



Data Notes



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Race and Ethnicity

African American: The designation of African American includes Non-Hispanic Blacks and African Americans.

Asian: The designation of Asian includes Non-Hispanic Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, Native Hawaiian, Guamanian or Chamorro, Samoan, and other Pacific Islander Race and non Hispanic ethnicity.

Hispanic: The designation of Hispanic includes Mexican, Puerto Rican, Cuban and other Hispanic ethnicity and any race.

White: The designation of White includes Non-Hispanic Whites.

Native American: Due to small numbers the subpopulation of Native Americans and/or Alaska Native were excluded from analysis.

Multiple races: Currently there is currently no capacity to specify more than one race on a birth or death certificate.

Methods

Rates and Calculations

Birth Rate: Number of births per 1,000 persons in a population.

Fertility Rate: Number of births per 1,000 women of childbearing age (15-44 years of age) in a population.

Teen Birth Rate: Number of births to teenagers 15-19 per 1,000 females 15-19.

Infant mortality: Number of deaths of infants less than one year per 1,000 live births.

Mortality Rate: Number of deaths per 100,000 persons in a population.

Age Adjusted Rates: Before applying the mortality rate for each age group, the population is weighted for the 2000 U.S. standard population.

Years of Potential Life Lost: The age of the decedent is subtracted from the endpoint age of 75.

Leading cause of death: Ranking of the number of total deaths.

Small Numbers

Rates per 100,000: Numbers smaller than 20 are not reported due to unstable rate estimates.

Rates per 1,000 and percentages: Numbers smaller than 5 are not reported due to unstable rate estimates.

Data Sources

Mortality: Illinois Department of Public Health Death Pull File 2000-2007

Maternal and Child Health: Illinois Department of Public Health Birth Pull File 2000-2007

Population: U.S. Census Bureau, 2000 Census, 2010 Census and American Community Survey 2005-2009

Communicable Disease: CDC Wonder,

Data limitations

Population:

Because the American Community Survey only estimated topics by town, unincorporated areas within the CCDPH Jurisdiction were excluded from analysis.

Mortality:

Some categories of cause of death may be not mutually exclusive. For example firearm related deaths may also fall under the category of homicide or suicide. There may also exist multiple causes of death such as Diabetes or Heart Disease.

Maternal and Child Health:

A note on infant mortality: Infant mortality can be calculated two ways. In general infant mortality is the number of deaths per 1,000 live births. Mortality rates by age also include deaths of infants under the age of 1 per 100,000 population.

Case Definitions

Mortality

Chronic Disease:

Asthma: ICD-10 code: J45-J46

Breast Cancer: ICD-10 code: C00-C97

Cancer: ICD-10 code: C00-C97

Cerebrovascular Disease: ICD-10 code: I60-I69

Coronary Heart Disease: ICD-10 code: I20-I25

Colorectal Cancer: ICD-10 code: C18-C21

Diabetes: ICD-10 code: E10-E14 (any cause of death: underlying, 1st, 2nd, etc.)

Lung Cancer: ICD-10 code: C34

Prostate Cancer: ICD-10 code:C61, Males Only

Violence and Injury

Firearm related: ICD-10 code: U01.4, W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0

Homicide: ICD-10 code: X85-Y09, U01-U02, Y87.1

Motor Vehicle Accident: ICD-10 code: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81

Suicide: ^ICD-10 code: X60-X84, U03, Y87.0

Unintentional Injury (not motor vehicle accident): ICD-10 code: V01, V01.9, V05-V08.9, V09.1, V09.3-V11.9, V15-V18.9, V19.3, V19.7-V19.9, V80-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3-X59, Y85-Y86.9

Maternal and Child Health

Low birth weight: Singleton birth to an infant weighing less than 5 pounds 8 ounces (2500 grams).

Inadequate prenatal care: Prenatal care began after 3rd month of pregnancy or no prenatal care received.

Communicable Disease

Chlamydia:

Human Immunodeficiency Virus (HIV):

Gonorrhea:

Primary and Secondary Syphilis:

Tuberculosis:

Healthcare Access

Uncontrolled Hypertension: ICD-9 Code: 401-405.99

Asthma: ICD-9 Code: 493 – 493.9

Diabetes Related Conditions: ICD-9 Code: 250.1-250.9 (Includes primary or secondary diagnosis)