NC Child
The Voice for North Carolina's Children

NCIOM

2021 CHILD HEALTH REPORT CARD
DATA SOURCES & REFERENCES

DEMOGRAPHICS

Data Sources:

Numbers of babies born (live births): NC Department of Health & Human Services, State Center for Health Statistics. Selected Vital Statistics for 2018 - North Carolina Reported Pregnancies for 2018-Resident Live Births by Race/Ethnicity of Child: North Carolina, 2009-2018. Available online at: *https://schs.dph.ncdhhs.gov/data/vital/pregnancies/2018/*

Percent of total live births: NC Department of Health & Human Services, State Center for Health Statistics. Selected Vital Statistics for 2018 - North Carolina Reported Pregnancies for 2018-Resident Live Births by Race/Ethnicity of Child: North Carolina, 2009-2018. Available online at: *https://schs.dph.ncdhhs.gov/data/vital/pregnancies/2018/*

Children Under Age 18 (%): U.S. Census Bureau. American Community Survey, Single-Year Estimates 2019, Table S0201: Selected Population Profile in the United States and Tables B01001B-I: Sex by Age. Available online at: *https://data.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 2014 and 2017. 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. 2018 and 2014 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 at: *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, 2019 and 2014. Available online at: *https://schs.dph.ncdhhs.gov/data/vital/ims/2019/*

Infant mortality rate per 1,000 live births: NC Department of Health & Human Services, State Center for Health Statistics. 2019 North Carolina Infant Mortality Report, Table 4: North Carolina Resident Infant Death Rates and Annual Percent Changes by Race/Ethnicity: 2019. Available online at: *https://schs.dph.ncdhhs.gov/data/vital/ims/2019/*

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: 2019 and 2014. Available online at: *https://schs.dph.ncdhhs.gov/data/vital/ims/2019/*

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, 2019 and 2014. Available online at *https://schs.dph.ncdhhs.gov/data/vital/pregnancies/2019/* and *https://schs.dph.ncdhhs.gov/data/vital/pregnancies/2014/*

ACCESS TO CARE

Data Sources:

Kindergarten students with untreated tooth decay‡§: Data request to the Oral Health Section, Division of Public Health, North Carolina Department of Health and Human Services, Nov 2020. School Counselor Ratio: Student-to-School-Counselor Ratio 2018–2019; American School Counselor Association. Available online at: *https://static1.squarespace.com/static/5a56b9aa017db276cd76b240/t/5e9663c6d3ddce144cdad0c2/1586914246609/Ratios18-19.pdf*

School Nurse Ratio: Annual School Health Services Report, 2018-19. Available online at: *https://publichealth.nc.gov/wch/stats/*

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

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 2018 and 2014, Form CMS-416. Available online at: *https://www.medicaid.gov/medicaid/benefits/epsdt/index.html*

Children ages 19-35 months with appropriate immunizations: Data request to the Immunization Services Division, National Center for Immunization and Respiratory Diseases, Centers for Disease Control and Prevention. November 2020. Available online at: *https://www.cdc.gov/vaccines/vaxview/index.html*

Adolescents ages 13-17 who have received 1 or more HPV vaccinations: National Immunization Survey-Teen (NIS-Teen) 2019 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, 2019 and 2015. Table S2701: Selected Characteristics of Health Insurance Coverage Status in the United State and Tables B27001B-I: Health Insurance Coverage Status by Age. Available online at: *https://data.census.gov*

Parents without health insurance*†‡§: Special Data request to Population Reference Bureau. Population Reference Bureau analysis of data from U.S. Census Bureau, 2016 and 2019 American Community Surveys, Public Use Microdata Sample.

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, 2010-14 and 2014-18, American Community Survey 5-year data; Data Provided by National KIDS COUNT. Available online at: *https://datacenter.kidscount.org/data#NC/2/0/char/0*

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 2019 American Community Survey. Available online at: *https://datacenter.kidscount.org/data/tables/47-children-below-200-percent-poverty#detailed/2/35/false/1729,37,871,870,573,869,36,868,867,133/any/329,330*

Population Reference Bureau, analysis of data from the U.S. Census Bureau, 2005 through 2018 American Community Survey. Available online at: *https://datacenter.kidscount.org/data/tables/6726-children-below-200-percent-poverty-by-race?loc=35&loct=2#detailed/2/35/false/37,871,870,573,869/10,11,9,12,1,185,13/13819,13820*

Children who have an asthma diagnosis*: Child and Adolescent Health Measurement Initiative. 2018-2019 and 2016-2017 National Survey of Children's Health (NSCH) data query. Data Resource Center for Child and Adolescent Health supported by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB). Available online at: *https://www.childhealthdata.org/browse/survey*

Children investigated for child abuse or neglectt*†: Counties began to transition to the NCFAST data system in August of 2017. Complete legacy data are tracked for counties that have transitioned; for these counties current NCFAST data are used to provide demographics of children in foster care. Data for counties that have not transitioned remain complete and up to date. This estimate reflects only the counties that have not transitioned and are still using the legacy system. 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=cwweb.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*†: Counties began to transition to the NCFAST data system in August of 2017. Complete legacy data are tracked for counties that have transitioned; for these counties current NCFAST data are used to provide demographics of children in foster care. Data for counties that have not transitioned remain complete and up to date. This estimate reflects only the counties that have not transitioned and are still using the legacy system. 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). Counted exits from foster care are reunification with parents; guardianship with a relative; adoption; guardianship with other court-approved caretaker; custody with non-removal parent or relative; and custody with other court approved caretaker.

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North Carolina Resident Child (age 0-17) death rates by type of death per 100,000: North Carolina Child Fatality Task Force, with data produced by the N.C. Division of Public Health - Women's and Children's Health Section in conjunction with the State Center for Health Statistics. Available online at: https://www.ncleg.net/DocumentSites/Committees/NCCFTF/Reports%20and%20Data/Child%20Fatality%20Data%20Reports/2017%20child%20death%20data%20Nov.%202018.pdf

HEALTH RISK FACTORS

Data Sources:

Children ages 10-17 who are overweight or obese: National Survey of Children's Health 2016-17 and 2018-19. Indicator 1.4a: Weight status (BMI) in 3 categories, age 10-17. Available online at: https://www.childhealthdata.org/browse/survey

Children who live in food insecure households: Feeding America, Map the Meal Gap, Childhood Food Insecurity by State, 2018 and 2016. 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, 2019 and 2017. 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, 2019 and 2017. Available online at: https://www.cdc.gov/healthyyouth/data/yrbs/index.htm

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, 2019 and 2018. Data 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, 2019 and 2018. 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, 2016-2017 and 2013-2014.
Available online at: http://www.ncpublicschools.org/accountability/reporting/ and
https://public.tableau.com/profile/ncecf.project#!/vizhome/NCECFThirdGradeReadingProficiencyFinal/DashboardPage7

High school students who graduate on time§: North Carolina Department of Public Instruction. North Carolina Cohort Graduation Rate Reports, 2019-2020 and 2015-16. Available online at: https://www.dpi.nc.gov/districts-schools/testing-and-school-accountability/school-accountability-and-reporting/cohort-graduation-rates and https://www.dpi.nc.gov/districts-schools/testing-and-school-accountability/school-accountability-and-reporting/accountability-data-sets-and-reports#2015%E2%80%9316-documentation

SPECIAL ISSUE:
THE IMPACT OF THE COVID-19 PANDEMIC ON NC FAMILIES

References:

Running the Numbers : Estimated Changes in Health Insurance Coverage of North Carolinians in the First Six Months of the COVID-19 Pandemic. Mark Holmes. North Carolina Medical Journal November 2020, 81 (6) 400-402; DOI: https://www.ncmedicaljournal.com/content/81/6/400

NC Child analysis of Census Bureau Household Pulse Survey, Week 20 (November 25-December 7).
Available online at: https://www.census.gov/data/tables/2020/demo/hhp/hhp20.html

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