

Infant Health in Anne Arundel County

Anne Arundel County Department of Health

Office of Assessment and Planning

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The Anne Arundel County Department of Health works toward the goal that all babies in Anne Arundel County are born healthy and thrive. There are several facets of infant health explored in this report and each is explained below:

Pregnancy in teens comes with increased risk of complications for both mother and baby. Infants born to teen mothers have a higher risk for preterm birth, low birthweight, and death than infants born to older mothers.

Early prenatal care initiation reduces the risk of complications during pregnancy. Additionally, infants of mothers who do not get prenatal care are three times more likely to have low birthweight and five times more likely to die than those babies born to mothers who do get care.

Low birthweight and preterm birth not only increase an infant's risk of death in the first days of life, but they also increase the risk of breathing problems, obesity and other diseases as the infant grows up and enters adulthood.

Data Source:
Maryland Vital Statistics Administration, Birth and Death Certificate Files, 2014-2018.

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Births by Race/Ethnicity Anne Arundel County, 2014-2018

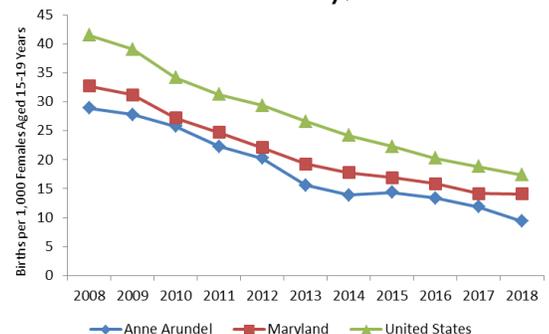
	2014	2015	2016	2017	2018
Total	6,968	6,924	6,994	6,895	6,783
White, NH*	4,483	4,383	4,357	4,242	4,118
Black, NH	1,236	1,259	1,291	1,273	1,251
Hispanic	866	847	896	936	1,009

*NH- Non-Hispanic

The number of births increased from 2014 to 2016 but decreased in both 2017 and 2018. Every group except Hispanic saw a decrease in the number of births in 2018.

Births among Anne Arundel County teens continued to decline, reaching an all-time low in 2018 of 9.4 births per 1,000 teens aged 15-19 years. The county's rate is lower than both Maryland and the United States.

Teen (15-19 Years) Birth Rate Anne Arundel County, 2008-2018

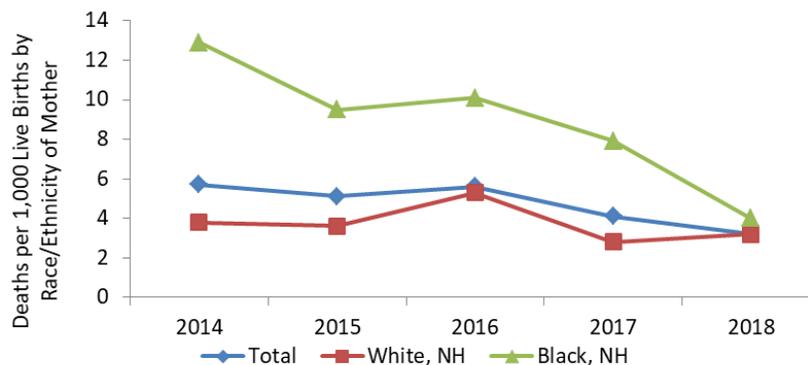


Infant Deaths by Race/Ethnicity Anne Arundel County, 2014-2018

	2014	2015	2016	2017	2018
Total	48	35	39	28	22
White, NH	17	16	23	12	13
Black, NH	16	12	13	10	5
Hispanic	3	3	3	5	3

The infant mortality rate among non-Hispanic Black infants decreased by half from 2017 to 2018, to 4.0 per 1,000 live births. This rate is nearly identical to the rate in non-Hispanic White infants (3.2 per 1,000 live births).

Infant Mortality Rate by Race, Anne Arundel County, 2014-2018



NOTE: Rates are not calculated for Hispanics because rates with <10 events in the numerator are unstable.

Selected Risk Factors for Infant Mortality

Percent of Low Birthweight Infants by ZIP
Anne Arundel County, 2014-2018

Anne Arundel County Average: 7.7%

