

# Delaware Vital Statistics Annual Report, 2006



*DELAWARE HEALTH AND SOCIAL SERVICES*  
Division of Public Health

Fall 2008  
Delaware Health Statistics Center

**Selected Characteristics: Delaware Vital Statistics Annual Report, 2006**

| <b>Population</b>                           | <b>Number*</b> | <b>Percent</b>               | <b>First Trimester Care</b>        | <b>Number*</b> | <b>Percent</b>               |
|---|----------------|------------------------------|------------------------------------|----------------|------------------------------|
| Delaware                                    | 853,447        | 100.0%                       | <i>White</i>                       | 6,222          | 74.8%                        |
| <i>Kent</i>                                 | 147,587        | 17.3%                        | <i>Black</i>                       | 2,134          | 70.6%                        |
| <i>New Castle</i>                           | 525,578        | 61.6%                        | <i>Hispanic</i>                    | 1,041          | 54.2%                        |
| <i>Sussex</i>                               | 180,282        | 21.1%                        | Delaware                           | 8,796          | 73.9%                        |
|   |                |                              | <i>Kent</i>                        | 1,471          | 65.9%                        |
|   |                |                              | <i>New Castle</i>                  | 5,920          | 81.1%                        |
|   |                |                              | <i>Sussex</i>                      | 1,405          | 59.4%                        |
| <b>Marriages</b>                            | <b>Number*</b> | <b>5-yr Rate<sup>1</sup></b> | <b>Reported Pregnancies</b>        | <b>Number*</b> | <b>5-yr Rate<sup>5</sup></b> |
| Delaware                                    | 5,105          | 6.1                          | Delaware                           | 15,418         | 84.6                         |
| <i>Kent</i>                                 | 993            | 7.0                          | <i>Kent</i>                        | 2,823          | 85.2                         |
| <i>New Castle</i>                           | 2,754          | 5.4                          | <i>New Castle</i>                  | 9,733          | 83.7                         |
| <i>Sussex</i>                               | 1,358          | 7.5                          | <i>Sussex</i>                      | 2,862          | 87.8                         |
| <b>Divorces</b>                             | <b>Number*</b> | <b>5-yr Rate<sup>1</sup></b> | <b>Pregnancy Outcomes</b>          | <b>Number*</b> | <b>Percent</b>               |
| Delaware                                    | 3,239          | 3.8                          | <i>Live Births</i>                 | 11,898         | 77.2%                        |
| <i>Kent</i>                                 | 673            | 5.0                          | <i>Fetal Deaths</i>                | 69             | 0.4%                         |
| <i>New Castle</i>                           | 1,836          | 3.3                          | <i>Induced Terminations (ITOP)</i> | 3,451          | 22.4%                        |
| <i>Sussex</i>                               | 730            | 4.1                          |                                    |                |                              |
| <b>Live Births</b>                          | <b>Number*</b> | <b>5-yr Rate<sup>2</sup></b> | <b>ITOP by Place of Residence</b>  |                |                              |
| Delaware                                    | 11,898         | 65.8                         | Delaware                           | 3,451          | 71.8%                        |
| <i>Kent</i>                                 | 2,233          | 67.5                         | <i>Kent</i>                        | 585            | 17.0%                        |
| <i>New Castle</i>                           | 7,299          | 63.3                         | <i>New Castle</i>                  | 2,388          | 69.2%                        |
| <i>Sussex</i>                               | 2,366          | 73.3                         | <i>Sussex</i>                      | 478            | 13.9%                        |
| <b>Births to Teenagers (15-19)</b>          |                |                              | Other States                       | 1,353          | 28.2%                        |
| <i>White</i>                                | 730            | 34.8                         |                                    |                |                              |
| <i>Black</i>                                | 511            | 69.1                         | <b>Infant Mortality</b>            | <b>Number*</b> | <b>5-yr Rate<sup>6</sup></b> |
| Delaware                                    | 1,256          | 43.6                         | Delaware                           | 99             | 8.8                          |
| <i>Kent</i>                                 | 244            | 45.4                         | <i>White</i>                       | 50             | 6.4                          |
| <i>New Castle</i>                           | 699            | 39.3                         | <i>Black</i>                       | 44             | 16.1                         |
| <i>Sussex</i>                               | 313            | 56.6                         | <i>Hispanic</i>                    | 12             | 6.9                          |
| <b>Race</b>                                 | <b>Number*</b> | <b>Percent</b>               | <b>Mortality</b>                   | <b>Number*</b> | <b>Adj. Rate<sup>7</sup></b> |
| <i>White</i>                                | 8,319          | 69.9%                        | Delaware                           | 7,144          | 759.7                        |
| <i>Black</i>                                | 3,021          | 25.4%                        | <i>Kent</i>                        | 1,219          | 856.7                        |
| <i>Hispanic Origin<sup>4</sup></i>          | 1,920          | 16.1%                        | <i>New Castle</i>                  | 4,039          | 755.3                        |
| <b>Marital Status</b>                       |                |                              | <i>Sussex</i>                      | 1,886          | 724.6                        |
| <i>Married</i>                              | 6,507          | 54.7%                        | <b>Race and Gender</b>             |                |                              |
| <i>Single</i>                               | 5,391          | 45.3%                        | <i>White Males</i>                 | 2,892          | 870.8                        |
| <b>Births to Single Mothers<sup>3</sup></b> |                |                              | <i>White Females</i>               | 2,964          | 620.0                        |
| <i>White</i>                                | 3,160          | 38.0%                        | <i>Black Males</i>                 | 634            | 1149.7                       |
| <i>Black</i>                                | 2,160          | 71.5%                        | <i>Black Females</i>               | 591            | 751.8                        |
| <i>Hispanic</i>                             | 1,174          | 61.1%                        | <b>Leading Causes of Death</b>     | <b>Number*</b> | <b>Percent</b>               |
| <b>Low Birth Weight (&lt;2500 gms)</b>      |                |                              | Heart Disease                      | 1,846          | 25.8%                        |
| All Races                                   | 1,112          | 9.3%                         | Cancer                             | 1,767          | 24.7%                        |
| <i>White</i>                                | 612            | 7.4%                         | Cerebrovascular diseases           | 383            | 5.4%                         |
| <i>Black</i>                                | 455            | 15.1%                        | Chronic Lower Respiratory Disease  | 344            | 4.8%                         |
| <i>Hispanic</i>                             | 128            | 6.7%                         | Unintentional Injuries             | 322            | 4.5%                         |

**Notes:**

\* Numbers are for 2006.

SUMMARY

- The 5-year rate is per 1,000 population and refers to the period 2002-2006.
- The 5-year rate refers to total live births per 1,000 women 15-44 years of age during the 2002-2006 period.
- Percentages for births to single mothers are based on total births for the race-group.
- People of Hispanic origin may be of any race. The percentage is based on total resident births for 2006.
- The 5-year pregnancy rate represents the number of reported pregnancies per 1,000 women 15-44 years of age for 2002-2006.
- The 5-year (2002-2006) infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.
- The 2006 mortality rates (deaths per 100,000 population) for Delaware and counties are age-adjusted to the 2000 U.S. population.

Source: Delaware Health Statistics Center

**Ruth Ann Minner, Governor**  
State of Delaware

**Vincent P. Meconi, Secretary**  
Delaware Health and Social Services

# Delaware Vital Statistics Annual Report, 2006



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## PREFACE

I am pleased to present the 2006 Vital Statistics Annual Report, issued by the Division of Public Health's Delaware Health Statistics Center.

This report features statistics that are essential to identify and understand the challenges facing Delaware as it strives to improve the health of its residents. Our challenges are significant, and include the reduction of infant mortality, lowering our high rates of cancer, and closing the health disparities gap that exists when we compare racial and ethnic groups. In order to meet these challenges, we must gain insight from, and track our progress through, health indicators. The 2006 Delaware Vital Statistics Annual Report is a key report issued by the Division of Public Health for this purpose.

The primary sources of data used in preparing this report are certificates of marriage, divorce, live birth, death, fetal death, and reports of induced termination of pregnancy. We are indebted to the hard work and dedication of the professionals who provide these certificates.

Due to the confidential nature of information contained on these certificates, every measure is taken to assure that all reports and data products meet both the federal and state requirements for protecting personal health information. The Division is committed to balancing the protection of individual health information with the need to protect public health.

To assist users of this report, an introductory section describes Delaware's vital statistics system and defines terms used in the report. In addition, we can provide all data, tables, and graphs in Microsoft Excel spreadsheets, or the entire report in electronic format. To make such requests, or to ask questions about the report in general, please contact the Delaware Health Statistics Center at 302-744-4541. The report is also available at <http://www.state.de.us/dhss/dph/hp/annrepvs.html>.

Jaime H. Rivera, MD, FAAP

A handwritten signature in black ink that reads "Jaime Rivera MD". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Director  
Delaware Division of Public Health

## ACKNOWLEDGMENTS

This report was prepared by Barbara Gladders and Maridelle Dizon, and reviewed by Denese Welch of the Delaware Health Statistics Center.

We gratefully acknowledge the contributions of Brenda Conner and the staff of the Office of Vital Statistics, Edward C. Ratledge and the staff of the Center for Applied Demography and Survey Research at the University of Delaware, and the Health Statistics Center staff, including: Jean Hreczan, Louise Wishart, Georgette Ahiamadjie and Amanda Griffith. We also recognize local registrars, physicians, nurses, medical records staffs, midwives, funeral directors, and county clerks for their help in collecting and providing us with these data. Finally, special thanks go to Dr. Paul Silverman for providing the cover photograph.

### **To obtain additional copies of this report, contact:**

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### **Or visit our website at:**

<http://www.dhss.delaware.gov/dhss/dph/hp/healthstats.html>

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