

INTRODUCTION

ORGANIZATION OF THE REPORT

This publication by the Arizona Department of Health Services, ***Arizona Health Status and Vital Statistics 2013***, is the annual update of information on vital statistics and the health status of Arizona residents. It provides population-wide data on *pregnancies, births, abortions, stillbirths, reportable diseases, deaths, marriages, divorces, hospital inpatient discharges, emergency department visits, and the population* of the State.

The year 2013 report highlights both statewide trends as well as inequalities in health by subgroups including race/ethnicity, gender, and county. When possible, the data for 2013 are placed in a temporal context by comparison with the data for preceding years. The information in this volume consists of frequencies and rates of vital events for the State's residents (except as noted).

The updated *Index to Tables* in this report contains entries referring to specific health conditions, risk factors, disease categories, diagnostic groupings, procedures performed on hospital inpatients, and causes of death. The report provides information to monitor a number of the "Winnable Battles" identified in the Arizona Department of Health Services' Strategic Map including mortality data on obesity, enterocolitis due to *Clostridium difficile* (an infection associated with healthcare settings), and suicide, as well as information on births, fetal deaths, and abortions used to measure teenage pregnancy.

Since 1992, the report has been organized into three major parts, reflecting differences in geographic coverage:

*Part I is concerned with **statewide** statistics, Part II presents **county-level** information, and Part III is focused on **community-level** data.*

The first two parts are further divided into sections on reproductive and perinatal health, mortality, utilization of hospital care, and the status on year 2020 health objectives.

Not all health statistics are available or effectively reported at the community level. Hence, information about pregnancies, stillbirths, abortions, inpatient discharges, emergency room visits, reportable diseases, marriages, and marriage dissolutions is given only for the State and by county.

Part I of the report, ***THE STATE***, has four chapters. The first chapter deals with *reproductive and perinatal health*, i.e., characteristics of women who became pregnant, factors related to the course of their pregnancies, and the status of pregnancy outcomes. Much of these data are given for each year from 2003 to 2013. The natality section of this report is concerned with fertility and birth rates, the general health of newborns as indexed by birthweight, prematurity, and selected demographic and prenatal care characteristics of the women giving birth.

The second chapter is focused on *trends and patterns in mortality*. It compares the annual age-adjusted profile of leading causes of death by gender from 2003 to 2013. Urban/rural and racial/ethnic differences in cause-specific mortality are also examined for Arizona residents. The five leading causes of death are discussed for infants (<1 year), children (1-14 years), adolescents (15-19 years), young adults (20-44 years), middle-aged adults (45-64 years), and the elderly (65 or more years). For each age group, cause-specific mortality is compared between urban (Maricopa, Pima, Pinal, and Yuma counties) and rural (Apache, Cochise, Coconino, Gila, Graham, Greenlee, La Paz, Mohave, Navajo, Santa Cruz, and Yavapai) regions and between genders by year from 2003 to 2013. Urban and rural regions are compared in gender-specific total mortality. The chapter on mortality concludes with an examination of patterns of premature mortality by gender and race/ethnicity.

Morbidity, or the levels of disease in the population, is the topic of the third chapter. The presentation is limited to data on diseases reported for the entire population of the State by statutory mandate. Separate sections focus on non-sexually transmitted diseases, sexually transmitted diseases, and human immunodeficiency virus (HIV) and acquired immunodeficiency syndrome (AIDS).

Chapter 4 is focused on *inpatient hospital care*, as well as *emergency room care* in Arizona in 2013. An inpatient discharge occurs when a person who was admitted to a hospital leaves that hospital. A person who has been admitted to the emergency room or as a hospital inpatient more than once in a given calendar year will be counted multiple times as a discharge and included more than once in the hospital discharge data set; thus, the statistics on inpatient hospital care and emergency room care in this report are for discharges, not persons.