STATE OF FLORIDA

Department of Health



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INTRODUCTION

This report summarizes data compiled from the original records/reports that were filed with the Office of Vital Statistics (VS) as required by law. These include records/reports of live births, deaths, fetal deaths, marriages, dissolutions of marriage, and induced terminations of pregnancy. Standard forms recommended by the US Public Health Conference on Records and Statistics are for the most part used for records of live birth, death, and fetal death.

Responsibility for filing birth records lies with the physician, midwife, or other attendant. Funeral directors, or other persons acting as such, are legally charged with filing death and fetal death (20 or more weeks gestation) records. These documents are then submitted to local registrars who, in turn, forward them to VS. Marriage and dissolution records are received by VS directly from the various courts. Reports of induced terminations of pregnancy are received from the facilities or individuals who perform such procedures.

HISTORICAL BACKGROUND:

This marks the 86th year of the statewide collection of birth and death records, which began in 1917. Marriage and dissolution records have been filed with VS since June 1927.

COMPLETENESS AND QUALITY OF DATA:

Tabulation of data for this annual report was begun after allowing a reasonable time of two months for receipt of late documents. A few records/reports are received after tabulation and thus are not included. These records/reports represent a very small fraction of the total, and their omission does not materially alter the facts presented. The quality of data presented in this Annual Report is directly related to the completeness, accuracy, and processing associated with the source documents, registration procedures, and statistical reporting systems.

AVAILABILITY OF DATA:

In addition to data presented here and on the Internet web site, data in greater detail, either from unpublished tables or from special statistical tapes, are available upon request on a fee-for-service basis. The Florida Department of Health Internet web site where this annual report is located is: http://www.doh.state.fl.us.

RESIDENT AND RECORDED EVENTS:

Data on births and deaths are tabulated according to both the usual "place of residence" (events occurring to Florida residents regardless of the place of occurrence) and the "place of occurrence" (events occurring in Florida regardless of the usual place of residence). The former are referred to as "resident" events and the latter as "recorded" events. Prior to 1933 only recorded data are available.

Varying interpretations of the "usual place of residence" by Florida's many seasonal visitors and military families may influence the accuracy of resident tabulations to some extent, since the residence shown on the record is normally accepted without question. For births and fetal deaths, the mother's residence is used when it differs from the father's residence.

Data on marriage and dissolution of marriage records and reports of induced terminations of pregnancy are by place of occurrence only; there is no interstate exchange of these records/reports. However, Florida dissolutions of marriage are granted only to legal residents.

POPULATION:

The resident midyear July 1 population estimates for 1970 to 2003 used in this Annual Report were obtained from the Florida Legislature's Office of Economic and Demogrphic Research pursuant to s. 216.135, Florida Statutes. This office provides revised estimates each year for 1960 to 2030. Prior estimates and especially future projections are revised as newer information becomes available.

Previous population projections for some racial groups between 1991 and 1999 underestimated the number of persons actually counted in these groups in the 2000 Census. Estimates from 1991 to 1999 were adjusted in relation to data available from the 1990 and 2000 Census. Without these adjustments, rates would appear to dramatically plummet between 1999 and 2000 for no reason other than incomparable population estimates.

The 2000 Census allowed each person to record all races representing their racial heritage. This differed from previous censuses where each respondent had to select a single race. The National Center for Health Statistics (NCHS) developed a "bridging" methodology to convert the multiple-race groups into single-race categories, permitting race data to be displayed comparably over time.

RACE:

Race entries are usually counted as stated on live birth, death, fetal death, and marriage certificates. Designations such as "Hispanic" are classified as "white." Designations such as "bi-racial," "multi-racial," "nonwhite," or "mixed" are classified as "other entries."

Since 1989, the National Center for Health Statistics (NCHS) has classified live births and fetal deaths according to the race of the mother only. As a result of this change and for purposes of comparability, vital statistics data in this report have been modified and are based on the race of the mother for all live birth and fetal death data. In examining trends for related indicators such as infant deaths, low birthweight, and unwed births, it is important to use the same race methodology throughout the time period being analyzed. As a result of the change in methodology from the use of the race of the mother, some of the nonwhite births or fetal deaths (based on the race of child/fetus) will now be classified as white births (based on the race of the mother). This change will probably result in a slight decrease in the white infant death rate and an increase in the nonwhite infant death rate.

According to the U.S. Census Bureau, "Race and Ethnic questions are among the most technically complex and publicly controversial questions asked in the decennial census." Over the past three decades, the Census Bureau's definitions and coding processes have changed. The 1970 Census for Florida showed a population that was 15.3 percent black and 0.4 percent for all other nonwhite races. The 1980 Census showed 13.8 percent black and 2.2 percent for all other nonwhite races. This increase in the other nonwhite races results mainly from changes in the Census Bureau's definitions. After 1980, the Census Bureau corrected its data, and many persons, primarily white Hispanics, who had been listed as "others" were reclassified, and revised 1980 data for Florida had 13.8 percent black and 0.8 percent for all other nonwhite races. While the 1990 Census showed 12.2 percent black and 4.7 percent for all other nonwhite races, the 2000 Census showed 14.6 percent black and 7.4 percent for all other nonwhite races.

UNKNOWNS:

Data in this publication may include persons whose age, race, gender, or resident county/city may be unknown or not reported. As a result, the totals for these data may be greater than the sum of the components.

CAUSE OF DEATH:

The underlying cause of death is determined from death certificate medical information in accordance with procedures established by the World Health Organization (WHO) and NCHS. Standardized codes are assigned from the International Classification of Diseases (ICD). To keep abreast of changes in medical knowledge, the ICD is revised approximately every 10 to 15 years. Revisions and years used in Florida are:

| <u>Revision</u> | <u>Years</u> | <u>Revision</u> | <u>Years</u> |
|-----------------|--------------|-----------------|--------------|
| Second | 1917-1920 | Seventh | . 1958-1967 |
| Third | 1921-1929 | Eighth | . 1968-1978 |
| Fourth | 1930-1940 | Ninth | . 1979- 1998 |
| Fifth | 1941-1948 | Tenth | 1999- |
| Sixth | .1949-1957 | | |

Due to these revisions, some of which involve major changes, year-to-year comparisons of deaths by cause can be misleading, unless such comparisons span a period of years in which only one revision was used, or in which the changes from one revision to another were minor.

The Tenth Revision contains major modifications in many sections. Under the Tenth Revision, a disease category such as 'pneumonia/influenza' may be redefined so that more or fewer deaths are included in that classification. To permit more accurate comparisons, NCHS coded a sample of 1996 US deaths by both the Ninth and Tenth Revision rules. The results were grouped by major causes and, for each of these, the number of Tenth Revision deaths was divided by the number of Ninth Revision deaths to produce a comparability ratio. For example, the comparability ratio for Malignant Neoplasm is 1.0068. This means the Tenth Revision coding of 10,000 death certificates will produce about 68 more Malignant Neoplasms than the Ninth Revision coding would. The comparability ratios for 113 selected causes of death may be found on pages xi through xiii.

AGE-ADJUSTED DEATHRATE (AADR):

The Age-Adjusted Death Rate (AADR) is a summary rate of deaths that facilitates the comparability of rates for areas or population subgroups with different age distributions. These rates are presented as per 1,000 or 100,000 population. The AADRs published in this report are the rates that would have been observed if the age-specific death rates for the given year had prevailed in a population whose age distribution was the same as that of the standard population. Through 1960 the population of the United States in 1940 was used as a standard for computation of the AADRs using the direct method. For 1970 and forward, the projected 2000 standard million population of the United States is used as a standard for computation of the AADRs using the direct method. The specified age intervals are under 1, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, and 85 years or older for the years 1970 through 2003.

COMPUTATIONS AND FOOTNOTES:

The following procedures and symbols are used throughout this report:

- (1) All rates and ratios are rounded to the nearest tenth.
- (2) All rates and ratios that calculate to less than 0.05 are printed as "0.0."
- (3) Undefined/anomalous rates/ratios (those with denominators of zero) are printed as "---."
- (4) Statistically unreliable rates and ratios are those with denominators less than 100.
- (5) For 1990 and forward, Age-Adjusted Death Rates (AADRs) are standardized using the direct method of standardization, to the US projected 2000 standard million population.
- (6) "NA" is an abbreviation for not available.

ICD-10 vs. ICD-9 -- COMPARABILITY RATIOS FOR 113 SELECTED CAUSES OF DEATH:

| Cause of Death | ICD-10 Codes | ICD-9 Codes | Comparability Ratio |
|---|---------------------------------|----------------------------|------------------------|
| Salmonella Infections | A01-A02 | 002-003 | 0.8108 |
| Shigellosis & Amebiasis | A03,A06 | 004,006 | * |
| Certain Other Intestinal Infections | A04,A07-A09 | 007-009 | * |
| Fuberculosis | A16-A19 | 010-018 | 0.8547 |
| Respiratory Tuberculosis | A16 | 010-012 | 0.9056 |
| Other Tuberculosis | A17-A19 | 013-018 | 0.7031 |
| Whooping Cough | A37 | 033 | * |
| Scarlet Fever & Erysipelas | A38,A46 | 034.1-035 | * |
| Meningococcal Infection | A39 | 036 | 0.9955 |
| Septicemia | A40-A41 | 038 | 1.1949 |
| Syphilis | A50-A53 | 090-097 | 0.6364 |
| Acute Poliomyelitis | A80 | 045 | * |
| Arthropod-Borne Viral Encephalitis | A83-A84,A85.2 | 062-064 | * |
| Measles | B05 | 055 | * |
| /iral Hepatitis | B15-B19 | 070 | 0.8343 |
| Human Immunodeficiency Virus (HIV) Disease | B20-B24 | 042-044 | 1.1448 |
| N alaria | B50-B54 | 084 | * |
| | A00,A05,A20-A36,A42-A44, A48- | 001,005,020-032,037,039- | |
| Other & Unemer Infectious/Deventity Discourse & Osmuthy | A49,A54-A79,A81-A82,A85.0- | 041,046-054,056-061,065- | 4 0000 |
| Other & Unspec Infectious/Parasitic Diseases & Sequelae | A85.1,A85.8,A86-B04,B06-B09,B25 | 066,071-083,085-088,098- | 1.0990 |
| | B49,B55-B99 | 134,136-139,771.3 | |
| Malignant Neoplasm (Cancer) | C00-C97 | 140-208 | 1.0068 |
| Lip. Oral Cavity, Pharynx | C00-C14 | 140-149 | 0.9603 |
| Esophagus | C15 | 150 | 0.9965 |
| Stomach | C16 | 151 | 1.0063 |
| Colon, Rectum, Anus | C18-C21 | 153-154 | 0.9993 |
| Liver & Intrahepatic Bile Ducts | C22 | 155 | 0.9634 |
| Pancreas | C25 | 157 | 0.9980 |
| Larynx | C32 | 161 | 1.0047 |
| Trachea, Bronchus, Lung | C33-C34 | 162 | 0.9837 |
| Skin | C43 | 172 | 0.9677 |
| Breast | C50 | 174-175 | 1.0056 |
| Cervix Uteri | C53 | 180 | 0.9871 |
| Corpus Uteri & Uterus, Part Unspecified | C54-C55 | 179,182 | 1.0260 |
| Ovary | C56 | 183.0 | 0.9954 |
| Prostate | C61 | 185 | 1.0134 |
| Kidney & Renal Pelvis | C64-C65 | 189.0,189.1 | 1.0000 |
| Bladder | C67 | 188 | 0.9968 |
| Meninges, Brain, & Other Parts Central Nervous System | C70-C72 | 191-192 | 0.9691 |
| Lymphoid, Hematopoietic and Related Tissue | C81-C96 | 200-208 | 1.0042 |
| Hodgkin's Disease | C81 | 201 | 0.9855 |
| Non-Hodgkin's Lymphoma | C82-C85 | 200.202 | 0.9781 |
| Leukemia | C91-C95 | 204-208 | 1.0119 |
| Multiple Myeloma & Immunoprolifera Neoplasms | C88.C90 | 203 | 1.0383 |
| | C96 | | * |
| Oth & UnspecLymphoid, Hematopoie, Related Tissue | C17,C23-C24,C26-C31,C37- | | |
| | C41,C44-C49,C51-C52,C57- | 152,156,158-160,163- | |
| All Other & Unspecified | C60,C62-C63,C66,C68-C69,C73- | 171,173,181,183.2-184,186- | 1.1251 |
| | C80,C97 | 187,189.2-190,193-199 | |
| n Situ, Benign, Uncertain/Unknown Behavior Neoplasms | D00-D48 | 210-239 | 1.6744 |
| n Situ, Benigh, Uncertain/Unknown Benavior Neoplasms | D00-D48 D50-D64 | 210-239 | 0.9559 |
| | | | |
| Diabetes Mellitus | E10-E14 | 250 | 1.0082 |
| Nutritional Deficiencies | E40-E64 | 260-269 | 1.1636 |
| Malnutrition | E40-E46 | 260-263 | 0.9782 |
| Other Nutritional Deficiencies | E50-E64 | 264-269 | 6.2041 |
| Meningitis | <u>G00,G03</u> | 320-322 | 1.0137 |
| Parkinson's Disease | G20-G21 | 332 | 1.0012 |
| Alzheimer's Disease | G30 | 331.0 | 1.5536 |

| Cause of Death | ICD-10 Codes | ICD-9 Codes | Comparabilit Ratio |
|---|-----------------------------|---|-----------------------|
| Major Cardiovascular Diseases | 100-178 | 390-434,436-448 | 0.9981 |
| Heart Diseases | 100-109,111,113,120-151 | 390-398,402,404,410-429 | 0.9858 |
| Acute Rheumatic Fever & Chronic Rheumatic Heart Disease | 100-109 | 390-398 | 0.8208 |
| Hypertensive Heart Disease | l11 | 402 | 0.8028 |
| Hypertensive Heart & Renal Disease | 113 | 404 | 1.0705 |
| Ischemic Heart Disease | 120-125 | 410-414,429.2 | 0.9990 |
| Acute Myocardial Infarction | 121-122 | 410 | 0.9887 |
| Other Acute Ischemic Heart Disease | 124 | 411 | 1.0110 |
| Other Forms of Chronic Ischemic Heart Disease | 120,125 | 412-414,429.2 | 1.0054 |
| Atherosclerotic Cardiovascular Disease | 125.0 | 429.2 | 1.0488 |
| All Other Chronic Ischemic Heart Disease | 120,125.1-125.9 | 412-414 | 0.9935 |
| Other Heart Diseases | 126-151 | 415-429.1,429.3-429.9 | 0.9716 |
| Acute & Subacute Endocarditis | 133 | 421 | 0.9964 |
| Pericardium Diseases & Acute Myocarditis | 130-131,140 | 420,422-423 | 1.0295 |
| Heart Failure | 150 | 428 | 1.0410 |
| Other Forms Heart Disease | 126-128,134-138,142-149,151 | 415-417,424-427,429.0- 429.1,429.3-429.9 | 0.9373 |
| Essen Hypertension & Hypertensive Renal Disease | 110,112 | 401.403 | 1.1192 |
| Cerebrovascular Diseases | 160-169 | 430-434,436-438 | 1.0588 |
| Atherosclerosis | 170 | 440 | 0.9637 |
| Other Diseases of Circulatory System | | 441-448 | 0.9456 |
| Aortic Aneurysm & Dissection | 171 | 441 | 1.0012 |
| Other Arteries, Arterioles, Capillaries Disease | 172-178 | 442-448 | 0.8497 |
| Other Circulatory System Disorders | 180-199 | 451-459 | 1.0293 |
| nfluenza & Pneumonia | | 480-487 | 0.6982 |
| | | | |
| Influenza | <u>J10-J11</u> J12-J18 | 487 | 1.0088 |
| Pneumonia | | 480-486 | 0.6957 |
| Other Acute Lower Respiratory Infections | J20-J22 | 466 | 0.9746 |
| Acute Bronchitis & Bronchiolitis | <u>J20-J21</u> | 466 | 0.7465 |
| Unspecified Acute Lower Respiratory Infection | J22 | | |
| Chronic Lower Respiratory Diseases | J40-J47 | 490-494,496 | 1.0478 |
| Bronchitis, Chronic & Unspecified | J40-J42 | 490-491 | 0.3935 |
| Emphysema | J43 | 492 | 0.9726 |
| Asthma | J45-J46 | 493 | 0.8938 |
| Other Chronic Lower Respiratory Diseases | J44,J47 | 494,496 | 1.0970 |
| Pneumoconioses & Chemical Effects | J60-J66,J68 | 500-506 | 1.0178 |
| Pneumonitis Due to Solids & Liquids | J69 | 507 | 1.1185 |
| Other Respiratory System Diseases | J00-J06,J30-J39,J67,J70-J98 | 034.0,460-465,470- 478,495,508-519 | 1.1673 |
| Peptic Ulcer | K25-K28 | 531-534 | 0.9696 |
| Appendix Diseases | K35-K38 | 540-543 | 1.0347 |
| Hernia | K40-K46 | 550-553 | 1.0395 |
| Chronic Liver Disease & Cirrhosis | K70,K73-K74 | 571 | 1.0367 |
| Alcoholic Liver Disease | K70 | 571.0-571.3 | 1.0183 |
| Other Chronic Liver Disease & Cirrhosis | K73-K74 | 571.4-571.9 | 1.0535 |
| Cholelithiasis & Other Gallbladder Disorders | K80-K82 | 574-575 | 0.9567 |
| Nephritis, Nephrotic Syndrome & Nephrosis | N00-N07,N17-N19,N25-N27 | 580-589 | 1.2320 |
| Acute/Progressive Nephritic/Nephrotic Syndrome | N00-N01,N04 | 580-581 | 0.6466 |
| Glomeruloneph, Nephri/Nephro, Renal Sclerosis | N02-N03,N05-N07,N26 | 582-583,587 | 0.3858 |
| Renal Failure | N17-N19 | 584-586 | 1.2949 |
| Other Kidney Disorders | N25,N27 | 588-589 | 0.9091 |
| Kidney Infections | N10-N12,N13.6,N15.1 | 590 | 1.0069 |
| Hyperplasia of Prostate | N40 | 600 | 0.9969 |
| Female Pelvic OrgansInflammatory Diseases | N70-N76 | 614-616 | 0.9844 |
| Pregnancy, Childbirth, and the Puerperium | O00-099 | 630-676 | * |
| Pregnancy With Abortive Outcome | 000-007 | 630-639 | * |
| Other Pregnancy, Childbirth, Puerperium Complications | 010-099 | 640-676 | * |
| Perinatal Period Conditions | P00-P96 | 760-771.2,771.4-779 | 1.0658 |
| Congenital & Chromosomal Anomalies | Q00-Q99 | 740-759 | 0.8470 |
| Symptoms, Signs, Abnormal Clinical/Lab Findings | R00-R99 | 780-799 | 0.9553 |
| All Other Diseases (Residual) | Residual | Residual | 0.8996 |

| Cause of Death | ICD-10 Codes | ICD-9 Codes | Comparabilit |
|--|----------------------------------|--|--------------|
| Cause of Dealin | ICD-10 Codes | ICD-9 COdes | Ratio |
| Unintentional Injury (Accident) | V01-X59,Y85-Y86 | E800-E869,E880-E929 | 1.0305 |
| Transport Accident | V01-V99,Y85 | E800-E848,E929.0,E929.1 | 0.9978 |
| • | V02-V04,V09.0,V09.2,V12- | E810-E825 | |
| | V14,V19.0-V19.2,V19.4-V19.6,V20- | | |
| | V79,V80.3-V80.5,V81.0- | | |
| Motor Vehicle | V81.1,V82.0-V82.1,V83-V86,V87.0- | | 0.9754 |
| | V87.8,V88.0-V88.8,V89.0,V89.2 | | |
| | V01,V05-V06,V09.1,V09.3- | E800-E807,E826-E829 | |
| | V09.9,V10-V11,V15- | | |
| | V18,V19.3,V19.8-V19.9,V80.0- | | |
| Other Land Transport | V80.2, V80.6-V80.9, V81.2- | | * |
| | V81.9,V82.2- | | |
| | V82.9,V87.9,V88.9,V89.1,V89.3, | | |
| | V89.9 | | |
| Water/Air/Space/Other-Unspecified Transport & Sequelae | V90-V99,Y85 | E830-E848,E929.0,E929.1 | 1.0115 |
| Nontransport Accident | W00-X59,Y86 | E850-E869,E880- E928,E929.2-E929.9 | 1.0763 |
| Falls | W00-W19 | E880-E888 | 0.8409 |
| Firearms Discharge | W32-W34 | E922 | 1.0579 |
| Drowning & Submersion | W65-W74 | E910 | 0.9965 |
| Smoke, Fire, Flames Exposure | X00-X09 | E890-E899 | 0.9743 |
| Poisoning & Noxious Substance Exposure | X40-X49 | E850-E869,E924.1 | * |
| Other & Unspecified Nontransport & Sequelae | W20-W31,W35-W64,W75-W99,X10- | E900-E909,E911-E921,E923- | |
| | X39,X50-X59,Y86 | ⁰⁻ E924.0,E924.8-E928,E929.2- E929.9 | 1.4188 |
| | A39,A30-A39,180 | | |
| Suicide | X60-X84,Y87.0 | E950-E959 | 0.9962 |
| Firearms Discharge | X72-X74 | E955.0-E955.4 | 0.9982 |
| Other & Unspec Means & Sequelae | X60-X71,X75-X84,Y87.0 | E950-E954,E955.5-E959 | 0.9896 |
| lomicide | X85-Y09,Y87.1 | E960-E969 | 0.9983 |
| Firearms Discharge | X93-X95 | E965.0-E965.4 | 0.9969 |
| Other & Unspecified Means & Sequelae | X85-X92,X96-Y09,Y87.1 | E960-E964,E965.5-E969 | 1.0017 |
| Legal Intervention | Y35,Y89.0 | E970-E978 | * |
| Indetermined Injury | Y10-Y34,Y87.2,Y89.9 | E980-E989 | * |
| Firearms Discharge | Y22-Y24 | E985.0-E985.4 | * |
| Other & Unspecified Event & Sequelae | Y10-Y21,Y25-Y34,Y87.2,Y89.9 | E980-E984,E985.5-E989 | * |
| Nar Operations & Sequelae | Y36,Y89.1 | E990-E999 | * |
| Medical & Surgical Care Complications | Y40-Y84,Y88 | E870-E879,E930-E949 | * |

ICD-10 vs. ICD-9 (Cont.) -- COMPARABILITY RATIOS FOR 113 SELECTED CAUSES OF DEATH:

---Category not applicable * Figure does not meet standards of reliability or precision

RATES AND FORMULAE

Age-adjusted death rate (AADR): Number of deaths occurring among a population adjusted to the projected 2000 standard million population of the United States using the direct method. An AADR is used to control for differences when comparing two or more populations or the same populations over time.

Sum of the products of age-specific death rates with standard population proportion

Age-specific rate: Number of events occurring to a specific age group per 1,000 or 100,000 population of the specified age group.

Number of events to specific age group x 1,000 (or 100,000) Estimated midyear population of specific age group

Cause specific death rate: Number of deaths due to a specific cause per 100,000 population.

Number of deaths from a specific cause x 100,000 Estimated midyear population

(Crude) birth rate: Number of live births per 1,000 population.

Number of live births x 1,000 Estimated midyear population

(Crude) death rate: Number of deaths per 1,000 population.

Number of deaths x 1,000 Estimated midyear population

(Crude) divorce rate: Number of divorces per 1,000 population.

Number of divorces x 1,000 Estimated midyear population

(Crude) marriage rate: Number of marriages per 1,000 population.

Number of marriages x 1,000 Estimated midyear population

Fetal death rate: Number of fetal deaths (20 weeks or more gestation) per 1,000 live births plus fetal deaths.

Number of fetal deaths x = 1,000Number of live births + number of fetal deaths

Fetal death ratio: Number of fetal deaths (20 weeks or more gestation) per 1,000 live births.

Number of fetal deaths x 1,000 Number of live births

General fertility rate: The total number of births in a year per 1,000 female population, aged 15-44 years.

Number of live births x 1,000 Estimated midyear female population aged 15-44 years Infant mortality rate: Deaths to individuals less than one year old per 1,000 live births.

Number of infant deaths x 1,000 Number of live births

Maternal mortality rate: Number of deaths due to complications of pregnancy, childbirth, abortion, or the puerperium (ICD-10 O00-O99) per 10,000 live births.

Number of maternal deaths x 10,000 Number of live births

Natural increase: The difference between the number of live births and the number of deaths.

Number of live births - number of deaths

Neonatal mortality rate: Deaths to individuals less than 28 days old per 1,000 live births.

Number of deaths < 28 days x 1,000 Number of live births

Percent live births to unwed mothers: Percent of unwed live births to the total number of live births.

Number of live births to unwed mothers x 100 Number of live births

Percent low birth weight: Percent of live births weighing less than 2,500 grams to the total number of live births.

Number of low weight live births x 100 Number of live births

Percent very low birth weight: Percent of live births weighing less than 1,500 grams to the total number of live births.

Number of very low weight live births x 100 Number of live births

Perinatal mortality rate: Fetal deaths (20 weeks or more gestation) plus neonatal deaths (occurring in the first 27 days of life) per 1,000 live births plus fetal deaths.

Number of fetal deaths + number of neonatal deaths x 1,000 Number of fetal deaths + number of live births

Post-neonatal mortality rate: Number of infant deaths of age 28 through 364 days per 1,000 live births.

Number of infant deaths aged 28 through 364 days x 1,000 Number of live births

Note: Although totals may include persons whose age, race, gender, or resident county/city is unknown, the process of "imputation" (using an algorithm to assign a known value to an unknown value) is not used in calculating any rate, ratio, or percentage.

SOURCES OF ADDITIONAL DATA

| INFORMATION: | AGENCY AND TELEPHONE NUMBER: |
|---|--|
| Florida health data | Department of Health Internet: www.doh.state.fl.us |
| Copies of vital records | Office of Vital Statistics (904) 359-6900 or SUNCOM 826-6900, extension 9000 |
| | Office of Planning, Evaluation, and Data Analysis (850) 245-4009 or SUNCOM 205-4009 |
| Morbidity statistics | Epidemiology (850) 245-4401 or SUNCOM 205-4401 |
| | Environmental Epidemiology (850) 245-4299 or SUNCOM 205-4299 |
| | Tuberculosis and Refugee Health (850) 245-4350 or SUNCOM 205-4350 |
| | Sexually Transmitted Diseases (850) 245-4303 or SUNCOM 205-4303 |
| | HIV/AIDS Surveillance (850) 245-4330 or SUNCOM 205-4330 |
| Florida population estimates | Office of Economic and Demographic Research (850) 487-1402 or SUNCOM 277-1402 Internet: www.state.fl.us/edr/ |
| Florida patients and licenced health care facilities information | Agency for Health Care Administration (850) 922-5771 or SUNCOM 292-5771 Internet: www.floridahealthstat.com |
| Florida motor vehicle/highway data | Department of Motor Vehicles and Highway Safety (850) 488-4300 Internet: www.hsmv.state.fl.us |
| National vital statistics | National Center for Health Statistics (301) 458-4636 Internet: www.cdc.gov/nchs/ |
| National morbidity statistics | Centers for Disease Control (404) 639-3311 Internet: www.cdc.gov/ |
| National population census data | Bureau of the Census (301) 457-1214 Internet: www.census.gov/ |
| National accident statistics | National Safety Council (708) 285-1121 Internet: www.nsc.org |