 104.2     | 20             | 102.7        | 20            | 54.5        | 6                | 33.2           | 56             | 38.2         | 15           | 73.4       | *             | *           | 33             | 218.3        | 48       |
| 49                           | 10          | 61.3      | 12             | 61.6         | 40            | 109.0       | 10               | 55.3           | 39             | 26.6         | 17           | 83.2       | 9             | 88.9        | 9              | 59.5         | 49       |
| 50                           | *           | *         | *              | *            | *             | *           | *                | *              | 14             | 9.6          | *            | *          | *             | *           | *              | *            | 50       |
| 51                           | 9           | 55.2      | 16             | 82.2         | 25            | 68.1        | *                | *              | 25             | 17.1         | *            | *          | 8             | 79.1        | 12             | 79.4         | 51       |
| 52                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 52       |
| 53                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 53       |
| 54                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 54       |
| 55                           | *           | *         | *              | *            | *             | *           | *                | *              | 9              | 6.1          | *            | *          | *             | *           | *              | *            | 55       |
| 56                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 56       |
| 57                           | 8           | 49.0      | 8              | 41.1         | 21            | 57.2        | 12               | 66.3           | 33             | 22.5         | 10           | 48.9       | *             | *           | 10             | 66.2         | 57       |
| 58                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 58       |
| 59                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 59       |
| 60                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 60       |
| 61                           | 7           | 42.9      | 8              | 41.1         | 21            | 57.2        | 12               | 66.3           | 28             | 19.1         | 8            | 39.1       | *             | *           | 10             | 66.2         | 61       |
| 62                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 62       |
| 63                           | *           | *         | *              | *            | *             | *           | *                | *              | 13             | 8.9          | *            | *          | *             | *           | *              | *            | 63       |
| 64                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 64       |
| 65                           | *           | *         | *              | *            | 7             | 19.1        | *                | *              | 7              | 4.8          | *            | *          | *             | *           | *              | *            | 65       |
| 66                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 66       |
| 67                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 67       |
| 68                           | *           | *         | *              | *            | 7             | 19.1        | *                | *              | 7              | 4.8          | *            | *          | *             | *           | *              | *            | 68       |
| 69                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 69       |
| 70                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 70       |
| 71                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 71       |
| 72                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 72       |
| 73                           | *           | *         | *              | *            | *             | *           | *                | *              | 6              | 4.1          | *            | *          | *             | *           | *              | *            | 73       |
| 74                           | *           | *         | *              | *            | *             | *           | *                | *              | 9              | 6.1          | *            | *          | *             | *           | *              | *            | 74       |
| 75                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 75       |
| 76                           | *           | *         | *              | *            | 6             | 16.3        | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 76       |
| 77                           | 31          | 190.1     | 34             | 174.6        | 65            | 177.1       | 25               | 138.2          | 117            | 79.8         | 18           | 88.1       | 24            | 237.2       | 15             | 99.2         | 77       |
| 78                           | 10          | 61.3      | 9              | 46.2         | 13            | 35.4        | 10               | 55.3           | 61             | 41.6         | 15           | 73.4       | 7             | 69.2        | 14             | 92.6         | 78       |
| 79                           | *           | *         | *              | *            | *             | *           | *                | *              | 16             | 10.9         | 6            | 29.4       | *             | *           | *              | *            | 79       |
| 80                           | *           | *         | 6              | 30.8         | 10            | 27.2        | 9                | 49.8           | 45             | 30.7         | 9            | 44.0       | *             | *           | 9              | 59.5         | 80       |
| 81                           | *           | *         | *              | *            | *             | *           | 8                | 44.2           | 16             | 10.9         | *            | *          | *             | *           | *              | *            | 81       |
| 82                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 82       |
| 83                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 83       |
| 84                           | *           | *         | *              | *            | *             | *           | *                | *              | *              | *            | *            | *          | *             | *           | *              | *            | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     |                                                                                                                     | Lee<br>Number | Lee<br>Rate | Linn<br>Number | Linn<br>Rate | Louisa<br>Number | Louisa<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------|-------------|----------------|--------------|------------------|----------------|----------|
| 1                            | Population – July 1                                                                                                 | 34,615        | ...         | 221,661        | ...          | 11,142           | ...            | 1        |
| 2                            | Live Births                                                                                                         | 423           | 12.2        | 2,790          | 12.6         | 141              | 12.7           | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 210           | 496.5       | 1,041          | 373.1        | 44               | 312.1          | 3        |
| 4                            | Mother under age 20                                                                                                 | 37            | 87.5        | 115            | 41.2         | 11               | 78.0           | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 33            | 78.0        | 183            | 65.6         | 6                | 42.6           | 5        |
| 6                            | Congenital Malformations                                                                                            | *             | *           | 19             | 6.8          | *                | *              | 6        |
| 7                            | Deaths from All Causes                                                                                              | 436           | 12.6        | 1,805          | 8.1          | 109              | 9.8            | 7        |
| 8                            | Maternal Deaths                                                                                                     | *             | *           | *              | *            | *                | *              | 8        |
| 9                            | Fetal Deaths                                                                                                        | *             | *           | 12             | 4.3          | *                | *              | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *             | *           | 7              | 2.5          | *                | *              | 10       |
| 11                           | Perinatal Deaths                                                                                                    | *             | *           | 19             | 6.8          | *                | *              | 11       |
| 12                           | Infant Deaths                                                                                                       | *             | *           | 17             | 6.1          | *                | *              | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...           | ...         | ...            | ...          | ...              | ...            | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...           | ...         | ...            | ...          | ...              | ...            | 14       |
| 15                           | Marriages                                                                                                           | 181           | 5.2         | 1,187          | 5.4          | 58               | 5.2            | 15       |
| 16                           | Same-Gender Marriages                                                                                               | *             | *           | 27             | 0.1          | *                | *              | 16       |
| 17                           | Dissolutions                                                                                                        | 37            | 1.1         | 126            | 0.6          | 13               | 1.2            | 17       |
| - Selected Causes of Death - |                                                                                                                     |               |             |                |              |                  |                |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *             | *           | *              | *            | *                | *              | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *             | *           | *              | *            | *                | *              | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *             | *           | *              | *            | *                | *              | 20       |
| 21                           | Syphilis                                                                                                            | *             | *           | *              | *            | *                | *              | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 8             | 23.1        | 25             | 11.3         | *                | *              | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 97            | 280.2       | 428            | 193.1        | 27               | 242.3          | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *             | *           | *              | *            | *                | *              | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 27            | 78.0        | 119            | 53.7         | *                | *              | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 38            | 109.8       | 111            | 50.1         | 11               | 98.7           | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 9             | 26.0        | 31             | 14.0         | *                | *              | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 7             | 20.2        | 44             | 19.9         | *                | *              | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | *             | *           | 13             | 5.9          | *                | *              | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 8             | 23.1        | 61             | 27.5         | *                | *              | 30       |
| 31                           | Leukemia                                                                                                            | *             | *           | 24             | 10.8         | *                | *              | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *             | *           | 22             | 9.9          | *                | *              | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *             | *           | 16             | 7.2          | *                | *              | 33       |
| 34                           | Anemias                                                                                                             | *             | *           | *              | *            | *                | *              | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 8             | 23.1        | 46             | 20.8         | 8                | 71.8           | 35       |
| 36                           | Meningitis                                                                                                          | *             | *           | *              | *            | *                | *              | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 32            | 92.4        | 115            | 51.9         | *                | *              | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 116           | 335.1       | 496            | 223.8        | 37               | 332.1          | 38       |
| 39                           | Diseases of Heart                                                                                                   | 97            | 280.2       | 397            | 179.1        | 26               | 233.4          | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *             | *           | *              | *            | *                | *              | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *             | *           | 15             | 6.8          | *                | *              | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *             | *           | 7              | 3.2          | *                | *              | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 69            | 199.3       | 272            | 122.7        | 14               | 125.7          | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 12            | 34.7        | 33             | 14.9         | 9                | 80.8           | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *             | *           | *              | *            | *                | *              | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 57            | 164.7       | 238            | 107.4        | *                | *              | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 28            | 80.9        | 160            | 72.2         | *                | *              | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 29            | 83.8        | 78             | 35.2         | *                | *              | 48       |
| 49                           | Other Heart Diseases                                                                                                | 23            | 66.4        | 101            | 45.6         | 12               | 107.7          | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *             | *           | 16             | 7.2          | *                | *              | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 14            | 40.4        | 68             | 30.7         | 10               | 89.8           | 51       |
| 52                           | Atherosclerosis                                                                                                     | *             | *           | *              | *            | *                | *              | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *             | *           | 15             | 6.8          | *                | *              | 53       |
| 54                           | Influenza                                                                                                           | *             | *           | *              | *            | *                | *              | 54       |
| 55                           | Pneumonia                                                                                                           | *             | *           | 30             | 13.5         | *                | *              | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *             | *           | *              | *            | *                | *              | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 26            | 75.1        | 114            | 51.4         | 6                | 53.9           | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *             | *           | *              | *            | *                | *              | 58       |
| 59                           | Emphysema                                                                                                           | *             | *           | 6              | 2.7          | *                | *              | 59       |
| 60                           | Asthma                                                                                                              | *             | *           | *              | *            | *                | *              | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 21            | 60.7        | 106            | 47.8         | *                | *              | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *             | *           | *              | *            | *                | *              | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 8             | 23.1        | 26             | 11.7         | *                | *              | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *             | *           | *              | *            | *                | *              | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *             | *           | 20             | 9.0          | *                | *              | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *             | *           | *              | *            | *                | *              | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *             | *           | *              | *            | *                | *              | 67       |
| 68                           | Renal Failure                                                                                                       | *             | *           | 18             | 8.1          | *                | *              | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *             | *           | *              | *            | *                | *              | 69       |
| 70                           | Infections of Kidney                                                                                                | *             | *           | *              | *            | *                | *              | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *             | *           | *              | *            | *                | *              | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *             | *           | *              | *            | *                | *              | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *             | *           | *              | *            | *                | *              | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *             | *           | 8              | 3.6          | *                | *              | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *             | *           | *              | *            | *                | *              | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | 10            | 28.9        | 10             | 4.5          | *                | *              | 76       |
| 77                           | All Other Diseases                                                                                                  | 58            | 167.6       | 311            | 140.3        | 13               | 116.7          | 77       |
| 78                           | Unintentional Injuries                                                                                              | 43            | 124.2       | 89             | 40.2         | *                | *              | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 9             | 26.0        | 23             | 10.4         | *                | *              | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 34            | 98.2        | 66             | 29.8         | *                | *              | 80       |
| 81                           | Suicides                                                                                                            | 6             | 17.3        | 40             | 18.0         | *                | *              | 81       |
| 82                           | Teen Suicides                                                                                                       | *             | *           | *              | *            | *                | *              | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *             | *           | 7              | 3.2          | *                | *              | 83       |
| 84                           | Other External Causes                                                                                               | *             | *           | *              | *            | *                | *              | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                            | Lucas  |       | Lyon   |       | Madison |       | Mahaska |       | Marion |       | Marshall |       | Mills  |       | Mitchell |       | Line No. |
|-------------------------------------|--------|-------|--------|-------|---------|-------|---------|-------|--------|-------|----------|-------|--------|-------|----------|-------|----------|
|                                     | Number | Rate  | Number | Rate  | Number  | Rate  | Number  | Rate  | Number | Rate  | Number   | Rate  | Number | Rate  | Number   | Rate  |          |
| 1                                   | 8,647  | ...   | 11,754 | ...   | 15,848  | ...   | 22,181  | ...   | 33,189 | ...   | 40,312   | ...   | 14,972 | ...   | 10,763   | ...   | 1        |
| 2                                   | 101    | 11.7  | 168    | 14.3  | 171     | 10.8  | 258     | 11.6  | 409    | 12.3  | 536      | 13.3  | 142    | 9.5   | 102      | 9.5   | 2        |
| 3                                   | 41     | 405.9 | 20     | 119.0 | 45      | 263.2 | 82      | 317.8 | 120    | 293.4 | 209      | 389.9 | 45     | 316.9 | 15       | 147.1 | 3        |
| 4                                   | 7      | 69.3  | *      | *     | *       | *     | 13      | 50.4  | 20     | 48.9  | 41       | 76.5  | 6      | 42.3  | *        | *     | 4        |
| 5                                   | *      | *     | 9      | 53.6  | 14      | 81.9  | 17      | 65.9  | 34     | 83.1  | 35       | 65.3  | 17     | 119.7 | *        | *     | 5        |
| 6                                   | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | 6        | 11.2  | *      | *     | *        | *     | 6        |
| 7                                   | 111    | 12.8  | 97     | 8.3   | 157     | 9.9   | 253     | 11.4  | 334    | 10.1  | 473      | 11.7  | 117    | 7.8   | 125      | 11.6  | 7        |
| 8                                   | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 8        |
| 9                                   | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 9        |
| 10                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 10       |
| 11                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | 6        | 11.2  | *      | *     | *        | *     | 11       |
| 12                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 12       |
| 13                                  | ...    | ...   | ...    | ...   | ...     | ...   | ...     | ...   | ...    | ...   | ...      | ...   | ...    | ...   | ...      | ...   | 13       |
| 14                                  | ...    | ...   | ...    | ...   | ...     | ...   | ...     | ...   | ...    | ...   | ...      | ...   | ...    | ...   | ...      | ...   | 14       |
| 15                                  | 53     | 6.1   | 98     | 8.3   | 104     | 6.6   | 155     | 7.0   | 197    | 5.9   | 248      | 6.2   | 181    | 12.1  | 52       | 4.8   | 15       |
| 16                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 16       |
| 17                                  | 15     | 1.7   | 11     | 0.9   | 16      | 1.0   | 12      | 0.5   | 92     | 2.8   | 37       | 0.9   | 10     | 0.7   | 24       | 2.2   | 17       |
| <b>- Selected Causes of Death -</b> |        |       |        |       |         |       |         |       |        |       |          |       |        |       |          |       |          |
| 18                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 18       |
| 19                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 19       |
| 20                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 20       |
| 21                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 21       |
| 22                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | 9        | 22.3  | *      | *     | *        | *     | 22       |
| 23                                  | 26     | 300.7 | 17     | 144.6 | 34      | 214.5 | 61      | 275.0 | 78     | 235.0 | 92       | 228.2 | 28     | 187.0 | 28       | 260.2 | 23       |
| 24                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 24       |
| 25                                  | 8      | 92.5  | *      | *     | *       | *     | 12      | 54.1  | 19     | 57.2  | 24       | 59.5  | *      | *     | 9        | 83.6  | 25       |
| 26                                  | *      | *     | *      | *     | 10      | 63.1  | 22      | 99.2  | 16     | 48.2  | 20       | 49.6  | 7      | 46.8  | 6        | 55.7  | 26       |
| 27                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 27       |
| 28                                  | *      | *     | *      | *     | *       | *     | 6       | 27.1  | 11     | 33.1  | *        | *     | *      | *     | *        | *     | 28       |
| 29                                  | *      | *     | *      | *     | *       | *     | 7       | 31.6  | *      | *     | *        | *     | *      | *     | *        | *     | 29       |
| 30                                  | *      | *     | *      | *     | 8       | 50.5  | *       | *     | 13     | 39.2  | 21       | 52.1  | 7      | 46.8  | 6        | 55.7  | 30       |
| 31                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | 7        | 17.4  | *      | *     | *        | *     | 31       |
| 32                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | 6        | 14.9  | *      | *     | *        | *     | 32       |
| 33                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 33       |
| 34                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 34       |
| 35                                  | 7      | 81.0  | 9      | 76.6  | 7       | 44.2  | *       | *     | 10     | 30.1  | 18       | 44.7  | *      | *     | 6        | 55.7  | 35       |
| 36                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 36       |
| 37                                  | 7      | 81.0  | 7      | 59.6  | 12      | 75.7  | 23      | 103.7 | 17     | 51.2  | 23       | 57.1  | *      | *     | 7        | 65.0  | 37       |
| 38                                  | 40     | 462.6 | 31     | 263.7 | 41      | 258.7 | 93      | 419.3 | 121    | 364.6 | 139      | 344.8 | 27     | 180.3 | 51       | 473.8 | 38       |
| 39                                  | 33     | 381.6 | 25     | 212.7 | 33      | 208.2 | 67      | 302.1 | 100    | 301.3 | 108      | 267.9 | 22     | 146.9 | 45       | 418.1 | 39       |
| 40                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 40       |
| 41                                  | *      | *     | *      | *     | 6       | 37.9  | *       | *     | *      | *     | 32       | 79.4  | *      | *     | *        | *     | 41       |
| 42                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 42       |
| 43                                  | 23     | 266.0 | 15     | 127.6 | 23      | 145.1 | 53      | 238.9 | 63     | 189.8 | 54       | 134.0 | 13     | 86.8  | 34       | 315.9 | 43       |
| 44                                  | 16     | 185.0 | *      | *     | 13      | 82.0  | 6       | 27.1  | 16     | 48.2  | 18       | 44.7  | *      | *     | 12       | 111.5 | 44       |
| 45                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 45       |
| 46                                  | 7      | 81.0  | 11     | 93.6  | 10      | 63.1  | 47      | 211.9 | 47     | 141.6 | 36       | 89.3  | 10     | 66.8  | 22       | 204.4 | 46       |
| 47                                  | *      | *     | 6      | 51.0  | *       | *     | 16      | 72.1  | 21     | 63.3  | 8        | 19.8  | *      | *     | *        | *     | 47       |
| 48                                  | 7      | 81.0  | *      | *     | 7       | 44.2  | 31      | 139.8 | 26     | 78.3  | 28       | 69.5  | 8      | 53.4  | 21       | 195.1 | 48       |
| 49                                  | *      | *     | 7      | 59.6  | *       | *     | 14      | 63.1  | 33     | 99.4  | 19       | 47.1  | 8      | 53.4  | 10       | 92.9  | 49       |
| 50                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 50       |
| 51                                  | 7      | 81.0  | *      | *     | *       | *     | 21      | 94.7  | 18     | 54.2  | 27       | 67.0  | *      | *     | 6        | 55.7  | 51       |
| 52                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 52       |
| 53                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 53       |
| 54                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 54       |
| 55                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | 9        | 27.1  | 7      | 17.4  | *        | *     | 55       |
| 56                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 56       |
| 57                                  | 15     | 173.5 | *      | *     | 8       | 50.5  | 18      | 81.2  | 17     | 51.2  | 35       | 86.8  | 13     | 86.8  | *        | *     | 57       |
| 58                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 58       |
| 59                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 59       |
| 60                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 60       |
| 61                                  | 14     | 161.9 | *      | *     | 8       | 50.5  | 17      | 76.6  | 17     | 51.2  | 32       | 79.4  | 11     | 73.5  | *        | *     | 61       |
| 62                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 62       |
| 63                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | 11       | 27.3  | *      | *     | *        | *     | 63       |
| 64                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 64       |
| 65                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 65       |
| 66                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 66       |
| 67                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 67       |
| 68                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 68       |
| 69                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 69       |
| 70                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 70       |
| 71                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 71       |
| 72                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 72       |
| 73                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 73       |
| 74                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 74       |
| 75                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 75       |
| 76                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | 6        | 14.9  | *      | *     | *        | *     | 76       |
| 77                                  | 6      | 69.4  | 14     | 119.1 | 34      | 214.5 | 30      | 135.3 | 37     | 111.5 | 89       | 220.8 | 19     | 126.9 | 19       | 176.5 | 77       |
| 78                                  | *      | *     | *      | *     | 9       | 56.8  | 12      | 54.1  | 16     | 48.2  | 23       | 57.1  | 8      | 53.4  | 7        | 65.0  | 78       |
| 79                                  | *      | *     | *      | *     | *       | *     | *       | *     | 6      | 18.1  | *        | *     | *      | *     | *        | *     | 79       |
| 80                                  | *      | *     | *      | *     | *       | *     | 7       | 31.6  | 10     | 30.1  | 20       | 49.6  | *      | *     | 6        | 55.7  | 80       |
| 81                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 81       |
| 82                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 82       |
| 83                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 83       |
| 84                                  | *      | *     | *      | *     | *       | *     | *       | *     | *      | *     | *        | *     | *      | *     | *        | *     | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     |                                                                                                                     | Monona<br>Number | Monona<br>Rate | Monroe<br>Number | Monroe<br>Rate | Montgomery<br>Number | Montgomery<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|----------------|------------------|----------------|----------------------|--------------------|----------|
| 1                            | Population – July 1                                                                                                 | 8,898            | ...            | 7,870            | ...            | 10,225               | ...                | 1        |
| 2                            | Live Births                                                                                                         | 101              | 11.4           | 87               | 11.1           | 130                  | 12.7               | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 35               | 346.5          | 29               | 333.3          | 50                   | 384.6              | 3        |
| 4                            | Mother under age 20                                                                                                 | *                | *              | *                | *              | 7                    | 53.8               | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | *                | *              | 6                | 69.0           | *                    | *                  | 5        |
| 6                            | Congenital Malformations                                                                                            | *                | *              | *                | *              | *                    | *                  | 6        |
| 7                            | Deaths from All Causes                                                                                              | 143              | 16.1           | 117              | 14.9           | 125                  | 12.2               | 7        |
| 8                            | Maternal Deaths                                                                                                     | *                | *              | *                | *              | *                    | *                  | 8        |
| 9                            | Fetal Deaths                                                                                                        | *                | *              | *                | *              | *                    | *                  | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *                | *              | *                | *              | *                    | *                  | 10       |
| 11                           | Perinatal Deaths                                                                                                    | *                | *              | *                | *              | *                    | *                  | 11       |
| 12                           | Infant Deaths                                                                                                       | *                | *              | *                | *              | *                    | *                  | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...              | ...            | ...              | ...            | ...                  | ...                | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...              | ...            | ...              | ...            | ...                  | ...                | 14       |
| 15                           | Marriages                                                                                                           | 41               | 4.6            | 43               | 5.5            | 61                   | 6.0                | 15       |
| 16                           | Same-Gender Marriages                                                                                               | *                | *              | *                | *              | *                    | *                  | 16       |
| 17                           | Dissolutions                                                                                                        | 27               | 3.0            | 13               | 1.7            | 30                   | 2.9                | 17       |
| - Selected Causes of Death - |                                                                                                                     |                  |                |                  |                |                      |                    |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *                | *              | *                | *              | *                    | *                  | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *                | *              | *                | *              | *                    | *                  | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *                | *              | *                | *              | *                    | *                  | 20       |
| 21                           | Syphilis                                                                                                            | *                | *              | *                | *              | *                    | *                  | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | *                | *              | *                | *              | *                    | *                  | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 31               | 348.4          | 31               | 393.9          | 30                   | 293.4              | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                | *              | *                | *              | *                    | *                  | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 6                | 67.4           | 9                | 114.4          | *                    | *                  | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 12               | 134.9          | 8                | 101.7          | 6                    | 58.7               | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | *                | *              | *                | *              | *                    | *                  | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | *                | *              | *                | *              | 8                    | 78.2               | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | *                | *              | *                | *              | *                    | *                  | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | *                | *              | *                | *              | 6                    | 58.7               | 30       |
| 31                           | Leukemia                                                                                                            | *                | *              | *                | *              | *                    | *                  | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *                | *              | *                | *              | *                    | *                  | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                | *              | *                | *              | *                    | *                  | 33       |
| 34                           | Anemias                                                                                                             | *                | *              | *                | *              | *                    | *                  | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 8                | 89.9           | *                | *              | *                    | *                  | 35       |
| 36                           | Meningitis                                                                                                          | *                | *              | *                | *              | *                    | *                  | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | *                | *              | 7                | 88.9           | *                    | *                  | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 50               | 561.9          | 29               | 368.5          | 51                   | 498.8              | 38       |
| 39                           | Diseases of Heart                                                                                                   | 48               | 539.4          | 25               | 317.7          | 40                   | 391.2              | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                | *              | *                | *              | *                    | *                  | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *                | *              | *                | *              | *                    | *                  | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *                | *              | *                | *              | *                    | *                  | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 39               | 438.3          | 19               | 241.4          | 30                   | 293.4              | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 6                | 67.4           | 6                | 76.2           | 22                   | 215.2              | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                | *              | *                | *              | *                    | *                  | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 33               | 370.9          | 13               | 165.2          | 8                    | 78.2               | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | *                | *              | *                | *              | *                    | *                  | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 30               | 337.2          | 12               | 152.5          | 6                    | 58.7               | 48       |
| 49                           | Other Heart Diseases                                                                                                | 8                | 89.9           | *                | *              | 10                   | 97.8               | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *                | *              | *                | *              | *                    | *                  | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | *                | *              | *                | *              | 8                    | 78.2               | 51       |
| 52                           | Atherosclerosis                                                                                                     | *                | *              | *                | *              | *                    | *                  | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *                | *              | *                | *              | *                    | *                  | 53       |
| 54                           | Influenza                                                                                                           | *                | *              | *                | *              | *                    | *                  | 54       |
| 55                           | Pneumonia                                                                                                           | *                | *              | 6                | 76.2           | *                    | *                  | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *                | *              | *                | *              | *                    | *                  | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 9                | 101.1          | 6                | 76.2           | 11                   | 107.6              | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *                | *              | *                | *              | *                    | *                  | 58       |
| 59                           | Emphysema                                                                                                           | *                | *              | *                | *              | *                    | *                  | 59       |
| 60                           | Asthma                                                                                                              | *                | *              | *                | *              | *                    | *                  | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 8                | 89.9           | 6                | 76.2           | 11                   | 107.6              | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *                | *              | *                | *              | *                    | *                  | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | *                | *              | *                | *              | *                    | *                  | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                | *              | *                | *              | *                    | *                  | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *                | *              | *                | *              | *                    | *                  | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                | *              | *                | *              | *                    | *                  | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                | *              | *                | *              | *                    | *                  | 67       |
| 68                           | Renal Failure                                                                                                       | *                | *              | *                | *              | *                    | *                  | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *                | *              | *                | *              | *                    | *                  | 69       |
| 70                           | Infections of Kidney                                                                                                | *                | *              | *                | *              | *                    | *                  | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *                | *              | *                | *              | *                    | *                  | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                | *              | *                | *              | *                    | *                  | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *                | *              | *                | *              | *                    | *                  | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                | *              | *                | *              | *                    | *                  | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *                | *              | *                | *              | *                    | *                  | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                | *              | *                | *              | *                    | *                  | 76       |
| 77                           | All Other Diseases                                                                                                  | 17               | 191.1          | 21               | 266.8          | 15                   | 146.7              | 77       |
| 78                           | Unintentional Injuries                                                                                              | 9                | 101.1          | *                | *              | *                    | *                  | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | *                | *              | *                | *              | *                    | *                  | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | *                | *              | *                | *              | *                    | *                  | 80       |
| 81                           | Suicides                                                                                                            | *                | *              | *                | *              | *                    | *                  | 81       |
| 82                           | Teen Suicides                                                                                                       | *                | *              | *                | *              | *                    | *                  | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *                | *              | *                | *              | *                    | *                  | 83       |
| 84                           | Other External Causes                                                                                               | *                | *              | *                | *              | *                    | *                  | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     | Muscantine<br>Number | Muscantine<br>Rate | O'Brien<br>Number | O'Brien<br>Rate | Osceola<br>Number | Osceola<br>Rate | Page<br>Number | Page<br>Rate | Palo Alto<br>Number | Palo Alto<br>Rate | Plymouth<br>Number | Plymouth<br>Rate | Pocahontas<br>Number | Pocahontas<br>Rate | Polk<br>Number | Polk<br>Rate | Line No. |
|------------------------------|----------------------|--------------------|-------------------|-----------------|-------------------|-----------------|----------------|--------------|---------------------|-------------------|--------------------|------------------|----------------------|--------------------|----------------|--------------|----------|
| 1                            | 42,940               | ...                | 14,020            | ...             | 6,064             | ...             | 15,391         | ...          | 9,047               | ...               | 25,200             | ...              | 6,886                | ...                | 474,045        | ...          | 1        |
| 2                            | 539                  | 12.6               | 168               | 12.0            | 80                | 13.2            | 162            | 10.5         | 105                 | 11.6              | 280                | 11.1             | 79                   | 11.5               | 6,914          | 14.6         | 2        |
| 3                            | 228                  | 423.0              | 57                | 339.3           | 25                | 312.5           | 75             | 463.0        | 27                  | 257.1             | 83                 | 296.4            | 29                   | 367.1              | 2,389          | 345.5        | 3        |
| 4                            | 26                   | 48.2               | 11                | 65.5            | *                 | *               | 15             | 92.6         | *                   | *                 | 9                  | 32.1             | *                    | *                  | 322            | 46.6         | 4        |
| 5                            | 35                   | 64.9               | 6                 | 35.7            | *                 | *               | 11             | 67.9         | *                   | *                 | 19                 | 67.9             | *                    | *                  | 495            | 71.6         | 5        |
| 6                            | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 52             | 7.5          | 6        |
| 7                            | 417                  | 9.7                | 199               | 14.2            | 86                | 14.2            | 213            | 13.8         | 118                 | 13.0              | 241                | 9.6              | 98                   | 14.2               | 3,487          | 7.4          | 7        |
| 8                            | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 8        |
| 9                            | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 25             | 3.6          | 9        |
| 10                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 36             | 5.2          | 10       |
| 11                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 61             | 8.8          | 11       |
| 12                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 59             | 8.5          | 12       |
| 13                           | ...                  | ...                | ...               | ...             | ...               | ...             | ...            | ...          | ...                 | ...               | ...                | ...              | ...                  | ...                | ...            | ...          | 13       |
| 14                           | ...                  | ...                | ...               | ...             | ...               | ...             | ...            | ...          | ...                 | ...               | ...                | ...              | ...                  | ...                | ...            | ...          | 14       |
| 15                           | 285                  | 6.6                | 58                | 4.1             | 25                | 4.1             | 76             | 4.9          | 54                  | 6.0               | 144                | 5.7              | 48                   | 7.0                | 3,173          | 6.7          | 15       |
| 16                           | 6                    | 0.1                | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 104            | 0.2          | 16       |
| 17                           | 118                  | 2.7                | 27                | 1.9             | 12                | 2.0             | 40             | 2.6          | *                   | *                 | *                  | *                | 17                   | 2.5                | 361            | 0.8          | 17       |
| - Selected Causes of Death - |                      |                    |                   |                 |                   |                 |                |              |                     |                   |                    |                  |                      |                    |                |              |          |
| 18                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 18       |
| 19                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 19       |
| 20                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 20       |
| 21                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 21       |
| 22                           | 9                    | 21.0               | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 68             | 14.3         | 22       |
| 23                           | 104                  | 242.2              | 44                | 313.8           | 20                | 329.8           | 43             | 279.4        | 32                  | 353.7             | 43                 | 170.6            | 16                   | 232.4              | 743            | 156.7        | 23       |
| 24                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 14             | 3.0          | 24       |
| 25                           | 29                   | 67.5               | 12                | 85.6            | *                 | *               | *              | *            | 10                  | 110.5             | 9                  | 35.7             | *                    | *                  | 163            | 34.4         | 25       |
| 26                           | 20                   | 46.6               | 14                | 99.9            | *                 | *               | 10             | 65.0         | 9                   | 99.5              | 8                  | 31.7             | *                    | *                  | 193            | 40.7         | 26       |
| 27                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 48             | 10.1         | 27       |
| 28                           | 9                    | 21.0               | *                 | *               | *                 | *               | 6              | 39.0         | *                   | *                 | *                  | *                | *                    | *                  | 75             | 15.8         | 28       |
| 29                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 49             | 10.3         | 29       |
| 30                           | 20                   | 46.6               | 7                 | 49.9            | *                 | *               | 8              | 52.0         | *                   | *                 | 13                 | 51.6             | *                    | *                  | 127            | 26.8         | 30       |
| 31                           | 7                    | 16.3               | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 35             | 7.4          | 31       |
| 32                           | 6                    | 14.0               | *                 | *               | *                 | *               | *              | *            | *                   | *                 | 8                  | 31.7             | *                    | *                  | 39             | 8.2          | 32       |
| 33                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 27             | 5.7          | 33       |
| 34                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 7              | 1.5          | 34       |
| 35                           | 14                   | 32.6               | *                 | *               | *                 | *               | 7              | 45.5         | 7                   | 77.4              | 12                 | 47.6             | *                    | *                  | 98             | 20.7         | 35       |
| 36                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 36       |
| 37                           | 12                   | 27.9               | 13                | 92.7            | *                 | *               | *              | *            | *                   | *                 | 17                 | 67.5             | 8                    | 116.2              | 160            | 33.8         | 37       |
| 38                           | 116                  | 270.1              | 69                | 492.2           | 32                | 527.7           | 66             | 428.8        | 38                  | 420.0             | 62                 | 246.0            | 39                   | 566.4              | 960            | 202.5        | 38       |
| 39                           | 92                   | 214.3              | 49                | 349.5           | 21                | 346.3           | 50             | 324.9        | 24                  | 265.3             | 49                 | 194.4            | 34                   | 493.8              | 764            | 161.2        | 39       |
| 40                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 40       |
| 41                           | 7                    | 16.3               | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 47             | 9.9          | 41       |
| 42                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 6              | 1.3          | 42       |
| 43                           | 58                   | 135.1              | 22                | 156.9           | 13                | 214.4           | 34             | 220.9        | 16                  | 176.9             | 24                 | 95.2             | 27                   | 392.1              | 460            | 97.0         | 43       |
| 44                           | 18                   | 41.9               | 8                 | 57.1            | 7                 | 115.4           | 20             | 129.9        | *                   | *                 | 8                  | 31.7             | 10                   | 145.2              | 147            | 31.0         | 44       |
| 45                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 45       |
| 46                           | 40                   | 93.2               | 14                | 99.9            | 6                 | 98.9            | 13             | 84.5         | 13                  | 143.7             | 16                 | 63.5             | 17                   | 246.9              | 312            | 65.8         | 46       |
| 47                           | 26                   | 60.5               | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | 8                    | 116.2              | 76             | 16.0         | 47       |
| 48                           | 14                   | 32.6               | 13                | 92.7            | 6                 | 98.9            | 11             | 71.5         | 9                   | 99.5              | 16                 | 63.5             | 9                    | 130.7              | 236            | 49.8         | 48       |
| 49                           | 27                   | 62.9               | 22                | 156.9           | *                 | *               | 16             | 104.0        | 6                   | 66.3              | 21                 | 83.3             | 7                    | 101.7              | 246            | 51.9         | 49       |
| 50                           | 6                    | 14.0               | 6                 | 42.8            | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 28             | 5.9          | 50       |
| 51                           | 15                   | 34.9               | 10                | 71.3            | 9                 | 148.4           | 13             | 84.5         | 9                   | 99.5              | 7                  | 27.8             | *                    | *                  | 136            | 28.7         | 51       |
| 52                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 7              | 1.5          | 52       |
| 53                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 25             | 5.3          | 53       |
| 54                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 54       |
| 55                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 6              | 87.1         | 55       |
| 56                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 56       |
| 57                           | 27                   | 62.9               | 8                 | 57.1            | 6                 | 98.9            | 21             | 136.4        | 9                   | 99.5              | 17                 | 67.5             | 11                   | 159.7              | 284            | 59.9         | 57       |
| 58                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 58       |
| 59                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 9              | 1.9          | 59       |
| 60                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 60       |
| 61                           | 24                   | 55.9               | 7                 | 49.9            | *                 | *               | 20             | 129.9        | 9                   | 99.5              | 16                 | 63.5             | 11                   | 159.7              | 269            | 56.7         | 61       |
| 62                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 7              | 1.5          | 62       |
| 63                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 63             | 13.3         | 63       |
| 64                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 64       |
| 65                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 41             | 8.6          | 65       |
| 66                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 66       |
| 67                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 67       |
| 68                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 39             | 8.2          | 68       |
| 69                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 69       |
| 70                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 70       |
| 71                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 71       |
| 72                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 72       |
| 73                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 27             | 5.7          | 73       |
| 74                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 25             | 5.3          | 74       |
| 75                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | *              | *            | 75       |
| 76                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 24             | 5.1          | 76       |
| 77                           | 88                   | 204.9              | 38                | 271.0           | 11                | 181.4           | 41             | 266.4        | 15                  | 165.8             | 55                 | 218.3            | 9                    | 130.7              | 567            | 119.6        | 77       |
| 78                           | 15                   | 34.9               | *                 | *               | 7                 | 115.4           | 7              | 45.5         | *                   | *                 | *                  | *                | *                    | *                  | 209            | 44.1         | 78       |
| 79                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 34             | 7.2          | 79       |
| 80                           | 11                   | 25.6               | *                 | *               | 6                 | 98.9            | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 175            | 36.9         | 80       |
| 81                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 71             | 15.0         | 81       |
| 82                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 9              | 1.9          | 82       |
| 83                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 22             | 4.6          | 83       |
| 84                           | *                    | *                  | *                 | *               | *                 | *               | *              | *            | *                   | *                 | *                  | *                | *                    | *                  | 12             | 2.5          | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     |                                                                                                                     | Pottawattamie<br>Number | Pottawattamie<br>Rate | Poweshiek<br>Number | Poweshiek<br>Rate | Ringgold<br>Number | Ringgold<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|---------------------|-------------------|--------------------|------------------|----------|
| 1                            | Population – July 1                                                                                                 | 93,582                  | ...                   | 18,533              | ...               | 5,068              | ...              | 1        |
| 2                            | Live Births                                                                                                         | 1,199                   | 12.8                  | 164                 | 8.8               | 71                 | 14.0             | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 571                     | 476.2                 | 39                  | 237.8             | 23                 | 323.9            | 3        |
| 4                            | Mother under age 20                                                                                                 | 78                      | 65.1                  | *                   | *                 | *                  | *                | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 84                      | 70.1                  | 11                  | 67.1              | *                  | *                | 5        |
| 6                            | Congenital Malformations                                                                                            | 7                       | 5.8                   | *                   | *                 | *                  | *                | 6        |
| 7                            | Deaths from All Causes                                                                                              | 937                     | 10.0                  | 215                 | 11.6              | 84                 | 16.6             | 7        |
| 8                            | Maternal Deaths                                                                                                     | *                       | *                     | *                   | *                 | *                  | *                | 8        |
| 9                            | Fetal Deaths                                                                                                        | *                       | *                     | *                   | *                 | *                  | *                | 9        |
| 10                           | Neonatal Deaths                                                                                                     | 6                       | 5.0                   | *                   | *                 | *                  | *                | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 11                      | 9.2                   | *                   | *                 | *                  | *                | 11       |
| 12                           | Infant Deaths                                                                                                       | 8                       | 6.7                   | *                   | *                 | *                  | *                | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...                     | ...                   | ...                 | ...               | ...                | ...              | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...                     | ...                   | ...                 | ...               | ...                | ...              | 14       |
| 15                           | Marriages                                                                                                           | 503                     | 5.4                   | 105                 | 5.7               | 35                 | 6.9              | 15       |
| 16                           | Same-Gender Marriages                                                                                               | 14                      | 0.1                   | *                   | *                 | *                  | *                | 16       |
| 17                           | Dissolutions                                                                                                        | 250                     | 2.7                   | 12                  | 0.6               | 6                  | 1.2              | 17       |
| - Selected Causes of Death - |                                                                                                                     |                         |                       |                     |                   |                    |                  |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *                       | *                     | *                   | *                 | *                  | *                | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *                       | *                     | *                   | *                 | *                  | *                | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *                       | *                     | *                   | *                 | *                  | *                | 20       |
| 21                           | Syphilis                                                                                                            | *                       | *                     | *                   | *                 | *                  | *                | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 19                      | 20.3                  | *                   | *                 | *                  | *                | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 223                     | 238.3                 | 49                  | 264.4             | 19                 | 374.9            | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                       | *                     | *                   | *                 | *                  | *                | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 58                      | 62.0                  | 12                  | 64.7              | *                  | *                | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 69                      | 73.7                  | 15                  | 80.9              | 6                  | 118.4            | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 14                      | 15.0                  | *                   | *                 | *                  | *                | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 17                      | 18.2                  | *                   | *                 | *                  | *                | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 13                      | 13.9                  | *                   | *                 | *                  | *                | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 29                      | 31.0                  | 12                  | 64.7              | *                  | *                | 30       |
| 31                           | Leukemia                                                                                                            | 9                       | 9.6                   | *                   | *                 | *                  | *                | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 10                      | 10.7                  | *                   | *                 | *                  | *                | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | 6                       | 6.4                   | *                   | *                 | *                  | *                | 33       |
| 34                           | Anemias                                                                                                             | *                       | *                     | *                   | *                 | *                  | *                | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 12                      | 12.8                  | 11                  | 59.4              | *                  | *                | 35       |
| 36                           | Meningitis                                                                                                          | *                       | *                     | *                   | *                 | *                  | *                | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 45                      | 48.1                  | 6                   | 32.4              | 9                  | 177.6            | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 277                     | 296.0                 | 58                  | 313.0             | 25                 | 493.3            | 38       |
| 39                           | Diseases of Heart                                                                                                   | 203                     | 216.9                 | 42                  | 226.6             | 25                 | 493.3            | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                       | *                     | *                   | *                 | *                  | *                | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | 12                      | 12.8                  | *                   | *                 | *                  | *                | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *                       | *                     | *                   | *                 | *                  | *                | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 124                     | 132.5                 | 32                  | 172.7             | 22                 | 434.1            | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 31                      | 33.1                  | 7                   | 37.8              | *                  | *                | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                       | *                     | *                   | *                 | *                  | *                | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 93                      | 99.4                  | 25                  | 134.9             | 21                 | 414.4            | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 28                      | 29.9                  | 12                  | 64.7              | 13                 | 256.5            | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 65                      | 69.5                  | 13                  | 70.1              | 8                  | 157.9            | 48       |
| 49                           | Other Heart Diseases                                                                                                | 65                      | 69.5                  | *                   | *                 | *                  | *                | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | 12                      | 12.8                  | *                   | *                 | *                  | *                | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 49                      | 52.4                  | 9                   | 48.6              | *                  | *                | 51       |
| 52                           | Atherosclerosis                                                                                                     | *                       | *                     | *                   | *                 | *                  | *                | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | 10                      | 10.7                  | *                   | *                 | *                  | *                | 53       |
| 54                           | Influenza                                                                                                           | *                       | *                     | *                   | *                 | *                  | *                | 54       |
| 55                           | Pneumonia                                                                                                           | 17                      | 18.2                  | 7                   | 37.8              | *                  | *                | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *                       | *                     | *                   | *                 | *                  | *                | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 67                      | 71.6                  | 17                  | 91.7              | *                  | *                | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *                       | *                     | *                   | *                 | *                  | *                | 58       |
| 59                           | Emphysema                                                                                                           | *                       | *                     | *                   | *                 | *                  | *                | 59       |
| 60                           | Asthma                                                                                                              | *                       | *                     | *                   | *                 | *                  | *                | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 61                      | 65.2                  | 15                  | 80.9              | *                  | *                | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *                       | *                     | *                   | *                 | *                  | *                | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 10                      | 10.7                  | *                   | *                 | *                  | *                | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                       | *                     | *                   | *                 | *                  | *                | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 12                      | 12.8                  | *                   | *                 | *                  | *                | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                       | *                     | *                   | *                 | *                  | *                | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                       | *                     | *                   | *                 | *                  | *                | 67       |
| 68                           | Renal Failure                                                                                                       | 12                      | 12.8                  | *                   | *                 | *                  | *                | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *                       | *                     | *                   | *                 | *                  | *                | 69       |
| 70                           | Infections of Kidney                                                                                                | *                       | *                     | *                   | *                 | *                  | *                | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *                       | *                     | *                   | *                 | *                  | *                | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                       | *                     | *                   | *                 | *                  | *                | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *                       | *                     | *                   | *                 | *                  | *                | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                       | *                     | *                   | *                 | *                  | *                | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *                       | *                     | *                   | *                 | *                  | *                | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | 8                       | 8.5                   | *                   | *                 | *                  | *                | 76       |
| 77                           | All Other Diseases                                                                                                  | 143                     | 152.8                 | 41                  | 221.2             | 8                  | 157.9            | 77       |
| 78                           | Unintentional Injuries                                                                                              | 62                      | 66.3                  | 6                   | 32.4              | 9                  | 177.6            | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 20                      | 21.4                  | *                   | *                 | *                  | *                | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 42                      | 44.9                  | *                   | *                 | *                  | *                | 80       |
| 81                           | Suicides                                                                                                            | 15                      | 16.0                  | *                   | *                 | *                  | *                | 81       |
| 82                           | Teen Suicides                                                                                                       | *                       | *                     | *                   | *                 | *                  | *                | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *                       | *                     | *                   | *                 | *                  | *                | 83       |
| 84                           | Other External Causes                                                                                               | *                       | *                     | *                   | *                 | *                  | *                | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     | Sac Number | Sac Rate | Scott Number | Scott Rate | Shelby Number | Shelby Rate | Sioux Number | Sioux Rate | Story Number | Story Rate | Tama Number | Tama Rate | Taylor Number | Taylor Rate | Union Number | Union Rate | Line No. |
|------------------------------|------------|----------|--------------|------------|---------------|-------------|--------------|------------|--------------|------------|-------------|-----------|---------------|-------------|--------------|------------|----------|
| 1                            | 9,876      | ...      | 172,474      | ...        | 11,800        | ...         | 34,898       | ...        | 97,090       | ...        | 17,319      | ...       | 6,216         | ...         | 12,420       | ...        | 1        |
| 2                            | 111        | 11.2     | 2,199        | 12.7       | 109           | 9.2         | 487          | 14.0       | 944          | 9.7        | 191         | 11.0      | 73            | 11.7        | 146          | 11.8       | 2        |
| 3                            | 31         | 279.3    | 902          | 410.2      | 40            | 367.0       | 101          | 207.4      | 154          | 163.1      | 87          | 455.5     | 27            | 369.9       | 60           | 411.0      | 3        |
| 4                            | *          | *        | 127          | 57.8       | *             | *           | 24           | 49.3       | 16           | 16.9       | 12          | 62.8      | *             | *           | 7            | 47.9       | 4        |
| 5                            | *          | *        | 170          | 77.3       | *             | *           | 27           | 55.4       | 49           | 51.9       | 10          | 52.4      | *             | *           | *            | *          | 5        |
| 6                            | *          | *        | 6            | 2.7        | *             | *           | 7            | 14.4       | *            | *          | *           | *         | *             | *           | *            | *          | 6        |
| 7                            | 132        | 13.4     | 1,509        | 8.7        | 143           | 12.1        | 262          | 7.5        | 551          | 5.7        | 195         | 11.3      | 71            | 11.4        | 151          | 12.2       | 7        |
| 8                            | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 8        |
| 9                            | *          | *        | 13           | 5.9        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 9        |
| 10                           | *          | *        | 6            | 2.7        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 10       |
| 11                           | *          | *        | 19           | 8.6        | *             | *           | *            | *          | 10           | 10.6       | *           | *         | *             | *           | *            | *          | 11       |
| 12                           | *          | *        | 11           | 5.0        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 12       |
| 13                           | ...        | ...      | ...          | ...        | ...           | ...         | ...          | ...        | ...          | ...        | ...         | ...       | ...           | ...         | ...          | ...        | 13       |
| 14                           | ...        | ...      | ...          | ...        | ...           | ...         | ...          | ...        | ...          | ...        | ...         | ...       | ...           | ...         | ...          | ...        | 14       |
| 15                           | 52         | 5.3      | 989          | 5.7        | 80            | 6.8         | 205          | 5.9        | 482          | 5.0        | 107         | 6.2       | 34            | 5.5         | 74           | 6.0        | 15       |
| 16                           | *          | *        | 35           | 0.2        | *             | *           | *            | *          | 12           | 0.1        | *           | *         | *             | *           | *            | *          | 16       |
| 17                           | 37         | 3.7      | 284          | 1.6        | 39            | 3.3         | 24           | 0.7        | 123          | 1.3        | 21          | 1.2       | 8             | 1.3         | 45           | 3.6        | 17       |
| - Selected Causes of Death - |            |          |              |            |               |             |              |            |              |            |             |           |               |             |              |            |          |
| 18                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 18       |
| 19                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 19       |
| 20                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 20       |
| 21                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 21       |
| 22                           | *          | *        | 24           | 13.9       | *             | *           | 9            | 25.8       | 10           | 10.3       | *           | *         | *             | *           | *            | *          | 22       |
| 23                           | 31         | 313.9    | 357          | 207.0      | 31            | 262.7       | 62           | 177.7      | 141          | 145.2      | 53          | 306.0     | 11            | 177.0       | 36           | 289.9      | 23       |
| 24                           | *          | *        | 7            | 4.1        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 24       |
| 25                           | 10         | 101.3    | 92           | 53.3       | *             | *           | 15           | 43.0       | 27           | 27.8       | 10          | 57.7      | *             | *           | 8            | 64.4       | 25       |
| 26                           | 9          | 91.1     | 94           | 54.5       | 9             | 76.3        | 7            | 20.1       | 22           | 22.7       | 12          | 69.3      | *             | *           | 11           | 88.6       | 26       |
| 27                           | *          | *        | 24           | 13.9       | *             | *           | 6            | 17.2       | 7            | 7.2        | *           | *         | *             | *           | *            | *          | 27       |
| 28                           | *          | *        | 36           | 20.9       | *             | *           | 10           | 28.7       | 22           | 22.7       | *           | *         | *             | *           | *            | *          | 28       |
| 29                           | *          | *        | 19           | 11.0       | *             | *           | *            | *          | 12           | 12.4       | *           | *         | *             | *           | *            | *          | 29       |
| 30                           | *          | *        | 56           | 32.5       | 7             | 59.3        | 13           | 37.3       | 32           | 33.0       | 13          | 75.1      | *             | *           | 6            | 48.3       | 30       |
| 31                           | *          | *        | 15           | 8.7        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 31       |
| 32                           | *          | *        | 14           | 8.1        | *             | *           | 6            | 17.2       | 11           | 11.3       | *           | *         | *             | *           | *            | *          | 32       |
| 33                           | *          | *        | 9            | 5.2        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 33       |
| 34                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 34       |
| 35                           | *          | *        | 41           | 23.8       | *             | *           | 10           | 28.7       | 15           | 15.4       | *           | *         | *             | *           | *            | *          | 35       |
| 36                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 36       |
| 37                           | *          | *        | 63           | 36.5       | 16            | 135.6       | 18           | 51.6       | 13           | 13.4       | 13          | 75.1      | *             | *           | 9            | 72.5       | 37       |
| 38                           | 49         | 496.2    | 391          | 226.7      | 41            | 347.5       | 67           | 192.0      | 146          | 150.4      | 54          | 311.8     | 36            | 579.2       | 48           | 386.5      | 38       |
| 39                           | 33         | 334.1    | 291          | 168.7      | 30            | 254.2       | 55           | 157.6      | 107          | 110.2      | 43          | 248.3     | 30            | 482.6       | 45           | 362.3      | 39       |
| 40                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 40       |
| 41                           | *          | *        | 26           | 15.1       | *             | *           | *            | *          | 9            | 9.3        | 11          | 63.5      | *             | *           | 15           | 120.8      | 41       |
| 42                           | *          | *        | 7            | 4.1        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 42       |
| 43                           | 24         | 243.0    | 138          | 80.0       | 12            | 101.7       | 21           | 60.2       | 64           | 65.9       | 24          | 138.6     | 13            | 209.1       | 21           | 169.1      | 43       |
| 44                           | 10         | 101.3    | 39           | 22.6       | *             | *           | 11           | 31.5       | 21           | 21.6       | 9           | 52.0      | *             | *           | *            | *          | 44       |
| 45                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 45       |
| 46                           | 12         | 121.5    | 99           | 57.4       | 10            | 84.7        | 10           | 28.7       | 43           | 44.3       | 15          | 86.6      | 10            | 160.9       | 18           | 144.9      | 46       |
| 47                           | *          | *        | 10           | 5.8        | *             | *           | *            | *          | 11           | 11.3       | 7           | 40.4      | *             | *           | *            | *          | 47       |
| 48                           | 12         | 121.5    | 89           | 51.6       | *             | *           | 9            | 25.8       | 32           | 33.0       | 8           | 46.2      | 7             | 112.6       | 13           | 104.7      | 48       |
| 49                           | 8          | 81.0     | 117          | 67.8       | 16            | 135.6       | 31           | 88.8       | 32           | 33.0       | 7           | 40.4      | 13            | 209.1       | 8            | 64.4       | 49       |
| 50                           | *          | *        | 14           | 8.1        | *             | *           | 6            | 17.2       | 7            | 7.2        | *           | *         | *             | *           | *            | *          | 50       |
| 51                           | 12         | 121.5    | 65           | 37.7       | 7             | 59.3        | 6            | 17.2       | 27           | 27.8       | 8           | 46.2      | *             | *           | *            | *          | 51       |
| 52                           | *          | *        | 14           | 8.1        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 52       |
| 53                           | *          | *        | 7            | 4.1        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 53       |
| 54                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 54       |
| 55                           | *          | *        | 26           | 15.1       | *             | *           | 10           | 28.7       | 8            | 8.2        | 7           | 40.4      | *             | *           | *            | *          | 55       |
| 56                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 56       |
| 57                           | *          | *        | 111          | 64.4       | *             | *           | 11           | 31.5       | 25           | 25.7       | 9           | 52.0      | *             | *           | 9            | 72.5       | 57       |
| 58                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 58       |
| 59                           | *          | *        | 7            | 4.1        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 59       |
| 60                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 60       |
| 61                           | *          | *        | 101          | 58.6       | *             | *           | 10           | 28.7       | 24           | 24.7       | 8           | 46.2      | *             | *           | 9            | 72.5       | 61       |
| 62                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 62       |
| 63                           | *          | *        | 20           | 11.6       | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 63       |
| 64                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 64       |
| 65                           | *          | *        | 32           | 18.6       | *             | *           | *            | *          | 6            | 6.2        | *           | *         | *             | *           | *            | *          | 65       |
| 66                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 66       |
| 67                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 67       |
| 68                           | *          | *        | 32           | 18.6       | *             | *           | *            | *          | 6            | 6.2        | *           | *         | *             | *           | *            | *          | 68       |
| 69                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 69       |
| 70                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 70       |
| 71                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 71       |
| 72                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 72       |
| 73                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 73       |
| 74                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 74       |
| 75                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 75       |
| 76                           | *          | *        | 45           | 26.1       | 10            | 84.7        | 7            | 20.1       | *            | *          | *           | *         | *             | *           | *            | *          | 76       |
| 77                           | 22         | 222.8    | 280          | 162.3      | 25            | 211.9       | 39           | 111.8      | 126          | 129.8      | 26          | 150.1     | 7             | 112.6       | 24           | 193.2      | 77       |
| 78                           | 7          | 70.9     | 71           | 41.2       | 7             | 59.3        | 16           | 45.8       | 27           | 27.8       | 9           | 52.0      | 6             | 96.5        | 7            | 56.4       | 78       |
| 79                           | *          | *        | 15           | 8.7        | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 79       |
| 80                           | *          | *        | 56           | 32.5       | *             | *           | 11           | 31.5       | 24           | 24.7       | 8           | 46.2      | *             | *           | *            | *          | 80       |
| 81                           | *          | *        | 18           | 10.4       | *             | *           | *            | *          | 7            | 7.2        | *           | *         | *             | *           | *            | *          | 81       |
| 82                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 82       |
| 83                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 83       |
| 84                           | *          | *        | *            | *          | *             | *           | *            | *          | *            | *          | *           | *         | *             | *           | *            | *          | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     |                                                                                                                     | Van Buren<br>Number | Van Buren<br>Rate | Wapello<br>Number | Wapello<br>Rate | Warren<br>Number | Warren<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|-------------------|-----------------|------------------|----------------|----------|
| 1                            | Population – July 1                                                                                                 | 7,271               | ...               | 34,982            | ...             | 49,691           | ...            | 1        |
| 2                            | Live Births                                                                                                         | 97                  | 13.3              | 443               | 12.7            | 589              | 11.9           | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 23                  | 237.1             | 208               | 469.5           | 174              | 295.4          | 3        |
| 4                            | Mother under age 20                                                                                                 | 6                   | 61.9              | 35                | 79.0            | 20               | 34.0           | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | *                   | *                 | 34                | 76.7            | 37               | 62.8           | 5        |
| 6                            | Congenital Malformations                                                                                            | *                   | *                 | *                 | *               | 6                | 10.2           | 6        |
| 7                            | Deaths from All Causes                                                                                              | 99                  | 13.6              | 392               | 11.2            | 433              | 8.7            | 7        |
| 8                            | Maternal Deaths                                                                                                     | *                   | *                 | *                 | *               | *                | *              | 8        |
| 9                            | Fetal Deaths                                                                                                        | *                   | *                 | 6                 | 13.5            | *                | *              | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *                   | *                 | *                 | *               | *                | *              | 10       |
| 11                           | Perinatal Deaths                                                                                                    | *                   | *                 | 7                 | 15.8            | *                | *              | 11       |
| 12                           | Infant Deaths                                                                                                       | *                   | *                 | *                 | *               | *                | *              | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...                 | ...               | ...               | ...             | ...              | ...            | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...                 | ...               | ...               | ...             | ...              | ...            | 14       |
| 15                           | Marriages                                                                                                           | 60                  | 8.3               | 205               | 5.9             | 335              | 6.7            | 15       |
| 16                           | Same-Gender Marriages                                                                                               | *                   | *                 | *                 | *               | 7                | 0.1            | 16       |
| 17                           | Dissolutions                                                                                                        | *                   | *                 | 76                | 2.2             | 100              | 2.0            | 17       |
| - Selected Causes of Death - |                                                                                                                     |                     |                   |                   |                 |                  |                |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *                   | *                 | *                 | *               | *                | *              | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *                   | *                 | *                 | *               | *                | *              | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *                   | *                 | *                 | *               | *                | *              | 20       |
| 21                           | Syphilis                                                                                                            | *                   | *                 | *                 | *               | *                | *              | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | *                   | *                 | 6                 | 17.2            | 8                | 16.1           | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 35                  | 481.4             | 80                | 228.7           | 96               | 193.2          | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                   | *                 | *                 | *               | *                | *              | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 10                  | 137.5             | 21                | 60.0            | 23               | 46.3           | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 12                  | 165.0             | 25                | 71.5            | 21               | 42.3           | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | *                   | *                 | *                 | *               | 7                | 14.1           | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | *                   | *                 | 10                | 28.6            | *                | *              | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | *                   | *                 | 6                 | 17.2            | *                | *              | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | *                   | *                 | 8                 | 22.9            | 21               | 42.3           | 30       |
| 31                           | Leukemia                                                                                                            | *                   | *                 | *                 | *               | 7                | 14.1           | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *                   | *                 | *                 | *               | 7                | 14.1           | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                   | *                 | *                 | *               | *                | *              | 33       |
| 34                           | Anemias                                                                                                             | *                   | *                 | *                 | *               | *                | *              | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 7                   | 96.3              | 7                 | 20.0            | 9                | 18.1           | 35       |
| 36                           | Meningitis                                                                                                          | *                   | *                 | *                 | *               | *                | *              | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | *                   | *                 | 30                | 85.8            | 35               | 70.4           | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 26                  | 357.6             | 124               | 354.5           | 135              | 271.7          | 38       |
| 39                           | Diseases of Heart                                                                                                   | 19                  | 261.3             | 102               | 291.6           | 105              | 211.3          | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                   | *                 | *                 | *               | *                | *              | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *                   | *                 | *                 | *               | 8                | 16.1           | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *                   | *                 | *                 | *               | *                | *              | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 14                  | 192.5             | 68                | 194.4           | 63               | 126.8          | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | *                   | *                 | 11                | 31.4            | 12               | 24.1           | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                   | *                 | *                 | *               | *                | *              | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 9                   | 123.8             | 57                | 162.9           | 50               | 100.6          | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | *                   | *                 | 42                | 120.1           | 24               | 48.3           | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 7                   | 96.3              | 15                | 42.9            | 26               | 52.3           | 48       |
| 49                           | Other Heart Diseases                                                                                                | *                   | *                 | 31                | 88.6            | 32               | 64.4           | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *                   | *                 | *                 | *               | *                | *              | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | *                   | *                 | 17                | 48.6            | 24               | 48.3           | 51       |
| 52                           | Atherosclerosis                                                                                                     | *                   | *                 | *                 | *               | *                | *              | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *                   | *                 | *                 | *               | *                | *              | 53       |
| 54                           | Influenza                                                                                                           | *                   | *                 | *                 | *               | *                | *              | 54       |
| 55                           | Pneumonia                                                                                                           | *                   | *                 | 8                 | 22.9            | 6                | 12.1           | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *                   | *                 | *                 | *               | *                | *              | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 6                   | 82.5              | 41                | 117.2           | 30               | 60.4           | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *                   | *                 | *                 | *               | *                | *              | 58       |
| 59                           | Emphysema                                                                                                           | *                   | *                 | *                 | *               | *                | *              | 59       |
| 60                           | Asthma                                                                                                              | *                   | *                 | *                 | *               | *                | *              | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 6                   | 82.5              | 41                | 117.2           | 30               | 60.4           | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *                   | *                 | *                 | *               | *                | *              | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | *                   | *                 | *                 | *               | 7                | 14.1           | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                   | *                 | *                 | *               | *                | *              | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *                   | *                 | *                 | *               | *                | *              | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                   | *                 | *                 | *               | *                | *              | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                   | *                 | *                 | *               | *                | *              | 67       |
| 68                           | Renal Failure                                                                                                       | *                   | *                 | *                 | *               | *                | *              | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *                   | *                 | *                 | *               | *                | *              | 69       |
| 70                           | Infections of Kidney                                                                                                | *                   | *                 | *                 | *               | *                | *              | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *                   | *                 | *                 | *               | *                | *              | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                   | *                 | *                 | *               | *                | *              | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *                   | *                 | *                 | *               | *                | *              | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                   | *                 | *                 | *               | *                | *              | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *                   | *                 | *                 | *               | *                | *              | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                   | *                 | *                 | *               | *                | *              | 76       |
| 77                           | All Other Diseases                                                                                                  | 9                   | 123.8             | 53                | 151.5           | 66               | 132.8          | 77       |
| 78                           | Unintentional Injuries                                                                                              | 7                   | 96.3              | 21                | 60.0            | 20               | 40.2           | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | *                   | *                 | 7                 | 20.0            | *                | *              | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | *                   | *                 | 14                | 40.0            | 15               | 30.2           | 80       |
| 81                           | Suicides                                                                                                            | *                   | *                 | *                 | *               | 9                | 18.1           | 81       |
| 82                           | Teen Suicides                                                                                                       | *                   | *                 | *                 | *               | *                | *              | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *                   | *                 | *                 | *               | *                | *              | 83       |
| 84                           | Other External Causes                                                                                               | *                   | *                 | *                 | *               | *                | *              | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 5 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY COUNTY**  
**2016**

| Line No.                     | Washington |       | Wayne  |       | Webster |       | Winnebago |       | Winneshiek |       | Woodbury |       | Worth  |       | Wright |       | Line No. |
|------------------------------|------------|-------|--------|-------|---------|-------|-----------|-------|------------|-------|----------|-------|--------|-------|--------|-------|----------|
|                              | Number     | Rate  | Number | Rate  | Number  | Rate  | Number    | Rate  | Number     | Rate  | Number   | Rate  | Number | Rate  | Number | Rate  |          |
| 1                            | 22,281     | ...   | 6,452  | ...   | 36,769  | ...   | 10,631    | ...   | 20,561     | ...   | 102,779  | ...   | 7,572  | ...   | 12,779 | ...   | 1        |
| 2                            | 297        | 13.3  | 104    | 16.1  | 436     | 11.9  | 112       | 10.5  | 178        | 8.7   | 1,536    | 14.9  | 83     | 11.0  | 168    | 13.1  | 2        |
| 3                            | 87         | 292.9 | 24     | 230.8 | 211     | 483.9 | 44        | 392.9 | 50         | 280.9 | 783      | 509.8 | 32     | 385.5 | 78     | 464.3 | 3        |
| 4                            | 9          | 30.3  | *      | *     | 30      | 68.8  | *         | *     | *          | *     | 92       | 59.9  | *      | *     | 11     | 65.5  | 4        |
| 5                            | 20         | 67.3  | 6      | 57.7  | 32      | 73.4  | 6         | 53.6  | 12         | 67.4  | 115      | 74.9  | 7      | 84.3  | 8      | 47.6  | 5        |
| 6                            | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 10       | 6.5   | *      | *     | *      | *     | 6        |
| 7                            | 242        | 10.9  | 78     | 12.1  | 436     | 11.9  | 127       | 11.9  | 187        | 9.1   | 927      | 9.0   | 103    | 13.6  | 160    | 12.5  | 7        |
| 8                            | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 8        |
| 9                            | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 6        | 3.9   | *      | *     | *      | *     | 9        |
| 10                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 10       |
| 11                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 11       | 7.2   | *      | *     | *      | *     | 11       |
| 12                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 12       | 7.8   | *      | *     | *      | *     | 12       |
| 13                           | ...        | ...   | ...    | ...   | ...     | ...   | ...       | ...   | ...        | ...   | ...      | ...   | ...    | ...   | ...    | ...   | 13       |
| 14                           | ...        | ...   | ...    | ...   | ...     | ...   | ...       | ...   | ...        | ...   | ...      | ...   | ...    | ...   | ...    | ...   | 14       |
| 15                           | 122        | 5.5   | 44     | 6.8   | 241     | 6.6   | 57        | 5.4   | 143        | 7.0   | 575      | 5.6   | 39     | 5.2   | 42     | 3.3   | 15       |
| 16                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 16       | 0.2   | *      | *     | *      | *     | 16       |
| 17                           | 16         | 0.7   | 13     | 2.0   | 61      | 1.7   | 11        | 1.0   | 44         | 2.1   | 43       | 0.4   | 12     | 1.6   | 19     | 1.5   | 17       |
| - Selected Causes of Death - |            |       |        |       |         |       |           |       |            |       |          |       |        |       |        |       |          |
| 18                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 18       |
| 19                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 19       |
| 20                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 20       |
| 21                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 21       |
| 22                           | *          | *     | *      | *     | 6       | 16.3  | *         | *     | *          | *     | 27       | 26.3  | *      | *     | *      | *     | 22       |
| 23                           | 60         | 269.3 | 19     | 294.5 | 82      | 223.0 | 27        | 254.0 | 29         | 141.0 | 220      | 214.1 | 24     | 317.0 | 32     | 250.4 | 23       |
| 24                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 24       |
| 25                           | 16         | 71.8  | 7      | 108.5 | 23      | 62.6  | 13        | 122.3 | 7          | 34.0  | 38       | 37.0  | 7      | 92.4  | 12     | 93.9  | 25       |
| 26                           | 9          | 40.4  | *      | *     | 21      | 57.1  | *         | *     | *          | *     | 66       | 64.2  | *      | *     | 8      | 62.6  | 26       |
| 27                           | *          | *     | *      | *     | 6       | 16.3  | *         | *     | *          | *     | 18       | 17.5  | *      | *     | *      | *     | 27       |
| 28                           | 9          | 40.4  | *      | *     | 9       | 24.5  | *         | *     | 8          | 38.9  | 19       | 18.5  | *      | *     | *      | *     | 28       |
| 29                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 11       | 10.7  | *      | *     | *      | *     | 29       |
| 30                           | 12         | 53.9  | *      | *     | 13      | 35.4  | *         | *     | *          | *     | 42       | 40.9  | 6      | 79.2  | 6      | 47.0  | 30       |
| 31                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 11       | 10.7  | *      | *     | *      | *     | 31       |
| 32                           | 6          | 26.9  | *      | *     | *       | *     | *         | *     | *          | *     | 13       | 12.6  | *      | *     | *      | *     | 32       |
| 33                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 6        | 5.8   | *      | *     | *      | *     | 33       |
| 34                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 34       |
| 35                           | 9          | 40.4  | *      | *     | 8       | 21.8  | *         | *     | *          | *     | 35       | 34.1  | *      | *     | 6      | 47.0  | 35       |
| 36                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 36       |
| 37                           | 9          | 40.4  | *      | *     | 20      | 54.4  | *         | *     | 7          | 34.0  | 18       | 17.5  | 7      | 92.4  | 7      | 54.8  | 37       |
| 38                           | 66         | 296.2 | 31     | 480.5 | 127     | 345.4 | 45        | 423.3 | 77         | 374.5 | 190      | 184.9 | 30     | 396.2 | 64     | 500.8 | 38       |
| 39                           | 49         | 219.9 | 25     | 387.5 | 105     | 285.6 | 39        | 366.9 | 61         | 296.7 | 146      | 142.1 | 18     | 237.7 | 51     | 399.1 | 39       |
| 40                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 40       |
| 41                           | 9          | 40.4  | *      | *     | 6       | 16.3  | 7         | 65.8  | *          | *     | 10       | 9.7   | *      | *     | *      | *     | 41       |
| 42                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 42       |
| 43                           | 23         | 103.2 | 20     | 310.0 | 61      | 165.9 | 18        | 169.3 | 41         | 199.4 | 73       | 71.0  | 12     | 158.5 | 38     | 297.4 | 43       |
| 44                           | *          | *     | 6      | 93.0  | 6       | 16.3  | *         | *     | 6          | 29.2  | 16       | 15.6  | *      | *     | 19     | 148.7 | 44       |
| 45                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 45       |
| 46                           | 18         | 80.8  | 14     | 217.0 | 55      | 149.6 | 16        | 150.5 | 35         | 170.2 | 56       | 54.5  | 9      | 118.9 | 19     | 148.7 | 46       |
| 47                           | 8          | 35.9  | *      | *     | 36      | 97.9  | *         | *     | 17         | 82.7  | 15       | 14.6  | *      | *     | *      | *     | 47       |
| 48                           | 10         | 44.9  | 12     | 186.0 | 19      | 51.7  | 14        | 131.7 | 18         | 87.5  | 41       | 39.9  | 9      | 118.9 | 19     | 148.7 | 48       |
| 49                           | 16         | 71.8  | *      | *     | 36      | 97.9  | 14        | 131.7 | 17         | 82.7  | 59       | 57.4  | *      | *     | 9      | 70.4  | 49       |
| 50                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 12       | 11.7  | *      | *     | *      | *     | 50       |
| 51                           | 11         | 49.4  | *      | *     | 14      | 38.1  | *         | *     | 8          | 38.9  | 24       | 23.4  | 8      | 105.7 | 10     | 78.3  | 51       |
| 52                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 52       |
| 53                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 7        | 6.8   | *      | *     | *      | *     | 53       |
| 54                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 54       |
| 55                           | *          | *     | *      | *     | 8       | 21.8  | *         | *     | *          | *     | 9        | 8.8   | *      | *     | *      | *     | 55       |
| 56                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 56       |
| 57                           | 16         | 71.8  | *      | *     | 37      | 100.6 | 6         | 56.4  | *          | *     | 89       | 86.6  | *      | *     | 6      | 47.0  | 57       |
| 58                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 58       |
| 59                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 59       |
| 60                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 60       |
| 61                           | 14         | 62.8  | *      | *     | 37      | 100.6 | *         | *     | *          | *     | 82       | 79.8  | *      | *     | 6      | 47.0  | 61       |
| 62                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 62       |
| 63                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 12       | 11.7  | *      | *     | *      | *     | 63       |
| 64                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 64       |
| 65                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 15       | 14.6  | *      | *     | *      | *     | 65       |
| 66                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 66       |
| 67                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 67       |
| 68                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 15       | 14.6  | *      | *     | *      | *     | 68       |
| 69                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 69       |
| 70                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 70       |
| 71                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 71       |
| 72                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 72       |
| 73                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 73       |
| 74                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 74       |
| 75                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 75       |
| 76                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | 47       | 45.7  | *      | *     | *      | *     | 76       |
| 77                           | 45         | 202.0 | 12     | 186.0 | 87      | 236.6 | 31        | 291.6 | 44         | 214.0 | 187      | 181.9 | 19     | 250.9 | 34     | 266.1 | 77       |
| 78                           | 17         | 76.3  | *      | *     | 30      | 81.6  | 10        | 94.1  | 7          | 34.0  | 40       | 38.9  | 7      | 92.4  | *      | *     | 78       |
| 79                           | *          | *     | *      | *     | 6       | 16.3  | *         | *     | *          | *     | 8        | 7.8   | *      | *     | *      | *     | 79       |
| 80                           | 13         | 58.3  | *      | *     | 24      | 65.3  | 7         | 65.8  | 6          | 29.2  | 32       | 31.1  | 6      | 79.2  | *      | *     | 80       |
| 81                           | *          | *     | *      | *     | 7       | 19.0  | *         | *     | *          | *     | 10       | 9.7   | *      | *     | *      | *     | 81       |
| 82                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 82       |
| 83                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 83       |
| 84                           | *          | *     | *      | *     | *       | *     | *         | *     | *          | *     | *        | *     | *      | *     | *      | *     | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 6**  
**SUMMARY OF SELECTED VITAL EVENTS BY CITY**  
**2016**

| Line<br>No.                         |                                                                                                                     | Altoona<br>Number | Altoona<br>Rate | Ames<br>Number | Ames<br>Rate | Ankeny<br>Number | Ankeny<br>Rate | Line<br>No. |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|--------------|------------------|----------------|-------------|
| 1                                   | Population – July 1                                                                                                 | 17,938            | ...             | 66,191         | ...          | 58,627           | ...            | 1           |
| 2                                   | Live Births                                                                                                         | 284               | 15.8            | 585            | 8.8          | 973              | 16.6           | 2           |
| 3                                   | Out-of-Wedlock                                                                                                      | 81                | 285.2           | 84             | 143.6        | 157              | 161.4          | 3           |
| 4                                   | Mother under age 20                                                                                                 | 10                | 35.2            | 8              | 13.7         | 17               | 17.5           | 4           |
| 5                                   | Low Birth Weight < 2,500 Grams                                                                                      | 20                | 70.4            | 33             | 56.4         | 46               | 47.3           | 5           |
| 6                                   | Congenital Malformations                                                                                            | *                 | *               | *              | *            | 10               | 10.3           | 6           |
| 7                                   | Deaths from All Causes                                                                                              | 133               | 7.4             | 279            | 4.2          | 291              | 5.0            | 7           |
| 8                                   | Maternal Deaths                                                                                                     | *                 | *               | *              | *            | *                | *              | 8           |
| 9                                   | Fetal Deaths                                                                                                        | *                 | *               | *              | *            | *                | *              | 9           |
| 10                                  | Neonatal Deaths                                                                                                     | *                 | *               | *              | *            | *                | *              | 10          |
| 11                                  | Perinatal Deaths                                                                                                    | *                 | *               | 6              | 10.3         | 8                | 8.2            | 11          |
| 12                                  | Infant Deaths                                                                                                       | *                 | *               | *              | *            | *                | *              | 12          |
| 13                                  | Induced Termination of Pregnancy                                                                                    | ...               | ...             | ...            | ...          | ...              | ...            | 13          |
| 14                                  | Spontaneous Termination of Pregnancy                                                                                | ...               | ...             | ...            | ...          | ...              | ...            | 14          |
| 15                                  | Marriages                                                                                                           | 70                | 3.9             | 335            | 5.1          | 131              | 2.2            | 15          |
| 16                                  | Same-Gender Marriages                                                                                               | *                 | *               | 7              | 0.1          | *                | *              | 16          |
| 17                                  | Dissolutions                                                                                                        | ...               | ...             | ...            | ...          | ...              | ...            | 17          |
| <b>- Selected Causes of Death -</b> |                                                                                                                     |                   |                 |                |              |                  |                |             |
| 18                                  | Tuberculosis, All Forms                                                                                             | *                 | *               | *              | *            | *                | *              | 18          |
| 19                                  | Tuberculosis of Respiratory System                                                                                  | *                 | *               | *              | *            | *                | *              | 19          |
| 20                                  | Other Tuberculosis                                                                                                  | *                 | *               | *              | *            | *                | *              | 20          |
| 21                                  | Syphilis                                                                                                            | *                 | *               | *              | *            | *                | *              | 21          |
| 22                                  | Other Infective and Parasitic Diseases                                                                              | *                 | *               | *              | *            | 7                | 11.9           | 22          |
| 23                                  | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 39                | 217.4           | 77             | 116.3        | 63               | 107.5          | 23          |
| 24                                  | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                 | *               | *              | *            | *                | *              | 24          |
| 25                                  | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 9                 | 50.2            | 18             | 27.2         | 16               | 27.3           | 25          |
| 26                                  | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 11                | 61.3            | 10             | 15.1         | 11               | 18.8           | 26          |
| 27                                  | Malignant Neoplasms of Breast                                                                                       | *                 | *               | *              | *            | 6                | 10.2           | 27          |
| 28                                  | Malignant Neoplasms of Genital Organs                                                                               | 6                 | 33.4            | 9              | 13.6         | *                | *              | 28          |
| 29                                  | Malignant Neoplasms of Urinary Organs                                                                               | *                 | *               | 9              | 13.6         | 6                | 10.2           | 29          |
| 30                                  | Malignant Neoplasms of All Other and Unspecified Sites                                                              | *                 | *               | 18             | 27.2         | 9                | 15.4           | 30          |
| 31                                  | Leukemia                                                                                                            | *                 | *               | *              | *            | *                | *              | 31          |
| 32                                  | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *                 | *               | *              | *            | *                | *              | 32          |
| 33                                  | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                 | *               | *              | *            | *                | *              | 33          |
| 34                                  | Anemias                                                                                                             | *                 | *               | *              | *            | *                | *              | 34          |
| 35                                  | Diabetes Mellitus                                                                                                   | *                 | *               | 11             | 16.6         | 10               | 17.1           | 35          |
| 36                                  | Meningitis                                                                                                          | *                 | *               | *              | *            | *                | *              | 36          |
| 37                                  | Alzheimer's Disease                                                                                                 | *                 | *               | *              | *            | 12               | 20.5           | 37          |
| 38                                  | Major Cardiovascular Diseases                                                                                       | 38                | 211.8           | 84             | 126.9        | 79               | 134.8          | 38          |
| 39                                  | Diseases of Heart                                                                                                   | 31                | 172.8           | 61             | 92.2         | 60               | 102.3          | 39          |
| 40                                  | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                 | *               | *              | *            | *                | *              | 40          |
| 41                                  | Hypertensive Heart Disease                                                                                          | *                 | *               | *              | *            | *                | *              | 41          |
| 42                                  | Hypertensive Heart and Renal Disease                                                                                | *                 | *               | *              | *            | *                | *              | 42          |
| 43                                  | Ischemic Heart Disease                                                                                              | 14                | 78.0            | 40             | 60.4         | 29               | 49.5           | 43          |
| 44                                  | Acute Myocardial Infarction                                                                                         | 6                 | 33.4            | 14             | 21.2         | 10               | 17.1           | 44          |
| 45                                  | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                 | *               | *              | *            | *                | *              | 45          |
| 46                                  | Other Forms of Chronic Ischemic Heart Disease                                                                       | 8                 | 44.6            | 26             | 39.3         | 19               | 32.4           | 46          |
| 47                                  | Atherosclerotic Cardiovascular Disease                                                                              | *                 | *               | 7              | 10.6         | *                | *              | 47          |
| 48                                  | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 6                 | 33.4            | 19             | 28.7         | 16               | 27.3           | 48          |
| 49                                  | Other Heart Diseases                                                                                                | 12                | 66.9            | 19             | 28.7         | 27               | 46.1           | 49          |
| 50                                  | Essential Hypertension and Hypertensive Renal Disease                                                               | *                 | *               | *              | *            | *                | *              | 50          |
| 51                                  | Cerebrovascular Diseases                                                                                            | 6                 | 33.4            | 15             | 22.7         | 13               | 22.2           | 51          |
| 52                                  | Atherosclerosis                                                                                                     | *                 | *               | *              | *            | *                | *              | 52          |
| 53                                  | Other Diseases of Circulatory System                                                                                | *                 | *               | *              | *            | *                | *              | 53          |
| 54                                  | Influenza                                                                                                           | *                 | *               | *              | *            | *                | *              | 54          |
| 55                                  | Pneumonia                                                                                                           | *                 | *               | 6              | 9.1          | *                | *              | 55          |
| 56                                  | Acute Bronchitis and Bronchiolitis                                                                                  | *                 | *               | *              | *            | *                | *              | 56          |
| 57                                  | Chronic Lower Respiratory Diseases                                                                                  | 10                | 55.7            | 12             | 18.1         | 22               | 37.5           | 57          |
| 58                                  | Bronchitis, Chronic and Unspecified                                                                                 | *                 | *               | *              | *            | *                | *              | 58          |
| 59                                  | Emphysema                                                                                                           | *                 | *               | *              | *            | *                | *              | 59          |
| 60                                  | Asthma                                                                                                              | *                 | *               | *              | *            | *                | *              | 60          |
| 61                                  | Other Chronic Lower Respiratory Diseases                                                                            | 10                | 55.7            | 11             | 16.6         | 20               | 34.1           | 61          |
| 62                                  | Peptic Ulcer                                                                                                        | *                 | *               | *              | *            | *                | *              | 62          |
| 63                                  | Chronic Liver Disease and Cirrhosis                                                                                 | *                 | *               | *              | *            | *                | *              | 63          |
| 64                                  | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                 | *               | *              | *            | *                | *              | 64          |
| 65                                  | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *                 | *               | *              | *            | *                | *              | 65          |
| 66                                  | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                 | *               | *              | *            | *                | *              | 66          |
| 67                                  | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                 | *               | *              | *            | *                | *              | 67          |
| 68                                  | Renal Failure                                                                                                       | *                 | *               | *              | *            | *                | *              | 68          |
| 69                                  | Other Disorders of Kidney                                                                                           | *                 | *               | *              | *            | *                | *              | 69          |
| 70                                  | Infections of Kidney                                                                                                | *                 | *               | *              | *            | *                | *              | 70          |
| 71                                  | Hyperplasia of Prostate                                                                                             | *                 | *               | *              | *            | *                | *              | 71          |
| 72                                  | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                 | *               | *              | *            | *                | *              | 72          |
| 73                                  | Certain Conditions Originating in the Perinatal Period                                                              | *                 | *               | *              | *            | *                | *              | 73          |
| 74                                  | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                 | *               | *              | *            | *                | *              | 74          |
| 75                                  | Sudden Infant Death Syndrome                                                                                        | *                 | *               | *              | *            | *                | *              | 75          |
| 76                                  | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                 | *               | *              | *            | *                | *              | 76          |
| 77                                  | All Other Diseases                                                                                                  | 21                | 117.1           | 46             | 69.5         | 49               | 83.6           | 77          |
| 78                                  | Unintentional Injuries                                                                                              | 7                 | 39.0            | 13             | 19.6         | 18               | 30.7           | 78          |
| 79                                  | Motor Vehicle Crashes                                                                                               | *                 | *               | *              | *            | *                | *              | 79          |
| 80                                  | All Other Unintentional Injuries                                                                                    | 7                 | 39.0            | 13             | 19.6         | 15               | 25.6           | 80          |
| 81                                  | Suicides                                                                                                            | *                 | *               | *              | *            | 10               | 17.1           | 81          |
| 82                                  | Teen Suicides                                                                                                       | *                 | *               | *              | *            | *                | *              | 82          |
| 83                                  | Homicide and Legal Intervention                                                                                     | *                 | *               | *              | *            | *                | *              | 83          |
| 84                                  | Other External Causes                                                                                               | *                 | *               | *              | *            | *                | *              | 84          |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 6 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY CITY**  
**2016**

| Line No.                            | Bettendorf<br>Number | Bettendorf<br>Rate | Boone<br>Number | Boone<br>Rate | Burlington<br>Number | Burlington<br>Rate | Cedar Falls<br>Number | Cedar Falls<br>Rate | Cedar Rapids<br>Number | Cedar Rapids<br>Rate | Clinton<br>Number | Clinton<br>Rate | Clive<br>Number | Clive<br>Rate | Coralville<br>Number | Coralville<br>Rate | Line No. |
|-------------------------------------|----------------------|--------------------|-----------------|---------------|----------------------|--------------------|-----------------------|---------------------|------------------------|----------------------|-------------------|-----------------|-----------------|---------------|----------------------|--------------------|----------|
| 1                                   | 35,727               | ...                | 12,611          | ...           | 25,277               | ...                | 41,390                | ...                 | 131,127                | ...                  | 25,719            | ...             | 17,546          | ...           | 20,397               | ...                | 1        |
| 2                                   | 413                  | 11.6               | 202             | 16.0          | 323                  | 12.8               | 451                   | 10.9                | 1,885                  | 14.4                 | 355               | 13.8            | 268             | 15.3          | 284                  | 13.9               | 2        |
| 3                                   | 95                   | 230.0              | 61              | 302.0         | 175                  | 541.8              | 86                    | 190.7               | 802                    | 425.5                | 208               | 585.9           | 32              | 119.4         | 75                   | 264.1              | 3        |
| 4                                   | 14                   | 33.9               | 7               | 34.7          | 27                   | 83.6               | 14                    | 31.0                | 84                     | 44.6                 | 30                | 84.5            | *               | *             | *                    | *                  | 4        |
| 5                                   | 33                   | 79.9               | 10              | 49.5          | 22                   | 68.1               | 17                    | 37.7                | 137                    | 72.7                 | 33                | 93.0            | 20              | 74.6          | 26                   | 91.5               | 5        |
| 6                                   | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 10                     | 5.3                  | *                 | *               | *               | *             | *                    | *                  | 6        |
| 7                                   | 300                  | 8.4                | 188             | 14.9          | 320                  | 12.7               | 377                   | 9.1                 | 1,153                  | 8.8                  | 388               | 15.1            | 108             | 6.2           | 162                  | 7.9                | 7        |
| 8                                   | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 8        |
| 9                                   | 6                    | 14.5               | *               | *             | *                    | *                  | *                     | *                   | 8                      | 4.2                  | *                 | *               | *               | *             | *                    | *                  | 9        |
| 10                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 10       |
| 11                                  | 7                    | 16.9               | *               | *             | *                    | *                  | *                     | *                   | 12                     | 6.4                  | *                 | *               | *               | *             | *                    | *                  | 11       |
| 12                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 12                     | 6.4                  | *                 | *               | *               | *             | *                    | *                  | 12       |
| 13                                  | ...                  | ...                | ...             | ...           | ...                  | ...                | ...                   | ...                 | ...                    | ...                  | ...               | ...             | ...             | ...           | ...                  | ...                | 13       |
| 14                                  | ...                  | ...                | ...             | ...           | ...                  | ...                | ...                   | ...                 | ...                    | ...                  | ...               | ...             | ...             | ...           | ...                  | ...                | 14       |
| 15                                  | 142                  | 4.0                | 96              | 7.6           | 216                  | 8.5                | 242                   | 5.8                 | 836                    | 6.4                  | 210               | 8.2             | 30              | 1.7           | 72                   | 3.5                | 15       |
| 16                                  | *                    | *                  | *               | *             | 9                    | 0.4                | 8                     | 0.2                 | 21                     | 0.2                  | 7                 | 0.3             | *               | *             | *                    | *                  | 16       |
| 17                                  | ...                  | ...                | ...             | ...           | ...                  | ...                | ...                   | ...                 | ...                    | ...                  | ...               | ...             | ...             | ...           | ...                  | ...                | 17       |
| <b>- Selected Causes of Death -</b> |                      |                    |                 |               |                      |                    |                       |                     |                        |                      |                   |                 |                 |               |                      |                    |          |
| 18                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 18       |
| 19                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 19       |
| 20                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 20       |
| 21                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 21       |
| 22                                  | *                    | *                  | *               | *             | 9                    | 35.6               | 6                     | 14.5                | 16                     | 12.2                 | 10                | 38.9            | *               | *             | *                    | *                  | 22       |
| 23                                  | 74                   | 207.1              | 26              | 206.2         | 88                   | 348.1              | 78                    | 188.5               | 255                    | 194.5                | 68                | 264.4           | 20              | 114.0         | 42                   | 205.9              | 23       |
| 24                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 24       |
| 25                                  | 23                   | 64.4               | 6               | 47.6          | 19                   | 75.2               | 17                    | 41.1                | 74                     | 56.4                 | 15                | 58.3            | *               | *             | 11                   | 53.9               | 25       |
| 26                                  | 15                   | 42.0               | 6               | 47.6          | 30                   | 118.7              | 10                    | 24.2                | 72                     | 54.9                 | 26                | 101.1           | *               | *             | 7                    | 34.3               | 26       |
| 27                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 18                     | 13.7                 | *                 | *               | *               | *             | 6                    | 29.4               | 27       |
| 28                                  | 6                    | 16.8               | *               | *             | 6                    | 23.7               | 14                    | 33.8                | 25                     | 19.1                 | *                 | *               | *               | *             | 6                    | 29.4               | 28       |
| 29                                  | *                    | *                  | *               | *             | 7                    | 27.7               | 6                     | 14.5                | 9                      | 6.9                  | *                 | *               | *               | *             | *                    | *                  | 29       |
| 30                                  | 12                   | 33.6               | *               | *             | 12                   | 47.5               | 12                    | 29.0                | 30                     | 22.9                 | 11                | 42.8            | *               | *             | *                    | *                  | 30       |
| 31                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 13                     | 9.9                  | *                 | *               | *               | *             | *                    | *                  | 31       |
| 32                                  | *                    | *                  | *               | *             | 7                    | 27.7               | 9                     | 21.7                | 11                     | 8.4                  | *                 | *               | *               | *             | 6                    | 29.4               | 32       |
| 33                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 7                      | 5.3                  | *                 | *               | *               | *             | *                    | *                  | 33       |
| 34                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 34       |
| 35                                  | 6                    | 16.8               | 8               | 63.4          | *                    | *                  | 6                     | 14.5                | 33                     | 25.2                 | 12                | 46.7            | *               | *             | *                    | *                  | 35       |
| 36                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 36       |
| 37                                  | 9                    | 25.2               | 19              | 150.7         | 19                   | 75.2               | 24                    | 58.0                | 69                     | 52.6                 | 22                | 85.5            | 8               | 45.6          | *                    | *                  | 37       |
| 38                                  | 77                   | 215.5              | 53              | 420.3         | 75                   | 296.7              | 101                   | 244.0               | 321                    | 244.8                | 134               | 521.0           | 35              | 199.5         | 58                   | 284.4              | 38       |
| 39                                  | 58                   | 162.3              | 41              | 325.1         | 58                   | 229.5              | 77                    | 186.0               | 264                    | 201.3                | 113               | 439.4           | 25              | 142.5         | 51                   | 250.0              | 39       |
| 40                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 40       |
| 41                                  | 6                    | 16.8               | *               | *             | *                    | *                  | *                     | *                   | 11                     | 8.4                  | *                 | *               | *               | *             | 13                   | 63.7               | 41       |
| 42                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 7                      | 5.3                  | *                 | *               | *               | *             | *                    | *                  | 42       |
| 43                                  | 29                   | 81.2               | 28              | 222.0         | 37                   | 146.4              | 37                    | 89.4                | 176                    | 134.2                | 97                | 377.2           | 14              | 79.8          | 32                   | 156.9              | 43       |
| 44                                  | 10                   | 28.0               | 9               | 71.4          | 8                    | 31.6               | 9                     | 21.7                | 21                     | 16.0                 | 36                | 140.0           | 7               | 39.9          | *                    | *                  | 44       |
| 45                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 45       |
| 46                                  | 19                   | 53.2               | 19              | 150.7         | 29                   | 114.7              | 28                    | 67.6                | 155                    | 118.2                | 61                | 237.2           | 7               | 39.9          | 28                   | 137.3              | 46       |
| 47                                  | *                    | *                  | *               | *             | 13                   | 51.4               | *                     | *                   | 112                    | 85.4                 | 18                | 70.0            | *               | *             | 14                   | 68.6               | 47       |
| 48                                  | 17                   | 47.6               | 17              | 134.8         | 16                   | 63.3               | 27                    | 65.2                | 43                     | 32.8                 | 43                | 167.2           | 6               | 34.2          | 14                   | 68.6               | 48       |
| 49                                  | 20                   | 56.0               | 8               | 63.4          | 18                   | 71.2               | 31                    | 74.9                | 68                     | 51.9                 | 14                | 54.4            | 8               | 45.6          | *                    | *                  | 49       |
| 50                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 9                      | 21.7                 | 6                 | 4.6             | *               | *             | *                    | *                  | 50       |
| 51                                  | 14                   | 39.2               | 9               | 71.4          | 16                   | 63.3               | 13                    | 31.4                | 45                     | 34.3                 | 15                | 58.3            | 8               | 45.6          | *                    | *                  | 51       |
| 52                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 52       |
| 53                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 6                      | 4.6                  | *                 | *               | *               | *             | *                    | *                  | 53       |
| 54                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 54       |
| 55                                  | 10                   | 28.0               | *               | *             | *                    | *                  | *                     | *                   | 23                     | 17.5                 | *                 | *               | *               | *             | *                    | *                  | 55       |
| 56                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 56       |
| 57                                  | 18                   | 50.4               | 14              | 111.0         | 28                   | 110.8              | 25                    | 60.4                | 69                     | 52.6                 | 25                | 97.2            | 8               | 45.6          | *                    | *                  | 57       |
| 58                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 58       |
| 59                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 59       |
| 60                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 60       |
| 61                                  | 17                   | 47.6               | 14              | 111.0         | 25                   | 98.9               | 25                    | 60.4                | 63                     | 48.0                 | 25                | 97.2            | 8               | 45.6          | *                    | *                  | 61       |
| 62                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 62       |
| 63                                  | *                    | *                  | *               | *             | 9                    | 35.6               | *                     | *                   | 17                     | 13.0                 | 6                 | 23.3            | *               | *             | *                    | *                  | 63       |
| 64                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 64       |
| 65                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 8                      | 19.3                 | 13                | 9.9             | *               | *             | *                    | *                  | 65       |
| 66                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 66       |
| 67                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 67       |
| 68                                  | *                    | *                  | *               | *             | *                    | *                  | 8                     | 19.3                | 12                     | 9.2                  | *                 | *               | *               | *             | *                    | *                  | 68       |
| 69                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 69       |
| 70                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 70       |
| 71                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 71       |
| 72                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 72       |
| 73                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 73       |
| 74                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 74       |
| 75                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 75       |
| 76                                  | 18                   | 50.4               | *               | *             | *                    | *                  | 7                     | 16.9                | 6                      | 4.6                  | *                 | *               | *               | *             | *                    | *                  | 76       |
| 77                                  | 52                   | 145.5              | 37              | 293.4         | 52                   | 205.7              | 85                    | 205.4               | 209                    | 159.4                | 72                | 279.9           | 21              | 119.7         | 21                   | 103.0              | 77       |
| 78                                  | 16                   | 44.8               | 12              | 95.2          | 15                   | 59.3               | 17                    | 41.1                | 62                     | 47.3                 | 18                | 70.0            | *               | *             | 13                   | 63.7               | 78       |
| 79                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 14                     | 10.7                 | *                 | *               | *               | *             | *                    | *                  | 79       |
| 80                                  | 15                   | 42.0               | 10              | 79.3          | 10                   | 39.6               | 12                    | 29.0                | 48                     | 36.6                 | 17                | 66.1            | *               | *             | 11                   | 53.9               | 80       |
| 81                                  | *                    | *                  | *               | *             | *                    | *                  | 7                     | 16.9                | 27                     | 20.6                 | *                 | *               | *               | *             | *                    | *                  | 81       |
| 82                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 82       |
| 83                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | 6                      | 4.6                  | *                 | *               | *               | *             | *                    | *                  | 83       |
| 84                                  | *                    | *                  | *               | *             | *                    | *                  | *                     | *                   | *                      | *                    | *                 | *               | *               | *             | *                    | *                  | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 6 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY CITY**  
**2016**

| Line No.                     |                                                                                                                     | Council Bluffs<br>Number | Council Bluffs<br>Rate | Davenport<br>Number | Davenport<br>Rate | Des Moines<br>Number | Des Moines<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|---------------------|-------------------|----------------------|--------------------|----------|
| 1                            | Population – July 1                                                                                                 | 62,524                   | ...                    | 102,612             | ...               | 215,472              | ...                | 1        |
| 2                            | Live Births                                                                                                         | 955                      | 15.3                   | 1,462               | 14.2              | 3,537                | 16.4               | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 489                      | 512.0                  | 724                 | 495.2             | 1,702                | 481.2              | 3        |
| 4                            | Mother under age 20                                                                                                 | 68                       | 71.2                   | 106                 | 72.5              | 249                  | 70.4               | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 70                       | 73.3                   | 117                 | 80.0              | 297                  | 84.0               | 5        |
| 6                            | Congenital Malformations                                                                                            | 7                        | 7.3                    | *                   | *                 | 24                   | 6.8                | 6        |
| 7                            | Deaths from All Causes                                                                                              | 743                      | 11.9                   | 1,034               | 10.1              | 1,932                | 9.0                | 7        |
| 8                            | Maternal Deaths                                                                                                     | *                        | *                      | *                   | *                 | *                    | *                  | 8        |
| 9                            | Fetal Deaths                                                                                                        | *                        | *                      | 6                   | 4.1               | 15                   | 4.2                | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *                        | *                      | *                   | *                 | 18                   | 5.1                | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 9                        | 9.4                    | 10                  | 6.8               | 33                   | 9.3                | 11       |
| 12                           | Infant Deaths                                                                                                       | 6                        | 6.3                    | 8                   | 5.5               | 37                   | 10.5               | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...                      | ...                    | ...                 | ...               | ...                  | ...                | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...                      | ...                    | ...                 | ...               | ...                  | ...                | 14       |
| 15                           | Marriages                                                                                                           | 391                      | 6.3                    | 685                 | 6.7               | 2,101                | 9.8                | 15       |
| 16                           | Same-Gender Marriages                                                                                               | 11                       | 0.2                    | 29                  | 0.3               | 83                   | 0.4                | 16       |
| 17                           | Dissolutions                                                                                                        | ...                      | ...                    | ...                 | ...               | ...                  | ...                | 17       |
| - Selected Causes of Death - |                                                                                                                     |                          |                        |                     |                   |                      |                    |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *                        | *                      | *                   | *                 | *                    | *                  | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *                        | *                      | *                   | *                 | *                    | *                  | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *                        | *                      | *                   | *                 | *                    | *                  | 20       |
| 21                           | Syphilis                                                                                                            | *                        | *                      | *                   | *                 | *                    | *                  | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | 17                       | 27.2                   | 19                  | 18.5              | 39                   | 18.1               | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 172                      | 275.1                  | 224                 | 218.3             | 390                  | 181.0              | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                        | *                      | *                   | *                 | 7                    | 3.2                | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 42                       | 67.2                   | 56                  | 54.6              | 88                   | 40.8               | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 54                       | 86.4                   | 59                  | 57.5              | 109                  | 50.6               | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | 11                       | 17.6                   | 19                  | 18.5              | 29                   | 13.5               | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 14                       | 22.4                   | 25                  | 24.4              | 38                   | 17.6               | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 13                       | 20.8                   | 13                  | 12.7              | 22                   | 10.2               | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 21                       | 33.6                   | 30                  | 29.2              | 58                   | 26.9               | 30       |
| 31                           | Leukemia                                                                                                            | 7                        | 11.2                   | 10                  | 9.7               | 16                   | 7.4                | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | 9                        | 14.4                   | 9                   | 8.8               | 23                   | 10.7               | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                        | *                      | *                   | *                 | 19                   | 8.8                | 33       |
| 34                           | Anemias                                                                                                             | *                        | *                      | *                   | *                 | *                    | *                  | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 11                       | 17.6                   | 32                  | 31.2              | 65                   | 30.2               | 35       |
| 36                           | Meningitis                                                                                                          | *                        | *                      | *                   | *                 | *                    | *                  | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 42                       | 67.2                   | 46                  | 44.8              | 67                   | 31.1               | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 211                      | 337.5                  | 272                 | 265.1             | 546                  | 253.4              | 38       |
| 39                           | Diseases of Heart                                                                                                   | 154                      | 246.3                  | 204                 | 198.8             | 438                  | 203.3              | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                        | *                      | *                   | *                 | *                    | *                  | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | 11                       | 17.6                   | 17                  | 16.6              | 27                   | 12.5               | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *                        | *                      | 6                   | 5.8               | *                    | *                  | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 97                       | 155.1                  | 96                  | 93.6              | 270                  | 125.3              | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 25                       | 40.0                   | 26                  | 25.3              | 81                   | 37.6               | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                        | *                      | *                   | *                 | *                    | *                  | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 72                       | 115.2                  | 70                  | 68.2              | 188                  | 87.3               | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 22                       | 35.2                   | 8                   | 7.8               | 60                   | 27.8               | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 50                       | 80.0                   | 62                  | 60.4              | 128                  | 59.4               | 48       |
| 49                           | Other Heart Diseases                                                                                                | 44                       | 70.4                   | 84                  | 81.9              | 135                  | 62.7               | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | 10                       | 16.0                   | 6                   | 5.8               | 16                   | 7.4                | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 37                       | 59.2                   | 45                  | 43.9              | 74                   | 34.3               | 51       |
| 52                           | Atherosclerosis                                                                                                     | *                        | *                      | 10                  | 9.7               | 6                    | 2.8                | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | 7                        | 11.2                   | 7                   | 6.8               | 12                   | 5.6                | 53       |
| 54                           | Influenza                                                                                                           | *                        | *                      | *                   | *                 | *                    | *                  | 54       |
| 55                           | Pneumonia                                                                                                           | 16                       | 25.6                   | 13                  | 12.7              | 28                   | 13.0               | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *                        | *                      | *                   | *                 | *                    | *                  | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 59                       | 94.4                   | 77                  | 75.0              | 180                  | 83.5               | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *                        | *                      | *                   | *                 | *                    | *                  | 58       |
| 59                           | Emphysema                                                                                                           | *                        | *                      | *                   | *                 | 6                    | 2.8                | 59       |
| 60                           | Asthma                                                                                                              | *                        | *                      | *                   | *                 | *                    | *                  | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 54                       | 86.4                   | 72                  | 70.2              | 169                  | 78.4               | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *                        | *                      | *                   | *                 | *                    | *                  | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | 7                        | 11.2                   | 18                  | 17.5              | 38                   | 17.6               | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                        | *                      | *                   | *                 | *                    | *                  | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | 6                        | 9.6                    | 25                  | 24.4              | 22                   | 10.2               | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                        | *                      | *                   | *                 | *                    | *                  | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                        | *                      | *                   | *                 | *                    | *                  | 67       |
| 68                           | Renal Failure                                                                                                       | 6                        | 9.6                    | 25                  | 24.4              | 20                   | 9.3                | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *                        | *                      | *                   | *                 | *                    | *                  | 69       |
| 70                           | Infections of Kidney                                                                                                | *                        | *                      | *                   | *                 | *                    | *                  | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *                        | *                      | *                   | *                 | *                    | *                  | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                        | *                      | *                   | *                 | *                    | *                  | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *                        | *                      | *                   | *                 | 9                    | 4.2                | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                        | *                      | *                   | *                 | 20                   | 9.3                | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *                        | *                      | *                   | *                 | *                    | *                  | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                        | *                      | 21                  | 20.5              | 16                   | 7.4                | 76       |
| 77                           | All Other Diseases                                                                                                  | 115                      | 183.9                  | 211                 | 205.6             | 296                  | 137.4              | 77       |
| 78                           | Unintentional Injuries                                                                                              | 51                       | 81.6                   | 46                  | 44.8              | 121                  | 56.2               | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 15                       | 24.0                   | 9                   | 8.8               | 22                   | 10.2               | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 36                       | 57.6                   | 37                  | 36.1              | 99                   | 45.9               | 80       |
| 81                           | Suicides                                                                                                            | 9                        | 14.4                   | 9                   | 8.8               | 32                   | 14.9               | 81       |
| 82                           | Teen Suicides                                                                                                       | *                        | *                      | *                   | *                 | *                    | *                  | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *                        | *                      | *                   | *                 | 18                   | 8.4                | 83       |
| 84                           | Other External Causes                                                                                               | *                        | *                      | *                   | *                 | 10                   | 4.6                | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 6 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY CITY**  
**2016**

| Line No.                     | Dubuque<br>Number | Dubuque<br>Rate | Fairfield<br>Number | Fairfield<br>Rate | Fort Dodge<br>Number | Fort Dodge<br>Rate | Fort Madison<br>Number | Fort Madison<br>Rate | Grimes<br>Number | Grimes<br>Rate | Indianola<br>Number | Indianola<br>Rate | Iowa City<br>Number | Iowa City<br>Rate | Line No. |
|------------------------------|-------------------|-----------------|---------------------|-------------------|----------------------|--------------------|------------------------|----------------------|------------------|----------------|---------------------|-------------------|---------------------|-------------------|----------|
| 1                            | 58,531            | ...             | 10,206              | ...               | 24,441               | ...                | 10,597                 | ...                  | 11,909           | ...            | 15,785              | ...               | 74,398              | ...               | 1        |
| 2                            | 843               | 14.4            | 118                 | 11.6              | 350                  | 14.3               | 153                    | 14.4                 | 216              | 18.1           | 240                 | 15.2              | 872                 | 11.7              | 2        |
| 3                            | 371               | 440.1           | 47                  | 398.3             | 179                  | 511.4              | 79                     | 516.3                | 39               | 180.6          | 82                  | 341.7             | 203                 | 232.8             | 3        |
| 4                            | 57                | 67.6            | 6                   | 50.8              | 27                   | 77.1               | 14                     | 91.5                 | 6                | 27.8           | 11                  | 45.8              | 26                  | 29.8              | 4        |
| 5                            | 76                | 90.2            | 10                  | 84.7              | 29                   | 82.9               | 13                     | 85.0                 | 11               | 50.9           | 13                  | 54.2              | 60                  | 68.8              | 5        |
| 6                            | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 8                   | 9.2               | 6        |
| 7                            | 690               | 11.8            | 152                 | 14.9              | 342                  | 14.0               | 146                    | 13.8                 | 58               | 4.9            | 206                 | 13.1              | 393                 | 5.3               | 7        |
| 8                            | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 8        |
| 9                            | 7                 | 8.3             | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 9        |
| 10                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 8                   | 9.2               | 10       |
| 11                           | 7                 | 8.3             | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 12                  | 13.8              | 11       |
| 12                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 12                  | 13.8              | 12       |
| 13                           | ...               | ...             | ...                 | ...               | ...                  | ...                | ...                    | ...                  | ...              | ...            | ...                 | ...               | ...                 | ...               | 13       |
| 14                           | ...               | ...             | ...                 | ...               | ...                  | ...                | ...                    | ...                  | ...              | ...            | ...                 | ...               | ...                 | ...               | 14       |
| 15                           | 566               | 9.7             | 110                 | 10.8              | 201                  | 8.2                | 73                     | 6.9                  | 29               | 2.4            | 184                 | 11.7              | 563                 | 7.6               | 15       |
| 16                           | 11                | 0.2             | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 26                  | 0.3               | 16       |
| 17                           | ...               | ...             | ...                 | ...               | ...                  | ...                | ...                    | ...                  | ...              | ...            | ...                 | ...               | ...                 | ...               | 17       |
| - Selected Causes of Death - |                   |                 |                     |                   |                      |                    |                        |                      |                  |                |                     |                   |                     |                   |          |
| 18                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 18       |
| 19                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 19       |
| 20                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 20       |
| 21                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 21       |
| 22                           | 7                 | 12.0            | *                   | *                 | 6                    | 24.5               | *                      | *                    | *                | *              | *                   | *                 | 11                  | 14.8              | 22       |
| 23                           | 156               | 266.5           | 32                  | 313.5             | 63                   | 257.8              | 27                     | 254.8                | 10               | 84.0           | 32                  | 202.7             | 88                  | 118.3             | 23       |
| 24                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 24       |
| 25                           | 37                | 63.2            | 10                  | 98.0              | 19                   | 77.7               | 9                      | 84.9                 | *                | *              | *                   | *                 | 15                  | 20.2              | 25       |
| 26                           | 42                | 71.8            | 8                   | 78.4              | 17                   | 69.6               | 11                     | 103.8                | *                | *              | 6                   | 38.0              | 21                  | 28.2              | 26       |
| 27                           | 8                 | 13.7            | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 8                   | 10.8              | 27       |
| 28                           | 18                | 30.8            | *                   | *                 | 7                    | 28.6               | *                      | *                    | *                | *              | *                   | *                 | 12                  | 16.1              | 28       |
| 29                           | 8                 | 13.7            | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 29       |
| 30                           | 21                | 35.9            | *                   | *                 | 9                    | 36.8               | *                      | *                    | *                | *              | 7                   | 44.3              | 16                  | 21.5              | 30       |
| 31                           | 8                 | 13.7            | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | 6                   | 38.0              | 6                   | 8.1               | 31       |
| 32                           | 11                | 18.8            | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 32       |
| 33                           | 8                 | 13.7            | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 33       |
| 34                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 34       |
| 35                           | 17                | 29.0            | *                   | *                 | 6                    | 24.5               | *                      | *                    | *                | *              | 6                   | 38.0              | *                   | *                 | 35       |
| 36                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 36       |
| 37                           | 50                | 85.4            | *                   | *                 | 16                   | 65.5               | 9                      | 84.9                 | *                | *              | 20                  | 126.7             | 11                  | 14.8              | 37       |
| 38                           | 183               | 312.7           | 52                  | 509.5             | 94                   | 384.6              | 52                     | 490.7                | 15               | 126.0          | 65                  | 411.8             | 123                 | 165.3             | 38       |
| 39                           | 137               | 234.1           | 46                  | 450.7             | 78                   | 319.1              | 39                     | 368.0                | 12               | 100.8          | 51                  | 323.1             | 103                 | 138.4             | 39       |
| 40                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 40       |
| 41                           | 6                 | 10.3            | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 11                  | 14.8              | 41       |
| 42                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 42       |
| 43                           | 86                | 146.9           | 35                  | 342.9             | 41                   | 167.8              | 31                     | 292.5                | 7                | 58.8           | 27                  | 171.0             | 70                  | 94.1              | 43       |
| 44                           | 25                | 42.7            | 18                  | 176.4             | *                    | *                  | *                      | *                    | *                | *              | 7                   | 44.3              | 6                   | 8.1               | 44       |
| 45                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 45       |
| 46                           | 61                | 104.2           | 17                  | 166.6             | 38                   | 155.5              | 26                     | 245.4                | *                | *              | 19                  | 120.4             | 64                  | 86.0              | 46       |
| 47                           | 23                | 39.3            | 11                  | 107.8             | 24                   | 98.2               | 11                     | 103.8                | *                | *              | 10                  | 63.4              | 36                  | 48.4              | 47       |
| 48                           | 38                | 64.9            | 6                   | 58.8              | 14                   | 57.3               | 15                     | 141.5                | *                | *              | 9                   | 57.0              | 28                  | 37.6              | 48       |
| 49                           | 44                | 75.2            | 10                  | 98.0              | 30                   | 122.7              | 6                      | 56.6                 | *                | *              | 18                  | 114.0             | 19                  | 25.5              | 49       |
| 50                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 7                   | 9.4               | 50       |
| 51                           | 33                | 56.4            | *                   | *                 | 9                    | 36.8               | 9                      | 84.9                 | *                | *              | 11                  | 69.7              | 11                  | 14.8              | 51       |
| 52                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 52       |
| 53                           | 8                 | 13.7            | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 53       |
| 54                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 54       |
| 55                           | 16                | 27.3            | *                   | *                 | 7                    | 28.6               | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 55       |
| 56                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 56       |
| 57                           | 44                | 75.2            | 12                  | 117.6             | 28                   | 114.6              | 7                      | 66.1                 | *                | *              | 15                  | 95.0              | 18                  | 24.2              | 57       |
| 58                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 58       |
| 59                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 59       |
| 60                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 60       |
| 61                           | 39                | 66.6            | 12                  | 117.6             | 28                   | 114.6              | *                      | *                    | *                | *              | 15                  | 95.0              | 15                  | 20.2              | 61       |
| 62                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 62       |
| 63                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 7                   | 9.4               | 63       |
| 64                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 64       |
| 65                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 65       |
| 66                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 66       |
| 67                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 67       |
| 68                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 68       |
| 69                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 69       |
| 70                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 70       |
| 71                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 71       |
| 72                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 72       |
| 73                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 73       |
| 74                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 6                   | 8.1               | 74       |
| 75                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 75       |
| 76                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 76       |
| 77                           | 144               | 246.0           | 22                  | 215.6             | 78                   | 319.1              | 19                     | 179.3                | 16               | 134.4          | 37                  | 234.4             | 62                  | 83.3              | 77       |
| 78                           | 37                | 63.2            | 9                   | 88.2              | 21                   | 85.9               | 12                     | 113.2                | *                | *              | 6                   | 38.0              | 34                  | 45.7              | 78       |
| 79                           | 7                 | 12.0            | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | 9                   | 12.1              | 79       |
| 80                           | 30                | 51.3            | 8                   | 78.4              | 18                   | 73.6               | 10                     | 94.4                 | *                | *              | 6                   | 38.0              | 25                  | 33.6              | 80       |
| 81                           | 6                 | 10.3            | 7                   | 68.6              | 6                    | 24.5               | *                      | *                    | *                | *              | *                   | *                 | 10                  | 13.4              | 81       |
| 82                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 82       |
| 83                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 83       |
| 84                           | *                 | *               | *                   | *                 | *                    | *                  | *                      | *                    | *                | *              | *                   | *                 | *                   | *                 | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 6 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY CITY**  
**2016**

| Line No.                     |                                                                                                                     | Johnston<br>Number | Johnston<br>Rate | Keokuk<br>Number | Keokuk<br>Rate | Marion<br>Number | Marion<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------|------------------|------------------|----------------|------------------|----------------|----------|
| 1                            | Population – July 1                                                                                                 | 21,114             | ...              | 10,431           | ...            | 38,480           | ...            | 1        |
| 2                            | Live Births                                                                                                         | 251                | 11.9             | 166              | 15.9           | 449              | 11.7           | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 50                 | 199.2            | 99               | 596.4          | 122              | 271.7          | 3        |
| 4                            | Mother under age 20                                                                                                 | 6                  | 23.9             | 19               | 114.5          | 12               | 26.7           | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 13                 | 51.8             | 9                | 54.2           | 30               | 66.8           | 5        |
| 6                            | Congenital Malformations                                                                                            | *                  | *                | *                | *              | 8                | 17.8           | 6        |
| 7                            | Deaths from All Causes                                                                                              | 126                | 6.0              | 192              | 18.4           | 358              | 9.3            | 7        |
| 8                            | Maternal Deaths                                                                                                     | *                  | *                | *                | *              | *                | *              | 8        |
| 9                            | Fetal Deaths                                                                                                        | *                  | *                | *                | *              | *                | *              | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *                  | *                | *                | *              | *                | *              | 10       |
| 11                           | Perinatal Deaths                                                                                                    | *                  | *                | *                | *              | *                | *              | 11       |
| 12                           | Infant Deaths                                                                                                       | *                  | *                | *                | *              | *                | *              | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...                | ...              | ...              | ...            | ...              | ...            | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...                | ...              | ...              | ...            | ...              | ...            | 14       |
| 15                           | Marriages                                                                                                           | 83                 | 3.9              | 66               | 6.3            | 148              | 3.8            | 15       |
| 16                           | Same-Gender Marriages                                                                                               | *                  | *                | *                | *              | *                | *              | 16       |
| 17                           | Dissolutions                                                                                                        | ...                | ...              | ...              | ...            | ...              | ...            | 17       |
| - Selected Causes of Death - |                                                                                                                     |                    |                  |                  |                |                  |                |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *                  | *                | *                | *              | *                | *              | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *                  | *                | *                | *              | *                | *              | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *                  | *                | *                | *              | *                | *              | 20       |
| 21                           | Syphilis                                                                                                            | *                  | *                | *                | *              | *                | *              | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | *                  | *                | *                | *              | *                | *              | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 23                 | 108.9            | 44               | 421.8          | 87               | 226.1          | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                  | *                | *                | *              | *                | *              | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 8                  | 37.9             | 12               | 115.0          | 27               | 70.2           | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | *                  | *                | 19               | 182.1          | 18               | 46.8           | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | *                  | *                | *                | *              | 7                | 18.2           | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | *                  | *                | *                | *              | 9                | 23.4           | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | *                  | *                | *                | *              | *                | *              | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | *                  | *                | *                | *              | 9                | 23.4           | 30       |
| 31                           | Leukemia                                                                                                            | *                  | *                | *                | *              | 7                | 18.2           | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *                  | *                | *                | *              | 6                | 15.6           | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                  | *                | *                | *              | 6                | 15.6           | 33       |
| 34                           | Anemias                                                                                                             | *                  | *                | *                | *              | *                | *              | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | *                  | *                | *                | *              | 6                | 15.6           | 35       |
| 36                           | Meningitis                                                                                                          | *                  | *                | *                | *              | *                | *              | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 10                 | 47.4             | 16               | 153.4          | 29               | 75.4           | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 48                 | 227.3            | 43               | 412.2          | 81               | 210.5          | 38       |
| 39                           | Diseases of Heart                                                                                                   | 39                 | 184.7            | 40               | 383.5          | 57               | 148.1          | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                  | *                | *                | *              | *                | *              | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *                  | *                | *                | *              | *                | *              | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *                  | *                | *                | *              | *                | *              | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 19                 | 90.0             | 28               | 268.4          | 46               | 119.5          | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 8                  | 37.9             | 7                | 67.1           | 7                | 18.2           | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                  | *                | *                | *              | *                | *              | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 11                 | 52.1             | 21               | 201.3          | 38               | 98.8           | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | *                  | *                | 11               | 105.5          | 22               | 57.2           | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 11                 | 52.1             | 10               | 95.9           | 16               | 41.6           | 48       |
| 49                           | Other Heart Diseases                                                                                                | 19                 | 90.0             | 11               | 105.5          | 11               | 28.6           | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *                  | *                | *                | *              | 7                | 18.2           | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 7                  | 33.2             | *                | *              | 13               | 33.8           | 51       |
| 52                           | Atherosclerosis                                                                                                     | *                  | *                | *                | *              | *                | *              | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *                  | *                | *                | *              | *                | *              | 53       |
| 54                           | Influenza                                                                                                           | *                  | *                | *                | *              | *                | *              | 54       |
| 55                           | Pneumonia                                                                                                           | *                  | *                | *                | *              | *                | *              | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *                  | *                | *                | *              | *                | *              | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 10                 | 47.4             | 18               | 172.6          | 23               | 59.8           | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *                  | *                | *                | *              | *                | *              | 58       |
| 59                           | Emphysema                                                                                                           | *                  | *                | *                | *              | *                | *              | 59       |
| 60                           | Asthma                                                                                                              | *                  | *                | *                | *              | *                | *              | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 9                  | 42.6             | 17               | 163.0          | 21               | 54.6           | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *                  | *                | *                | *              | *                | *              | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | *                  | *                | *                | *              | *                | *              | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                  | *                | *                | *              | *                | *              | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *                  | *                | *                | *              | *                | *              | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                  | *                | *                | *              | *                | *              | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                  | *                | *                | *              | *                | *              | 67       |
| 68                           | Renal Failure                                                                                                       | *                  | *                | *                | *              | *                | *              | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *                  | *                | *                | *              | *                | *              | 69       |
| 70                           | Infections of Kidney                                                                                                | *                  | *                | *                | *              | *                | *              | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *                  | *                | *                | *              | *                | *              | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                  | *                | *                | *              | *                | *              | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *                  | *                | *                | *              | *                | *              | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                  | *                | *                | *              | *                | *              | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *                  | *                | *                | *              | *                | *              | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                  | *                | 6                | 57.5           | *                | *              | 76       |
| 77                           | All Other Diseases                                                                                                  | 12                 | 56.8             | 23               | 220.5          | 79               | 205.3          | 77       |
| 78                           | Unintentional Injuries                                                                                              | *                  | *                | 15               | 143.8          | 17               | 44.2           | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | *                  | *                | *                | *              | *                | *              | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | *                  | *                | 13               | 124.6          | 13               | 33.8           | 80       |
| 81                           | Suicides                                                                                                            | 6                  | 28.4             | *                | *              | 6                | 15.6           | 81       |
| 82                           | Teen Suicides                                                                                                       | *                  | *                | *                | *              | *                | *              | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *                  | *                | *                | *              | *                | *              | 83       |
| 84                           | Other External Causes                                                                                               | *                  | *                | *                | *              | *                | *              | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 6 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY CITY**  
**2016**

| Line No.                     | Marshalltown<br>Number | Marshalltown<br>Rate | Mason City<br>Number | Mason City<br>Rate | Muscatine<br>Number | Muscatine<br>Rate | Newton<br>Number | Newton<br>Rate | North Liberty<br>Number | North Liberty<br>Rate | Norwalk<br>Number | Norwalk<br>Rate | Oskaloosa<br>Number | Oskaloosa<br>Rate | Line No. |
|------------------------------|------------------------|----------------------|----------------------|--------------------|---------------------|-------------------|------------------|----------------|-------------------------|-----------------------|-------------------|-----------------|---------------------|-------------------|----------|
| 1                            | 27,328                 | ...                  | 27,430               | ...                | 23,914              | ...               | 15,034           | ...            | 18,520                  | ...                   | 10,590            | ...             | 11,523              | ...               | 1        |
| 2                            | 440                    | 16.1                 | 309                  | 11.3               | 393                 | 16.4              | 223              | 14.8           | 407                     | 22.0                  | 161               | 15.2            | 180                 | 15.6              | 2        |
| 3                            | 177                    | 402.3                | 144                  | 466.0              | 178                 | 452.9             | 84               | 376.7          | 59                      | 145.0                 | 35                | 217.4           | 63                  | 350.0             | 3        |
| 4                            | 36                     | 81.8                 | 14                   | 45.3               | 25                  | 63.6              | 8                | 35.9           | 6                       | 14.7                  | 6                 | 37.3            | 8                   | 44.4              | 4        |
| 5                            | 31                     | 70.5                 | 21                   | 68.0               | 27                  | 68.7              | 18               | 80.7           | 23                      | 56.5                  | 8                 | 49.7            | 16                  | 88.9              | 5        |
| 6                            | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 6        |
| 7                            | 410                    | 15.0                 | 371                  | 13.5               | 312                 | 13.0              | 234              | 15.6           | 55                      | 3.0                   | 79                | 7.5             | 193                 | 16.7              | 7        |
| 8                            | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 8        |
| 9                            | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 9        |
| 10                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 10       |
| 11                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 11       |
| 12                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 12       |
| 13                           | ...                    | ...                  | ...                  | ...                | ...                 | ...               | ...              | ...            | ...                     | ...                   | ...               | ...             | ...                 | ...               | 13       |
| 14                           | ...                    | ...                  | ...                  | ...                | ...                 | ...               | ...              | ...            | ...                     | ...                   | ...               | ...             | ...                 | ...               | 14       |
| 15                           | 197                    | 7.2                  | 193                  | 7.0                | 211                 | 8.8               | 140              | 9.3            | 42                      | 2.3                   | 59                | 5.6             | 112                 | 9.7               | 15       |
| 16                           | *                      | *                    | 6                    | 0.2                | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 16       |
| 17                           | ...                    | ...                  | ...                  | ...                | ...                 | ...               | ...              | ...            | ...                     | ...                   | ...               | ...             | ...                 | ...               | 17       |
| - Selected Causes of Death - |                        |                      |                      |                    |                     |                   |                  |                |                         |                       |                   |                 |                     |                   |          |
| 18                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 18       |
| 19                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 19       |
| 20                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 20       |
| 21                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 21       |
| 22                           | 9                      | 32.9                 | 7                    | 25.5               | 7                   | 29.3              | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 22       |
| 23                           | 72                     | 263.5                | 62                   | 226.0              | 75                  | 313.6             | 56               | 372.5          | 18                      | 97.2                  | 15                | 141.6           | 38                  | 329.8             | 23       |
| 24                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 24       |
| 25                           | 18                     | 65.9                 | 15                   | 54.7               | 24                  | 100.4             | 18               | 119.7          | 6                       | 32.4                  | 6                 | 56.7            | 7                   | 60.7              | 25       |
| 26                           | 17                     | 62.2                 | 16                   | 58.3               | 13                  | 54.4              | 18               | 119.7          | *                       | *                     | *                 | *               | 13                  | 112.8             | 26       |
| 27                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | 6                       | 39.9                  | *                 | *               | *                   | *                 | 27       |
| 28                           | *                      | *                    | 7                    | 25.5               | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 28       |
| 29                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | 7                   | 60.7              | 29       |
| 30                           | 16                     | 58.5                 | 8                    | 29.2               | 16                  | 66.9              | 6                | 39.9           | *                       | *                     | *                 | *               | *                   | *                 | 30       |
| 31                           | 6                      | 22.0                 | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 31       |
| 32                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 32       |
| 33                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 33       |
| 34                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 34       |
| 35                           | 15                     | 54.9                 | 7                    | 25.5               | 11                  | 46.0              | 10               | 66.5           | *                       | *                     | *                 | *               | *                   | *                 | 35       |
| 36                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 36       |
| 37                           | 19                     | 69.5                 | 22                   | 80.2               | 9                   | 37.6              | 6                | 39.9           | *                       | *                     | 7                 | 66.1            | 22                  | 190.9             | 37       |
| 38                           | 123                    | 450.1                | 118                  | 430.2              | 82                  | 342.9             | 71               | 472.3          | 16                      | 86.4                  | 23                | 217.2           | 72                  | 624.8             | 38       |
| 39                           | 94                     | 344.0                | 87                   | 317.2              | 60                  | 250.9             | 52               | 345.9          | 15                      | 81.0                  | 18                | 170.0           | 52                  | 451.3             | 39       |
| 40                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 40       |
| 41                           | 26                     | 95.1                 | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 41       |
| 42                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 42       |
| 43                           | 49                     | 179.3                | 54                   | 196.9              | 40                  | 167.3             | 24               | 159.6          | 13                      | 70.2                  | 15                | 141.6           | 40                  | 347.1             | 43       |
| 44                           | 16                     | 58.5                 | 12                   | 43.7               | 11                  | 46.0              | *                | *              | *                       | *                     | *                 | *               | 6                   | 52.1              | 44       |
| 45                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 45       |
| 46                           | 33                     | 120.8                | 42                   | 153.1              | 29                  | 121.3             | 19               | 126.4          | 13                      | 70.2                  | 12                | 113.3           | 34                  | 295.1             | 46       |
| 47                           | 7                      | 25.6                 | *                    | *                  | 21                  | 87.8              | *                | *              | 8                       | 43.2                  | *                 | *               | 10                  | 86.8              | 47       |
| 48                           | 26                     | 95.1                 | 42                   | 153.1              | 8                   | 33.5              | 14               | 93.1           | *                       | *                     | 9                 | 85.0            | 24                  | 208.3             | 48       |
| 49                           | 16                     | 58.5                 | 26                   | 94.8               | 20                  | 83.6              | 26               | 172.9          | *                       | *                     | *                 | *               | 12                  | 104.1             | 49       |
| 50                           | *                      | *                    | 10                   | 36.5               | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 50       |
| 51                           | 25                     | 91.5                 | 18                   | 65.6               | 15                  | 62.7              | 15               | 99.8           | *                       | *                     | *                 | *               | 17                  | 147.5             | 51       |
| 52                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 52       |
| 53                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 53       |
| 54                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 54       |
| 55                           | 7                      | 25.6                 | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 55       |
| 56                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 56       |
| 57                           | 30                     | 109.8                | 21                   | 76.6               | 21                  | 87.8              | 12               | 79.8           | *                       | *                     | *                 | *               | 12                  | 104.1             | 57       |
| 58                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 58       |
| 59                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 59       |
| 60                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 60       |
| 61                           | 28                     | 102.5                | 19                   | 69.3               | 18                  | 75.3              | 12               | 79.8           | *                       | *                     | *                 | *               | 11                  | 95.5              | 61       |
| 62                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 62       |
| 63                           | 10                     | 36.6                 | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 63       |
| 64                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 64       |
| 65                           | *                      | *                    | 7                    | 25.5               | *                   | *                 | *                | *              | 7                       | 46.6                  | *                 | *               | *                   | *                 | 65       |
| 66                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 66       |
| 67                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 67       |
| 68                           | *                      | *                    | 6                    | 21.9               | *                   | *                 | 7                | 46.6           | *                       | *                     | *                 | *               | *                   | *                 | 68       |
| 69                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 69       |
| 70                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 70       |
| 71                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 71       |
| 72                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 72       |
| 73                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 73       |
| 74                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 74       |
| 75                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 75       |
| 76                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 76       |
| 77                           | 84                     | 307.4                | 71                   | 258.8              | 69                  | 288.5             | 49               | 325.9          | *                       | *                     | 17                | 160.5           | 26                  | 225.6             | 77       |
| 78                           | 19                     | 69.5                 | 24                   | 87.5               | 14                  | 58.5              | 6                | 39.9           | *                       | *                     | *                 | *               | 10                  | 86.8              | 78       |
| 79                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 79       |
| 80                           | 16                     | 58.5                 | 20                   | 72.9               | 10                  | 41.8              | *                | *              | *                       | *                     | *                 | *               | 6                   | 52.1              | 80       |
| 81                           | *                      | *                    | 6                    | 21.9               | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 81       |
| 82                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 82       |
| 83                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 83       |
| 84                           | *                      | *                    | *                    | *                  | *                   | *                 | *                | *              | *                       | *                     | *                 | *               | *                   | *                 | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 6 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY CITY**  
**2016**

| Line No.                     |                                                                                                                     | Ottumwa<br>Number | Ottumwa<br>Rate | Pella<br>Number | Pella<br>Rate | Sioux City<br>Number | Sioux City<br>Rate | Line No. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-----------------|---------------|----------------------|--------------------|----------|
| 1                            | Population – July 1                                                                                                 | 24,487            | ...             | 10,255          | ...           | 82,872               | ...                | 1        |
| 2                            | Live Births                                                                                                         | 385               | 15.7            | 153             | 14.9          | 1,378                | 16.6               | 2        |
| 3                            | Out-of-Wedlock                                                                                                      | 186               | 483.1           | 22              | 143.8         | 730                  | 529.8              | 3        |
| 4                            | Mother under age 20                                                                                                 | 30                | 77.9            | *               | *             | 84                   | 61.0               | 4        |
| 5                            | Low Birth Weight < 2,500 Grams                                                                                      | 30                | 77.9            | 8               | 52.3          | 113                  | 82.0               | 5        |
| 6                            | Congenital Malformations                                                                                            | *                 | *               | *               | *             | 9                    | 6.5                | 6        |
| 7                            | Deaths from All Causes                                                                                              | 336               | 13.7            | 122             | 11.9          | 783                  | 9.4                | 7        |
| 8                            | Maternal Deaths                                                                                                     | *                 | *               | *               | *             | *                    | *                  | 8        |
| 9                            | Fetal Deaths                                                                                                        | 6                 | 15.6            | *               | *             | 6                    | 4.4                | 9        |
| 10                           | Neonatal Deaths                                                                                                     | *                 | *               | *               | *             | *                    | *                  | 10       |
| 11                           | Perinatal Deaths                                                                                                    | 7                 | 18.2            | *               | *             | 10                   | 7.3                | 11       |
| 12                           | Infant Deaths                                                                                                       | *                 | *               | *               | *             | 11                   | 8.0                | 12       |
| 13                           | Induced Termination of Pregnancy                                                                                    | ...               | ...             | ...             | ...           | ...                  | ...                | 13       |
| 14                           | Spontaneous Termination of Pregnancy                                                                                | ...               | ...             | ...             | ...           | ...                  | ...                | 14       |
| 15                           | Marriages                                                                                                           | 176               | 7.2             | 82              | 8.0           | 511                  | 6.2                | 15       |
| 16                           | Same-Gender Marriages                                                                                               | *                 | *               | *               | *             | 16                   | 0.2                | 16       |
| 17                           | Dissolutions                                                                                                        | ...               | ...             | ...             | ...           | ...                  | ...                | 17       |
| - Selected Causes of Death - |                                                                                                                     |                   |                 |                 |               |                      |                    |          |
| 18                           | Tuberculosis, All Forms                                                                                             | *                 | *               | *               | *             | *                    | *                  | 18       |
| 19                           | Tuberculosis of Respiratory System                                                                                  | *                 | *               | *               | *             | *                    | *                  | 19       |
| 20                           | Other Tuberculosis                                                                                                  | *                 | *               | *               | *             | *                    | *                  | 20       |
| 21                           | Syphilis                                                                                                            | *                 | *               | *               | *             | *                    | *                  | 21       |
| 22                           | Other Infective and Parasitic Diseases                                                                              | *                 | *               | *               | *             | 25                   | 30.2               | 22       |
| 23                           | Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                                     | 68                | 277.7           | 23              | 224.3         | 176                  | 212.4              | 23       |
| 24                           | Malignant Neoplasms of Lip, Oral Cavity, and Pharynx                                                                | *                 | *               | *               | *             | *                    | *                  | 24       |
| 25                           | Malignant Neoplasms of Digestive Organs and Peritoneum                                                              | 19                | 77.6            | *               | *             | 30                   | 36.2               | 25       |
| 26                           | Malignant Neoplasms of Respiratory and Intrathoracic Organ                                                          | 18                | 73.5            | *               | *             | 56                   | 67.6               | 26       |
| 27                           | Malignant Neoplasms of Breast                                                                                       | *                 | *               | *               | *             | 18                   | 21.7               | 27       |
| 28                           | Malignant Neoplasms of Genital Organs                                                                               | 9                 | 36.8            | *               | *             | 13                   | 15.7               | 28       |
| 29                           | Malignant Neoplasms of Urinary Organs                                                                               | 6                 | 24.5            | *               | *             | 11                   | 13.3               | 29       |
| 30                           | Malignant Neoplasms of All Other and Unspecified Sites                                                              | 6                 | 24.5            | *               | *             | 25                   | 30.2               | 30       |
| 31                           | Leukemia                                                                                                            | *                 | *               | *               | *             | 11                   | 13.3               | 31       |
| 32                           | Other Neoplasms of Lymphatic and Hematopoietic Tissues                                                              | *                 | *               | *               | *             | 10                   | 12.1               | 32       |
| 33                           | Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature                  | *                 | *               | *               | *             | *                    | *                  | 33       |
| 34                           | Anemias                                                                                                             | *                 | *               | *               | *             | *                    | *                  | 34       |
| 35                           | Diabetes Mellitus                                                                                                   | 6                 | 24.5            | *               | *             | 34                   | 41.0               | 35       |
| 36                           | Meningitis                                                                                                          | *                 | *               | *               | *             | *                    | *                  | 36       |
| 37                           | Alzheimer's Disease                                                                                                 | 29                | 118.4           | 7               | 68.3          | 12                   | 14.5               | 37       |
| 38                           | Major Cardiovascular Diseases                                                                                       | 96                | 392.0           | 52              | 507.1         | 164                  | 197.9              | 38       |
| 39                           | Diseases of Heart                                                                                                   | 81                | 330.8           | 41              | 399.8         | 125                  | 150.8              | 39       |
| 40                           | Rheumatic Fever and Rheumatic Heart Disease                                                                         | *                 | *               | *               | *             | *                    | *                  | 40       |
| 41                           | Hypertensive Heart Disease                                                                                          | *                 | *               | *               | *             | 10                   | 12.1               | 41       |
| 42                           | Hypertensive Heart and Renal Disease                                                                                | *                 | *               | *               | *             | *                    | *                  | 42       |
| 43                           | Ischemic Heart Disease                                                                                              | 54                | 220.5           | 17              | 165.8         | 60                   | 72.4               | 43       |
| 44                           | Acute Myocardial Infarction                                                                                         | 9                 | 36.8            | *               | *             | 14                   | 16.9               | 44       |
| 45                           | Other Acute and Subacute Forms of Ischemic Heart Disease                                                            | *                 | *               | *               | *             | *                    | *                  | 45       |
| 46                           | Other Forms of Chronic Ischemic Heart Disease                                                                       | 45                | 183.8           | 13              | 126.8         | 45                   | 54.3               | 46       |
| 47                           | Atherosclerotic Cardiovascular Disease                                                                              | 33                | 134.8           | *               | *             | 13                   | 15.7               | 47       |
| 48                           | All Other Forms of Chronic Ischemic Heart Disease                                                                   | 12                | 49.0            | 9               | 87.8          | 32                   | 38.6               | 48       |
| 49                           | Other Heart Diseases                                                                                                | 27                | 110.3           | 22              | 214.5         | 51                   | 61.5               | 49       |
| 50                           | Essential Hypertension and Hypertensive Renal Disease                                                               | *                 | *               | *               | *             | 12                   | 14.5               | 50       |
| 51                           | Cerebrovascular Diseases                                                                                            | 12                | 49.0            | 9               | 87.8          | 20                   | 24.1               | 51       |
| 52                           | Atherosclerosis                                                                                                     | *                 | *               | *               | *             | *                    | *                  | 52       |
| 53                           | Other Diseases of Circulatory System                                                                                | *                 | *               | *               | *             | 6                    | 7.2                | 53       |
| 54                           | Influenza                                                                                                           | *                 | *               | *               | *             | *                    | *                  | 54       |
| 55                           | Pneumonia                                                                                                           | 7                 | 28.6            | *               | *             | 8                    | 9.7                | 55       |
| 56                           | Acute Bronchitis and Bronchiolitis                                                                                  | *                 | *               | *               | *             | *                    | *                  | 56       |
| 57                           | Chronic Lower Respiratory Diseases                                                                                  | 36                | 147.0           | *               | *             | 79                   | 95.3               | 57       |
| 58                           | Bronchitis, Chronic and Unspecified                                                                                 | *                 | *               | *               | *             | *                    | *                  | 58       |
| 59                           | Emphysema                                                                                                           | *                 | *               | *               | *             | *                    | *                  | 59       |
| 60                           | Asthma                                                                                                              | *                 | *               | *               | *             | *                    | *                  | 60       |
| 61                           | Other Chronic Lower Respiratory Diseases                                                                            | 36                | 147.0           | *               | *             | 74                   | 89.3               | 61       |
| 62                           | Peptic Ulcer                                                                                                        | *                 | *               | *               | *             | *                    | *                  | 62       |
| 63                           | Chronic Liver Disease and Cirrhosis                                                                                 | *                 | *               | *               | *             | 10                   | 12.1               | 63       |
| 64                           | Cholelithiasis and Other Disorders of the Gallbladder                                                               | *                 | *               | *               | *             | *                    | *                  | 64       |
| 65                           | Nephritis, Nephrotic Syndrome, and Nephrosis                                                                        | *                 | *               | *               | *             | 11                   | 13.3               | 65       |
| 66                           | Acute and Rapidly Progressive Nephritic and Nephrotic Syndrome                                                      | *                 | *               | *               | *             | *                    | *                  | 66       |
| 67                           | Chronic Glomerulonephritis, Nephritis and Nephritis not Specified as Acute or Chronic & Renal Sclerosis Unspecified | *                 | *               | *               | *             | *                    | *                  | 67       |
| 68                           | Renal Failure                                                                                                       | *                 | *               | *               | *             | 11                   | 13.3               | 68       |
| 69                           | Other Disorders of Kidney                                                                                           | *                 | *               | *               | *             | *                    | *                  | 69       |
| 70                           | Infections of Kidney                                                                                                | *                 | *               | *               | *             | *                    | *                  | 70       |
| 71                           | Hyperplasia of Prostate                                                                                             | *                 | *               | *               | *             | *                    | *                  | 71       |
| 72                           | Complications of Pregnancy, Childbirth and the Puerperium                                                           | *                 | *               | *               | *             | *                    | *                  | 72       |
| 73                           | Certain Conditions Originating in the Perinatal Period                                                              | *                 | *               | *               | *             | *                    | *                  | 73       |
| 74                           | Congenital Malformations, Deformations and Chromosomal Abnormalities                                                | *                 | *               | *               | *             | *                    | *                  | 74       |
| 75                           | Sudden Infant Death Syndrome                                                                                        | *                 | *               | *               | *             | *                    | *                  | 75       |
| 76                           | Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                                     | *                 | *               | *               | *             | 41                   | 49.5               | 76       |
| 77                           | All Other Diseases                                                                                                  | 49                | 200.1           | 16              | 156.0         | 161                  | 194.3              | 77       |
| 78                           | Unintentional Injuries                                                                                              | 20                | 81.7            | *               | *             | 31                   | 37.4               | 78       |
| 79                           | Motor Vehicle Crashes                                                                                               | 7                 | 28.6            | *               | *             | *                    | *                  | 79       |
| 80                           | All Other Unintentional Injuries                                                                                    | 13                | 53.1            | *               | *             | 26                   | 31.4               | 80       |
| 81                           | Suicides                                                                                                            | *                 | *               | *               | *             | 11                   | 13.3               | 81       |
| 82                           | Teen Suicides                                                                                                       | *                 | *               | *               | *             | *                    | *                  | 82       |
| 83                           | Homicide and Legal Intervention                                                                                     | *                 | *               | *               | *             | *                    | *                  | 83       |
| 84                           | Other External Causes                                                                                               | *                 | *               | *               | *             | *                    | *                  | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 6 (CONTINUED)**  
**SUMMARY OF SELECTED VITAL EVENTS BY CITY**  
**2016**

| Line No.                            | Spencer<br>Number | Spencer<br>Rate | Storm Lake<br>Number | Storm Lake<br>Rate | Urbandale<br>Number | Urbandale<br>Rate | Waterloo<br>Number | Waterloo<br>Rate | Waukee<br>Number | Waukee<br>Rate | Waverly<br>Number | Waverly<br>Rate | West Des Moines<br>Number | West Des Moines<br>Rate | Line No. |
|-------------------------------------|-------------------|-----------------|----------------------|--------------------|---------------------|-------------------|--------------------|------------------|------------------|----------------|-------------------|-----------------|---------------------------|-------------------------|----------|
| 1                                   | 11,138            | ...             | 10,773               | ...                | 43,018              | ...               | 67,934             | ...              | 19,284           | ...            | 10,093            | ...             | 64,560                    | ...                     | 1        |
| 2                                   | 147               | 13.2            | 211                  | 19.6               | 550                 | 12.8              | 1,038              | 15.3             | 334              | 17.3           | 112               | 11.1            | 880                       | 13.6                    | 2        |
| 3                                   | 56                | 381.0           | 106                  | 502.4              | 105                 | 190.9             | 559                | 538.5            | 36               | 107.8          | 22                | 196.4           | 180                       | 204.5                   | 3        |
| 4                                   | *                 | *               | 16                   | 75.8               | 6                   | 10.9              | 54                 | 52.0             | *                | *              | *                 | *               | 18                        | 20.5                    | 4        |
| 5                                   | 6                 | 40.8            | 9                    | 42.7               | 36                  | 65.5              | 94                 | 90.6             | 21               | 62.9           | 9                 | 80.4            | 62                        | 70.5                    | 5        |
| 6                                   | *                 | *               | *                    | *                  | *                   | *                 | 8                  | 7.7              | *                | *              | *                 | *               | 6                         | 6.8                     | 6        |
| 7                                   | 134               | 12.0            | 120                  | 11.1               | 271                 | 6.3               | 708                | 10.4             | 98               | 5.1            | 119               | 11.8            | 391                       | 6.1                     | 7        |
| 8                                   | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 8        |
| 9                                   | *                 | *               | *                    | *                  | *                   | *                 | 16                 | 15.4             | *                | *              | *                 | *               | *                         | *                       | 9        |
| 10                                  | *                 | *               | *                    | *                  | *                   | *                 | 6                  | 5.8              | *                | *              | *                 | *               | 6                         | 6.8                     | 10       |
| 11                                  | *                 | *               | *                    | *                  | *                   | *                 | 22                 | 21.2             | *                | *              | *                 | *               | 6                         | 6.8                     | 11       |
| 12                                  | *                 | *               | *                    | *                  | *                   | *                 | 10                 | 9.6              | *                | *              | *                 | *               | 6                         | 6.8                     | 12       |
| 13                                  | ...               | ...             | ...                  | ...                | ...                 | ...               | ...                | ...              | ...              | ...            | ...               | ...             | ...                       | ...                     | 13       |
| 14                                  | ...               | ...             | ...                  | ...                | ...                 | ...               | ...                | ...              | ...              | ...            | ...               | ...             | ...                       | ...                     | 14       |
| 15                                  | 65                | 5.8             | 85                   | 7.9                | 136                 | 3.2               | 401                | 5.9              | 48               | 2.5            | 83                | 8.2             | 346                       | 5.4                     | 15       |
| 16                                  | *                 | *               | *                    | *                  | *                   | *                 | 12                 | 0.2              | *                | *              | *                 | *               | *                         | *                       | 16       |
| 17                                  | ...               | ...             | ...                  | ...                | ...                 | ...               | ...                | ...              | ...              | ...            | ...               | ...             | ...                       | ...                     | 17       |
| <b>- Selected Causes of Death -</b> |                   |                 |                      |                    |                     |                   |                    |                  |                  |                |                   |                 |                           |                         |          |
| 18                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 18       |
| 19                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 19       |
| 20                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 20       |
| 21                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 21       |
| 22                                  | *                 | *               | *                    | *                  | *                   | *                 | 6                  | 8.8              | *                | *              | *                 | *               | 10                        | 15.5                    | 22       |
| 23                                  | 28                | 251.4           | 20                   | 185.6              | 62                  | 144.1             | 137                | 201.7            | 23               | 119.3          | 30                | 297.2           | 82                        | 127.0                   | 23       |
| 24                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 24       |
| 25                                  | 9                 | 80.8            | 6                    | 55.7               | 15                  | 34.9              | 38                 | 55.9             | 6                | 31.1           | *                 | *               | 17                        | 26.3                    | 25       |
| 26                                  | 8                 | 71.8            | *                    | *                  | 18                  | 41.8              | 40                 | 58.9             | *                | *              | 10                | 99.1            | 24                        | 37.2                    | 26       |
| 27                                  | *                 | *               | *                    | *                  | *                   | *                 | 9                  | 13.2             | *                | *              | *                 | *               | *                         | *                       | 27       |
| 28                                  | *                 | *               | *                    | *                  | 8                   | 18.6              | 12                 | 17.7             | *                | *              | *                 | *               | 10                        | 15.5                    | 28       |
| 29                                  | *                 | *               | *                    | *                  | 6                   | 13.9              | *                  | *                | *                | *              | *                 | *               | 6                         | 9.3                     | 29       |
| 30                                  | *                 | *               | *                    | *                  | 8                   | 18.6              | 19                 | 28.0             | *                | *              | *                 | *               | 10                        | 15.5                    | 30       |
| 31                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 31       |
| 32                                  | *                 | *               | *                    | *                  | *                   | *                 | 7                  | 10.3             | *                | *              | *                 | *               | *                         | *                       | 32       |
| 33                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 33       |
| 34                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 34       |
| 35                                  | *                 | *               | 9                    | 83.5               | 6                   | 13.9              | 25                 | 36.8             | *                | *              | *                 | *               | 6                         | 9.3                     | 35       |
| 36                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 36       |
| 37                                  | 6                 | 53.9            | 6                    | 55.7               | 20                  | 46.5              | 19                 | 28.0             | 10               | 51.9           | *                 | *               | 36                        | 55.8                    | 37       |
| 38                                  | 37                | 332.2           | 43                   | 399.1              | 62                  | 144.1             | 235                | 345.9            | 27               | 140.0          | 49                | 485.5           | 89                        | 137.9                   | 38       |
| 39                                  | 28                | 251.4           | 29                   | 269.2              | 53                  | 123.2             | 152                | 223.7            | 22               | 114.1          | 39                | 386.4           | 71                        | 110.0                   | 39       |
| 40                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 40       |
| 41                                  | *                 | *               | *                    | *                  | *                   | *                 | 12                 | 17.7             | *                | *              | *                 | *               | *                         | *                       | 41       |
| 42                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 42       |
| 43                                  | 18                | 161.6           | 21                   | 194.9              | 40                  | 93.0              | 84                 | 123.6            | 14               | 72.6           | 26                | 257.6           | 41                        | 63.5                    | 43       |
| 44                                  | 6                 | 53.9            | *                    | *                  | 12                  | 27.9              | 16                 | 23.6             | *                | *              | *                 | *               | 15                        | 23.2                    | 44       |
| 45                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 45       |
| 46                                  | 12                | 107.7           | 17                   | 157.8              | 28                  | 65.1              | 66                 | 97.2             | 11               | 57.0           | 23                | 227.9           | 26                        | 40.3                    | 46       |
| 47                                  | *                 | *               | *                    | *                  | 6                   | 13.9              | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 47       |
| 48                                  | 10                | 89.8            | 16                   | 148.5              | 22                  | 51.1              | 61                 | 89.8             | 10               | 51.9           | 23                | 227.9           | 21                        | 32.5                    | 48       |
| 49                                  | 9                 | 80.8            | 7                    | 65.0               | 8                   | 18.6              | 49                 | 72.1             | 8                | 41.5           | 12                | 118.9           | 26                        | 40.3                    | 49       |
| 50                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | 31               | 45.6           | *                 | *               | *                         | *                       | 50       |
| 51                                  | 6                 | 53.9            | 11                   | 102.1              | 8                   | 18.6              | 42                 | 61.8             | *                | *              | 7                 | 69.4            | 8                         | 12.4                    | 51       |
| 52                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 52       |
| 53                                  | *                 | *               | *                    | *                  | *                   | *                 | 9                  | 13.2             | *                | *              | *                 | *               | 7                         | 10.8                    | 53       |
| 54                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 54       |
| 55                                  | *                 | *               | *                    | *                  | *                   | *                 | 9                  | 13.2             | *                | *              | *                 | *               | 8                         | 12.4                    | 55       |
| 56                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 56       |
| 57                                  | 11                | 98.8            | 8                    | 74.3               | 10                  | 23.2              | 56                 | 82.4             | *                | *              | 9                 | 89.2            | 22                        | 34.1                    | 57       |
| 58                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 58       |
| 59                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 59       |
| 60                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 60       |
| 61                                  | 11                | 98.8            | 7                    | 65.0               | 9                   | 20.9              | 53                 | 78.0             | *                | *              | 9                 | 89.2            | 21                        | 32.5                    | 61       |
| 62                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 62       |
| 63                                  | *                 | *               | *                    | *                  | *                   | *                 | 7                  | 10.3             | *                | *              | *                 | *               | 10                        | 15.5                    | 63       |
| 64                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 64       |
| 65                                  | *                 | *               | *                    | *                  | *                   | *                 | 12                 | 17.7             | *                | *              | *                 | *               | *                         | *                       | 65       |
| 66                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 66       |
| 67                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 67       |
| 68                                  | *                 | *               | *                    | *                  | *                   | *                 | 12                 | 17.7             | *                | *              | *                 | *               | *                         | *                       | 68       |
| 69                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 69       |
| 70                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 70       |
| 71                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 71       |
| 72                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 72       |
| 73                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | 6                         | 9.3                     | 73       |
| 74                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 74       |
| 75                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 75       |
| 76                                  | *                 | *               | *                    | *                  | *                   | *                 | 6                  | 8.8              | *                | *              | *                 | *               | *                         | *                       | 76       |
| 77                                  | 25                | 224.5           | 18                   | 167.1              | 64                  | 148.8             | 110                | 161.9            | 16               | 83.0           | 17                | 168.4           | 86                        | 133.2                   | 77       |
| 78                                  | *                 | *               | 8                    | 74.3               | 21                  | 48.8              | 44                 | 64.8             | *                | *              | *                 | *               | 20                        | 31.0                    | 78       |
| 79                                  | *                 | *               | *                    | *                  | *                   | *                 | 10                 | 14.7             | *                | *              | *                 | *               | *                         | *                       | 79       |
| 80                                  | *                 | *               | *                    | *                  | 18                  | 41.8              | 34                 | 50.0             | *                | *              | *                 | *               | 16                        | 24.8                    | 80       |
| 81                                  | *                 | *               | *                    | *                  | *                   | *                 | 12                 | 17.7             | *                | *              | *                 | *               | 7                         | 10.8                    | 81       |
| 82                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 82       |
| 83                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 83       |
| 84                                  | *                 | *               | *                    | *                  | *                   | *                 | *                  | *                | *                | *              | *                 | *               | *                         | *                       | 84       |

\* In this table, counts of five or less births/deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 7**  
**LIVE BIRTHS BY GENDER, BIRTH ORDER, AND PLURAL BIRTHS, BY AGE AND RACE OF MOTHER**  
**2016 RESIDENT DATA**

| Race and Gender               | Total         | Live Births | < 16       | 16 – 17      | 18 – 19      | 20 – 24       | 25 – 29       | 30 – 34      | 35 – 39    | 40 – 44   | 45 +     | Not Stated |
|-------------------------------|---------------|-------------|------------|--------------|--------------|---------------|---------------|--------------|------------|-----------|----------|------------|
| <b>Total</b>                  | <b>39,223</b> | <b>51</b>   | <b>349</b> | <b>1,393</b> | <b>8,120</b> | <b>13,253</b> | <b>11,058</b> | <b>4,234</b> | <b>718</b> | <b>43</b> | <b>4</b> |            |
| Male                          | 19,913        | 25          | 171        | 713          | 4,099        | 6,781         | 5,591         | 2,154        | 360        | 19        | 0        |            |
| Female                        | 19,310        | 26          | 178        | 680          | 4,021        | 6,472         | 5,467         | 2,080        | 358        | 24        | 4        |            |
| <b>White</b>                  | <b>33,506</b> | <b>33</b>   | <b>240</b> | <b>1,069</b> | <b>6,657</b> | <b>11,577</b> | <b>9,696</b>  | <b>3,606</b> | <b>589</b> | <b>35</b> | <b>4</b> |            |
| Male                          | 17,041        | 20          | 118        | 551          | 3,393        | 5,907         | 4,911         | 1,841        | 287        | 13        | 0        |            |
| Female                        | 16,465        | 13          | 122        | 518          | 3,264        | 5,670         | 4,785         | 1,765        | 302        | 22        | 4        |            |
| <b>African American</b>       | <b>2,681</b>  | <b>10</b>   | <b>60</b>  | <b>181</b>   | <b>822</b>   | <b>816</b>    | <b>498</b>    | <b>245</b>   | <b>47</b>  | <b>2</b>  | <b>0</b> |            |
| Male                          | 1,302         | 5           | 30         | 88           | 373          | 411           | 241           | 126          | 27         | 1         | 0        |            |
| Female                        | 1,379         | 5           | 30         | 93           | 449          | 405           | 257           | 119          | 20         | 1         | 0        |            |
| <b>Asian/Pacific Islander</b> | <b>1,403</b>  | <b>4</b>    | <b>8</b>   | <b>24</b>    | <b>201</b>   | <b>431</b>    | <b>496</b>    | <b>201</b>   | <b>33</b>  | <b>5</b>  | <b>0</b> |            |
| Male                          | 719           | 0           | 6          | 12           | 101          | 231           | 247           | 101          | 17         | 4         | 0        |            |
| Female                        | 684           | 4           | 2          | 12           | 100          | 200           | 249           | 100          | 16         | 1         | 0        |            |
| <b>Other</b>                  | <b>1,633</b>  | <b>4</b>    | <b>41</b>  | <b>119</b>   | <b>440</b>   | <b>429</b>    | <b>368</b>    | <b>182</b>   | <b>49</b>  | <b>1</b>  | <b>0</b> |            |
| Male                          | 851           | 0           | 17         | 62           | 232          | 232           | 192           | 86           | 29         | 1         | 0        |            |
| Female                        | 782           | 4           | 24         | 57           | 208          | 197           | 176           | 96           | 20         | 0         | 0        |            |
| <b>Hispanic*</b>              | <b>3,402</b>  | <b>11</b>   | <b>82</b>  | <b>252</b>   | <b>984</b>   | <b>941</b>    | <b>702</b>    | <b>334</b>   | <b>95</b>  | <b>1</b>  | <b>0</b> |            |
| Male                          | 1,734         | 3           | 39         | 128          | 500          | 490           | 344           | 173          | 56         | 1         | 0        |            |
| Female                        | 1,668         | 8           | 43         | 124          | 484          | 451           | 358           | 161          | 39         | 0         | 0        |            |
| Birth Order                   | Total         | Live Births | < 16       | 16 – 17      | 18 – 19      | 20 – 24       | 25 – 29       | 30 – 34      | 35 – 39    | 40 – 44   | 45 +     | Not Stated |
| <b>Total</b>                  | <b>39,223</b> | <b>51</b>   | <b>349</b> | <b>1,393</b> | <b>8,120</b> | <b>13,253</b> | <b>11,058</b> | <b>4,234</b> | <b>718</b> | <b>43</b> | <b>4</b> |            |
| First Child                   | 13,699        | 51          | 321        | 1,123        | 4,149        | 4,818         | 2,447         | 657          | 120        | 11        | 2        |            |
| Second Child                  | 12,831        | 0           | 27         | 231          | 2,707        | 4,630         | 3,880         | 1,197        | 147        | 12        | 0        |            |
| Third Child                   | 7,240         | 0           | 0          | 29           | 964          | 2,415         | 2,642         | 1,046        | 137        | 5         | 2        |            |
| Fourth Child                  | 3,159         | 0           | 0          | 8            | 237          | 913           | 1,239         | 644          | 116        | 2         | 0        |            |
| Fifth Child or More           | 2,289         | 0           | 1          | 2            | 62           | 475           | 849           | 689          | 198        | 13        | 0        |            |
| Not Stated                    | 5             | 0           | 0          | 0            | 1            | 2             | 1             | 1            | 0          | 0         | 0        |            |
| <b>White</b>                  | <b>33,506</b> | <b>33</b>   | <b>240</b> | <b>1,069</b> | <b>6,657</b> | <b>11,577</b> | <b>9,696</b>  | <b>3,606</b> | <b>589</b> | <b>35</b> | <b>4</b> |            |
| First Child                   | 11,843        | 33          | 222        | 870          | 3,492        | 4,348         | 2,163         | 599          | 105        | 9         | 2        |            |
| Second Child                  | 11,163        | 0           | 17         | 170          | 2,203        | 4,143         | 3,467         | 1,043        | 112        | 8         | 0        |            |
| Third Child                   | 6,157         | 0           | 0          | 22           | 749          | 2,016         | 2,356         | 889          | 118        | 5         | 2        |            |
| Fourth Child                  | 2,595         | 0           | 0          | 5            | 167          | 726           | 1,059         | 540          | 96         | 2         | 0        |            |
| Fifth Child or More           | 1,743         | 0           | 1          | 2            | 45           | 342           | 650           | 534          | 158        | 11        | 0        |            |
| Not Stated                    | 5             | 0           | 0          | 0            | 1            | 2             | 1             | 1            | 0          | 0         | 0        |            |
| <b>African American</b>       | <b>2,681</b>  | <b>10</b>   | <b>60</b>  | <b>181</b>   | <b>822</b>   | <b>816</b>    | <b>498</b>    | <b>245</b>   | <b>47</b>  | <b>2</b>  | <b>0</b> |            |
| First Child                   | 823           | 10          | 55         | 141          | 349          | 179           | 71            | 13           | 5          | 0         | 0        |            |
| Second Child                  | 709           | 0           | 5          | 34           | 275          | 228           | 117           | 37           | 11         | 2         | 0        |            |
| Third Child                   | 526           | 0           | 0          | 4            | 136          | 203           | 123           | 54           | 6          | 0         | 0        |            |
| Fourth Child                  | 297           | 0           | 0          | 2            | 49           | 109           | 81            | 50           | 6          | 0         | 0        |            |
| Fifth Child or More           | 326           | 0           | 0          | 0            | 13           | 97            | 106           | 91           | 19         | 0         | 0        |            |
| Not Stated                    | 0             | 0           | 0          | 0            | 0            | 0             | 0             | 0            | 0          | 0         | 0        |            |
| <b>Asian/Pacific Islander</b> | <b>1,403</b>  | <b>4</b>    | <b>8</b>   | <b>24</b>    | <b>201</b>   | <b>431</b>    | <b>496</b>    | <b>201</b>   | <b>33</b>  | <b>5</b>  | <b>0</b> |            |
| First Child                   | 544           | 4           | 8          | 19           | 99           | 206           | 168           | 35           | 4          | 1         | 0        |            |
| Second Child                  | 523           | 0           | 0          | 5            | 72           | 128           | 217           | 83           | 16         | 2         | 0        |            |
| Third Child                   | 209           | 0           | 0          | 0            | 22           | 68            | 66            | 49           | 4          | 0         | 0        |            |
| Fourth Child                  | 67            | 0           | 0          | 0            | 7            | 19            | 25            | 14           | 2          | 0         | 0        |            |
| Fifth Child or More           | 60            | 0           | 0          | 0            | 1            | 10            | 20            | 20           | 7          | 2         | 0        |            |
| Not Stated                    | 0             | 0           | 0          | 0            | 0            | 0             | 0             | 0            | 0          | 0         | 0        |            |
| <b>Other</b>                  | <b>1,633</b>  | <b>4</b>    | <b>41</b>  | <b>119</b>   | <b>440</b>   | <b>429</b>    | <b>368</b>    | <b>182</b>   | <b>49</b>  | <b>1</b>  | <b>0</b> |            |
| First Child                   | 489           | 4           | 36         | 93           | 209          | 85            | 45            | 10           | 6          | 1         | 0        |            |
| Second Child                  | 436           | 0           | 5          | 22           | 157          | 131           | 79            | 34           | 8          | 0         | 0        |            |
| Third Child                   | 348           | 0           | 0          | 3            | 57           | 128           | 97            | 54           | 9          | 0         | 0        |            |
| Fourth Child                  | 200           | 0           | 0          | 1            | 14           | 59            | 74            | 40           | 12         | 0         | 0        |            |
| Fifth Child or More           | 160           | 0           | 0          | 0            | 3            | 26            | 73            | 44           | 14         | 0         | 0        |            |
| Not Stated                    | 0             | 0           | 0          | 0            | 0            | 0             | 0             | 0            | 0          | 0         | 0        |            |
| <b>Hispanic*</b>              | <b>3,402</b>  | <b>11</b>   | <b>82</b>  | <b>252</b>   | <b>984</b>   | <b>941</b>    | <b>702</b>    | <b>334</b>   | <b>95</b>  | <b>1</b>  | <b>0</b> |            |
| First Child                   | 1,032         | 11          | 74         | 197          | 428          | 200           | 86            | 25           | 10         | 1         | 0        |            |
| Second Child                  | 989           | 0           | 8          | 50           | 372          | 309           | 173           | 66           | 11         | 0         | 0        |            |
| Third Child                   | 713           | 0           | 0          | 4            | 139          | 259           | 186           | 105          | 20         | 0         | 0        |            |
| Fourth Child                  | 385           | 0           | 0          | 1            | 37           | 119           | 140           | 63           | 25         | 0         | 0        |            |
| Fifth Child or More           | 283           | 0           | 0          | 0            | 8            | 54            | 117           | 75           | 29         | 0         | 0        |            |
| Not Stated                    | 0             | 0           | 0          | 0            | 0            | 0             | 0             | 0            | 0          | 0         | 0        |            |
| <b>Plural Births</b>          |               |             |            |              |              |               |               |              |            |           |          |            |
| Twins (Individuals)           | 1,296         | 0           | 6          | 20           | 173          | 410           | 437           | 230          | 18         | 2         | 0        |            |
| Triplets (Individuals)        | 43            | 0           | 0          | 0            | 0            | 25            | 12            | 3            | 3          | 0         | 0        |            |
| Quadruplets (Individuals)     | 6             | 0           | 0          | 0            | 4            | 2             | 0             | 0            | 0          | 0         | 0        |            |

\* Those of Hispanic ethnicity may be of any race and are also included in the counts of live births by age and race of mother.

\*\* Plural births which are not live births not included.

**TABLE 8**  
**LIVE BIRTHS BY WEIGHT, BY RACE AND AGE OF MOTHER**  
**2016 RESIDENT DATA**

| Birth Weight in Grams         | Total         | Live Births | < 16       | 16 - 17      | 18 - 19      | 20 - 24       | 25 - 29       | 30 - 34      | 35 - 39    | 40 - 44   | 45 +     | Not Stated |
|-------------------------------|---------------|-------------|------------|--------------|--------------|---------------|---------------|--------------|------------|-----------|----------|------------|
| <b>Total</b>                  | <b>39,223</b> | <b>51</b>   | <b>349</b> | <b>1,393</b> | <b>8,120</b> | <b>13,253</b> | <b>11,058</b> | <b>4,234</b> | <b>718</b> | <b>43</b> | <b>4</b> |            |
| 0 to 499 Grams                | 69            | 0           | 1          | 3            | 14           | 24            | 17            | 10           | 0          | 0         | 0        | 0          |
| 500 to 999 Grams              | 162           | 0           | 2          | 9            | 42           | 47            | 36            | 21           | 5          | 0         | 0        | 0          |
| 1,000 to 1,499 Grams          | 242           | 1           | 2          | 11           | 46           | 69            | 74            | 30           | 7          | 2         | 0        | 0          |
| 1,500 to 1,999 Grams          | 503           | 0           | 6          | 25           | 94           | 161           | 149           | 58           | 9          | 1         | 0        | 0          |
| 2,000 to 2,499 Grams          | 1,676         | 3           | 26         | 98           | 386          | 522           | 417           | 187          | 33         | 3         | 1        | 1          |
| 2,500 to 2,999 Grams          | 5,941         | 8           | 59         | 260          | 1,440        | 1,940         | 1,496         | 614          | 116        | 7         | 1        | 1          |
| 3,000 to 3,499 Grams          | 14,351        | 23          | 162        | 536          | 3,169        | 4,891         | 3,863         | 1,440        | 253        | 13        | 1        | 1          |
| 3,500 to 3,999 Grams          | 12,066        | 12          | 75         | 377          | 2,261        | 4,176         | 3,628         | 1,324        | 199        | 13        | 1        | 1          |
| 4,000 to 4,499 Grams          | 3,640         | 4           | 13         | 64           | 583          | 1,245         | 1,183         | 463          | 81         | 4         | 0        | 0          |
| 4,500 Grams and Over          | 566           | 0           | 3          | 9            | 82           | 178           | 194           | 85           | 15         | 0         | 0        | 0          |
| Weight Not Stated             | 7             | 0           | 0          | 1            | 3            | 0             | 1             | 2            | 0          | 0         | 0        | 0          |
| <b>White</b>                  | <b>33,506</b> | <b>33</b>   | <b>240</b> | <b>1,069</b> | <b>6,657</b> | <b>11,577</b> | <b>9,696</b>  | <b>3,606</b> | <b>589</b> | <b>35</b> | <b>4</b> |            |
| 0 to 499 Grams                | 51            | 0           | 1          | 2            | 9            | 16            | 15            | 8            | 0          | 0         | 0        | 0          |
| 500 to 999 Grams              | 125           | 0           | 1          | 7            | 32           | 40            | 26            | 15           | 4          | 0         | 0        | 0          |
| 1,000 to 1,499 Grams          | 192           | 1           | 1          | 8            | 36           | 57            | 57            | 25           | 5          | 2         | 0        | 0          |
| 1,500 to 1,999 Grams          | 397           | 0           | 4          | 15           | 64           | 133           | 121           | 51           | 8          | 1         | 0        | 0          |
| 2,000 to 2,499 Grams          | 1,343         | 2           | 16         | 76           | 291          | 432           | 347           | 150          | 26         | 2         | 1        | 1          |
| 2,500 to 2,999 Grams          | 4,721         | 2           | 31         | 180          | 1,097        | 1,597         | 1,223         | 496          | 88         | 6         | 1        | 1          |
| 3,000 to 3,499 Grams          | 12,080        | 15          | 115        | 404          | 2,572        | 4,215         | 3,325         | 1,216        | 206        | 11        | 1        | 1          |
| 3,500 to 3,999 Grams          | 10,777        | 10          | 59         | 310          | 1,975        | 3,776         | 3,308         | 1,157        | 172        | 9         | 1        | 1          |
| 4,000 to 4,499 Grams          | 3,309         | 3           | 11         | 58           | 506          | 1,149         | 1,097         | 414          | 67         | 4         | 0        | 0          |
| 4,500 Grams and Over          | 504           | 0           | 1          | 8            | 72           | 162           | 176           | 72           | 13         | 0         | 0        | 0          |
| Weight Not Stated             | 7             | 0           | 0          | 1            | 3            | 0             | 1             | 2            | 0          | 0         | 0        | 0          |
| <b>African American</b>       | <b>2,681</b>  | <b>10</b>   | <b>60</b>  | <b>181</b>   | <b>822</b>   | <b>816</b>    | <b>498</b>    | <b>245</b>   | <b>47</b>  | <b>2</b>  | <b>0</b> |            |
| 0 to 499 Grams                | 6             | 0           | 0          | 0            | 2            | 3             | 1             | 0            | 0          | 0         | 0        | 0          |
| 500 to 999 Grams              | 24            | 0           | 1          | 1            | 9            | 4             | 5             | 4            | 0          | 0         | 0        | 0          |
| 1,000 to 1,499 Grams          | 23            | 0           | 0          | 1            | 4            | 8             | 8             | 1            | 1          | 0         | 0        | 0          |
| 1,500 to 1,999 Grams          | 70            | 0           | 1          | 7            | 21           | 22            | 15            | 3            | 1          | 0         | 0        | 0          |
| 2,000 to 2,499 Grams          | 192           | 0           | 7          | 13           | 56           | 52            | 33            | 27           | 4          | 0         | 0        | 0          |
| 2,500 to 2,999 Grams          | 630           | 3           | 16         | 48           | 219          | 168           | 110           | 53           | 13         | 0         | 0        | 0          |
| 3,000 to 3,499 Grams          | 1,043         | 5           | 25         | 74           | 334          | 325           | 189           | 76           | 14         | 1         | 0        | 0          |
| 3,500 to 3,999 Grams          | 529           | 1           | 8          | 34           | 136          | 175           | 105           | 58           | 11         | 1         | 0        | 0          |
| 4,000 to 4,499 Grams          | 143           | 1           | 2          | 3            | 37           | 51            | 27            | 19           | 3          | 0         | 0        | 0          |
| 4,500 Grams and Over          | 21            | 0           | 0          | 0            | 4            | 8             | 5             | 4            | 0          | 0         | 0        | 0          |
| Weight Not Stated             | 0             | 0           | 0          | 0            | 0            | 0             | 0             | 0            | 0          | 0         | 0        | 0          |
| <b>Asian/Pacific Islander</b> | <b>1,403</b>  | <b>4</b>    | <b>8</b>   | <b>24</b>    | <b>201</b>   | <b>431</b>    | <b>496</b>    | <b>201</b>   | <b>33</b>  | <b>5</b>  | <b>0</b> |            |
| 0 to 499 Grams                | 5             | 0           | 0          | 1            | 1            | 2             | 1             | 0            | 0          | 0         | 0        | 0          |
| 500 to 999 Grams              | 5             | 0           | 0          | 0            | 0            | 1             | 2             | 1            | 1          | 0         | 0        | 0          |
| 1,000 to 1,499 Grams          | 10            | 0           | 0          | 0            | 2            | 2             | 5             | 0            | 1          | 0         | 0        | 0          |
| 1,500 to 1,999 Grams          | 12            | 0           | 0          | 0            | 4            | 2             | 5             | 1            | 0          | 0         | 0        | 0          |
| 2,000 to 2,499 Grams          | 74            | 1           | 1          | 1            | 17           | 20            | 23            | 7            | 3          | 1         | 0        | 0          |
| 2,500 to 2,999 Grams          | 338           | 2           | 4          | 5            | 48           | 114           | 114           | 43           | 8          | 0         | 0        | 0          |
| 3,000 to 3,499 Grams          | 558           | 0           | 2          | 13           | 83           | 171           | 194           | 81           | 13         | 1         | 0        | 0          |
| 3,500 to 3,999 Grams          | 307           | 1           | 1          | 4            | 39           | 94            | 115           | 48           | 2          | 3         | 0        | 0          |
| 4,000 to 4,499 Grams          | 81            | 0           | 0          | 0            | 5            | 22            | 31            | 18           | 5          | 0         | 0        | 0          |
| 4,500 Grams and Over          | 13            | 0           | 0          | 0            | 2            | 3             | 6             | 2            | 0          | 0         | 0        | 0          |
| Weight Not Stated             | 0             | 0           | 0          | 0            | 0            | 0             | 0             | 0            | 0          | 0         | 0        | 0          |
| <b>Other</b>                  | <b>1,633</b>  | <b>4</b>    | <b>41</b>  | <b>119</b>   | <b>440</b>   | <b>429</b>    | <b>368</b>    | <b>182</b>   | <b>49</b>  | <b>1</b>  | <b>0</b> |            |
| 0 to 499 Grams                | 7             | 0           | 0          | 0            | 2            | 3             | 0             | 2            | 0          | 0         | 0        | 0          |
| 500 to 999 Grams              | 8             | 0           | 0          | 1            | 1            | 2             | 3             | 1            | 0          | 0         | 0        | 0          |
| 1,000 to 1,499 Grams          | 17            | 0           | 1          | 2            | 4            | 2             | 4             | 4            | 0          | 0         | 0        | 0          |
| 1,500 to 1,999 Grams          | 24            | 0           | 1          | 3            | 5            | 4             | 8             | 3            | 0          | 0         | 0        | 0          |
| 2,000 to 2,499 Grams          | 67            | 0           | 2          | 8            | 22           | 18            | 14            | 3            | 0          | 0         | 0        | 0          |
| 2,500 to 2,999 Grams          | 252           | 1           | 8          | 27           | 76           | 61            | 49            | 22           | 7          | 1         | 0        | 0          |
| 3,000 to 3,499 Grams          | 670           | 3           | 20         | 45           | 180          | 180           | 155           | 67           | 20         | 0         | 0        | 0          |
| 3,500 to 3,999 Grams          | 453           | 0           | 7          | 29           | 111          | 131           | 100           | 61           | 14         | 0         | 0        | 0          |
| 4,000 to 4,499 Grams          | 107           | 0           | 0          | 3            | 35           | 23            | 28            | 12           | 6          | 0         | 0        | 0          |
| 4,500 Grams and Over          | 28            | 0           | 2          | 1            | 4            | 5             | 7             | 7            | 2          | 0         | 0        | 0          |
| Weight Not Stated             | 0             | 0           | 0          | 0            | 0            | 0             | 0             | 0            | 0          | 0         | 0        | 0          |
| <b>Hispanic*</b>              | <b>3,402</b>  | <b>11</b>   | <b>82</b>  | <b>252</b>   | <b>984</b>   | <b>941</b>    | <b>702</b>    | <b>334</b>   | <b>95</b>  | <b>1</b>  | <b>0</b> |            |
| 0 to 499 Grams                | 9             | 0           | 0          | 0            | 3            | 3             | 0             | 3            | 0          | 0         | 0        | 0          |
| 500 to 999 Grams              | 12            | 0           | 0          | 1            | 3            | 2             | 4             | 1            | 1          | 0         | 0        | 0          |
| 1,000 to 1,499 Grams          | 24            | 1           | 1          | 2            | 8            | 3             | 4             | 5            | 0          | 0         | 0        | 0          |
| 1,500 to 1,999 Grams          | 46            | 0           | 2          | 6            | 13           | 7             | 11            | 6            | 1          | 0         | 0        | 0          |
| 2,000 to 2,499 Grams          | 136           | 0           | 5          | 11           | 44           | 36            | 30            | 8            | 2          | 0         | 0        | 0          |
| 2,500 to 2,999 Grams          | 581           | 3           | 18         | 50           | 187          | 166           | 93            | 48           | 15         | 1         | 0        | 0          |
| 3,000 to 3,499 Grams          | 1,373         | 3           | 42         | 113          | 403          | 376           | 279           | 116          | 41         | 0         | 0        | 0          |
| 3,500 to 3,999 Grams          | 959           | 3           | 11         | 61           | 258          | 277           | 210           | 114          | 25         | 0         | 0        | 0          |
| 4,000 to 4,499 Grams          | 223           | 1           | 2          | 7            | 56           | 61            | 61            | 27           | 8          | 0         | 0        | 0          |
| 4,500 Grams and Over          | 39            | 0           | 1          | 1            | 9            | 10            | 10            | 6            | 2          | 0         | 0        | 0          |
| Weight Not Stated             | 0             | 0           | 0          | 0            | 0            | 0             | 0             | 0            | 0          | 0         | 0        | 0          |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of live births by weight, by race and age of mother.

**TABLE 9**  
**LIVE BIRTHS, BY AGE AND RACE OF MOTHER**  
**2016 RESIDENT DATA**

| Age            | Total         | White         | African American | Asian/Pacific Islander | Other        | Hispanic*    |
|----------------|---------------|---------------|------------------|------------------------|--------------|--------------|
| <b>Total</b>   | <b>39,223</b> | <b>33,506</b> | <b>2,681</b>     | <b>1,403</b>           | <b>1,633</b> | <b>3,402</b> |
| < 15           | 10            | 5             | 4                | 1                      | 0            | 1            |
| 15             | 41            | 28            | 6                | 3                      | 4            | 10           |
| 16             | 92            | 59            | 23               | 1                      | 9            | 16           |
| 17             | 257           | 181           | 37               | 7                      | 32           | 66           |
| 18             | 516           | 374           | 79               | 10                     | 53           | 106          |
| 19             | 877           | 695           | 102              | 14                     | 66           | 146          |
| <b>15 – 19</b> | <b>1,783</b>  | <b>1,337</b>  | <b>247</b>       | <b>35</b>              | <b>164</b>   | <b>344</b>   |
| 20             | 1,149         | 914           | 132              | 24                     | 79           | 171          |
| 21             | 1,286         | 1,038         | 143              | 34                     | 71           | 152          |
| 22             | 1,580         | 1,302         | 156              | 39                     | 83           | 190          |
| 23             | 1,874         | 1,540         | 191              | 50                     | 93           | 215          |
| 24             | 2,231         | 1,863         | 200              | 54                     | 114          | 256          |
| <b>20 – 24</b> | <b>8,120</b>  | <b>6,657</b>  | <b>822</b>       | <b>201</b>             | <b>440</b>   | <b>984</b>   |
| 25             | 2,339         | 2,002         | 167              | 78                     | 92           | 184          |
| 26             | 2,624         | 2,269         | 184              | 75                     | 96           | 231          |
| 27             | 2,815         | 2,477         | 178              | 72                     | 88           | 192          |
| 28             | 2,742         | 2,410         | 149              | 104                    | 79           | 179          |
| 29             | 2,733         | 2,419         | 138              | 102                    | 74           | 155          |
| <b>25 – 29</b> | <b>13,253</b> | <b>11,577</b> | <b>816</b>       | <b>431</b>             | <b>429</b>   | <b>941</b>   |
| 30             | 2,670         | 2,352         | 129              | 111                    | 78           | 171          |
| 31             | 2,525         | 2,192         | 118              | 130                    | 85           | 156          |
| 32             | 2,196         | 1,942         | 93               | 87                     | 74           | 137          |
| 33             | 1,943         | 1,695         | 83               | 93                     | 72           | 123          |
| 34             | 1,724         | 1,515         | 75               | 75                     | 59           | 115          |
| <b>30 – 34</b> | <b>11,058</b> | <b>9,696</b>  | <b>498</b>       | <b>496</b>             | <b>368</b>   | <b>702</b>   |
| 35             | 1,328         | 1,164         | 61               | 53                     | 50           | 95           |
| 36             | 1,081         | 913           | 57               | 58                     | 53           | 91           |
| 37             | 823           | 689           | 65               | 37                     | 32           | 65           |
| 38             | 591           | 492           | 36               | 31                     | 32           | 54           |
| 39             | 411           | 348           | 26               | 22                     | 15           | 29           |
| <b>35 – 39</b> | <b>4,234</b>  | <b>3,606</b>  | <b>245</b>       | <b>201</b>             | <b>182</b>   | <b>334</b>   |
| 40             | 313           | 263           | 19               | 13                     | 18           | 37           |
| 41             | 191           | 149           | 14               | 10                     | 18           | 32           |
| 42             | 101           | 80            | 10               | 7                      | 4            | 11           |
| 43             | 67            | 60            | 3                | 1                      | 3            | 6            |
| 44             | 46            | 37            | 1                | 2                      | 6            | 9            |
| <b>40 – 44</b> | <b>718</b>    | <b>589</b>    | <b>47</b>        | <b>33</b>              | <b>49</b>    | <b>95</b>    |
| 45 +           | 43            | 35            | 2                | 5                      | 1            | 1            |
| <b>N.S.</b>    | <b>4</b>      | <b>4</b>      | <b>0</b>         | <b>0</b>               | <b>0</b>     | <b>0</b>     |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of live births by age and race of mother.

**TABLE 9 A**  
**IN-WEDLOCK AND OUT-OF-WEDLOCK LIVE BIRTHS, BY AGE AND RACE OF MOTHER**  
**2016 RESIDENT DATA**

| Age            | In-Wedlock Live Births |               |                  |                        |            |              | Out-of-Wedlock Live Births |               |                  |                        |            |              |
|----------------|------------------------|---------------|------------------|------------------------|------------|--------------|----------------------------|---------------|------------------|------------------------|------------|--------------|
|                | Total                  | White         | African American | Asian/Pacific Islander | Other      | Hispanic*    | Total                      | White         | African American | Asian/Pacific Islander | Other      | Hispanic*    |
|                |                        |               |                  |                        |            |              |                            |               |                  |                        |            |              |
| <b>Total</b>   | <b>25,540</b>          | <b>22,811</b> | <b>850</b>       | <b>1,126</b>           | <b>753</b> | <b>1,641</b> | <b>13,683</b>              | <b>10,695</b> | <b>1,831</b>     | <b>277</b>             | <b>880</b> | <b>1,761</b> |
| < 15           | 0                      | 0             | 0                | 0                      | 0          | 0            | 10                         | 5             | 4                | 1                      | 0          | 1            |
| 15             | 0                      | 0             | 0                | 0                      | 0          | 0            | 41                         | 28            | 6                | 3                      | 4          | 10           |
| 16             | 1                      | 1             | 0                | 0                      | 0          | 0            | 91                         | 58            | 23               | 1                      | 9          | 16           |
| 17             | 13                     | 8             | 1                | 0                      | 4          | 4            | 244                        | 173           | 36               | 7                      | 28         | 62           |
| 18             | 37                     | 25            | 3                | 1                      | 8          | 17           | 479                        | 349           | 76               | 9                      | 45         | 89           |
| 19             | 111                    | 96            | 2                | 3                      | 10         | 18           | 766                        | 599           | 100              | 11                     | 56         | 128          |
| <b>15 – 19</b> | <b>162</b>             | <b>130</b>    | <b>6</b>         | <b>4</b>               | <b>22</b>  | <b>39</b>    | <b>1,621</b>               | <b>1,207</b>  | <b>241</b>       | <b>31</b>              | <b>142</b> | <b>305</b>   |
| 20             | 210                    | 169           | 13               | 8                      | 20         | 47           | 939                        | 745           | 119              | 16                     | 59         | 124          |
| 21             | 307                    | 250           | 18               | 21                     | 18         | 39           | 979                        | 788           | 125              | 13                     | 53         | 113          |
| 22             | 509                    | 430           | 29               | 22                     | 28         | 59           | 1,071                      | 872           | 127              | 17                     | 55         | 131          |
| 23             | 746                    | 647           | 35               | 25                     | 39         | 73           | 1,128                      | 893           | 156              | 25                     | 54         | 142          |
| 24             | 1,146                  | 1,021         | 42               | 32                     | 51         | 124          | 1,085                      | 842           | 158              | 22                     | 63         | 132          |
| <b>20 – 24</b> | <b>2,918</b>           | <b>2,517</b>  | <b>137</b>       | <b>108</b>             | <b>156</b> | <b>342</b>   | <b>5,202</b>               | <b>4,140</b>  | <b>685</b>       | <b>93</b>              | <b>284</b> | <b>642</b>   |
| 25             | 1,347                  | 1,210         | 41               | 56                     | 40         | 82           | 992                        | 792           | 126              | 22                     | 52         | 102          |
| 26             | 1,744                  | 1,573         | 64               | 60                     | 47         | 127          | 880                        | 696           | 120              | 15                     | 49         | 104          |
| 27             | 2,011                  | 1,834         | 70               | 61                     | 46         | 111          | 804                        | 643           | 108              | 11                     | 42         | 81           |
| 28             | 2,085                  | 1,902         | 57               | 88                     | 38         | 94           | 657                        | 508           | 92               | 16                     | 41         | 85           |
| 29             | 2,171                  | 1,981         | 48               | 92                     | 50         | 103          | 562                        | 438           | 90               | 10                     | 24         | 52           |
| <b>25 – 29</b> | <b>9,358</b>           | <b>8,500</b>  | <b>280</b>       | <b>357</b>             | <b>221</b> | <b>517</b>   | <b>3,895</b>               | <b>3,077</b>  | <b>536</b>       | <b>74</b>              | <b>208</b> | <b>424</b>   |
| 30             | 2,150                  | 1,951         | 61               | 95                     | 43         | 109          | 520                        | 401           | 68               | 16                     | 35         | 62           |
| 31             | 2,055                  | 1,835         | 52               | 121                    | 47         | 95           | 470                        | 357           | 66               | 9                      | 38         | 61           |
| 32             | 1,792                  | 1,613         | 55               | 81                     | 43         | 85           | 404                        | 329           | 38               | 6                      | 31         | 52           |
| 33             | 1,619                  | 1,458         | 36               | 79                     | 46         | 86           | 324                        | 237           | 47               | 14                     | 26         | 37           |
| 34             | 1,448                  | 1,302         | 44               | 68                     | 34         | 73           | 276                        | 213           | 31               | 7                      | 25         | 42           |
| <b>30 – 34</b> | <b>9,064</b>           | <b>8,159</b>  | <b>248</b>       | <b>444</b>             | <b>213</b> | <b>448</b>   | <b>1,994</b>               | <b>1,537</b>  | <b>250</b>       | <b>52</b>              | <b>155</b> | <b>254</b>   |
| 35             | 1,096                  | 986           | 33               | 49                     | 28         | 61           | 232                        | 178           | 28               | 4                      | 22         | 34           |
| 36             | 903                    | 783           | 33               | 54                     | 33         | 68           | 178                        | 130           | 24               | 4                      | 20         | 23           |
| 37             | 662                    | 566           | 47               | 33                     | 16         | 39           | 161                        | 123           | 18               | 4                      | 16         | 26           |
| 38             | 464                    | 399           | 17               | 27                     | 21         | 39           | 127                        | 93            | 19               | 4                      | 11         | 15           |
| 39             | 321                    | 275           | 18               | 20                     | 8          | 19           | 90                         | 73            | 8                | 2                      | 7          | 10           |
| <b>35 – 39</b> | <b>3,446</b>           | <b>3,009</b>  | <b>148</b>       | <b>183</b>             | <b>106</b> | <b>226</b>   | <b>788</b>                 | <b>597</b>    | <b>97</b>        | <b>18</b>              | <b>76</b>  | <b>108</b>   |
| 40             | 239                    | 201           | 14               | 10                     | 14         | 29           | 74                         | 62            | 5                | 3                      | 4          | 8            |
| 41             | 146                    | 118           | 8                | 8                      | 12         | 22           | 45                         | 31            | 6                | 2                      | 6          | 10           |
| 42             | 83                     | 68            | 6                | 6                      | 3          | 9            | 18                         | 12            | 4                | 1                      | 1          | 2            |
| 43             | 51                     | 48            | 1                | 1                      | 1          | 3            | 16                         | 12            | 2                | 0                      | 2          | 3            |
| 44             | 34                     | 28            | 0                | 2                      | 4          | 5            | 12                         | 9             | 1                | 0                      | 2          | 4            |
| <b>40 – 44</b> | <b>553</b>             | <b>463</b>    | <b>29</b>        | <b>27</b>              | <b>34</b>  | <b>68</b>    | <b>165</b>                 | <b>126</b>    | <b>18</b>        | <b>6</b>               | <b>15</b>  | <b>27</b>    |
| <b>45 +</b>    | <b>37</b>              | <b>31</b>     | <b>2</b>         | <b>3</b>               | <b>1</b>   | <b>1</b>     | <b>6</b>                   | <b>4</b>      | <b>0</b>         | <b>2</b>               | <b>0</b>   | <b>0</b>     |
| <b>N.S.</b>    | <b>2</b>               | <b>2</b>      | <b>0</b>         | <b>0</b>               | <b>0</b>   | <b>0</b>     | <b>2</b>                   | <b>2</b>      | <b>0</b>         | <b>0</b>               | <b>0</b>   | <b>0</b>     |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of live births by age and race of mother.

**TABLE 10**  
**IN-WEDLOCK LIVE BIRTHS BY YEAR BY AGE OF MOTHER**  
**1950-2016 RESIDENT DATA**

| Year | Total  | < 15 | 15 - 19 | 20 - 24 | 25 - 29 | 30 - 34 | 35 - 39 | 40 - 44 | 45+ | Not Stated |
|------|--------|------|---------|---------|---------|---------|---------|---------|-----|------------|
| 2016 | 25,540 | 0    | 162     | 2,918   | 9,358   | 9,064   | 3,446   | 553     | 37  | 2          |
| 2015 | 25,561 | 0    | 127     | 2,605   | 8,982   | 9,329   | 3,831   | 606     | 74  | 7          |
| 2014 | 25,737 | 0    | 168     | 3,203   | 9,668   | 9,001   | 3,165   | 494     | 36  | 2          |
| 2013 | 25,577 | 0    | 198     | 3,382   | 9,678   | 8,761   | 2,989   | 532     | 37  | 0          |
| 2012 | 25,240 | 0    | 204     | 3,442   | 9,661   | 8,426   | 2,928   | 550     | 29  | 0          |
| 2011 | 25,288 | 0    | 269     | 3,524   | 9,927   | 8,300   | 2,709   | 531     | 26  | 2          |
| 2010 | 25,324 | 0    | 305     | 3,781   | 9,936   | 7,819   | 2,829   | 619     | 35  | 0          |
| 2009 | 25,701 | 0    | 323     | 4,065   | 10,056  | 7,729   | 2,928   | 554     | 44  | 2          |
| 2008 | 26,089 | 1    | 349     | 4,330   | 10,288  | 7,565   | 2,967   | 542     | 46  | 1          |
| 2007 | 26,817 | 0    | 366     | 4,654   | 10,401  | 7,540   | 3,277   | 543     | 35  | 1          |
| 2006 | 26,886 | 0    | 420     | 4,737   | 10,431  | 7,484   | 3,243   | 538     | 31  | 2          |
| 2005 | 26,518 | 0    | 432     | 4,893   | 9,953   | 7,384   | 3,239   | 581     | 33  | 3          |
| 2004 | 26,473 | 0    | 414     | 4,835   | 9,817   | 7,662   | 3,128   | 578     | 32  | 7          |
| 2003 | 26,755 | 0    | 441     | 5,036   | 9,794   | 7,880   | 3,038   | 537     | 25  | 4          |
| 2002 | 26,535 | 0    | 487     | 5,161   | 9,435   | 7,861   | 3,038   | 530     | 20  | 3          |
| 2001 | 26,786 | 2    | 550     | 5,352   | 9,390   | 7,803   | 3,160   | 503     | 26  | 0          |
| 2000 | 27,546 | 1    | 629     | 5,557   | 9,852   | 7,880   | 3,092   | 505     | 26  | 4          |
| 1999 | 27,221 | 1    | 715     | 5,559   | 9,801   | 7,464   | 3,142   | 507     | 28  | 4          |
| 1998 | 27,113 | 1    | 685     | 5,458   | 10,054  | 7,436   | 2,963   | 495     | 19  | 2          |
| 1997 | 27,048 | 1    | 760     | 5,327   | 10,022  | 7,491   | 3,006   | 417     | 21  | 3          |
| 1996 | 27,379 | 1    | 784     | 5,536   | 10,020  | 7,699   | 2,830   | 471     | 32  | 6          |
| 1995 | 27,532 | 3    | 775     | 5,802   | 10,033  | 7,675   | 2,805   | 417     | 20  | 2          |
| 1994 | 27,859 | 1    | 823     | 6,011   | 10,075  | 7,830   | 2,671   | 424     | 20  | 4          |
| 1993 | 28,509 | 1    | 836     | 6,395   | 10,490  | 7,845   | 2,568   | 359     | 15  | 0          |
| 1992 | 29,409 | 1    | 857     | 6,722   | 11,072  | 7,987   | 2,435   | 322     | 12  | 1          |
| 1991 | 30,281 | 1    | 1,044   | 7,257   | 11,557  | 7,680   | 2,425   | 304     | 12  | 1          |
| 1990 | 31,061 | 0    | 1,166   | 7,378   | 12,130  | 7,737   | 2,324   | 314     | 10  | 2          |
| 1989 | 31,364 | 0    | 1,231   | 7,820   | 12,428  | 7,394   | 2,226   | 252     | 12  | 1          |
| 1988 | 31,340 | 1    | 1,111   | 8,085   | 12,567  | 7,281   | 2,056   | 226     | 12  | 1          |
| 1987 | 31,724 | 3    | 1,267   | 8,733   | 12,688  | 6,890   | 1,896   | 232     | 15  | 0          |
| 1986 | 32,937 | 2    | 1,430   | 9,638   | 12,986  | 6,821   | 1,817   | 236     | 7   | 0          |
| 1985 | 35,597 | 0    | 1,744   | 10,989  | 13,791  | 7,103   | 1,728   | 233     | 5   | 4          |
| 1984 | 37,045 | 0    | 1,945   | 12,045  | 14,046  | 7,079   | 1,714   | 208     | 8   | 0          |
| 1983 | 38,079 | 3    | 2,190   | 12,925  | 14,340  | 6,776   | 1,595   | 239     | 11  | 0          |
| 1982 | 39,654 | 1    | 2,635   | 13,561  | 14,806  | 6,884   | 1,537   | 212     | 14  | 4          |
| 1981 | 40,980 | 2    | 3,077   | 14,716  | 15,060  | 6,541   | 1,330   | 240     | 11  | 3          |
| 1980 | 42,902 | 6    | 3,678   | 15,868  | 15,422  | 6,358   | 1,308   | 245     | 12  | 5          |
| 1979 | 42,366 | 1    | 3,810   | 15,562  | 15,191  | 6,194   | 1,368   | 227     | 10  | 3          |
| 1978 | 40,443 | 6    | 3,816   | 14,999  | 14,410  | 5,647   | 1,305   | 243     | 17  | 0          |
| 1977 | 40,948 | 6    | 4,240   | 15,379  | 14,572  | 5,151   | 1,328   | 267     | 5   | 0          |
| 1976 | 38,133 | 7    | 4,304   | 14,422  | 13,435  | 4,432   | 1,222   | 293     | 18  | 0          |
| 1975 | 38,017 | 6    | 4,758   | 14,770  | 12,565  | 4,285   | 1,315   | 303     | 14  | 1          |
| 1974 | 37,220 | 15   | 4,701   | 14,614  | 11,984  | 4,230   | 1,323   | 328     | 22  | 3          |
| 1973 | 35,774 | 11   | 4,743   | 13,898  | 10,954  | 4,216   | 1,516   | 397     | 34  | 5          |
| 1972 | 37,714 | 10   | 5,009   | 14,748  | 11,157  | 4,457   | 1,765   | 547     | 18  | 3          |
| 1971 | 41,898 | 7    | 5,343   | 17,338  | 11,687  | 4,886   | 2,032   | 560     | 42  | 3          |
| 1970 | 44,911 | 12   | 5,627   | 18,209  | 12,696  | 5,349   | 2,294   | 682     | 41  | 1          |
| 1969 | 44,136 | 8    | 5,431   | 17,544  | 12,485  | 5,442   | 2,463   | 715     | 47  | 1          |
| 1968 | 43,777 | 9    | 5,338   | 17,223  | 12,053  | 5,534   | 2,734   | 833     | 49  | 4          |
| 1967 | 44,684 | 8    | 5,405   | 17,451  | 11,861  | 5,948   | 3,005   | 951     | 51  | 4          |
| 1966 | 46,218 | 13   | 6,073   | 17,366  | 11,969  | 6,318   | 3,308   | 1,084   | 73  | 14         |
| 1965 | 48,746 | 8    | 5,761   | 17,896  | 12,850  | 7,134   | 3,842   | 1,168   | 77  | 10         |
| 1964 | 53,442 | 9    | 5,974   | 19,853  | 14,126  | 7,863   | 4,196   | 1,314   | 78  | 29         |
| 1963 | 56,063 | 13   | 6,161   | 21,016  | 14,720  | 8,379   | 4,336   | 1,321   | 92  | 25         |
| 1962 | 59,366 | 10   | 6,829   | 21,736  | 15,705  | 8,934   | 4,631   | 1,413   | 85  | 23         |
| 1961 | 61,736 | 14   | 7,301   | 22,323  | 16,074  | 9,461   | 4,957   | 1,491   | 90  | 25         |
| 1960 | 62,574 | 16   | 7,335   | 22,376  | 16,545  | 9,604   | 5,164   | 1,407   | 86  | 41         |
| 1959 | 63,020 | 19   | 6,952   | 22,319  | 16,791  | 10,029  | 5,271   | 1,519   | 76  | 44         |
| 1958 | 60,868 | 15   | 6,383   | 21,212  | 16,590  | 9,984   | 5,178   | 1,388   | 76  | 42         |
| 1957 | 62,315 | 16   | 6,350   | 21,186  | 17,209  | 10,382  | 5,452   | 1,593   | 85  | 42         |
| 1956 | 62,052 | 19   | 6,149   | 21,026  | 17,158  | 10,691  | 5,480   | 1,391   | 99  | 39         |
| 1955 | 62,416 | 5    | 5,824   | 20,762  | 17,627  | 11,092  | 5,535   | 1,455   | 89  | 27         |
| 1954 | 61,971 | 7    | 5,585   | 20,639  | 17,654  | 11,045  | 5,422   | 1,481   | 85  | 53         |
| 1953 | 61,478 | ---  | 5,519   | 20,024  | 17,910  | 10,967  | 6,998   | ---     | --- | 60         |
| 1952 | 63,084 | ---  | 5,678   | 20,818  | 18,438  | 11,469  | 5,088   | 1,531   | --- | 62         |
| 1951 | 65,061 | 5    | 6,231   | 22,033  | 19,007  | 10,885  | 5,252   | 1,483   | 97  | 68         |
| 1950 | 61,485 | 3    | 5,863   | 20,808  | 17,972  | 10,303  | 4,974   | 1,405   | 92  | 65         |

**TABLE 11**  
**OUT-OF-WEDLOCK LIVE BIRTHS BY YEAR BY AGE OF MOTHER**  
**1950-2016 RESIDENT DATA**

| Year | Total  | < 15 | 15 – 19 | 20 – 24 | 25 – 29 | 30 – 34 | 35 – 39 | 40 – 44 | 45+ | Not Stated |
|------|--------|------|---------|---------|---------|---------|---------|---------|-----|------------|
| 2016 | 13,683 | 10   | 1,621   | 5,202   | 3,895   | 1,994   | 788     | 165     | 6   | 2          |
| 2015 | 13,906 | 8    | 1,497   | 5,391   | 3,997   | 2,006   | 835     | 158     | 13  | 1          |
| 2014 | 13,948 | 21   | 1,880   | 5,642   | 3,630   | 1,884   | 742     | 145     | 4   | 0          |
| 2013 | 13,436 | 12   | 2,088   | 5,559   | 3,394   | 1,641   | 613     | 123     | 5   | 1          |
| 2012 | 13,446 | 34   | 2,294   | 5,626   | 3,279   | 1,453   | 596     | 151     | 12  | 1          |
| 2011 | 12,916 | 23   | 2,414   | 5,417   | 2,987   | 1,391   | 555     | 126     | 3   | 0          |
| 2010 | 13,190 | 34   | 2,718   | 5,516   | 2,915   | 1,384   | 502     | 112     | 8   | 1          |
| 2009 | 13,961 | 30   | 3,095   | 5,687   | 3,122   | 1,353   | 537     | 129     | 8   | 0          |
| 2008 | 14,132 | 37   | 3,242   | 5,789   | 3,102   | 1,280   | 528     | 145     | 9   | 0          |
| 2007 | 14,018 | 41   | 3,158   | 5,879   | 3,116   | 1,220   | 481     | 116     | 6   | 1          |
| 2006 | 13,706 | 30   | 3,074   | 5,930   | 2,934   | 1,112   | 500     | 118     | 7   | 1          |
| 2005 | 12,757 | 31   | 2,895   | 5,464   | 2,734   | 1,070   | 458     | 100     | 5   | 0          |
| 2004 | 11,895 | 25   | 2,821   | 5,113   | 2,430   | 995     | 418     | 88      | 5   | 0          |
| 2003 | 11,384 | 36   | 2,849   | 5,021   | 2,076   | 937     | 366     | 94      | 5   | 0          |
| 2002 | 11,020 | 29   | 2,904   | 4,663   | 2,043   | 896     | 391     | 92      | 2   | 0          |
| 2001 | 10,824 | 32   | 3,024   | 4,573   | 1,902   | 860     | 342     | 86      | 3   | 2          |
| 2000 | 10,704 | 47   | 3,154   | 4,436   | 1,765   | 706     | 386     | 67      | 2   | 1          |
| 1999 | 10,328 | 43   | 3,232   | 4,126   | 1,765   | 706     | 386     | 67      | 2   | 1          |
| 1998 | 10,149 | 42   | 3,212   | 4,008   | 1,698   | 781     | 327     | 76      | 2   | 1          |
| 1997 | 9,593  | 39   | 3,122   | 3,708   | 1,631   | 692     | 340     | 56      | 4   | 1          |
| 1996 | 9,751  | 51   | 3,260   | 3,692   | 1,594   | 756     | 322     | 68      | 2   | 6          |
| 1995 | 9,258  | 40   | 3,246   | 3,483   | 1,453   | 695     | 273     | 65      | 1   | 2          |
| 1994 | 9,198  | 55   | 3,162   | 3,427   | 1,477   | 762     | 271     | 41      | 2   | 1          |
| 1993 | 9,296  | 62   | 3,167   | 3,511   | 1,464   | 755     | 283     | 53      | 1   | 0          |
| 1992 | 9,050  | 63   | 3,014   | 3,619   | 1,372   | 688     | 252     | 40      | 2   | 0          |
| 1991 | 8,644  | 42   | 2,994   | 3,228   | 1,460   | 686     | 203     | 28      | 3   | 0          |
| 1990 | 8,269  | 30   | 2,817   | 3,129   | 1,451   | 622     | 188     | 31      | 1   | 0          |
| 1989 | 7,552  | 31   | 2,755   | 2,777   | 1,270   | 526     | 168     | 23      | 2   | 0          |
| 1988 | 6,730  | 45   | 2,383   | 2,485   | 1,186   | 441     | 164     | 25      | 0   | 1          |
| 1987 | 6,142  | 44   | 2,193   | 2,285   | 1,066   | 399     | 125     | 27      | 2   | 1          |
| 1986 | 5,811  | 34   | 2,101   | 2,224   | 962     | 374     | 101     | 15      | 0   | 0          |
| 1985 | 5,585  | 54   | 2,037   | 2,180   | 908     | 266     | 114     | 20      | 3   | 3          |
| 1984 | 5,315  | 34   | 2,014   | 2,035   | 843     | 294     | 78      | 15      | 0   | 2          |
| 1983 | 5,168  | 27   | 2,064   | 1,943   | 754     | 278     | 85      | 16      | 1   | 0          |
| 1982 | 5,062  | 44   | 2,087   | 1,937   | 654     | 245     | 75      | 16      | 0   | 4          |
| 1981 | 4,938  | 39   | 2,221   | 1,711   | 702     | 194     | 59      | 9       | 1   | 2          |
| 1980 | 4,895  | 47   | 2,227   | 1,719   | 609     | 220     | 49      | 17      | 2   | 5          |
| 1979 | 4,397  | 45   | 2,042   | 1,514   | 529     | 191     | 59      | 16      | 0   | 1          |
| 1978 | 4,116  | 53   | 2,044   | 1,321   | 466     | 162     | 63      | 7       | 0   | 0          |
| 1977 | 3,950  | 56   | 1,996   | 1,291   | 407     | 143     | 42      | 14      | 0   | 1          |
| 1976 | 3,437  | 48   | 1,849   | 983     | 368     | 131     | 40      | 15      | 2   | 1          |
| 1975 | 3,343  | 56   | 1,787   | 981     | 334     | 128     | 43      | 13      | 0   | 1          |
| 1974 | 2,959  | 56   | 1,613   | 842     | 296     | 92      | 48      | 12      | 0   | 0          |
| 1973 | 3,124  | 53   | 1,644   | 945     | 288     | 125     | 49      | 18      | 2   | 0          |
| 1972 | 3,146  | 60   | 1,657   | 978     | 283     | 110     | 38      | 17      | 2   | 1          |
| 1971 | 3,273  | 34   | 1,646   | 1,103   | 277     | 142     | 48      | 21      | 1   | 1          |
| 1970 | 3,495  | 47   | 1,724   | 1,220   | 292     | 129     | 62      | 21      | 0   | 0          |
| 1969 | 3,065  | 29   | 1,403   | 1,149   | 307     | 98      | 56      | 19      | 4   | 0          |
| 1968 | 2,960  | 35   | 1,354   | 1,089   | 256     | 119     | 72      | 34      | 0   | 1          |
| 1967 | 2,533  | 32   | 1,184   | 872     | 252     | 107     | 66      | 19      | 1   | 0          |
| 1966 | 2,423  | 25   | 1,151   | 796     | 231     | 126     | 71      | 20      | 1   | 2          |
| 1965 | 2,224  | 28   | 912     | 743     | 301     | 131     | 75      | 29      | 4   | 1          |
| 1964 | 2,001  | 22   | 789     | 704     | 261     | 109     | 79      | 27      | 1   | 9          |
| 1963 | 1,777  | 34   | 689     | 634     | 215     | 118     | 71      | 12      | 3   | 1          |
| 1962 | 1,637  | 23   | 642     | 579     | 188     | 119     | 67      | 16      | 2   | 1          |
| 1961 | 1,672  | 20   | 670     | 579     | 210     | 112     | 53      | 26      | 1   | 1          |
| 1960 | 1,476  | 25   | 626     | 492     | 168     | 93      | 49      | 17      | 3   | 3          |
| 1959 | 1,453  | 24   | 612     | 487     | 177     | 89      | 52      | 8       | 2   | 2          |
| 1958 | 1,305  | 22   | 556     | 396     | 163     | 95      | 47      | 21      | 2   | 3          |
| 1957 | 1,182  | 18   | 506     | 357     | 143     | 81      | 51      | 25      | 1   | 0          |
| 1956 | 1,161  | 22   | 471     | 370     | 159     | 69      | 48      | 21      | 0   | 1          |
| 1955 | 1,208  | 22   | 512     | 368     | 161     | 81      | 49      | 14      | 1   | 0          |
| 1954 | 1,098  | 20   | 441     | 356     | 142     | 82      | 41      | 15      | 0   | 1          |
| 1953 | 1,043  | ---  | 423     | 349     | 143     | 72      | 55      | 0       | 0   | 1          |
| 1952 | 1,007  | 17   | 394     | 333     | 148     | 67      | 39      | 7       | 0   | 2          |
| 1951 | 1,062  | 11   | 450     | 344     | 136     | 67      | 43      | 11      | 0   | 0          |
| 1950 | 1,065  | 12   | 457     | 360     | 136     | 57      | 35      | 8       | 0   | 0          |

**TABLE 12**  
**IMMATURE LIVE BIRTHS, AS PERCENTS OF TOTAL LIVE BIRTHS,  
 WITHIN EACH AGE GROUP OF MOTHER, BY YEAR 2011-2016 RESIDENT DATA**

| Age Group    | 2016              |         |                      |         | 2015              |         |                      |         | 2014              |         |                      |         |
|--------------|-------------------|---------|----------------------|---------|-------------------|---------|----------------------|---------|-------------------|---------|----------------------|---------|
|              | Total Live Births |         | Immature Live Births |         | Total Live Births |         | Immature Live Births |         | Total Live Births |         | Immature Live Births |         |
|              | Number            | Percent | Number               | Percent | Number            | Percent | Number               | Percent | Number            | Percent | Number               | Percent |
| <b>Total</b> | 39,223            | 100.0   | 2,652                | 6.8     | 39,467            | 100.0   | 2,667                | 6.8     | 39,685            | 100.0   | 2,683                | 6.8     |
| < 16         | 51                | 100.0   | 4                    | 7.8     | 49                | 100.0   | 0                    | 0.0     | 86                | 100.0   | 9                    | 10.5    |
| 16 – 17      | 349               | 100.0   | 37                   | 10.6    | 345               | 100.0   | 36                   | 10.4    | 447               | 100.0   | 29                   | 6.5     |
| 18 – 19      | 1,393             | 100.0   | 146                  | 10.5    | 1,238             | 100.0   | 120                  | 9.7     | 1,536             | 100.0   | 127                  | 8.3     |
| 20 – 24      | 8,120             | 100.0   | 582                  | 7.2     | 7,996             | 100.0   | 593                  | 7.4     | 8,845             | 100.0   | 614                  | 6.9     |
| 25 – 29      | 13,253            | 100.0   | 823                  | 6.2     | 12,979            | 100.0   | 806                  | 6.2     | 13,298            | 100.0   | 840                  | 6.3     |
| 30 – 34      | 11,058            | 100.0   | 693                  | 6.3     | 11,335            | 100.0   | 674                  | 5.9     | 10,885            | 100.0   | 682                  | 6.3     |
| 35 – 39      | 4,234             | 100.0   | 306                  | 7.2     | 4,666             | 100.0   | 339                  | 7.3     | 3,907             | 100.0   | 298                  | 7.6     |
| 40 – 44      | 718               | 100.0   | 54                   | 7.5     | 764               | 100.0   | 86                   | 11.3    | 639               | 100.0   | 78                   | 12.2    |
| 45 +         | 43                | 100.0   | 6                    | 14.0    | 87                | 100.0   | 12                   | 13.8    | 40                | 100.0   | 6                    | 15.0    |
| N.S.         | 4                 | 100.0   | 1                    | 25.0    | 8                 | 100.0   | 1                    | 12.5    | 2                 | 100.0   | 0                    | 0.0     |

| Age Group    | 2013              |         |                      |         | 2012              |         |                      |         | 2011              |         |                      |         |
|--------------|-------------------|---------|----------------------|---------|-------------------|---------|----------------------|---------|-------------------|---------|----------------------|---------|
|              | Total Live Births |         | Immature Live Births |         | Total Live Births |         | Immature Live Births |         | Total Live Births |         | Immature Live Births |         |
|              | Number            | Percent | Number               | Percent | Number            | Percent | Number               | Percent | Number            | Percent | Number               | Percent |
| <b>Total</b> | 39,013            | 100.0   | 2,561                | 6.6     | 38,686            | 100.0   | 2,578                | 6.7     | 38,204            | 100.0   | 2,499                | 6.5     |
| < 16         | 73                | 100.0   | 11                   | 15.1    | 110               | 100.0   | 9                    | 8.2     | 86                | 100.0   | 12                   | 14.0    |
| 16 – 17      | 520               | 100.0   | 51                   | 9.8     | 559               | 100.0   | 47                   | 8.4     | 644               | 100.0   | 69                   | 10.7    |
| 18 – 19      | 1,705             | 100.0   | 149                  | 8.7     | 1,863             | 100.0   | 144                  | 7.7     | 1,976             | 100.0   | 152                  | 7.7     |
| 20 – 24      | 8,941             | 100.0   | 574                  | 6.4     | 9,068             | 100.0   | 636                  | 7.0     | 8,941             | 100.0   | 574                  | 6.4     |
| 25 – 29      | 13,072            | 100.0   | 792                  | 6.1     | 12,940            | 100.0   | 813                  | 6.3     | 12,914            | 100.0   | 779                  | 6.0     |
| 30 – 34      | 10,402            | 100.0   | 635                  | 6.1     | 9,879             | 100.0   | 611                  | 6.2     | 9,691             | 100.0   | 603                  | 6.2     |
| 35 – 39      | 3,602             | 100.0   | 292                  | 8.1     | 3,524             | 100.0   | 246                  | 7.0     | 3,264             | 100.0   | 250                  | 7.7     |
| 40 – 44      | 655               | 100.0   | 52                   | 7.9     | 701               | 100.0   | 67                   | 9.6     | 657               | 100.0   | 59                   | 9.0     |
| 45 +         | 42                | 100.0   | 5                    | 11.9    | 41                | 100.0   | 5                    | 12.2    | 29                | 100.0   | 1                    | 3.4     |
| N.S.         | 1                 | 100.0   | 0                    | 0.0     | 1                 | 100.0   | 0                    | 0.0     | 2                 | 100.0   | 0                    | 0.0     |

Immature Live Birth: Less than 2500 grams (5 lbs. 9 oz.)

**TABLE 13**  
**SELECTED CARDIOVASCULAR DISEASE DEATHS AS PERCENTS OF TOTAL DEATHS, BY YEAR**  
**2005-2016 RESIDENT DATA**

| Year | Major Cardiovascular Diseases |         | Diseases of Heart |         | Hypertension |         | Cerebrovascular |         | Atherosclerosis Diseases |         | Other Diseases of Circulatory System |         |
|------|-------------------------------|---------|-------------------|---------|--------------|---------|-----------------|---------|--------------------------|---------|--------------------------------------|---------|
|      | Number                        | Percent | Number            | Percent | Number       | Percent | Number          | Percent | Number                   | Percent | Number                               | Percent |
| 2016 | 8,881                         | 30.1    | 6,862             | 23.3    | 367          | 1.2     | 1,379           | 4.7     | 71                       | 0.2     | 202                                  | 0.7     |
| 2015 | 8,561                         | 30.0    | 6,559             | 23.0    | 381          | 1.3     | 1,355           | 4.7     | 58                       | 0.2     | 208                                  | 0.7     |
| 2014 | 8,583                         | 29.5    | 6,509             | 22.4    | 336          | 1.2     | 1,408           | 4.8     | 121                      | 0.4     | 209                                  | 0.7     |
| 2013 | 8,990                         | 31.2    | 6,917             | 24.0    | 301          | 1.0     | 1,391           | 4.8     | 112                      | 0.4     | 248                                  | 0.9     |
| 2012 | 9,031                         | 31.9    | 6,966             | 24.6    | 289          | 1.0     | 1,411           | 5.0     | 135                      | 0.5     | 230                                  | 0.8     |
| 2011 | 8,846                         | 31.5    | 6,726             | 23.9    | 319          | 1.1     | 1,431           | 5.1     | 146                      | 0.5     | 224                                  | 0.8     |
| 2010 | 9,116                         | 32.9    | 6,859             | 24.8    | 257          | 0.9     | 1,531           | 5.5     | 154                      | 0.6     | 254                                  | 0.9     |
| 2009 | 9,232                         | 33.6    | 6,912             | 25.2    | 290          | 1.1     | 1,626           | 5.9     | 164                      | 0.6     | 240                                  | 0.9     |
| 2008 | 9,623                         | 33.9    | 7,268             | 25.6    | 267          | 0.9     | 1,685           | 5.9     | 181                      | 0.6     | 222                                  | 0.8     |
| 2007 | 9,200                         | 34.0    | 6,843             | 25.3    | 253          | 0.9     | 1,680           | 6.2     | 176                      | 0.7     | 248                                  | 0.9     |
| 2006 | 9,574                         | 35.1    | 7,138             | 26.2    | 266          | 1.0     | 1,713           | 6.3     | 185                      | 0.7     | 285                                  | 1.0     |
| 2005 | 10,199                        | 36.7    | 7,425             | 26.7    | 278          | 1.0     | 1,899           | 6.8     | 264                      | 1.0     | 337                                  | 1.2     |

Major cardiovascular diseases is the total of: diseases of heart; hypertension; cerebrovascular diseases; atherosclerosis; and other diseases of circulatory system

**TABLE 14**  
**SELECTED CAUSES OF DEATH BY YEAR**  
**2005-2016 RESIDENT DATA**

| Year | Heart Disease |       | Cancer |       | Cerebrovascular Disease |      | Unintentional Injuries |      | Influenza and Pneumonia |      | Chronic Lower Respiratory Diseases |      |
|------|---------------|-------|--------|-------|-------------------------|------|------------------------|------|-------------------------|------|------------------------------------|------|
|      | Number        | Rate  | Number | Rate  | Number                  | Rate | Number                 | Rate | Number                  | Rate | Number                             | Rate |
| 2016 | 6,862         | 218.9 | 6,377  | 203.4 | 1,379                   | 44.0 | 1,565                  | 49.9 | 497                     | 15.9 | 1,986                              | 63.4 |
| 2015 | 6,559         | 210.0 | 6,305  | 201.8 | 1,355                   | 43.4 | 1,445                  | 46.3 | 592                     | 19.0 | 1,970                              | 63.1 |
| 2014 | 6,509         | 209.5 | 6,447  | 207.5 | 1,408                   | 45.3 | 1,487                  | 47.9 | 575                     | 19.8 | 1,897                              | 61.1 |
| 2013 | 6,917         | 223.8 | 6,446  | 208.6 | 1,391                   | 45.0 | 1,387                  | 44.9 | 755                     | 24.4 | 1,883                              | 60.9 |
| 2012 | 6,966         | 226.6 | 6,415  | 208.7 | 1,411                   | 45.9 | 1,362                  | 44.3 | 656                     | 21.3 | 1,817                              | 59.1 |
| 2011 | 6,726         | 219.6 | 6,440  | 210.3 | 1,431                   | 46.7 | 1,340                  | 43.8 | 657                     | 21.5 | 1,831                              | 59.8 |
| 2010 | 6,859         | 224.9 | 6,346  | 208.1 | 1,531                   | 50.2 | 1,258                  | 41.2 | 557                     | 18.3 | 1,694                              | 55.5 |
| 2009 | 6,912         | 229.8 | 6,217  | 206.7 | 1,626                   | 54.1 | 1,260                  | 41.9 | 633                     | 23.1 | 1,825                              | 60.7 |
| 2008 | 7,268         | 242.1 | 6,386  | 212.7 | 1,685                   | 56.1 | 1,247                  | 41.5 | 825                     | 27.5 | 1,829                              | 60.9 |
| 2007 | 6,843         | 229.0 | 6,358  | 212.8 | 1,680                   | 56.2 | 1,238                  | 41.4 | 748                     | 25.0 | 1,657                              | 55.5 |
| 2006 | 7,138         | 239.4 | 6,344  | 212.7 | 1,713                   | 57.4 | 1,185                  | 39.7 | 765                     | 25.7 | 1,652                              | 55.4 |
| 2005 | 7,425         | 250.3 | 6,444  | 217.2 | 1,899                   | 64.0 | 1,199                  | 40.4 | 893                     | 30.1 | 1,702                              | 57.4 |

Rates per 100,000 population.

**TABLE 15**  
**DEATHS BY RACE AND AGE**  
**2016 RESIDENT DATA**

| Age          | Total         |               |                  |                        |            |            |
|--------------|---------------|---------------|------------------|------------------------|------------|------------|
|              | Total         | White         | African American | Asian/Pacific Islander | Other      | Hispanic*  |
| <b>Total</b> | <b>29,512</b> | <b>28,549</b> | <b>626</b>       | <b>164</b>             | <b>173</b> | <b>316</b> |
| < 1          | 240           | 184           | 38               | 9                      | 9          | 27         |
| 1 - 4        | 47            | 35            | 8                | 3                      | 1          | 2          |
| 5 - 9        | 17            | 13            | 0                | 1                      | 3          | 3          |
| 10 - 14      | 40            | 31            | 6                | 1                      | 2          | 3          |
| 15 - 19      | 88            | 77            | 9                | 1                      | 1          | 8          |
| 20 - 24      | 180           | 154           | 16               | 6                      | 4          | 12         |
| 25 - 29      | 194           | 171           | 15               | 2                      | 6          | 7          |
| 30 - 34      | 214           | 188           | 11               | 7                      | 8          | 13         |
| 35 - 39      | 286           | 254           | 24               | 2                      | 6          | 17         |
| 40 - 44      | 342           | 302           | 27               | 8                      | 5          | 8          |
| 45 - 49      | 533           | 484           | 35               | 9                      | 5          | 15         |
| 50 - 54      | 925           | 868           | 34               | 8                      | 15         | 18         |
| 55 - 59      | 1,482         | 1,392         | 62               | 12                     | 16         | 16         |
| 60 - 64      | 1,917         | 1,842         | 50               | 8                      | 17         | 27         |
| 65 - 69      | 2,332         | 2,228         | 70               | 16                     | 18         | 26         |
| 70 - 74      | 2,568         | 2,487         | 52               | 15                     | 14         | 26         |
| 75 - 79      | 3,001         | 2,931         | 44               | 10                     | 16         | 22         |
| 80 - 84      | 3,928         | 3,858         | 42               | 20                     | 8          | 16         |
| 85 - 89      | 4,742         | 4,671         | 43               | 17                     | 11         | 23         |
| 90 - 94      | 4,099         | 4,061         | 26               | 5                      | 7          | 18         |
| 95 - 99      | 1,902         | 1,887         | 13               | 1                      | 1          | 9          |
| 100 +        | 435           | 431           | 1                | 3                      | 0          | 0          |
| N.S.         | 0             | 0             | 0                | 0                      | 0          | 0          |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race and age.

**TABLE 15 A**  
**DEATHS BY RACE AND AGE, BY GENDER**  
**2016 RESIDENT DATA**

| Age          | Male          |               |                  |                        |            |            | Female        |               |                  |                        |           |            |
|--------------|---------------|---------------|------------------|------------------------|------------|------------|---------------|---------------|------------------|------------------------|-----------|------------|
|              | Total         | White         | African American | Asian/Pacific Islander | Other      | Hispanic*  | Total         | White         | African American | Asian/Pacific Islander | Other     | Hispanic*  |
|              |               |               |                  |                        |            |            | Total         | White         | African American | Asian/Pacific Islander | Other     | Hispanic*  |
| <b>Total</b> | <b>14,648</b> | <b>14,086</b> | <b>367</b>       | <b>91</b>              | <b>104</b> | <b>195</b> | <b>14,864</b> | <b>14,463</b> | <b>259</b>       | <b>73</b>              | <b>69</b> | <b>121</b> |
| < 1          | 122           | 97            | 15               | 4                      | 6          | 14         | 118           | 87            | 23               | 5                      | 3         | 13         |
| 1 - 4        | 31            | 22            | 5                | 3                      | 1          | 1          | 16            | 13            | 3                | 0                      | 0         | 1          |
| 5 - 9        | 12            | 9             | 0                | 1                      | 2          | 3          | 5             | 4             | 0                | 0                      | 1         | 0          |
| 10 - 14      | 25            | 20            | 4                | 0                      | 1          | 1          | 15            | 11            | 2                | 1                      | 1         | 2          |
| 15 - 19      | 63            | 55            | 7                | 0                      | 1          | 5          | 25            | 22            | 2                | 1                      | 0         | 3          |
| 20 - 24      | 135           | 117           | 12               | 4                      | 2          | 8          | 45            | 37            | 4                | 2                      | 2         | 4          |
| 25 - 29      | 140           | 122           | 12               | 2                      | 4          | 4          | 54            | 49            | 3                | 0                      | 2         | 3          |
| 30 - 34      | 140           | 123           | 7                | 5                      | 5          | 10         | 74            | 65            | 4                | 2                      | 3         | 3          |
| 35 - 39      | 192           | 171           | 15               | 2                      | 4          | 13         | 94            | 83            | 9                | 0                      | 2         | 4          |
| 40 - 44      | 207           | 180           | 18               | 4                      | 5          | 8          | 135           | 122           | 9                | 4                      | 0         | 0          |
| 45 - 49      | 333           | 304           | 24               | 4                      | 1          | 13         | 200           | 180           | 11               | 5                      | 4         | 2          |
| 50 - 54      | 560           | 524           | 22               | 5                      | 9          | 9          | 365           | 344           | 12               | 3                      | 6         | 9          |
| 55 - 59      | 937           | 882           | 38               | 7                      | 10         | 10         | 545           | 510           | 24               | 5                      | 6         | 6          |
| 60 - 64      | 1,162         | 1,116         | 33               | 4                      | 9          | 15         | 755           | 726           | 17               | 4                      | 8         | 12         |
| 65 - 69      | 1,394         | 1,322         | 45               | 14                     | 13         | 17         | 938           | 906           | 25               | 2                      | 5         | 9          |
| 70 - 74      | 1,500         | 1,444         | 39               | 8                      | 9          | 22         | 1,068         | 1,043         | 13               | 7                      | 5         | 4          |
| 75 - 79      | 1,591         | 1,558         | 20               | 4                      | 9          | 11         | 1,410         | 1,373         | 24               | 6                      | 7         | 11         |
| 80 - 84      | 1,959         | 1,924         | 22               | 10                     | 3          | 9          | 1,969         | 1,934         | 20               | 10                     | 5         | 7          |
| 85 - 89      | 2,072         | 2,038         | 20               | 7                      | 7          | 14         | 2,670         | 2,633         | 23               | 10                     | 4         | 9          |
| 90 - 94      | 1,495         | 1,485         | 6                | 1                      | 3          | 6          | 2,604         | 2,576         | 20               | 4                      | 4         | 12         |
| 95 - 99      | 514           | 511           | 3                | 0                      | 0          | 2          | 1,388         | 1,376         | 10               | 1                      | 1         | 7          |
| 100 +        | 64            | 62            | 0                | 2                      | 0          | 0          | 371           | 369           | 1                | 1                      | 0         | 0          |
| N.S.         | 0             | 0             | 0                | 0                      | 0          | 0          | 0             | 0             | 0                | 0                      | 0         | 0          |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race and age.

**TABLE 16**  
**LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS**  
**2016 RESIDENT DATA**

| Age Group          |                                                                      | Number        | Percent |
|--------------------|----------------------------------------------------------------------|---------------|---------|
| <b>Under 1</b>     | <b>Total</b>                                                         | <b>240</b>    |         |
|                    | Certain Conditions Originating in the Perinatal Period               | 104           | 43.3    |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 56            | 23.3    |
|                    | Sudden Infant Death Syndrome                                         | 31            | 12.9    |
|                    | All Other Diseases (Residual)                                        | 17            | 7.1     |
|                    | All Infective and Parasitic Disease                                  | 6             | 2.5     |
|                    | Symptoms, Signs, and Abnormal Findings, Not Elsewhere Classifiable   | 6             | 2.5     |
|                    | Unintentional Injuries                                               | 6             | 2.5     |
| <b>1 – 4</b>       | <b>Total</b>                                                         | <b>47</b>     |         |
|                    | Unintentional Injuries                                               | 14            | 29.8    |
|                    | All Other Diseases (Residual)                                        | 10            | 21.3    |
|                    | Malignant Neoplasms                                                  | 5             | 10.6    |
|                    | All Infective and Parasitic Disease                                  | 4             | 8.5     |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 3             | 6.4     |
| <b>5 – 14</b>      | <b>Total</b>                                                         | <b>57</b>     |         |
|                    | Unintentional Injuries                                               | 31            | 54.4    |
|                    | All Other Diseases (Residual)                                        | 7             | 12.3    |
|                    | Suicides                                                             | 4             | 7.0     |
|                    | Homicide and Legal Intervention                                      | 3             | 5.3     |
|                    | Malignant Neoplasms                                                  | 3             | 5.3     |
|                    | All Infective and Parasitic Disease                                  | 2             | 3.5     |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 2             | 3.5     |
| <b>15 – 24</b>     | <b>Total</b>                                                         | <b>268</b>    |         |
|                    | Unintentional Injuries                                               | 122           | 45.5    |
|                    | Suicides                                                             | 62            | 23.1    |
|                    | All Other Diseases (Residual)                                        | 28            | 10.4    |
|                    | Homicide and Legal Intervention                                      | 20            | 7.5     |
|                    | Malignant Neoplasms                                                  | 10            | 3.7     |
| <b>25 – 44</b>     | <b>Total</b>                                                         | <b>1,036</b>  |         |
|                    | Unintentional Injuries                                               | 298           | 28.8    |
|                    | Suicides                                                             | 156           | 15.1    |
|                    | Malignant Neoplasms                                                  | 147           | 14.2    |
|                    | All Other Diseases (Residual)                                        | 135           | 13.0    |
|                    | Diseases of the Heart                                                | 96            | 9.3     |
| <b>45 – 54</b>     | <b>Total</b>                                                         | <b>1,458</b>  |         |
|                    | Malignant Neoplasms                                                  | 350           | 24.0    |
|                    | Diseases of the Heart                                                | 289           | 19.8    |
|                    | All Other Diseases (Residual)                                        | 194           | 13.3    |
|                    | Unintentional Injuries                                               | 177           | 12.1    |
|                    | Suicides                                                             | 100           | 6.9     |
| <b>55 – 64</b>     | <b>Total</b>                                                         | <b>3,399</b>  |         |
|                    | Malignant Neoplasms                                                  | 1,191         | 35.0    |
|                    | Diseases of the Heart                                                | 750           | 22.1    |
|                    | All Other Diseases (Residual)                                        | 436           | 12.8    |
|                    | Chronic Lower Respiratory Diseases                                   | 188           | 5.5     |
|                    | Unintentional Injuries                                               | 155           | 4.6     |
| <b>65 – 84</b>     | <b>Total</b>                                                         | <b>11,829</b> |         |
|                    | Malignant Neoplasms                                                  | 3,403         | 28.8    |
|                    | Diseases of the Heart                                                | 2,568         | 21.7    |
|                    | All Other Diseases (Residual)                                        | 1,961         | 16.6    |
|                    | Chronic Lower Respiratory Diseases                                   | 1,102         | 9.3     |
|                    | Cerebrovascular Disease                                              | 510           | 4.3     |
| <b>85 and Over</b> | <b>Total</b>                                                         | <b>11,178</b> |         |
|                    | Diseases of the Heart                                                | 3,151         | 28.2    |
|                    | All Other Diseases (Residual)                                        | 2,431         | 21.7    |
|                    | Malignant Neoplasms                                                  | 1,267         | 11.3    |
|                    | Alzheimer's Disease                                                  | 997           | 8.9     |
|                    | Cerebrovascular Disease                                              | 719           | 6.4     |

**TABLE 16 A**  
**LEADING CAUSES OF WHITE DEATHS BY SELECTED AGE GROUPS**  
**2016 RESIDENT DATA**

| Age Group          |                                                                      | Number        | Percent |
|--------------------|----------------------------------------------------------------------|---------------|---------|
| <b>Under 1</b>     | <b>Total</b>                                                         | <b>184</b>    |         |
|                    | Certain Conditions Originating in the Perinatal Period               | 84            | 45.7    |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 42            | 22.8    |
|                    | Sudden Infant Death Syndrome                                         | 23            | 12.5    |
|                    | All Other Diseases (Residual)                                        | 13            | 7.1     |
|                    | All Infective and Parasitic Disease                                  | 5             | 2.7     |
| <b>1 – 4</b>       | <b>Total</b>                                                         | <b>35</b>     |         |
|                    | Unintentional Injuries                                               | 11            | 31.4    |
|                    | All Other Diseases (Residual)                                        | 9             | 25.7    |
|                    | Malignant Neoplasms                                                  | 4             | 11.4    |
|                    | All Infective and Parasitic Disease                                  | 2             | 5.7     |
|                    | Influenza and Pneumonia                                              | 2             | 5.7     |
|                    | Other External Causes                                                | 2             | 5.7     |
|                    | Certain Conditions Originating in the Perinatal Period               | 1             | 2.9     |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 1             | 2.9     |
|                    | Diseases of the Heart                                                | 1             | 2.9     |
|                    | Homicide and Legal Intervention                                      | 1             | 2.9     |
|                    | Symptoms, Signs, and Abnormal Findings, Not Elsewhere Classifiable   | 1             | 2.9     |
| <b>5 – 14</b>      | <b>Total</b>                                                         | <b>44</b>     |         |
|                    | Unintentional Injuries                                               | 25            | 56.8    |
|                    | All Other Diseases (Residual)                                        | 7             | 15.9    |
|                    | Malignant Neoplasms                                                  | 3             | 6.8     |
|                    | Suicides                                                             | 3             | 6.8     |
|                    | All Infective and Parasitic Disease                                  | 2             | 4.5     |
|                    | Anemias                                                              | 1             | 2.3     |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 1             | 2.3     |
|                    | Diabetes Mellitus                                                    | 1             | 2.3     |
|                    | Diseases of the Heart                                                | 1             | 2.3     |
| <b>15 – 24</b>     | <b>Total</b>                                                         | <b>231</b>    |         |
|                    | Unintentional Injuries                                               | 110           | 47.6    |
|                    | Suicides                                                             | 53            | 22.9    |
|                    | All Other Diseases (Residual)                                        | 26            | 11.3    |
|                    | Homicide and Legal Intervention                                      | 10            | 4.3     |
|                    | Malignant Neoplasms                                                  | 9             | 3.9     |
| <b>25 – 44</b>     | <b>Total</b>                                                         | <b>915</b>    |         |
|                    | Unintentional Injuries                                               | 262           | 28.6    |
|                    | Suicides                                                             | 147           | 16.1    |
|                    | Malignant Neoplasms                                                  | 130           | 14.2    |
|                    | All Other Diseases (Residual)                                        | 127           | 13.9    |
|                    | Diseases of the Heart                                                | 86            | 9.4     |
| <b>45 – 54</b>     | <b>Total</b>                                                         | <b>1,352</b>  |         |
|                    | Malignant Neoplasms                                                  | 330           | 24.4    |
|                    | Diseases of the Heart                                                | 272           | 20.1    |
|                    | All Other Diseases (Residual)                                        | 176           | 13.0    |
|                    | Unintentional Injuries                                               | 162           | 12.0    |
|                    | Suicides                                                             | 97            | 7.2     |
| <b>55 – 64</b>     | <b>Total</b>                                                         | <b>3,234</b>  |         |
|                    | Malignant Neoplasms                                                  | 1,145         | 35.4    |
|                    | Diseases of the Heart                                                | 701           | 21.7    |
|                    | All Other Diseases (Residual)                                        | 423           | 13.1    |
|                    | Chronic Lower Respiratory Diseases                                   | 178           | 5.5     |
|                    | Unintentional Injuries                                               | 144           | 4.5     |
| <b>65 – 84</b>     | <b>Total</b>                                                         | <b>11,504</b> |         |
|                    | Malignant Neoplasms                                                  | 3,311         | 28.8    |
|                    | Diseases of the Heart                                                | 2,496         | 21.7    |
|                    | All Other Diseases (Residual)                                        | 1,912         | 16.6    |
|                    | Chronic Lower Respiratory Diseases                                   | 1,079         | 9.4     |
|                    | Cerebrovascular Disease                                              | 491           | 4.3     |
| <b>85 and Over</b> | <b>Total</b>                                                         | <b>11,050</b> |         |
|                    | Diseases of the Heart                                                | 3,120         | 28.2    |
|                    | All Other Diseases (Residual)                                        | 2,403         | 21.7    |
|                    | Malignant Neoplasms                                                  | 1,251         | 11.3    |
|                    | Alzheimer's Disease                                                  | 988           | 8.9     |
|                    | Cerebrovascular Disease                                              | 713           | 6.5     |

**TABLE 16 B**  
**LEADING CAUSES OF AFRICAN AMERICAN DEATHS BY SELECTED AGE GROUPS**  
**2016 RESIDENT DATA**

| Age Group          |                                                                      | Number     | Percent |
|--------------------|----------------------------------------------------------------------|------------|---------|
| <b>Under 1</b>     | <b>Total</b>                                                         | <b>38</b>  |         |
|                    | Certain Conditions Originating in the Perinatal Period               | 13         | 34.2    |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 7          | 18.4    |
|                    | Sudden Infant Death Syndrome                                         | 7          | 18.4    |
|                    | All Other Diseases (Residual)                                        | 2          | 5.3     |
|                    | Symptoms, Signs, and Abnormal Findings, Not Elsewhere Classifiable   | 2          | 5.3     |
|                    | Unintentional Injuries                                               | 2          | 5.3     |
|                    | All Infective and Parasitic Disease                                  | 1          | 2.6     |
|                    | Diseases of the Heart                                                | 1          | 2.6     |
|                    | Homicide and Legal Intervention                                      | 1          | 2.6     |
|                    | Influenza and Pneumonia                                              | 1          | 2.6     |
|                    | Other External Causes                                                | 1          | 2.6     |
| <b>1 – 4</b>       | <b>Total</b>                                                         | <b>8</b>   |         |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 2          | 25.0    |
|                    | Unintentional Injuries                                               | 2          |         |
|                    | All Infective and Parasitic Disease                                  | 1          |         |
|                    | All Other Diseases (Residual)                                        | 1          |         |
|                    | Chronic Lower Respiratory Diseases                                   | 1          | 12.5    |
|                    | Malignant Neoplasms                                                  | 1          | 12.5    |
| <b>5 – 14</b>      | <b>Total</b>                                                         | <b>6</b>   |         |
|                    | Homicide and Legal Intervention                                      | 2          | 33.3    |
|                    | Unintentional Injuries                                               | 2          | 33.3    |
|                    | Influenza and Pneumonia                                              | 1          | 16.7    |
|                    | Suicides                                                             | 1          | 16.7    |
| <b>15 – 24</b>     | <b>Total</b>                                                         | <b>25</b>  |         |
|                    | Homicide and Legal Intervention                                      | 10         | 40.0    |
|                    | Unintentional Injuries                                               | 8          | 32.0    |
|                    | All Other Diseases (Residual)                                        | 2          | 8.0     |
|                    | Suicides                                                             | 2          | 8.0     |
|                    | Complications of Pregnancy, Childbirth, and the Puerperium           | 1          | 4.0     |
|                    | Diseases of the Heart                                                | 1          | 4.0     |
|                    | Malignant Neoplasms                                                  | 1          | 4.0     |
| <b>25 – 44</b>     | <b>Total</b>                                                         | <b>77</b>  |         |
|                    | Unintentional Injuries                                               | 23         | 29.9    |
|                    | Diseases of the Heart                                                | 9          | 11.7    |
|                    | Homicide and Legal Intervention                                      | 9          | 11.7    |
|                    | Malignant Neoplasms                                                  | 7          | 9.1     |
|                    | Suicides                                                             | 7          | 9.1     |
|                    | All Other Diseases (Residual)                                        | 4          | 5.2     |
|                    | Cerebrovascular Disease                                              | 3          | 3.9     |
|                    | Chronic Liver Disease and Cirrhosis                                  | 3          | 3.9     |
|                    | Diabetes Mellitus                                                    | 3          | 3.9     |
| <b>45 – 54</b>     | <b>Total</b>                                                         | <b>69</b>  |         |
|                    | Diseases of the Heart                                                | 14         | 20.3    |
|                    | All Other Diseases (Residual)                                        | 12         | 17.4    |
|                    | Unintentional Injuries                                               | 11         | 15.9    |
|                    | Malignant Neoplasms                                                  | 10         | 14.5    |
|                    | All Infective and Parasitic Disease                                  | 4          | 5.8     |
| <b>55 – 64</b>     | <b>Total</b>                                                         | <b>112</b> |         |
|                    | Diseases of the Heart                                                | 35         | 31.3    |
|                    | Malignant Neoplasms                                                  | 34         | 30.4    |
|                    | All Other Diseases (Residual)                                        | 9          | 8.0     |
|                    | Chronic Lower Respiratory Diseases                                   | 8          | 7.1     |
|                    | Unintentional Injuries                                               | 6          | 5.4     |
| <b>65 – 84</b>     | <b>Total</b>                                                         | <b>208</b> |         |
|                    | Malignant Neoplasms                                                  | 58         | 27.9    |
|                    | Diseases of the Heart                                                | 46         | 22.1    |
|                    | All Other Diseases (Residual)                                        | 25         | 12.0    |
|                    | Chronic Lower Respiratory Diseases                                   | 18         | 8.7     |
|                    | Cerebrovascular Disease                                              | 15         | 7.2     |
| <b>85 and Over</b> | <b>Total</b>                                                         | <b>83</b>  |         |
|                    | Diseases of the Heart                                                | 22         | 26.5    |
|                    | All Other Diseases (Residual)                                        | 19         | 22.9    |
|                    | Malignant Neoplasms                                                  | 8          | 9.6     |
|                    | Alzheimer's Disease                                                  | 7          | 8.4     |
|                    | Diabetes Mellitus                                                    | 6          | 7.2     |

**TABLE 16 C**  
**LEADING CAUSES OF ASIAN/PACIFIC ISLANDER DEATHS BY SELECTED AGE GROUPS**  
**2016 RESIDENT DATA**

| Age Group          |                                                                      | Number    | Percent |
|--------------------|----------------------------------------------------------------------|-----------|---------|
| <b>Under 1</b>     | <b>Total</b>                                                         | <b>9</b>  |         |
|                    | Certain Conditions Originating in the Perinatal Period               | 5         | 55.6    |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 2         | 22.2    |
|                    | All Other Diseases (Residual)                                        | 1         | 11.1    |
|                    | Sudden Infant Death Syndrome                                         | 1         | 11.1    |
| <b>1 – 4</b>       | <b>Total</b>                                                         | <b>3</b>  |         |
|                    | All Infective and Parasitic Disease                                  | 1         | 33.3    |
|                    | Homicide and Legal Intervention                                      | 1         | 33.3    |
|                    | Symptoms, Signs, and Abnormal Findings, Not Elsewhere Classifiable   | 1         | 33.3    |
| <b>5 – 14</b>      | <b>Total</b>                                                         | <b>2</b>  |         |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 1         | 50.0    |
|                    | Unintentional Injuries                                               | 1         | 50.0    |
| <b>15 – 24</b>     | <b>Total</b>                                                         | <b>7</b>  |         |
|                    | Suicides                                                             | 5         | 71.4    |
|                    | Complications of Pregnancy, Childbirth, and the Puerperium           | 1         | 14.3    |
|                    | Unintentional Injuries                                               | 1         | 14.3    |
| <b>25 – 44</b>     | <b>Total</b>                                                         | <b>19</b> |         |
|                    | Malignant Neoplasms                                                  | 5         | 26.3    |
|                    | Unintentional Injuries                                               | 4         | 21.1    |
|                    | Cerebrovascular Disease                                              | 2         | 10.5    |
|                    | Chronic Liver Disease and Cirrhosis                                  | 2         | 10.5    |
|                    | Suicides                                                             | 2         | 10.5    |
|                    | All Infective and Parasitic Disease                                  | 1         | 5.3     |
|                    | Chronic Lower Respiratory Diseases                                   | 1         | 5.3     |
|                    | Diseases of the Heart                                                | 1         | 5.3     |
|                    | Other External Causes                                                | 1         | 5.3     |
| <b>45 – 54</b>     | <b>Total</b>                                                         | <b>17</b> |         |
|                    | Malignant Neoplasms                                                  | 5         | 29.4    |
|                    | Unintentional Injuries                                               | 3         | 17.6    |
|                    | Diseases of the Heart                                                | 2         | 11.8    |
|                    | Suicides                                                             | 2         | 11.8    |
|                    | All Other Diseases (Residual)                                        | 1         | 5.9     |
|                    | Cerebrovascular Disease                                              | 1         | 5.9     |
|                    | Chronic Liver Disease and Cirrhosis                                  | 1         | 5.9     |
|                    | Essential Hypertension and Hypertensive Renal Disease                | 1         | 5.9     |
|                    | Other External Causes                                                | 1         | 5.9     |
| <b>55 – 64</b>     | <b>Total</b>                                                         | <b>20</b> |         |
|                    | Diseases of the Heart                                                | 6         | 30.0    |
|                    | Malignant Neoplasms                                                  | 6         | 30.0    |
|                    | Unintentional Injuries                                               | 4         | 20.0    |
|                    | All Infective and Parasitic Disease                                  | 1         | 5.0     |
|                    | All Other Diseases (Residual)                                        | 1         | 5.0     |
|                    | Cerebrovascular Disease                                              | 1         | 5.0     |
|                    | Chronic Liver Disease and Cirrhosis                                  | 1         | 5.0     |
| <b>65 – 84</b>     | <b>Total</b>                                                         | <b>61</b> |         |
|                    | Malignant Neoplasms                                                  | 19        | 31.1    |
|                    | Diseases of the Heart                                                | 15        | 24.6    |
|                    | All Other Diseases (Residual)                                        | 10        | 16.4    |
|                    | All Infective and Parasitic Disease                                  | 3         | 4.9     |
|                    | Chronic Lower Respiratory Diseases                                   | 3         | 4.9     |
|                    | Diabetes Mellitus                                                    | 3         | 4.9     |
|                    | Cerebrovascular Disease                                              | 2         | 3.3     |
| <b>85 and Over</b> | <b>Total</b>                                                         | <b>26</b> |         |
|                    | All Other Diseases (Residual)                                        | 6         | 23.1    |
|                    | Malignant Neoplasms                                                  | 5         | 19.2    |
|                    | Diseases of the Heart                                                | 4         | 15.4    |
|                    | Cerebrovascular Disease                                              | 3         | 11.5    |
|                    | Chronic Lower Respiratory Diseases                                   | 3         | 11.5    |
|                    | Alzheimer's Disease                                                  | 1         | 3.8     |
|                    | Diabetes Mellitus                                                    | 1         | 3.8     |
|                    | Essential Hypertension and Hypertensive Renal Disease                | 1         | 3.8     |
|                    | Symptoms, Signs, and Abnormal Findings, Not Elsewhere Classifiable   | 1         | 3.8     |
|                    | Unintentional Injuries                                               | 1         | 3.8     |

**TABLE 16 D**  
**LEADING CAUSES OF OTHER DEATHS BY SELECTED AGE GROUPS**  
**2016 RESIDENT DATA**

| Age Group          |                                                                      | Number    | Percent |
|--------------------|----------------------------------------------------------------------|-----------|---------|
| <b>Under 1</b>     | <b>Total</b>                                                         | <b>9</b>  |         |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 5         | 55.6    |
|                    | Certain Conditions Originating in the Perinatal Period               | 2         | 22.2    |
|                    | All Other Diseases (Residual)                                        | 1         | 11.1    |
|                    | Unintentional Injuries                                               | 1         | 11.1    |
| <b>1 – 4</b>       | <b>Total</b>                                                         | <b>1</b>  |         |
|                    | Unintentional Injuries                                               | 1         | 100.0   |
| <b>5 – 14</b>      | <b>Total</b>                                                         | <b>5</b>  |         |
|                    | Unintentional Injuries                                               | 3         | 60.0    |
|                    | Homicide and Legal Intervention                                      | 1         | 20.0    |
|                    | Other Diseases of Circulatory System                                 | 1         | 20.0    |
| <b>15 – 24</b>     | <b>Total</b>                                                         | <b>5</b>  |         |
|                    | Unintentional Injuries                                               | 3         | 60.0    |
|                    | Suicides                                                             | 2         | 40.0    |
| <b>25 – 44</b>     | <b>Total</b>                                                         | <b>25</b> |         |
|                    | Unintentional Injuries                                               | 9         | 36.0    |
|                    | Malignant Neoplasms                                                  | 5         | 20.0    |
|                    | All Other Diseases (Residual)                                        | 4         | 16.0    |
|                    | All Infective and Parasitic Disease                                  | 2         | 8.0     |
|                    | Diabetes Mellitus                                                    | 2         | 8.0     |
|                    | Homicide and Legal Intervention                                      | 2         | 8.0     |
|                    | Influenza and Pneumonia                                              | 1         | 4.0     |
| <b>45 – 54</b>     | <b>Total</b>                                                         | <b>20</b> |         |
|                    | All Other Diseases (Residual)                                        | 5         | 25.0    |
|                    | Malignant Neoplasms                                                  | 5         | 25.0    |
|                    | Diabetes Mellitus                                                    | 2         | 10.0    |
|                    | All Infective and Parasitic Disease                                  | 1         | 5.0     |
|                    | Cerebrovascular Disease                                              | 1         | 5.0     |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities | 1         | 5.0     |
|                    | Diseases of the Heart                                                | 1         | 5.0     |
|                    | Essential Hypertension and Hypertensive Renal Disease                | 1         | 5.0     |
|                    | Homicide and Legal Intervention                                      | 1         | 5.0     |
|                    | Suicides                                                             | 1         | 5.0     |
|                    | Unintentional Injuries                                               | 1         | 5.0     |
| <b>55 – 64</b>     | <b>Total</b>                                                         | <b>33</b> |         |
|                    | Diseases of the Heart                                                | 8         | 24.2    |
|                    | Diabetes Mellitus                                                    | 6         | 18.2    |
|                    | Malignant Neoplasms                                                  | 6         | 18.2    |
|                    | Chronic Liver Disease and Cirrhosis                                  | 4         | 12.1    |
|                    | All Other Diseases (Residual)                                        | 3         | 9.1     |
|                    | Chronic Lower Respiratory Diseases                                   | 2         | 6.1     |
| <b>65 – 84</b>     | <b>Total</b>                                                         | <b>56</b> |         |
|                    | Malignant Neoplasms                                                  | 15        | 26.8    |
|                    | All Other Diseases (Residual)                                        | 14        | 25.0    |
|                    | Diseases of the Heart                                                | 11        | 19.6    |
|                    | Diabetes Mellitus                                                    | 3         | 5.4     |
|                    | Cerebrovascular Disease                                              | 2         | 3.6     |
|                    | Chronic Lower Respiratory Diseases                                   | 2         | 3.6     |
|                    | Nephritis, Nephrotic Syndrome, and Nephrosis                         | 2         | 3.6     |
|                    | Unintentional Injuries                                               | 2         | 3.6     |
| <b>85 and Over</b> | <b>Total</b>                                                         | <b>19</b> |         |
|                    | Diseases of the Heart                                                | 5         | 26.3    |
|                    | All Other Diseases (Residual)                                        | 3         | 15.8    |
|                    | Malignant Neoplasms                                                  | 3         | 15.8    |
|                    | All Infective and Parasitic Disease                                  | 2         | 10.5    |
|                    | Alzheimer's Disease                                                  | 1         | 5.3     |
|                    | Atherosclerosis                                                      | 1         | 5.3     |
|                    | Chronic Liver Disease and Cirrhosis                                  | 1         | 5.3     |
|                    | Chronic Lower Respiratory Diseases                                   | 1         | 5.3     |
|                    | Diabetes Mellitus                                                    | 1         | 5.3     |
|                    | Nephritis, Nephrotic Syndrome, and Nephrosis                         | 1         | 5.3     |

**TABLE 16 E**  
**LEADING CAUSES OF HISPANIC DEATHS BY SELECTED AGE GROUPS**  
**2016 RESIDENT DATA**

| Age Group          |                                                                                                    | Number    | Percent |
|--------------------|----------------------------------------------------------------------------------------------------|-----------|---------|
| <b>Under 1</b>     | <b>Total</b>                                                                                       | <b>27</b> |         |
|                    | Certain Conditions Originating in the Perinatal Period                                             | 15        | 55.6    |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities                               | 8         | 29.6    |
|                    | All Infective and Parasitic Disease                                                                | 1         | 3.7     |
|                    | All Other Diseases (Residual)                                                                      | 1         | 3.7     |
|                    | Influenza and Pneumonia                                                                            | 1         | 3.7     |
|                    | Unintentional Injuries                                                                             | 1         | 3.7     |
| <b>1 - 4</b>       | <b>Total</b>                                                                                       | <b>2</b>  |         |
|                    | All Other Diseases (Residual)                                                                      | 1         | 50.0    |
|                    | Unintentional Injuries                                                                             | 1         | 50.0    |
| <b>5 - 14</b>      | <b>Total</b>                                                                                       | <b>6</b>  |         |
|                    | Unintentional Injuries                                                                             | 4         | 66.7    |
|                    | Homicide and Legal Intervention                                                                    | 1         | 16.7    |
|                    | Influenza and Pneumonia                                                                            | 1         | 16.7    |
| <b>15 - 24</b>     | <b>Total</b>                                                                                       | <b>20</b> |         |
|                    | Unintentional Injuries                                                                             | 9         | 45.0    |
|                    | Homicide and Legal Intervention                                                                    | 2         | 10.0    |
|                    | Malignant Neoplasms                                                                                | 2         | 10.0    |
|                    | Suicides                                                                                           | 2         | 10.0    |
|                    | All Other Diseases (Residual)                                                                      | 1         | 5.0     |
|                    | Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature | 1         | 5.0     |
|                    | Congenital Malformations, Deformations and Chromosomal Abnormalities                               | 1         | 5.0     |
|                    | Other External Causes                                                                              | 1         | 5.0     |
|                    | Symptoms, Signs, and Abnormal Findings, Not Elsewhere Classifiable                                 | 1         | 5.0     |
| <b>25 - 44</b>     | <b>Total</b>                                                                                       | <b>45</b> |         |
|                    | Unintentional Injuries                                                                             | 14        | 31.1    |
|                    | Chronic Liver Disease and Cirrhosis                                                                | 6         | 13.3    |
|                    | Malignant Neoplasms                                                                                | 5         | 11.1    |
|                    | Homicide and Legal Intervention                                                                    | 4         | 8.9     |
|                    | All Infective and Parasitic Disease                                                                | 3         | 6.7     |
| <b>45 - 54</b>     | <b>Total</b>                                                                                       | <b>33</b> |         |
|                    | Malignant Neoplasms                                                                                | 8         | 24.2    |
|                    | All Other Diseases (Residual)                                                                      | 7         | 21.2    |
|                    | Unintentional Injuries                                                                             | 5         | 15.2    |
|                    | Chronic Liver Disease and Cirrhosis                                                                | 4         | 12.1    |
|                    | Cerebrovascular Disease                                                                            | 2         | 6.1     |
|                    | Diabetes Mellitus                                                                                  | 2         | 6.1     |
|                    | Diseases of the Heart                                                                              | 2         | 6.1     |
| <b>55 - 64</b>     | <b>Total</b>                                                                                       | <b>43</b> |         |
|                    | Malignant Neoplasms                                                                                | 12        | 27.9    |
|                    | Diseases of the Heart                                                                              | 9         | 20.9    |
|                    | Diabetes Mellitus                                                                                  | 7         | 16.3    |
|                    | All Other Diseases (Residual)                                                                      | 3         | 7.0     |
|                    | Chronic Liver Disease and Cirrhosis                                                                | 3         | 7.0     |
|                    | Nephritis, Nephrotic Syndrome, and Nephrosis                                                       | 3         | 7.0     |
|                    | Unintentional Injuries                                                                             | 3         | 7.0     |
|                    | Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature | 1         | 2.3     |
|                    | Cerebrovascular Disease                                                                            | 1         | 2.3     |
|                    | Influenza and Pneumonia                                                                            | 1         | 2.3     |
| <b>65 - 84</b>     | <b>Total</b>                                                                                       | <b>90</b> |         |
|                    | All Other Diseases (Residual)                                                                      | 23        | 25.6    |
|                    | Malignant Neoplasms                                                                                | 19        | 21.1    |
|                    | Diseases of the Heart                                                                              | 18        | 20.0    |
|                    | Diabetes Mellitus                                                                                  | 5         | 5.6     |
|                    | Alzheimer's Disease                                                                                | 4         | 4.4     |
|                    | Nephritis, Nephrotic Syndrome, and Nephrosis                                                       | 4         | 4.4     |
| <b>85 and Over</b> | <b>Total</b>                                                                                       | <b>50</b> |         |
|                    | All Other Diseases (Residual)                                                                      | 13        | 26.0    |
|                    | Diseases of the Heart                                                                              | 12        | 24.0    |
|                    | Malignant Neoplasms                                                                                | 8         | 16.0    |
|                    | Chronic Lower Respiratory Diseases                                                                 | 4         | 8.0     |
|                    | Alzheimer's Disease                                                                                | 3         | 6.0     |
|                    | Diabetes Mellitus                                                                                  | 3         | 6.0     |

**TABLE 17**  
**LEADING CAUSES OF DEATH BY NUMBER AND PERCENT OF TOTAL DEATHS, BY GENDER**  
**2016 RESIDENT DATA**

| Cause of Death                                                                                     | Total         |              | Male          |              | Female        |              |
|----------------------------------------------------------------------------------------------------|---------------|--------------|---------------|--------------|---------------|--------------|
|                                                                                                    | Number        | Percent      | Number        | Percent      | Number        | Percent      |
| <b>Total</b>                                                                                       | <b>29,512</b> | <b>100.0</b> | <b>14,648</b> | <b>100.0</b> | <b>14,864</b> | <b>100.0</b> |
| Diseases of the Heart                                                                              | 6,862         | 23.3         | 3,608         | 24.6         | 3,254         | 21.9         |
| Malignant Neoplasms                                                                                | 6,377         | 21.6         | 3,404         | 23.2         | 2,973         | 20.0         |
| All Other Diseases                                                                                 | 4,771         | 16.2         | 2,153         | 14.7         | 2,618         | 17.6         |
| Chronic Lower Respiratory Diseases                                                                 | 1,986         | 6.7          | 983           | 6.7          | 1,003         | 6.7          |
| Unintentional Injuries                                                                             | 1,565         | 5.3          | 968           | 6.6          | 597           | 4.0          |
| Alzheimer's Disease                                                                                | 1,410         | 4.8          | 410           | 2.8          | 1,000         | 6.7          |
| Cerebrovascular Diseases                                                                           | 1,379         | 4.7          | 520           | 3.5          | 859           | 5.8          |
| Influenza and Pneumonia                                                                            | 907           | 3.1          | 354           | 2.4          | 553           | 3.7          |
| Diabetes Mellitus                                                                                  | 842           | 2.9          | 425           | 2.9          | 417           | 2.8          |
| All Infective and Parasitic Diseases                                                               | 468           | 1.6          | 237           | 1.6          | 231           | 1.6          |
| Suicides                                                                                           | 449           | 1.5          | 372           | 2.5          | 77            | 0.5          |
| Essential Hypertension and Hypertensive Renal Disease                                              | 367           | 1.2          | 154           | 1.1          | 213           | 1.4          |
| Nephritis, Nephrotic Syndrome, and Nephrosis                                                       | 347           | 1.2          | 174           | 1.2          | 173           | 1.2          |
| Chronic Liver Disease and Cirrhosis                                                                | 341           | 1.2          | 233           | 1.6          | 108           | 0.7          |
| Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified                                    | 332           | 1.1          | 109           | 0.7          | 223           | 1.5          |
| Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature | 204           | 0.7          | 92            | 0.6          | 112           | 0.8          |
| Other Diseases of Circulatory System                                                               | 202           | 0.7          | 104           | 0.7          | 98            | 0.7          |
| Congenital Malformations, Deformations and Chromosomal Abnormalities                               | 130           | 0.4          | 62            | 0.4          | 68            | 0.5          |
| Certain Conditions Originating in the Perinatal Period                                             | 107           | 0.4          | 50            | 0.3          | 57            | 0.4          |
| Peptic Ulcer                                                                                       | 82            | 0.3          | 33            | 0.2          | 49            | 0.3          |
| Homicide and Legal Intervention                                                                    | 79            | 0.3          | 51            | 0.3          | 28            | 0.2          |
| Atherosclerosis                                                                                    | 71            | 0.2          | 35            | 0.2          | 36            | 0.2          |
| Cholelithiasis and Other Disorders of the Gallbladder                                              | 68            | 0.2          | 34            | 0.2          | 34            | 0.2          |
| Other External Causes                                                                              | 48            | 0.2          | 28            | 0.2          | 20            | 0.1          |
| Anemias                                                                                            | 46            | 0.2          | 18            | 0.1          | 28            | 0.2          |
| Sudden Infant Death Syndrome                                                                       | 31            | 0.1          | 18            | 0.1          | 13            | 0.1          |
| Hyperplasia of Prostate                                                                            | 13            | 0.0          | 13            | 0.1          | 0             | 0.0          |
| Complications of Pregnancy, Childbirth and the Puerperium                                          | 12            | 0.0          | 0             | 0.0          | 12            | 0.1          |
| Infections of Kidney                                                                               | 11            | 0.0          | 4             | 0.0          | 7             | 0.0          |
| Meningitis                                                                                         | 4             | 0.0          | 1             | 0.0          | 3             | 0.0          |
| Acute Bronchitis and Bronchiolitis                                                                 | 1             | 0.0          | 1             | 0.0          | 0             | 0.0          |

**TABLE 18**  
**HEART DISEASE DEATHS BY RACE AND AGE**  
**2016 RESIDENT DATA**

| Age     | Total |       |                  |                        |       |           |
|---------|-------|-------|------------------|------------------------|-------|-----------|
|         | Total | White | African American | Asian/Pacific Islander | Other | Hispanic* |
| Total   | 6,862 | 6,681 | 128              | 28                     | 25    | 43        |
| < 1     | 3     | 2     | 1                | 0                      | 0     | 0         |
| 1 - 4   | 1     | 1     | 0                | 0                      | 0     | 0         |
| 5 - 9   | 0     | 0     | 0                | 0                      | 0     | 0         |
| 10 - 14 | 1     | 1     | 0                | 0                      | 0     | 0         |
| 15 - 19 | 0     | 0     | 0                | 0                      | 0     | 0         |
| 20 - 24 | 3     | 2     | 1                | 0                      | 0     | 0         |
| 25 - 29 | 6     | 6     | 0                | 0                      | 0     | 0         |
| 30 - 34 | 11    | 11    | 0                | 0                      | 0     | 1         |
| 35 - 39 | 25    | 22    | 3                | 0                      | 0     | 1         |
| 40 - 44 | 54    | 47    | 6                | 1                      | 0     | 0         |
| 45 - 49 | 101   | 88    | 11               | 2                      | 0     | 1         |
| 50 - 54 | 188   | 184   | 3                | 0                      | 1     | 1         |
| 55 - 59 | 335   | 308   | 18               | 4                      | 5     | 4         |
| 60 - 64 | 415   | 393   | 17               | 2                      | 3     | 5         |
| 65 - 69 | 496   | 472   | 16               | 3                      | 5     | 7         |
| 70 - 74 | 549   | 536   | 8                | 2                      | 3     | 4         |
| 75 - 79 | 620   | 601   | 13               | 4                      | 2     | 2         |
| 80 - 84 | 903   | 887   | 9                | 6                      | 1     | 5         |
| 85 - 89 | 1,242 | 1,228 | 9                | 2                      | 3     | 5         |
| 90 - 94 | 1,178 | 1,166 | 10               | 1                      | 1     | 5         |
| 95 - 99 | 605   | 601   | 3                | 0                      | 1     | 2         |
| 100 +   | 126   | 125   | 0                | 1                      | 0     | 0         |
| N.S.    | 0     | 0     | 0                | 0                      | 0     | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 18 A**  
**HEART DISEASE DEATHS BY RACE AND AGE, BY GENDER**  
**2016 RESIDENT DATA**

| Age     | Male  |       |                  |                        |       |           | Female |       |                  |                        |       |           |
|---------|-------|-------|------------------|------------------------|-------|-----------|--------|-------|------------------|------------------------|-------|-----------|
|         | Total | White | African American | Asian/Pacific Islander | Other | Hispanic* | Total  | White | African American | Asian/Pacific Islander | Other | Hispanic* |
|         |       |       |                  |                        |       |           | Total  | White | African American | Asian/Pacific Islander | Other | Hispanic* |
| Total   | 3,608 | 3,493 | 83               | 17                     | 15    | 24        | 3,254  | 3,188 | 45               | 11                     | 10    | 19        |
| < 1     | 2     | 1     | 1                | 0                      | 0     | 0         | 1      | 1     | 0                | 0                      | 0     | 0         |
| 1 - 4   | 1     | 1     | 0                | 0                      | 0     | 0         | 0      | 0     | 0                | 0                      | 0     | 0         |
| 5 - 9   | 0     | 0     | 0                | 0                      | 0     | 0         | 0      | 0     | 0                | 0                      | 0     | 0         |
| 10 - 14 | 1     | 1     | 0                | 0                      | 0     | 0         | 0      | 0     | 0                | 0                      | 0     | 0         |
| 15 - 19 | 0     | 0     | 0                | 0                      | 0     | 0         | 0      | 0     | 0                | 0                      | 0     | 0         |
| 20 - 24 | 2     | 1     | 1                | 0                      | 0     | 0         | 1      | 1     | 0                | 0                      | 0     | 0         |
| 25 - 29 | 3     | 3     | 0                | 0                      | 0     | 0         | 3      | 3     | 0                | 0                      | 0     | 0         |
| 30 - 34 | 6     | 6     | 0                | 0                      | 0     | 1         | 5      | 5     | 0                | 0                      | 0     | 0         |
| 35 - 39 | 19    | 17    | 2                | 0                      | 0     | 1         | 6      | 5     | 1                | 0                      | 0     | 0         |
| 40 - 44 | 34    | 30    | 4                | 0                      | 0     | 0         | 20     | 17    | 2                | 1                      | 0     | 0         |
| 45 - 49 | 63    | 54    | 8                | 1                      | 0     | 1         | 38     | 34    | 3                | 1                      | 0     | 0         |
| 50 - 54 | 142   | 139   | 2                | 0                      | 1     | 1         | 46     | 45    | 1                | 0                      | 0     | 0         |
| 55 - 59 | 246   | 227   | 12               | 3                      | 4     | 4         | 89     | 81    | 6                | 1                      | 1     | 0         |
| 60 - 64 | 292   | 276   | 14               | 1                      | 1     | 2         | 123    | 117   | 3                | 1                      | 2     | 3         |
| 65 - 69 | 330   | 312   | 11               | 3                      | 4     | 4         | 166    | 160   | 5                | 0                      | 1     | 3         |
| 70 - 74 | 362   | 350   | 7                | 2                      | 3     | 4         | 187    | 186   | 1                | 0                      | 0     | 0         |
| 75 - 79 | 358   | 350   | 5                | 2                      | 1     | 1         | 262    | 251   | 8                | 2                      | 1     | 1         |
| 80 - 84 | 499   | 489   | 7                | 3                      | 0     | 3         | 404    | 398   | 2                | 3                      | 1     | 2         |
| 85 - 89 | 593   | 586   | 5                | 1                      | 1     | 2         | 649    | 642   | 4                | 1                      | 2     | 3         |
| 90 - 94 | 453   | 450   | 3                | 0                      | 0     | 0         | 725    | 716   | 7                | 1                      | 1     | 5         |
| 95 - 99 | 180   | 179   | 1                | 0                      | 0     | 0         | 425    | 422   | 2                | 0                      | 1     | 2         |
| 100 +   | 22    | 21    | 0                | 1                      | 0     | 0         | 104    | 104   | 0                | 0                      | 0     | 0         |
| N.S.    | 0     | 0     | 0                | 0                      | 0     | 0         | 0      | 0     | 0                | 0                      | 0     | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 19**  
**MALIGNANT NEOPLASM DEATHS BY RACE AND AGE**  
**2016 RESIDENT DATA**

| Age          | Total        |              |                  |                        |           |           |
|--------------|--------------|--------------|------------------|------------------------|-----------|-----------|
|              | Total        | White        | African American | Asian/Pacific Islander | Other     | Hispanic* |
| <b>Total</b> | <b>6,377</b> | <b>6,184</b> | <b>119</b>       | <b>40</b>              | <b>34</b> | <b>54</b> |
| < 1          | 1            | 1            | 0                | 0                      | 0         | 0         |
| 1 - 4        | 5            | 4            | 1                | 0                      | 0         | 0         |
| 5 - 9        | 3            | 3            | 0                | 0                      | 0         | 0         |
| 10 - 14      | 0            | 0            | 0                | 0                      | 0         | 0         |
| 15 - 19      | 3            | 3            | 0                | 0                      | 0         | 1         |
| 20 - 24      | 7            | 6            | 1                | 0                      | 0         | 1         |
| 25 - 29      | 16           | 13           | 2                | 0                      | 1         | 1         |
| 30 - 34      | 24           | 19           | 1                | 2                      | 2         | 2         |
| 35 - 39      | 41           | 38           | 2                | 0                      | 1         | 1         |
| 40 - 44      | 66           | 60           | 2                | 3                      | 1         | 1         |
| 45 - 49      | 118          | 109          | 5                | 2                      | 2         | 3         |
| 50 - 54      | 232          | 221          | 5                | 3                      | 3         | 5         |
| 55 - 59      | 481          | 455          | 19               | 4                      | 3         | 4         |
| 60 - 64      | 710          | 690          | 15               | 2                      | 3         | 8         |
| 65 - 69      | 840          | 806          | 25               | 7                      | 2         | 3         |
| 70 - 74      | 813          | 784          | 18               | 6                      | 5         | 6         |
| 75 - 79      | 857          | 843          | 9                | 2                      | 3         | 5         |
| 80 - 84      | 893          | 878          | 6                | 4                      | 5         | 5         |
| 85 - 89      | 733          | 722          | 6                | 3                      | 2         | 4         |
| 90 - 94      | 410          | 408          | 1                | 0                      | 1         | 2         |
| 95 - 99      | 103          | 101          | 1                | 1                      | 0         | 2         |
| 100 +        | 21           | 20           | 0                | 1                      | 0         | 0         |
| N.S.         | 0            | 0            | 0                | 0                      | 0         | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 19 A**  
**MALIGNANT NEOPLASM DEATHS BY RACE AND AGE, BY GENDER**  
**2016 RESIDENT DATA**

| Age          | Male         |              |                  |                        |           |           | Female       |              |                  |                        |           |           |
|--------------|--------------|--------------|------------------|------------------------|-----------|-----------|--------------|--------------|------------------|------------------------|-----------|-----------|
|              | Total        | White        | African American | Asian/Pacific Islander | Other     | Hispanic* | Total        | White        | African American | Asian/Pacific Islander | Other     | Hispanic* |
|              |              |              |                  |                        |           |           | Total        | White        | African American | Asian/Pacific Islander | Other     | Hispanic* |
| <b>Total</b> | <b>3,404</b> | <b>3,297</b> | <b>69</b>        | <b>19</b>              | <b>19</b> | <b>29</b> | <b>2,973</b> | <b>2,887</b> | <b>50</b>        | <b>21</b>              | <b>15</b> | <b>25</b> |
| < 1          | 1            | 1            | 0                | 0                      | 0         | 0         | 0            | 0            | 0                | 0                      | 0         | 0         |
| 1 - 4        | 3            | 3            | 0                | 0                      | 0         | 0         | 2            | 1            | 1                | 0                      | 0         | 0         |
| 5 - 9        | 3            | 3            | 0                | 0                      | 0         | 0         | 0            | 0            | 0                | 0                      | 0         | 0         |
| 10 - 14      | 0            | 0            | 0                | 0                      | 0         | 0         | 0            | 0            | 0                | 0                      | 0         | 0         |
| 15 - 19      | 2            | 2            | 0                | 0                      | 0         | 1         | 1            | 1            | 0                | 0                      | 0         | 0         |
| 20 - 24      | 5            | 4            | 1                | 0                      | 0         | 1         | 2            | 2            | 0                | 0                      | 0         | 0         |
| 25 - 29      | 7            | 7            | 0                | 0                      | 0         | 0         | 9            | 6            | 2                | 0                      | 1         | 1         |
| 30 - 34      | 7            | 6            | 0                | 1                      | 0         | 0         | 17           | 13           | 1                | 1                      | 2         | 2         |
| 35 - 39      | 20           | 18           | 1                | 0                      | 1         | 1         | 21           | 20           | 1                | 0                      | 0         | 0         |
| 40 - 44      | 32           | 28           | 1                | 2                      | 1         | 1         | 34           | 32           | 1                | 1                      | 0         | 0         |
| 45 - 49      | 54           | 51           | 3                | 0                      | 0         | 1         | 64           | 58           | 2                | 2                      | 2         | 2         |
| 50 - 54      | 106          | 100          | 4                | 1                      | 1         | 0         | 126          | 121          | 1                | 2                      | 2         | 5         |
| 55 - 59      | 271          | 257          | 12               | 1                      | 1         | 2         | 210          | 198          | 7                | 3                      | 2         | 2         |
| 60 - 64      | 392          | 380          | 10               | 1                      | 1         | 2         | 318          | 310          | 5                | 1                      | 2         | 6         |
| 65 - 69      | 482          | 462          | 13               | 6                      | 1         | 2         | 358          | 344          | 12               | 1                      | 1         | 1         |
| 70 - 74      | 481          | 461          | 12               | 4                      | 4         | 6         | 332          | 323          | 6                | 2                      | 1         | 0         |
| 75 - 79      | 474          | 466          | 5                | 0                      | 3         | 4         | 383          | 377          | 4                | 2                      | 0         | 1         |
| 80 - 84      | 476          | 468          | 3                | 2                      | 3         | 4         | 417          | 410          | 3                | 2                      | 2         | 1         |
| 85 - 89      | 354          | 348          | 3                | 1                      | 2         | 2         | 379          | 374          | 3                | 2                      | 0         | 2         |
| 90 - 94      | 184          | 182          | 1                | 0                      | 1         | 0         | 226          | 226          | 0                | 0                      | 0         | 2         |
| 95 - 99      | 44           | 44           | 0                | 0                      | 0         | 2         | 59           | 57           | 1                | 1                      | 0         | 0         |
| 100 +        | 6            | 6            | 0                | 0                      | 0         | 0         | 15           | 14           | 0                | 1                      | 0         | 0         |
| N.S.         | 0            | 0            | 0                | 0                      | 0         | 0         | 0            | 0            | 0                | 0                      | 0         | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 20**  
**MALE MALIGNANT NEOPLASM DEATHS BY 10 LEADING SITES, BY RACE, BY YEAR**  
**2014-2016 RESIDENT DATA**

|                                                                | 2016         |              |                  |           | 2015         |              |                  |           | 2014         |              |                  |           |
|----------------------------------------------------------------|--------------|--------------|------------------|-----------|--------------|--------------|------------------|-----------|--------------|--------------|------------------|-----------|
|                                                                | Total        | White        | African American | Other     | Total        | White        | African American | Other     | Total        | White        | African American | Other     |
| <b>Total</b>                                                   | <b>3,404</b> | <b>3,297</b> | <b>69</b>        | <b>38</b> | <b>3,311</b> | <b>3,239</b> | <b>41</b>        | <b>31</b> | <b>3,401</b> | <b>3,293</b> | <b>61</b>        | <b>47</b> |
| Trachea, Bronchus, and Lung                                    | 908          | 880          | 21               | 7         | 965          | 949          | 12               | 4         | 933          | 905          | 20               | 8         |
| Prostate                                                       | 344          | 335          | 7                | 2         | 310          | 308          | 1                | 1         | 313          | 303          | 8                | 2         |
| Small Intestine, Colon, Rectum and Anus                        | 301          | 288          | 10               | 3         | 267          | 262          | 2                | 3         | 318          | 307          | 4                | 7         |
| Pancreas                                                       | 248          | 242          | 5                | 1         | 221          | 211          | 6                | 4         | 214          | 209          | 3                | 2         |
| Urinary Tract                                                  | 227          | 222          | 3                | 2         | 260          | 257          | 2                | 1         | 233          | 223          | 3                | 7         |
| Leukemia *                                                     | 165          | 162          | 0                | 3         | 121          | 119          | 0                | 2         | 161          | 156          | 4                | 1         |
| Liver and Intrahepatic Bile Ducts                              | 140          | 128          | 6                | 6         | 141          | 130          | 7                | 4         | 140          | 128          | 4                | 8         |
| Esophagus                                                      | 137          | 137          | 0                | 0         | 136          | 130          | 2                | 4         | 165          | 162          | 1                | 2         |
| Non-Hodgkin's Lymphoma                                         | 134          | 132          | 2                | 0         | 137          | 135          | 2                | 0         | 140          | 136          | 3                | 1         |
| Brain and Other Parts of Nervous System                        | 104          | 101          | 1                | 2         | 104          | 101          | 2                | 1         | 96           | 94           | 0                | 2         |
| All Other Sites, Unspecified, Ill-Defined, and Secondary Sites | 696          | 670          | 14               | 12        | 649          | 637          | 5                | 7         | 688          | 670          | 11               | 7         |

\* Leukemia is included, although it is not a specific site.

**TABLE 21**  
**FEMALE MALIGNANT NEOPLASM DEATHS BY 10 LEADING SITES, BY RACE, BY YEAR**  
**2014-2016 RESIDENT DATA**

|                                                                | 2016         |              |                  |           | 2015         |              |                  |           | 2014         |              |                  |           |
|----------------------------------------------------------------|--------------|--------------|------------------|-----------|--------------|--------------|------------------|-----------|--------------|--------------|------------------|-----------|
|                                                                | Total        | White        | African American | Other     | Total        | White        | African American | Other     | Total        | White        | African American | Other     |
| <b>Total</b>                                                   | <b>2,973</b> | <b>2,887</b> | <b>50</b>        | <b>36</b> | <b>2,994</b> | <b>2,922</b> | <b>42</b>        | <b>30</b> | <b>3,046</b> | <b>2,947</b> | <b>59</b>        | <b>40</b> |
| Trachea, Bronchus, and Lung                                    | 749          | 726          | 14               | 9         | 768          | 751          | 10               | 7         | 731          | 708          | 12               | 11        |
| Breast                                                         | 410          | 398          | 6                | 6         | 381          | 367          | 7                | 7         | 396          | 382          | 8                | 6         |
| Small Intestine, Colon, Rectum and Anus                        | 295          | 290          | 2                | 3         | 314          | 307          | 6                | 1         | 312          | 303          | 6                | 3         |
| Pancreas                                                       | 219          | 215          | 3                | 1         | 201          | 197          | 3                | 1         | 224          | 216          | 5                | 3         |
| Ovary                                                          | 157          | 152          | 4                | 1         | 152          | 151          | 1                | 0         | 153          | 151          | 1                | 1         |
| Uterus                                                         | 120          | 112          | 5                | 3         | 151          | 144          | 3                | 4         | 125          | 122          | 2                | 1         |
| Leukemia *                                                     | 117          | 117          | 0                | 0         | 91           | 91           | 0                | 0         | 109          | 106          | 1                | 2         |
| Urinary Tract                                                  | 117          | 115          | 2                | 0         | 100          | 100          | 0                | 0         | 121          | 118          | 1                | 2         |
| Brain and Other Parts of Nervous System                        | 92           | 88           | 2                | 2         | 93           | 92           | 0                | 1         | 71           | 69           | 1                | 1         |
| Non-Hodgkin's Lymphoma                                         | 85           | 85           | 0                | 0         | 118          | 117          | 0                | 1         | 109          | 106          | 2                | 1         |
| All Other Sites, Unspecified, Ill-Defined, and Secondary Sites | 612          | 589          | 12               | 11        | 625          | 605          | 12               | 8         | 695          | 666          | 20               | 9         |

\* Leukemia is included, although it is not a specific site.

**TABLE 22**  
**CHRONIC LOWER RESPIRATORY DISEASE DEATHS BY RACE AND AGE**  
**2016 RESIDENT DATA**

| Age          | Total        |              |                  |                        |          |           |
|--------------|--------------|--------------|------------------|------------------------|----------|-----------|
|              | Total        | White        | African American | Asian/Pacific Islander | Other    | Hispanic* |
| <b>Total</b> | <b>1,986</b> | <b>1,940</b> | <b>34</b>        | <b>7</b>               | <b>5</b> | <b>5</b>  |
| < 1          | 0            | 0            | 0                | 0                      | 0        | 0         |
| 1 – 4        | 1            | 0            | 1                | 0                      | 0        | 0         |
| 5 – 9        | 0            | 0            | 0                | 0                      | 0        | 0         |
| 10 – 14      | 0            | 0            | 0                | 0                      | 0        | 0         |
| 15 – 19      | 0            | 0            | 0                | 0                      | 0        | 0         |
| 20 – 24      | 1            | 1            | 0                | 0                      | 0        | 0         |
| 25 – 29      | 1            | 1            | 0                | 0                      | 0        | 0         |
| 30 – 34      | 3            | 2            | 0                | 1                      | 0        | 0         |
| 35 – 39      | 4            | 2            | 2                | 0                      | 0        | 0         |
| 40 – 44      | 2            | 2            | 0                | 0                      | 0        | 0         |
| 45 – 49      | 7            | 5            | 2                | 0                      | 0        | 0         |
| 50 – 54      | 37           | 36           | 1                | 0                      | 0        | 0         |
| 55 – 59      | 85           | 82           | 3                | 0                      | 0        | 0         |
| 60 – 64      | 103          | 96           | 5                | 0                      | 2        | 0         |
| 65 – 69      | 179          | 172          | 4                | 1                      | 2        | 0         |
| 70 – 74      | 261          | 255          | 6                | 0                      | 0        | 0         |
| 75 – 79      | 319          | 314          | 5                | 0                      | 0        | 1         |
| 80 – 84      | 343          | 338          | 3                | 2                      | 0        | 0         |
| 85 – 89      | 345          | 339          | 2                | 3                      | 1        | 2         |
| 90 – 94      | 214          | 214          | 0                | 0                      | 0        | 2         |
| 95 – 99      | 69           | 69           | 0                | 0                      | 0        | 0         |
| 100 +        | 12           | 12           | 0                | 0                      | 0        | 0         |
| N.S.         | 0            | 0            | 0                | 0                      | 0        | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 22 A**  
**CHRONIC LOWER RESPIRATORY DISEASE DEATHS BY RACE AND AGE, BY GENDER**  
**2016 RESIDENT DATA**

| Age          | Male       |            |                  |                        |          |           | Female       |            |                  |                        |          |           |
|--------------|------------|------------|------------------|------------------------|----------|-----------|--------------|------------|------------------|------------------------|----------|-----------|
|              | Total      | White      | African American | Asian/Pacific Islander | Other    | Hispanic* | Total        | White      | African American | Asian/Pacific Islander | Other    | Hispanic* |
|              |            |            |                  |                        |          |           | Total        | White      | African American | Asian/Pacific Islander | Other    | Hispanic* |
| <b>Total</b> | <b>983</b> | <b>960</b> | <b>18</b>        | <b>4</b>               | <b>1</b> | <b>4</b>  | <b>1,003</b> | <b>980</b> | <b>16</b>        | <b>3</b>               | <b>4</b> | <b>1</b>  |
| < 1          | 0          | 0          | 0                | 0                      | 0        | 0         | 0            | 0          | 0                | 0                      | 0        | 0         |
| 1 – 4        | 1          | 0          | 1                | 0                      | 0        | 0         | 0            | 0          | 0                | 0                      | 0        | 0         |
| 5 – 9        | 0          | 0          | 0                | 0                      | 0        | 0         | 0            | 0          | 0                | 0                      | 0        | 0         |
| 10 – 14      | 0          | 0          | 0                | 0                      | 0        | 0         | 0            | 0          | 0                | 0                      | 0        | 0         |
| 15 – 19      | 0          | 0          | 0                | 0                      | 0        | 0         | 0            | 0          | 0                | 0                      | 0        | 0         |
| 20 – 24      | 1          | 1          | 0                | 0                      | 0        | 0         | 0            | 0          | 0                | 0                      | 0        | 0         |
| 25 – 29      | 1          | 1          | 0                | 0                      | 0        | 0         | 0            | 0          | 0                | 0                      | 0        | 0         |
| 30 – 34      | 2          | 1          | 0                | 1                      | 0        | 0         | 1            | 1          | 0                | 0                      | 0        | 0         |
| 35 – 39      | 2          | 1          | 1                | 0                      | 0        | 0         | 2            | 1          | 1                | 0                      | 0        | 0         |
| 40 – 44      | 0          | 0          | 0                | 0                      | 0        | 0         | 2            | 2          | 0                | 0                      | 0        | 0         |
| 45 – 49      | 4          | 3          | 1                | 0                      | 0        | 0         | 3            | 2          | 1                | 0                      | 0        | 0         |
| 50 – 54      | 18         | 17         | 1                | 0                      | 0        | 0         | 19           | 19         | 0                | 0                      | 0        | 0         |
| 55 – 59      | 34         | 34         | 0                | 0                      | 0        | 0         | 51           | 48         | 3                | 0                      | 0        | 0         |
| 60 – 64      | 46         | 44         | 2                | 0                      | 0        | 0         | 57           | 52         | 3                | 0                      | 2        | 0         |
| 65 – 69      | 101        | 98         | 2                | 1                      | 0        | 0         | 78           | 74         | 2                | 0                      | 2        | 0         |
| 70 – 74      | 142        | 136        | 6                | 0                      | 0        | 0         | 119          | 119        | 0                | 0                      | 0        | 0         |
| 75 – 79      | 155        | 153        | 2                | 0                      | 0        | 0         | 164          | 161        | 3                | 0                      | 0        | 1         |
| 80 – 84      | 173        | 172        | 1                | 0                      | 0        | 0         | 170          | 166        | 2                | 2                      | 0        | 0         |
| 85 – 89      | 162        | 158        | 1                | 2                      | 1        | 2         | 183          | 181        | 1                | 1                      | 0        | 0         |
| 90 – 94      | 112        | 112        | 0                | 0                      | 0        | 2         | 102          | 102        | 0                | 0                      | 0        | 0         |
| 95 – 99      | 27         | 27         | 0                | 0                      | 0        | 0         | 42           | 42         | 0                | 0                      | 0        | 0         |
| 100 +        | 2          | 2          | 0                | 0                      | 0        | 0         | 10           | 10         | 0                | 0                      | 0        | 0         |
| N.S.         | 0          | 0          | 0                | 0                      | 0        | 0         | 0            | 0          | 0                | 0                      | 0        | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 23**  
**CEREBROVASCULAR DISEASE DEATHS BY RACE AND AGE**  
**2016 RESIDENT DATA**

| Age          | Total        |              |                  |                        |          |           |
|--------------|--------------|--------------|------------------|------------------------|----------|-----------|
|              | Total        | White        | African American | Asian/Pacific Islander | Other    | Hispanic* |
| <b>Total</b> | <b>1,379</b> | <b>1,340</b> | <b>27</b>        | <b>9</b>               | <b>3</b> | <b>7</b>  |
| < 1          | 0            | 0            | 0                | 0                      | 0        | 0         |
| 1 - 4        | 0            | 0            | 0                | 0                      | 0        | 0         |
| 5 - 9        | 0            | 0            | 0                | 0                      | 0        | 0         |
| 10 - 14      | 0            | 0            | 0                | 0                      | 0        | 0         |
| 15 - 19      | 0            | 0            | 0                | 0                      | 0        | 0         |
| 20 - 24      | 0            | 0            | 0                | 0                      | 0        | 0         |
| 25 - 29      | 1            | 1            | 0                | 0                      | 0        | 0         |
| 30 - 34      | 6            | 5            | 0                | 1                      | 0        | 0         |
| 35 - 39      | 3            | 3            | 0                | 0                      | 0        | 1         |
| 40 - 44      | 8            | 4            | 3                | 1                      | 0        | 0         |
| 45 - 49      | 11           | 9            | 2                | 0                      | 0        | 0         |
| 50 - 54      | 28           | 26           | 0                | 1                      | 1        | 2         |
| 55 - 59      | 43           | 41           | 2                | 0                      | 0        | 0         |
| 60 - 64      | 47           | 44           | 2                | 1                      | 0        | 1         |
| 65 - 69      | 71           | 68           | 2                | 0                      | 1        | 0         |
| 70 - 74      | 96           | 93           | 3                | 0                      | 0        | 0         |
| 75 - 79      | 141          | 136          | 3                | 1                      | 1        | 1         |
| 80 - 84      | 202          | 194          | 7                | 1                      | 0        | 1         |
| 85 - 89      | 285          | 282          | 0                | 3                      | 0        | 1         |
| 90 - 94      | 265          | 263          | 2                | 0                      | 0        | 0         |
| 95 - 99      | 145          | 144          | 1                | 0                      | 0        | 0         |
| 100 +        | 27           | 27           | 0                | 0                      | 0        | 0         |
| N.S.         | 0            | 0            | 0                | 0                      | 0        | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 23 A**  
**CEREBROVASCULAR DISEASE DEATHS BY RACE AND AGE, BY GENDER**  
**2016 RESIDENT DATA**

| Age          | Male       |            |                  |                        |          |           | Female     |            |                  |                        |          |           |
|--------------|------------|------------|------------------|------------------------|----------|-----------|------------|------------|------------------|------------------------|----------|-----------|
|              | Total      | White      | African American | Asian/Pacific Islander | Other    | Hispanic* | Total      | White      | African American | Asian/Pacific Islander | Other    | Hispanic* |
|              |            |            |                  |                        |          |           |            |            |                  |                        |          |           |
| <b>Total</b> | <b>520</b> | <b>501</b> | <b>14</b>        | <b>3</b>               | <b>2</b> | <b>4</b>  | <b>859</b> | <b>839</b> | <b>13</b>        | <b>6</b>               | <b>1</b> | <b>3</b>  |
| < 1          | 0          | 0          | 0                | 0                      | 0        | 0         | 0          | 0          | 0                | 0                      | 0        | 0         |
| 1 - 4        | 0          | 0          | 0                | 0                      | 0        | 0         | 0          | 0          | 0                | 0                      | 0        | 0         |
| 5 - 9        | 0          | 0          | 0                | 0                      | 0        | 0         | 0          | 0          | 0                | 0                      | 0        | 0         |
| 10 - 14      | 0          | 0          | 0                | 0                      | 0        | 0         | 0          | 0          | 0                | 0                      | 0        | 0         |
| 15 - 19      | 0          | 0          | 0                | 0                      | 0        | 0         | 0          | 0          | 0                | 0                      | 0        | 0         |
| 20 - 24      | 0          | 0          | 0                | 0                      | 0        | 0         | 0          | 0          | 0                | 0                      | 0        | 0         |
| 25 - 29      | 0          | 0          | 0                | 0                      | 0        | 0         | 1          | 1          | 0                | 0                      | 0        | 0         |
| 30 - 34      | 3          | 2          | 0                | 1                      | 0        | 0         | 3          | 3          | 0                | 0                      | 0        | 0         |
| 35 - 39      | 3          | 3          | 0                | 0                      | 0        | 1         | 0          | 0          | 0                | 0                      | 0        | 0         |
| 40 - 44      | 2          | 1          | 1                | 0                      | 0        | 0         | 6          | 3          | 2                | 1                      | 0        | 0         |
| 45 - 49      | 5          | 4          | 1                | 0                      | 0        | 0         | 6          | 5          | 1                | 0                      | 0        | 0         |
| 50 - 54      | 15         | 14         | 0                | 0                      | 1        | 1         | 13         | 12         | 0                | 1                      | 0        | 1         |
| 55 - 59      | 24         | 23         | 1                | 0                      | 0        | 0         | 19         | 18         | 1                | 0                      | 0        | 0         |
| 60 - 64      | 31         | 30         | 1                | 0                      | 0        | 0         | 16         | 14         | 1                | 1                      | 0        | 1         |
| 65 - 69      | 40         | 38         | 2                | 0                      | 0        | 0         | 31         | 30         | 0                | 0                      | 1        | 0         |
| 70 - 74      | 53         | 52         | 1                | 0                      | 0        | 0         | 43         | 41         | 2                | 0                      | 0        | 0         |
| 75 - 79      | 57         | 54         | 1                | 1                      | 1        | 1         | 84         | 82         | 2                | 0                      | 0        | 0         |
| 80 - 84      | 81         | 75         | 5                | 1                      | 0        | 0         | 121        | 119        | 2                | 0                      | 0        | 1         |
| 85 - 89      | 100        | 100        | 0                | 0                      | 0        | 1         | 185        | 182        | 0                | 3                      | 0        | 0         |
| 90 - 94      | 72         | 72         | 0                | 0                      | 0        | 0         | 193        | 191        | 2                | 0                      | 0        | 0         |
| 95 - 99      | 30         | 29         | 1                | 0                      | 0        | 0         | 115        | 115        | 0                | 0                      | 0        | 0         |
| 100 +        | 4          | 4          | 0                | 0                      | 0        | 0         | 23         | 23         | 0                | 0                      | 0        | 0         |
| N.S.         | 0          | 0          | 0                | 0                      | 0        | 0         | 0          | 0          | 0                | 0                      | 0        | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 24**  
**SUICIDE DEATHS BY RACE AND AGE**  
**2016 RESIDENT DATA**

| Age          | Total      |            |                  |                        |          |           |
|--------------|------------|------------|------------------|------------------------|----------|-----------|
|              | Total      | White      | African American | Asian/Pacific Islander | Other    | Hispanic* |
| <b>Total</b> | <b>449</b> | <b>426</b> | <b>10</b>        | <b>9</b>               | <b>4</b> | <b>4</b>  |
| < 1          | 0          | 0          | 0                | 0                      | 0        | 0         |
| 1 – 4        | 0          | 0          | 0                | 0                      | 0        | 0         |
| 5 – 9        | 0          | 0          | 0                | 0                      | 0        | 0         |
| 10 – 14      | 4          | 3          | 1                | 0                      | 0        | 0         |
| 15 – 19      | 21         | 20         | 0                | 1                      | 0        | 0         |
| 20 – 24      | 41         | 33         | 2                | 4                      | 2        | 2         |
| 25 – 29      | 39         | 37         | 1                | 1                      | 0        | 0         |
| 30 – 34      | 43         | 40         | 3                | 0                      | 0        | 1         |
| 35 – 39      | 42         | 40         | 2                | 0                      | 0        | 0         |
| 40 – 44      | 32         | 30         | 1                | 1                      | 0        | 0         |
| 45 – 49      | 47         | 45         | 0                | 2                      | 0        | 0         |
| 50 – 54      | 53         | 52         | 0                | 0                      | 1        | 1         |
| 55 – 59      | 39         | 38         | 0                | 0                      | 1        | 0         |
| 60 – 64      | 27         | 27         | 0                | 0                      | 0        | 0         |
| 65 – 69      | 16         | 16         | 0                | 0                      | 0        | 0         |
| 70 – 74      | 15         | 15         | 0                | 0                      | 0        | 0         |
| 75 – 79      | 12         | 12         | 0                | 0                      | 0        | 0         |
| 80 – 84      | 9          | 9          | 0                | 0                      | 0        | 0         |
| 85 – 89      | 4          | 4          | 0                | 0                      | 0        | 0         |
| 90 – 94      | 5          | 5          | 0                | 0                      | 0        | 0         |
| 95 – 99      | 0          | 0          | 0                | 0                      | 0        | 0         |
| 100 +        | 0          | 0          | 0                | 0                      | 0        | 0         |
| N.S.         | 0          | 0          | 0                | 0                      | 0        | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 24 A**  
**SUICIDE DEATHS BY RACE AND AGE, BY GENDER**  
**2016 RESIDENT DATA**

| Age          | Male       |            |                  |                        |          |           | Female    |           |                  |                        |          |           |
|--------------|------------|------------|------------------|------------------------|----------|-----------|-----------|-----------|------------------|------------------------|----------|-----------|
|              | Total      | White      | African American | Asian/Pacific Islander | Other    | Hispanic* | Total     | White     | African American | Asian/Pacific Islander | Other    | Hispanic* |
|              |            |            |                  |                        |          |           | Total     | White     | African American | Asian/Pacific Islander | Other    | Hispanic* |
| <b>Total</b> | <b>372</b> | <b>357</b> | <b>7</b>         | <b>4</b>               | <b>4</b> | <b>4</b>  | <b>77</b> | <b>69</b> | <b>3</b>         | <b>5</b>               | <b>0</b> | <b>0</b>  |
| < 1          | 0          | 0          | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |
| 1 – 4        | 0          | 0          | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |
| 5 – 9        | 0          | 0          | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |
| 10 – 14      | 3          | 2          | 1                | 0                      | 0        | 0         | 1         | 1         | 0                | 0                      | 0        | 0         |
| 15 – 19      | 17         | 17         | 0                | 0                      | 0        | 0         | 4         | 3         | 0                | 1                      | 0        | 0         |
| 20 – 24      | 35         | 29         | 1                | 3                      | 2        | 2         | 6         | 4         | 1                | 1                      | 0        | 0         |
| 25 – 29      | 37         | 35         | 1                | 1                      | 0        | 0         | 2         | 2         | 0                | 0                      | 0        | 0         |
| 30 – 34      | 35         | 33         | 2                | 0                      | 0        | 1         | 8         | 7         | 1                | 0                      | 0        | 0         |
| 35 – 39      | 34         | 33         | 1                | 0                      | 0        | 0         | 8         | 7         | 1                | 0                      | 0        | 0         |
| 40 – 44      | 22         | 21         | 1                | 0                      | 0        | 0         | 10        | 9         | 0                | 1                      | 0        | 0         |
| 45 – 49      | 38         | 38         | 0                | 0                      | 0        | 0         | 9         | 7         | 0                | 2                      | 0        | 0         |
| 50 – 54      | 42         | 41         | 0                | 0                      | 1        | 1         | 11        | 11        | 0                | 0                      | 0        | 0         |
| 55 – 59      | 34         | 33         | 0                | 0                      | 1        | 0         | 5         | 5         | 0                | 0                      | 0        | 0         |
| 60 – 64      | 19         | 19         | 0                | 0                      | 0        | 0         | 8         | 8         | 0                | 0                      | 0        | 0         |
| 65 – 69      | 13         | 13         | 0                | 0                      | 0        | 0         | 3         | 3         | 0                | 0                      | 0        | 0         |
| 70 – 74      | 15         | 15         | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |
| 75 – 79      | 11         | 11         | 0                | 0                      | 0        | 0         | 1         | 1         | 0                | 0                      | 0        | 0         |
| 80 – 84      | 8          | 8          | 0                | 0                      | 0        | 0         | 1         | 1         | 0                | 0                      | 0        | 0         |
| 85 – 89      | 4          | 4          | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |
| 90 – 94      | 5          | 5          | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |
| 95 – 99      | 0          | 0          | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |
| 100 +        | 0          | 0          | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |
| N.S.         | 0          | 0          | 0                | 0                      | 0        | 0         | 0         | 0         | 0                | 0                      | 0        | 0         |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 25**  
**TEENAGE SUICIDE DEATHS AS A PERCENT OF TOTAL SUICIDE DEATHS, BY YEAR**  
**1990-2016 RESIDENT DATA**

| Year | Total  |         | 19 and Under |         | 15 – 19 |         | 10 – 14 |         | 5 – 9  |         |
|------|--------|---------|--------------|---------|---------|---------|---------|---------|--------|---------|
|      | Number | Percent | Number       | Percent | Number  | Percent | Number  | Percent | Number | Percent |
| 2016 | 449    | 100.0   | 25           | 5.6     | 21      | 4.7     | 4       | 0.9     | 0      | 0.0     |
| 2015 | 415    | 100.0   | 35           | 8.4     | 31      | 7.5     | 4       | 1.0     | 0      | 0.0     |
| 2014 | 401    | 100.0   | 23           | 5.7     | 18      | 4.5     | 5       | 1.2     | 0      | 0.0     |
| 2013 | 445    | 100.0   | 26           | 5.8     | 23      | 5.2     | 3       | 0.7     | 0      | 0.0     |
| 2012 | 381    | 100.0   | 32           | 8.4     | 25      | 6.6     | 7       | 1.8     | 0      | 0.0     |
| 2011 | 420    | 100.0   | 30           | 7.1     | 25      | 6.0     | 5       | 1.2     | 0      | 0.0     |
| 2010 | 369    | 100.0   | 28           | 7.6     | 25      | 6.8     | 3       | 0.8     | 0      | 0.0     |
| 2009 | 356    | 100.0   | 23           | 6.5     | 21      | 5.9     | 2       | 0.6     | 0      | 0.0     |
| 2008 | 376    | 100.0   | 29           | 7.7     | 28      | 7.4     | 1       | 0.3     | 0      | 0.0     |
| 2007 | 322    | 100.0   | 24           | 7.5     | 22      | 6.8     | 2       | 0.6     | 0      | 0.0     |
| 2006 | 330    | 100.0   | 31           | 9.4     | 28      | 8.5     | 3       | 0.9     | 0      | 0.0     |
| 2005 | 331    | 100.0   | 24           | 7.3     | 23      | 6.9     | 1       | 0.3     | 0      | 0.0     |
| 2004 | 339    | 100.0   | 24           | 7.1     | 22      | 6.5     | 2       | 0.6     | 0      | 0.0     |
| 2003 | 350    | 100.0   | 26           | 7.4     | 20      | 5.7     | 5       | 1.4     | 1      | 0.3     |
| 2002 | 312    | 100.0   | 19           | 6.1     | 18      | 5.8     | 1       | 0.3     | 0      | 0.0     |
| 2001 | 304    | 100.0   | 38           | 12.5    | 32      | 10.5    | 5       | 1.6     | 1      | 0.3     |
| 2000 | 286    | 100.0   | 29           | 10.1    | 26      | 9.1     | 3       | 1.0     | 0      | 0.0     |
| 1999 | 302    | 100.0   | 27           | 8.9     | 23      | 7.6     | 4       | 1.3     | 0      | 0.0     |
| 1998 | 328    | 100.0   | 25           | 7.6     | 22      | 6.7     | 3       | 0.9     | 0      | 0.0     |
| 1997 | 345    | 100.0   | 29           | 8.4     | 29      | 8.4     | 0       | 0.0     | 0      | 0.0     |
| 1996 | 321    | 100.0   | 27           | 8.4     | 25      | 7.8     | 2       | 0.6     | 0      | 0.0     |
| 1995 | 336    | 100.0   | 34           | 10.1    | 30      | 8.9     | 4       | 1.2     | 0      | 0.0     |
| 1994 | 322    | 100.0   | 41           | 12.7    | 38      | 11.8    | 3       | 0.9     | 0      | 0.0     |
| 1993 | 318    | 100.0   | 24           | 7.5     | 22      | 6.9     | 2       | 0.6     | 0      | 0.0     |
| 1992 | 287    | 100.0   | 24           | 8.4     | 20      | 7.0     | 3       | 1.0     | 1      | 0.3     |
| 1991 | 334    | 100.0   | 26           | 7.8     | 23      | 6.9     | 3       | 0.9     | 0      | 0.0     |
| 1990 | 336    | 100.0   | 27           | 8.0     | 24      | 7.1     | 3       | 0.9     | 0      | 0.0     |

**TABLE 26**  
**UNINTENTIONAL INJURY DEATHS BY TYPE OF INJURY BY AGE**  
**2016 OCCURRENCE DATA**

| Type of Injury                                | Total        | 0 - 4     | 5 - 14    | 15 - 24    | 25 - 44    | 45 - 64    | 65 - 74    | 75 +       | N.S.     |
|-----------------------------------------------|--------------|-----------|-----------|------------|------------|------------|------------|------------|----------|
| <b>Grand Total</b>                            | <b>1,570</b> | <b>22</b> | <b>31</b> | <b>135</b> | <b>302</b> | <b>335</b> | <b>149</b> | <b>596</b> | <b>0</b> |
| <b>Transport Total</b>                        | <b>451</b>   | <b>5</b>  | <b>22</b> | <b>88</b>  | <b>137</b> | <b>105</b> | <b>45</b>  | <b>49</b>  | <b>0</b> |
| <b>Motor Vehicle</b>                          | <b>429</b>   | <b>5</b>  | <b>21</b> | <b>85</b>  | <b>129</b> | <b>98</b>  | <b>44</b>  | <b>47</b>  | <b>0</b> |
| Injury to Pedestrian                          | <b>26</b>    | <b>2</b>  | <b>2</b>  | <b>4</b>   | <b>8</b>   | <b>3</b>   | <b>4</b>   | <b>3</b>   | <b>0</b> |
| Injury to Pedal Cyclist                       | <b>8</b>     | <b>0</b>  | <b>1</b>  | <b>0</b>   | <b>1</b>   | <b>2</b>   | <b>3</b>   | <b>1</b>   | <b>0</b> |
| Injury to Motorcyclist                        | <b>60</b>    | <b>0</b>  | <b>0</b>  | <b>11</b>  | <b>16</b>  | <b>29</b>  | <b>2</b>   | <b>2</b>   | <b>0</b> |
| Car Occupant                                  | <b>82</b>    | <b>0</b>  | <b>4</b>  | <b>17</b>  | <b>28</b>  | <b>14</b>  | <b>4</b>   | <b>15</b>  | <b>0</b> |
| Pick-up Truck or Van Occupant                 | <b>35</b>    | <b>0</b>  | <b>4</b>  | <b>7</b>   | <b>12</b>  | <b>8</b>   | <b>3</b>   | <b>1</b>   | <b>0</b> |
| Heavy Transport Vehicle Occupant              | <b>7</b>     | <b>0</b>  | <b>0</b>  | <b>1</b>   | <b>1</b>   | <b>4</b>   | <b>1</b>   | <b>0</b>   | <b>0</b> |
| Other and Unspecified                         | <b>211</b>   | <b>3</b>  | <b>10</b> | <b>45</b>  | <b>63</b>  | <b>38</b>  | <b>27</b>  | <b>25</b>  | <b>0</b> |
| <b>Railroad</b>                               | <b>4</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>3</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Injury to Pedestrian                          | <b>4</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>3</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Injury to Pedal Cyclist                       | <b>0</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Occupant of Railroad Train                    | <b>0</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Other                                         | <b>0</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| <b>Other Road Vehicle</b>                     | <b>7</b>     | <b>0</b>  | <b>1</b>  | <b>0</b>   | <b>0</b>   | <b>5</b>   | <b>0</b>   | <b>1</b>   | <b>0</b> |
| Injury to Pedestrian                          | <b>0</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Injury to Pedal Cyclist                       | <b>3</b>     | <b>0</b>  | <b>1</b>  | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Other                                         | <b>4</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>   | <b>3</b>   | <b>0</b>   | <b>1</b>   | <b>0</b> |
| <b>Water Transport</b>                        | <b>2</b>     | <b>0</b>  | <b>0</b>  | <b>1</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Drowning                                      | <b>2</b>     | <b>0</b>  | <b>0</b>  | <b>1</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Other and Unspecified                         | <b>0</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| <b>Air Transport</b>                          | <b>4</b>     | <b>0</b>  | <b>0</b>  | <b>2</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| <b>Other and Unspecified</b>                  | <b>5</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>3</b>   | <b>0</b>   | <b>1</b>   | <b>1</b>   | <b>0</b> |
| <b>Other Injuries</b>                         | <b>1,119</b> | <b>17</b> | <b>9</b>  | <b>47</b>  | <b>165</b> | <b>230</b> | <b>104</b> | <b>547</b> | <b>0</b> |
| Falls                                         | <b>556</b>   | <b>0</b>  | <b>0</b>  | <b>2</b>   | <b>11</b>  | <b>44</b>  | <b>64</b>  | <b>435</b> | <b>0</b> |
| Machinery                                     | <b>5</b>     | <b>0</b>  | <b>1</b>  | <b>0</b>   | <b>3</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b> |
| Firearms                                      | <b>9</b>     | <b>1</b>  | <b>3</b>  | <b>2</b>   | <b>0</b>   | <b>3</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Exposure to other Inanimate Mechanical Forces | <b>20</b>    | <b>1</b>  | <b>1</b>  | <b>1</b>   | <b>2</b>   | <b>5</b>   | <b>6</b>   | <b>4</b>   | <b>0</b> |
| Exposure to Animate Mechanical Forces         | <b>1</b>     | <b>0</b>  | <b>0</b>  | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Drowning                                      | <b>29</b>    | <b>5</b>  | <b>1</b>  | <b>8</b>   | <b>4</b>   | <b>8</b>   | <b>2</b>   | <b>1</b>   | <b>0</b> |
| Mechanical Suffocation                        | <b>22</b>    | <b>6</b>  | <b>0</b>  | <b>2</b>   | <b>7</b>   | <b>4</b>   | <b>0</b>   | <b>3</b>   | <b>0</b> |
| Choking                                       | <b>55</b>    | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>5</b>   | <b>10</b>  | <b>9</b>   | <b>31</b>  | <b>0</b> |
| Electric Current                              | <b>0</b>     | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b> |
| Excessive Natural Heat or Cold                | <b>9</b>     | <b>0</b>  | <b>0</b>  | <b>1</b>   | <b>2</b>   | <b>2</b>   | <b>0</b>   | <b>4</b>   | <b>0</b> |
| Fires                                         | <b>45</b>    | <b>4</b>  | <b>3</b>  | <b>3</b>   | <b>5</b>   | <b>14</b>  | <b>8</b>   | <b>8</b>   | <b>0</b> |
| Poisoning                                     | <b>285</b>   | <b>0</b>  | <b>0</b>  | <b>26</b>  | <b>121</b> | <b>125</b> | <b>9</b>   | <b>4</b>   | <b>0</b> |
| Other                                         | <b>83</b>    | <b>0</b>  | <b>0</b>  | <b>1</b>   | <b>5</b>   | <b>15</b>  | <b>6</b>   | <b>56</b>  | <b>0</b> |

**TABLE 27**  
**TOTAL FETAL DEATHS, BY AGE AND RACE OF MOTHER**  
**2016 RESIDENT DATA**

| Age            | Total      | White      | African American | Asian/Pacific Islander | Other    | Hispanic* |
|----------------|------------|------------|------------------|------------------------|----------|-----------|
| <b>Total</b>   | <b>177</b> | <b>139</b> | <b>22</b>        | <b>10</b>              | <b>6</b> | <b>14</b> |
| < 15           | 0          | 0          | 0                | 0                      | 0        | 0         |
| 15             | 0          | 0          | 0                | 0                      | 0        | 0         |
| 16             | 1          | 1          | 0                | 0                      | 0        | 1         |
| 17             | 0          | 0          | 0                | 0                      | 0        | 0         |
| 18             | 4          | 4          | 0                | 0                      | 0        | 2         |
| 19             | 7          | 5          | 0                | 1                      | 1        | 1         |
| <b>15 – 19</b> | <b>12</b>  | <b>10</b>  | <b>0</b>         | <b>1</b>               | <b>1</b> | <b>4</b>  |
| 20             | 3          | 2          | 1                | 0                      | 0        | 1         |
| 21             | 7          | 4          | 1                | 1                      | 1        | 1         |
| 22             | 11         | 9          | 2                | 0                      | 0        | 1         |
| 23             | 14         | 11         | 2                | 1                      | 0        | 0         |
| 24             | 8          | 6          | 2                | 0                      | 0        | 0         |
| <b>20 – 24</b> | <b>43</b>  | <b>32</b>  | <b>8</b>         | <b>2</b>               | <b>1</b> | <b>3</b>  |
| 25             | 10         | 8          | 1                | 1                      | 0        | 0         |
| 26             | 10         | 9          | 1                | 0                      | 0        | 1         |
| 27             | 11         | 9          | 2                | 0                      | 0        | 0         |
| 28             | 10         | 4          | 3                | 2                      | 1        | 1         |
| 29             | 10         | 9          | 0                | 1                      | 0        | 1         |
| <b>25 – 29</b> | <b>51</b>  | <b>39</b>  | <b>7</b>         | <b>4</b>               | <b>1</b> | <b>3</b>  |
| 30             | 6          | 4          | 1                | 1                      | 0        | 0         |
| 31             | 15         | 11         | 1                | 1                      | 2        | 1         |
| 32             | 5          | 4          | 1                | 0                      | 0        | 0         |
| 33             | 11         | 10         | 1                | 0                      | 0        | 0         |
| 34             | 6          | 6          | 0                | 0                      | 0        | 0         |
| <b>30 – 34</b> | <b>43</b>  | <b>35</b>  | <b>4</b>         | <b>2</b>               | <b>2</b> | <b>1</b>  |
| 35             | 4          | 3          | 0                | 1                      | 0        | 0         |
| 36             | 5          | 4          | 1                | 0                      | 0        | 1         |
| 37             | 5          | 5          | 0                | 0                      | 0        | 1         |
| 38             | 3          | 2          | 1                | 0                      | 0        | 0         |
| 39             | 3          | 2          | 1                | 0                      | 0        | 0         |
| <b>35 – 39</b> | <b>20</b>  | <b>16</b>  | <b>3</b>         | <b>1</b>               | <b>0</b> | <b>2</b>  |
| 40             | 3          | 3          | 0                | 0                      | 0        | 0         |
| 41             | 1          | 1          | 0                | 0                      | 0        | 0         |
| 42             | 1          | 0          | 0                | 0                      | 1        | 1         |
| 43             | 1          | 1          | 0                | 0                      | 0        | 0         |
| 44             | 0          | 0          | 0                | 0                      | 0        | 0         |
| <b>40 – 44</b> | <b>6</b>   | <b>5</b>   | <b>0</b>         | <b>0</b>               | <b>1</b> | <b>1</b>  |
| <b>45 +</b>    | <b>1</b>   | <b>1</b>   | <b>0</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  |
| <b>N.S.</b>    | <b>1</b>   | <b>1</b>   | <b>0</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 27 A**  
**IN-WEDLOCK AND OUT-OF-WEDLOCK FETAL DEATHS, BY AGE AND RACE OF MOTHER**  
**2016 RESIDENT DATA**

| Age            | <u>In-Wedlock Fetal Deaths</u> |           |                  |                        |          |           | <u>Out-of-Wedlock Fetal Deaths</u> |           |                  |                        |          |           |
|----------------|--------------------------------|-----------|------------------|------------------------|----------|-----------|------------------------------------|-----------|------------------|------------------------|----------|-----------|
|                | Total                          | White     | African American | Asian/Pacific Islander | Other    | Hispanic* | Total                              | White     | African American | Asian/Pacific Islander | Other    | Hispanic* |
| <b>Total</b>   | <b>97</b>                      | <b>83</b> | <b>8</b>         | <b>3</b>               | <b>3</b> | <b>4</b>  | <b>80</b>                          | <b>56</b> | <b>14</b>        | <b>7</b>               | <b>3</b> | <b>10</b> |
| < 15           | 0                              | 0         | 0                | 0                      | 0        | 0         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| 15             | 0                              | 0         | 0                | 0                      | 0        | 0         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| 16             | 0                              | 0         | 0                | 0                      | 0        | 0         | 1                                  | 1         | 0                | 0                      | 0        | 1         |
| 17             | 0                              | 0         | 0                | 0                      | 0        | 0         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| 18             | 1                              | 1         | 0                | 0                      | 0        | 0         | 3                                  | 3         | 0                | 0                      | 0        | 2         |
| 19             | 0                              | 0         | 0                | 0                      | 0        | 0         | 7                                  | 5         | 0                | 1                      | 1        | 1         |
| <b>15 – 19</b> | <b>1</b>                       | <b>1</b>  | <b>0</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  | <b>11</b>                          | <b>9</b>  | <b>0</b>         | <b>1</b>               | <b>1</b> | <b>4</b>  |
| 20             | 0                              | 0         | 0                | 0                      | 0        | 0         | 3                                  | 2         | 1                | 0                      | 0        | 1         |
| 21             | 2                              | 0         | 0                | 1                      | 1        | 1         | 5                                  | 4         | 1                | 0                      | 0        | 0         |
| 22             | 3                              | 2         | 1                | 0                      | 0        | 0         | 8                                  | 7         | 1                | 0                      | 0        | 1         |
| 23             | 9                              | 8         | 1                | 0                      | 0        | 0         | 5                                  | 3         | 1                | 1                      | 0        | 0         |
| 24             | 0                              | 0         | 0                | 0                      | 0        | 0         | 8                                  | 6         | 2                | 0                      | 0        | 0         |
| <b>20 – 24</b> | <b>14</b>                      | <b>10</b> | <b>2</b>         | <b>1</b>               | <b>1</b> | <b>1</b>  | <b>29</b>                          | <b>22</b> | <b>6</b>         | <b>1</b>               | <b>0</b> | <b>2</b>  |
| 25             | 4                              | 4         | 0                | 0                      | 0        | 0         | 6                                  | 4         | 1                | 1                      | 0        | 0         |
| 26             | 7                              | 6         | 1                | 0                      | 0        | 0         | 3                                  | 3         | 0                | 0                      | 0        | 1         |
| 27             | 8                              | 8         | 0                | 0                      | 0        | 0         | 3                                  | 1         | 2                | 0                      | 0        | 0         |
| 28             | 4                              | 2         | 0                | 1                      | 1        | 1         | 6                                  | 2         | 3                | 1                      | 0        | 0         |
| 29             | 7                              | 7         | 0                | 0                      | 0        | 0         | 3                                  | 2         | 0                | 1                      | 0        | 1         |
| <b>25 – 29</b> | <b>30</b>                      | <b>27</b> | <b>1</b>         | <b>1</b>               | <b>1</b> | <b>1</b>  | <b>21</b>                          | <b>12</b> | <b>6</b>         | <b>3</b>               | <b>0</b> | <b>2</b>  |
| 30             | 4                              | 3         | 1                | 0                      | 0        | 0         | 2                                  | 1         | 0                | 1                      | 0        | 0         |
| 31             | 11                             | 10        | 1                | 0                      | 0        | 0         | 4                                  | 1         | 0                | 1                      | 2        | 1         |
| 32             | 4                              | 4         | 0                | 0                      | 0        | 0         | 1                                  | 0         | 1                | 0                      | 0        | 0         |
| 33             | 8                              | 7         | 1                | 0                      | 0        | 0         | 3                                  | 3         | 0                | 0                      | 0        | 0         |
| 34             | 2                              | 2         | 0                | 0                      | 0        | 0         | 4                                  | 4         | 0                | 0                      | 0        | 0         |
| <b>30 – 34</b> | <b>29</b>                      | <b>26</b> | <b>3</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  | <b>14</b>                          | <b>9</b>  | <b>1</b>         | <b>2</b>               | <b>2</b> | <b>1</b>  |
| 35             | 4                              | 3         | 0                | 1                      | 0        | 0         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| 36             | 4                              | 3         | 1                | 0                      | 0        | 0         | 1                                  | 1         | 0                | 0                      | 0        | 1         |
| 37             | 5                              | 5         | 0                | 0                      | 0        | 1         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| 38             | 1                              | 1         | 0                | 0                      | 0        | 0         | 2                                  | 1         | 1                | 0                      | 0        | 0         |
| 39             | 3                              | 2         | 1                | 0                      | 0        | 0         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| <b>35 – 39</b> | <b>17</b>                      | <b>14</b> | <b>2</b>         | <b>1</b>               | <b>0</b> | <b>1</b>  | <b>3</b>                           | <b>2</b>  | <b>1</b>         | <b>0</b>               | <b>0</b> | <b>1</b>  |
| 40             | 3                              | 3         | 0                | 0                      | 0        | 0         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| 41             | 0                              | 0         | 0                | 0                      | 0        | 0         | 1                                  | 1         | 0                | 0                      | 0        | 0         |
| 42             | 1                              | 0         | 0                | 0                      | 1        | 1         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| 43             | 1                              | 1         | 0                | 0                      | 0        | 0         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| 44             | 0                              | 0         | 0                | 0                      | 0        | 0         | 0                                  | 0         | 0                | 0                      | 0        | 0         |
| <b>40 – 44</b> | <b>5</b>                       | <b>4</b>  | <b>0</b>         | <b>0</b>               | <b>1</b> | <b>1</b>  | <b>1</b>                           | <b>1</b>  | <b>0</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  |
| <b>45 +</b>    | <b>1</b>                       | <b>1</b>  | <b>0</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  | <b>0</b>                           | <b>0</b>  | <b>0</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  |
| <b>N.S.</b>    | <b>0</b>                       | <b>0</b>  | <b>0</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  | <b>1</b>                           | <b>1</b>  | <b>0</b>         | <b>0</b>               | <b>0</b> | <b>0</b>  |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 28**  
**FETAL DEATH BY CAUSE**  
**2016 RESIDENT DATA**

| <b>Cause of Death</b>                                                               | <b>Total</b>  |             | <b>Hispanic*</b> |             |
|-------------------------------------------------------------------------------------|---------------|-------------|------------------|-------------|
|                                                                                     | <b>Number</b> | <b>Rate</b> | <b>Number</b>    | <b>Rate</b> |
| <b>All Causes</b>                                                                   | <b>177</b>    | <b>4.5</b>  | <b>14</b>        | <b>4.2</b>  |
| <b>Maternal Conditions Which May be Unrelated to Present Pregnancy</b>              | <b>8</b>      | <b>0.2</b>  | <b>0</b>         | <b>0.0</b>  |
| Hypertensive Disorders                                                              | 2             |             | 0                |             |
| Renal and Urinary Tract Diseases                                                    | 0             |             | 0                |             |
| Infectious and Parasitic Diseases                                                   | 2             |             | 0                |             |
| Other Chronic Circulatory and Respiratory Diseases                                  | 0             |             | 0                |             |
| Injury                                                                              | 2             |             | 0                |             |
| Other & Unspecified Maternal Conditions Which May Be Unrelated to Present Pregnancy | 2             |             | 0                |             |
| <b>Maternal Complications of Pregnancy</b>                                          | <b>19</b>     | <b>0.5</b>  | <b>1</b>         | <b>0.3</b>  |
| Premature Rupture of Membranes                                                      | 11            |             | 0                |             |
| Ectopic Pregnancy                                                                   | 0             |             | 0                |             |
| Multiple Pregnancy                                                                  | 4             |             | 0                |             |
| Termination of Pregnancy                                                            | 0             |             | 0                |             |
| Other & Unspecified Maternal Complications of Pregnancy                             | 4             |             | 1                |             |
| <b>Complications of Placenta, Cord, and Membranes</b>                               | <b>56</b>     | <b>1.4</b>  | <b>1</b>         | <b>0.3</b>  |
| Placenta Previa                                                                     | 0             |             | 0                |             |
| Other Forms of Placental Separation and Hemorrhage                                  | 16            |             | 0                |             |
| Other Abnormalities of Placenta                                                     | 4             |             | 0                |             |
| Placental Transfusion Syndromes                                                     | 5             |             | 0                |             |
| Prolapsed Cord                                                                      | 2             |             | 0                |             |
| Other Compression of Umbilical Cord                                                 | 24            |             | 1                |             |
| Other Conditions of Placenta, Cord, and Membranes                                   | 5             |             | 0                |             |
| <b>Complications of Labor and Delivery</b>                                          | <b>1</b>      | <b>0.0</b>  | <b>0</b>         | <b>0.0</b>  |
| Breech Delivery and Extraction                                                      | 0             |             | 0                |             |
| Other Malpresentation, Malposition, and Disproportion                               | 0             |             | 0                |             |
| Forceps Delivery                                                                    | 0             |             | 0                |             |
| Caesarean Delivery                                                                  | 0             |             | 0                |             |
| Birth Trauma                                                                        | 0             |             | 0                |             |
| Other & Unspecified Complications of Labor and Delivery                             | 1             |             | 0                |             |
| <b>Congenital Anomalies</b>                                                         | <b>17</b>     | <b>0.4</b>  | <b>2</b>         | <b>0.6</b>  |
| Central Nervous System                                                              | 2             |             | 1                |             |
| Circulatory System                                                                  | 5             |             | 0                |             |
| Other & Unspecified Congenital Anomalies                                            | 10            |             | 1                |             |
| <b>Fetal Conditions, Diseases, and Disorders</b>                                    | <b>68</b>     | <b>1.7</b>  | <b>10</b>        | <b>3.0</b>  |
| Immaturity                                                                          | 6             |             | 0                |             |
| Asphyxia and Anoxia                                                                 | 0             |             | 0                |             |
| Other Respiratory Conditions                                                        | 0             |             | 0                |             |
| Infections Specific to Perinatal Period                                             | 0             |             | 0                |             |
| Hemorrhage                                                                          | 0             |             | 0                |             |
| Homolytic Disease                                                                   | 0             |             | 0                |             |
| Other Jaundice                                                                      | 0             |             | 0                |             |
| Endocrine and Metabolic Disturbances                                                | 5             |             | 1                |             |
| Hematological Disorders                                                             | 0             |             | 0                |             |
| Disorders of Digestive System                                                       | 0             |             | 0                |             |
| Other & Ill-Defined Conditions, Diseases, and Disorders                             | 57            |             | 9                |             |
| <b>Other Causes Usually Classified Elsewhere</b>                                    | <b>8</b>      | <b>0.2</b>  | <b>0</b>         | <b>0.0</b>  |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

Race-specific rates per 1,000 live births

**TABLE 28 A**  
**FETAL DEATH BY CAUSE, BY RACE OF MOTHER**  
**2016 RESIDENT DATA**

| Cause of Death                                                                      | White      |            | African American |            | Asian/Pacific Islander |            | Other    |            |
|-------------------------------------------------------------------------------------|------------|------------|------------------|------------|------------------------|------------|----------|------------|
|                                                                                     | Number     | Rate       | Number           | Rate       | Number                 | Rate       | Number   | Rate       |
| <b>All Causes</b>                                                                   | <b>139</b> | <b>4.1</b> | <b>22</b>        | <b>9.2</b> | <b>10</b>              | <b>7.2</b> | <b>6</b> | <b>3.2</b> |
| <b>Maternal Conditions Which May be Unrelated to Present Pregnancy</b>              | 7          | 0.2        | 1                | 0.4        | 0                      | 0.0        | 0        | 0.0        |
| Hypertensive Disorders                                                              | 1          |            | 1                |            | 0                      |            | 0        |            |
| Renal and Urinary Tract Diseases                                                    | 0          |            | 0                |            | 0                      |            | 0        |            |
| Infectious and Parasitic Diseases                                                   | 2          |            | 0                |            | 0                      |            | 0        |            |
| Other Chronic Circulatory and Respiratory Diseases                                  | 0          |            | 0                |            | 0                      |            | 0        |            |
| Injury                                                                              | 2          |            | 0                |            | 0                      |            | 0        |            |
| Other & Unspecified Maternal Conditions Which May Be Unrelated to Present Pregnancy | 2          |            | 0                |            | 0                      |            | 0        |            |
| <b>Maternal Complications of Pregnancy</b>                                          | <b>12</b>  | <b>0.4</b> | <b>4</b>         | <b>1.7</b> | <b>2</b>               | <b>1.4</b> | <b>1</b> | <b>0.5</b> |
| Premature Rupture of Membranes                                                      | 7          |            | 3                |            | 1                      |            | 0        |            |
| Ectopic Pregnancy                                                                   | 0          |            | 0                |            | 0                      |            | 0        |            |
| Multiple Pregnancy                                                                  | 3          |            | 1                |            | 0                      |            | 0        |            |
| Termination of Pregnancy                                                            | 0          |            | 0                |            | 0                      |            | 0        |            |
| Other & Unspecified Maternal Complications of Pregnancy                             | 2          |            | 0                |            | 1                      |            | 1        |            |
| <b>Complications of Placenta, Cord, and Membranes</b>                               | <b>44</b>  | <b>1.3</b> | <b>7</b>         | <b>2.9</b> | <b>4</b>               | <b>2.9</b> | <b>1</b> | <b>0.5</b> |
| Placenta Previa                                                                     | 0          |            | 0                |            | 0                      |            | 0        |            |
| Other Forms of Placental Separation and Hemorrhage                                  | 11         |            | 3                |            | 2                      |            | 0        |            |
| Other Abnormalities of Placenta                                                     | 2          |            | 2                |            | 0                      |            | 0        |            |
| Placental Transfusion Syndromes                                                     | 5          |            | 0                |            | 0                      |            | 0        |            |
| Prolapsed Cord                                                                      | 2          |            | 0                |            | 0                      |            | 0        |            |
| Other Compression of Umbilical Cord                                                 | 20         |            | 2                |            | 1                      |            | 1        |            |
| Other Conditions of Placenta, Cord, and Membranes                                   | 4          |            | 0                |            | 1                      |            | 0        |            |
| <b>Complications of Labor and Delivery</b>                                          | <b>1</b>   | <b>0.0</b> | <b>0</b>         | <b>0.0</b> | <b>0</b>               | <b>0.0</b> | <b>0</b> | <b>0.0</b> |
| Breech Delivery and Extraction                                                      | 0          |            | 0                |            | 0                      |            | 0        |            |
| Other Malpresentation, Malposition, and Disproportion                               | 0          |            | 0                |            | 0                      |            | 0        |            |
| Forceps Delivery                                                                    | 0          |            | 0                |            | 0                      |            | 0        |            |
| Caesarean Delivery                                                                  | 0          |            | 0                |            | 0                      |            | 0        |            |
| Birth Trauma                                                                        | 0          |            | 0                |            | 0                      |            | 0        |            |
| Other & Unspecified Complications of Labor and Delivery                             | 1          |            | 0                |            | 0                      |            | 0        |            |
| <b>Congenital Anomalies</b>                                                         | <b>16</b>  | <b>0.5</b> | <b>0</b>         | <b>0.0</b> | <b>0</b>               | <b>0.0</b> | <b>1</b> | <b>0.5</b> |
| Central Nervous System                                                              | 2          |            | 0                |            | 0                      |            | 0        |            |
| Circulatory System                                                                  | 5          |            | 0                |            | 0                      |            | 0        |            |
| Other & Unspecified Congenital Anomalies                                            | 9          |            | 0                |            | 0                      |            | 1        |            |
| <b>Fetal Conditions, Diseases, and Disorders</b>                                    | <b>53</b>  | <b>1.6</b> | <b>9</b>         | <b>3.8</b> | <b>3</b>               | <b>2.2</b> | <b>3</b> | <b>1.6</b> |
| Immaturity                                                                          | 5          |            | 1                |            | 0                      |            | 0        |            |
| Asphyxia and Anoxia                                                                 | 0          |            | 0                |            | 0                      |            | 0        |            |
| Other Respiratory Conditions                                                        | 0          |            | 0                |            | 0                      |            | 0        |            |
| Infections Specific to Perinatal Period                                             | 0          |            | 0                |            | 0                      |            | 0        |            |
| Hemorrhage                                                                          | 0          |            | 0                |            | 0                      |            | 0        |            |
| Homolytic Disease                                                                   | 0          |            | 0                |            | 0                      |            | 0        |            |
| Other Jaundice                                                                      | 0          |            | 0                |            | 0                      |            | 0        |            |
| Endocrine and Metabolic Disturbances                                                | 3          |            | 1                |            | 0                      |            | 1        |            |
| Hematological Disorders                                                             | 0          |            | 0                |            | 0                      |            | 0        |            |
| Disorders of Digestive System                                                       | 0          |            | 0                |            | 0                      |            | 0        |            |
| Other & Ill-Defined Conditions, Diseases, and Disorders                             | 45         |            | 7                |            | 3                      |            | 2        |            |
| <b>Other Causes Usually Classified Elsewhere</b>                                    | <b>6</b>   | <b>0.2</b> | <b>1</b>         | <b>0.4</b> | <b>1</b>               | <b>0.7</b> | <b>0</b> | <b>0.0</b> |

**TABLE 29**  
**INFANT DEATHS BY CAUSE**  
**2016 RESIDENT DATA**

| Cause of Death                                                                                           | Total      |            | Hispanic* |            |
|----------------------------------------------------------------------------------------------------------|------------|------------|-----------|------------|
|                                                                                                          | Number     | Rate       | Number    | Rate       |
| <b>All Causes</b>                                                                                        | <b>240</b> | <b>6.1</b> | <b>27</b> | <b>7.9</b> |
| Certain Intestinal Infections                                                                            | 1          | 0.0        | 0         | 0.0        |
| Septicemia                                                                                               | 2          | 0.1        | 1         | 0.3        |
| Other Infective and Parasitic Diseases                                                                   | 3          | 0.1        | 0         | 0.0        |
| Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                          | 1          | 0.0        | 0         | 0.0        |
| Cystic Fibrosis                                                                                          | 0          | 0.0        | 0         | 0.0        |
| Diseases of the Blood and Blood-Forming Organs                                                           | 0          | 0.0        | 0         | 0.0        |
| Meningitis                                                                                               | 0          | 0.0        | 0         | 0.0        |
| Other Diseases of Nervous System and Sense Organs                                                        | 2          | 0.1        | 0         | 0.0        |
| Diseases of the Circulatory System                                                                       | 5          | 0.1        | 0         | 0.0        |
| Acute Upper Respiratory Infections                                                                       | 1          | 0.0        | 0         | 0.0        |
| Bronchitis and Bronchiolitis                                                                             | 0          | 0.0        | 0         | 0.0        |
| Influenza                                                                                                | 0          | 0.0        | 0         | 0.0        |
| Pneumonia                                                                                                | 3          | 0.1        | 1         | 0.3        |
| Pulmonary Fibrosis                                                                                       | 0          | 0.0        | 0         | 0.0        |
| All Other Diseases of Respiratory System                                                                 | 3          | 0.1        | 1         | 0.3        |
| Hernia of the Abdominal Cavity and Intestinal Obstruction Without Hernia                                 | 0          | 0.0        | 0         | 0.0        |
| Other Diseases of Digestive System                                                                       | 2          | 0.1        | 0         | 0.0        |
| Congenital Malformations, Deformations, and Chromosomal Abnormalities                                    | 56         | 1.4        | 8         | 2.4        |
| Anencephalus and Similar Anomalies                                                                       | 3          |            | 2         |            |
| Spina Bifida                                                                                             | 0          |            | 0         |            |
| Congenital Hydrocephalus                                                                                 | 0          |            | 0         |            |
| Other Congenital Anomalies of Central Nervous System and Eye                                             | 2          |            | 0         |            |
| Congenital Anomalies of Heart                                                                            | 14         |            | 0         |            |
| Other Congenital Anomalies of Circulatory System                                                         | 4          |            | 0         |            |
| Congenital Anomalies of Respiratory System                                                               | 6          |            | 2         |            |
| Congenital Anomalies of Digestive System                                                                 | 1          |            | 0         |            |
| Congenital Anomalies of Genitourinary System                                                             | 9          |            | 0         |            |
| Congenital Anomalies of Musculoskeletal System                                                           | 4          |            | 1         |            |
| Down's Syndrome                                                                                          | 1          |            | 1         |            |
| Other Chromosomal Anomalies                                                                              | 7          |            | 1         |            |
| Other and Unspecified Congenital Anomalies                                                               | 5          |            | 1         |            |
| <b>Certain Conditions Originating in the Perinatal Period</b>                                            | <b>104</b> | <b>2.7</b> | <b>15</b> | <b>4.4</b> |
| Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy                      | 3          |            | 0         |            |
| Hypertensive Disorders                                                                                   | 1          |            | 0         |            |
| Renal and Urinary Tract Diseases                                                                         | 0          |            | 0         |            |
| Infectious and Parasitic Diseases                                                                        | 1          |            | 0         |            |
| Other Chronic Circulatory and Respiratory Diseases                                                       | 0          |            | 0         |            |
| All Other Maternal Conditions Which May Be Unrelated to Present Pregnancy                                | 1          |            | 0         |            |
| Newborn Affected by Maternal Complications of Pregnancy                                                  | 10         |            | 0         |            |
| Newborn Affected by Complications of Placenta, Cord, and Membranes                                       | 8          |            | 0         |            |
| Newborn Affected by Other Complications of Labor and Delivery                                            | 1          |            | 0         |            |
| Slow Fetal Growth and Fetal Malnutrition                                                                 | 1          |            | 0         |            |
| Disorders Relating to Short Gestation and Unspecified Low Birthweight                                    | 30         |            | 10        |            |
| Disorders Relating to Long Gestation and High Birthweight                                                | 0          |            | 0         |            |
| Birth Trauma                                                                                             | 0          |            | 0         |            |
| Intrauterine Hypoxia and Birth Asphyxia                                                                  | 6          |            | 0         |            |
| Respiratory Distress Syndrome                                                                            | 8          |            | 0         |            |
| Other Respiratory Conditions of Newborn                                                                  | 4          |            | 3         |            |
| Infections Specific to the Perinatal Period                                                              | 11         |            | 0         |            |
| Neonatal Hemorrhage                                                                                      | 8          |            | 1         |            |
| Hemolytic Disease of Newborn Due to Isoimmunization                                                      | 0          |            | 0         |            |
| Other Perinatal Jaundice                                                                                 | 0          |            | 0         |            |
| Syndrome of Infant of a Diabetic Mother and Neonatal Diabetes Mellitus                                   | 0          |            | 0         |            |
| Hemorrhagic Disease of Newborn                                                                           | 0          |            | 0         |            |
| All Other and Ill-Defined Condition Originating in the Perinatal Period                                  | 14         |            | 1         |            |
| <b>Sudden Infant Death Syndrome</b>                                                                      | <b>31</b>  | <b>0.8</b> | <b>0</b>  | <b>0.0</b> |
| <b>Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified</b>                                   | <b>6</b>   | <b>0.2</b> | <b>0</b>  | <b>0.0</b> |
| <b>Unintentional Injuries</b>                                                                            | <b>6</b>   | <b>0.2</b> | <b>1</b>  | <b>0.3</b> |
| Inhalation and Ingestion of Food or Other Object Causing Obstruction of Respiratory Tract or Suffocation | 0          |            | 0         |            |
| Unintentional Mechanical Suffocation                                                                     | 6          |            | 1         |            |
| Other Unintentional Injuries                                                                             | 0          |            | 0         |            |
| <b>Homicide</b>                                                                                          | <b>4</b>   | <b>0.1</b> | <b>0</b>  | <b>0.0</b> |
| <b>All Other Causes</b>                                                                                  | <b>10</b>  | <b>0.3</b> | <b>0</b>  | <b>0.0</b> |

\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.  
 Race-Specific Rates per 1,000 Live Births.

**TABLE 29 A**  
**INFANT DEATHS BY CAUSE, BY RACE OF MOTHER**  
**2016 RESIDENT DATA**

| Cause of Death                                                                                           | White      |            | African American |             | Asian/Pacific Islander |            | Other    |            |
|----------------------------------------------------------------------------------------------------------|------------|------------|------------------|-------------|------------------------|------------|----------|------------|
|                                                                                                          | Number     | Rate       | Number           | Rate        | Number                 | Rate       | Number   | Rate       |
| <b>All Causes</b>                                                                                        | <b>184</b> | <b>5.5</b> | <b>38</b>        | <b>14.2</b> | <b>9</b>               | <b>6.4</b> | <b>9</b> | <b>5.5</b> |
| Certain Intestinal Infections                                                                            | 1          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Septicemia                                                                                               | 2          | 0.1        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Other Infective and Parasitic Diseases                                                                   | 2          | 0.1        | 1                | 0.4         | 0                      | 0.0        | 0        | 0.0        |
| Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues                          | 1          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Cystic Fibrosis                                                                                          | 0          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Diseases of the Blood and Blood-Forming Organs                                                           | 0          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Meningitis                                                                                               | 0          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Other Diseases of Nervous System and Sense Organs                                                        | 1          | 0.0        | 1                | 0.4         | 0                      | 0.0        | 0        | 0.0        |
| Diseases of the Circulatory System                                                                       | 4          | 0.1        | 1                | 0.4         | 0                      | 0.0        | 0        | 0.0        |
| Acute Upper Respiratory Infections                                                                       | 1          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Bronchitis and Bronchiolitis                                                                             | 0          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Influenza                                                                                                | 0          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Pneumonia                                                                                                | 2          | 0.1        | 1                | 0.4         | 0                      | 0.0        | 0        | 0.0        |
| Pulmonary Fibrosis                                                                                       | 0          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| All Other Diseases of Respiratory System                                                                 | 2          | 0.1        | 0                | 0.0         | 0                      | 0.0        | 1        | 0.6        |
| Hernia of the Abdominal Cavity and Intestinal Obstruction Without Hernia                                 | 0          | 0.0        | 0                | 0.0         | 0                      | 0.0        | 0        | 0.0        |
| Other Diseases of Digestive System                                                                       | 1          | 0.0        | 1                | 0.4         | 0                      | 0.0        | 0        | 0.0        |
| Congenital Malformations, Deformations, and Chromosomal Abnormalities                                    | 42         | 1.3        | 7                | 2.6         | 2                      | 1.4        | 5        | 3.1        |
| Anencephalus and Similar Anomalies                                                                       | 1          | 0          | 0                | 0           | 0                      | 0          | 2        | 0          |
| Spina Bifida                                                                                             | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Congenital Hydrocephalus                                                                                 | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Other Congenital Anomalies of Central Nervous System and Eye                                             | 2          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Congenital Anomalies of Heart                                                                            | 11         | 2          | 0                | 0           | 0                      | 0          | 1        | 0          |
| Other Congenital Anomalies of Circulatory System                                                         | 3          | 0          | 1                | 0           | 0                      | 0          | 0        | 0          |
| Congenital Anomalies of Respiratory System                                                               | 5          | 0          | 0                | 0           | 0                      | 0          | 1        | 0          |
| Congenital Anomalies of Digestive System                                                                 | 1          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Congenital Anomalies of Genitourinary System                                                             | 7          | 1          | 1                | 0           | 0                      | 0          | 0        | 0          |
| Congenital Anomalies of Musculoskeletal System                                                           | 1          | 2          | 0                | 0           | 0                      | 0          | 1        | 0          |
| Down's Syndrome                                                                                          | 1          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Other Chromosomal Anomalies                                                                              | 6          | 1          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Other and Unspecified Congenital Anomalies                                                               | 4          | 1          | 0                | 0           | 0                      | 0          | 0        | 0          |
| <b>Certain Conditions Originating in the Perinatal Period</b>                                            | <b>84</b>  | <b>2.5</b> | <b>13</b>        | <b>4.8</b>  | <b>5</b>               | <b>3.6</b> | <b>2</b> | <b>1.2</b> |
| Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy                      | 2          | 1          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Pregnancy                                                                                                | 0          | 0          | 1                | 0           | 0                      | 0          | 0        | 0          |
| Hypertensive Disorders                                                                                   | 0          | 0          | 1                | 0           | 0                      | 0          | 0        | 0          |
| Renal and Urinary Tract Diseases                                                                         | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Infectious and Parasitic Diseases                                                                        | 1          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Other Chronic Circulatory and Respiratory Diseases                                                       | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| All Other Maternal Conditions Which May Be Unrelated to Present Pregnancy                                | 1          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Newborn Affected by Maternal Complications of Pregnancy                                                  | 8          | 1          | 1                | 0           | 0                      | 0          | 0        | 0          |
| Newborn Affected by Complications of Placenta, Cord, and Membranes                                       | 4          | 2          | 2                | 0           | 0                      | 0          | 0        | 0          |
| Newborn Affected by Other Complications of Labor and Delivery                                            | 0          | 0          | 0                | 0           | 1                      | 0          | 0        | 0          |
| Slow Fetal Growth and Fetal Malnutrition                                                                 | 1          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Disorders Relating to Short Gestation and Unspecified Low Birthweight                                    | 27         | 2          | 1                | 0           | 0                      | 0          | 0        | 0          |
| Disorders Relating to Long Gestation and High Birthweight                                                | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Birth Trauma                                                                                             | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Intrauterine Hypoxia and Birth Asphyxia                                                                  | 6          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Respiratory Distress Syndrome                                                                            | 7          | 1          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Other Respiratory Conditions of Newborn                                                                  | 4          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Infections Specific to the Perinatal Period                                                              | 8          | 3          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Neonatal Hemorrhage                                                                                      | 5          | 1          | 0                | 0           | 0                      | 0          | 2        | 0          |
| Hemolytic Disease of Newborn Due to Isoimmunization                                                      | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Other Perinatal Jaundice                                                                                 | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Syndrome of Infant of a Diabetic Mother and Neonatal Diabetes Mellitus                                   | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Hemorrhagic Disease of Newborn                                                                           | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| All Other and Ill-Defined Condition Originating in the Perinatal Period                                  | 12         | 2          | 0                | 0           | 0                      | 0          | 0        | 0          |
| <b>Sudden Infant Death Syndrome</b>                                                                      | <b>23</b>  | <b>0.7</b> | <b>7</b>         | <b>2.6</b>  | <b>1</b>               | <b>0.7</b> | <b>0</b> | <b>0.0</b> |
| <b>Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified</b>                                   | <b>4</b>   | <b>0.1</b> | <b>2</b>         | <b>0.7</b>  | <b>0</b>               | <b>0.0</b> | <b>0</b> | <b>0.0</b> |
| <b>Unintentional Injuries</b>                                                                            | <b>3</b>   | <b>0.1</b> | <b>2</b>         | <b>0.7</b>  | <b>0</b>               | <b>0.0</b> | <b>1</b> | <b>0.6</b> |
| Inhalation and Ingestion of Food or Other Object Causing Obstruction of Respiratory Tract or Suffocation | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| Unintentional Mechanical Suffocation                                                                     | 3          | 2          | 0                | 0           | 0                      | 0          | 1        | 0          |
| Other Unintentional Injuries                                                                             | 0          | 0          | 0                | 0           | 0                      | 0          | 0        | 0          |
| <b>Homicide</b>                                                                                          | <b>3</b>   | <b>0.1</b> | <b>1</b>         | <b>0.4</b>  | <b>0</b>               | <b>0.0</b> | <b>0</b> | <b>0.0</b> |
| <b>All Other Causes</b>                                                                                  | <b>8</b>   | <b>0.2</b> | <b>1</b>         | <b>0.4</b>  | <b>1</b>               | <b>0.7</b> | <b>0</b> | <b>0.0</b> |

**TABLE 30**  
**INFANT DEATHS BY CAUSE AND GENDER, BY SUBDIVISION OF THE FIRST YEAR**  
**2016 RESIDENT DATA**

| Cause                                                                                 | Gender       | Under 1 Day |            | Under 1 Week |            | Under 1 Month* |            | Under 1 Year |            |
|---------------------------------------------------------------------------------------|--------------|-------------|------------|--------------|------------|----------------|------------|--------------|------------|
|                                                                                       |              | Total       | Hispanic** | Total        | Hispanic** | Total          | Hispanic** | Total        | Hispanic** |
| <b>Total</b>                                                                          | <b>Total</b> | <b>84</b>   | <b>16</b>  | <b>116</b>   | <b>18</b>  | <b>148</b>     | <b>19</b>  | <b>240</b>   | <b>27</b>  |
|                                                                                       | Male         | 39          | 8          | 54           | 9          | 67             | 9          | 122          | 14         |
|                                                                                       | Female       | 45          | 8          | 62           | 9          | 81             | 10         | 118          | 13         |
| <b>Infectious and Parasitic Diseases</b>                                              | Total        | 0           | 0          | 0            | 0          | 0              | 0          | 6            | 1          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 2            | 0          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 0              | 0          | 4            | 1          |
| <b>Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissue</b> | Total        | 0           | 0          | 0            | 0          | 0              | 0          | 1            | 0          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 1            | 0          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 0              | 0          | 0            | 0          |
| <b>Endocrine, Nutritional, and Metabolic Diseases</b>                                 | Total        | 0           | 0          | 1            | 0          | 1              | 0          | 2            | 0          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 1            | 0          |
|                                                                                       | Female       | 0           | 0          | 1            | 0          | 1              | 0          | 1            | 0          |
| <b>Diseases of the Blood and Blood-Forming Organs</b>                                 | Total        | 0           | 0          | 0            | 0          | 0              | 0          | 0            | 0          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 0            | 0          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 0              | 0          | 0            | 0          |
| <b>Diseases of the Nervous System and Sense Organs</b>                                | Total        | 0           | 0          | 0            | 0          | 0              | 0          | 2            | 0          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 0            | 0          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 0              | 0          | 2            | 0          |
| <b>Diseases of the Circulatory System</b>                                             | Total        | 0           | 0          | 0            | 0          | 0              | 0          | 5            | 0          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 4            | 0          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 0              | 0          | 1            | 0          |
| <b>Diseases of the Respiratory System</b>                                             | Total        | 0           | 0          | 0            | 0          | 0              | 0          | 7            | 2          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 7            | 2          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 0              | 0          | 0            | 0          |
| <b>Diseases of the Digestive System</b>                                               | Total        | 0           | 0          | 0            | 0          | 0              | 0          | 2            | 0          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 0            | 0          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 0              | 0          | 2            | 0          |
| <b>Congenital Anomalies</b>                                                           | Total        | 22          | 4          | 30           | 4          | 37             | 4          | 56           | 8          |
|                                                                                       | Male         | 10          | 2          | 12           | 2          | 15             | 2          | 25           | 4          |
|                                                                                       | Female       | 12          | 2          | 18           | 2          | 22             | 2          | 31           | 4          |
| <b>Certain Conditions Originating in the Perinatal Period</b>                         | Total        | 59          | 12         | 82           | 14         | 104            | 15         | 104          | 15         |
|                                                                                       | Male         | 27          | 6          | 40           | 7          | 50             | 7          | 50           | 7          |
|                                                                                       | Female       | 32          | 6          | 42           | 7          | 54             | 8          | 54           | 8          |
| <b>Sudden Infant Death Syndrome</b>                                                   | Total        | 0           | 0          | 0            | 0          | 2              | 0          | 31           | 0          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 18           | 0          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 2              | 0          | 13           | 0          |
| <b>Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified</b>                | Total        | 0           | 0          | 0            | 0          | 0              | 0          | 6            | 0          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 4            | 0          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 0              | 0          | 2            | 0          |
| <b>Unintentional Injuries, and Violence</b>                                           | Total        | 0           | 0          | 0            | 0          | 1              | 0          | 13           | 1          |
|                                                                                       | Male         | 0           | 0          | 0            | 0          | 0              | 0          | 7            | 1          |
|                                                                                       | Female       | 0           | 0          | 0            | 0          | 1              | 0          | 6            | 0          |
| <b>All Other Causes</b>                                                               | Total        | 3           | 0          | 3            | 0          | 3              | 0          | 5            | 0          |
|                                                                                       | Male         | 2           | 0          | 2            | 0          | 2              | 0          | 3            | 0          |
|                                                                                       | Female       | 1           | 0          | 1            | 0          | 1              | 0          | 2            | 0          |

\* Under 28 days.

\*\* Those of Hispanic ethnicity may be of any race and are included in the counts of death by race.

**TABLE 30 A**  
**INFANT DEATHS BY CAUSE, GENDER, AND RACE, BY SUBDIVISION OF THE FIRST YEAR**  
**2016 RESIDENT DATA**

| Cause                                                                                 | Gender       | <u>Under 1 Day</u> |                  |                        |          | <u>Under 1 Week</u> |                  |                        |          |
|---------------------------------------------------------------------------------------|--------------|--------------------|------------------|------------------------|----------|---------------------|------------------|------------------------|----------|
|                                                                                       |              | White              | African American | Asian/Pacific Islander | Other    | White               | African American | Asian/Pacific Islander | Other    |
| <b>Total</b>                                                                          | <b>Total</b> | <b>66</b>          | <b>9</b>         | <b>5</b>               | <b>4</b> | <b>93</b>           | <b>10</b>        | <b>7</b>               | <b>6</b> |
|                                                                                       | Male         | 34                 | 1                | 2                      | 2        | 46                  | 1                | 4                      | 3        |
|                                                                                       | Female       | 32                 | 8                | 3                      | 2        | 47                  | 9                | 3                      | 3        |
| <b>Infectious and Parasitic Diseases</b>                                              | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissue</b> | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Endocrine, Nutritional, and Metabolic Diseases</b>                                 | Total        | 0                  | 0                | 0                      | 0        | 1                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 1                   | 0                | 0                      | 0        |
| <b>Diseases of the Blood and Blood-Forming Organs</b>                                 | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Diseases of the Nervous System and Sense Organs</b>                                | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Diseases of the Circulatory System</b>                                             | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Diseases of the Respiratory System</b>                                             | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Diseases of the Digestive System</b>                                               | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Congenital Anomalies</b>                                                           | Total        | 16                 | 1                | 1                      | 4        | 22                  | 2                | 2                      | 4        |
|                                                                                       | Male         | 8                  | 0                | 0                      | 2        | 9                   | 0                | 1                      | 2        |
|                                                                                       | Female       | 8                  | 1                | 1                      | 2        | 13                  | 2                | 1                      | 2        |
| <b>Certain Conditions Originating in the Perinatal Period</b>                         | Total        | 47                 | 8                | 4                      | 0        | 67                  | 8                | 5                      | 2        |
|                                                                                       | Male         | 24                 | 1                | 2                      | 0        | 35                  | 1                | 3                      | 1        |
|                                                                                       | Female       | 23                 | 7                | 2                      | 0        | 32                  | 7                | 2                      | 1        |
| <b>Sudden Infant Death Syndrome</b>                                                   | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified</b>                | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Unintentional Injuries, and Violence</b>                                           | Total        | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                  | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>All Other Causes</b>                                                               | Total        | 3                  | 0                | 0                      | 0        | 3                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 2                  | 0                | 0                      | 0        | 2                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 1                  | 0                | 0                      | 0        | 1                   | 0                | 0                      | 0        |

**TABLE 30 B**  
**INFANT DEATHS BY CAUSE, GENDER, AND RACE, BY SUBDIVISION OF THE FIRST YEAR**  
**2016 RESIDENT DATA**

| Cause                                                                                 | Gender       | <u>Under 1 Month*</u> |                  |                        |          | <u>Under 1 Year</u> |                  |                        |          |
|---------------------------------------------------------------------------------------|--------------|-----------------------|------------------|------------------------|----------|---------------------|------------------|------------------------|----------|
|                                                                                       |              | White                 | African American | Asian/Pacific Islander | Other    | White               | African American | Asian/Pacific Islander | Other    |
| <b>Total</b>                                                                          | <b>Total</b> | <b>117</b>            | <b>18</b>        | <b>7</b>               | <b>6</b> | <b>184</b>          | <b>38</b>        | <b>9</b>               | <b>9</b> |
|                                                                                       | Male         | 58                    | 2                | 4                      | 3        | 97                  | 15               | 4                      | 6        |
|                                                                                       | Female       | 59                    | 16               | 3                      | 3        | 87                  | 23               | 5                      | 3        |
| <b>Infectious and Parasitic Diseases</b>                                              | Total        | 0                     | 0                | 0                      | 0        | 5                   | 1                | 0                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 1                   | 1                | 0                      | 0        |
|                                                                                       | Female       | 0                     | 0                | 0                      | 0        | 4                   | 0                | 0                      | 0        |
| <b>Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissue</b> | Total        | 0                     | 0                | 0                      | 0        | 1                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 1                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                     | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Endocrine, Nutritional, and Metabolic Diseases</b>                                 | Total        | 1                     | 0                | 0                      | 0        | 2                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 1                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 1                     | 0                | 0                      | 0        | 1                   | 0                | 0                      | 0        |
| <b>Diseases of the Blood and Blood-Forming Organs</b>                                 | Total        | 0                     | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                     | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Diseases of the Nervous System and Sense Organs</b>                                | Total        | 0                     | 0                | 0                      | 0        | 1                   | 1                | 0                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                     | 0                | 0                      | 0        | 1                   | 1                | 0                      | 0        |
| <b>Diseases of the Circulatory System</b>                                             | Total        | 0                     | 0                | 0                      | 0        | 4                   | 1                | 0                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 3                   | 1                | 0                      | 0        |
|                                                                                       | Female       | 0                     | 0                | 0                      | 0        | 1                   | 0                | 0                      | 0        |
| <b>Diseases of the Respiratory System</b>                                             | Total        | 0                     | 0                | 0                      | 0        | 5                   | 1                | 0                      | 1        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 5                   | 1                | 0                      | 1        |
|                                                                                       | Female       | 0                     | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
| <b>Diseases of the Digestive System</b>                                               | Total        | 0                     | 0                | 0                      | 0        | 1                   | 1                | 0                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 0                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 0                     | 0                | 0                      | 0        | 1                   | 1                | 0                      | 0        |
| <b>Congenital Anomalies</b>                                                           | Total        | 27                    | 4                | 2                      | 4        | 42                  | 7                | 2                      | 5        |
|                                                                                       | Male         | 12                    | 0                | 1                      | 2        | 19                  | 2                | 1                      | 3        |
|                                                                                       | Female       | 15                    | 4                | 1                      | 2        | 23                  | 5                | 1                      | 2        |
| <b>Certain Conditions Originating in the Perinatal Period</b>                         | Total        | 84                    | 13               | 5                      | 2        | 84                  | 13               | 5                      | 2        |
|                                                                                       | Male         | 44                    | 2                | 3                      | 1        | 44                  | 2                | 3                      | 1        |
|                                                                                       | Female       | 40                    | 11               | 2                      | 1        | 40                  | 11               | 2                      | 1        |
| <b>Sudden Infant Death Syndrome</b>                                                   | Total        | 2                     | 0                | 0                      | 0        | 23                  | 7                | 1                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 13                  | 5                | 0                      | 0        |
|                                                                                       | Female       | 2                     | 0                | 0                      | 0        | 10                  | 2                | 1                      | 0        |
| <b>Symptoms, Signs and Abnormal Findings, Not Elsewhere Classified</b>                | Total        | 0                     | 0                | 0                      | 0        | 4                   | 2                | 0                      | 0        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 2                   | 2                | 0                      | 0        |
|                                                                                       | Female       | 0                     | 0                | 0                      | 0        | 2                   | 0                | 0                      | 0        |
| <b>Unintentional Injuries, and Violence</b>                                           | Total        | 0                     | 1                | 0                      | 0        | 8                   | 4                | 0                      | 1        |
|                                                                                       | Male         | 0                     | 0                | 0                      | 0        | 5                   | 1                | 0                      | 1        |
|                                                                                       | Female       | 0                     | 1                | 0                      | 0        | 3                   | 3                | 0                      | 0        |
| <b>All Other Causes</b>                                                               | Total        | 3                     | 0                | 0                      | 0        | 4                   | 0                | 1                      | 0        |
|                                                                                       | Male         | 2                     | 0                | 0                      | 0        | 3                   | 0                | 0                      | 0        |
|                                                                                       | Female       | 1                     | 0                | 0                      | 0        | 1                   | 0                | 1                      | 0        |

\* Under 28 days.

**TABLE 31**  
**INFANT DEATHS BY YEAR, BY SUBDIVISION OF THE FIRST YEAR OF LIFE\***  
**1960-2016 RESIDENT DATA**

| Year | <u>Under 1 Day</u> |      | <u>Under 1 Week</u> |      | <u>Under 1 Month**</u> |      | <u>Under 1 Year</u> |      |
|------|--------------------|------|---------------------|------|------------------------|------|---------------------|------|
|      | Number             | Rate | Number              | Rate | Number                 | Rate | Number              | Rate |
| 2016 | 84                 | 2.1  | 32                  | 0.8  | 32                     | 0.8  | 92                  | 2.3  |
| 2015 | 41                 | 1.0  | 26                  | 0.7  | 22                     | 0.6  | 59                  | 1.5  |
| 2014 | 76                 | 1.9  | 24                  | 0.6  | 23                     | 0.6  | 68                  | 1.7  |
| 2013 | 64                 | 1.6  | 26                  | 0.7  | 15                     | 0.4  | 57                  | 1.5  |
| 2012 | 70                 | 1.8  | 27                  | 0.7  | 29                     | 0.7  | 79                  | 2.0  |
| 2011 | 78                 | 2.1  | 14                  | 0.4  | 19                     | 0.5  | 70                  | 1.8  |
| 2010 | 59                 | 1.5  | 20                  | 0.5  | 22                     | 0.6  | 86                  | 2.2  |
| 2009 | 69                 | 1.7  | 20                  | 0.5  | 17                     | 0.4  | 74                  | 1.9  |
| 2008 | 92                 | 2.3  | 28                  | 0.7  | 20                     | 0.5  | 86                  | 2.1  |
| 2007 | 73                 | 1.8  | 30                  | 0.7  | 31                     | 0.8  | 90                  | 2.2  |
| 2006 | 75                 | 1.8  | 25                  | 0.6  | 32                     | 0.8  | 76                  | 1.9  |
| 2005 | 79                 | 2.0  | 32                  | 0.8  | 24                     | 0.6  | 74                  | 1.9  |
| 2004 | 70                 | 1.8  | 28                  | 0.7  | 24                     | 0.6  | 72                  | 1.9  |
| 2003 | 81                 | 2.1  | 25                  | 0.7  | 29                     | 0.8  | 81                  | 2.1  |
| 2002 | 86                 | 2.3  | 32                  | 0.9  | 15                     | 0.4  | 65                  | 1.7  |
| 2001 | 73                 | 1.9  | 24                  | 0.6  | 32                     | 0.9  | 82                  | 2.2  |
| 2000 | 99                 | 2.6  | 28                  | 0.7  | 31                     | 0.8  | 83                  | 2.2  |
| 1999 | 75                 | 2.0  | 24                  | 0.6  | 27                     | 0.7  | 87                  | 2.3  |
| 1998 | 96                 | 2.6  | 33                  | 0.9  | 40                     | 1.1  | 74                  | 2.2  |
| 1997 | 78                 | 2.1  | 37                  | 1.0  | 33                     | 0.9  | 81                  | 2.2  |
| 1996 | 103                | 2.8  | 40                  | 1.1  | 39                     | 1.1  | 77                  | 2.1  |
| 1995 | 127                | 3.5  | 34                  | 0.9  | 31                     | 0.8  | 108                 | 2.9  |
| 1994 | 86                 | 2.3  | 40                  | 1.1  | 34                     | 0.9  | 113                 | 3.1  |
| 1993 | 104                | 2.8  | 34                  | 0.9  | 17                     | 0.5  | 106                 | 2.8  |
| 1992 | 91                 | 2.4  | 51                  | 1.3  | 36                     | 0.9  | 129                 | 3.4  |
| 1991 | 94                 | 2.4  | 44                  | 1.1  | 33                     | 0.8  | 141                 | 3.6  |
| 1990 | 106                | 2.7  | 39                  | 1.0  | 38                     | 1.0  | 134                 | 3.4  |
| 1989 | 129                | 3.3  | 50                  | 1.3  | 35                     | 0.9  | 107                 | 2.7  |
| 1988 | 128                | 3.4  | 38                  | 1.0  | 40                     | 1.1  | 124                 | 3.3  |
| 1987 | 128                | 3.4  | 49                  | 1.3  | 31                     | 0.8  | 135                 | 3.6  |
| 1986 | 128                | 3.3  | 50                  | 1.3  | 37                     | 1.0  | 112                 | 2.9  |
| 1985 | 140                | 3.4  | 61                  | 1.5  | 41                     | 1.0  | 147                 | 3.6  |
| 1984 | 144                | 3.4  | 68                  | 1.6  | 39                     | 0.9  | 125                 | 3.0  |
| 1983 | 131                | 3.0  | 76                  | 1.8  | 36                     | 0.8  | 142                 | 3.3  |
| 1982 | 147                | 3.3  | 84                  | 1.9  | 48                     | 1.1  | 174                 | 3.9  |
| 1981 | 150                | 3.3  | 105                 | 2.3  | 41                     | 0.9  | 160                 | 3.5  |
| 1980 | 204                | 4.3  | 117                 | 2.4  | 58                     | 1.2  | 186                 | 3.9  |
| 1979 | 172                | 3.7  | 109                 | 2.3  | 58                     | 1.2  | 157                 | 3.4  |
| 1978 | 220                | 4.9  | 126                 | 2.8  | 48                     | 1.1  | 165                 | 3.7  |
| 1977 | 199                | 4.4  | 160                 | 3.6  | 72                     | 1.6  | 125                 | 2.8  |
| 1976 | 237                | 5.7  | 159                 | 3.8  | 62                     | 1.5  | 139                 | 3.3  |
| 1975 | 199                | 4.8  | 164                 | 4.0  | 71                     | 1.7  | 122                 | 2.9  |
| 1974 | 251                | 6.2  | 137                 | 3.4  | 55                     | 1.4  | 130                 | 3.2  |
| 1973 | 276                | 7.1  | 142                 | 3.6  | 55                     | 1.4  | 147                 | 3.8  |
| 1972 | 363                | 8.9  | 156                 | 3.8  | 59                     | 1.4  | 153                 | 3.7  |
| 1971 | 380                | 8.4  | 182                 | 4.0  | 58                     | 1.3  | 171                 | 3.8  |
| 1970 | 449                | 9.3  | 223                 | 4.6  | 61                     | 1.3  | 175                 | 3.6  |
| 1969 | 426                | 9.0  | 201                 | 4.2  | 79                     | 1.7  | 188                 | 4.0  |
| 1968 | 473                | 10.1 | 198                 | 4.2  | 50                     | 1.1  | 173                 | 3.7  |
| 1967 | 434                | 9.2  | 223                 | 4.7  | 70                     | 1.5  | 181                 | 3.8  |
| 1966 | 442                | 9.1  | 246                 | 5.0  | 57                     | 1.2  | 204                 | 4.2  |
| 1965 | 488                | 9.6  | 244                 | 4.8  | 53                     | 1.0  | 263                 | 5.2  |
| 1964 | 526                | 9.5  | 273                 | 4.9  | 85                     | 1.5  | 294                 | 5.3  |
| 1963 | 531                | 9.2  | 275                 | 4.8  | 81                     | 1.4  | 302                 | 5.2  |
| 1962 | 512                | 8.4  | 305                 | 5.0  | 98                     | 1.6  | 290                 | 4.8  |
| 1961 | 575                | 9.1  | 310                 | 4.9  | 101                    | 1.6  | 318                 | 5.0  |
| 1960 | 631                | 9.9  | 337                 | 5.3  | 100                    | 1.6  | 331                 | 5.2  |

\* Sub divisions are mutually exclusive.

\*\* Under 28 days.

Rates per 1,000 live births.

**TABLE 32**  
**MARRIAGES BY AGE, PERCENT DISTRIBUTION, BY YEAR**  
**2011-2016 OCCURRENCE DATA**

| Ages              | 2016          |              |               |              | 2015          |              |               |              | 2014          |              |               |              |
|-------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|
|                   | Party A       |              | Party B       |              | Party A       |              | Party B       |              | Party A       |              | Party B       |              |
|                   | Number        | Percent      |
| <b>Total</b>      | <b>19,277</b> | <b>100.0</b> | <b>19,277</b> | <b>100.0</b> | <b>19,540</b> | <b>100.0</b> | <b>19,540</b> | <b>100.0</b> | <b>21,327</b> | <b>100.0</b> | <b>21,327</b> | <b>100.0</b> |
| <b>16 – 19</b>    | 315           | 1.6          | 374           | 1.9          | 300           | 1.5          | 403           | 2.1          | 254           | 1.2          | 560           | 2.6          |
| <b>20 – 24</b>    | 4,049         | 21.0         | 4,270         | 22.2         | 4,092         | 20.9         | 4,292         | 22.0         | 3,829         | 18.0         | 5,349         | 25.1         |
| <b>25 – 29</b>    | 5,606         | 29.1         | 5,502         | 28.5         | 5,685         | 29.1         | 5,528         | 28.3         | 5,851         | 27.4         | 5,869         | 27.5         |
| <b>30 – 34</b>    | 3,142         | 16.3         | 3,080         | 16.0         | 3,166         | 16.2         | 3,179         | 16.3         | 3,756         | 17.6         | 3,035         | 14.2         |
| <b>35 – 39</b>    | 1,778         | 9.2          | 1,768         | 9.2          | 1,842         | 9.4          | 1,840         | 9.4          | 2,115         | 9.9          | 1,840         | 8.6          |
| <b>40 – 44</b>    | 1,228         | 6.4          | 1,262         | 6.5          | 1,285         | 6.6          | 1,270         | 6.5          | 1,563         | 7.3          | 1,342         | 6.3          |
| <b>45 – 49</b>    | 955           | 5.0          | 1,013         | 5.3          | 962           | 4.9          | 1,026         | 5.3          | 1,206         | 5.7          | 1,146         | 5.4          |
| <b>50 +</b>       | 2,200         | 11.4         | 2,005         | 10.4         | 2,208         | 11.3         | 2,002         | 10.2         | 2,753         | 12.9         | 2,186         | 10.2         |
| <b>Not Stated</b> | 4             | 0.0          | 3             | 0.0          | 0             | 0.0          | 0             | 0.0          | 0             | 0.0          | 0             | 0.0          |

| Ages              | 2013          |              |               |              | 2012          |              |               |              | 2011          |              |               |              |
|-------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|
|                   | Party A       |              | Party B       |              | Party A       |              | Party B       |              | Party A       |              | Party B       |              |
|                   | Number        | Percent      |
| <b>Total</b>      | <b>22,841</b> | <b>100.0</b> | <b>22,841</b> | <b>100.0</b> | <b>20,986</b> | <b>100.0</b> | <b>20,986</b> | <b>100.0</b> | <b>20,567</b> | <b>100.0</b> | <b>20,567</b> | <b>100.0</b> |
| <b>16 – 19</b>    | 254           | 1.1          | 620           | 2.7          | 290           | 1.4          | 670           | 3.2          | 288           | 1.4          | 744           | 3.6          |
| <b>20 – 24</b>    | 3,937         | 17.2         | 5,450         | 23.9         | 4,308         | 20.5         | 5,960         | 28.4         | 4,188         | 20.4         | 5,766         | 28.0         |
| <b>25 – 29</b>    | 5,907         | 25.9         | 5,812         | 25.4         | 5,904         | 28.1         | 5,635         | 26.9         | 5,782         | 28.1         | 5,491         | 26.7         |
| <b>30 – 34</b>    | 3,818         | 16.7         | 3,262         | 14.3         | 3,595         | 17.1         | 2,900         | 13.8         | 3,552         | 17.3         | 2,866         | 13.9         |
| <b>35 – 39</b>    | 2,263         | 9.9          | 1,966         | 8.6          | 1,904         | 9.1          | 1,648         | 7.9          | 1,924         | 9.4          | 1,612         | 7.8          |
| <b>40 – 44</b>    | 1,784         | 7.8          | 1,582         | 6.9          | 1,454         | 6.9          | 1,264         | 6.0          | 1,442         | 7.0          | 1,340         | 6.5          |
| <b>45 – 49</b>    | 1,493         | 6.5          | 1,350         | 5.9          | 1,213         | 5.8          | 1,091         | 5.2          | 1,151         | 5.6          | 1,052         | 5.1          |
| <b>50 +</b>       | 3,385         | 14.8         | 2,797         | 12.2         | 2,317         | 11.0         | 1,817         | 8.7          | 2,240         | 10.9         | 1,695         | 8.2          |
| <b>Not Stated</b> | 0             | 0.0          | 2             | 0.0          | 1             | 0.0          | 1             | 0.0          | 0             | 0.0          | 1             | 0.0          |

Starting in 2009, Bride and Groom fields on the marriage certificate were changed to Party A and Party B.

**TABLE 33**  
**MARRIAGES BY AGE, ALL MARRIAGES**  
**2016 OCCURRENCE DATA**

| Age of Party A | Age of Party B |          |          |            |            |            |            |            |              |              |              |              |              |
|----------------|----------------|----------|----------|------------|------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|
|                | Total          | 16       | 17       | 18         | 19         | 20         | 21         | 22         | 23           | 24           | 25           | 26           | 27           |
| <b>Total</b>   | <b>19,277</b>  | <b>5</b> | <b>4</b> | <b>131</b> | <b>234</b> | <b>377</b> | <b>612</b> | <b>887</b> | <b>1,105</b> | <b>1,289</b> | <b>1,317</b> | <b>1,258</b> | <b>1,117</b> |
| 16             | 3              | 1        | 0        | 0          | 2          | 0          | 0          | 0          | 0            | 0            | 0            | 0            | 0            |
| 17             | 10             | 0        | 0        | 2          | 3          | 1          | 3          | 1          | 0            | 0            | 0            | 0            | 0            |
| 18             | 94             | 2        | 2        | 23         | 18         | 17         | 9          | 6          | 2            | 3            | 3            | 1            | 2            |
| 19             | 208            | 0        | 1        | 33         | 37         | 56         | 20         | 20         | 12           | 11           | 5            | 3            | 1            |
| 20             | 352            | 0        | 1        | 16         | 52         | 75         | 58         | 59         | 25           | 24           | 11           | 10           | 3            |
| 21             | 585            | 0        | 0        | 18         | 32         | 67         | 143        | 91         | 68           | 50           | 38           | 20           | 19           |
| 22             | 846            | 1        | 0        | 15         | 25         | 52         | 114        | 216        | 157          | 89           | 47           | 35           | 21           |
| 23             | 1,020          | 1        | 0        | 5          | 15         | 27         | 91         | 148        | 231          | 170          | 110          | 62           | 38           |
| 24             | 1,246          | 0        | 0        | 1          | 12         | 24         | 43         | 103        | 195          | 275          | 198          | 121          | 77           |
| 25             | 1,330          | 0        | 0        | 5          | 11         | 16         | 39         | 77         | 123          | 212          | 253          | 187          | 113          |
| 26             | 1,245          | 0        | 0        | 5          | 3          | 12         | 27         | 56         | 67           | 124          | 206          | 235          | 151          |
| 27             | 1,153          | 0        | 0        | 3          | 8          | 7          | 16         | 28         | 53           | 90           | 117          | 154          | 172          |
| 28             | 957            | 0        | 0        | 0          | 1          | 5          | 8          | 19         | 43           | 69           | 74           | 120          | 120          |
| 29             | 921            | 0        | 0        | 2          | 6          | 5          | 11         | 8          | 29           | 48           | 72           | 65           | 114          |
| 30 - 34        | 3,142          | 0        | 0        | 1          | 4          | 7          | 19         | 38         | 71           | 88           | 141          | 173          | 207          |
| 35 - 39        | 1,778          | 0        | 0        | 1          | 2          | 3          | 4          | 11         | 24           | 23           | 28           | 51           | 64           |
| 40 - 44        | 1,228          | 0        | 0        | 1          | 1          | 1          | 5          | 2          | 2            | 8            | 8            | 12           | 9            |
| 45 - 49        | 955            | 0        | 0        | 0          | 2          | 1          | 2          | 2          | 2            | 2            | 3            | 4            | 3            |
| 50 - 54        | 864            | 0        | 0        | 0          | 0          | 1          | 0          | 0          | 1            | 2            | 2            | 2            | 1            |
| 55 - 59        | 594            | 0        | 0        | 0          | 0          | 0          | 0          | 1          | 0            | 1            | 0            | 2            | 2            |
| 60 - 64        | 376            | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 1            | 0            | 0            |
| 65 - 69        | 207            | 0        | 0        | 0          | 0          | 0          | 0          | 1          | 0            | 0            | 0            | 0            | 0            |
| 70 - 74        | 95             | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 0            | 0            | 0            |
| 75 +           | 64             | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 0            | 1            | 0            |
| N.S.           | 4              | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 0            | 0            | 0            |

| Age of Party A | Age of Party B |            |              |              |              |              |            |            |            |            |           |           |          |
|----------------|----------------|------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|-----------|-----------|----------|
|                | 28             | 29         | 30-34        | 35-39        | 40-44        | 45-49        | 50-54      | 55-59      | 60-64      | 65-69      | 70-74     | 75 +      | N.S.     |
| <b>Total</b>   | <b>986</b>     | <b>824</b> | <b>3,080</b> | <b>1,768</b> | <b>1,262</b> | <b>1,013</b> | <b>834</b> | <b>517</b> | <b>327</b> | <b>187</b> | <b>77</b> | <b>63</b> | <b>3</b> |
| 16             | 0              | 0          | 0            | 0            | 0            | 0            | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 17             | 0              | 0          | 0            | 0            | 0            | 0            | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 18             | 3              | 0          | 3            | 0            | 0            | 0            | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 19             | 2              | 1          | 2            | 1            | 2            | 0            | 1          | 0          | 0          | 0          | 0         | 0         | 0        |
| 20             | 6              | 3          | 6            | 2            | 0            | 0            | 1          | 0          | 0          | 0          | 0         | 0         | 0        |
| 21             | 8              | 12         | 12           | 4            | 0            | 2            | 0          | 1          | 0          | 0          | 0         | 0         | 0        |
| 22             | 20             | 13         | 29           | 7            | 4            | 1            | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 23             | 36             | 27         | 41           | 15           | 2            | 1            | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 24             | 51             | 35         | 78           | 20           | 10           | 2            | 0          | 1          | 0          | 0          | 0         | 0         | 0        |
| 25             | 62             | 50         | 142          | 27           | 10           | 0            | 2          | 1          | 0          | 0          | 0         | 0         | 0        |
| 26             | 101            | 66         | 143          | 28           | 18           | 3            | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 27             | 153            | 85         | 199          | 54           | 12           | 2            | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 28             | 124            | 79         | 213          | 59           | 15           | 4            | 3          | 0          | 0          | 0          | 0         | 1         | 0        |
| 29             | 103            | 114        | 255          | 63           | 18           | 4            | 3          | 1          | 0          | 0          | 0         | 0         | 0        |
| 30 - 34        | 244            | 250        | 1,204        | 474          | 146          | 49           | 18         | 4          | 4          | 0          | 0         | 0         | 0        |
| 35 - 39        | 52             | 64         | 490          | 559          | 263          | 96           | 27         | 14         | 2          | 0          | 0         | 0         | 0        |
| 40 - 44        | 13             | 15         | 181          | 281          | 372          | 216          | 71         | 21         | 7          | 2          | 0         | 0         | 0        |
| 45 - 49        | 6              | 4          | 46           | 102          | 232          | 299          | 161        | 55         | 20         | 7          | 1         | 1         | 0        |
| 50 - 54        | 1              | 1          | 23           | 42           | 100          | 199          | 274        | 149        | 44         | 19         | 2         | 1         | 0        |
| 55 - 59        | 1              | 3          | 10           | 19           | 40           | 91           | 165        | 149        | 82         | 17         | 8         | 3         | 0        |
| 60 - 64        | 0              | 2          | 2            | 5            | 10           | 31           | 81         | 85         | 104        | 46         | 6         | 3         | 0        |
| 65 - 69        | 0              | 0          | 0            | 4            | 7            | 13           | 20         | 31         | 42         | 62         | 20        | 7         | 0        |
| 70 - 74        | 0              | 0          | 0            | 2            | 1            | 0            | 5          | 4          | 16         | 27         | 27        | 13        | 0        |
| 75 +           | 0              | 0          | 0            | 0            | 0            | 0            | 2          | 1          | 6          | 7          | 13        | 34        | 0        |
| N.S.           | 0              | 0          | 1            | 0            | 0            | 0            | 0          | 0          | 0          | 0          | 0         | 0         | 3        |

**TABLE 33 A**  
**MARRIAGES BY AGE, OPPOSITE-GENDER (PARTY A IS MALE/PARTY B IS FEMALE)**  
**2016 OCCURRENCE DATA**

| Age of Party A | Age of Party B |          |          |            |            |            |            |            |              |              |              |              |              |
|----------------|----------------|----------|----------|------------|------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|
|                | Total          | 16       | 17       | 18         | 19         | 20         | 21         | 22         | 23           | 24           | 25           | 26           | 27           |
| <b>Total</b>   | <b>18,185</b>  | <b>5</b> | <b>4</b> | <b>124</b> | <b>217</b> | <b>365</b> | <b>585</b> | <b>849</b> | <b>1,055</b> | <b>1,229</b> | <b>1,247</b> | <b>1,192</b> | <b>1,052</b> |
| 16             | 3              | 1        | 0        | 0          | 2          | 0          | 0          | 0          | 0            | 0            | 0            | 0            | 0            |
| 17             | 10             | 0        | 0        | 2          | 3          | 1          | 3          | 1          | 0            | 0            | 0            | 0            | 0            |
| 18             | 85             | 2        | 2        | 21         | 16         | 14         | 8          | 6          | 2            | 3            | 3            | 0            | 2            |
| 19             | 199            | 0        | 1        | 31         | 37         | 55         | 19         | 20         | 11           | 10           | 5            | 3            | 0            |
| 20             | 337            | 0        | 1        | 16         | 49         | 73         | 57         | 56         | 23           | 22           | 10           | 10           | 3            |
| 21             | 557            | 0        | 0        | 17         | 29         | 67         | 136        | 88         | 63           | 47           | 33           | 19           | 19           |
| 22             | 821            | 1        | 0        | 15         | 24         | 52         | 112        | 211        | 152          | 84           | 45           | 34           | 20           |
| 23             | 981            | 1        | 0        | 4          | 14         | 26         | 86         | 143        | 220          | 163          | 106          | 61           | 37           |
| 24             | 1,182          | 0        | 0        | 1          | 11         | 23         | 40         | 97         | 189          | 266          | 189          | 108          | 71           |
| 25             | 1,271          | 0        | 0        | 5          | 9          | 15         | 38         | 76         | 119          | 204          | 236          | 181          | 109          |
| 26             | 1,185          | 0        | 0        | 4          | 2          | 12         | 27         | 51         | 65           | 120          | 195          | 228          | 140          |
| 27             | 1,088          | 0        | 0        | 3          | 8          | 7          | 13         | 26         | 51           | 85           | 110          | 148          | 161          |
| 28             | 908            | 0        | 0        | 0          | 1          | 4          | 8          | 18         | 41           | 64           | 73           | 112          | 114          |
| 29             | 867            | 0        | 0        | 2          | 5          | 5          | 11         | 8          | 25           | 45           | 69           | 64           | 109          |
| 30 - 34        | 2,953          | 0        | 0        | 1          | 4          | 6          | 18         | 33         | 70           | 82           | 135          | 159          | 194          |
| 35 - 39        | 1,646          | 0        | 0        | 1          | 2          | 2          | 4          | 9          | 20           | 21           | 27           | 47           | 62           |
| 40 - 44        | 1,149          | 0        | 0        | 1          | 0          | 1          | 4          | 2          | 2            | 8            | 6            | 9            | 7            |
| 45 - 49        | 894            | 0        | 0        | 0          | 1          | 1          | 1          | 2          | 1            | 2            | 2            | 4            | 3            |
| 50 - 54        | 811            | 0        | 0        | 0          | 0          | 1          | 0          | 0          | 1            | 2            | 2            | 2            | 0            |
| 55 - 59        | 553            | 0        | 0        | 0          | 0          | 0          | 0          | 1          | 0            | 1            | 0            | 2            | 1            |
| 60 - 64        | 349            | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 1            | 0            | 0            |
| 65 - 69        | 189            | 0        | 0        | 0          | 0          | 0          | 0          | 1          | 0            | 0            | 0            | 0            | 0            |
| 70 - 74        | 86             | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 0            | 0            | 0            |
| 75 +           | 57             | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 0            | 1            | 0            |
| N.S.           | 4              | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 0            | 0            | 0            |

| Age of Party A | Age of Party B |            |              |              |              |            |            |            |            |            |           |           |          |
|----------------|----------------|------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|-----------|-----------|----------|
|                | 28             | 29         | 30-34        | 35-39        | 40-44        | 45-49      | 50-54      | 55-59      | 60-64      | 65-69      | 70-74     | 75 +      | N.S.     |
| <b>Total</b>   | <b>938</b>     | <b>782</b> | <b>2,894</b> | <b>1,670</b> | <b>1,173</b> | <b>952</b> | <b>777</b> | <b>480</b> | <b>296</b> | <b>168</b> | <b>71</b> | <b>57</b> | <b>3</b> |
| 16             | 0              | 0          | 0            | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 17             | 0              | 0          | 0            | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 18             | 3              | 0          | 3            | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 19             | 2              | 1          | 2            | 1            | 0            | 0          | 1          | 0          | 0          | 0          | 0         | 0         | 0        |
| 20             | 6              | 3          | 6            | 1            | 0            | 0          | 1          | 0          | 0          | 0          | 0         | 0         | 0        |
| 21             | 8              | 12         | 12           | 4            | 0            | 2          | 0          | 1          | 0          | 0          | 0         | 0         | 0        |
| 22             | 20             | 12         | 28           | 6            | 4            | 1          | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 23             | 36             | 27         | 40           | 14           | 2            | 1          | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 24             | 51             | 32         | 75           | 16           | 10           | 2          | 0          | 1          | 0          | 0          | 0         | 0         | 0        |
| 25             | 59             | 48         | 133          | 26           | 10           | 0          | 2          | 1          | 0          | 0          | 0         | 0         | 0        |
| 26             | 96             | 61         | 138          | 27           | 16           | 3          | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 27             | 142            | 83         | 187          | 52           | 10           | 2          | 0          | 0          | 0          | 0          | 0         | 0         | 0        |
| 28             | 117            | 77         | 201          | 56           | 14           | 4          | 3          | 0          | 0          | 0          | 0         | 1         | 0        |
| 29             | 98             | 111        | 235          | 58           | 15           | 3          | 3          | 1          | 0          | 0          | 0         | 0         | 0        |
| 30 - 34        | 229            | 231        | 1,139        | 450          | 132          | 46         | 17         | 3          | 4          | 0          | 0         | 0         | 0        |
| 35 - 39        | 50             | 60         | 454          | 519          | 241          | 89         | 23         | 14         | 1          | 0          | 0         | 0         | 0        |
| 40 - 44        | 13             | 15         | 167          | 268          | 353          | 199        | 66         | 20         | 6          | 2          | 0         | 0         | 0        |
| 45 - 49        | 6              | 4          | 43           | 100          | 217          | 282        | 148        | 50         | 18         | 7          | 1         | 1         | 0        |
| 50 - 54        | 1              | 1          | 20           | 42           | 93           | 189        | 262        | 136        | 39         | 17         | 2         | 1         | 0        |
| 55 - 59        | 1              | 2          | 8            | 19           | 38           | 88         | 149        | 143        | 78         | 13         | 7         | 2         | 0        |
| 60 - 64        | 0              | 2          | 2            | 5            | 10           | 29         | 78         | 78         | 94         | 41         | 6         | 3         | 0        |
| 65 - 69        | 0              | 0          | 0            | 4            | 7            | 12         | 18         | 29         | 38         | 58         | 16        | 6         | 0        |
| 70 - 74        | 0              | 0          | 0            | 2            | 1            | 0          | 4          | 2          | 13         | 25         | 26        | 13        | 0        |
| 75 +           | 0              | 0          | 0            | 0            | 0            | 0          | 2          | 1          | 5          | 5          | 13        | 30        | 0        |
| N.S.           | 0              | 0          | 1            | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 3        |

**TABLE 33 B**  
**MARRIAGES BY AGE, SAME-GENDER (MALE/MALE)**  
**2016 OCCURRENCE DATA**

| Age of Party A | Age of Party B |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|
|                | Total          | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| <b>Total</b>   | <b>134</b>     | 0  | 0  | 1  | 1  | 2  | 3  | 5  | 10 | 0  | 3  | 6  | 2  |
| 16             | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 17             | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 18             | 1              | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 19             | 1              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 20             | 3              | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  |
| 21             | 2              | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 0  |
| 22             | 3              | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 0  | 0  | 0  | 0  |
| 23             | 2              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  |
| 24             | 6              | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 0  |
| 25             | 3              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  |
| 26             | 6              | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 0  |
| 27             | 4              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 28             | 2              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 0  |
| 29             | 5              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  |
| 30 - 34        | 23             | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 2  | 1  |
| 35 - 39        | 22             | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 0  | 0  | 1  | 0  |
| 40 - 44        | 12             | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 1  | 1  | 0  |
| 45 - 49        | 8              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  |
| 50 - 54        | 14             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 55 - 59        | 7              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 60 - 64        | 4              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 65 - 69        | 3              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 70 - 74        | 2              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 75 +           | 1              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| N.S.           | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |

| Age of Party A | Age of Party B |          |           |          |           |          |           |          |          |          |          |          |          |
|----------------|----------------|----------|-----------|----------|-----------|----------|-----------|----------|----------|----------|----------|----------|----------|
|                | 28             | 29       | 30-34     | 35-39    | 40-44     | 45-49    | 50-54     | 55-59    | 60-64    | 65-69    | 70-74    | 75 +     | N.S.     |
| <b>Total</b>   | <b>5</b>       | <b>7</b> | <b>29</b> | <b>9</b> | <b>15</b> | <b>7</b> | <b>13</b> | <b>5</b> | <b>4</b> | <b>2</b> | <b>4</b> | <b>1</b> | <b>0</b> |
| 16             | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 17             | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 18             | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 19             | 0              | 0        | 0         | 0        | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 20             | 0              | 0        | 0         | 1        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 21             | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 22             | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 23             | 0              | 0        | 1         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 24             | 0              | 0        | 1         | 2        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 25             | 0              | 1        | 1         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 26             | 1              | 1        | 1         | 1        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 27             | 2              | 0        | 0         | 1        | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 28             | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 29             | 0              | 0        | 2         | 1        | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 30 - 34        | 1              | 3        | 10        | 1        | 1         | 0        | 1         | 1        | 0        | 0        | 0        | 0        | 0        |
| 35 - 39        | 1              | 1        | 8         | 2        | 5         | 1        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| 40 - 44        | 0              | 0        | 3         | 0        | 4         | 0        | 1         | 0        | 0        | 0        | 0        | 0        | 0        |
| 45 - 49        | 0              | 0        | 1         | 0        | 0         | 1        | 2         | 2        | 0        | 0        | 0        | 0        | 0        |
| 50 - 54        | 0              | 0        | 1         | 0        | 1         | 3        | 5         | 2        | 2        | 0        | 0        | 0        | 0        |
| 55 - 59        | 0              | 1        | 0         | 0        | 1         | 1        | 2         | 0        | 1        | 0        | 1        | 0        | 0        |
| 60 - 64        | 0              | 0        | 0         | 0        | 0         | 1        | 1         | 0        | 1        | 1        | 0        | 0        | 0        |
| 65 - 69        | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 3        | 0        | 0        |
| 70 - 74        | 0              | 0        | 0         | 0        | 0         | 0        | 1         | 0        | 0        | 1        | 0        | 0        | 0        |
| 75 +           | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1        | 0        |
| N.S.           | 0              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |

**TABLE 33 C**  
**MARRIAGES BY AGE, SAME-GENDER (FEMALE/FEMALE)**  
**2016 OCCURRENCE DATA**

| Age of Party A | Age of Party B |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|
|                | Total          | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| <b>Total</b>   | <b>281</b>     | 0  | 0  | 1  | 3  | 2  | 3  | 9  | 16 | 17 | 18 | 16 | 25 |
| 16             | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 17             | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 18             | 2              | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  |
| 19             | 4              | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  |
| 20             | 3              | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 0  |
| 21             | 7              | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 3  | 1  | 1  | 0  | 0  |
| 22             | 6              | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 0  | 2  | 0  | 0  | 0  |
| 23             | 8              | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 3  | 2  | 0  | 1  | 0  |
| 24             | 14             | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 3  | 1  | 4  | 0  | 1  |
| 25             | 16             | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 3  | 1  | 2  | 2  | 3  |
| 26             | 18             | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 2  | 3  | 3  | 4  |
| 27             | 19             | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 2  | 2  | 2  | 4  |
| 28             | 15             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 3  | 0  | 1  | 1  |
| 29             | 15             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 2  | 0  | 1  |
| 30 - 34        | 57             | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 2  | 2  | 5  | 8  |
| 35 - 39        | 37             | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 1  | 1  |
| 40 - 44        | 19             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  |
| 45 - 49        | 16             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 50 - 54        | 12             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 55 - 59        | 3              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 60 - 64        | 6              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 65 - 69        | 4              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 70 - 74        | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 75 +           | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| N.S.           | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |

| Age of Party A | Age of Party B |           |           |           |           |           |          |          |          |          |          |          |          |
|----------------|----------------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|
|                | 28             | 29        | 30-34     | 35-39     | 40-44     | 45-49     | 50-54    | 55-59    | 60-64    | 65-69    | 70-74    | 75 +     | N.S.     |
| <b>Total</b>   | <b>16</b>      | <b>10</b> | <b>53</b> | <b>26</b> | <b>22</b> | <b>20</b> | <b>8</b> | <b>6</b> | <b>7</b> | <b>2</b> | <b>1</b> | <b>0</b> | <b>0</b> |
| 16             | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 17             | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 18             | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 19             | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 20             | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 21             | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 22             | 0              | 0         | 1         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 23             | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 24             | 0              | 1         | 2         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 25             | 2              | 0         | 1         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 26             | 2              | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 27             | 3              | 0         | 5         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 28             | 1              | 0         | 7         | 1         | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 29             | 1              | 1         | 7         | 1         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 30 - 34        | 6              | 7         | 18        | 5         | 3         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 35 - 39        | 1              | 0         | 8         | 12        | 9         | 1         | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| 40 - 44        | 0              | 0         | 3         | 3         | 4         | 6         | 1        | 0        | 1        | 0        | 0        | 0        | 0        |
| 45 - 49        | 0              | 0         | 1         | 2         | 2         | 9         | 1        | 1        | 0        | 0        | 0        | 0        | 0        |
| 50 - 54        | 0              | 0         | 0         | 0         | 3         | 1         | 4        | 3        | 1        | 0        | 0        | 0        | 0        |
| 55 - 59        | 0              | 0         | 0         | 0         | 0         | 1         | 1        | 0        | 1        | 0        | 0        | 0        | 0        |
| 60 - 64        | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 2        | 3        | 1        | 0        | 0        | 0        |
| 65 - 69        | 0              | 0         | 0         | 0         | 0         | 1         | 0        | 0        | 1        | 1        | 0        | 0        | 0        |
| 70 - 74        | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 75 +           | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| N.S.           | 0              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

**TABLE 33 D**  
**MARRIAGES BY AGE, ALL SAME-GENDER MARRIAGES**  
**2016 OCCURRENCE DATA**

| Age of Party A | Age of Party B |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|
|                | Total          | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| <b>Total</b>   | <b>415</b>     | 0  | 0  | 2  | 4  | 4  | 6  | 14 | 26 | 17 | 21 | 22 | 27 |
| 16             | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 17             | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 18             | 3              | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  |
| 19             | 5              | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  |
| 20             | 6              | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 0  |
| 21             | 9              | 0  | 0  | 0  | 1  | 0  | 1  | 1  | 3  | 1  | 1  | 1  | 0  |
| 22             | 9              | 0  | 0  | 0  | 0  | 0  | 1  | 3  | 2  | 2  | 0  | 0  | 0  |
| 23             | 10             | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 4  | 2  | 0  | 1  | 0  |
| 24             | 20             | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 4  | 1  | 5  | 0  | 1  |
| 25             | 19             | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 3  | 1  | 2  | 3  | 3  |
| 26             | 24             | 0  | 0  | 0  | 0  | 0  | 0  | 3  | 2  | 2  | 3  | 3  | 4  |
| 27             | 23             | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 2  | 2  | 2  | 4  |
| 28             | 17             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 0  | 1  | 1  |
| 29             | 20             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 2  | 0  | 2  |
| 30 - 34        | 80             | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 2  | 2  | 7  | 9  |
| 35 - 39        | 59             | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 0  | 1  | 2  | 1  |
| 40 - 44        | 31             | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 1  | 1  | 1  |
| 45 - 49        | 24             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  |
| 50 - 54        | 26             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 55 - 59        | 10             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 60 - 64        | 10             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 65 - 69        | 7              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 70 - 74        | 2              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 75 +           | 1              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| N.S.           | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |

| Age of Party A | Age of Party B |           |           |           |           |           |           |           |           |          |          |          |          |
|----------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|
|                | 28             | 29        | 30-34     | 35-39     | 40-44     | 45-49     | 50-54     | 55-59     | 60-64     | 65-69    | 70-74    | 75 +     | N.S.     |
| <b>Total</b>   | <b>21</b>      | <b>17</b> | <b>82</b> | <b>35</b> | <b>37</b> | <b>27</b> | <b>21</b> | <b>11</b> | <b>11</b> | <b>4</b> | <b>5</b> | <b>1</b> | <b>0</b> |
| 16             | 0              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 17             | 0              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 18             | 0              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 19             | 0              | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 20             | 0              | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 21             | 0              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 22             | 0              | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 23             | 0              | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 24             | 0              | 1         | 3         | 3         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 25             | 2              | 1         | 2         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 26             | 3              | 2         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 27             | 5              | 0         | 5         | 1         | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 28             | 1              | 0         | 7         | 1         | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 29             | 1              | 1         | 9         | 2         | 1         | 1         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |
| 30 - 34        | 7              | 10        | 28        | 6         | 4         | 0         | 1         | 1         | 0         | 0        | 0        | 0        | 0        |
| 35 - 39        | 2              | 1         | 16        | 14        | 14        | 2         | 1         | 0         | 0         | 0        | 0        | 0        | 0        |
| 40 - 44        | 0              | 0         | 6         | 3         | 8         | 6         | 2         | 0         | 1         | 0        | 0        | 0        | 0        |
| 45 - 49        | 0              | 0         | 2         | 2         | 2         | 10        | 3         | 3         | 0         | 0        | 0        | 0        | 0        |
| 50 - 54        | 0              | 0         | 1         | 0         | 4         | 4         | 9         | 5         | 3         | 0        | 0        | 0        | 0        |
| 55 - 59        | 0              | 1         | 0         | 0         | 1         | 2         | 3         | 0         | 2         | 0        | 1        | 0        | 0        |
| 60 - 64        | 0              | 0         | 0         | 0         | 0         | 1         | 1         | 2         | 4         | 2        | 0        | 0        | 0        |
| 65 - 69        | 0              | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 1        | 4        | 0        | 0        |
| 70 - 74        | 0              | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1        | 0        | 0        | 0        |
| 75 +           | 0              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 1        | 0        |
| N.S.           | 0              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        |

**TABLE 33 E**  
**MARRIAGES BY AGE, GENDER NOT STATED**  
**2016 OCCURRENCE DATA**

| Age of Party A | Age of Party B |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|
|                | Total          | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| <b>Total</b>   | <b>677</b>     | 0  | 0  | 5  | 13 | 8  | 21 | 24 | 24 | 43 | 49 | 44 | 38 |
| 16             | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 17             | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 18             | 6              | 0  | 0  | 1  | 1  | 3  | 1  | 0  | 0  | 0  | 0  | 0  | 0  |
| 19             | 4              | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  |
| 20             | 9              | 0  | 0  | 0  | 3  | 1  | 0  | 3  | 1  | 1  | 0  | 0  | 0  |
| 21             | 19             | 0  | 0  | 1  | 2  | 0  | 6  | 2  | 2  | 2  | 4  | 0  | 0  |
| 22             | 16             | 0  | 0  | 0  | 1  | 0  | 1  | 2  | 3  | 3  | 2  | 1  | 1  |
| 23             | 29             | 0  | 0  | 1  | 1  | 0  | 5  | 4  | 7  | 5  | 4  | 0  | 1  |
| 24             | 44             | 0  | 0  | 0  | 1  | 1  | 3  | 4  | 2  | 8  | 4  | 13 | 5  |
| 25             | 40             | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 7  | 15 | 3  | 1  |
| 26             | 36             | 0  | 0  | 1  | 1  | 0  | 0  | 2  | 0  | 2  | 8  | 4  | 7  |
| 27             | 42             | 0  | 0  | 0  | 0  | 0  | 3  | 1  | 2  | 3  | 5  | 4  | 7  |
| 28             | 32             | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 2  | 1  | 7  | 5  |
| 29             | 34             | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 3  | 3  | 1  | 1  | 3  |
| 30 - 34        | 109            | 0  | 0  | 0  | 0  | 0  | 0  | 4  | 1  | 4  | 4  | 7  | 4  |
| 35 - 39        | 73             | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 2  | 0  | 2  | 1  |
| 40 - 44        | 48             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 1  |
| 45 - 49        | 37             | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  |
| 50 - 54        | 27             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  |
| 55 - 59        | 31             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  |
| 60 - 64        | 17             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 65 - 69        | 11             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 70 - 74        | 7              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 75 +           | 6              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| N.S.           | 0              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |

Gender not available for one or both parties

| Age of Party A | Age of Party B |           |            |           |           |           |           |           |           |           |          |          |          |
|----------------|----------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|
|                | 28             | 29        | 30-34      | 35-39     | 40-44     | 45-49     | 50-54     | 55-59     | 60-64     | 65-69     | 70-74    | 75 +     | N.S.     |
| <b>Total</b>   | <b>27</b>      | <b>25</b> | <b>104</b> | <b>63</b> | <b>52</b> | <b>34</b> | <b>36</b> | <b>26</b> | <b>20</b> | <b>15</b> | <b>1</b> | <b>5</b> | <b>0</b> |
| 16             | 0              | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 17             | 0              | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 18             | 0              | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 19             | 0              | 0         | 0          | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 20             | 0              | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 21             | 0              | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 22             | 0              | 1         | 0          | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 23             | 0              | 0         | 0          | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 24             | 0              | 2         | 0          | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 25             | 1              | 1         | 7          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 26             | 2              | 3         | 4          | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 27             | 6              | 2         | 7          | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 28             | 6              | 2         | 5          | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 29             | 4              | 2         | 11         | 3         | 2         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 30 - 34        | 8              | 9         | 37         | 18        | 10        | 3         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |
| 35 - 39        | 0              | 3         | 20         | 26        | 8         | 5         | 3         | 0         | 1         | 0         | 0        | 0        | 0        |
| 40 - 44        | 0              | 0         | 8          | 10        | 11        | 11        | 3         | 1         | 0         | 0         | 0        | 0        | 0        |
| 45 - 49        | 0              | 0         | 1          | 0         | 13        | 7         | 10        | 2         | 2         | 0         | 0        | 0        | 0        |
| 50 - 54        | 0              | 0         | 2          | 0         | 3         | 6         | 3         | 8         | 2         | 2         | 0        | 0        | 0        |
| 55 - 59        | 0              | 0         | 2          | 0         | 1         | 1         | 13        | 6         | 2         | 4         | 0        | 1        | 0        |
| 60 - 64        | 0              | 0         | 0          | 0         | 0         | 1         | 2         | 5         | 6         | 3         | 0        | 0        | 0        |
| 65 - 69        | 0              | 0         | 0          | 0         | 0         | 0         | 2         | 2         | 3         | 3         | 0        | 1        | 0        |
| 70 - 74        | 0              | 0         | 0          | 0         | 0         | 0         | 0         | 2         | 3         | 1         | 1        | 0        | 0        |
| 75 +           | 0              | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 1         | 2         | 0        | 3        | 0        |
| N.S.           | 0              | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |

**TABLE 34**  
**MARRIAGE COUNTS BY COUNTY AND GENDER**  
**2016 OCCURRENCE DATA**

| County             | Total         | Opposite Gender | Same Gender | Not Stated |
|--------------------|---------------|-----------------|-------------|------------|
| <b>State Total</b> | <b>19,277</b> | <b>18,185</b>   | <b>415</b>  | <b>677</b> |
| Adair              | 52            | 47              | *           | *          |
| Adams              | 30            | 29              | *           | *          |
| Allamakee          | 82            | 77              | *           | *          |
| Appanoose          | 146           | 142             | *           | *          |
| Audubon            | 34            | 33              | *           | *          |
| Benton             | 104           | 100             | *           | *          |
| Black Hawk         | 770           | 741             | 24          | *          |
| Boone              | 176           | 164             | *           | 9          |
| Bremer             | 128           | 125             | *           | *          |
| Buchanan           | 130           | 128             | *           | *          |
| Buena Vista        | 141           | 137             | *           | *          |
| Butler             | 58            | 58              | *           | *          |
| Calhoun            | 51            | 49              | *           | *          |
| Carroll            | 142           | 137             | *           | *          |
| Cass               | 104           | 101             | *           | *          |
| Cedar              | 89            | 87              | *           | *          |
| Cerro Gordo        | 321           | 307             | 7           | 7          |
| Cherokee           | 67            | 63              | *           | *          |
| Chickasaw          | 177           | 171             | *           | *          |
| Clarke             | 45            | 45              | *           | *          |
| Clay               | 75            | 74              | *           | *          |
| Clayton            | 106           | 97              | *           | 7          |
| Clinton            | 302           | 283             | 10          | 9          |
| Crawford           | 101           | 96              | *           | *          |
| Dallas             | 460           | 437             | 9           | 14         |
| Davis              | 44            | 44              | *           | *          |
| Decatur            | 48            | 45              | *           | *          |
| Delaware           | 130           | 128             | *           | *          |
| Des Moines         | 258           | 247             | 8           | *          |
| Dickinson          | 214           | 207             | *           | *          |
| Dubuque            | 685           | 640             | 14          | 31         |
| Emmet              | 42            | 41              | *           | *          |
| Fayette            | 89            | 86              | *           | *          |
| Floyd              | 78            | 78              | *           | *          |
| Franklin           | 52            | 49              | *           | *          |
| Fremont            | 59            | 54              | *           | *          |
| Greene             | 59            | 59              | *           | *          |
| Grundy             | 65            | 64              | *           | *          |
| Guthrie            | 69            | 69              | *           | *          |
| Hamilton           | 98            | 94              | *           | *          |
| Hancock            | 58            | 56              | *           | *          |
| Hardin             | 107           | 100             | *           | 6          |
| Harrison           | 94            | 90              | *           | *          |
| Henry              | 124           | 118             | *           | 6          |
| Howard             | 57            | 56              | *           | *          |
| Humboldt           | 71            | 71              | *           | *          |
| Ida                | 48            | 45              | *           | *          |
| Iowa               | 118           | 116             | *           | *          |
| Jackson            | 131           | 130             | *           | *          |

| County        | Total | Opposite Gender | Same Gender | Not Stated |
|---------------|-------|-----------------|-------------|------------|
| Jasper        | 229   | 217             | *           | 8          |
| Jefferson     | 134   | 131             | *           | *          |
| Johnson       | 941   | 826             | 35          | 80         |
| Jones         | 106   | 101             | *           | *          |
| Keokuk        | 56    | 54              | *           | *          |
| Kossuth       | 71    | 65              | *           | *          |
| Lee           | 181   | 175             | *           | *          |
| Linn          | 1,187 | 1,117           | 27          | 43         |
| Louisa        | 58    | 54              | *           | *          |
| Lucas         | 53    | 52              | *           | *          |
| Lyon          | 98    | 95              | *           | *          |
| Madison       | 104   | 97              | *           | *          |
| Mahaska       | 155   | 154             | *           | *          |
| Marion        | 197   | 194             | *           | *          |
| Marshall      | 248   | 235             | *           | 12         |
| Mills         | 181   | 167             | *           | 12         |
| Mitchell      | 52    | 50              | *           | *          |
| Monona        | 41    | 39              | *           | *          |
| Monroe        | 43    | 39              | *           | *          |
| Montgomery    | 61    | 61              | *           | *          |
| Muscatine     | 285   | 272             | 6           | 7          |
| O'Brien       | 58    | 58              | *           | *          |
| Osceola       | 25    | 24              | *           | *          |
| Page          | 76    | 76              | *           | *          |
| Palo Alto     | 54    | 54              | *           | *          |
| Plymouth      | 144   | 139             | *           | *          |
| Pocahontas    | 48    | 47              | *           | *          |
| Polk          | 3,173 | 2,932           | 104         | 137        |
| Pottawattamie | 503   | 431             | 14          | 58         |
| Poweshiek     | 105   | 100             | *           | *          |
| Ringgold      | 35    | 33              | *           | *          |
| Sac           | 52    | 51              | *           | *          |
| Scott         | 989   | 941             | 35          | 13         |
| Shelby        | 80    | 78              | *           | *          |
| Sioux         | 205   | 203             | *           | *          |
| Story         | 482   | 426             | 12          | 44         |
| Tama          | 107   | 105             | *           | *          |
| Taylor        | 34    | 34              | *           | *          |
| Union         | 74    | 72              | *           | *          |
| Van Buren     | 60    | 57              | *           | *          |
| Wapello       | 205   | 186             | *           | 16         |
| Warren        | 335   | 318             | 7           | 10         |
| Washington    | 122   | 110             | *           | 10         |
| Wayne         | 44    | 43              | *           | *          |
| Webster       | 241   | 237             | *           | *          |
| Winnebago     | 57    | 56              | *           | *          |
| Winneshiek    | 143   | 135             | *           | *          |
| Woodbury      | 575   | 549             | 16          | 10         |
| Worth         | 39    | 39              | *           | *          |
| Wright        | 42    | 41              | *           | *          |

\* In this table, counts of five or fewer are suppressed to protect confidentiality.

**TABLE 35**  
**DISSOLUTIONS BY AGE, BY RACE OF PARTY A**  
**2016 OCCURRENCE DATA**

| Age        | Total  |         | White  |         | African American |         | Asian/Pacific Islander |         | Other  |         |
|------------|--------|---------|--------|---------|------------------|---------|------------------------|---------|--------|---------|
|            | Number | Percent | Number | Percent | Number           | Percent | Number                 | Percent | Number | Percent |
| Total      | 3,932  | 100.0   | 3,603  | 100.0   | 105              | 100.0   | 36                     | 100.0   | 188    | 100.0   |
| 16         | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 17         | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 18         | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 19         | 3      | 0.1     | 2      | 0.1     | 0                | 0.0     | 0                      | 0.0     | 1      | 0.5     |
| 16 – 19    | 3      | 0.1     | 2      | 0.1     | 0                | 0.0     | 0                      | 0.0     | 1      | 0.5     |
| 20         | 7      | 0.2     | 6      | 0.2     | 0                | 0.0     | 0                      | 0.0     | 1      | 0.5     |
| 21         | 17     | 0.4     | 14     | 0.4     | 0                | 0.0     | 1                      | 2.8     | 2      | 1.1     |
| 22         | 25     | 0.6     | 21     | 0.6     | 0                | 0.0     | 2                      | 5.6     | 2      | 1.1     |
| 23         | 58     | 1.5     | 52     | 1.4     | 1                | 1.0     | 2                      | 5.6     | 3      | 1.6     |
| 24         | 56     | 1.4     | 50     | 1.4     | 2                | 1.9     | 1                      | 2.8     | 3      | 1.6     |
| 20 – 24    | 163    | 4.1     | 143    | 4.0     | 3                | 2.9     | 6                      | 16.7    | 11     | 5.9     |
| 25         | 74     | 1.9     | 69     | 1.9     | 1                | 1.0     | 0                      | 0.0     | 4      | 2.1     |
| 26         | 104    | 2.6     | 96     | 2.7     | 2                | 1.9     | 0                      | 0.0     | 6      | 3.2     |
| 27         | 117    | 3.0     | 105    | 2.9     | 6                | 5.7     | 1                      | 2.8     | 5      | 2.7     |
| 28         | 116    | 3.0     | 104    | 2.9     | 3                | 2.9     | 2                      | 5.6     | 7      | 3.7     |
| 29         | 96     | 2.4     | 85     | 2.4     | 2                | 1.9     | 2                      | 5.6     | 7      | 3.7     |
| 25 – 29    | 507    | 12.9    | 459    | 12.7    | 14               | 13.3    | 5                      | 13.9    | 29     | 15.4    |
| 30         | 120    | 3.1     | 108    | 3.0     | 2                | 1.9     | 0                      | 0.0     | 10     | 5.3     |
| 31         | 125    | 3.2     | 109    | 3.0     | 6                | 5.7     | 2                      | 5.6     | 8      | 4.3     |
| 32         | 124    | 3.2     | 112    | 3.1     | 2                | 1.9     | 2                      | 5.6     | 8      | 4.3     |
| 33         | 116    | 3.0     | 109    | 3.0     | 0                | 0.0     | 2                      | 5.6     | 5      | 2.7     |
| 34         | 130    | 3.3     | 121    | 3.4     | 3                | 2.9     | 1                      | 2.8     | 5      | 2.7     |
| 30 – 34    | 615    | 15.6    | 559    | 15.5    | 13               | 12.4    | 7                      | 19.4    | 36     | 19.1    |
| 35         | 145    | 3.7     | 129    | 3.6     | 4                | 3.8     | 2                      | 5.6     | 10     | 5.3     |
| 36         | 137    | 3.5     | 122    | 3.4     | 6                | 5.7     | 1                      | 2.8     | 8      | 4.3     |
| 37         | 133    | 3.4     | 119    | 3.3     | 5                | 4.8     | 1                      | 2.8     | 8      | 4.3     |
| 38         | 112    | 2.8     | 97     | 2.7     | 2                | 1.9     | 3                      | 8.3     | 10     | 5.3     |
| 39         | 138    | 3.5     | 128    | 3.6     | 4                | 3.8     | 1                      | 2.8     | 5      | 2.7     |
| 35 – 39    | 665    | 16.9    | 595    | 16.5    | 21               | 20.0    | 8                      | 22.2    | 41     | 21.8    |
| 40         | 125    | 3.2     | 113    | 3.1     | 2                | 1.9     | 1                      | 2.8     | 9      | 4.8     |
| 41         | 132    | 3.4     | 125    | 3.5     | 3                | 2.9     | 1                      | 2.8     | 3      | 1.6     |
| 42         | 111    | 2.8     | 102    | 2.8     | 3                | 2.9     | 0                      | 0.0     | 6      | 3.2     |
| 43         | 123    | 3.1     | 115    | 3.2     | 4                | 3.8     | 0                      | 0.0     | 4      | 2.1     |
| 44         | 91     | 2.3     | 85     | 2.4     | 3                | 2.9     | 0                      | 0.0     | 3      | 1.6     |
| 40 – 44    | 582    | 14.8    | 540    | 15.0    | 15               | 14.3    | 2                      | 5.6     | 25     | 13.3    |
| 45         | 99     | 2.5     | 91     | 2.5     | 4                | 3.8     | 0                      | 0.0     | 4      | 2.1     |
| 46         | 129    | 3.3     | 124    | 3.4     | 1                | 1.0     | 0                      | 0.0     | 4      | 2.1     |
| 47         | 99     | 2.5     | 93     | 2.6     | 4                | 3.8     | 1                      | 2.8     | 1      | 0.5     |
| 48         | 95     | 2.4     | 89     | 2.5     | 2                | 1.9     | 1                      | 2.8     | 3      | 1.6     |
| 49         | 90     | 2.3     | 81     | 2.2     | 7                | 6.7     | 1                      | 2.8     | 1      | 0.5     |
| 45 – 49    | 512    | 13.0    | 478    | 13.3    | 18               | 17.1    | 3                      | 8.3     | 13     | 6.9     |
| 50 +       | 880    | 22.4    | 825    | 22.9    | 21               | 20.0    | 5                      | 13.9    | 29     | 15.4    |
| Not Stated | 5      | 0.1     | 2      | 0.1     | 0                | 0.0     | 0                      | 0.0     | 3      | 1.6     |

**TABLE 35 A**  
**DISSOLUTIONS BY AGE, BY RACE OF PARTY B**  
**2016 OCCURRENCE DATA**

| Age        | Total  |         | White  |         | African American |         | Asian/Pacific Islander |         | Other  |         |
|------------|--------|---------|--------|---------|------------------|---------|------------------------|---------|--------|---------|
|            | Number | Percent | Number | Percent | Number           | Percent | Number                 | Percent | Number | Percent |
| Total      | 3,932  | 100.0   | 3,544  | 100.0   | 117              | 100.0   | 37                     | 100.0   | 234    | 100.0   |
| 16         | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 17         | 1      | 0.0     | 1      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 18         | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 19         | 2      | 0.1     | 2      | 0.1     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 16 – 19    | 3      | 0.1     | 3      | 0.1     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 20         | 6      | 0.2     | 5      | 0.1     | 0                | 0.0     | 0                      | 0.0     | 1      | 0.4     |
| 21         | 15     | 0.4     | 13     | 0.4     | 0                | 0.0     | 0                      | 0.0     | 2      | 0.9     |
| 22         | 25     | 0.6     | 23     | 0.6     | 1                | 0.9     | 0                      | 0.0     | 1      | 0.4     |
| 23         | 36     | 0.9     | 26     | 0.7     | 2                | 1.7     | 2                      | 5.4     | 6      | 2.6     |
| 24         | 51     | 1.3     | 42     | 1.2     | 1                | 0.9     | 0                      | 0.0     | 8      | 3.4     |
| 20 – 24    | 133    | 3.4     | 109    | 3.1     | 4                | 3.4     | 2                      | 5.4     | 18     | 7.7     |
| 25         | 110    | 2.8     | 93     | 2.6     | 4                | 3.4     | 2                      | 5.4     | 11     | 4.7     |
| 26         | 72     | 1.8     | 67     | 1.9     | 0                | 0.0     | 1                      | 2.7     | 4      | 1.7     |
| 27         | 76     | 1.9     | 65     | 1.8     | 0                | 0.0     | 1                      | 2.7     | 10     | 4.3     |
| 28         | 95     | 2.4     | 82     | 2.3     | 3                | 2.6     | 5                      | 13.5    | 5      | 2.1     |
| 29         | 104    | 2.6     | 91     | 2.6     | 2                | 1.7     | 2                      | 5.4     | 9      | 3.8     |
| 25 – 29    | 457    | 11.6    | 398    | 11.2    | 9                | 7.7     | 11                     | 29.7    | 39     | 16.7    |
| 30         | 98     | 2.5     | 90     | 2.5     | 0                | 0.0     | 2                      | 5.4     | 6      | 2.6     |
| 31         | 106    | 2.7     | 99     | 2.8     | 2                | 1.7     | 0                      | 0.0     | 5      | 2.1     |
| 32         | 116    | 3.0     | 102    | 2.9     | 4                | 3.4     | 4                      | 10.8    | 6      | 2.6     |
| 33         | 148    | 3.8     | 129    | 3.6     | 7                | 6.0     | 0                      | 0.0     | 12     | 5.1     |
| 34         | 131    | 3.3     | 119    | 3.4     | 6                | 5.1     | 0                      | 0.0     | 6      | 2.6     |
| 30 – 34    | 599    | 15.2    | 539    | 15.2    | 19               | 16.2    | 6                      | 16.2    | 35     | 15.0    |
| 35         | 138    | 3.5     | 123    | 3.5     | 4                | 3.4     | 1                      | 2.7     | 10     | 4.3     |
| 36         | 139    | 3.5     | 125    | 3.5     | 5                | 4.3     | 1                      | 2.7     | 8      | 3.4     |
| 37         | 134    | 3.4     | 123    | 3.5     | 4                | 3.4     | 1                      | 2.7     | 6      | 2.6     |
| 38         | 108    | 2.7     | 103    | 2.9     | 0                | 0.0     | 0                      | 0.0     | 5      | 2.1     |
| 39         | 129    | 3.3     | 119    | 3.4     | 4                | 3.4     | 1                      | 2.7     | 5      | 2.1     |
| 35 – 39    | 648    | 16.5    | 593    | 16.7    | 17               | 14.5    | 4                      | 10.8    | 34     | 14.5    |
| 40         | 126    | 3.2     | 110    | 3.1     | 5                | 4.3     | 1                      | 2.7     | 10     | 4.3     |
| 41         | 114    | 2.9     | 100    | 2.8     | 4                | 3.4     | 0                      | 0.0     | 10     | 4.3     |
| 42         | 112    | 2.8     | 100    | 2.8     | 2                | 1.7     | 1                      | 2.7     | 9      | 3.8     |
| 43         | 106    | 2.7     | 96     | 2.7     | 2                | 1.7     | 1                      | 2.7     | 7      | 3.0     |
| 44         | 124    | 3.2     | 114    | 3.2     | 4                | 3.4     | 2                      | 5.4     | 4      | 1.7     |
| 40 – 44    | 582    | 14.8    | 520    | 14.7    | 17               | 14.5    | 5                      | 13.5    | 40     | 17.1    |
| 45         | 110    | 2.8     | 97     | 2.7     | 2                | 1.7     | 0                      | 0.0     | 11     | 4.7     |
| 46         | 99     | 2.5     | 86     | 2.4     | 3                | 2.6     | 3                      | 8.1     | 7      | 3.0     |
| 47         | 103    | 2.6     | 95     | 2.7     | 1                | 0.9     | 1                      | 2.7     | 6      | 2.6     |
| 48         | 117    | 3.0     | 105    | 3.0     | 4                | 3.4     | 0                      | 0.0     | 8      | 3.4     |
| 49         | 86     | 2.2     | 80     | 2.3     | 2                | 1.7     | 0                      | 0.0     | 4      | 1.7     |
| 45 – 49    | 515    | 13.1    | 463    | 13.1    | 12               | 10.3    | 4                      | 10.8    | 36     | 15.4    |
| 50 +       | 966    | 24.6    | 904    | 25.5    | 36               | 30.8    | 5                      | 13.5    | 21     | 9.0     |
| Not Stated | 29     | 0.7     | 15     | 0.4     | 3                | 2.6     | 0                      | 0.0     | 11     | 4.7     |

**TABLE 36**  
**DISSOLUTIONS BY AGE OF PRIMARY MARRIAGE AND REMAINDER, BY PARTY A AND PARTY B**  
**2016 OCCURRENCE DATA**

| Age               | Primary Marriage |              |              |              |              | Remainder    |              |              |  |
|-------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
|                   | Party A          |              | Party B      |              | Party A      |              | Party B      |              |  |
|                   | Number           | Percent      | Number       | Percent      | Number       | Percent      | Number       | Percent      |  |
| <b>Total</b>      | <b>2,638</b>     | <b>100.0</b> | <b>2,603</b> | <b>100.0</b> | <b>1,294</b> | <b>100.0</b> | <b>1,329</b> | <b>100.0</b> |  |
| 16                | 0                | 0.0          | 0            | 0.0          | 0            | 0.0          | 0            | 0.0          |  |
| 17                | 0                | 0.0          | 1            | 0.0          | 0            | 0.0          | 0            | 0.0          |  |
| 18                | 0                | 0.0          | 0            | 0.0          | 0            | 0.0          | 0            | 0.0          |  |
| 19                | 3                | 0.1          | 1            | 0.0          | 0            | 0.0          | 1            | 0.1          |  |
| <b>16 – 19</b>    | <b>3</b>         | <b>0.1</b>   | <b>2</b>     | <b>0.1</b>   | <b>0</b>     | <b>0.0</b>   | <b>1</b>     | <b>0.1</b>   |  |
| 20                | 7                | 0.3          | 6            | 0.2          | 0            | 0.0          | 0            | 0.0          |  |
| 21                | 17               | 0.6          | 15           | 0.6          | 0            | 0.0          | 0            | 0.0          |  |
| 22                | 23               | 0.9          | 24           | 0.9          | 2            | 0.2          | 1            | 0.1          |  |
| 23                | 53               | 2.0          | 32           | 1.2          | 5            | 0.4          | 4            | 0.3          |  |
| 24                | 52               | 2.0          | 45           | 1.7          | 4            | 0.3          | 6            | 0.5          |  |
| <b>20 – 24</b>    | <b>152</b>       | <b>5.8</b>   | <b>122</b>   | <b>4.7</b>   | <b>11</b>    | <b>0.9</b>   | <b>11</b>    | <b>0.8</b>   |  |
| 25                | 66               | 2.5          | 102          | 3.9          | 8            | 0.6          | 8            | 0.6          |  |
| 26                | 92               | 3.5          | 62           | 2.4          | 12           | 0.9          | 10           | 0.8          |  |
| 27                | 109              | 4.1          | 67           | 2.6          | 8            | 0.6          | 9            | 0.7          |  |
| 28                | 101              | 3.8          | 82           | 3.2          | 15           | 1.2          | 13           | 1.0          |  |
| 29                | 78               | 3.0          | 90           | 3.5          | 18           | 1.4          | 14           | 1.1          |  |
| <b>25 – 29</b>    | <b>446</b>       | <b>16.9</b>  | <b>403</b>   | <b>15.5</b>  | <b>61</b>    | <b>4.7</b>   | <b>54</b>    | <b>4.1</b>   |  |
| 30                | 101              | 3.8          | 83           | 3.2          | 19           | 1.5          | 15           | 1.1          |  |
| 31                | 103              | 3.9          | 87           | 3.3          | 22           | 1.7          | 19           | 1.4          |  |
| 32                | 100              | 3.8          | 94           | 3.6          | 24           | 1.9          | 22           | 1.7          |  |
| 33                | 87               | 3.3          | 124          | 4.8          | 29           | 2.2          | 24           | 1.8          |  |
| 34                | 100              | 3.8          | 108          | 4.1          | 30           | 2.3          | 23           | 1.7          |  |
| <b>30 – 34</b>    | <b>491</b>       | <b>18.6</b>  | <b>496</b>   | <b>19.1</b>  | <b>124</b>   | <b>9.6</b>   | <b>103</b>   | <b>7.8</b>   |  |
| 35                | 106              | 4.0          | 106          | 4.1          | 39           | 3.0          | 32           | 2.4          |  |
| 36                | 99               | 3.8          | 105          | 4.0          | 38           | 2.9          | 34           | 2.6          |  |
| 37                | 93               | 3.5          | 89           | 3.4          | 40           | 3.1          | 45           | 3.4          |  |
| 38                | 83               | 3.1          | 72           | 2.8          | 29           | 2.2          | 36           | 2.7          |  |
| 39                | 100              | 3.8          | 92           | 3.5          | 38           | 2.9          | 37           | 2.8          |  |
| <b>35 – 39</b>    | <b>481</b>       | <b>18.2</b>  | <b>464</b>   | <b>17.8</b>  | <b>184</b>   | <b>14.2</b>  | <b>184</b>   | <b>13.8</b>  |  |
| 40                | 90               | 3.4          | 89           | 3.4          | 35           | 2.7          | 37           | 2.8          |  |
| 41                | 89               | 3.4          | 72           | 2.8          | 43           | 3.3          | 42           | 3.2          |  |
| 42                | 64               | 2.4          | 76           | 2.9          | 47           | 3.6          | 36           | 2.7          |  |
| 43                | 73               | 2.8          | 71           | 2.7          | 50           | 3.9          | 35           | 2.6          |  |
| 44                | 55               | 2.1          | 71           | 2.7          | 36           | 2.8          | 53           | 4.0          |  |
| <b>40 – 44</b>    | <b>371</b>       | <b>14.1</b>  | <b>379</b>   | <b>14.6</b>  | <b>211</b>   | <b>16.3</b>  | <b>203</b>   | <b>15.3</b>  |  |
| 45                | 65               | 2.5          | 66           | 2.5          | 34           | 2.6          | 44           | 3.3          |  |
| 46                | 66               | 2.5          | 56           | 2.2          | 63           | 4.9          | 43           | 3.2          |  |
| 47                | 66               | 2.5          | 54           | 2.1          | 33           | 2.6          | 49           | 3.7          |  |
| 48                | 58               | 2.2          | 72           | 2.8          | 37           | 2.9          | 45           | 3.4          |  |
| 49                | 49               | 1.9          | 43           | 1.7          | 41           | 3.2          | 43           | 3.2          |  |
| <b>45 – 49</b>    | <b>304</b>       | <b>11.5</b>  | <b>291</b>   | <b>11.2</b>  | <b>208</b>   | <b>16.1</b>  | <b>224</b>   | <b>16.9</b>  |  |
| 50 +              | 388              | 14.7         | 430          | 16.5         | 492          | 38.0         | 536          | 40.3         |  |
| <b>Not Stated</b> | <b>2</b>         | <b>0.1</b>   | <b>16</b>    | <b>0.6</b>   | <b>3</b>     | <b>0.2</b>   | <b>13</b>    | <b>1.0</b>   |  |

**TABLE 37**  
**DISSOLUTIONS BY AGE, PERCENT DISTRIBUTION, BY YEAR**  
**2011-2016 OCCURRENCE DATA**

| Ages              | 2016         |              |              |              | 2015         |              |              |              | 2014         |              |              |              |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                   | Party A      |              | Party B      |              | Party A      |              | Party B      |              | Party A      |              | Party B      |              |
|                   | Number       | Percent      |
| <b>Total</b>      | <b>3,932</b> | <b>100.0</b> | <b>3,932</b> | <b>100.0</b> | <b>3,785</b> | <b>100.0</b> | <b>3,785</b> | <b>100.0</b> | <b>4,677</b> | <b>100.0</b> | <b>4,677</b> | <b>100.0</b> |
| <b>16 – 19</b>    | 3            | 0.1          | 3            | 0.1          | 6            | 0.2          | 5            | 0.1          | 1            | 0.0          | 9            | 0.2          |
| <b>20 – 24</b>    | 163          | 4.1          | 133          | 3.4          | 146          | 3.9          | 127          | 3.4          | 142          | 3.0          | 238          | 5.1          |
| <b>25 – 29</b>    | 507          | 12.9         | 457          | 11.6         | 441          | 11.7         | 422          | 11.1         | 506          | 10.8         | 649          | 13.9         |
| <b>30 – 34</b>    | 615          | 15.6         | 599          | 15.2         | 610          | 16.1         | 585          | 15.5         | 701          | 15.0         | 790          | 16.9         |
| <b>35 – 39</b>    | 665          | 16.9         | 648          | 16.5         | 611          | 16.1         | 599          | 15.8         | 726          | 15.5         | 751          | 16.1         |
| <b>40 – 44</b>    | 582          | 14.8         | 582          | 14.8         | 546          | 14.4         | 570          | 15.1         | 742          | 15.9         | 692          | 14.8         |
| <b>45 – 49</b>    | 512          | 13.0         | 515          | 13.1         | 507          | 13.4         | 497          | 13.1         | 614          | 13.1         | 596          | 12.7         |
| <b>50 +</b>       | 880          | 22.4         | 966          | 24.6         | 916          | 24.2         | 968          | 25.6         | 1,236        | 26.4         | 943          | 20.2         |
| <b>Not Stated</b> | 5            | 0.1          | 29           | 0.7          | 2            | 0.1          | 12           | 0.3          | 9            | 0.2          | 9            | 0.2          |

| Ages              | 2013         |              |              |              | 2012         |              |              |              | 2011         |              |              |              |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                   | Party A      |              | Party B      |              | Party A*     |              | Party B*     |              | Husband      |              | Wife         |              |
|                   | Number       | Percent      |
| <b>Total</b>      | <b>5,766</b> | <b>100.0</b> | <b>5,766</b> | <b>100.0</b> | <b>6,715</b> | <b>100.0</b> | <b>6,715</b> | <b>100.0</b> | <b>7,416</b> | <b>100.0</b> | <b>7,416</b> | <b>100.0</b> |
| <b>16 – 19</b>    | 2            | 0.0          | 8            | 0.1          | 5            | 0.1          | 15           | 0.2          | 4            | 0.1          | 14           | 0.2          |
| <b>20 – 24</b>    | 176          | 3.1          | 311          | 5.4          | 237          | 3.5          | 428          | 6.4          | 255          | 3.4          | 461          | 6.2          |
| <b>25 – 29</b>    | 598          | 10.4         | 775          | 13.4         | 760          | 11.3         | 932          | 13.9         | 875          | 11.8         | 1,135        | 15.3         |
| <b>30 – 34</b>    | 910          | 15.8         | 1,006        | 17.4         | 1,057        | 15.7         | 1,151        | 17.1         | 1,194        | 16.1         | 1,309        | 17.7         |
| <b>35 – 39</b>    | 945          | 16.4         | 924          | 16.0         | 1,076        | 16.0         | 1,045        | 15.6         | 1,238        | 16.7         | 1,254        | 16.9         |
| <b>40 – 44</b>    | 894          | 15.5         | 881          | 15.3         | 1,082        | 16.1         | 1,037        | 15.4         | 1,191        | 16.1         | 1,114        | 15.0         |
| <b>45 – 49</b>    | 817          | 14.2         | 730          | 12.7         | 885          | 13.2         | 842          | 12.5         | 1,000        | 13.5         | 919          | 12.4         |
| <b>50 +</b>       | 1,404        | 24.3         | 1,116        | 19.4         | 1,597        | 23.8         | 1,240        | 18.5         | 1,644        | 22.2         | 1,190        | 16.0         |
| <b>Not Stated</b> | 20           | 0.3          | 15           | 0.3          | 16           | 0.2          | 25           | 0.4          | 15           | 0.2          | 20           | 0.3          |

\* Starting in 2012, Husband and Wife fields on the dissolution form were changed to Party A and Party B.

**TABLE 38**  
**DISSOLUTIONS BY DURATION OF MARRIAGE, BY RACE OF PARTY A**  
**2016 OCCURRENCE DATA**

| Duration in Years | Total        |              | White        |              | African American |              | Asian/Pacific Islander |              | Other      |              |
|-------------------|--------------|--------------|--------------|--------------|------------------|--------------|------------------------|--------------|------------|--------------|
|                   | Number       | Percent      | Number       | Percent      | Number           | Percent      | Number                 | Percent      | Number     | Percent      |
| <b>Total</b>      | <b>3,932</b> | <b>100.0</b> | <b>3,603</b> | <b>100.0</b> | <b>105</b>       | <b>100.0</b> | <b>36</b>              | <b>100.0</b> | <b>188</b> | <b>100.0</b> |
| < 1               | 74           | 1.9          | 70           | 1.9          | 0                | 0.0          | 3                      | 8.3          | 1          | 0.5          |
| 1                 | 198          | 5.0          | 182          | 5.1          | 4                | 3.8          | 5                      | 13.9         | 7          | 3.7          |
| 2                 | 243          | 6.2          | 219          | 6.1          | 11               | 10.5         | 3                      | 8.3          | 10         | 5.3          |
| 3                 | 271          | 6.9          | 243          | 6.7          | 7                | 6.7          | 4                      | 11.1         | 17         | 9.0          |
| 4                 | 247          | 6.3          | 222          | 6.2          | 10               | 9.5          | 4                      | 11.1         | 11         | 5.9          |
| <b>0 – 4</b>      | <b>1,033</b> | <b>26.3</b>  | <b>936</b>   | <b>26.0</b>  | <b>32</b>        | <b>30.5</b>  | <b>19</b>              | <b>52.8</b>  | <b>46</b>  | <b>24.5</b>  |
| 5                 | 245          | 6.2          | 223          | 6.2          | 6                | 5.7          | 1                      | 2.8          | 15         | 8.0          |
| 6                 | 248          | 6.3          | 227          | 6.3          | 9                | 8.6          | 0                      | 0.0          | 12         | 6.4          |
| 7                 | 197          | 5.0          | 180          | 5.0          | 5                | 4.8          | 1                      | 2.8          | 11         | 5.9          |
| 8                 | 188          | 4.8          | 175          | 4.9          | 5                | 4.8          | 0                      | 0.0          | 8          | 4.3          |
| 9                 | 189          | 4.8          | 166          | 4.6          | 6                | 5.7          | 1                      | 2.8          | 16         | 8.5          |
| <b>5 – 9</b>      | <b>1,067</b> | <b>27.1</b>  | <b>971</b>   | <b>26.9</b>  | <b>31</b>        | <b>29.5</b>  | <b>3</b>               | <b>8.3</b>   | <b>62</b>  | <b>33.0</b>  |
| 10                | 153          | 3.9          | 138          | 3.8          | 8                | 7.6          | 3                      | 8.3          | 4          | 2.1          |
| 11                | 135          | 3.4          | 126          | 3.5          | 2                | 1.9          | 1                      | 2.8          | 6          | 3.2          |
| 12                | 117          | 3.0          | 105          | 2.9          | 4                | 3.8          | 0                      | 0.0          | 8          | 4.3          |
| 13                | 114          | 2.9          | 104          | 2.9          | 4                | 3.8          | 3                      | 8.3          | 3          | 1.6          |
| 14                | 104          | 2.6          | 100          | 2.8          | 2                | 1.9          | 1                      | 2.8          | 1          | 0.5          |
| <b>10 – 14</b>    | <b>623</b>   | <b>15.8</b>  | <b>573</b>   | <b>15.9</b>  | <b>20</b>        | <b>19.0</b>  | <b>8</b>               | <b>22.2</b>  | <b>22</b>  | <b>11.7</b>  |
| 15                | 99           | 2.5          | 92           | 2.6          | 1                | 1.0          | 1                      | 2.8          | 5          | 2.7          |
| 16                | 126          | 3.2          | 113          | 3.1          | 2                | 1.9          | 2                      | 5.6          | 9          | 4.8          |
| 17                | 77           | 2.0          | 66           | 1.8          | 7                | 6.7          | 0                      | 0.0          | 4          | 2.1          |
| 18                | 81           | 2.1          | 75           | 2.1          | 3                | 2.9          | 0                      | 0.0          | 3          | 1.6          |
| 19                | 80           | 2.0          | 77           | 2.1          | 0                | 0.0          | 0                      | 0.0          | 3          | 1.6          |
| <b>15 – 19</b>    | <b>463</b>   | <b>11.8</b>  | <b>423</b>   | <b>11.7</b>  | <b>13</b>        | <b>12.4</b>  | <b>3</b>               | <b>8.3</b>   | <b>24</b>  | <b>12.8</b>  |
| 20                | 64           | 1.6          | 59           | 1.6          | 1                | 1.0          | 0                      | 0.0          | 4          | 2.1          |
| 21                | 83           | 2.1          | 74           | 2.1          | 1                | 1.0          | 0                      | 0.0          | 8          | 4.3          |
| 22                | 63           | 1.6          | 61           | 1.7          | 1                | 1.0          | 0                      | 0.0          | 1          | 0.5          |
| 23                | 52           | 1.3          | 50           | 1.4          | 1                | 1.0          | 0                      | 0.0          | 1          | 0.5          |
| 24                | 54           | 1.4          | 52           | 1.4          | 0                | 0.0          | 0                      | 0.0          | 2          | 1.1          |
| <b>20 – 24</b>    | <b>316</b>   | <b>8.0</b>   | <b>296</b>   | <b>8.2</b>   | <b>4</b>         | <b>3.8</b>   | <b>0</b>               | <b>0.0</b>   | <b>16</b>  | <b>8.5</b>   |
| 25                | 57           | 1.4          | 54           | 1.5          | 1                | 1.0          | 0                      | 0.0          | 2          | 1.1          |
| 26                | 45           | 1.1          | 41           | 1.1          | 1                | 1.0          | 1                      | 2.8          | 2          | 1.1          |
| 27                | 35           | 0.9          | 34           | 0.9          | 0                | 0.0          | 1                      | 2.8          | 0          | 0.0          |
| 28                | 36           | 0.9          | 34           | 0.9          | 1                | 1.0          | 1                      | 2.8          | 0          | 0.0          |
| 29                | 33           | 0.8          | 31           | 0.9          | 0                | 0.0          | 0                      | 0.0          | 2          | 1.1          |
| <b>25 – 29</b>    | <b>206</b>   | <b>5.2</b>   | <b>194</b>   | <b>5.4</b>   | <b>3</b>         | <b>2.9</b>   | <b>3</b>               | <b>8.3</b>   | <b>6</b>   | <b>3.2</b>   |
| 30                | 17           | 0.4          | 16           | 0.4          | 0                | 0.0          | 0                      | 0.0          | 1          | 0.5          |
| 31                | 17           | 0.4          | 16           | 0.4          | 1                | 1.0          | 0                      | 0.0          | 0          | 0.0          |
| 32                | 17           | 0.4          | 17           | 0.5          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| 33                | 17           | 0.4          | 16           | 0.4          | 0                | 0.0          | 0                      | 0.0          | 1          | 0.5          |
| 34                | 20           | 0.5          | 20           | 0.6          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| <b>30 – 34</b>    | <b>88</b>    | <b>2.2</b>   | <b>85</b>    | <b>2.4</b>   | <b>1</b>         | <b>1.0</b>   | <b>0</b>               | <b>0.0</b>   | <b>2</b>   | <b>1.1</b>   |
| 35                | 14           | 0.4          | 12           | 0.3          | 0                | 0.0          | 0                      | 0.0          | 2          | 1.1          |
| 36                | 8            | 0.2          | 8            | 0.2          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| 37                | 16           | 0.4          | 15           | 0.4          | 0                | 0.0          | 0                      | 0.0          | 1          | 0.5          |
| 38                | 10           | 0.3          | 10           | 0.3          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| 39                | 16           | 0.4          | 16           | 0.4          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| <b>35 – 39</b>    | <b>64</b>    | <b>1.6</b>   | <b>61</b>    | <b>1.7</b>   | <b>0</b>         | <b>0.0</b>   | <b>0</b>               | <b>0.0</b>   | <b>3</b>   | <b>1.6</b>   |
| <b>40 +</b>       | <b>72</b>    | <b>1.8</b>   | <b>64</b>    | <b>1.8</b>   | <b>1</b>         | <b>1.0</b>   | <b>0</b>               | <b>0.0</b>   | <b>7</b>   | <b>3.7</b>   |
| <b>Not Stated</b> | <b>0</b>     | <b>0.0</b>   | <b>0</b>     | <b>0.0</b>   | <b>0</b>         | <b>0.0</b>   | <b>0</b>               | <b>0.0</b>   | <b>0</b>   | <b>0.0</b>   |

**TABLE 38 A**  
**DISSOLUTIONS BY DURATION OF MARRIAGE, BY RACE OF PARTY B**  
**2016 OCCURRENCE DATA**

| Duration in Years | Total        |              | White        |              | African American |              | Asian/Pacific Islander |              | Other      |              |
|-------------------|--------------|--------------|--------------|--------------|------------------|--------------|------------------------|--------------|------------|--------------|
|                   | Number       | Percent      | Number       | Percent      | Number           | Percent      | Number                 | Percent      | Number     | Percent      |
| <b>Total</b>      | <b>3,932</b> | <b>100.0</b> | <b>3,544</b> | <b>100.0</b> | <b>117</b>       | <b>100.0</b> | <b>37</b>              | <b>100.0</b> | <b>234</b> | <b>100.0</b> |
| < 1               | 74           | 1.9          | 68           | 1.9          | 1                | 0.9          | 2                      | 5.4          | 3          | 1.3          |
| 1                 | 198          | 5.0          | 172          | 4.9          | 6                | 5.1          | 7                      | 18.9         | 13         | 5.6          |
| 2                 | 243          | 6.2          | 217          | 6.1          | 10               | 8.5          | 1                      | 2.7          | 15         | 6.4          |
| 3                 | 271          | 6.9          | 237          | 6.7          | 6                | 5.1          | 4                      | 10.8         | 24         | 10.3         |
| 4                 | 247          | 6.3          | 212          | 6.0          | 11               | 9.4          | 3                      | 8.1          | 21         | 9.0          |
| <b>0 – 4</b>      | <b>1,033</b> | <b>26.3</b>  | <b>906</b>   | <b>25.6</b>  | <b>34</b>        | <b>29.1</b>  | <b>17</b>              | <b>45.9</b>  | <b>76</b>  | <b>32.5</b>  |
| 5                 | 245          | 6.2          | 222          | 6.3          | 4                | 3.4          | 4                      | 10.8         | 15         | 6.4          |
| 6                 | 248          | 6.3          | 225          | 6.3          | 9                | 7.7          | 0                      | 0.0          | 14         | 6.0          |
| 7                 | 197          | 5.0          | 178          | 5.0          | 6                | 5.1          | 1                      | 2.7          | 12         | 5.1          |
| 8                 | 188          | 4.8          | 169          | 4.8          | 5                | 4.3          | 2                      | 5.4          | 12         | 5.1          |
| 9                 | 189          | 4.8          | 166          | 4.7          | 11               | 9.4          | 0                      | 0.0          | 12         | 5.1          |
| <b>5 – 9</b>      | <b>1,067</b> | <b>27.1</b>  | <b>960</b>   | <b>27.1</b>  | <b>35</b>        | <b>29.9</b>  | <b>7</b>               | <b>18.9</b>  | <b>65</b>  | <b>27.8</b>  |
| 10                | 153          | 3.9          | 134          | 3.8          | 7                | 6.0          | 3                      | 8.1          | 9          | 3.8          |
| 11                | 135          | 3.4          | 127          | 3.6          | 1                | 0.9          | 0                      | 0.0          | 7          | 3.0          |
| 12                | 117          | 3.0          | 101          | 2.8          | 5                | 4.3          | 1                      | 2.7          | 10         | 4.3          |
| 13                | 114          | 2.9          | 100          | 2.8          | 4                | 3.4          | 2                      | 5.4          | 8          | 3.4          |
| 14                | 104          | 2.6          | 99           | 2.8          | 3                | 2.6          | 1                      | 2.7          | 1          | 0.4          |
| <b>10 – 14</b>    | <b>623</b>   | <b>15.8</b>  | <b>561</b>   | <b>15.8</b>  | <b>20</b>        | <b>17.1</b>  | <b>7</b>               | <b>18.9</b>  | <b>35</b>  | <b>15.0</b>  |
| 15                | 99           | 2.5          | 93           | 2.6          | 1                | 0.9          | 1                      | 2.7          | 4          | 1.7          |
| 16                | 126          | 3.2          | 113          | 3.2          | 4                | 3.4          | 1                      | 2.7          | 8          | 3.4          |
| 17                | 77           | 2.0          | 66           | 1.9          | 7                | 6.0          | 0                      | 0.0          | 4          | 1.7          |
| 18                | 81           | 2.1          | 74           | 2.1          | 4                | 3.4          | 0                      | 0.0          | 3          | 1.3          |
| 19                | 80           | 2.0          | 74           | 2.1          | 1                | 0.9          | 1                      | 2.7          | 4          | 1.7          |
| <b>15 – 19</b>    | <b>463</b>   | <b>11.8</b>  | <b>420</b>   | <b>11.9</b>  | <b>17</b>        | <b>14.5</b>  | <b>3</b>               | <b>8.1</b>   | <b>23</b>  | <b>9.8</b>   |
| 20                | 64           | 1.6          | 60           | 1.7          | 1                | 0.9          | 0                      | 0.0          | 3          | 1.3          |
| 21                | 83           | 2.1          | 74           | 2.1          | 1                | 0.9          | 0                      | 0.0          | 8          | 3.4          |
| 22                | 63           | 1.6          | 61           | 1.7          | 1                | 0.9          | 0                      | 0.0          | 1          | 0.4          |
| 23                | 52           | 1.3          | 46           | 1.3          | 0                | 0.0          | 2                      | 5.4          | 4          | 1.7          |
| 24                | 54           | 1.4          | 51           | 1.4          | 1                | 0.9          | 0                      | 0.0          | 2          | 0.9          |
| <b>20 – 24</b>    | <b>316</b>   | <b>8.0</b>   | <b>292</b>   | <b>8.2</b>   | <b>4</b>         | <b>3.4</b>   | <b>2</b>               | <b>5.4</b>   | <b>18</b>  | <b>7.7</b>   |
| 25                | 57           | 1.4          | 54           | 1.5          | 1                | 0.9          | 0                      | 0.0          | 2          | 0.9          |
| 26                | 45           | 1.1          | 43           | 1.2          | 1                | 0.9          | 0                      | 0.0          | 1          | 0.4          |
| 27                | 35           | 0.9          | 34           | 1.0          | 0                | 0.0          | 1                      | 2.7          | 0          | 0.0          |
| 28                | 36           | 0.9          | 35           | 1.0          | 1                | 0.9          | 0                      | 0.0          | 0          | 0.0          |
| 29                | 33           | 0.8          | 30           | 0.8          | 0                | 0.0          | 0                      | 0.0          | 3          | 1.3          |
| <b>25 – 29</b>    | <b>206</b>   | <b>5.2</b>   | <b>196</b>   | <b>5.5</b>   | <b>3</b>         | <b>2.6</b>   | <b>1</b>               | <b>2.7</b>   | <b>6</b>   | <b>2.6</b>   |
| 30                | 17           | 0.4          | 15           | 0.4          | 0                | 0.0          | 0                      | 0.0          | 2          | 0.9          |
| 31                | 17           | 0.4          | 16           | 0.5          | 1                | 0.9          | 0                      | 0.0          | 0          | 0.0          |
| 32                | 17           | 0.4          | 16           | 0.5          | 0                | 0.0          | 0                      | 0.0          | 1          | 0.4          |
| 33                | 17           | 0.4          | 17           | 0.5          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| 34                | 20           | 0.5          | 20           | 0.6          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| <b>30 – 34</b>    | <b>88</b>    | <b>2.2</b>   | <b>84</b>    | <b>2.4</b>   | <b>1</b>         | <b>0.9</b>   | <b>0</b>               | <b>0.0</b>   | <b>3</b>   | <b>1.3</b>   |
| 35                | 14           | 0.4          | 12           | 0.3          | 0                | 0.0          | 0                      | 0.0          | 2          | 0.9          |
| 36                | 8            | 0.2          | 8            | 0.2          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| 37                | 16           | 0.4          | 15           | 0.4          | 0                | 0.0          | 0                      | 0.0          | 1          | 0.4          |
| 38                | 10           | 0.3          | 10           | 0.3          | 0                | 0.0          | 0                      | 0.0          | 0          | 0.0          |
| 39                | 16           | 0.4          | 15           | 0.4          | 1                | 0.9          | 0                      | 0.0          | 0          | 0.0          |
| <b>35 – 39</b>    | <b>64</b>    | <b>1.6</b>   | <b>60</b>    | <b>1.7</b>   | <b>1</b>         | <b>0.9</b>   | <b>0</b>               | <b>0.0</b>   | <b>3</b>   | <b>1.3</b>   |
| <b>40 +</b>       | <b>72</b>    | <b>1.8</b>   | <b>65</b>    | <b>1.8</b>   | <b>2</b>         | <b>1.7</b>   | <b>0</b>               | <b>0.0</b>   | <b>5</b>   | <b>2.1</b>   |
| <b>Not Stated</b> | <b>0</b>     | <b>0.0</b>   | <b>0</b>     | <b>0.0</b>   | <b>0</b>         | <b>0.0</b>   | <b>0</b>               | <b>0.0</b>   | <b>0</b>   | <b>0.0</b>   |

**TABLE 39**  
**NUMBER OF DISSOLUTIONS INVOLVING CHILDREN UNDER 18 YEARS, BY RACE OF PARTY A**  
**2016 OCCURRENCE DATA**

| Number of Children | Total  |         | White  |         | African American |         | Asian/Pacific Islander |         | Other  |         |
|--------------------|--------|---------|--------|---------|------------------|---------|------------------------|---------|--------|---------|
|                    | Number | Percent | Number | Percent | Number           | Percent | Number                 | Percent | Number | Percent |
| Total              | 3,932  | 100.0   | 3,603  | 100.0   | 105              | 100.0   | 36                     | 100.0   | 188    | 100.0   |
| None               | 1,930  | 49.1    | 1,761  | 48.9    | 67               | 63.8    | 24                     | 66.7    | 78     | 41.5    |
| 1                  | 805    | 20.5    | 740    | 20.5    | 16               | 15.2    | 2                      | 5.6     | 47     | 25.0    |
| 2                  | 799    | 20.3    | 736    | 20.4    | 11               | 10.5    | 7                      | 19.4    | 45     | 23.9    |
| 3                  | 307    | 7.8     | 288    | 8.0     | 7                | 6.7     | 1                      | 2.8     | 11     | 5.9     |
| 4                  | 66     | 1.7     | 56     | 1.6     | 3                | 2.9     | 2                      | 5.6     | 5      | 2.7     |
| 5                  | 22     | 0.6     | 20     | 0.6     | 1                | 1.0     | 0                      | 0.0     | 1      | 0.5     |
| 6                  | 3      | 0.1     | 2      | 0.1     | 0                | 0.0     | 0                      | 0.0     | 1      | 0.5     |
| 7                  | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 8                  | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 9                  | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 10 +               | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| Not Stated         | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |

**TABLE 39 A**  
**NUMBER OF DISSOLUTIONS INVOLVING CHILDREN UNDER 18 YEARS, BY RACE OF PARTY B**  
**2016 OCCURRENCE DATA**

| Number of Children | Total  |         | White  |         | African American |         | Asian/Pacific Islander |         | Other  |         |
|--------------------|--------|---------|--------|---------|------------------|---------|------------------------|---------|--------|---------|
|                    | Number | Percent | Number | Percent | Number           | Percent | Number                 | Percent | Number | Percent |
| Total              | 3,932  | 100.0   | 3,544  | 100.0   | 117              | 100.0   | 37                     | 100.0   | 234    | 100.0   |
| None               | 1,930  | 49.1    | 1,741  | 49.1    | 71               | 60.7    | 22                     | 59.5    | 96     | 41.0    |
| 1                  | 805    | 20.5    | 716    | 20.2    | 21               | 17.9    | 6                      | 16.2    | 62     | 26.5    |
| 2                  | 799    | 20.3    | 725    | 20.5    | 13               | 11.1    | 8                      | 21.6    | 53     | 22.6    |
| 3                  | 307    | 7.8     | 284    | 8.0     | 9                | 7.7     | 0                      | 0.0     | 14     | 6.0     |
| 4                  | 66     | 1.7     | 57     | 1.6     | 2                | 1.7     | 1                      | 2.7     | 6      | 2.6     |
| 5                  | 22     | 0.6     | 18     | 0.5     | 1                | 0.9     | 0                      | 0.0     | 3      | 1.3     |
| 6                  | 3      | 0.1     | 3      | 0.1     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 7                  | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 8                  | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 9                  | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| 10 +               | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |
| Not Stated         | 0      | 0.0     | 0      | 0.0     | 0                | 0.0     | 0                      | 0.0     | 0      | 0.0     |

**TABLE 40**  
**LIVE BIRTHS & DEATHS BY COUNTY AND CITY**  
**2016 RESIDENT DATA**

| PLACE            | BIRTHS     | DEATHS     | PLACE              | BIRTHS       | DEATHS       | PLACE              | BIRTHS     | DEATHS     |
|------------------|------------|------------|--------------------|--------------|--------------|--------------------|------------|------------|
| <b>Adair</b>     | <b>77</b>  | <b>106</b> | <b>Black Hawk</b>  | <b>1,669</b> | <b>1,240</b> | <b>Calhoun</b>     | <b>111</b> | <b>144</b> |
| Rest of County   | 20         | 22         | Rest of County     | 68           | 66           | Rest of County     | 19         | 12         |
| Adair            | 8          | 8          | Cedar Falls        | 436          | 353          | Auburn             | *          | *          |
| Anita            | *          | *          | Dunkerton          | 16           | 10           | Farnhamville       | 7          | *          |
| Bridgewater      | *          | *          | Elk Run Heights    | 8            | 9            | Lake City          | 25         | 48         |
| Casey            | *          | *          | Evansdale          | 55           | 47           | Lohrville          | 9          | 8          |
| Creston          | *          | *          | Gilbertville       | 6            | 6            | Lyttion            | *          | *          |
| Fontanelle       | 7          | 15         | Hudson             | 22           | 13           | Manson             | 22         | 30         |
| Greenfield       | 21         | 29         | Janesville         | *            | *            | Pomeroy            | *          | 19         |
| Orient           | *          | *          | Jesup              | 9            | *            | Rockwell City      | 22         | 23         |
| Stuart           | 11         | 23         | La Porte City      | 22           | 40           |                    |            |            |
|                  |            |            | Raymond            | 8            | *            |                    |            |            |
|                  |            |            | Waterloo           | 1,014        | 693          | <b>Carroll</b>     | <b>265</b> | <b>230</b> |
| <b>Adams</b>     | <b>38</b>  | <b>47</b>  | <b>Boone</b>       | <b>301</b>   | <b>306</b>   | Rest of County     | 44         | 26         |
| Rest of County   | 15         | 12         | Rest of County     | 70           | 32           | Arcadia            | 9          | *          |
| Corning          | 16         | 32         | Ames               | 6            | *            | Breda              | 10         | *          |
| Lenox            | *          | *          | Beaver             | *            | *            | Carroll            | 133        | 132        |
| Nodaway          | *          | *          | Boone              | 165          | 169          | Coon Rapids        | 23         | 24         |
| Prescott         | *          | *          | Boxholm            | *            | 7            | Dedham             | *          | *          |
|                  |            |            | Luther             | *            | *            | Glidden            | 13         | 11         |
| <b>Allamakee</b> | <b>198</b> | <b>151</b> | Madrid             | 40           | 57           | Halbur             | *          | *          |
| Rest of County   | 60         | 22         | Ogden              | 15           | 27           | Lanesboro          | *          | *          |
| Harpers Ferry    | *          | *          | Perry              | *            | *            | Lidderdale         | *          | *          |
| Lansing          | 16         | 22         | Pilot Mound        | *            | *            | Manning            | 18         | 27         |
| New Albin        | *          | *          | Story City         | *            | *            | Templeton          | *          | *          |
| Postville        | 53         | 21         | Woodward           | *            | *            |                    |            |            |
| Union City       | *          | *          |                    |              |              | <b>Cass</b>        | <b>135</b> | <b>191</b> |
| Waterloo         | *          | *          |                    |              |              | Rest of County     | 33         | 28         |
| Waterville       | *          | *          |                    |              |              | Anita              | *          | 11         |
| Waukon           | 63         | 76         |                    |              |              | Atlantic           | 73         | 120        |
|                  |            |            | <b>Bremer</b>      | <b>251</b>   | <b>219</b>   | Cumberland         | *          | *          |
| <b>Appanoose</b> | <b>155</b> | <b>155</b> | Rest of County     | 56           | 32           | Griswold           | 9          | 21         |
| Rest of County   | 38         | 42         | Denver             | 29           | 21           | Lewis              | *          | *          |
| Centerville      | 84         | 82         | Fairbank           | *            | *            | Marne              | *          | *          |
| Cincinnati       | *          | 6          | Frederika          | *            | *            | Massena            | *          | *          |
| Exline           | *          | *          | Janesville         | 10           | 9            | Wiota              | *          | *          |
| Moravia          | 7          | 7          | Plainfield         | *            | *            |                    |            |            |
| Moulton          | 6          | 7          | Readlyn            | 9            | *            | <b>Cedar</b>       | <b>167</b> | <b>200</b> |
| Mystic           | *          | *          | Summer             | 23           | 27           | Rest of County     | 36         | 34         |
| Numa             | *          | *          | Tripoli            | 29           | 14           | Bennett            | *          | *          |
| Plano            | *          | *          | Waverly            | 91           | 109          | Clarence           | 17         | 35         |
| Rathbun          | *          | *          |                    |              |              | Durant             | 17         | 13         |
| Udell            | *          | *          | <b>Buchanan</b>    | <b>296</b>   | <b>195</b>   | Lisbon             | *          | *          |
| Unionville       | *          | *          | Rest of County     | 90           | 51           | Lowden             | 10         | 8          |
|                  |            |            | Aurora             | *            | *            | Mechanicsville     | 14         | 10         |
| <b>Audubon</b>   | <b>54</b>  | <b>88</b>  | Brandon            | 8            | *            | Oxford Junction    | *          | *          |
| Rest of County   | 18         | 22         | Fairbank           | 14           | *            | Stanwood           | 13         | *          |
| Audubon          | 25         | 33         | Hazleton           | 18           | 6            | Tipton             | 28         | 59         |
| Brayton          | *          | *          | Independence       | 99           | 97           | West Branch        | 22         | 31         |
| Exira            | *          | 29         | Jesup              | 30           | 13           | Wilton             | *          | *          |
| Gray             | *          | *          | Lamont             | 6            | 7            |                    |            |            |
| Kimballton       | *          | *          | Oelwein            | *            | *            | <b>Cerro Gordo</b> | <b>448</b> | <b>539</b> |
| Manning          | *          | *          | Quasqueton         | 11           | *            | Rest of County     | 40         | 25         |
|                  |            |            | Rowley             | *            | *            | Clear Lake         | 65         | 106        |
| <b>Benton</b>    | <b>316</b> | <b>223</b> | Stanley            | *            | *            | Dougherty          | *          | *          |
| Rest of County   | 52         | 35         | Walker             | *            | *            | Klemme             | *          | *          |
| Atkins           | 25         | 7          | Winthrop           | 9            | *            | Mason City         | 295        | 366        |
| Belle Plaine     | 43         | 35         |                    |              |              | Meservey           | *          | *          |
| Blairstown       | 7          | *          | <b>Buena Vista</b> | <b>315</b>   | <b>191</b>   | Nora Springs       | *          | *          |
| Brandon          | *          | *          | Rest of County     | 34           | 28           | Plymouth           | 8          | 6          |
| Center Point     | *          | *          | Albert City        | 8            | 12           | Rock Falls         | *          | *          |
| Garrison         | *          | *          | Alta               | 40           | 11           | Rockford           | *          | *          |
| Keystone         | *          | 11         | Lakeside           | 8            | *            | Rockwell           | 18         | 20         |
| La Porte City    | *          | *          | Marathon           | *            | *            | Swaledale          | *          | *          |
| Luzerne          | *          | *          | Newell             | 15           | 13           | Thornton           | *          | *          |
| Mount Auburn     | *          | *          | Rembrandt          | *            | *            | Ventura            | 7          | *          |
| Newhall          | 15         | *          | Sioux Rapids       | 7            | 11           |                    |            |            |
| Norway           | 9          | *          | Storm Lake         | 199          | 109          | <b>Cherokee</b>    | <b>127</b> | <b>175</b> |
| Shellsburg       | 27         | 15         |                    |              |              | Rest of County     | 27         | 23         |
| Urbana           | 21         | 11         | <b>Butler</b>      | <b>138</b>   | <b>189</b>   | Aurelia            | 13         | 14         |
| Van Horne        | 9          | *          | Rest of County     | 34           | 46           | Cherokee           | 58         | 100        |
| Vinton           | 81         | 75         | Allison            | 10           | 20           | Cleghorn           | *          | *          |
| Walford          | 9          | *          | Aplington          | 11           | 19           | Larrabee           | *          | *          |
|                  |            |            | Aredale            | *            | *            | Marcus             | 14         | 23         |
|                  |            |            | Bristow            | *            | *            | Meriden            | *          | *          |
|                  |            |            | Clarksville        | 15           | 35           | Paullina           | *          | *          |
|                  |            |            | Dumont             | 10           | 9            | Peterson           | *          | *          |
|                  |            |            | Greene             | 7            | 16           | Quimby             | *          | 9          |
|                  |            |            | New Hartford       | 8            | *            | Washta             | *          | *          |
|                  |            |            | Parkersburg        | 26           | 18           |                    |            |            |
|                  |            |            | Shell Rock         | 15           | 18           |                    |            |            |

\* In this table, counts of five or less births/deaths are suppressed to protect confidentiality.

**TABLE 40 (CONTINUED)**  
**LIVE BIRTHS & DEATHS BY COUNTY AND CITY**  
**2016 RESIDENT DATA**

| PLACE             | BIRTHS     | DEATHS     | PLACE             | BIRTHS       | DEATHS     | PLACE            | BIRTHS       | DEATHS     |
|-------------------|------------|------------|-------------------|--------------|------------|------------------|--------------|------------|
| <b>Chickasaw</b>  | <b>143</b> | <b>136</b> | <b>Crawford</b>   | <b>254</b>   | <b>164</b> | <b>Dickinson</b> | <b>149</b>   | <b>189</b> |
| Rest of County    | 44         | 30         | Rest of County    | 35           | 25         | Rest of County   | 24           | 27         |
| Alta Vista        | *          | *          | Charter Oak       | 15           | 6          | Arnolds Park     | *            | 11         |
| Charles City      | *          | *          | Deloit            | *            | *          | Lake Park        | 12           | 21         |
| Fredericksburg    | 18         | 11         | Denison           | 152          | 95         | Milford          | 35           | 46         |
| Ionia             | 7          | *          | Dow City          | 9            | *          | Okoboji          | *            | 7          |
| Lawler            | *          | 9          | Dunlap            | *            | *          | Spirit Lake      | 62           | 67         |
| Nashua            | 20         | 24         | Kiron             | *            | *          | Superior         | *            | *          |
| New Hampton       | 44         | 56         | Manilla           | 12           | 19         | Terril           | 6            | *          |
| Waucoma           | *          | *          | Schleswig         | 13           | *          | Wahpeton         | *            | *          |
| <b>Clarke</b>     | <b>120</b> | <b>110</b> | Vail              | 8            | *          | West Okoboji     | *            | *          |
| Rest of County    | 21         | 26         | Westside          | *            | *          | <b>Dubuque</b>   | <b>1,196</b> | <b>867</b> |
| Murray            | 8          | *          | <b>Dallas</b>     | <b>1,269</b> | <b>487</b> | Rest of County   | 121          | 75         |
| New Virginia      | *          | *          | Rest of County    | 105          | 51         | Asbury           | 44           | 9          |
| Osceola           | 87         | 77         | Adel              | 65           | 43         | Balltown         | *            | *          |
| Woodburn          | *          | *          | Bouton            | *            | *          | Bellevue         | *            | *          |
| <b>Clay</b>       | <b>183</b> | <b>171</b> | Clive             | 126          | 16         | Bernard          | *            | *          |
| Rest of County    | 25         | 7          | Cumming           | *            | *          | Cascade          | 34           | 27         |
| Dickens           | *          | *          | Dallas Center     | 26           | 31         | Dubuque          | 798          | 658        |
| Everly            | 8          | 8          | Dawson            | *            | *          | Durango          | *            | *          |
| Fostoria          | *          | *          | De Soto           | 19           | 11         | Dyersville       | 42           | 51         |
| Gillett Grove     | *          | *          | Dexter            | 6            | *          | Eworth           | 28           | 12         |
| Greenville        | *          | *          | Earlham           | *            | *          | Farley           | 36           | 7          |
| Peterson          | *          | 10         | Granger           | 15           | 12         | Guttenberg       | *            | *          |
| Rossie            | *          | *          | Grimes            | *            | *          | Holy Cross       | 9            | *          |
| Royal             | 6          | *          | Linden            | *            | *          | Luxemburg        | 6            | *          |
| Ruthven           | *          | *          | Madrid            | *            | *          | New Vienna       | *            | *          |
| Sioux Rapids      | *          | *          | Minburn           | 7            | *          | Peosta           | 47           | 14         |
| Spencer           | 134        | 133        | Perry             | 127          | 96         | Sherrill         | 11           | *          |
| Webb              | *          | *          | Redfield          | 6            | 8          | Worthington      | *            | *          |
| <b>Clayton</b>    | <b>172</b> | <b>195</b> | Urbandale         | 140          | 17         | Zwingle          | *            | *          |
| Rest of County    | 59         | 42         | Van Meter         | 13           | 7          | <b>Emmet</b>     | <b>123</b>   | <b>121</b> |
| Clayton           | *          | *          | Waukee            | 324          | 94         | Rest of County   | 18           | 16         |
| Colesburg         | *          | *          | West Des Moines   | 262          | 74         | Armstrong        | 12           | 24         |
| Edgewood          | 8          | *          | Woodward          | 16           | *          | Dolliver         | *            | *          |
| Elkader           | 17         | 23         | <b>Davis</b>      | <b>183</b>   | <b>94</b>  | Estherville      | 87           | 69         |
| Farmersburg       | *          | *          | Rest of County    | 105          | 39         | Gruver           | *            | *          |
| Garber            | *          | *          | Bloomfield        | 69           | 52         | Ringsted         | *            | 8          |
| Garnavillo        | 6          | 9          | Drakesville       | 6            | *          | Wallingford      | *            | *          |
| Guttenberg        | 17         | 38         | Floris            | *            | *          | <b>Fayette</b>   | <b>212</b>   | <b>256</b> |
| Luana             | *          | *          | Milton            | *            | *          | Rest of County   | 60           | 33         |
| Marquette         | *          | *          | Pulaski           | *            | *          | Arlington        | 7            | 7          |
| McGregor          | 9          | 26         | <b>Decatur</b>    | <b>92</b>    | <b>86</b>  | Aurora           | *            | *          |
| Monona            | 19         | 12         | Rest of County    | 27           | 24         | Clermont         | 9            | 8          |
| North Buena Vista | *          | *          | Davis City        | *            | *          | Elgin            | 11           | 11         |
| Postville         | *          | *          | Decatur City      | *            | *          | Fairbank         | *            | *          |
| Saint Olaf        | *          | *          | Garden Grove      | *            | *          | Fayette          | 10           | 21         |
| Strawberry Point  | 15         | 28         | Grand River       | *            | 8          | Hawkeye          | 6            | 7          |
| Volga             | *          | *          | Lamoni            | 20           | 14         | Maynard          | 6            | *          |
| <b>Clinton</b>    | <b>576</b> | <b>576</b> | Leon              | 22           | 32         | Oelwein          | 60           | 104        |
| Rest of County    | 28         | 42         | Van Wert          | 6            | *          | Randalia         | *            | *          |
| Andover           | *          | *          | Weldon            | *            | *          | Saint Lucas      | *            | *          |
| Calamus           | 8          | *          | <b>Delaware</b>   | <b>190</b>   | <b>170</b> | Sumner           | *            | *          |
| Camanche          | 47         | 44         | Rest of County    | 57           | 37         | Wadena           | *            | *          |
| Charlotte         | 11         | *          | Colesburg         | *            | *          | Waucoma          | *            | *          |
| Clinton           | 345        | 384        | Delaware          | *            | *          | West Union       | 27           | 50         |
| Delmar            | 9          | *          | Delhi             | 12           | *          | Westgate         | *            | *          |
| DeWitt            | 84         | 59         | Dundee            | *            | *          | <b>Floyd</b>     | <b>188</b>   | <b>170</b> |
| Elwood            | *          | *          | Dyersville        | 9            | *          | Rest of County   | 40           | 24         |
| Goose Lake        | 6          | *          | Earlville         | 11           | 6          | Charles City     | 106          | 110        |
| Grand Mound       | 8          | *          | Edgewood          | *            | 13         | Colwell          | *            | *          |
| Lost Nation       | 8          | *          | Greeley           | *            | *          | Floyd            | 9            | *          |
| Low Moor          | *          | *          | Hopkinton         | 11           | 10         | Greene           | *            | *          |
| Maquoketa         | *          | *          | Manchester        | 67           | 92         | Marble Rock      | *            | 6          |
| Toronto           | *          | *          | Masonville        | *            | *          | Nashua           | *            | *          |
| Welton            | *          | *          | Ryan              | *            | *          | Nora Springs     | 13           | 15         |
| Wheatland         | 11         | 24         | Strawberry Point  | *            | *          | Rockford         | 8            | 9          |
|                   |            |            | Worthington       | *            | *          | Rudd             | *            | *          |
|                   |            |            | <b>Des Moines</b> | <b>430</b>   | <b>477</b> |                  |              |            |
|                   |            |            | Rest of County    | 49           | 56         |                  |              |            |
|                   |            |            | Burlington        | 306          | 297        |                  |              |            |
|                   |            |            | Danville          | 9            | 13         |                  |              |            |
|                   |            |            | Mediapolis        | 25           | 25         |                  |              |            |
|                   |            |            | Middletown        | 6            | *          |                  |              |            |
|                   |            |            | New London        | *            | *          |                  |              |            |
|                   |            |            | Wapello           | *            | *          |                  |              |            |
|                   |            |            | West Burlington   | 33           | 84         |                  |              |            |

\* In this table, counts of five or less births/deaths are suppressed to protect confidentiality.

**TABLE 40 (CONTINUED)**  
**LIVE BIRTHS & DEATHS BY COUNTY AND CITY**  
**2016 RESIDENT DATA**

| PLACE           | BIRTHS     | DEATHS     | PLACE           | BIRTHS     | DEATHS     | PLACE              | BIRTHS       | DEATHS     |
|-----------------|------------|------------|-----------------|------------|------------|--------------------|--------------|------------|
| <b>Franklin</b> | <b>123</b> | <b>140</b> | <b>Hancock</b>  | <b>118</b> | <b>118</b> | <b>Ida</b>         | <b>78</b>    | <b>103</b> |
| Rest of County  | 24         | 20         | Rest of County  | 28         | 15         | Rest of County     | 19           | 11         |
| Ackley          | *          | *          | Britt           | 23         | 41         | Arthur             | 7            | *          |
| Alden           | *          | *          | Corwith         | 6          | *          | Battle Creek       | *            | 22         |
| Alexander       | *          | *          | Crystal Lake    | *          | *          | Danbury            | *            | *          |
| Coulter         | *          | *          | Forest City     | 7          | *          | Galva              | 9            | *          |
| Dows            | *          | *          | Garner          | 26         | 31         | Holstein           | 16           | 30         |
| Geneva          | *          | *          | Goodell         | *          | *          | Ida Grove          | 22           | 35         |
| Hampton         | 59         | 72         | Kanawha         | 11         | 12         | <b>Iowa</b>        | <b>179</b>   | <b>174</b> |
| Hansell         | *          | *          | Klemme          | 8          | 6          | Rest of County     | 77           | 70         |
| Iowa Falls      | *          | *          | Meservey        | *          | *          | Deep River         | *            | *          |
| Latimer         | 7          | *          | Woden           | *          | *          | Ladora             | *            | *          |
| Popejoy         | *          | *          | <b>Hardin</b>   | <b>168</b> | <b>208</b> | Marengo            | 36           | 32         |
| Sheffield       | 16         | 35         | Rest of County  | 34         | 21         | Millersburg        | *            | *          |
| <b>Fremont</b>  | <b>79</b>  | <b>86</b>  | Ackley          | 17         | 21         | North English      | 7            | 21         |
| Rest of County  | 18         | 29         | Alden           | 11         | 9          | Norway             | *            | *          |
| Farragut        | *          | 7          | Eldora          | 22         | 40         | Parnell            | *            | *          |
| Hamburg         | 22         | 11         | Geneva          | *          | *          | Victor             | 12           | 7          |
| Randolph        | *          | *          | Hubbard         | 8          | 21         | Wellman            | *            | *          |
| Riverton        | *          | *          | Iowa Falls      | 55         | 82         | Williamsburg       | 36           | 37         |
| Shenandoah      | *          | *          | New Providence  | *          | *          | <b>Jackson</b>     | <b>217</b>   | <b>186</b> |
| Sidney          | 15         | 20         | Popejoy         | *          | *          | Rest of County     | 50           | 52         |
| Tabor           | 14         | 13         | Radcliffe       | 6          | 6          | Andrew             | 9            | *          |
| Thurman         | *          | *          | Steamboat Rock  | *          | *          | Baldwin            | *            | *          |
| <b>Greene</b>   | <b>117</b> | <b>136</b> | Union           | *          | *          | Bellevue           | 41           | 35         |
| Rest of County  | 33         | 20         | Whitten         | *          | *          | Bernard            | *            | *          |
| Bagley          | *          | *          | <b>Harrison</b> | <b>170</b> | <b>171</b> | La Motte           | 9            | *          |
| Bayard          | *          | *          | Rest of County  | 51         | 44         | Maquoketa          | 68           | 74         |
| Churdan         | *          | *          | Dunlap          | 12         | 19         | Miles              | *            | *          |
| Grand Junction  | 10         | 10         | Little Sioux    | 6          | *          | Monmouth           | *            | *          |
| Jefferson       | 48         | 90         | Logan           | 21         | 14         | Preston            | 16           | 9          |
| Paton           | *          | *          | Magnolia        | *          | *          | Sabula             | *            | 6          |
| Rippey          | *          | *          | Missouri Valley | 38         | 30         | Saint Donatus      | *            | *          |
| Scranton        | 13         | 9          | Modale          | *          | *          | Springbrook        | *            | *          |
| <b>Grundy</b>   | <b>135</b> | <b>145</b> | Mondamin        | 6          | *          | Zwingle            | 6            | *          |
| Rest of County  | 25         | 23         | Persia          | 6          | *          | <b>Jasper</b>      | <b>429</b>   | <b>363</b> |
| Ackley          | *          | *          | Pisgah          | *          | *          | Rest of County     | 86           | 58         |
| Beaman          | *          | *          | Woodbine        | 26         | 51         | Baxter             | 13           | 17         |
| Cedar Falls     | *          | *          | <b>Henry</b>    | <b>235</b> | <b>215</b> | Colfax             | 28           | 19         |
| Conrad          | 11         | 19         | Rest of County  | 44         | 27         | Grinnell           | *            | *          |
| Dike            | 18         | 11         | Coppock         | *          | *          | Kellogg            | 9            | 8          |
| Grundy Center   | 31         | 55         | Danville        | *          | *          | Lambs Grove        | *            | *          |
| Holland         | *          | *          | Hillsboro       | *          | *          | Lynnville          | *            | *          |
| Reinbeck        | 28         | 26         | Lockridge       | *          | *          | Mingo              | *            | 7          |
| Stout           | *          | *          | Mount Pleasant  | 108        | 123        | Mitchellville      | *            | *          |
| Wellsburg       | 11         | *          | Mount Union     | *          | *          | Monroe             | 32           | 15         |
| <b>Guthrie</b>  | <b>100</b> | <b>96</b>  | New London      | 25         | 20         | Newton             | 201          | 212        |
| Rest of County  | 29         | 22         | Olds            | 7          | *          | Prairie City       | 31           | 16         |
| Adair           | *          | *          | Rome            | *          | *          | Reasnor            | 7            | *          |
| Bagley          | *          | *          | Salem           | 9          | *          | Sully              | 10           | *          |
| Bayard          | *          | *          | Wayland         | 16         | 15         | <b>Jefferson</b>   | <b>144</b>   | <b>169</b> |
| Casey           | *          | *          | Winfield        | 16         | 21         | Rest of County     | 22           | 45         |
| Coon Rapids     | *          | *          | <b>Howard</b>   | <b>104</b> | <b>103</b> | Batavia            | 6            | *          |
| Dexter          | *          | *          | Rest of County  | 26         | 30         | Brighton           | *            | *          |
| Guthrie Center  | 18         | 27         | Chester         | *          | *          | Fairfield          | 107          | 114        |
| Jamaica         | *          | *          | Cresco          | 47         | 45         | Libertyville       | *            | *          |
| Menlo           | *          | *          | Elma            | 8          | 10         | Lockridge          | *            | *          |
| Panora          | 15         | 23         | Lime Springs    | 9          | 8          | Packwood           | *            | *          |
| Stuart          | 12         | 7          | Protivin        | *          | *          | <b>Johnson</b>     | <b>1,856</b> | <b>784</b> |
| Yale            | *          | *          | Riceville       | 6          | *          | Rest of County     | 194          | 81         |
| <b>Hamilton</b> | <b>203</b> | <b>167</b> | <b>Humboldt</b> | <b>114</b> | <b>112</b> | Cedar Rapids       | *            | *          |
| Rest of County  | 33         | 19         | Rest of County  | 22         | 19         | Coralville         | 271          | 146        |
| Blairsburg      | *          | *          | Badger          | *          | *          | Hills              | 8            | 15         |
| Ellsworth       | 13         | *          | Bode            | 6          | *          | Iowa City          | 815          | 370        |
| Jewell          | 20         | 12         | Bradgate        | *          | *          | Kalona             | 14           | *          |
| Kamrar          | *          | *          | Dakota City     | 8          | 8          | Lisbon             | *            | *          |
| Radcliffe       | *          | *          | Gilmore City    | *          | 7          | Lone Tree          | 20           | 24         |
| Randall         | *          | *          | Humboldt        | 60         | 68         | North Liberty      | 387          | 53         |
| Stanhope        | *          | *          | Livermore       | 6          | *          | Oxford             | 21           | *          |
| Stratford       | 11         | 17         | Lu Verne        | *          | *          | Riverside          | *            | *          |
| Webster City    | 110        | 105        | Pioneer         | *          | *          | Solon              | 51           | 62         |
| Williams        | *          | *          | Renwick         | *          | *          | Swisher            | 20           | 8          |
|                 |            |            | Rutland         | *          | *          | Tiffin             | 46           | 12         |
|                 |            |            | Thor            | *          | *          | University Heights | *            | *          |
|                 |            |            |                 |            |            | West Branch        | *            | *          |
|                 |            |            |                 |            |            | West Liberty       | *            | *          |

\* In this table, counts of five or less births/deaths are suppressed to protect confidentiality.

**TABLE 40 (CONTINUED)**  
**LIVE BIRTHS & DEATHS BY COUNTY AND CITY**  
**2016 RESIDENT DATA**

| PLACE           | BIRTHS     | DEATHS     | PLACE             | BIRTHS       | DEATHS       | PLACE            | BIRTHS     | DEATHS     |
|-----------------|------------|------------|-------------------|--------------|--------------|------------------|------------|------------|
| <b>Jones</b>    | <b>203</b> | <b>188</b> | <b>Linn</b>       | <b>2,790</b> | <b>1,805</b> | <b>Mahaska</b>   | <b>258</b> | <b>253</b> |
| Rest of County  | 37         | 29         | Rest of County    | 122          | 76           | Rest of County   | 51         | 37         |
| Anamosa         | 71         | 75         | Alburnett         | *            | *            | Barnes City      | *          | *          |
| Cascade         | *          | *          | Anamosa           | *            | *            | Beacon           | *          | *          |
| Center Junction | *          | *          | Bertram           | *            | *            | Eddyville        | *          | 7          |
| Clarence        | *          | *          | Cedar Rapids      | 1,842        | 1,140        | Fremont          | 10         | 9          |
| Lisbon          | *          | *          | Center Point      | 44           | 19           | Leighton         | *          | *          |
| Martelle        | 8          | *          | Central City      | 23           | 14           | New Sharon       | 19         | 13         |
| Mechanicsville  | *          | *          | Coggon            | 21           | 13           | Oskaloosa        | 159        | 168        |
| Monticello      | 61         | 67         | Ely               | 28           | 6            | Pella            | *          | *          |
| Olin            | *          | *          | Fairfax           | 29           | 12           | Rose Hill        | *          | *          |
| Onslow          | *          | *          | Hiawatha          | 103          | 78           | University Park  | 7          | 6          |
| Oxford Junction | *          | *          | Lisbon            | 22           | 13           | What Cheer       | *          | *          |
| Wyoming         | 6          | *          | Marion            | 433          | 348          | <b>Marion</b>    | <b>409</b> | <b>334</b> |
| <b>Keokuk</b>   | <b>111</b> | <b>121</b> | Martelle          | *            | *            | Rest of County   | 100        | 76         |
| Rest of County  | 34         | 34         | Monticello        | *            | *            | Bussey           | 6          | *          |
| Delta           | 8          | *          | Mount Vernon      | 40           | 33           | Dallas           | *          | *          |
| Harper          | *          | *          | Palo              | 25           | 9            | Hamilton         | *          | *          |
| Hedrick         | 11         | 7          | Prairieburg       | *            | *            | Harvey           | 6          | *          |
| Keota           | 6          | 9          | Robins            | 16           | 17           | Knoxville        | 117        | 98         |
| Keswick         | *          | *          | Shellsburg        | *            | *            | Melcher-Dallas   | 13         | 16         |
| Kinross         | *          | *          | Springville       | 20           | 12           | Pella            | 116        | 106        |
| Martinsburg     | *          | *          | Walford           | *            | *            | Pleasantville    | 41         | 21         |
| North English   | *          | *          | Walker            | 8            | 10           | Runnells         | *          | *          |
| Ollie           | *          | *          | <b>Louisa</b>     | <b>141</b>   | <b>109</b>   | Swan             | *          | *          |
| Richland        | *          | 7          | Rest of County    | 36           | 41           | <b>Marshall</b>  | <b>536</b> | <b>473</b> |
| Sigourney       | 19         | 42         | Columbus City     | *            | *            | Rest of County   | 47         | 41         |
| South English   | *          | *          | Columbus Junction | 42           | 19           | Albion           | *          | 6          |
| Webster         | *          | *          | Conesville        | *            | *            | Clemmons         | *          | *          |
| What Cheer      | 11         | 7          | Fredonia          | *            | *            | Conrad           | *          | *          |
| <b>Kossuth</b>  | <b>176</b> | <b>174</b> | Grandview         | 7            | *            | Ferguson         | *          | *          |
| Rest of County  | 36         | 30         | Letts             | 8            | *            | Gilman           | 10         | *          |
| Algona          | 67         | 77         | Morning Sun       | 16           | 9            | Green Mountain   | *          | *          |
| Bancroft        | 15         | 19         | Muscatine         | *            | *            | Haverhill        | *          | *          |
| Bode            | *          | *          | Oakville          | *            | *            | Laurel           | *          | *          |
| Burt            | 12         | 6          | Wapello           | 20           | 28           | Le Grand         | 10         | *          |
| Corwith         | *          | *          | <b>Lucas</b>      | <b>101</b>   | <b>111</b>   | Liscomb          | *          | *          |
| Fenton          | *          | 7          | Rest of County    | 30           | 21           | Marshalltown     | 421        | 385        |
| Lakota          | 7          | *          | Chariton          | 60           | 78           | Melbourne        | 8          | *          |
| Ledyard         | *          | *          | Derby             | *            | *            | Rhodes           | *          | *          |
| Lone Rock       | *          | *          | Lucas             | *            | *            | Saint Anthony    | *          | *          |
| Lu Verne        | *          | *          | Russell           | *            | 6            | State Center     | 14         | 14         |
| Ottosen         | *          | *          | Williamson        | *            | *            | <b>Mills</b>     | <b>142</b> | <b>117</b> |
| Swea City       | *          | 7          | <b>Lyon</b>       | <b>168</b>   | <b>97</b>    | Rest of County   | 51         | 35         |
| Titonka         | 9          | 13         | Rest of County    | 56           | 18           | Emerson          | 6          | *          |
| Wesley          | *          | *          | Alvord            | *            | *            | Glenwood         | 61         | 51         |
| West Bend       | *          | *          | Doon              | 13           | *            | Hastings         | *          | *          |
| Whittemore      | 7          | *          | George            | 12           | 14           | Henderson        | *          | *          |
| <b>Lee</b>      | <b>423</b> | <b>436</b> | Inwood            | 23           | 11           | Malvern          | 9          | 14         |
| Rest of County  | 71         | 68         | Larchwood         | 17           | 6            | Pacific Junction | 7          | 6          |
| Donnellson      | 18         | 17         | Lester            | 6            | *            | Silver City      | *          | *          |
| Farmington      | *          | *          | Little Rock       | 7            | *            | <b>Mitchell</b>  | <b>102</b> | <b>125</b> |
| Fort Madison    | 142        | 129        | Rock Rapids       | 31           | 36           | Rest of County   | 39         | 24         |
| Houghton        | *          | *          | <b>Madison</b>    | <b>171</b>   | <b>157</b>   | Carpenter        | *          | *          |
| Keokuk          | 157        | 184        | Rest of County    | 52           | 46           | Mc Intire        | *          | *          |
| Montrose        | 18         | 16         | Bevington         | *            | *            | Mitchell         | *          | *          |
| Saint Paul      | *          | *          | Cumming           | *            | *            | Nora Springs     | *          | *          |
| West Point      | 15         | 20         | Earlham           | 15           | 11           | Orchard          | *          | *          |
|                 |            |            | Lorimor           | *            | *            | Osage            | 28         | 57         |
|                 |            |            | Macksburg         | *            | *            | Riceville        | 6          | 9          |
|                 |            |            | Patterson         | *            | *            | Saint Ansgar     | 15         | 22         |
|                 |            |            | Saint Charles     | 12           | *            | Stacyville       | 6          | 11         |
|                 |            |            | Truro             | 10           | *            | <b>Monona</b>    | <b>101</b> | <b>143</b> |
|                 |            |            | Van Meter         | *            | *            | Rest of County   | 24         | 27         |
|                 |            |            | Winterset         | 74           | 81           | Blencoe          | *          | *          |
|                 |            |            |                   |              |              | Castana          | *          | *          |
|                 |            |            |                   |              |              | Hornick          | *          | *          |
|                 |            |            |                   |              |              | Mapleton         | 18         | 25         |
|                 |            |            |                   |              |              | Moorhead         | *          | *          |
|                 |            |            |                   |              |              | Onawa            | 31         | 46         |
|                 |            |            |                   |              |              | Rodney           | *          | *          |
|                 |            |            |                   |              |              | Soldier          | *          | *          |
|                 |            |            |                   |              |              | Turin            | *          | *          |
|                 |            |            |                   |              |              | Ute              | *          | *          |
|                 |            |            |                   |              |              | Whiting          | 11         | 30         |

\* In this table, counts of five or less births/deaths are suppressed to protect confidentiality.

**TABLE 40 (CONTINUED)**  
**LIVE BIRTHS & DEATHS BY COUNTY AND CITY**  
**2016 RESIDENT DATA**

| PLACE             | BIRTHS     | DEATHS     | PLACE                | BIRTHS       | DEATHS       | PLACE            | BIRTHS       | DEATHS       |
|-------------------|------------|------------|----------------------|--------------|--------------|------------------|--------------|--------------|
| <b>Monroe</b>     | <b>87</b>  | <b>117</b> | <b>Plymouth</b>      | <b>280</b>   | <b>241</b>   | <b>Poweshiek</b> | <b>164</b>   | <b>215</b>   |
| Rest of County    | 17         | 29         | Rest of County       | 68           | 34           | Rest of County   | 30           | 37           |
| Albia             | 64         | 76         | Akron                | 19           | 16           | Brooklyn         | 25           | 23           |
| Lovilia           | *          | 9          | Brunsville           | *            | *            | Deep River       | *            | *            |
| Melrose           | *          | *          | Hawarden             | *            | *            | Grinnell         | 78           | 115          |
| Moravia           | *          | *          | Hinton               | 18           | 7            | Guernsey         | *            | *            |
|                   |            |            | Kingsley             | 13           | 29           | Hartwick         | *            | *            |
| <b>Montgomery</b> | <b>130</b> | <b>125</b> | Le Mars              | 116          | 101          | Malcom           | *            | 6            |
| Rest of County    | 24         | 18         | Marcus               | *            | *            | Montezuma        | 19           | 28           |
| Elliott           | *          | *          | Merrill              | 15           | 11           | Searsboro        | *            | *            |
| Grant             | *          | *          | Oyens                | *            | *            | Victor           | *            | *            |
| Henderson         | *          | *          | Remsen               | 17           | 36           |                  |              |              |
| Red Oak           | 78         | 77         | Sioux City           | *            | *            | <b>Ringgold</b>  | <b>71</b>    | <b>84</b>    |
| Stanton           | *          | 6          | Struble              | *            | *            | Rest of County   | 25           | 13           |
| Villisca          | 18         | 21         | Westfield            | *            | 6            | Beaconsfield     | *            | *            |
|                   |            |            |                      |              |              | Benton           | *            | *            |
| <b>Muscatine</b>  | <b>539</b> | <b>417</b> | <b>Pocahontas</b>    | <b>79</b>    | <b>98</b>    | Blockton         | *            | *            |
| Rest of County    | 63         | 80         | Rest of County       | 14           | 17           | Delphos          | *            | *            |
| Atalissa          | *          | *          | Fonda                | 6            | 13           | Diagonal         | 6            | *            |
| Blue Grass        | *          | *          | Gilmore City         | *            | *            | Ellston          | *            | *            |
| Conesville        | *          | *          | Havelock             | *            | *            | Kellerton        | 7            | *            |
| Durant            | *          | *          | Laurens              | 16           | 19           | Lamoni           | *            | *            |
| Fruitland         | 7          | 10         | Palmer               | *            | *            | Mount Ayr        | 25           | 55           |
| Letts             | *          | *          | Plover               | *            | *            | Redding          | *            | *            |
| Muscatine         | 356        | 242        | Pocahontas           | 23           | 42           | Shannon City     | *            | *            |
| Nichols           | *          | *          | Rolle                | 9            | *            | Tingley          | *            | *            |
| Oxford            | *          | *          | Varina               | *            | *            |                  |              |              |
| Stockton          | *          | *          |                      |              |              | <b>Sac</b>       | <b>111</b>   | <b>132</b>   |
| Walcott           | *          | *          | <b>Polk</b>          | <b>6,914</b> | <b>3,487</b> | Rest of County   | 28           | 17           |
| West Liberty      | 56         | 41         | Rest of County       | 188          | 88           | Auburn           | 8            | *            |
| Wilton            | 37         | 31         | Alleman              | *            | *            | Early            | 8            | 9            |
|                   |            |            | Altoona              | 272          | 132          | Lake View        | 7            | 18           |
| <b>O'Brien</b>    | <b>168</b> | <b>199</b> | Ankeny               | 940          | 276          | Lytton           | *            | *            |
| Rest of County    | 28         | 22         | Bondurant            | 104          | 25           | Nemaha           | *            | *            |
| Archer            | *          | *          | Cambridge            | *            | *            | Odebolt          | 12           | 26           |
| Calumet           | *          | *          | Carlisle             | *            | *            | Sac City         | 23           | 34           |
| Hartley           | 15         | 25         | Clive                | 136          | 91           | Schaller         | 9            | 6            |
| Paulina           | 12         | 12         | Colfax               | *            | *            | Wall Lake        | 11           | 14           |
| Pringhar          | 9          | 15         | Des Moines           | 3,471        | 1,894        |                  |              |              |
| Sanborn           | 14         | 40         | Elkhart              | 19           | *            | <b>Scott</b>     | <b>2,199</b> | <b>1,509</b> |
| Sheldon           | 80         | 71         | Granger              | 16           | *            | Rest of County   | 29           | 39           |
| Sutherland        | 6          | 14         | Grimes               | 209          | 55           | Bettendorf       | 412          | 298          |
|                   |            |            | Johnston             | 247          | 126          | Blue Grass       | 42           | 22           |
| <b>Osceola</b>    | <b>80</b>  | <b>86</b>  | Madrid               | *            | *            | Buffalo          | 14           | 6            |
| Rest of County    | 25         | 11         | Maxwell              | *            | *            | Davenport        | 1,457        | 1,025        |
| Ashton            | 7          | 6          | Mitchellville        | 25           | 20           | Dixon            | 7            | *            |
| Harris            | *          | *          | Norwalk              | *            | *            | Donahue          | *            | *            |
| May City          | *          | *          | Pleasant Hill        | 131          | 99           | Durant           | *            | *            |
| Melvin            | *          | *          | Polk City            | 67           | 39           | Eldridge         | 91           | 40           |
| Ocheyedan         | 7          | 8          | Runnells             | 13           | 16           | Le Claire        | 67           | 27           |
| Sibley            | 37         | 54         | Saylorville          | *            | *            | Long Grove       | 18           | 6            |
|                   |            |            | Sheldahl             | *            | *            | Maysville        | *            | *            |
| <b>Page</b>       | <b>162</b> | <b>213</b> | Urbandale            | 400          | 253          | Mc Causland      | *            | *            |
| Rest of County    | 20         | 34         | West Des Moines      | 600          | 315          | New Liberty      | *            | *            |
| Blanchard         | *          | *          | Windsor Heights      | 60           | 39           | Panorama Park    | *            | *            |
| Braddyville       | 7          | *          |                      |              | Park View    | *                | *            |              |
| Clarinda          | 58         | 72         | <b>Pottawattamie</b> | <b>1,199</b> | <b>937</b>   | Princeton        | 15           | 13           |
| Coin              | *          | *          | Rest of County       | 152          | 158          | Riverdale        | *            | *            |
| College Springs   | *          | *          | Avoca                | 25           | 23           | Stockton         | *            | *            |
| Essex             | 9          | 7          | Carson               | 9            | 10           | Walcott          | 30           | 17           |
| Red Oak           | *          | *          | Carter Lake          | 49           | 36           |                  |              |              |
| Shambaugh         | *          | *          | Council Bluffs       | 869          | 655          | <b>Shelby</b>    | <b>109</b>   | <b>143</b>   |
| Shenandoah        | 56         | 89         | Crescent             | 7            | 6            | Rest of County   | 30           | 17           |
| Yorktown          | *          | *          | Macedonia            | 8            | *            | Avoca            | *            | *            |
|                   |            |            | Minden               | 10           | *            | Defiance         | *            | *            |
| <b>Palo Alto</b>  | <b>105</b> | <b>118</b> | Missouri Valley      | *            | *            | Earling          | *            | 13           |
| Rest of County    | 19         | 22         | Neola                | 18           | 8            | Elk Horn         | *            | 30           |
| Ayrshire          | *          | *          | Oakland              | 16           | 22           | Harlan           | 41           | 67           |
| Curlew            | *          | *          | Treynor              | 13           | *            | Irwin            | *            | *            |
| Cylinder          | *          | *          | Underwood            | 9            | *            | Kirkman          | *            | *            |
| Emmetsburg        | 40         | 62         | Walnut               | 13           | 7            | Panama           | *            | *            |
| Graettinger       | 11         | *          |                      |              | Portsmouth   | *                | *            |              |
| Mallard           | *          | *          |                      |              | Shelby       | 14               | 6            |              |
| Ruthven           | 15         | 11         |                      |              | Westphalia   | *                | *            |              |
| West Bend         | 15         | 13         |                      |              |              |                  |              |              |
| Whittemore        | *          | *          |                      |              |              |                  |              |              |

\* In this table, counts of five or less births/deaths are suppressed to protect confidentiality.

**TABLE 40 (CONTINUED)**  
**LIVE BIRTHS & DEATHS BY COUNTY AND CITY**  
**2016 RESIDENT DATA**

| PLACE          | BIRTHS     | DEATHS     | PLACE             | BIRTHS     | DEATHS     | PLACE             | BIRTHS       | DEATHS     |
|----------------|------------|------------|-------------------|------------|------------|-------------------|--------------|------------|
| <b>Sioux</b>   | <b>487</b> | <b>262</b> | <b>Van Buren</b>  | <b>97</b>  | <b>99</b>  | <b>Winnebago</b>  | <b>112</b>   | <b>127</b> |
| Rest of County | 96         | 32         | Rest of County    | 48         | 38         | Rest of County    | 20           | 21         |
| Alton          | 17         | 9          | Birmingham        | *          | 6          | Buffalo Center    | 12           | 25         |
| Boyden         | 23         | *          | Bonaparte         | 9          | *          | Fertile           | *            | *          |
| Chatsworth     | *          | *          | Cantril           | *          | 8          | Forest City       | 47           | 39         |
| Granville      | *          | *          | Douds             | *          | *          | Lake Mills        | 19           | 33         |
| Hawarden       | 35         | 35         | Farmington        | 7          | 15         | Leland            | *            | *          |
| Hospers        | 13         | *          | Hillsboro         | *          | *          | Rake              | *            | *          |
| Hull           | 51         | 28         | Keosauqua         | 10         | 21         | Scarlville        | *            | *          |
| Ireton         | *          | 6          | Milton            | 8          | *          | Thompson          | *            | *          |
| Le Mars        | *          | *          | Stockport         | *          | *          | Woden             | *            | *          |
| Matlock        | *          | *          |                   |            |            |                   |              |            |
| Maurice        | *          | *          | <b>Wapello</b>    | <b>443</b> | <b>392</b> | <b>Winneshiek</b> | <b>178</b>   | <b>187</b> |
| Orange City    | 71         | 51         | Rest of County    | 57         | 46         | Rest of County    | 63           | 50         |
| Rock Valley    | 55         | 36         | Agency            | *          | *          | Calmar            | 20           | 8          |
| Sheldon        | *          | *          | Blakesburg        | *          | *          | Castalia          | *            | *          |
| Sioux Center   | 114        | 50         | Bloomfield        | *          | *          | Decorah           | 66           | 102        |
| <b>Story</b>   | <b>944</b> | <b>551</b> | Eddyville         | 8          | 8          | Fort Atkinson     | 6            | *          |
| Rest of County | 71         | 39         | Elton             | 19         | 20         | Frankville        | *            | *          |
| Ames           | 551        | 268        | Hedrick           | *          | *          | Ossian            | 10           | 16         |
| Cambridge      | 12         | 8          | Kirkville         | *          | *          | Postville         | *            | *          |
| Collins        | *          | *          | Ottumwa           | 351        | 307        | Ridgeway          | *            | *          |
| Colo           | 12         | 6          |                   |            |            | Spillville        | 6            | *          |
| Gilbert        | 15         | *          | <b>Warren</b>     | <b>589</b> | <b>433</b> |                   |              |            |
| Huxley         | 56         | 17         | Rest of County    | 84         | 79         | <b>Woodbury</b>   | <b>1,536</b> | <b>927</b> |
| Kelley         | 6          | *          | Ackworth          | *          | *          | Rest of County    | 50           | 30         |
| Maxwell        | 13         | 8          | Carlisle          | 74         | 54         | Antho             | 7            | 6          |
| Mc Callsburg   | *          | *          | Cumming           | *          | *          | Bronson           | *            | *          |
| Nevada         | 94         | 81         | Des Moines        | 12         | 10         | Correctionville   | 7            | 13         |
| Roland         | 29         | 13         | Hartford          | 15         | 6          | Cushing           | *            | *          |
| Sheldahl       | *          | *          | Indianola         | 214        | 187        | Danbury           | *            | *          |
| Slater         | 33         | 9          | Lacona            | 6          | *          | Holly Springs     | *            | *          |
| Story City     | 36         | 74         | Martensdale       | *          | 6          | Hornick           | *            | *          |
| Zearing        | 9          | 13         | Milo              | 11         | *          | Kingsley          | *            | *          |
| <b>Tama</b>    | <b>191</b> | <b>195</b> | New Virginia      | 13         | 14         | Lawton            | 11           | 13         |
| Rest of County | 30         | 43         | Norwalk           | 143        | 65         | Moville           | 19           | 10         |
| Chelsea        | 6          | *          | Saint Marys       | *          | *          | Oto               | *            | *          |
| Clutier        | 6          | 7          | Swan              | *          | *          | Pierson           | *            | *          |
| Dysart         | 14         | 22         | West Des Moines   | *          | *          | Salix             | 6            | 7          |
| Garwin         | *          | *          |                   |            |            | Sergeant Bluff    | 43           | 43         |
| Gladbrook      | 12         | 21         | <b>Washington</b> | <b>297</b> | <b>242</b> | Sioux City        | 1,357        | 776        |
| Lincoln        | *          | *          | Rest of County    | 88         | 38         | Sloan             | 15           | 8          |
| Montour        | *          | *          | Ainsworth         | 6          | *          | Smithland         | *            | *          |
| Reinbeck       | *          | *          | Brighton          | 6          | 10         |                   |              |            |
| Tama           | 61         | 29         | Crawfordsville    | *          | *          | <b>Worth</b>      | <b>83</b>    | <b>103</b> |
| Toledo         | 37         | 34         | Kalona            | 48         | 48         | Rest of County    | 22           | 28         |
| Traer          | 13         | 31         | Riverside         | 24         | *          | Fertile           | *            | *          |
| <b>Taylor</b>  | <b>73</b>  | <b>71</b>  | Rubio             | *          | *          | Grafton           | *            | *          |
| Rest of County | 18         | 11         | Washington        | 101        | 107        | Hanlontown        | *            | *          |
| Bedford        | 17         | 13         | Wellman           | 16         | 26         | Joice             | *            | *          |
| Blockton       | *          | *          | West Chester      | *          | *          | Kensett           | *            | *          |
| Clearfield     | *          | 12         |                   |            |            | Manly             | 21           | 16         |
| Gravity        | *          | *          | <b>Wayne</b>      | <b>104</b> | <b>78</b>  | Northwood         | 23           | 43         |
| Lenox          | 23         | 26         | Rest of County    | 46         | 23         | Saint Ansgar      | *            | *          |
| New Market     | *          | *          | Allerton          | *          | 6          |                   |              |            |
| Sharpsburg     | *          | *          | Clio              | *          | *          | <b>Wright</b>     | <b>168</b>   | <b>160</b> |
| <b>Union</b>   | <b>146</b> | <b>151</b> | Corydon           | 25         | 30         | Rest of County    | 19           | 24         |
| Rest of County | 22         | 24         | Derby             | *          | *          | Belmond           | 31           | 40         |
| Afton          | 8          | 20         | Humeston          | 7          | *          | Clarion           | 44           | 48         |
| Arispe         | *          | *          | Lineville         | *          | *          | Corwith           | *            | *          |
| Creston        | 103        | 104        | Promise City      | *          | *          | Dows              | 10           | *          |
| Cromwell       | *          | *          | Seymour           | 13         | 6          | Eagle Grove       | 56           | 38         |
| Diagonal       | *          | *          |                   |            |            | Galt              | *            | *          |
| Lenox          | *          | *          | <b>Webster</b>    | <b>436</b> | <b>436</b> | Goldfield         | *            | *          |
| Lorimor        | 6          | *          | Rest of County    | 34         | 54         | Kanawha           | *            | *          |
| Orient         | *          | *          | Badger            | 9          | *          | Rowan             | *            | *          |
| Shannon City   | *          | *          | Barnum            | *          | *          | Woolstock         | *            | *          |
| Thayer         | *          | *          | Callender         | 7          | *          |                   |              |            |
|                |            |            | Clare             | *          | *          |                   |              |            |
|                |            |            | Dayton            | *          | 17         |                   |              |            |
|                |            |            | Duncombe          | 12         | *          |                   |              |            |
|                |            |            | Eagle Grove       | 6          | *          |                   |              |            |
|                |            |            | Fort Dodge        | 328        | 317        |                   |              |            |
|                |            |            | Gowrie            | 13         | 12         |                   |              |            |
|                |            |            | Harcourt          | *          | *          |                   |              |            |
|                |            |            | Lehigh            | *          | *          |                   |              |            |
|                |            |            | Moorland          | *          | *          |                   |              |            |
|                |            |            | Otho              | 8          | 9          |                   |              |            |
|                |            |            | Stratford         | *          | *          |                   |              |            |
|                |            |            | Vincent           | *          | *          |                   |              |            |

\* In this table, counts of five or less births/deaths are suppressed to protect confidentiality.

**TABLE 41**  
**LIVE BIRTHS BY COUNTY**  
**2016 (RATE PER 1,000 POPULATION)**

| County        | Number | Rate | County     | Number | Rate |
|---------------|--------|------|------------|--------|------|
| Polk          | 6,914  | 14.6 | Lyon       | 168    | 14.3 |
| Linn          | 2,790  | 12.6 | O'Brien    | 168    | 12.0 |
| Scott         | 2,199  | 12.7 | Wright     | 168    | 13.1 |
| Johnson       | 1,856  | 12.7 | Cedar      | 167    | 9.0  |
| Black Hawk    | 1,669  | 12.6 | Poweshiek  | 164    | 8.8  |
| Woodbury      | 1,536  | 14.9 | Page       | 162    | 10.5 |
| Dallas        | 1,269  | 15.0 | Appanoose  | 155    | 12.4 |
| Pottawattamie | 1,199  | 12.8 | Dickinson  | 149    | 8.6  |
| Dubuque       | 1,196  | 12.3 | Union      | 146    | 11.8 |
| Story         | 944    | 9.7  | Jefferson  | 144    | 8.0  |
| Warren        | 589    | 11.9 | Chickasaw  | 143    | 11.9 |
| Clinton       | 576    | 12.2 | Mills      | 142    | 9.5  |
| Muscatine     | 539    | 12.6 | Louisa     | 141    | 12.7 |
| Marshall      | 536    | 13.3 | Butler     | 138    | 9.3  |
| Sioux         | 487    | 14.0 | Cass       | 135    | 10.3 |
| Cerro Gordo   | 448    | 10.4 | Grundy     | 135    | 11.0 |
| Wapello       | 443    | 12.7 | Montgomery | 130    | 12.7 |
| Webster       | 436    | 11.9 | Cherokee   | 127    | 11.0 |
| Des Moines    | 430    | 10.8 | Emmet      | 123    | 12.7 |
| Jasper        | 429    | 11.7 | Franklin   | 123    | 12.1 |
| Lee           | 423    | 12.2 | Clarke     | 120    | 12.9 |
| Marion        | 409    | 12.3 | Hancock    | 118    | 10.9 |
| Benton        | 316    | 12.3 | Greene     | 117    | 13.0 |
| Buena Vista   | 315    | 15.5 | Humboldt   | 114    | 12.0 |
| Boone         | 301    | 11.3 | Winnebago  | 112    | 10.5 |
| Washington    | 297    | 13.3 | Calhoun    | 111    | 11.3 |
| Buchanan      | 296    | 14.1 | Keokuk     | 111    | 11.0 |
| Plymouth      | 280    | 11.1 | Sac        | 111    | 11.2 |
| Carroll       | 265    | 13.0 | Shelby     | 109    | 9.2  |
| Mahaska       | 258    | 11.6 | Palo Alto  | 105    | 11.6 |
| Crawford      | 254    | 15.0 | Howard     | 104    | 11.1 |
| Bremer        | 251    | 10.1 | Wayne      | 104    | 16.1 |
| Henry         | 235    | 11.9 | Mitchell   | 102    | 9.5  |
| Jackson       | 217    | 11.1 | Lucas      | 101    | 11.7 |
| Fayette       | 212    | 10.6 | Monona     | 101    | 11.4 |
| Hamilton      | 203    | 13.5 | Guthrie    | 100    | 9.4  |
| Jones         | 203    | 9.9  | Van Buren  | 97     | 13.3 |
| Allamakee     | 198    | 14.3 | Decatur    | 92     | 11.3 |
| Tama          | 191    | 11.0 | Monroe     | 87     | 11.1 |
| Delaware      | 190    | 11.0 | Worth      | 83     | 11.0 |
| Floyd         | 188    | 11.8 | Osceola    | 80     | 13.2 |
| Clay          | 183    | 11.2 | Fremont    | 79     | 11.4 |
| Davis         | 183    | 20.7 | Pocahontas | 79     | 11.5 |
| Iowa          | 179    | 11.0 | Ida        | 78     | 11.2 |
| Winneshiek    | 178    | 8.7  | Adair      | 77     | 10.9 |
| Kossuth       | 176    | 11.6 | Taylor     | 73     | 11.7 |
| Clayton       | 172    | 9.8  | Ringgold   | 71     | 14.0 |
| Madison       | 171    | 10.8 | Audubon    | 54     | 9.5  |
| Harrison      | 170    | 12.0 | Adams      | 38     | 10.3 |
| Hardin        | 168    | 9.8  |            |        |      |

**TABLE 42**  
**LIVE BIRTHS TO MOTHERS UNDER AGE 20 BY COUNTY**  
**2016 (RATE PER 1,000 LIVE BIRTHS)**

| County        | Number | Rate  | County     | Number | Rate |
|---------------|--------|-------|------------|--------|------|
| Polk          | 322    | 46.6  | Butler     | 6      | 43.5 |
| Scott         | 127    | 57.8  | Calhoun    | 6      | 54.1 |
| Linn          | 115    | 41.2  | Cedar      | 6      | 35.9 |
| Woodbury      | 92     | 59.9  | Cherokee   | 6      | 47.2 |
| Pottawattamie | 78     | 65.1  | Fremont    | 6      | 75.9 |
| Black Hawk    | 73     | 43.7  | Hardin     | 6      | 35.7 |
| Dubuque       | 61     | 51.0  | Harrison   | 6      | 35.3 |
| Clinton       | 46     | 79.9  | Keokuk     | 6      | 54.1 |
| Johnson       | 41     | 22.1  | Mills      | 6      | 42.3 |
| Marshall      | 41     | 76.5  | Van Buren  | 6      | 61.9 |
| Lee           | 37     | 87.5  | Adair      | *      | *    |
| Des Moines    | 35     | 81.4  | Adams      | *      | *    |
| Wapello       | 35     | 79.0  | Audubon    | *      | *    |
| Webster       | 30     | 68.8  | Bremer     | *      | *    |
| Muscatine     | 26     | 48.2  | Chickasaw  | *      | *    |
| Dallas        | 25     | 19.7  | Clay       | *      | *    |
| Sioux         | 24     | 49.3  | Clayton    | *      | *    |
| Crawford      | 23     | 90.6  | Davis      | *      | *    |
| Cerro Gordo   | 21     | 46.9  | Decatur    | *      | *    |
| Marion        | 20     | 48.9  | Delaware   | *      | *    |
| Warren        | 20     | 34.0  | Dickinson  | *      | *    |
| Buena Vista   | 19     | 60.3  | Emmet      | *      | *    |
| Story         | 16     | 16.9  | Floyd      | *      | *    |
| Page          | 15     | 92.6  | Greene     | *      | *    |
| Franklin      | 14     | 113.8 | Grundy     | *      | *    |
| Henry         | 14     | 59.6  | Guthrie    | *      | *    |
| Fayette       | 13     | 61.3  | Howard     | *      | *    |
| Jasper        | 13     | 30.3  | Humboldt   | *      | *    |
| Mahaska       | 13     | 50.4  | Ida        | *      | *    |
| Appanoose     | 12     | 77.4  | Iowa       | *      | *    |
| Boone         | 12     | 39.9  | Jackson    | *      | *    |
| Tama          | 12     | 62.8  | Kossuth    | *      | *    |
| Hamilton      | 11     | 54.2  | Lyon       | *      | *    |
| Louisa        | 11     | 78.0  | Madison    | *      | *    |
| O'Brien       | 11     | 65.5  | Mitchell   | *      | *    |
| Wright        | 11     | 65.5  | Monona     | *      | *    |
| Benton        | 10     | 31.6  | Monroe     | *      | *    |
| Clarke        | 10     | 83.3  | Osceola    | *      | *    |
| Hancock       | 9      | 76.3  | Palo Alto  | *      | *    |
| Plymouth      | 9      | 32.1  | Pocahontas | *      | *    |
| Washington    | 9      | 30.3  | Poweshiek  | *      | *    |
| Carroll       | 8      | 30.2  | Ringgold   | *      | *    |
| Cass          | 8      | 59.3  | Sac        | *      | *    |
| Jones         | 8      | 39.4  | Shelby     | *      | *    |
| Allamakee     | 7      | 35.4  | Taylor     | *      | *    |
| Buchanan      | 7      | 23.6  | Wayne      | *      | *    |
| Jefferson     | 7      | 48.6  | Winnebago  | *      | *    |
| Lucas         | 7      | 69.3  | Winneshiek | *      | *    |
| Montgomery    | 7      | 53.8  | Worth      | *      | *    |
| Union         | 7      | 47.9  |            |        |      |

\* In this table, counts of five or less births and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 43**  
**INFANT DEATHS BY COUNTY**  
**2016 (RATE PER 1,000 LIVE BIRTHS)**

| County        | Number | Rate | County     | Number | Rate |
|---------------|--------|------|------------|--------|------|
| Polk          | 59     | 8.5  | Howard     | *      | *    |
| Johnson       | 17     | 9.2  | Humboldt   | *      | *    |
| Linn          | 17     | 6.1  | Ida        | *      | *    |
| Black Hawk    | 13     | 7.8  | Iowa       | *      | *    |
| Woodbury      | 12     | 7.8  | Jackson    | *      | *    |
| Scott         | 11     | 5.0  | Jasper     | *      | *    |
| Pottawattamie | 8      | 6.7  | Jefferson  | *      | *    |
| Adair         | *      | *    | Jones      | *      | *    |
| Adams         | *      | *    | Keokuk     | *      | *    |
| Allamakee     | *      | *    | Kossuth    | *      | *    |
| Appanoose     | *      | *    | Lee        | *      | *    |
| Audubon       | *      | *    | Louisa     | *      | *    |
| Benton        | *      | *    | Lucas      | *      | *    |
| Boone         | *      | *    | Lyon       | *      | *    |
| Bremer        | *      | *    | Madison    | *      | *    |
| Buchanan      | *      | *    | Mahaska    | *      | *    |
| Buena Vista   | *      | *    | Marion     | *      | *    |
| Butler        | *      | *    | Marshall   | *      | *    |
| Calhoun       | *      | *    | Mills      | *      | *    |
| Carroll       | *      | *    | Mitchell   | *      | *    |
| Cass          | *      | *    | Monona     | *      | *    |
| Cedar         | *      | *    | Monroe     | *      | *    |
| Cerro Gordo   | *      | *    | Montgomery | *      | *    |
| Cherokee      | *      | *    | Muscatine  | *      | *    |
| Chickasaw     | *      | *    | O'Brien    | *      | *    |
| Clarke        | *      | *    | Osceola    | *      | *    |
| Clay          | *      | *    | Page       | *      | *    |
| Clayton       | *      | *    | Palo Alto  | *      | *    |
| Clinton       | *      | *    | Plymouth   | *      | *    |
| Crawford      | *      | *    | Pocahontas | *      | *    |
| Dallas        | *      | *    | Poweshiek  | *      | *    |
| Davis         | *      | *    | Ringgold   | *      | *    |
| Decatur       | *      | *    | Sac        | *      | *    |
| Delaware      | *      | *    | Shelby     | *      | *    |
| Des Moines    | *      | *    | Sioux      | *      | *    |
| Dickinson     | *      | *    | Story      | *      | *    |
| Dubuque       | *      | *    | Tama       | *      | *    |
| Emmet         | *      | *    | Taylor     | *      | *    |
| Fayette       | *      | *    | Union      | *      | *    |
| Floyd         | *      | *    | Van Buren  | *      | *    |
| Franklin      | *      | *    | Wapello    | *      | *    |
| Fremont       | *      | *    | Warren     | *      | *    |
| Greene        | *      | *    | Washington | *      | *    |
| Grundy        | *      | *    | Wayne      | *      | *    |
| Guthrie       | *      | *    | Webster    | *      | *    |
| Hamilton      | *      | *    | Winnebago  | *      | *    |
| Hancock       | *      | *    | Winneshiek | *      | *    |
| Hardin        | *      | *    | Worth      | *      | *    |
| Harrison      | *      | *    | Wright     | *      | *    |
| Henry         | *      | *    |            |        |      |

\* In this table, counts of five or less deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 44**  
**DEATHS BY COUNTY**  
**2016 (RATE PER 1,000 POPULATION)**

| County        | Number | Rate | County     | Number | Rate |
|---------------|--------|------|------------|--------|------|
| Polk          | 3,487  | 7.4  | Harrison   | 171    | 12.1 |
| Linn          | 1,805  | 8.1  | Delaware   | 170    | 9.8  |
| Scott         | 1,509  | 8.7  | Floyd      | 170    | 10.7 |
| Black Hawk    | 1,240  | 9.3  | Jefferson  | 169    | 9.3  |
| Pottawattamie | 937    | 10.0 | Hamilton   | 167    | 11.1 |
| Woodbury      | 927    | 9.0  | Crawford   | 164    | 9.7  |
| Dubuque       | 867    | 8.9  | Wright     | 160    | 12.5 |
| Johnson       | 784    | 5.3  | Madison    | 157    | 9.9  |
| Clinton       | 576    | 12.2 | Appanoose  | 155    | 12.4 |
| Story         | 551    | 5.7  | Allamakee  | 151    | 10.9 |
| Cerro Gordo   | 539    | 12.5 | Union      | 151    | 12.2 |
| Dallas        | 487    | 5.8  | Grundy     | 145    | 11.8 |
| Des Moines    | 477    | 12.0 | Calhoun    | 144    | 14.6 |
| Marshall      | 473    | 11.7 | Monona     | 143    | 16.1 |
| Lee           | 436    | 12.6 | Shelby     | 143    | 12.1 |
| Webster       | 436    | 11.9 | Franklin   | 140    | 13.8 |
| Warren        | 433    | 8.7  | Chickasaw  | 136    | 11.3 |
| Muscatine     | 417    | 9.7  | Greene     | 136    | 15.1 |
| Wapello       | 392    | 11.2 | Sac        | 132    | 13.4 |
| Jasper        | 363    | 9.9  | Winnebago  | 127    | 11.9 |
| Marion        | 334    | 10.1 | Mitchell   | 125    | 11.6 |
| Boone         | 306    | 11.5 | Montgomery | 125    | 12.2 |
| Sioux         | 262    | 7.5  | Emmet      | 121    | 12.5 |
| Fayette       | 256    | 12.8 | Keokuk     | 121    | 12.0 |
| Mahaska       | 253    | 11.4 | Hancock    | 118    | 10.9 |
| Washington    | 242    | 10.9 | Palo Alto  | 118    | 13.0 |
| Plymouth      | 241    | 9.6  | Mills      | 117    | 7.8  |
| Carroll       | 230    | 11.3 | Monroe     | 117    | 14.9 |
| Benton        | 223    | 8.7  | Humboldt   | 112    | 11.8 |
| Bremer        | 219    | 8.8  | Lucas      | 111    | 12.8 |
| Henry         | 215    | 10.9 | Clarke     | 110    | 11.8 |
| Poweshiek     | 215    | 11.6 | Louisa     | 109    | 9.8  |
| Page          | 213    | 13.8 | Adair      | 106    | 14.9 |
| Hardin        | 208    | 12.1 | Howard     | 103    | 11.0 |
| Cedar         | 200    | 10.8 | Ida        | 103    | 14.7 |
| O'Brien       | 199    | 14.2 | Worth      | 103    | 13.6 |
| Buchanan      | 195    | 9.3  | Van Buren  | 99     | 13.6 |
| Clayton       | 195    | 11.1 | Pocahontas | 98     | 14.2 |
| Tama          | 195    | 11.3 | Lyon       | 97     | 8.3  |
| Buena Vista   | 191    | 9.4  | Guthrie    | 96     | 9.0  |
| Cass          | 191    | 14.5 | Davis      | 94     | 10.6 |
| Butler        | 189    | 12.8 | Audubon    | 88     | 15.5 |
| Dickinson     | 189    | 11.0 | Decatur    | 86     | 10.6 |
| Jones         | 188    | 9.2  | Fremont    | 86     | 12.4 |
| Winneshiek    | 187    | 9.1  | Osceola    | 86     | 14.2 |
| Jackson       | 186    | 9.6  | Ringgold   | 84     | 16.6 |
| Cherokee      | 175    | 15.2 | Wayne      | 78     | 12.1 |
| Iowa          | 174    | 10.7 | Taylor     | 71     | 11.4 |
| Kossuth       | 174    | 11.5 | Adams      | 47     | 12.7 |
| Clay          | 171    | 10.5 |            |        |      |

**TABLE 45**  
**SUICIDE DEATHS BY COUNTY**  
**2016 (RATE PER 100,000 POPULATION)**

| County        | Number | Rate | County     | Number | Rate |
|---------------|--------|------|------------|--------|------|
| Polk          | 71     | 15.0 | Hamilton   | *      | *    |
| Linn          | 40     | 18.0 | Hancock    | *      | *    |
| Black Hawk    | 22     | 16.6 | Hardin     | *      | *    |
| Scott         | 18     | 10.4 | Harrison   | *      | *    |
| Johnson       | 16     | 10.9 | Henry      | *      | *    |
| Pottawattamie | 15     | 16.0 | Howard     | *      | *    |
| Dallas        | 13     | 15.4 | Humboldt   | *      | *    |
| Dubuque       | 11     | 11.3 | Ida        | *      | *    |
| Woodbury      | 10     | 9.7  | Iowa       | *      | *    |
| Warren        | 9      | 18.1 | Jackson    | *      | *    |
| Clinton       | 8      | 16.9 | Jasper     | *      | *    |
| Jefferson     | 8      | 44.2 | Jones      | *      | *    |
| Cerro Gordo   | 7      | 16.3 | Keokuk     | *      | *    |
| Story         | 7      | 7.2  | Kossuth    | *      | *    |
| Webster       | 7      | 19.0 | Louisa     | *      | *    |
| Des Moines    | 6      | 15.1 | Lucas      | *      | *    |
| Lee           | 6      | 17.3 | Lyon       | *      | *    |
| Adair         | *      | *    | Madison    | *      | *    |
| Adams         | *      | *    | Mahaska    | *      | *    |
| Allamakee     | *      | *    | Marion     | *      | *    |
| Appanoose     | *      | *    | Marshall   | *      | *    |
| Audubon       | *      | *    | Mills      | *      | *    |
| Benton        | *      | *    | Mitchell   | *      | *    |
| Boone         | *      | *    | Monona     | *      | *    |
| Bremer        | *      | *    | Monroe     | *      | *    |
| Buchanan      | *      | *    | Montgomery | *      | *    |
| Buena Vista   | *      | *    | Muscatine  | *      | *    |
| Butler        | *      | *    | O'Brien    | *      | *    |
| Calhoun       | *      | *    | Osceola    | *      | *    |
| Carroll       | *      | *    | Page       | *      | *    |
| Cass          | *      | *    | Palo Alto  | *      | *    |
| Cedar         | *      | *    | Plymouth   | *      | *    |
| Cherokee      | *      | *    | Pocahontas | *      | *    |
| Chickasaw     | *      | *    | Poweshiek  | *      | *    |
| Clarke        | *      | *    | Ringgold   | *      | *    |
| Clay          | *      | *    | Sac        | *      | *    |
| Clayton       | *      | *    | Shelby     | *      | *    |
| Crawford      | *      | *    | Sioux      | *      | *    |
| Davis         | *      | *    | Tama       | *      | *    |
| Decatur       | *      | *    | Taylor     | *      | *    |
| Delaware      | *      | *    | Union      | *      | *    |
| Dickinson     | *      | *    | Van Buren  | *      | *    |
| Emmet         | *      | *    | Wapello    | *      | *    |
| Fayette       | *      | *    | Washington | *      | *    |
| Floyd         | *      | *    | Wayne      | *      | *    |
| Franklin      | *      | *    | Winnebago  | *      | *    |
| Fremont       | *      | *    | Winneshiek | *      | *    |
| Greene        | *      | *    | Worth      | *      | *    |
| Grundy        | *      | *    | Wright     | *      | *    |
| Guthrie       | *      | *    |            |        |      |

\* In this table, counts of five or less deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 46**  
**UNINTENTIONAL INJURY DEATHS BY COUNTY**  
**2016 (RATE PER 100,000 POPULATION)**

| County        | Number | Rate  | County     | Number | Rate  |
|---------------|--------|-------|------------|--------|-------|
| Polk          | 209    | 44.1  | Franklin   | 8      | 78.7  |
| Linn          | 89     | 40.2  | Greene     | 8      | 88.8  |
| Scott         | 71     | 41.2  | Hardin     | 8      | 46.4  |
| Black Hawk    | 70     | 52.7  | Mills      | 8      | 53.4  |
| Pottawattamie | 62     | 66.3  | Allamakee  | 7      | 50.4  |
| Johnson       | 61     | 41.6  | Appanoose  | 7      | 56.2  |
| Dubuque       | 45     | 46.4  | Humboldt   | 7      | 73.8  |
| Lee           | 43     | 124.2 | Keokuk     | 7      | 69.2  |
| Woodbury      | 40     | 38.9  | Mitchell   | 7      | 65.0  |
| Cerro Gordo   | 35     | 81.3  | Osceola    | 7      | 115.4 |
| Webster       | 30     | 81.6  | Page       | 7      | 45.5  |
| Clinton       | 28     | 59.2  | Sac        | 7      | 70.9  |
| Des Moines    | 27     | 67.9  | Shelby     | 7      | 59.3  |
| Story         | 27     | 27.8  | Union      | 7      | 56.4  |
| Benton        | 26     | 101.2 | Van Buren  | 7      | 96.3  |
| Marshall      | 23     | 57.1  | Winneshiek | 7      | 34.0  |
| Dallas        | 22     | 26.0  | Worth      | 7      | 92.4  |
| Boone         | 21     | 79.1  | Adair      | 6      | 84.6  |
| Wapello       | 21     | 60.0  | Calhoun    | 6      | 60.9  |
| Warren        | 20     | 40.2  | Davis      | 6      | 67.7  |
| Washington    | 17     | 76.3  | Fremont    | 6      | 86.3  |
| Marion        | 16     | 48.2  | Poweshiek  | 6      | 32.4  |
| Sioux         | 16     | 45.8  | Taylor     | 6      | 96.5  |
| Fayette       | 15     | 74.8  | Adams      | *      | *     |
| Jones         | 15     | 73.4  | Cedar      | *      | *     |
| Muscatine     | 15     | 34.9  | Cherokee   | *      | *     |
| Kossuth       | 14     | 92.6  | Clarke     | *      | *     |
| Henry         | 13     | 65.7  | Clay       | *      | *     |
| Jasper        | 13     | 35.4  | Decatur    | *      | *     |
| Crawford      | 12     | 70.8  | Dickinson  | *      | *     |
| Mahaska       | 12     | 54.1  | Emmet      | *      | *     |
| Butler        | 11     | 74.4  | Grundy     | *      | *     |
| Delaware      | 11     | 63.5  | Guthrie    | *      | *     |
| Audubon       | 10     | 176.1 | Hamilton   | *      | *     |
| Bremer        | 10     | 40.3  | Hancock    | *      | *     |
| Buchanan      | 10     | 47.6  | Harrison   | *      | *     |
| Buena Vista   | 10     | 49.2  | Howard     | *      | *     |
| Carroll       | 10     | 48.9  | Ida        | *      | *     |
| Clayton       | 10     | 56.9  | Louisa     | *      | *     |
| Floyd         | 10     | 63.0  | Lucas      | *      | *     |
| Iowa          | 10     | 61.3  | Lyon       | *      | *     |
| Jefferson     | 10     | 55.3  | Monroe     | *      | *     |
| Winnebago     | 10     | 94.1  | Montgomery | *      | *     |
| Jackson       | 9      | 46.2  | O'Brien    | *      | *     |
| Madison       | 9      | 56.8  | Palo Alto  | *      | *     |
| Monona        | 9      | 101.1 | Plymouth   | *      | *     |
| Ringgold      | 9      | 177.6 | Pocahontas | *      | *     |
| Tama          | 9      | 52.0  | Wayne      | *      | *     |
| Cass          | 8      | 60.8  | Wright     | *      | *     |
| Chickasaw     | 8      | 66.5  |            |        |       |

\* In this table, counts of five or less deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 47**  
**ACTUAL NUMBER OF BIRTHS PER COUNTY 2004-2016**

| County               | 2004          | 2005          | 2006          | 2007          | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          | 2015          | 2016          |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>State of Iowa</b> | <b>38,368</b> | <b>39,275</b> | <b>40,592</b> | <b>40,835</b> | <b>40,221</b> | <b>39,662</b> | <b>38,514</b> | <b>38,204</b> | <b>38,686</b> | <b>39,013</b> | <b>39,685</b> | <b>39,467</b> | <b>39,223</b> |
| Adair                | 60            | 86            | 97            | 92            | 76            | 76            | 69            | 81            | 68            | 70            | 67            | 70            | 77            |
| Adams                | 38            | 42            | 64            | 40            | 37            | 55            | 48            | 39            | 50            | 59            | 51            | 35            | 38            |
| Allamakee            | 205           | 206           | 207           | 205           | 193           | 180           | 169           | 164           | 179           | 183           | 180           | 186           | 198           |
| Appanoose            | 145           | 184           | 154           | 168           | 184           | 146           | 143           | 167           | 159           | 140           | 136           | 157           | 155           |
| Audubon              | 46            | 73            | 57            | 54            | 83            | 64            | 57            | 58            | 50            | 69            | 64            | 74            | 54            |
| Benton               | 315           | 291           | 310           | 289           | 309           | 290           | 301           | 267           | 256           | 287           | 309           | 299           | 316           |
| Black Hawk           | 1,715         | 1,683         | 1,776         | 1,730         | 1,774         | 1,746         | 1,688         | 1,632         | 1,729         | 1,689         | 1,774         | 1,781         | 1,669         |
| Boone                | 287           | 310           | 329           | 320           | 303           | 306           | 284           | 323           | 317           | 303           | 268           | 288           | 301           |
| Bremer               | 232           | 273           | 297           | 285           | 265           | 250           | 209           | 252           | 263           | 237           | 272           | 287           | 251           |
| Buchanan             | 290           | 298           | 340           | 314           | 301           | 306           | 290           | 294           | 267           | 274           | 307           | 283           | 296           |
| Buena Vista          | 268           | 292           | 260           | 289           | 290           | 286           | 313           | 301           | 339           | 339           | 337           | 290           | 315           |
| Butler               | 179           | 171           | 170           | 202           | 173           | 167           | 151           | 167           | 168           | 158           | 160           | 143           | 138           |
| Calhoun              | 115           | 100           | 108           | 108           | 95            | 128           | 103           | 100           | 124           | 96            | 124           | 114           | 111           |
| Carroll              | 260           | 269           | 302           | 275           | 264           | 274           | 249           | 277           | 256           | 263           | 254           | 268           | 265           |
| Cass                 | 151           | 170           | 159           | 171           | 178           | 162           | 163           | 148           | 152           | 143           | 138           | 140           | 135           |
| Cedar                | 205           | 194           | 203           | 220           | 200           | 224           | 183           | 190           | 178           | 178           | 188           | 202           | 167           |
| Cerro Gordo          | 500           | 471           | 501           | 549           | 522           | 477           | 486           | 479           | 450           | 478           | 484           | 465           | 448           |
| Cherokee             | 113           | 113           | 119           | 137           | 106           | 126           | 101           | 135           | 140           | 128           | 138           | 134           | 127           |
| Chickasaw            | 131           | 179           | 156           | 153           | 153           | 137           | 142           | 152           | 153           | 131           | 136           | 124           | 143           |
| Clarke               | 124           | 132           | 126           | 141           | 145           | 137           | 116           | 130           | 126           | 129           | 118           | 128           | 120           |
| Clay                 | 209           | 200           | 205           | 214           | 217           | 192           | 203           | 194           | 193           | 206           | 213           | 182           | 183           |
| Clayton              | 207           | 190           | 226           | 198           | 210           | 194           | 184           | 189           | 212           | 190           | 205           | 184           | 172           |
| Clinton              | 599           | 623           | 653           | 633           | 606           | 589           | 641           | 575           | 568           | 547           | 554           | 603           | 576           |
| Crawford             | 244           | 212           | 249           | 268           | 235           | 235           | 258           | 257           | 229           | 225           | 233           | 218           | 254           |
| Dallas               | 655           | 797           | 893           | 962           | 1,026         | 1,014         | 1,029         | 1,065         | 1,165         | 1,233         | 1,222         | 1,265         | 1,269         |
| Davis                | 118           | 137           | 138           | 136           | 143           | 142           | 142           | 134           | 133           | 126           | 160           | 125           | 183           |
| Decatur              | 103           | 101           | 97            | 114           | 119           | 103           | 94            | 85            | 82            | 103           | 97            | 98            | 92            |
| Delaware             | 189           | 210           | 216           | 231           | 180           | 207           | 192           | 187           | 189           | 223           | 212           | 226           | 190           |
| Des Moines           | 525           | 500           | 557           | 558           | 527           | 518           | 468           | 476           | 470           | 457           | 467           | 488           | 430           |
| Dickinson            | 178           | 153           | 173           | 179           | 186           | 161           | 145           | 172           | 161           | 170           | 166           | 178           | 149           |
| Dubuque              | 1,204         | 1,125         | 1,208         | 1,243         | 1,224         | 1,217         | 1,193         | 1,135         | 1,176         | 1,220         | 1,223         | 1,262         | 1,196         |
| Emmet                | 129           | 158           | 146           | 127           | 125           | 126           | 114           | 102           | 115           | 116           | 121           | 96            | 123           |
| Fayette              | 209           | 250           | 230           | 232           | 228           | 263           | 218           | 233           | 219           | 196           | 206           | 222           | 212           |
| Floyd                | 197           | 218           | 220           | 213           | 203           | 170           | 177           | 216           | 168           | 201           | 184           | 208           | 188           |
| Franklin             | 133           | 128           | 124           | 173           | 127           | 134           | 140           | 114           | 108           | 114           | 135           | 126           | 123           |
| Fremont              | 74            | 90            | 81            | 108           | 86            | 95            | 82            | 66            | 81            | 65            | 76            | 87            | 79            |
| Greene               | 100           | 93            | 128           | 95            | 110           | 95            | 108           | 85            | 97            | 117           | 98            | 106           | 117           |
| Grundy               | 112           | 123           | 138           | 139           | 130           | 156           | 144           | 141           | 124           | 139           | 128           | 111           | 135           |
| Guthrie              | 106           | 127           | 122           | 122           | 121           | 124           | 86            | 109           | 104           | 110           | 117           | 116           | 100           |
| Hamilton             | 201           | 185           | 184           | 193           | 168           | 185           | 157           | 174           | 143           | 179           | 221           | 185           | 203           |
| Hancock              | 117           | 155           | 131           | 133           | 119           | 105           | 108           | 95            | 113           | 110           | 119           | 116           | 118           |
| Hardin               | 200           | 207           | 196           | 200           | 221           | 173           | 199           | 178           | 179           | 175           | 193           | 212           | 168           |
| Harrison             | 136           | 177           | 175           | 211           | 188           | 173           | 154           | 154           | 138           | 170           | 158           | 162           | 170           |
| Henry                | 255           | 246           | 221           | 251           | 250           | 217           | 240           | 231           | 224           | 230           | 228           | 236           | 235           |
| Howard               | 119           | 131           | 127           | 140           | 132           | 134           | 108           | 112           | 130           | 115           | 117           | 126           | 104           |
| Humboldt             | 143           | 121           | 125           | 106           | 103           | 111           | 111           | 103           | 101           | 117           | 102           | 102           | 114           |
| Ida                  | 80            | 81            | 92            | 97            | 83            | 106           | 83            | 74            | 93            | 84            | 66            | 85            | 78            |
| Iowa                 | 190           | 200           | 206           | 169           | 203           | 204           | 184           | 178           | 197           | 188           | 195           | 189           | 179           |
| Jackson              | 193           | 198           | 229           | 219           | 191           | 219           | 174           | 220           | 207           | 198           | 202           | 229           | 217           |
| Jasper               | 421           | 474           | 402           | 423           | 441           | 389           | 415           | 417           | 441           | 404           | 424           | 395           | 429           |
| Jefferson            | 152           | 171           | 142           | 142           | 155           | 157           | 150           | 129           | 144           | 140           | 159           | 158           | 144           |
| Johnson              | 1,560         | 1,457         | 1,615         | 1,650         | 1,719         | 1,711         | 1,792         | 1,733         | 1,830         | 1,767         | 1,824         | 1,806         | 1,856         |
| Jones                | 219           | 228           | 212           | 242           | 238           | 200           | 227           | 190           | 209           | 226           | 218           | 216           | 203           |
| Keokuk               | 133           | 125           | 139           | 124           | 120           | 118           | 113           | 137           | 128           | 132           | 117           | 122           | 111           |
| Kossuth              | 175           | 181           | 166           | 187           | 154           | 156           | 179           | 162           | 151           | 162           | 166           | 168           | 176           |
| Lee                  | 385           | 407           | 454           | 419           | 376           | 439           | 385           | 405           | 431           | 431           | 406           | 415           | 423           |
| Linn                 | 2,759         | 2,783         | 2,869         | 2,844         | 2,847         | 2,900         | 2,761         | 2,732         | 2,722         | 2,705         | 2,804         | 2,851         | 2,790         |
| Louisa               | 164           | 129           | 147           | 157           | 132           | 114           | 134           | 124           | 137           | 121           | 160           | 147           | 141           |
| Lucas                | 89            | 120           | 125           | 131           | 106           | 95            | 113           | 100           | 82            | 101           | 104           | 92            | 101           |
| Lyon                 | 144           | 169           | 175           | 167           | 170           | 156           | 174           | 173           | 169           | 158           | 164           | 181           | 168           |
| Madison              | 196           | 189           | 205           | 192           | 218           | 200           | 205           | 150           | 166           | 166           | 143           | 184           | 171           |
| Mahaska              | 268           | 306           | 322           | 295           | 280           | 301           | 292           | 281           | 267           | 273           | 290           | 309           | 258           |
| Marion               | 398           | 424           | 422           | 451           | 401           | 420           | 374           | 358           | 368           | 390           | 368           | 346           | 409           |
| Marshall             | 642           | 612           | 624           | 606           | 626           | 589           | 557           | 538           | 583           | 548           | 540           | 494           | 536           |
| Mills                | 183           | 197           | 179           | 188           | 182           | 169           | 155           | 147           | 179           | 129           | 166           | 159           | 142           |
| Mitchell             | 111           | 147           | 119           | 108           | 129           | 112           | 145           | 118           | 106           | 144           | 124           | 119           | 102           |
| Monona               | 103           | 95            | 120           | 99            | 96            | 82            | 90            | 83            | 95            | 73            | 94            | 86            | 101           |
| Monroe               | 82            | 76            | 96            | 93            | 101           | 78            | 98            | 81            | 82            | 90            | 91            | 91            | 87            |
| Montgomery           | 125           | 142           | 137           | 138           | 121           | 117           | 107           | 104           | 114           | 112           | 133           | 116           | 130           |
| Muscatine            | 587           | 587           | 633           | 628           | 644           | 596           | 572           | 533           | 557           | 550           | 564           | 524           | 539           |
| O'Brien              | 171           | 184           | 170           | 176           | 173           | 169           | 176           | 146           | 153           | 183           | 157           | 191           | 168           |
| Osceola              | 80            | 73            | 70            | 66            | 76            | 66            | 59            | 62            | 80            | 79            | 77            | 70            | 80            |
| Page                 | 168           | 167           | 177           | 177           | 170           | 200           | 156           | 182           | 183           | 171           | 175           | 164           | 162           |
| Palo Alto            | 105           | 121           | 126           | 118           | 121           | 92            | 101           | 96            | 88            | 110           | 103           | 116           | 105           |
| Plymouth             | 324           | 313           | 306           | 336           | 318           | 310           | 265           | 284           | 293           | 265           | 301           | 302           | 280           |
| Pocahontas           | 74            | 88            | 68            | 74            | 88            | 69            | 69            | 79            | 69            | 99            | 64            | 87            | 79            |
| Polk                 | 6,320         | 6,567         | 6,911         | 6,915         | 6,723         | 6,690         | 6,521         | 6,498         | 6,729         | 6,767         | 6,946         | 7,019         | 6,914         |
| Pottawattamie        | 1,221         | 1,227         | 1,227         | 1,233         | 1,243         | 1,303         | 1,321         | 1,194         | 1,180         | 1,203         | 1,208         | 1,136         | 1,199         |
| Poweshiek            | 183           | 195           | 187           | 213           | 184           | 191           | 207           | 183           | 178           | 170           | 178           | 181           | 164           |
| Ringgold             | 57            | 79            | 59            | 60            | 63            | 64            | 54            | 51            | 56            | 52            | 57            | 71            |               |
| Sac                  | 123           | 120           | 119           | 113           | 105           | 106           | 96            | 109           | 101           | 121           | 119           | 111           | 111           |
| Scott                | 2,299         | 2,317         | 2,247         | 2,343         | 2,229         | 2,339         | 2,101         | 2,275         | 2,200         | 2,269         | 2,274         | 2,234         | 2,199         |
| Shelby               | 115           | 101           | 121           | 131           | 117           | 120           | 117           | 127           | 135           | 121           | 118           | 122           | 109           |
| Sioux                | 464           | 479           | 522           | 501           | 526           | 522           | 527           | 497           | 510           | 526           | 517           | 487           | 487           |
| Story                | 902           | 945           | 999           | 1,042         | 1,002         | 990           | 945           | 970           | 919           | 980           | 908           | 856           | 944           |
| Tama                 | 237           | 256           | 226           | 211           | 234           | 205           | 211           | 213           | 219           | 215           | 235           | 240           | 191           |
| Taylor               | 68            | 79            | 79            | 64            | 75            | 48            | 78            | 65            | 77            | 82            | 79            | 81            | 73            |
| Union                | 143           | 152           | 170           | 165           | 162           | 138           | 147           | 146           | 130           | 136           | 139           | 114           | 146           |
| Van Buren            | 88            | 98            | 89            | 106           | 91            | 95            | 106           | 84            | 107           | 85            | 91            | 76            | 97            |
| Wapello              | 476           | 504           | 496           | 513           | 475           | 504           | 454           | 424           | 432           | 425           | 441           | 444           | 443           |
| Warren               | 507           | 549           | 515           | 527           | 544           | 537           | 523           | 515           | 542           | 532           | 557           | 530           | 589           |
| Washington           | 290           | 265           | 316           | 258           | 295           | 243           | 278           | 268           | 278           | 304           | 333           | 306           | 297           |
| Wayne                | 81            | 76            | 88            |               |               |               |               |               |               |               |               |               |               |

**TABLE 47 A**  
**BIRTH RATE (PER 1,000 POPULATION) 2004-2016**

| County               | 2004        | 2005        | 2006        | 2007        | 2008        | 2009        | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>State of Iowa</b> | <b>13.0</b> | <b>13.2</b> | <b>13.6</b> | <b>13.7</b> | <b>13.4</b> | <b>13.2</b> | <b>12.6</b> | <b>12.5</b> | <b>12.6</b> | <b>12.6</b> | <b>12.8</b> | <b>12.6</b> | <b>12.5</b> |
| Adair                | 7.6         | 10.9        | 12.6        | 12.1        | 10.1        | 10.3        | 9.0         | 10.6        | 9.1         | 9.4         | 9.0         | 9.7         | 10.9        |
| Adams                | 8.8         | 9.8         | 15.3        | 9.8         | 9.2         | 14.0        | 11.9        | 9.7         | 12.8        | 15.2        | 13.2        | 9.2         | 10.3        |
| Allamakee            | 13.9        | 14.0        | 14.0        | 14.0        | 13.3        | 12.5        | 11.8        | 11.4        | 12.6        | 12.9        | 12.8        | 13.4        | 14.3        |
| Appanoose            | 10.6        | 13.5        | 11.5        | 12.9        | 14.3        | 11.5        | 11.1        | 13.0        | 12.5        | 11.0        | 10.7        | 12.5        | 12.4        |
| Audubon              | 7.1         | 11.3        | 9.1         | 8.9         | 13.8        | 10.6        | 9.3         | 9.5         | 8.5         | 11.7        | 11.0        | 12.8        | 9.5         |
| Benton               | 11.8        | 10.8        | 11.5        | 10.9        | 11.6        | 10.8        | 11.5        | 10.2        | 9.9         | 11.2        | 12.0        | 11.7        | 12.3        |
| Black Hawk           | 13.6        | 13.4        | 14.1        | 13.6        | 13.8        | 13.5        | 12.9        | 12.4        | 13.1        | 12.7        | 13.3        | 13.3        | 12.6        |
| Boone                | 10.8        | 11.7        | 12.4        | 12.1        | 11.5        | 11.7        | 10.8        | 12.3        | 12.1        | 11.5        | 10.1        | 10.8        | 11.3        |
| Bremer               | 9.9         | 11.5        | 12.5        | 12.0        | 11.2        | 10.7        | 8.6         | 10.4        | 10.7        | 9.6         | 11.0        | 11.6        | 10.1        |
| Buchanan             | 13.8        | 14.2        | 16.2        | 15.0        | 14.3        | 14.6        | 13.9        | 14.0        | 12.7        | 13.1        | 14.6        | 13.4        | 14.1        |
| Buena Vista          | 13.3        | 14.5        | 12.9        | 14.6        | 14.7        | 14.6        | 15.4        | 14.8        | 16.5        | 16.5        | 14.2        | 15.5        |             |
| Butler               | 11.9        | 11.3        | 11.3        | 13.8        | 11.8        | 11.6        | 10.1        | 11.2        | 11.2        | 10.5        | 10.7        | 9.6         | 9.3         |
| Calhoun              | 10.9        | 9.6         | 10.3        | 10.8        | 9.6         | 13.2        | 10.7        | 10.3        | 12.5        | 9.7         | 12.6        | 11.6        | 11.3        |
| Carroll              | 12.4        | 12.8        | 14.4        | 13.1        | 12.6        | 13.3        | 11.9        | 13.3        | 12.4        | 12.8        | 12.4        | 13.1        | 13.0        |
| Cass                 | 10.6        | 12.0        | 11.3        | 12.3        | 12.9        | 11.8        | 11.7        | 10.6        | 11.1        | 10.5        | 10.3        | 10.4        | 10.3        |
| Cedar                | 11.2        | 10.6        | 11.1        | 12.2        | 11.1        | 12.4        | 9.9         | 10.3        | 9.7         | 9.7         | 10.2        | 11.0        | 9.0         |
| Cerro Gordo          | 11.1        | 10.5        | 11.3        | 12.5        | 11.9        | 10.9        | 11.0        | 10.9        | 10.3        | 11.0        | 11.2        | 10.8        | 10.4        |
| Cherokee             | 9.1         | 9.2         | 9.8         | 11.7        | 9.2         | 11.0        | 8.4         | 11.2        | 11.7        | 10.7        | 11.7        | 11.6        | 11.0        |
| Chickasaw            | 10.4        | 14.2        | 12.6        | 12.5        | 12.6        | 11.4        | 11.4        | 12.2        | 12.5        | 10.6        | 11.1        | 10.3        | 11.9        |
| Clarke               | 13.4        | 14.4        | 13.8        | 15.7        | 16.1        | 15.1        | 12.5        | 14.0        | 13.8        | 12.8        | 13.8        | 12.9        |             |
| Clay                 | 12.4        | 11.8        | 12.2        | 12.8        | 13.0        | 11.6        | 12.2        | 11.7        | 11.6        | 12.5        | 12.9        | 11.0        | 11.2        |
| Clayton              | 11.3        | 10.4        | 12.4        | 11.2        | 12.0        | 11.1        | 10.2        | 10.4        | 11.9        | 10.7        | 11.6        | 10.4        | 9.8         |
| Clinton              | 12.0        | 12.5        | 13.1        | 12.9        | 12.4        | 12.0        | 13.1        | 11.7        | 11.7        | 11.3        | 11.5        | 12.6        | 12.2        |
| Crawford             | 14.4        | 12.6        | 14.7        | 16.2        | 14.3        | 14.3        | 15.1        | 15.0        | 13.2        | 12.9        | 13.5        | 12.8        | 15.0        |
| Dallas               | 13.2        | 15.4        | 16.4        | 16.8        | 17.1        | 16.4        | 15.4        | 16.0        | 16.2        | 16.5        | 15.8        | 15.8        | 15.0        |
| Davis                | 13.6        | 15.8        | 16.0        | 15.9        | 16.7        | 16.6        | 16.2        | 15.3        | 15.3        | 14.3        | 18.2        | 14.3        | 20.7        |
| Decatur              | 12.1        | 11.7        | 11.2        | 13.6        | 14.2        | 12.5        | 11.1        | 10.1        | 9.9         | 12.7        | 11.7        | 11.9        | 11.3        |
| Delaware             | 10.5        | 11.7        | 12.1        | 13.2        | 10.4        | 12.0        | 10.8        | 10.5        | 10.8        | 12.7        | 12.2        | 13.0        | 11.0        |
| Des Moines           | 12.8        | 12.3        | 13.6        | 13.7        | 13.0        | 12.6        | 11.6        | 11.8        | 11.7        | 11.3        | 11.6        | 12.2        | 10.8        |
| Dickinson            | 10.7        | 9.2         | 10.2        | 10.7        | 11.1        | 9.7         | 8.7         | 10.3        | 9.5         | 10.0        | 9.8         | 10.4        | 8.6         |
| Dubuque              | 13.2        | 12.3        | 13.1        | 13.5        | 13.2        | 13.1        | 12.7        | 12.1        | 12.4        | 12.7        | 12.7        | 13.0        | 12.3        |
| Emmet                | 12.2        | 15.0        | 13.9        | 12.2        | 12.0        | 12.3        | 11.1        | 9.9         | 11.4        | 11.6        | 12.1        | 9.8         | 12.7        |
| Fayette              | 9.9         | 11.7        | 11.0        | 11.4        | 11.2        | 13.0        | 10.5        | 11.2        | 10.5        | 9.6         | 10.1        | 11.0        | 10.6        |
| Floyd                | 11.9        | 13.3        | 13.4        | 13.1        | 12.5        | 10.7        | 10.9        | 13.2        | 10.5        | 12.5        | 11.4        | 13.0        | 11.8        |
| Franklin             | 12.4        | 11.9        | 11.6        | 16.4        | 12.1        | 12.7        | 13.1        | 10.7        | 10.2        | 10.8        | 12.9        | 12.2        | 12.1        |
| Fremont              | 9.6         | 11.6        | 10.5        | 14.3        | 11.5        | 12.9        | 11.0        | 8.9         | 11.3        | 9.2         | 10.8        | 12.6        | 11.4        |
| Greene               | 10.0        | 9.3         | 13.0        | 10.0        | 11.8        | 10.3        | 11.6        | 9.1         | 10.6        | 12.8        | 10.7        | 11.7        | 13.0        |
| Grundy               | 9.0         | 10.0        | 11.2        | 11.4        | 10.7        | 12.8        | 11.6        | 11.3        | 10.0        | 11.3        | 10.3        | 8.9         | 11.0        |
| Guthrie              | 9.1         | 11.0        | 10.8        | 11.0        | 11.0        | 11.4        | 7.8         | 9.9         | 9.7         | 10.3        | 10.9        | 10.9        | 9.4         |
| Hamilton             | 12.3        | 11.4        | 11.4        | 12.4        | 10.9        | 12.1        | 10.0        | 11.1        | 9.3         | 11.7        | 14.6        | 12.2        | 13.5        |
| Hancock              | 9.9         | 13.2        | 11.2        | 11.7        | 10.5        | 9.5         | 9.5         | 8.4         | 10.1        | 9.9         | 10.8        | 10.6        | 10.9        |
| Hardin               | 11.0        | 11.5        | 11.0        | 11.4        | 12.7        | 10.1        | 11.4        | 10.2        | 10.3        | 10.0        | 11.1        | 12.2        | 9.8         |
| Harrison             | 8.6         | 11.1        | 11.1        | 13.7        | 12.4        | 11.3        | 10.3        | 10.3        | 9.5         | 11.8        | 11.0        | 11.4        | 12.0        |
| Henry                | 12.6        | 12.2        | 10.8        | 12.5        | 12.4        | 10.9        | 11.9        | 11.5        | 11.1        | 11.4        | 11.3        | 11.8        | 11.9        |
| Howard               | 12.1        | 13.5        | 13.1        | 14.7        | 13.9        | 14.2        | 11.3        | 11.7        | 13.6        | 12.1        | 12.4        | 13.4        | 11.1        |
| Humboldt             | 14.2        | 12.1        | 12.5        | 11.0        | 10.8        | 11.7        | 11.3        | 10.5        | 10.4        | 12.1        | 10.6        | 10.7        | 12.0        |
| Ida                  | 10.8        | 11.0        | 12.8        | 14.0        | 12.1        | 15.7        | 11.7        | 10.5        | 13.1        | 11.8        | 9.4         | 12.1        | 11.2        |
| Iowa                 | 11.9        | 12.5        | 12.8        | 10.6        | 12.8        | 12.9        | 11.3        | 10.9        | 12.2        | 11.5        | 11.9        | 11.5        | 11.0        |
| Jackson              | 9.5         | 9.7         | 11.3        | 10.9        | 9.6         | 11.1        | 8.8         | 11.1        | 10.5        | 10.1        | 10.4        | 11.8        |             |
| Jasper               | 11.2        | 12.6        | 10.7        | 11.5        | 12.1        | 10.7        | 11.3        | 11.3        | 12.0        | 11.0        | 11.5        | 10.7        | 11.7        |
| Jefferson            | 9.5         | 10.7        | 8.9         | 9.9         | 10.2        | 9.7         | 7.7         | 8.6         | 8.3         | 9.5         | 9.1         | 9.6         | 8.0         |
| Johnson              | 13.4        | 12.4        | 13.7        | 13.1        | 13.4        | 13.1        | 13.7        | 13.2        | 13.4        | 12.7        | 12.8        | 12.5        | 12.7        |
| Jones                | 10.6        | 11.1        | 10.3        | 11.9        | 11.7        | 9.8         | 11.0        | 9.2         | 10.1        | 11.0        | 10.7        | 10.6        | 9.9         |
| Keokuk               | 11.8        | 11.2        | 12.5        | 11.5        | 11.2        | 11.2        | 10.8        | 13.1        | 12.3        | 12.8        | 11.4        | 12.0        | 11.0        |
| Kossuth              | 10.7        | 11.2        | 10.4        | 12.0        | 10.0        | 10.3        | 11.5        | 10.5        | 9.8         | 10.6        | 10.9        | 11.1        | 11.6        |
| Lee                  | 10.5        | 11.1        | 12.5        | 11.8        | 10.6        | 12.4        | 10.7        | 11.3        | 12.1        | 12.1        | 11.5        | 11.8        | 12.2        |
| Linn                 | 14.0        | 14.0        | 14.2        | 13.8        | 13.6        | 13.9        | 13.1        | 12.9        | 12.6        | 12.5        | 12.9        | 13.0        | 12.6        |
| Louisa               | 13.5        | 10.9        | 12.4        | 13.3        | 11.3        | 10.1        | 11.8        | 12.1        | 10.7        | 14.3        | 13.1        | 12.7        |             |
| Lucas                | 9.2         | 12.4        | 13.1        | 13.9        | 11.4        | 10.3        | 12.7        | 11.3        | 9.4         | 11.5        | 12.0        | 10.6        | 11.7        |
| Lyon                 | 12.3        | 14.4        | 15.0        | 14.8        | 15.1        | 14.0        | 15.0        | 14.9        | 14.4        | 13.5        | 14.0        | 15.4        | 14.3        |
| Madison              | 13.1        | 12.5        | 13.2        | 12.5        | 14.1        | 13.0        | 13.0        | 9.5         | 10.6        | 10.7        | 9.2         | 11.7        | 10.8        |
| Mahaska              | 12.1        | 13.7        | 14.4        | 13.2        | 12.5        | 13.7        | 13.0        | 12.6        | 11.9        | 12.2        | 13.0        | 13.8        | 11.6        |
| Marion               | 12.1        | 12.9        | 12.8        | 13.8        | 12.3        | 12.9        | 11.3        | 10.8        | 11.0        | 11.7        | 11.0        | 10.4        | 12.3        |
| Marshall             | 16.3        | 15.5        | 15.8        | 15.4        | 15.8        | 15.0        | 13.7        | 13.2        | 14.3        | 13.4        | 13.2        | 12.1        | 13.3        |
| Mills                | 12.2        | 12.9        | 11.5        | 12.4        | 12.0        | 11.3        | 10.3        | 9.8         | 12.1        | 8.7         | 11.2        | 10.7        | 9.5         |
| Mitchell             | 10.1        | 13.5        | 11.0        | 10.1        | 12.0        | 10.4        | 13.4        | 10.9        | 9.9         | 13.4        | 11.5        | 11.0        | 9.5         |
| Monona               | 10.6        | 10.0        | 12.8        | 10.8        | 10.7        | 9.2         | 9.7         | 9.0         | 10.4        | 8.0         | 10.4        | 9.6         | 11.4        |
| Monroe               | 10.4        | 9.7         | 12.4        | 12.3        | 13.3        | 10.3        | 12.3        | 10.2        | 10.2        | 11.2        | 11.4        | 11.4        | 11.1        |
| Montgomery           | 11.0        | 12.6        | 12.1        | 12.5        | 11.1        | 10.8        | 10.0        | 9.7         | 10.8        | 10.7        | 12.8        | 11.3        | 12.7        |
| Muscatine            | 13.8        | 13.7        | 14.8        | 14.8        | 15.2        | 13.9        | 13.4        | 12.5        | 13.0        | 12.8        | 13.1        | 12.2        | 12.6        |
| O'Brien              | 11.9        | 12.8        | 11.8        | 12.5        | 12.4        | 12.1        | 12.2        | 10.2        | 10.8        | 13.0        | 11.2        | 13.7        | 12.0        |
| Osceola              | 11.8        | 10.9        | 10.6        | 10.2        | 11.8        | 10.4        | 9.2         | 9.6         | 12.9        | 12.7        | 12.4        | 11.4        | 13.2        |
| Page                 | 10.3        | 10.3        | 10.9        | 11.2        | 10.9        | 13.1        | 9.8         | 11.4        | 11.6        | 10.9        | 11.3        | 10.6        | 10.5        |
| Palo Alto            | 10.7        | 12.5        | 13.2        | 12.5        | 12.9        | 9.9         | 10.8        | 10.2        | 9.5         | 12.0        | 11.3        | 12.7        | 11.6        |
| Plymouth             | 13.0        | 12.5        | 12.3        | 13.8        | 13.1        | 12.8        | 10.6        | 11.4        | 11.8        | 10.6        | 12.1        | 12.2        | 11.1        |
| Pocahontas           | 9.1         | 11.1        | 8.7         | 9.6         | 11.6        | 9.4         | 9.5         | 10.9        | 9.7         | 13.8        | 9.0         | 12.4        | 11.5        |
| Polk                 | 16.1        | 16.4        | 16.9        | 16.5        | 15.8        | 15.6        | 15.1        | 15.0        | 15.2        | 15.0        | 15.1        | 15.0        | 14.6        |
| Pottawattamie        | 13.7        | 13.7        | 13.6        | 13.8        | 13.9        | 14.4        | 14.1        | 12.8        | 12.7        | 13.0        | 13.0        | 12.1        | 12.8        |
| Poweshiek            | 9.6         | 10.3        | 9.8         | 11.4        | 9.9         | 10.4        | 11.0        | 9.7         | 9.5         | 9.1         | 9.5         | 9.8         | 8.8         |
| Ringgold             | 10.8        | 15.0        | 11.2        | 11.6        | 12.2        | 12.9        | 10.5        | 9.9         | 11.0        | 10.3        | 10.3        | 11.2        | 14.0        |
| Sac                  | 11.4        | 11.3        | 11.1        | 10.9        | 10.2        | 10.5        | 9.3         | 10.5        | 9.9         | 12.0        | 11.9        | 11.1        | 11.2        |
| Scott                | 14.4        | 14.4        | 13.8        | 14.4        | 13.5        | 14.0        | 12.7        | 13.7        | 13.0        | 13.3        | 13.3        | 13.0        | 12.7        |
| Shelby               | 9.0         | 8.0         | 9.7         | 10.6        | 9.6         | 10.0        | 9.6         | 10.4        | 11.2        | 10.1        | 9.9         | 10.2        | 9.2         |
| Sioux                | 14.4        | 14.8        | 16.0        | 15.5        | 16.3        | 16.2        | 15.6        | 14.7        | 14.9        | 15.2        | 14.9        | 13.9        | 14.0        |
| Story                | 11.2        | 11.8        | 12.5        | 12.3        | 11.5        | 11.4</td    |             |             |             |             |             |             |             |

**TABLE 48**  
**ACTUAL NUMBER OF DEATHS PER COUNTY 2004-2016**

| County               | 2004          | 2005          | 2006          | 2007          | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          | 2015          | 2016          |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>State of Iowa</b> | <b>26,811</b> | <b>27,770</b> | <b>27,289</b> | <b>27,126</b> | <b>28,370</b> | <b>27,450</b> | <b>27,682</b> | <b>28,103</b> | <b>28,301</b> | <b>28,815</b> | <b>29,088</b> | <b>28,548</b> | <b>29,512</b> |
| Adair                | 126           | 106           | 119           | 103           | 110           | 88            | 117           | 114           | 106           | 117           | 110           | 116           | 106           |
| Adams                | 55            | 58            | 38            | 47            | 59            | 56            | 46            | 52            | 53            | 41            | 61            | 49            | 47            |
| Allamakee            | 153           | 166           | 174           | 168           | 131           | 186           | 139           | 173           | 175           | 136           | 171           | 166           | 151           |
| Appanoose            | 195           | 170           | 178           | 205           | 186           | 180           | 164           | 160           | 168           | 174           | 150           | 200           | 155           |
| Audubon              | 114           | 82            | 73            | 80            | 88            | 85            | 81            | 88            | 86            | 69            | 76            | 64            | 88            |
| Benton               | 227           | 233           | 235           | 207           | 211           | 233           | 223           | 239           | 196           | 235           | 226           | 234           | 223           |
| Black Hawk           | 1,143         | 1,084         | 1,095         | 1,068         | 1,130         | 1,151         | 1,129         | 1,133         | 1,172         | 1,236         | 1,180         | 1,108         | 1,240         |
| Boone                | 248           | 266           | 280           | 303           | 297           | 297           | 293           | 288           | 298           | 294           | 279           | 297           | 306           |
| Bremer               | 208           | 221           | 205           | 229           | 234           | 217           | 210           | 195           | 220           | 199           | 190           | 238           | 219           |
| Buchanan             | 185           | 185           | 191           | 195           | 203           | 173           | 202           | 213           | 206           | 203           | 227           | 186           | 195           |
| Buena Vista          | 166           | 179           | 185           | 186           | 189           | 179           | 196           | 195           | 183           | 191           | 193           | 185           | 191           |
| Butler               | 188           | 188           | 171           | 185           | 206           | 188           | 162           | 185           | 189           | 164           | 200           | 174           | 189           |
| Calhoun              | 126           | 162           | 140           | 131           | 137           | 142           | 157           | 125           | 129           | 159           | 135           | 142           | 144           |
| Carroll              | 210           | 228           | 236           | 257           | 233           | 248           | 243           | 232           | 244           | 230           | 260           | 254           | 230           |
| Cass                 | 172           | 192           | 163           | 167           | 201           | 186           | 222           | 172           | 197           | 177           | 209           | 173           | 191           |
| Cedar                | 176           | 156           | 151           | 169           | 185           | 174           | 168           | 183           | 176           | 154           | 201           | 176           | 200           |
| Cerro Gordo          | 498           | 563           | 499           | 478           | 516           | 474           | 452           | 490           | 473           | 479           | 527           | 492           | 539           |
| Cherokee             | 151           | 151           | 143           | 136           | 171           | 161           | 149           | 155           | 164           | 155           | 160           | 162           | 175           |
| Chickasaw            | 148           | 135           | 129           | 117           | 123           | 114           | 136           | 139           | 131           | 144           | 130           | 120           | 136           |
| Clarke               | 91            | 125           | 103           | 107           | 99            | 94            | 95            | 125           | 110           | 112           | 111           | 103           | 110           |
| Clay                 | 169           | 167           | 175           | 192           | 205           | 164           | 200           | 195           | 188           | 194           | 201           | 195           | 171           |
| Clayton              | 224           | 190           | 174           | 203           | 208           | 181           | 196           | 187           | 196           | 178           | 201           | 180           | 195           |
| Clinton              | 493           | 552           | 531           | 508           | 556           | 504           | 577           | 535           | 525           | 529           | 555           | 557           | 576           |
| Crawford             | 168           | 172           | 162           | 162           | 178           | 159           | 165           | 158           | 153           | 160           | 148           | 153           | 164           |
| Dallas               | 320           | 321           | 327           | 355           | 334           | 339           | 352           | 345           | 378           | 386           | 429           | 418           | 487           |
| Davis                | 91            | 95            | 77            | 87            | 87            | 81            | 74            | 101           | 97            | 73            | 77            | 91            | 94            |
| Decatur              | 73            | 86            | 91            | 111           | 96            | 95            | 106           | 92            | 92            | 104           | 100           | 77            | 86            |
| Delaware             | 141           | 163           | 164           | 147           | 166           | 179           | 147           | 164           | 177           | 166           | 185           | 166           | 170           |
| Des Moines           | 431           | 446           | 452           | 396           | 423           | 420           | 480           | 436           | 432           | 506           | 449           | 443           | 477           |
| Dickinson            | 160           | 150           | 166           | 190           | 209           | 159           | 172           | 197           | 199           | 227           | 190           | 182           | 189           |
| Dubuque              | 823           | 879           | 871           | 837           | 889           | 839           | 851           | 859           | 865           | 917           | 938           | 890           | 867           |
| Emmet                | 109           | 134           | 113           | 134           | 117           | 122           | 120           | 121           | 146           | 118           | 113           | 114           | 121           |
| Fayette              | 234           | 246           | 247           | 259           | 238           | 225           | 237           | 230           | 277           | 267           | 246           | 262           | 256           |
| Floyd                | 197           | 203           | 201           | 181           | 208           | 203           | 198           | 196           | 185           | 218           | 196           | 187           | 170           |
| Franklin             | 116           | 116           | 108           | 122           | 138           | 115           | 125           | 109           | 135           | 132           | 105           | 105           | 140           |
| Fremont              | 89            | 100           | 77            | 68            | 95            | 87            | 94            | 89            | 97            | 92            | 96            | 92            | 86            |
| Greene               | 123           | 110           | 104           | 103           | 117           | 130           | 115           | 123           | 133           | 109           | 126           | 121           | 136           |
| Grundy               | 156           | 132           | 140           | 137           | 139           | 126           | 154           | 118           | 127           | 116           | 142           | 121           | 145           |
| Guthrie              | 135           | 151           | 124           | 132           | 136           | 118           | 129           | 115           | 109           | 114           | 143           | 132           | 96            |
| Hamilton             | 182           | 181           | 164           | 152           | 173           | 167           | 151           | 169           | 168           | 179           | 173           | 161           | 167           |
| Hancock              | 126           | 138           | 136           | 131           | 114           | 126           | 120           | 120           | 134           | 133           | 119           | 115           | 118           |
| Hardin               | 252           | 261           | 249           | 255           | 243           | 222           | 237           | 208           | 223           | 222           | 212           | 230           | 208           |
| Harrison             | 176           | 213           | 181           | 189           | 168           | 187           | 199           | 182           | 177           | 174           | 170           | 181           | 171           |
| Henry                | 209           | 202           | 213           | 204           | 211           | 189           | 219           | 233           | 195           | 219           | 212           | 211           | 215           |
| Howard               | 125           | 119           | 109           | 111           | 123           | 127           | 106           | 111           | 99            | 120           | 107           | 93            | 103           |
| Humboldt             | 117           | 130           | 115           | 118           | 108           | 115           | 108           | 119           | 120           | 117           | 128           | 108           | 112           |
| Ida                  | 100           | 105           | 110           | 90            | 84            | 109           | 96            | 104           | 97            | 84            | 82            | 75            | 103           |
| Iowa                 | 161           | 164           | 154           | 183           | 152           | 188           | 146           | 163           | 174           | 193           | 170           | 191           | 174           |
| Jackson              | 201           | 223           | 222           | 191           | 235           | 222           | 201           | 235           | 232           | 224           | 225           | 186           |               |
| Jasper               | 336           | 385           | 378           | 335           | 409           | 351           | 363           | 358           | 356           | 364           | 367           | 385           | 363           |
| Jefferson            | 143           | 154           | 139           | 148           | 162           | 166           | 142           | 164           | 150           | 152           | 148           | 153           | 169           |
| Johnson              | 522           | 547           | 540           | 519           | 629           | 618           | 593           | 578           | 658           | 697           | 667           | 688           | 784           |
| Jones                | 193           | 184           | 183           | 171           | 191           | 204           | 187           | 193           | 211           | 222           | 211           | 209           | 188           |
| Keokuk               | 135           | 135           | 124           | 107           | 115           | 106           | 104           | 92            | 120           | 131           | 116           | 107           | 121           |
| Kossuth              | 164           | 185           | 173           | 189           | 191           | 153           | 180           | 183           | 183           | 196           | 180           | 192           | 174           |
| Lee                  | 431           | 440           | 421           | 423           | 435           | 418           | 406           | 463           | 414           | 447           | 442           | 430           | 436           |
| Linn                 | 1,479         | 1,520         | 1,602         | 1,589         | 1,540         | 1,584         | 1,572         | 1,614         | 1,667         | 1,644         | 1,693         | 1,722         | 1,805         |
| Louisa               | 113           | 106           | 131           | 108           | 120           | 105           | 106           | 102           | 99            | 107           | 106           | 108           | 109           |
| Lucas                | 105           | 122           | 108           | 96            | 113           | 90            | 118           | 101           | 108           | 112           | 112           | 120           | 111           |
| Lyon                 | 110           | 127           | 130           | 111           | 125           | 116           | 120           | 126           | 96            | 122           | 104           | 95            | 97            |
| Madison              | 118           | 143           | 137           | 143           | 120           | 150           | 152           | 132           | 143           | 149           | 132           | 158           | 157           |
| Mahaska              | 197           | 206           | 221           | 206           | 218           | 223           | 202           | 230           | 232           | 230           | 236           | 208           | 253           |
| Marion               | 341           | 333           | 294           | 331           | 353           | 318           | 304           | 336           | 320           | 336           | 347           | 333           | 334           |
| Marshall             | 448           | 464           | 469           | 408           | 513           | 476           | 447           | 489           | 459           | 469           | 478           | 484           | 473           |
| Mills                | 130           | 137           | 139           | 135           | 128           | 141           | 160           | 148           | 163           | 122           | 130           | 111           | 117           |
| Mitchell             | 139           | 137           | 130           | 106           | 137           | 125           | 124           | 133           | 142           | 119           | 134           | 127           | 125           |
| Monona               | 177           | 167           | 138           | 152           | 158           | 161           | 145           | 142           | 150           | 165           | 154           | 133           | 143           |
| Monroe               | 100           | 99            | 102           | 87            | 87            | 95            | 96            | 113           | 86            | 116           | 119           | 100           | 117           |
| Montgomery           | 149           | 141           | 151           | 140           | 164           | 150           | 150           | 149           | 138           | 156           | 162           | 141           | 125           |
| Muscatine            | 395           | 378           | 347           | 328           | 411           | 320           | 364           | 380           | 421           | 388           | 394           | 396           | 417           |
| O'Brien              | 158           | 198           | 192           | 206           | 201           | 194           | 190           | 192           | 183           | 168           | 194           | 197           | 199           |
| Osceola              | 81            | 88            | 90            | 62            | 80            | 82            | 79            | 67            | 74            | 61            | 71            | 74            | 86            |
| Page                 | 185           | 221           | 197           | 191           | 221           | 217           | 200           | 207           | 230           | 191           | 205           | 174           | 213           |
| Palo Alto            | 127           | 113           | 127           | 136           | 133           | 114           | 119           | 139           | 125           | 140           | 129           | 126           | 118           |
| Plymouth             | 236           | 262           | 256           | 240           | 237           | 212           | 231           | 233           | 240           | 249           | 254           | 214           | 241           |
| Pocahontas           | 108           | 101           | 123           | 111           | 100           | 88            | 104           | 86            | 110           | 92            | 87            | 98            | 98            |
| Polk                 | 2,746         | 2,849         | 2,854         | 2,947         | 2,990         | 2,971         | 3,010         | 3,115         | 3,095         | 3,291         | 3,299         | 3,361         | 3,487         |
| Pottawattamie        | 838           | 823           | 830           | 847           | 894           | 904           | 834           | 875           | 862           | 873           | 946           | 839           | 937           |
| Poweshiek            | 205           | 213           | 233           | 193           | 217           | 215           | 210           | 243           | 228           | 240           | 212           | 224           | 215           |
| Ringgold             | 72            | 70            | 88            | 80            | 78            | 55            | 80            | 99            | 68            | 68            | 68            | 81            | 84            |
| Sac                  | 139           | 140           | 149           | 133           | 159           | 131           | 115           | 141           | 145           | 145           | 143           | 137           | 132           |
| Scott                | 1,273         | 1,342         | 1,265         | 1,261         | 1,271         | 1,312         | 1,409         | 1,440         | 1,419         | 1,461         | 1,421         | 1,436         | 1,509         |
| Shelby               | 136           | 152           | 140           | 136           | 161           | 126           | 134           | 136           | 119           | 141           | 160           | 161           | 143           |
| Sioux                | 214           | 255           | 224           | 251           | 246           | 245           | 267           | 246           | 268           | 252           | 255           | 231           | 262           |
| Story                | 449           | 477           | 455           | 514           | 521           | 471           | 485           | 449           | 432           | 513           | 522           | 497           | 551           |
| Tama                 | 178           | 208           | 210           | 191           | 172           | 203           | 204           | 209           | 201           | 194           | 221           | 214           | 195           |
| Taylor               | 97            | 71            | 85            | 87            | 92            | 79            | 91            | 76            | 69            | 92            | 87            | 62            | 71            |
| Union                | 153           | 138           | 170           | 127           | 166           | 130           | 142           | 130           | 146           | 150           | 162           | 148           | 151           |
| Van Buren            | 100           | 95            | 92            | 82            | 86            | 104           | 94            | 87            | 84            | 86            | 99            | 84            | 99            |
| Wapello              | 397           | 430           | 408           | 386           | 438           | 394           | 408           | 396           | 412           | 406           | 444           | 410           | 392           |
| Warren               | 311           | 337           | 330           | 369           | 385           | 373           | 375           | 376           | 369           | 398           | 374           | 402           | 433           |
| Washington           | 215           | 240           | 223           | 202           | 277           | 226           | 250           | 247           | 228           | 229           | 237           | 250           | 242           |
| Wayne                | 97            | 117           | 88            | 98            | 106           | 98            | 82            | 95            | 107           | 66            | 80            | 93            |               |

**TABLE 48 A**  
**DEATH RATE (PER 1,000 POPULATION) 2004-2016**

| County               | 2004       | 2005       | 2006       | 2007       | 2008       | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>State of Iowa</b> | <b>9.1</b> | <b>9.4</b> | <b>9.2</b> | <b>9.1</b> | <b>9.4</b> | <b>9.1</b> | <b>9.1</b> | <b>9.2</b> | <b>9.2</b> | <b>9.3</b> | <b>9.4</b> | <b>9.1</b> | <b>9.4</b> |
| Adair                | 15.9       | 13.5       | 15.4       | 13.5       | 14.7       | 12.0       | 15.2       | 14.9       | 14.2       | 15.7       | 14.8       | 16.0       | 14.9       |
| Adams                | 12.6       | 13.6       | 9.1        | 11.5       | 14.6       | 14.2       | 11.4       | 12.9       | 13.6       | 10.5       | 15.7       | 12.9       | 12.7       |
| Allamakee            | 10.5       | 11.3       | 11.8       | 11.5       | 9.0        | 12.9       | 9.7        | 12.1       | 12.3       | 9.6        | 12.2       | 12.0       | 10.9       |
| Appanoose            | 14.3       | 12.4       | 13.3       | 15.7       | 14.5       | 14.2       | 12.7       | 12.4       | 13.2       | 13.7       | 11.8       | 16.0       | 12.4       |
| Audubon              | 17.6       | 12.7       | 11.6       | 13.2       | 14.6       | 14.1       | 13.3       | 14.4       | 14.6       | 11.7       | 13.1       | 11.1       | 15.5       |
| Benton               | 8.6        | 8.6        | 8.7        | 7.8        | 8.0        | 8.7        | 8.6        | 9.2        | 7.6        | 9.1        | 8.8        | 9.1        | 8.7        |
| Black Hawk           | 9.0        | 8.6        | 8.7        | 8.4        | 8.8        | 8.9        | 8.6        | 8.6        | 8.9        | 9.3        | 8.9        | 8.3        | 9.3        |
| Boone                | 9.4        | 10.0       | 10.5       | 11.5       | 11.3       | 11.4       | 11.1       | 11.0       | 11.4       | 11.2       | 10.6       | 11.1       | 11.5       |
| Bremer               | 8.9        | 9.3        | 8.6        | 9.6        | 9.9        | 9.2        | 8.6        | 8.0        | 9.0        | 8.1        | 7.7        | 9.6        | 8.8        |
| Buchanan             | 8.9        | 8.8        | 9.1        | 9.3        | 9.7        | 8.3        | 9.6        | 10.2       | 9.8        | 9.7        | 10.8       | 8.8        | 9.3        |
| Buena Vista          | 8.2        | 8.9        | 9.2        | 9.4        | 9.6        | 9.1        | 9.6        | 9.6        | 8.9        | 9.3        | 9.4        | 9.0        | 9.4        |
| Butler               | 12.6       | 12.5       | 11.3       | 12.6       | 14.1       | 13.1       | 10.9       | 12.4       | 12.6       | 10.9       | 13.3       | 11.7       | 12.8       |
| Calhoun              | 11.8       | 15.5       | 13.4       | 13.1       | 13.9       | 14.7       | 16.2       | 12.9       | 13.0       | 16.0       | 13.7       | 14.5       | 14.6       |
| Carroll              | 10.0       | 10.8       | 11.3       | 12.3       | 11.1       | 12.0       | 11.7       | 11.1       | 11.8       | 11.2       | 12.6       | 12.4       | 11.3       |
| Cass                 | 12.0       | 13.5       | 11.5       | 12.0       | 14.5       | 13.5       | 15.9       | 12.3       | 14.4       | 13.0       | 15.5       | 12.9       | 14.5       |
| Cedar                | 9.6        | 8.5        | 8.2        | 9.4        | 10.2       | 9.7        | 9.1        | 9.9        | 9.6        | 8.4        | 10.9       | 9.6        | 10.8       |
| Cerro Gordo          | 11.0       | 12.6       | 11.2       | 10.9       | 11.8       | 10.9       | 10.2       | 11.1       | 10.8       | 11.0       | 12.2       | 11.4       | 12.5       |
| Cherokee             | 12.0       | 12.3       | 11.8       | 11.6       | 14.8       | 14.1       | 12.3       | 12.8       | 13.7       | 13.0       | 13.5       | 14.0       | 15.2       |
| Chickasaw            | 11.7       | 10.7       | 10.4       | 9.6        | 10.1       | 9.5        | 11.0       | 11.2       | 10.7       | 11.7       | 10.6       | 9.9        | 11.3       |
| Clarke               | 9.8        | 13.6       | 11.2       | 11.9       | 11.0       | 10.3       | 10.2       | 13.4       | 11.7       | 12.0       | 12.0       | 11.1       | 11.8       |
| Clay                 | 9.9        | 9.9        | 10.4       | 11.5       | 12.3       | 9.9        | 12.0       | 11.7       | 11.3       | 11.8       | 12.2       | 11.8       | 10.5       |
| Clayton              | 12.1       | 10.4       | 9.5        | 11.5       | 11.8       | 10.4       | 10.8       | 10.3       | 11.0       | 10.0       | 11.4       | 10.2       | 11.1       |
| Clinton              | 9.9        | 11.1       | 10.7       | 10.4       | 11.4       | 10.3       | 11.8       | 10.9       | 10.8       | 10.9       | 11.6       | 11.7       | 12.2       |
| Crawford             | 9.9        | 10.2       | 9.6        | 9.8        | 10.8       | 9.7        | 9.6        | 9.2        | 8.8        | 9.2        | 8.6        | 9.0        | 9.7        |
| Dallas               | 6.9        | 6.2        | 6.0        | 6.2        | 5.6        | 5.5        | 5.3        | 5.2        | 5.3        | 5.2        | 5.5        | 5.2        | 5.8        |
| Davis                | 10.6       | 11.0       | 9.0        | 10.1       | 10.2       | 9.5        | 8.4        | 11.5       | 11.2       | 8.3        | 8.8        | 10.4       | 10.6       |
| Decatur              | 8.4        | 10.0       | 10.5       | 13.2       | 11.4       | 11.5       | 12.6       | 10.9       | 11.1       | 12.8       | 12.1       | 9.4        | 10.6       |
| Delaware             | 7.8        | 9.0        | 9.2        | 8.4        | 9.6        | 10.4       | 8.3        | 9.2        | 10.1       | 9.5        | 10.6       | 9.5        | 9.8        |
| Des Moines           | 10.4       | 10.9       | 11.1       | 9.7        | 10.4       | 10.2       | 11.9       | 10.8       | 10.7       | 12.5       | 11.2       | 11.1       | 12.0       |
| Dickinson            | 9.8        | 9.0        | 9.8        | 11.4       | 12.5       | 9.6        | 10.3       | 11.8       | 11.7       | 13.4       | 11.2       | 10.6       | 11.0       |
| Dubuque              | 9.1        | 9.6        | 9.4        | 9.1        | 9.6        | 9.0        | 9.1        | 9.1        | 9.1        | 9.6        | 9.7        | 9.2        | 8.9        |
| Emmet                | 10.1       | 12.7       | 10.8       | 12.9       | 11.2       | 11.9       | 11.7       | 11.8       | 14.4       | 11.8       | 11.3       | 11.7       | 12.5       |
| Fayette              | 10.9       | 11.6       | 11.8       | 12.7       | 11.7       | 11.2       | 11.4       | 11.0       | 13.3       | 13.0       | 12.1       | 12.9       | 12.8       |
| Floyd                | 11.9       | 12.3       | 12.2       | 11.1       | 12.9       | 12.8       | 12.1       | 12.0       | 11.5       | 13.5       | 12.2       | 11.7       | 10.7       |
| Franklin             | 10.8       | 10.8       | 10.1       | 11.5       | 13.2       | 10.9       | 11.7       | 10.2       | 12.8       | 12.5       | 10.1       | 10.2       | 13.8       |
| Fremont              | 11.3       | 12.9       | 10.0       | 9.0        | 12.8       | 11.8       | 12.6       | 12.0       | 13.6       | 13.0       | 13.7       | 13.3       | 12.4       |
| Greene               | 12.2       | 11.0       | 10.6       | 10.8       | 12.6       | 14.1       | 12.3       | 13.2       | 14.5       | 11.9       | 13.7       | 13.4       | 15.1       |
| Grundy               | 12.6       | 10.7       | 11.4       | 11.3       | 11.4       | 10.3       | 12.4       | 9.5        | 10.2       | 9.4        | 11.5       | 9.7        | 11.8       |
| Guthrie              | 11.7       | 13.1       | 10.9       | 11.9       | 12.4       | 10.9       | 11.8       | 10.5       | 10.1       | 10.7       | 13.3       | 12.4       | 9.0        |
| Hamilton             | 11.2       | 11.2       | 10.2       | 9.7        | 11.3       | 11.0       | 9.7        | 10.8       | 10.9       | 11.7       | 11.4       | 10.6       | 11.1       |
| Hancock              | 10.5       | 11.7       | 11.6       | 11.5       | 10.0       | 11.4       | 10.6       | 10.6       | 12.0       | 10.8       | 10.5       | 10.9       | 10.9       |
| Hardin               | 13.8       | 14.5       | 14.0       | 14.5       | 14.0       | 12.9       | 13.5       | 11.9       | 12.9       | 12.7       | 12.2       | 13.2       | 12.1       |
| Harrison             | 11.2       | 13.4       | 11.5       | 12.3       | 11.0       | 12.2       | 13.3       | 12.2       | 12.2       | 12.1       | 11.9       | 12.7       | 12.1       |
| Henry                | 10.4       | 10.0       | 10.4       | 10.1       | 10.4       | 9.5        | 10.9       | 11.6       | 9.6        | 10.8       | 10.5       | 10.6       | 10.9       |
| Howard               | 12.8       | 12.3       | 11.3       | 11.6       | 13.0       | 13.5       | 11.1       | 11.6       | 10.4       | 12.6       | 11.3       | 9.9        | 11.0       |
| Humboldt             | 11.6       | 13.0       | 11.5       | 12.3       | 11.4       | 12.1       | 11.0       | 12.1       | 12.3       | 12.1       | 13.3       | 11.3       | 11.8       |
| Ida                  | 13.3       | 14.2       | 15.3       | 13.0       | 12.2       | 16.1       | 13.6       | 14.7       | 13.6       | 11.8       | 11.6       | 10.7       | 14.7       |
| Iowa                 | 10.1       | 10.2       | 9.5        | 11.5       | 9.6        | 11.9       | 8.9        | 10.0       | 10.7       | 11.8       | 10.4       | 11.6       | 10.7       |
| Jackson              | 9.9        | 11.0       | 10.9       | 9.5        | 11.8       | 11.3       | 10.1       | 11.8       | 11.8       | 11.4       | 11.5       | 11.6       | 9.6        |
| Jasper               | 8.9        | 10.2       | 10.1       | 9.1        | 11.2       | 9.7        | 9.9        | 9.7        | 9.7        | 9.9        | 10.0       | 10.5       | 9.9        |
| Jefferson            | 8.9        | 9.6        | 8.7        | 9.5        | 10.5       | 10.7       | 8.4        | 9.7        | 8.9        | 9.0        | 8.5        | 8.7        | 9.3        |
| Johnson              | 4.5        | 4.7        | 4.6        | 4.1        | 4.9        | 4.7        | 4.5        | 4.4        | 4.8        | 5.0        | 4.7        | 4.8        | 5.3        |
| Jones                | 9.5        | 9.0        | 8.9        | 8.4        | 9.4        | 10.0       | 9.1        | 9.3        | 10.2       | 10.8       | 10.3       | 10.2       | 9.2        |
| Keokuk               | 11.9       | 12.1       | 11.2       | 9.9        | 10.8       | 10.0       | 9.9        | 8.8        | 11.6       | 12.7       | 11.3       | 10.5       | 12.0       |
| Kossuth              | 10.0       | 11.5       | 10.8       | 12.1       | 12.4       | 10.1       | 11.6       | 11.8       | 11.9       | 12.8       | 11.8       | 12.7       | 11.5       |
| Lee                  | 11.7       | 12.0       | 11.6       | 11.9       | 12.3       | 11.8       | 11.3       | 12.9       | 11.6       | 12.5       | 12.5       | 12.3       | 12.6       |
| Linn                 | 7.5        | 7.6        | 7.9        | 7.7        | 7.4        | 7.6        | 7.4        | 7.6        | 7.7        | 7.6        | 7.8        | 7.8        | 8.1        |
| Louisa               | 9.3        | 9.0        | 11.0       | 9.2        | 10.2       | 9.3        | 9.3        | 9.0        | 8.8        | 9.5        | 9.5        | 9.7        | 9.8        |
| Lucas                | 11.1       | 12.6       | 11.3       | 10.2       | 12.2       | 9.8        | 13.3       | 11.4       | 12.3       | 12.8       | 12.9       | 13.8       | 12.8       |
| Lyon                 | 9.4        | 10.8       | 11.2       | 9.9        | 11.1       | 10.4       | 10.4       | 10.9       | 8.2        | 10.4       | 8.9        | 8.1        | 8.3        |
| Madison              | 8.1        | 9.4        | 8.8        | 9.3        | 7.7        | 9.7        | 9.7        | 8.4        | 9.1        | 9.6        | 8.5        | 10.0       | 9.9        |
| Mahaska              | 8.8        | 9.2        | 9.9        | 9.2        | 9.8        | 10.1       | 9.0        | 10.3       | 10.3       | 10.3       | 10.5       | 9.3        | 11.4       |
| Marion               | 10.5       | 10.1       | 8.9        | 10.1       | 10.8       | 9.7        | 9.1        | 10.1       | 9.6        | 10.1       | 10.4       | 10.0       | 10.1       |
| Marshall             | 11.5       | 11.8       | 11.9       | 10.4       | 13.0       | 12.1       | 11.0       | 12.0       | 11.2       | 11.4       | 11.7       | 11.9       | 11.7       |
| Mills                | 8.7        | 9.0        | 8.9        | 8.9        | 8.5        | 9.4        | 10.6       | 9.8        | 11.0       | 8.2        | 8.8        | 7.5        | 7.8        |
| Mitchell             | 12.7       | 12.5       | 12.0       | 9.9        | 12.8       | 11.6       | 11.5       | 12.3       | 13.2       | 11.1       | 12.4       | 11.7       | 11.6       |
| Monona               | 18.2       | 17.5       | 14.8       | 16.6       | 17.6       | 18.1       | 15.7       | 15.4       | 16.4       | 18.1       | 17.1       | 14.8       | 16.1       |
| Monroe               | 12.8       | 12.6       | 13.2       | 11.5       | 11.5       | 12.6       | 12.0       | 14.2       | 10.7       | 14.5       | 14.9       | 12.5       | 14.9       |
| Montgomery           | 13.2       | 12.5       | 13.3       | 12.7       | 15.1       | 13.9       | 14.0       | 13.9       | 13.1       | 15.0       | 15.5       | 13.8       | 12.2       |
| Muscatine            | 9.4        | 8.8        | 8.1        | 7.7        | 9.7        | 7.5        | 8.5        | 8.9        | 9.8        | 9.1        | 9.2        | 9.2        | 9.7        |
| O'Brien              | 10.8       | 13.7       | 13.3       | 14.6       | 14.4       | 13.9       | 13.2       | 13.4       | 12.9       | 12.0       | 13.8       | 14.1       | 14.2       |
| Osceola              | 11.9       | 13.1       | 13.6       | 9.6        | 12.4       | 12.9       | 12.3       | 10.4       | 11.9       | 9.8        | 11.4       | 12.0       | 14.2       |
| Page                 | 11.3       | 13.6       | 12.1       | 12.0       | 14.1       | 14.2       | 12.6       | 13.0       | 14.6       | 12.2       | 13.2       | 11.2       | 13.8       |
| Palo Alto            | 13.1       | 11.7       | 13.3       | 14.4       | 14.2       | 12.3       | 12.7       | 14.8       | 13.5       | 15.2       | 14.2       | 13.8       | 13.0       |
| Plymouth             | 9.5        | 10.5       | 10.3       | 9.8        | 9.7        | 8.8        | 9.2        | 9.3        | 9.6        | 10.0       | 10.2       | 8.6        | 9.6        |
| Pocahontas           | 13.1       | 12.7       | 15.8       | 14.4       | 13.2       | 12.0       | 14.3       | 11.8       | 15.4       | 12.9       | 12.2       | 14.0       | 14.2       |
| Polk                 | 7.1        | 7.1        | 7.0        | 7.0        | 7.0        | 6.9        | 7.0        | 7.2        | 7.0        | 7.3        | 7.2        | 7.2        | 7.4        |
| Pottawattamie        | 9.5        | 9.2        | 9.2        | 9.5        | 10.0       | 10.0       | 8.9        | 9.4        | 9.3        | 9.4        | 10.2       | 9.0        | 10.0       |
| Poweshiek            | 10.8       | 11.3       | 12.3       | 10.3       | 11.7       | 11.7       | 11.1       | 12.9       | 12.2       | 12.9       | 11.4       | 12.1       | 11.6       |
| Ringgold             | 13.3       | 13.3       | 16.6       | 15.5       | 15.1       | 11.1       | 15.6       | 19.3       | 13.3       | 13.4       | 13.5       | 16.0       | 16.6       |
| Sac                  | 12.8       | 13.2       | 13.9       | 12.8       | 15.4       | 13.0       | 11.1       | 13.6       | 14.3       | 14.4       | 14.3       | 13.7       | 13.4       |
| Scott                | 8.0        | 8.3        | 7.8        | 7.8        | 7.7        | 7.9        | 8.5        | 8.7        | 8.4        | 8.6        | 8.3        | 8.7        | 8.7        |
| Shelby               | 10.7       | 12.0       | 11.2       | 11.0       | 13.3       | 10.5       | 11.0       | 11.2       | 9.9        | 11.8       | 13.4       | 13.5       | 12.1       |
| Sioux                | 6.7        | 7.9        | 6.9        | 7.8        | 7.6        | 7.6        | 7.9        | 7.3        | 7.8        | 7.3        | 7.4        | 6.6        | 7.5        |
| Story                | 5.4        | 6.0        | 5.7        | 6.1        | 6.0        | 5.4        | 5.4        | 5.0        | 4.7        | 5.6        | 5.5        | 5.2        | 5.7        |
| Tama                 | 10.0       | 11.6       | 11.7       | 10.7       | 9.7        | 11.7       | 11.5       | 11.8       | 11.5       | 11.0       | 12.7       | 12.3       | 11.3       |
| Taylor               | 14.3       | 1          |            |            |            |            |            |            |            |            |            |            |            |

**TABLE 49**  
**INFANT DEATHS (NUMBER OF DEATHS < 1 YEAR OF AGE) 2004-2016**

| County               | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <i>State of Iowa</i> | 194  | 209  | 208  | 224  | 226  | 180  | 187  | 181  | 205  | 162  | 191  | 148  | 240  |
| Adair                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Adams                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Allamakee            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Appanoose            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Audubon              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Benton               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Black Hawk           | 6    | 6    | 11   | 7    | 12   | 7    | 10   | 9    | 12   | 9    | 12   | 7    | 13   |
| Boone                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Bremer               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Buchanan             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Buena Vista          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Butler               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Calhoun              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Carroll              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Cass                 | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Cedar                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Cerro Gordo          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Cherokee             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Chickasaw            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Clarke               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Clay                 | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Clayton              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Clinton              | 9    | *    | 7    | 9    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Crawford             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Dallas               | *    | *    | 6    | *    | *    | *    | *    | *    | 7    | *    | *    | *    | *    |
| Davis                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Decatur              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Delaware             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Des Moines           | *    | *    | 7    | *    | *    | *    | *    | *    | 6    | *    | *    | *    | *    |
| Dickinson            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Dubuque              | *    | 6    | 8    | 6    | 9    | *    | 6    | 6    | *    | 11   | 7    | *    | *    |
| Emmet                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Fayette              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Floyd                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Franklin             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Fremont              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Greene               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Grundy               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Guthrie              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Hamilton             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Hancock              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Hardin               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Harrison             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Henry                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Howard               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Humboldt             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Ida                  | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Iowa                 | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Jackson              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Jasper               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Jefferson            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Johnson              | *    | 8    | 9    | 10   | 8    | 9    | 10   | *    | *    | 6    | 6    | *    | 17   |
| Jones                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Keokuk               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Kossuth              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Lee                  | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Linn                 | 21   | 10   | 16   | 14   | 23   | 11   | 7    | 13   | 12   | 12   | 14   | 15   | 17   |
| Louisa               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Lucas                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Lyon                 | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Madison              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Mahaska              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Marion               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Marshall             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Mills                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Mitchell             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Monona               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Monroe               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Montgomery           | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Muscatine            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| O'Brien              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Osceola              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Page                 | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Palo Alto            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Plymouth             | *    | 6    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Pocahontas           | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Polk                 | 34   | 45   | 38   | 42   | 44   | 40   | 38   | 37   | 41   | 32   | 38   | 40   | 59   |
| Pottawattamie        | 11   | 9    | *    | 13   | *    | 7    | *    | *    | 10   | *    | 10   | *    | 8    |
| Poweshiek            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Ringgold             | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Sac                  | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Scott                | 11   | 19   | 12   | 16   | 15   | 9    | 8    | 12   | 14   | 9    | 6    | 6    | 11   |
| Shelby               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Sioux                | *    | *    | *    | 7    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Story                | 6    | *    | *    | *    | 7    | 6    | *    | 6    | 7    | *    | 9    | *    | *    |
| Tama                 | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Taylor               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Union                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Van Buren            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Wapello              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | 7    | *    | *    |
| Warren               | *    | *    | *    | *    | 6    | *    | *    | *    | *    | *    | *    | *    | *    |
| Washington           | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Wayne                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Webster              | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Winnebago            | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Winneshiek           | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Woodbury             | 6    | 9    | 12   | 9    | 12   | 8    | 6    | *    | 7    | 7    | 7    | *    | 12   |
| Worth                | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Wright               | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Unknown              | ---  | ---  | ---  | ---  | ---  | ---  | ---  | ---  | ---  | ---  | ---  | ---  | ---  |

\* In this table, counts of five or less deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 49 A**  
**INFANT MORTALITY RATES (INFANT DEATHS < 1 YEAR OF AGE, PER 1,000 LIVE BIRTHS) 2004-2016**

| County               | 2004       | 2005       | 2006       | 2007       | 2008       | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>State of Iowa</b> | <b>5.1</b> | <b>5.3</b> | <b>5.1</b> | <b>5.5</b> | <b>5.6</b> | <b>4.5</b> | <b>4.9</b> | <b>4.7</b> | <b>5.3</b> | <b>4.2</b> | <b>4.8</b> | <b>3.7</b> | <b>6.1</b> |
| Adair                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Adams                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Allamakee            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Appanoose            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Audubon              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Benton               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Black Hawk           | 3.5        | 3.6        | 6.2        | 4.0        | 6.8        | 4.0        | 5.9        | 5.5        | 6.9        | 5.3        | 6.8        | 3.9        | 7.8        |
| Boone                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Bremer               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Buchanan             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Buena Vista          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Butler               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Calhoun              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Carroll              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Cass                 | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Cedar                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Cerro Gordo          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Cherokee             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Chickasaw            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Clarke               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Clay                 | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Clayton              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Clinton              | 15.0       | *          | 10.7       | 14.2       | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Crawford             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Dallas               | *          | *          | 6.7        | *          | *          | *          | *          | *          | 6.0        | *          | *          | *          | *          |
| Davis                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Decatur              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Delaware             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Des Moines           | *          | *          | 12.6       | *          | *          | *          | *          | *          | 12.6       | *          | *          | *          | *          |
| Dickinson            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Dubuque              | *          | 5.3        | 6.6        | 4.8        | 7.4        | *          | 5.0        | 5.3        | *          | 9.0        | 5.7        | *          | *          |
| Emmet                | *          | *          | *          | 4.8        | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Fayette              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Floyd                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Franklin             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Fremont              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Greene               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Grundy               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Guthrie              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Hamilton             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Hancock              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Hardin               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Harrison             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Henry                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Howard               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Humboldt             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Ida                  | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Iowa                 | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Jackson              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Jasper               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Jefferson            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Johnson              | *          | 5.5        | 5.6        | 6.1        | 4.7        | 5.3        | 5.6        | *          | *          | 3.4        | 3.3        | *          | 9.2        |
| Jones                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Keokuk               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Kossuth              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Lee                  | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Linn                 | 7.6        | 3.6        | 5.6        | 4.9        | 8.1        | 3.8        | 2.5        | 4.8        | 4.4        | 4.4        | 5.0        | 5.3        | 6.1        |
| Louisa               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Lucas                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Lyon                 | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Madison              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Mahaska              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Marion               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Marshall             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Mills                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Mitchell             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Monona               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Monroe               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Montgomery           | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Muscatine            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| O'Brien              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Osceola              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Page                 | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Palo Alto            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Plymouth             | *          | 19.2       | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Pocahontas           | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Polk                 | 5.4        | 6.9        | 5.5        | 6.1        | 6.5        | 6.0        | 5.8        | 5.7        | 6.1        | 4.7        | 5.5        | 5.7        | 8.5        |
| Pottawattamie        | 9.0        | 7.3        | *          | 10.5       | *          | 5.4        | *          | *          | 8.5        | *          | 8.3        | *          | 6.7        |
| Poweshiek            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Ringgold             | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Sac                  | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Scott                | 4.8        | 8.2        | 5.3        | 6.8        | 6.7        | 3.8        | 3.8        | 5.3        | 6.4        | 4.0        | 2.6        | 2.7        | 5.0        |
| Shelby               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Sioux                | *          | *          | *          | 14.0       | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Story                | 6.7        | *          | *          | *          | 7.0        | 6.1        | *          | 6.2        | 7.6        | *          | 9.9        | *          | *          |
| Tama                 | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Taylor               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Union                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Van Buren            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Wapello              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | 15.9       | *          | *          |
| Warren               | *          | *          | *          | *          | 11.0       | *          | *          | *          | *          | *          | *          | *          | *          |
| Washington           | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Wayne                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Webster              | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Winnebago            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Winneshiek           | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Woodbury             | 3.7        | 5.7        | 7.1        | 5.5        | 7.2        | 5.0        | 3.9        | *          | 4.7        | 4.5        | 4.5        | *          | 7.8        |
| Worth                | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Wright               | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |
| Unknown              | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        |

\* In this table, counts of five or less deaths and rates based on these counts, are suppressed to protect confidentiality.

**TABLE 50**  
**TOTAL BIRTHS AND PREGNANCY TERMINATIONS BY MONTH OF OCCURRENCE**  
**2015-2016 OCCURRENCE DATA**

| Month        | <u>2016</u>   |                    |                   |               |            | <u>2015</u>   |                    |                   |               |            |
|--------------|---------------|--------------------|-------------------|---------------|------------|---------------|--------------------|-------------------|---------------|------------|
|              | Total Births  | Surgically Induced | Medically Induced | Other Induced | Spont.     | Total Births  | Surgically Induced | Medically Induced | Other Induced | Spont.     |
| <b>Total</b> | <b>39,223</b> | <b>1,468</b>       | <b>2,251</b>      | <b>3</b>      | <b>538</b> | <b>39,467</b> | <b>2,179</b>       | <b>1,801</b>      | <b>9</b>      | <b>488</b> |
| January      | 3,082         | 152                | 184               | 0             | 43         | 3,214         | 208                | 176               | 0             | 39         |
| February     | 2,951         | 128                | 194               | 0             | 47         | 2,830         | 177                | 193               | 2             | 21         |
| March        | 3,334         | 153                | 227               | 0             | 67         | 3,325         | 171                | 151               | 5             | 50         |
| April        | 3,243         | 150                | 219               | 0             | 49         | 3,296         | 236                | 168               | 1             | 41         |
| May          | 3,368         | 128                | 182               | 0             | 64         | 3,312         | 176                | 148               | 1             | 56         |
| June         | 3,327         | 121                | 205               | 2             | 42         | 3,392         | 182                | 152               | 0             | 43         |
| July         | 3,399         | 118                | 202               | 0             | 36         | 3,537         | 168                | 149               | 0             | 32         |
| August       | 3,535         | 136                | 208               | 0             | 43         | 3,472         | 171                | 131               | 0             | 36         |
| September    | 3,381         | 126                | 158               | 0             | 35         | 3,359         | 165                | 133               | 0             | 47         |
| October      | 3,190         | 76                 | 149               | 0             | 36         | 3,439         | 190                | 152               | 0             | 44         |
| November     | 3,184         | 67                 | 155               | 0             | 37         | 3,060         | 133                | 106               | 0             | 32         |
| December     | 3,229         | 113                | 168               | 1             | 39         | 3,231         | 202                | 142               | 0             | 47         |
| Unknown      | 0             | 0                  | 0                 | 0             | 0          | 0             | 0                  | 0                 | 0             | 0          |

**TABLE 51**  
**GESTATIONAL AGE IN WEEKS OF FETUS BY TERMINATION TYPE**  
**2015-2016 OCCURRENCE DATA**

| Gestational Age | <u>2016</u>        |                   |               |             | <u>2015</u>        |                   |          |             |
|-----------------|--------------------|-------------------|---------------|-------------|--------------------|-------------------|----------|-------------|
|                 | Surgically Induced | Medically Induced | Other Induced | Spontaneous | Surgically Induced | Medically Induced | Other    | Spontaneous |
| <b>Total</b>    | <b>1,468</b>       | <b>2,251</b>      | <b>3</b>      | <b>538</b>  | <b>1,801</b>       | <b>2,179</b>      | <b>9</b> | <b>488</b>  |
| 0 to 13 Weeks   | 1,247              | 2,242             | 3             | 508         | 1,546              | 2,177             | 7        | 457         |
| 14 to 28 Weeks  | 220                | 2                 | 0             | 26          | 254                | 0                 | 2        | 27          |
| 29+ Weeks       | 0                  | 0                 | 0             | 1           | 0                  | 0                 | 0        | 0           |
| Unknown         | 1                  | 7                 | 0             | 3           | 1                  | 2                 | 0        | 4           |

**TABLE 52**  
**TERMINATION OF PREGNANCY BY MARITAL STATUS**  
**2015-2016 OCCURRENCE DATA**

| Marital Status | 2016               |                   |               |             | 2015               |                   |               |             |
|----------------|--------------------|-------------------|---------------|-------------|--------------------|-------------------|---------------|-------------|
|                | Surgically Induced | Medically Induced | Other Induced | Spontaneous | Surgically Induced | Medically Induced | Other Induced | Spontaneous |
| Total          | 1,468              | 2,251             | 3             | 538         | 1,801              | 2,179             | 9             | 488         |
| Married        | 238                | 329               | 1             | 369         | 251                | 320               | 7             | 351         |
| Unmarried      | 1,229              | 1,919             | 2             | 169         | 1,550              | 1,859             | 2             | 137         |
| Unknown        | 1                  | 3                 | 0             | 0           | 0                  | 0                 | 0             | 0           |

**TABLE 53**  
**TERMINATION OF PREGNANCY BY EDUCATION LEVEL**  
**2015-2016 OCCURRENCE DATA**

| Level of Education     | 2016               |                   |               |             | 2015               |                   |               |             |
|------------------------|--------------------|-------------------|---------------|-------------|--------------------|-------------------|---------------|-------------|
|                        | Surgically Induced | Medically Induced | Other Induced | Spontaneous | Surgically Induced | Medically Induced | Other Induced | Spontaneous |
| Total                  | 1,468              | 2,251             | 3             | 538         | 1,801              | 2,179             | 9             | 488         |
| <= 8 years             | 17                 | 17                | 0             | 1           | 24                 | 37                | 1             | 0           |
| 9 to 12 years          | 642                | 809               | 2             | 301         | 848                | 740               | 1             | 167         |
| Some College or Higher | 809                | 1,425             | 1             | 236         | 915                | 1,384             | 7             | 297         |
| Unknown                | 0                  | 0                 | 0             | 0           | 14                 | 18                | 0             | 24          |

**TABLE 54**  
**TERMINATION OF PREGNANCY BY RACE**  
**2015-2016 OCCURRENCE DATA**

| Race             | 2016               |                   |               |             | 2015               |                   |               |             |
|------------------|--------------------|-------------------|---------------|-------------|--------------------|-------------------|---------------|-------------|
|                  | Surgically Induced | Medically Induced | Other Induced | Spontaneous | Surgically Induced | Medically Induced | Other Induced | Spontaneous |
| Total            | 1,468              | 2,251             | 3             | 538         | 1,801              | 2,179             | 9             | 488         |
| White            | 1,018              | 1,668             | 1             | 464         | 1,203              | 1,657             | 5             | 426         |
| African American | 274                | 279               | 1             | 28          | 366                | 239               | 3             | 23          |
| American Indian  | 8                  | 11                | 0             | 1           | 13                 | 22                | 0             | 3           |
| Asian            | 62                 | 119               | 0             | 15          | 68                 | 103               | 0             | 12          |
| Other            | 42                 | 84                | 0             | 28          | 115                | 120               | 1             | 23          |
| Multiple-race    | 60                 | 82                | 1             | 2           | 31                 | 33                | 0             | 0           |
| Unknown          | 4                  | 8                 | 0             | 0           | 5                  | 5                 | 0             | 1           |

**TABLE 55**  
**TERMINATION OF PREGNANCY BY AGE OF WOMEN**  
**2015-2016 OCCURRENCE DATA**

| Age of Mother | 2016               |                   |               |             | 2015               |                   |               |             |
|---------------|--------------------|-------------------|---------------|-------------|--------------------|-------------------|---------------|-------------|
|               | Surgically Induced | Medically Induced | Other Induced | Spontaneous | Surgically Induced | Medically Induced | Other Induced | Spontaneous |
| Total         | 1,468              | 2,251             | 3             | 538         | 1,801              | 2,179             | 9             | 488         |
| <=14          | 5                  | 2                 | 0             | 0           | 8                  | 5                 | 0             | 0           |
| 15            | 9                  | 12                | 1             | 0           | 18                 | 13                | 0             | 1           |
| 16            | 12                 | 27                | 0             | 2           | 32                 | 24                | 0             | 0           |
| 17            | 28                 | 31                | 0             | 3           | 41                 | 33                | 0             | 3           |
| 18            | 42                 | 66                | 0             | 5           | 59                 | 57                | 0             | 9           |
| 19            | 67                 | 110               | 0             | 6           | 78                 | 90                | 0             | 9           |
| 20            | 69                 | 124               | 0             | 5           | 102                | 123               | 0             | 7           |
| 21            | 91                 | 158               | 0             | 3           | 113                | 169               | 0             | 8           |
| 22            | 88                 | 154               | 0             | 24          | 126                | 168               | 0             | 13          |
| 23            | 72                 | 146               | 1             | 16          | 110                | 155               | 0             | 14          |
| 24            | 119                | 144               | 0             | 27          | 110                | 139               | 1             | 20          |
| 25            | 96                 | 140               | 0             | 26          | 100                | 140               | 0             | 26          |
| 26            | 87                 | 126               | 1             | 31          | 90                 | 145               | 0             | 23          |
| 27            | 75                 | 118               | 0             | 36          | 98                 | 108               | 0             | 32          |
| 28            | 73                 | 105               | 0             | 37          | 87                 | 103               | 0             | 42          |
| 29            | 57                 | 106               | 0             | 37          | 76                 | 80                | 1             | 30          |
| 30            | 52                 | 99                | 0             | 38          | 58                 | 100               | 2             | 27          |
| 31            | 55                 | 82                | 0             | 45          | 70                 | 91                | 1             | 29          |
| 32            | 57                 | 79                | 0             | 24          | 64                 | 73                | 3             | 30          |
| 33            | 52                 | 60                | 0             | 28          | 62                 | 66                | 0             | 23          |
| 34            | 50                 | 74                | 0             | 30          | 60                 | 50                | 0             | 28          |
| 35            | 42                 | 58                | 0             | 27          | 46                 | 52                | 0             | 30          |
| 36            | 37                 | 46                | 0             | 20          | 50                 | 36                | 0             | 15          |
| 37            | 36                 | 30                | 0             | 10          | 32                 | 34                | 0             | 16          |
| 38            | 24                 | 39                | 0             | 21          | 38                 | 27                | 0             | 14          |
| 39            | 20                 | 32                | 0             | 10          | 19                 | 25                | 1             | 8           |
| 40            | 21                 | 19                | 0             | 7           | 17                 | 24                | 0             | 6           |
| 41            | 13                 | 25                | 0             | 7           | 10                 | 9                 | 0             | 9           |
| 42            | 6                  | 16                | 0             | 4           | 5                  | 12                | 0             | 6           |
| 43            | 6                  | 9                 | 0             | 4           | 9                  | 13                | 0             | 3           |
| 44            | 3                  | 4                 | 0             | 1           | 8                  | 4                 | 0             | 5           |
| >=45          | 2                  | 5                 | 0             | 4           | 3                  | 6                 | 0             | 1           |
| Unknown       | 2                  | 5                 | 0             | 0           | 2                  | 5                 | 0             | 1           |

**TABLE 56**  
**TERMINATION OF PREGNANCY BY ITOP REPORT REGION**  
**2015-2016 OCCURRENCE DATA**

| ITOP Reporting Region* | 2016               |                   |               |             | 2015               |                   |               |             |
|------------------------|--------------------|-------------------|---------------|-------------|--------------------|-------------------|---------------|-------------|
|                        | Surgically Induced | Medically Induced | Other Induced | Spontaneous | Surgically Induced | Medically Induced | Other Induced | Spontaneous |
| Total                  | 1,468              | 2,251             | 3             | 538         | 1,801              | 2,179             | 9             | 488         |
| 1                      | 72                 | 171               | 0             | 25          | 86                 | 170               | 1             | 32          |
| 2                      | 44                 | 36                | 0             | 7           | 55                 | 41                | 1             | 7           |
| 3                      | 41                 | 40                | 0             | 2           | 40                 | 37                | 0             | 11          |
| 4                      | 19                 | 24                | 0             | 11          | 51                 | 25                | 0             | 9           |
| 5                      | 34                 | 49                | 0             | 2           | 45                 | 47                | 0             | 3           |
| 6                      | 3                  | 13                | 0             | 4           | 6                  | 11                | 0             | 2           |
| 7                      | 11                 | 68                | 0             | 0           | 10                 | 76                | 1             | 0           |
| 8                      | 24                 | 39                | 0             | 3           | 35                 | 52                | 0             | 6           |
| 9                      | 32                 | 36                | 0             | 4           | 19                 | 27                | 4             | 2           |
| 10                     | 133                | 129               | 0             | 10          | 186                | 178               | 0             | 10          |
| 11                     | 52                 | 41                | 0             | 105         | 43                 | 36                | 0             | 95          |
| 12                     | 112                | 135               | 0             | 98          | 175                | 137               | 0             | 78          |
| 13                     | 36                 | 25                | 0             | 12          | 51                 | 39                | 0             | 7           |
| 14                     | 78                 | 140               | 0             | 8           | 113                | 101               | 0             | 3           |
| 15                     | 11                 | 20                | 0             | 1           | 10                 | 17                | 0             | 0           |
| 16                     | 34                 | 100               | 2             | 20          | 45                 | 108               | 1             | 19          |
| 17                     | 2                  | 12                | 0             | 12          | 6                  | 18                | 0             | 16          |
| 18                     | 32                 | 44                | 0             | 3           | 27                 | 32                | 0             | 7           |
| 19                     | 3                  | 13                | 0             | 0           | 1                  | 7                 | 0             | 0           |
| 20                     | 16                 | 30                | 0             | 8           | 17                 | 22                | 0             | 4           |
| 21                     | 13                 | 13                | 0             | 4           | 17                 | 17                | 0             | 5           |
| 22                     | 5                  | 147               | 0             | 1           | 4                  | 57                | 0             | 0           |
| 23                     | 415                | 476               | 0             | 158         | 448                | 433               | 1             | 118         |
| 24                     | 19                 | 12                | 0             | 10          | 15                 | 18                | 0             | 10          |
| 25                     | 29                 | 35                | 0             | 0           | 29                 | 33                | 0             | 1           |
| 26                     | 14                 | 22                | 0             | 17          | 33                 | 22                | 0             | 14          |
| Out-of-State           | 184                | 381               | 0             | 13          | 234                | 418               | 0             | 29          |
| Not Identified         | 0                  | 0                 | 1             | 0           | 0                  | 0                 | 0             | 0           |

\* ITOP Region map is located toward the front of this publication.

**TABLE 57**  
**POPULATION, LIVE BIRTHS, FERTILITY RATE, AND PREGNANCY RATE BY ITOP REPORT REGION**  
**2015-2016 OCCURRENCE DATA**

| ITOP Reporting Region* | 2016        |                    |                |                | 2015        |                    |                |                |
|------------------------|-------------|--------------------|----------------|----------------|-------------|--------------------|----------------|----------------|
|                        | Live Births | Female 15-44 Years | Fertility Rate | Pregnancy Rate | Live Births | Female 15-44 Years | Fertility Rate | Pregnancy Rate |
| Total                  | 39,222      | 589,319            | 66.6           | 72.2           | 39,449      | 588,414            | 67.0           | 73.9           |
| 1                      | 2,345       | 38,767             | 60.5           | 67.3           | 2,461       | 39,089             | 63.0           | 70.7           |
| 2                      | 1,425       | 18,686             | 76.3           | 81.0           | 1,354       | 18,522             | 73.1           | 78.9           |
| 3                      | 1,210       | 18,539             | 65.3           | 69.6           | 1,100       | 18,444             | 59.6           | 64.5           |
| 4                      | 680         | 9,638              | 70.6           | 75.0           | 671         | 9,696              | 69.2           | 78.0           |
| 5                      | 2,027       | 27,498             | 73.7           | 76.8           | 2,053       | 26,649             | 77.0           | 80.7           |
| 6                      | 769         | 10,193             | 75.4           | 77.1           | 728         | 10,300             | 70.7           | 72.8           |
| 7                      | 1,536       | 19,931             | 77.1           | 81.6           | 1,488       | 19,877             | 74.9           | 80.1           |
| 8                      | 853         | 12,368             | 69.0           | 74.4           | 903         | 12,603             | 71.6           | 79.2           |
| 9                      | 851         | 13,150             | 64.7           | 70.1           | 885         | 13,310             | 66.5           | 70.1           |
| 10                     | 2,790       | 43,596             | 64.0           | 70.2           | 2,849       | 43,455             | 65.6           | 74.4           |
| 11                     | 1,589       | 23,822             | 66.7           | 70.9           | 1,704       | 23,950             | 71.1           | 78.7           |
| 12                     | 2,035       | 40,285             | 50.5           | 57.2           | 1,995       | 39,660             | 50.3           | 61.0           |
| 13                     | 1,217       | 16,547             | 73.5           | 77.2           | 1,245       | 16,687             | 74.6           | 80.4           |
| 14                     | 2,199       | 33,155             | 66.3           | 73.3           | 2,234       | 33,272             | 67.1           | 73.9           |
| 15                     | 465         | 6,703              | 69.4           | 74.3           | 425         | 6,804              | 62.5           | 66.4           |
| 16                     | 1,245       | 29,643             | 42.0           | 46.8           | 1,142       | 29,271             | 39.0           | 45.1           |
| 17                     | 1,140       | 15,628             | 72.9           | 73.9           | 1,188       | 15,628             | 76.0           | 78.6           |
| 18                     | 1,488       | 22,175             | 67.1           | 70.7           | 1,541       | 22,317             | 69.1           | 72.3           |
| 19                     | 624         | 9,004              | 69.3           | 71.2           | 639         | 9,028              | 70.8           | 71.7           |
| 20                     | 1,202       | 16,075             | 74.8           | 78.0           | 1,209       | 16,202             | 74.6           | 77.4           |
| 21                     | 1,007       | 15,145             | 66.5           | 68.3           | 1,012       | 15,190             | 66.6           | 70.6           |
| 22                     | 1,199       | 17,045             | 70.3           | 79.7           | 1,136       | 17,093             | 66.5           | 72.5           |
| 23                     | 6,914       | 98,580             | 70.1           | 79.5           | 7,018       | 97,884             | 71.7           | 82.6           |
| 24                     | 532         | 6,988              | 76.1           | 80.6           | 542         | 7,123              | 76.1           | 82.4           |
| 25                     | 921         | 12,033             | 76.5           | 82.2           | 893         | 12,153             | 73.5           | 78.8           |
| 26                     | 959         | 14,125             | 67.9           | 70.6           | 1,034       | 14,207             | 72.8           | 77.8           |

\* ITOP Region map is located toward the front of this publication.

**TABLE 57 A**  
**TERMINATION RATES AND TERMINATION RATIOS BY ITOP REPORT REGION**  
**2015-2016 OCCURRENCE DATA**

| ITOP<br>Reporting<br>Region* | 2016    |      |       |             |      |       | 2015    |      |       |             |      |       |
|------------------------------|---------|------|-------|-------------|------|-------|---------|------|-------|-------------|------|-------|
|                              | Induced |      |       | Spontaneous |      |       | Induced |      |       | Spontaneous |      |       |
|                              | Number  | Rate | Ratio | Number      | Rate | Ratio | Number  | Rate | Ratio | Number      | Rate | Ratio |
| Total                        | 3,154   | 5.4  | 80.4  | 525         | 0.9  | 13.4  | 3,337   | 5.7  | 84.6  | 459         | 0.8  | 11.6  |
| 1                            | 243     | 6.3  | 103.6 | 25          | 0.6  | 10.7  | 257     | 6.6  | 104.4 | 32          | 0.8  | 13.0  |
| 2                            | 80      | 4.3  | 56.1  | 7           | 0.4  | 4.9   | 97      | 5.2  | 71.6  | 7           | 0.4  | 5.2   |
| 3                            | 81      | 4.4  | 66.9  | 2           | 0.1  | 1.7   | 77      | 4.2  | 70.0  | 11          | 0.6  | 10.0  |
| 4                            | 43      | 4.5  | 63.2  | 11          | 1.1  | 16.2  | 76      | 7.8  | 113.3 | 9           | 0.9  | 13.4  |
| 5                            | 83      | 3.0  | 40.9  | 2           | 0.1  | 1.0   | 92      | 3.5  | 44.8  | 3           | 0.1  | 1.5   |
| 6                            | 16      | 1.6  | 20.8  | 4           | 0.4  | 5.2   | 17      | 1.7  | 23.4  | 2           | 0.2  | 2.7   |
| 7                            | 79      | 4.0  | 51.4  | 0           | 0.0  | 0.0   | 87      | 4.4  | 58.5  | 0           | 0.0  | 0.0   |
| 8                            | 63      | 5.1  | 73.9  | 3           | 0.2  | 3.5   | 87      | 6.9  | 96.3  | 6           | 0.5  | 6.6   |
| 9                            | 68      | 5.2  | 79.9  | 4           | 0.3  | 4.7   | 46      | 3.5  | 52.0  | 2           | 0.2  | 2.3   |
| 10                           | 262     | 6.0  | 93.9  | 10          | 0.2  | 3.6   | 364     | 8.4  | 127.8 | 10          | 0.2  | 3.5   |
| 11                           | 93      | 3.9  | 58.5  | 105         | 4.4  | 66.1  | 79      | 3.3  | 46.4  | 95          | 4.0  | 55.8  |
| 12                           | 247     | 6.1  | 121.4 | 98          | 2.4  | 48.2  | 316     | 8.0  | 158.4 | 78          | 2.0  | 39.1  |
| 13                           | 61      | 3.7  | 50.1  | 12          | 0.7  | 9.9   | 90      | 5.4  | 72.3  | 7           | 0.4  | 5.6   |
| 14                           | 218     | 6.6  | 99.1  | 8           | 0.2  | 3.6   | 214     | 6.4  | 95.8  | 3           | 0.1  | 1.3   |
| 15                           | 31      | 4.6  | 66.7  | 1           | 0.1  | 2.2   | 27      | 4.0  | 63.5  | 0           | 0.0  | 0.0   |
| 16                           | 134     | 4.5  | 107.6 | 20          | 0.7  | 16.1  | 154     | 5.3  | 134.9 | 19          | 0.6  | 16.6  |
| 17                           | 14      | 0.9  | 12.3  | 12          | 0.8  | 10.5  | 24      | 1.5  | 20.2  | 16          | 1.0  | 13.5  |
| 18                           | 76      | 3.4  | 51.1  | 3           | 0.1  | 2.0   | 59      | 2.6  | 38.3  | 7           | 0.3  | 4.5   |
| 19                           | 16      | 1.8  | 25.6  | 0           | 0.0  | 0.0   | 8       | 0.9  | 12.5  | 0           | 0.0  | 0.0   |
| 20                           | 46      | 2.9  | 38.3  | 8           | 0.5  | 6.7   | 39      | 2.4  | 32.3  | 4           | 0.2  | 3.3   |
| 21                           | 26      | 1.7  | 25.8  | 4           | 0.3  | 4.0   | 34      | 2.2  | 33.6  | 5           | 0.3  | 4.9   |
| 22                           | 152     | 8.9  | 126.8 | 1           | 0.1  | 0.8   | 61      | 3.6  | 53.7  | 0           | 0.0  | 0.0   |
| 23                           | 891     | 9.0  | 128.9 | 158         | 1.6  | 22.9  | 882     | 9.0  | 125.7 | 118         | 1.2  | 16.8  |
| 24                           | 31      | 4.4  | 58.3  | 10          | 1.4  | 18.8  | 33      | 4.6  | 60.9  | 10          | 1.4  | 18.5  |
| 25                           | 64      | 5.3  | 69.5  | 0           | 0.0  | 0.0   | 62      | 5.1  | 69.4  | 1           | 0.1  | 1.1   |
| 26                           | 36      | 2.5  | 37.5  | 17          | 1.2  | 17.7  | 55      | 3.9  | 53.2  | 14          | 1.0  | 13.5  |
| Out-of-State                 | 565     |      |       | 13          |      |       | 652     |      |       | 29          |      |       |
| N/A                          | 0       |      |       | 0           |      |       | 0       |      |       | 0           |      |       |

\* ITOP Region map is located toward the front of this publication.