

2019 CHILD HEALTH REPORT CARD

DATA SOURCES AND REFERENCES

DEMOGRAPHICS

Data Sources:

Number of babies born (live births): NC Department of Health & Human Services, State Center for Health Statistics. Selected Vital Statistics for 2017 - Resident Births by County of Residence and Race/Ethnicity of Mother. Available online at:

https://schs.dph.ncdhhs.gov/data/provisional/Birth/2017/CY2017%20PB7%20Resident%20Births%20by%20County%20by%20Maternal%20Race_Ethnicity.html

Percent of total live births: NC Department of Health & Human Services, State Center for Health Statistics. Selected Vital Statistics for 2017 - Resident Births by County of Residence and Race/Ethnicity of Mother. Available online at:

https://schs.dph.ncdhhs.gov/data/vital/volume1/2017/Vol1_2017_PRT.pdf

Children Under Age 18 (%): U.S. Census Bureau. American Community Survey, Single-Year Estimates 2017, Table S0201: Selected Population Profile in the United States.

Available online at: <https://factfinder.census.gov>.

HEALTHY BIRTHS

Data Sources:

Newborns who are breastfed exclusively for at least 6 months: Centers for Disease Control and Prevention, National Immunization Survey, Rates of Any and Exclusive Breastfeeding Rates among Children Born in 2012 and 2015. Percentage of infants who were exclusively breastfed through 6 months. Available online at:

https://www.cdc.gov/breastfeeding/data/nis_data/results.html

Women aged 18-44 with health insurance coverage: NC Department of Health & Human Services, State Center for Health Statistics. 2017 and 2013 Behavioral Risk Factor Surveillance System, Core State Preconception Health and Health Care Indicators. Percentage of women who currently have some type of health care coverage. Available online:

<http://www.schs.state.nc.us/data/preconception/>

Women who receive early prenatal care: NC Department of Health & Human Services, State Center for Health Statistics. North Carolina Infant Mortality Report, Table 10: Risk Factors and Characteristics for North Carolina Resident Live Births, 2016 and 2012.

Available online at: <http://www.schs.state.nc.us/data/vital/ims/2016/>

Pregnancy-related deaths per 100,000 live births: NC Department of Health & Human Services, State Center for Health Statistics. Trends in Maternal Mortality Statistics, Table 3: Pregnancy-Related Mortality by Race and Ethnicity, North Carolina Residents 1999-2013.

Data Key:

‡ Asian includes Hawaiian/Pacific Islander

§ Other includes Multi-racial and Two or More Races

* Race categories include Hispanic

† American Indian includes Native Alaskan

Available online at: <http://www.schs.state.nc.us/data/maternal/>

Infant mortality rate per 100,000 live births: NC Department of Health & Human Services, State Center for Health Statistics. 2016 North Carolina Infant Mortality Report, Table 4: North Carolina Resident Infant Death Rates and Annual Percent Changes by Race/Ethnicity: 2016. Available online at <http://www.schs.state.nc.us/data/vital/ims/2016/>.

Babies who are born before 37 weeks of pregnancy: NC Department of Health & Human Services, State Center for Health Statistics. North Carolina Infant Mortality Report, Table 10: Risk Factors and Characteristics for North Carolina Resident Live Births: 2016 and 2012. Available online at: <http://www.schs.state.nc.us/data/vital/ims/2016/>

Rate of births to teen girls ages 15-19, per 1,000: North Carolina Department of Health & Human Services, State Center for Health Statistics, NC Resident Fertility Rates: Females Ages 15-19 by Race/Ethnicity, 2016 and 2012. Available online at: <http://www.schs.state.nc.us/data/vital/pregnancies/2016/>

ACCESS TO CARE

Data Sources:

Kindergarten students with untreated tooth decay†§: Special Data request to the Oral Health Section, Division of Public Health, North Carolina Department of Health and Human Services, Nov 2018.

School Counselor Ratio: State by State Student-to-Counselor Ratio Report 10-Year Trends, National Association for College Admission Counseling and American School Counselor Association. Available online at:

<https://www.schoolcounselor.org/asca/media/asca/Publications/ratioreport.pdf>

School Nurse Ratio: Annual School Health Services Report, 2016-17. Available online at: <https://publichealth.nc.gov/wch/stats/>

Children with Medicaid who received a well-child check-up in the past year: Annual Early and Periodic Screening, Diagnostic, and Treatment Participation Report, Fiscal Years 2017 and 2013, Form CMS-416. Available online at:

<https://www.medicaid.gov/medicaid/benefits/epsdt/index.html>.

Children ages 19-35 months with appropriate immunizations: Centers for Disease Control and Prevention, National Immunization Survey 2017, Combined 6-series vaccine coverage, 2014 and 2017. Available online at:

<https://www.cdc.gov/vaccines/vaxview/index.html>

<https://www.cdc.gov/vaccines/imz-managers/coverage/childvaxview/data-reports/6-series/index.html>

Adolescents ages 13-17 who have received 1 or more HPV vaccinations: National Immunization Survey-Teen (NIS-Teen) 2017 and 2016

Available online at: <https://www.cdc.gov/vaccines/imz-managers/coverage/teenvaxview/data-reports/hpv/index.html>

*Children with Health Insurance†§**: U.S. Census Bureau, American Community Survey, 1-Year Estimates, 2017 and 2013. Table S2701: Selected Characteristics of Health Insurance Coverage Status in the United State and Tables B27001B-I: Health Insurance Coverage Status

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by Age. Available online at: <https://factfinder.census.gov>
Parents without health insurance†‡§*: Population Reference Bureau analysis of data from U.S. Census Bureau, 2011 and 2015 American Community Surveys, Public Use Microdata Sample. Available online at: <https://datacenter.kidscount.org/data/tables/6317-parents-without-health-insurance?loc=35&loct=2#detailed/2/35/false/870,573,869,133,38/any/13149,13150>

SECURE HOMES AND NEIGHBORHOODS

Data Sources:

Children who live in high-poverty neighborhoods: Population Reference bureau, analysis of data from the U.S. Census bureau, Census 2000 Supplementary Survey, 2001 Supplementary Survey, 2002 through 2016 American Community Survey, Data provided by National KIDS COUNT. Available online at: <http://datacenter.kidscount.org>

Children who live in poor or low-income households†§*: Population Reference bureau, analysis of data from the U.S. Census bureau, Census 2000 Supplementary Survey, 2001 Supplementary Survey, 2002 through 2017 American Community Survey, Data provided by National KIDS COUNT. Available online at

<https://datacenter.kidscount.org/data/tables/47-children-below-200-percent-poverty?loc=35&loct=2#detailed/2/35/false/871,870,573,869,36,868,867,133,38,35/any/329,330;>
https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_1_YR_B09002&prodType=table ;
<https://datacenter.kidscount.org/data/tables/6726-children-below-200-percent-poverty-by-race?loc=35&loct=2#detailed/2/35/false/870,573,869,36,868,867,133,38,35,18/10,11,9,12,1,13,185/13819,13820>

*Children who have an asthma diagnosis**: North Carolina Department of Health and Human Services, N.C. Child Health Assessment and Monitoring Program, State Center for Health Statistics, 2016-17 and 2012 North Carolina Statewide CHAMP Survey Results, Asthma. Available online at: <http://www.schs.state.nc.us/data/champ/survey.htm>

Children Investigated for abuse and neglect†*: Duncan, D.F., Kum, H.C., Flair, K.A., Stewart, C.J., Vaughn, J.S., Guest, S., Rose, R.A., Malley, K.M.D., and Fwaltney, A. Y. (2017). Management Assistance for Child Welfare, Work First, and Food & Nutrition Services in North Carolina (v3.2). Available online at: http://sasweb.unc.edu/cgi-bin/broker?_service=default&_program=cwwweb.tbReport.sas&county=North%20Carolina&label=&type=CHILD&fn=ALL&vtype=dem&format=html&entry=12

Children who exit to a permanent living situation within 24 months†*: Duncan, D.F., Kum, H.C., Flair, K.A., Stewart, C.J., Vaughn J.S., Guest, S., Rose, R.A., Malley, K.M.D., and Fwaltney, A. Y. (2017). Management Assistance for Child Welfare, Work First, and Food & Nutrition Services in North Carolina (v3.2). Available online at: http://sasweb.unc.edu/cgi-bin/broker?_service=default&_program=cwwweb.iexp.sas&county=North%20Carolina&label=&entry=2

North Carolina Resident Child (age 0-17) death rates by type of death per 100,000: Special Data Request to the North Carolina Child Fatality Task Force and the State Center for Health Statistics, North Carolina Department of Health and Human Services December 2018.

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HEALTH RISK FACTORS

Data Sources:

Children ages 10-17 who are overweight or obese: National Survey of Children's Health 2016-17 and 2011-12. Indicator 1.4a: Weight status (BMI) in 3 categories, age 10-17.

Available online at: <http://www.childhealthdata.org/learn/NSCH>

Children who live in food insecure households: Feeding America, Map the Meal Gap, Childhood Food Insecurity by State, 2016 and 2014. Available online at:

<http://map.feedingamerica.org/>

Tobacco, Alcohol, EVP and Substance Use§: Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey, 2017, 2015 and 2013. Available online at: <https://www.cdc.gov/healthyyouth/data/yrbs/index.htm>.

High school students who attempted suicide in the past year§: Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey, 2017. online at:

<https://www.cdc.gov/healthyyouth/data/yrbs/index.htm>. Note: trend/base data not available due to change in survey question.

Past-year major depressive episode among adolescents aged 12-17: Substance Abuse and Mental Health Services Administration, Center for Behavioral Health Statistics and Quality, National Surveys on Drug Use and Health, 2017 and 2014-2015. Available online at: <https://www.samhsa.gov/data/>

Adolescents aged 12-17 with major depressive episode and received treatment for depression: Substance Abuse and Mental Health Services Administration, Center for Behavioral Health Statistics and Quality, National Surveys on Drug Use and Health, 2017 and 2011-15. Available online at: <https://www.samhsa.gov/data/>

Third grade students reading at grade level§: North Carolina Department of Public Instruction. Accountability and Testing Results. State, District, and School Level Drilldown Performance Data, SY 2016-2017 and SY 2013-2014. Available online at:

<http://www.ncpublicschools.org/accountability/reporting/>

High school students who graduate on time§: North Carolina Department of Public Instruction. North Carolina Cohort Graduation Rate Reports, 2017-18 and 2014-15.

Available online at: <http://www.ncpublicschools.org/accountability/reporting/cohortgradrate>

SPECIAL ISSUE: YOUTH SUICIDE

References:

1. North Carolina Vital Statistics. North Carolina State Center for Health Statistics website. <https://schs.dph.ncdhhs.gov/data/vital/volume1/2017/>. Accessed January 12, 2019.
2. Suicide in children and teens. American Academy of Child and Adolescent Psychiatry website. https://www.aacap.org/aacap/families_and_youth/facts_for_families/fff-guide/teen-suicide-010.aspx. Accessed January 12, 2019.
3. High School Youth Risk Behavior Survey, North Carolina. Centers for Disease Control and Prevention website. <https://nccd.cdc.gov/youthonline/app/Results.aspx?LID=NC>. Accessed January 12, 2019.

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