

## DEFINITIONS AND FORMULAS

**RESIDENCE DATA** -- data allocated by place of residence of the registrant, or by place of residence of the infant's mother (births, stillbirths)

**OCCURRENCE DATA** -- data allocated by place where event occurred, regardless of the person's place of residence

**LIVE BIRTH** -- a birth that shows any sign of life after delivery

(CRUDE) BIRTH RATE -- number of live births per 1,000 population

$$\frac{\text{live births}}{\text{population}} \times 1,000$$

FERTILITY RATE -- number of live births per 1,000 women 15-44 years of age

$$\frac{\text{live births}}{\text{females 15-44}} \times 1,000$$

**OUT-OF-WEDLOCK BIRTH** -- a live birth to a woman who was not married at conception, birth, or anytime between

OUT-OF-WEDLOCK RATE (percent) -- number of out-of-wedlock live births per 100 live births

$$\frac{\text{out-of-wedlock live births}}{\text{live births}} \times 100$$

**LOW BIRTH WEIGHT** -- a live birth weighing under 2,500 grams (52 pounds or less)

LOW BIRTH WEIGHT RATE (percent) -- number of low birth weight live births per 100 live births with stated birth weight

$$\frac{\text{low birth weight live births}}{\text{live births with stated birth weight}} \times 100$$

**STILLBIRTH** -- a spontaneous fetal death of at least 20 weeks gestation or a weight of at least 350 grams (does not include any induced abortions)

STILLBIRTH RATIO -- number of stillbirths per 1,000 live births

$$\frac{\text{stillbirths}}{\text{live births}} \times 1,000$$

**INFANT DEATH** -- death of an infant under 1 year of age

INFANT MORTALITY RATE -- number of infant deaths per 1,000 live births

$$\frac{\text{infant deaths}}{\text{live births}} \times 1,000$$

**NEONATAL DEATH** -- death of an infant within the first 27 days of life

NEONATAL MORTALITY RATE -- number of neonatal deaths per 1,000 live births

$$\frac{\text{neonatal deaths}}{\text{live births}} \times 1,000$$

**POSTNEONATAL DEATH** -- death of an infant 28 days through 11 months of life

POSTNEONATAL MORTALITY RATE -- number of postneonatal deaths per 1,000 live births

$$\frac{\text{postneonatal}}{\text{live births}} \times 1,000$$

## DEFINITIONS AND FORMULAS (continued)

**PERINATAL DEATH** -- includes stillbirths and deaths of infants within the first 6 days of life

PERINATAL MORTALITY RATIO -- number of perinatal deaths per 1,000 live births

$$\frac{\text{perinatal deaths}}{\text{live births}} \times 1,000$$

**MATERNAL DEATH** -- death attributable to complications of pregnancy, childbirth, or the puerperium based on ICD-10 codes A34, O00-O95, and O98-O99.

MATERNAL MORTALITY RATE -- number of maternal deaths per 100,000 live births

$$\frac{\text{maternal deaths}}{\text{live births}} \times 100,000$$

**(CRUDE) DEATH RATE** -- number of deaths per 1,000 population

$$\frac{\text{deaths}}{\text{population}} \times 1,000$$

**CAUSE-SPECIFIC DEATH RATE** -- number of deaths from a specific cause per 100,000 population

$$\frac{\text{deaths from specific cause}}{\text{population}} \times 100,000$$

**AGE-ADJUSTED DEATH RATE (DIRECT METHOD)** -- number of deaths per 100,000 standard population. Age-adjusted death rates are artificial measurements and should be used only to compare to other age-adjusted death rates calculated using the same standard population. Idaho and U.S. age-adjusted rates shown were calculated using the 2000 population estimate as the standard population.

$$\frac{\text{Sum of (age-specific death rates per 100,000 for selected population x standard population in corresponding age groups)}}{\text{Sum of standard population}}$$

**INDUCED ABORTION** -- a legal medical procedure that is intended to terminate a pregnancy without a live birth

INDUCED ABORTION RATE -- number of induced abortions per 1,000 females 15-44 years of age

$$\frac{\text{induced abortions}}{\text{Females 15-44}} \times 1,000$$

INDUCED ABORTION RATIO -- number of induced abortions per 1,000 live births

$$\frac{\text{induced abortions}}{\text{live births}} \times 1,000$$

## DEFINITIONS AND FORMULAS (continued)

In this publication, there are references to preliminary and provisional U.S. data. If the U.S. statistics are not noted as preliminary or provisional, they are considered final. The following definitions have been added to clarify the differences among the three types of U.S. data.

### **U.S. Provisional Data**

Prior to 1996, the National Center for Health Statistics (NCHS) released U.S. vital data and rates in two basic forms: provisional and final. Provisional data are based on monthly summary counts of birth, death, marriage, and divorce records received in state vital registration offices. Rates for 12-month periods, January through December, are the sum of events for the period per population estimated at the midpoint of the period. Provisional divorce rates are based on 46 reporting states and the District of Columbia; populations have been estimated by NCHS for the 12-month divorce rates based on these reporting states. The 2003 U.S. marriage and divorce statistics in this publication are provisional measures. Final data for 2003 may differ from the provisional estimates.

### **U.S. Preliminary Data**

In 1996, the National Center for Health Statistics (NCHS) introduced a new statistical series for births and deaths: preliminary vital data. Preliminary vital data are based on a continuous flow of records received and processed by NCHS by a specified date (March 14, 2004, for births in 2003 and July 15, 2004 for deaths).<sup>1,2</sup> For live births, these records represent nearly 99 percent of the births that occurred in the United States during 2003. For deaths, this comprises approximately 90 percent of demographic information for infant deaths and 93 percent of deaths to persons aged 1 and older. Medical or cause-of-death file information was processed separately and was available for an estimated 88 percent of infant deaths and 91 percent of persons aged 1 year and over in 2003. To develop the preliminary U.S. birth and death estimates, the records were weighted using independent control counts of births and deaths, registered in state vital statistics offices during calendar year 2003. The ability to produce preliminary estimates has been made possible by more expeditious electronic transmittal of data from the states to NCHS and by more rapid data processing at NCHS. The 2003 U.S. birth and death data in this publication are preliminary measures. Final birth and death statistics for 2003 may differ from the preliminary estimates.

### **U.S. Final Data**

Final U.S. vital statistics are based on information from all filed events in the 50 states and the District of Columbia. The National Center for Health Statistics believes that more than 99 percent of the births and deaths occurring in this country are registered through the state vital registration system.<sup>3</sup>

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1. "Births: Preliminary Data for 2003," [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 53, No. 9, November 23, 2004.

2. "Deaths: Preliminary Data for 2003," [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 53, No. 15, February 28, 2005.

3. "Births: Final Data for 2002," [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 52, No. 10, December 17, 2003.

## **VITAL REGISTRATION AND DATA COLLECTION**

The Idaho Bureau of Health Policy and Vital Statistics is responsible for managing Idaho's vital records program, and for providing health statistics and analysis. Civil laws of every state provide for a continuous, permanent, and compulsory vital registration system. Idaho is responsible for inspecting each Idaho state record for promptness of filing, completeness, and accuracy of information; querying for missing or inconsistent information; numbering the records; preparing indexes; processing the records; issuing certified copies; and storing the documents for permanent reference and safekeeping.

### **Births, Deaths, and Stillbirths**

Registration of births, deaths, and stillbirths is a legal requirement. The attending physician, midwife, or parent must file the birth certificate with the local registrar within 15 days of the birth. Most certificates of births occurring at Idaho hospitals are filed electronically. Death certificates are usually completed by physicians, coroners, and funeral directors. The certificate must be filed with the county's local registrar within five days from the date of death. A stillbirth certificate must be filed for all spontaneous fetal deaths of at least 20 weeks gestation or with a weight of at least 350 grams.

Unless otherwise stated, birth, death, and stillbirth data contained in this report are provided for Idaho residents, regardless of where the event occurred. There is an agreement among all registration areas in the United States for resident exchange of copies of birth, death, and stillbirth certificates.

### **Marriages and Divorces**

Idaho vital statistics law makes marriages and divorces occurring in Idaho reportable events. Marriages are registered with the county recorder in the county where the license was issued; divorces are filed with the clerk of the court where the divorce was granted. These records are then forwarded to the Bureau of Health Policy and Vital Statistics. There is no agreement among states to exchange certificates of resident marriages or divorces that occur out of state. Marriage and divorce data provided in this annual report are based on events occurring in Idaho, regardless of the party's residence.

### **Induced Abortions**

The reporting of induced abortions occurring in Idaho has been required by state statute since July 1, 1977. The Bureau of Health Policy and Vital Statistics began collecting abortion data in July 1977, with 1978 the first full year for which abortion statistics are available. In 1984, an interstate data exchange program for abortion data was initiated nationwide, whereby Idaho obtains non-identifying information about abortions occurring to Idaho residents in other states. Data in this report are provided for both Idaho residents and abortions occurring in Idaho.

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