



Oklahoma African American Maternal Child Health Data Review



MCH Assessment Division
Oklahoma State Department of Health

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Demographics

	AA	OK (All Races)
Population (total) ¹	306,089	3,930,864
Women ages 15-44 ¹	66,765	768,751
Birth rate ³	15.1	12.8
Teen birth rate (15-19 years) ³	37.2	29.6

Pregnancy Risk Conditions

	AA	OK (All Races)
Pre-pregnancy		
High blood pressure ²	8.3	6.8
Diabetes ²	3.3	4.0
Depression ²	13.5	16.0
Gestational		
High blood pressure ²	18.9	17.0
Diabetes ²	6.8	8.5
Depression ²	18.3	13.9

Postpartum Health

	AA	OK (All Races)
Initiate breastfeeding ²	76.8	84.7
Breastfeeding 8 weeks or more ²	48.7	56.2
Infant uses back sleep position ²	63.0	76.1
Infant bed-sharing ²	64.1	44.3
Postpartum birth control use ²	76.6	80.7
Postpartum depression ²	17.5	14.6

Major Causes of Infant Deaths⁴

- Congenital malformation
- Preterm and low birth weight
- Sudden infant death syndrome
- Newborn affected by maternal complications
- Accidents

Preconception

	AA	OK (All Races)
Smoking in 3 months prior ²	27.8	23.5
Alcohol use 3 months prior ²	44.0	51.5
Multivitamin/Folic acid Use ²	33.6	42.1
Maternal overweight/obesity ²	58.8	55.0

Pregnancy Health

	AA	OK (All Races)
Prenatal Care in 1st trimester ³	60.6	59.7
Pregnancy Intention²		
Unintended	42.7	30.0
Not Sure	22.7	18.3
Percent of mothers on Medicaid ²	76.2	57.5

Birth Outcomes

	AA	OK (All Races)
Infant mortality rate (IMR) ⁴	13.8	7.5
Preterm birth rate ³	14.2	11.1
Low birth weight ³	13.4	8.1

Quick Facts

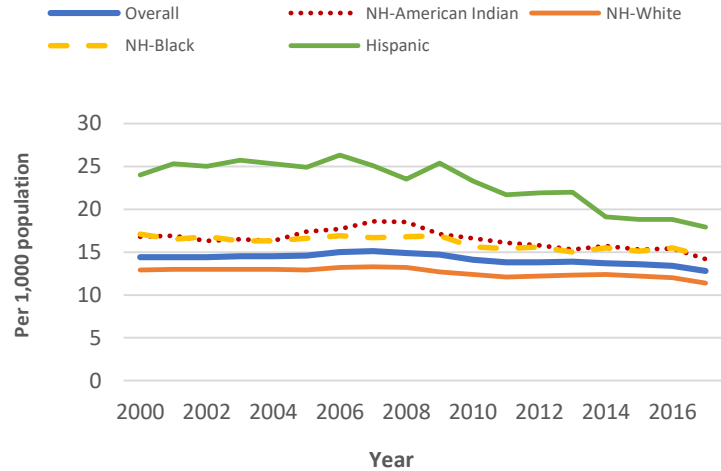


	Improving	Not Improving
Infant mortality rate		13.8
Preterm birth rate		14.2
Gestational hypertension		18.9
Unintended pregnancy		42.7
Teen birth rate		37.2
Alcohol Use	44.0	
Gestational diabetes	6.8	



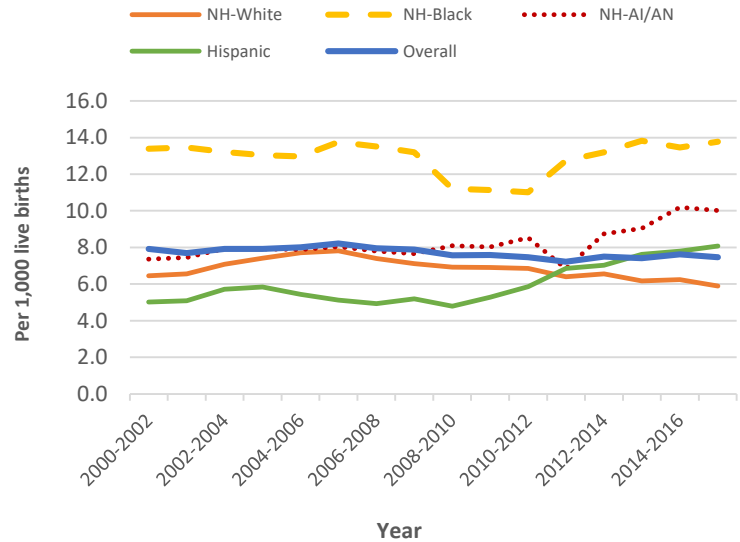
Crude Birth Rates by Race & Hispanic Origin, Oklahoma 2000 - 2017

Year	Overall	NH-American Indian	NH-White	NH-African American	Hispanic
2000	14.4	16.8	12.9	17.1	24.0
2001	14.4	16.9	13.0	16.5	25.3
2002	14.4	16.3	13.0	16.8	25.0
2003	14.5	16.5	13.0	16.3	25.7
2004	14.5	16.3	13.0	16.3	25.3
2005	14.6	17.4	12.9	16.6	24.9
2006	15.0	17.7	13.2	16.9	26.3
2007	15.1	18.6	13.3	16.7	25.1
2008	14.9	18.5	13.2	16.8	23.5
2009	14.7	17.1	12.7	16.9	25.4
2010	14.1	16.6	12.4	15.6	23.3
2011	13.8	16.1	12.1	15.4	21.7
2012	13.8	15.8	12.2	15.6	21.9
2013	13.9	15.3	12.3	15.0	22.0
2014	13.7	15.7	12.4	15.5	19.1
2015	13.6	15.3	12.2	15.1	18.8
2016	13.4	15.4	12.0	15.5	18.8
2017	12.8	14.2	11.4	14.5	17.9



Infant Mortality by Race & Hispanic Origin, Oklahoma 2000 - 2017

Year of Death	NH-White	NH-African American	NH-AI/AN	Hispanic	Overall
2000-2002	6.5	13.4	7.4	5.0	7.9
2001-2003	6.6	13.5	7.4	5.1	7.7
2002-2004	7.1	13.2	7.9	5.7	7.9
2003-2005	7.4	13.0	7.9	5.8	7.9
2004-2006	7.7	13.0	7.9	5.4	8.0
2005-2007	7.8	13.7	8.0	5.1	8.2
2006-2008	7.4	13.5	7.8	4.9	7.9
2007-2009	7.1	13.2	7.7	5.2	7.9
2008-2010	6.9	11.2	8.1	4.8	7.6
2009-2011	6.9	11.1	8.0	5.3	7.6
2010-2012	6.8	11.0	8.5	5.9	7.5
2011-2013	6.4	12.7	6.8	6.9	7.2
2012-2014	6.6	13.2	8.7	7.0	7.5
2013-2015	6.2	13.8	9.0	7.6	7.4
2014-2016	6.2	13.5	10.2	7.8	7.6
2015-2017	5.9	13.8	10.0	8.1	7.5



Technical Notes

- Maternal Overweight/Obesity — Pre-pregnancy Body Mass Index (BMI) of 25.0 or greater.
- Infant Mortality Rate —Number of deaths before day 365/1,000 live births.
- Birth rate—Number of Resident Live Births/1,000 Female Resident Population.
- Preterm Birth—Percentage of all live births less than 37 completed weeks gestation but more than 19 weeks.
- Unintended Pregnancy—Percentage of women with live births who indicated they wanted to be pregnant later or not at all when they became pregnant.
- Low Birth Weight—Birth weight less than 2,500 grams.
- Postpartum Depression — Mothers reporting yes to sometimes or to always being depressed, hopeless or having little interest or pleasure in doing things.
- Moving averages removes fluctuations in rates for multiple years.
- PCOS – Polycystic ovarian syndrome.

Data Sources

1. Population estimates 2017 U.S. Census Bureau, Population Division.
2. PRAMS 2016-2017 – Maternal and Child Health Service, Oklahoma State Department of Health (OSDH).
3. Oklahoma Vital Statistics - Births 2017- Health Care Information, OSDH.
4. Oklahoma Vital Statistics Infant Deaths 2015-2017- Health Care Information, OSDH.

Data Qualification

Relative to 2016, there is a 5% decline in resident births for the year 2017. No clear reason or trend is known for this decline.