

# WNCHEALTHYIMPACT<sup>3.0</sup>

## 2018 Proposed Core Dataset

This document summarizes the currently proposed dataset (including both primary and secondary indicators) that will be provided in the 2018 WNC Healthy Impact county data workbooks. Please note:

- Years of Data Included:
  - For WNC Healthy Impact survey data, columns labeled 2012-2018 indicate which years the indicator was/will be asked on the regional phone survey.
  - Secondary data (data from an existing source – not the WNC Healthy Impact phone survey), all recently available years will be provided in the data workbook, which varies by source.
- Secondary data in review:
  - While the primary/phone survey questions must be approved by the steering committee by January 31<sup>st</sup>, the Data Workgroup and Data Consulting Team may continue to add additional secondary data indicators as available and appropriate.

Indicator	<i>If WNC HI Survey, Years to be Provided in 2018 Workbook</i>			Source
	2012	2015	2018	
<b>I. DEMOGRAPHIC AND SOCIOECONOMIC PARAMETERS</b>				
<b>A. Population</b>				
1. Current population estimates				U.S. Census
2. Demographic metrics from HI primary survey (10 questions total)	x	x	x	WNC HI Survey
3. # of children under 18 currently living in household	x	x	x	WNC HI Survey
4. Employment status	x	x	x	WNC HI Survey
5. Active duty military history	x	x		WNC HI Survey
6. Active duty military status	x			WNC HI Survey
7. Overall population growth trend				NCOSBM
8. Birth rate trend				NC SCHS
9. Geographic mobility				U.S. Census
10. Elderly population growth trend (Age 65 and older)				NCOSBM
11. Youth population growth trend (Under Age 18)				NCOSBM
12. Family composition trend				U.S. Census
13. Grandparents				U.S. Census
14. Military veterans				U.S. Census
15. Household language				U.S. Census

16. Growth of foreign-born population				U.S. Census
17. Seasonal residences				U.S. Census
18. Registered voters				LINC
19. Urban and rural population				U.S. Census
20. Homelessness (point-in-time counts)				NCCEH
<b>B. Education</b>				
1. Educational attainment by level				U.S. Census
2. High school dropout rate trend				DPI
3. 4-year high school graduation rate				DPI
4. End of grade test scores, county/district level				DPI
5. School disciplinary action, county/district level				DPI
6. School enrollment, county/district level				DPI
<b>C. Income</b>				
1. Median/Per Capita income measures				U.S. Census
2. Population in poverty trend				U.S. Census
3. Housing expense as percent of household income				U.S. Census
4. Free and Reduced Lunch trend, public schools				NC DPI
<b>D. Employment/Unemployment</b>				
1. Employment by sector				ESC
2. Unemployment rate trend				NC DOC
<b>E. Economic Climate</b>				
1. County revenue indicators and county tier designation				NC DOC, NC DOR
<b>F. Community Safety</b>				
1. Homicide				NC SCHS
2. Index crime trend				NC DOJ
3. Violent crime trend				NC DOJ
4. Property crime trend				NC DOJ
5. Sexual assault				NC DOA
6. Domestic violence trends				NC DOA

7. Child abuse and neglect				UNC School of Social Work
8. High school reportable crimes				NC DPI
9. Juvenile justice				NC DPS
<b>II. HEALTH STATUS/HEALTH OUTCOME PARAMETERS</b>				
<b>A. Health Rankings</b>				
1. America's Health Rankings				UHF
2. County Health Rankings				RWJF
<b>B. Pregnancy and birth</b>				
1. Pregnancy rates and abortion rate trend for all women aged 15-44				NC SCHS
2. Pregnancy rate trend for teens aged 15-17				NC SCHS
3. Pregnancy rate and abortion rates for teens aged 15-19				NC SCHS
4. Births to mothers who smoked prenatally				NC SCHS
5. Pregnancies receiving prenatal care in the first trimester (mos. 1-3)				NC SCHS
6. Unintended pregnancy (not county-specific)				NC SCHS
7. Low birth weight births trend				NC SCHS
8. Infant mortality rate trend				NC SCHS
9. Preterm births				NC SCHS
<b>C. Mortality</b>				
1. Life expectancy (at birth)				NC SCHS
2. 15 leading causes of death				NC SCHS
3. Top 5 leading causes of death by age group				NC SCHS
4. Mortality rates of the 15 leading causes of death and 4 major site-specific cancers				NC SCHS
5. Cancer incidence trends for total and four major site-specific cancers				NC SCHS
6. Fatal Injuries (non-poisoning)				
a. Unintentional fall-related deaths, among 65+				NC SCHS
b. Unintentional fall-related deaths, all ages				NC SCHS
c. Vehicular crashes trend				HSRC
7. Unintentional poisoning				
a. Unintentional poisoning mortality				NC SCHS

b. Unintentional poisoning deaths and medication/drug overdose deaths				NC IVPB
c. Leading causes of unintentional medication/drug overdose deaths				NC IVPB
d. Regional medication/drug overdose poisoning				NC IVPB
<b>D. Morbidity</b>				
1. General				
a. Self-rated health	x	x	x	WNC HI Survey
b. Activity limitations: Are you limited in any way in any activities because of physical, mental or emotional problems?	x	x	x	WNC HI Survey
c. What is the major impairment or health problem that limits you?	x	x	x	WNC HI Survey
2. Injuries				
a. Falls in last 12 months	x	x		WNC HI Survey
b. Falls causing injury	x			WNC HI Survey
3. Communicable disease				
a. STIs trend (chlamydia, gonorrhea, syphilis)				NC DHHS CD Branch; NCSCHS
b. Chlamydia ages 15-24				
c. HIV incidence trend and HIV cases living				NC DHHS CD Branch
d. *Hepatitis C				* (In exploration)
4. Obesity				
a. Adult obesity prevalence trend				CDC
b. Adult BMI, calculated	x	x	x	WNC HI Survey
c. Child obesity prevalence trend				NC-PedNESS
5. Diabetes				
a. Diabetes prevalence trend				CDC
b. Diabetes diagnosis (including gestational diabetes)	x	x	x	WNC HI Survey
c. Diabetes/high blood sugar test: Have you had a test for high blood sugar or diabetes within the past three years?	x	x		WNC HI Survey
d. Prediabetes (including gestational diabetes)	x	x	x	WNC HI Survey
e. Managing diabetes: Are you currently taking action to help lower or control your high blood sugar, such as taking natural or conventional medicines or supplements, changing your diet, or exercising?	x	x		WNC HI Survey
6. Hypertension				

a. High blood pressure diagnosis history	x	x	x	WNC HI Survey
b. Managing high blood pressure: Are you currently taking any action to help control your high blood pressure, such as taking medication, changing your diet, or exercising?	x	x	x	WNC HI Survey
c. Time since last blood pressure test	x	x		WNC HI Survey
<b>7. Cholesterol</b>				
a. Time since last cholesterol test	x	x		WNC HI Survey
b. High cholesterol diagnosis history	x	x	x	WNC HI Survey
c. Managing cholesterol: Are you currently taking any action to help control your high cholesterol, such as taking medication, changing your diet, or exercising?	x	x	x	WNC HI Survey
<b>8. Other Chronic Conditions</b>				
a. History of COPD		x		WNC HI Survey
b. History of heart attack		x	x	WNC HI Survey
c. History of stroke		x	x	WNC HI Survey
d. History of asthma		x	x	WNC HI Survey
e. Current asthma status		x	x	WNC HI Survey
<b>III. HEALTH BEHAVIORS</b>				
<b>A. Physical activity</b>				
1. Leisure time physical activity estimate	x	x	x	WNC HI Survey
2. Physical activity meeting recommended levels (seven-question module to calculate meeting recommended levels)	x	x	x	WNC HI Survey
3. Vigorous physical activity	x	x		WNC HI Survey
4. Moderate physical activity	x	x		WNC HI Survey
5. Strengthening physical activity	x	x	x	WNC HI Survey
<b>B. Diet and Nutrition</b>				
1. Fruit consumption	x	x	x	WNC HI Survey
2. Vegetable consumption	x	x	x	WNC HI Survey
<b>C. Substance use/abuse</b>				
1. During the past 30 days, have you used an illegal drug or taken a prescription drug that was not prescribed to you?	x			WNC HI Survey
2. Use of prescription drugs not prescribed to you		x		WNC HI Survey

3. Gave prescription medication to anyone else		x		WNC HI Survey
4. To what degree has your life been negatively affected by your own or someone else's substance abuse issues, including alcohol, prescription, and other drugs?			x	WNC HI Survey
5. Prescription opiates taken in past year			x	WNC HI Survey
6. Alcohol use (four-question set to determine level of drinking, varies by sex)	x	x	x	WNC HI Survey
7. Smoking status	x	x	x	WNC HI Survey
8. Smokeless tobacco	x	x	x	WNC HI Survey
9. Electronic "vaping" product use		x	x	WNC HI Survey
10. Quitting tobacco: Where would you go if wanted to quit tobacco	x			WNC HI Survey
11. Hospital discharges due to med/drug poisoning for the region, by age and sex				NC IVPB
<b>D. Health information and education</b>				
1. Source of health care information: Where do you get most of your health care information?	x	x		WNC HI Survey
<b>IV. CLINICAL CARE PARAMETERS</b>				
<b>ACCESS TO CARE</b>				
<b>A. Medical care access</b>				
1. Active health professional ratios				UNC Sheps Center
2. Active health professionals by type				UNC Sheps Center
3. Access to medical care	x	x	x	WNC HI Survey
4. Reason did not get needed medical care	x	x	x	WNC HI Survey
5. Perception of healthcare: Considering cost, quality, number of options and availability, there is good health care in my county	x			WNC HI Survey
<b>B. Clinical-Community Connection</b>				
1. Clinical-Community Connections: Previously you had mentioned that you have suffered from or been diagnosed with (chronic condition[s]). Has any health provider ever helped you connect to a community resource such as classes or coaching to help you learn more about or manage (this/these) conditions?		x		WNC HI Survey
<b>C. Health care coverage</b>				
1. Health insurance coverage estimate				Census, SAHIE
2. Medicaid eligibles by program (number)				NC DMA
3. Medicaid eligibles, trend				NC DMA
4. Medicaid eligible, age 65 and over				NC DMA

5. Health insurance coverage	x	x	x	WNC HI Survey
<b>D. Health Screening Behavior</b>				
1. Time since last mammogram		x	x	WNC HI Survey
2. Time since last eye exam		x		WNC HI Survey
<b>HEALTHCARE UTILIZATION</b>				
<b>A. Medical home</b>				
1. One person as personal doctor/ health care provider: Do you have ONE person you think of as your personal doctor or health care provider?	x			WNC HI Survey
2. Is there a particular place that you usually go to if you are sick or need advice about your health? What kind of place is it?		x		WNC HI Survey
3. Primary care medical home: Do you have ONE place where you usually go if you are sick or need advice about your health? If yes, what type of place?		x	x	WNC HI Survey
4. Time since last visited a doctor for a routine checkup	x	x	x	WNC HI Survey
<b>B. Emergency department utilization</b>				
1. Numbers and rates of utilization				NC DETECT
2. Most common first-listed diagnosis codes in ED				NC DETECT
3. ED admissions due to medication/drug poisoning for the region, by age and sex (# and rate)				NC IVPB
<b>C. Hospital Utilization</b>				
1. Inpatient hospital utilization by principal diagnosis and county of residence				NC SCHS
2. Hospital discharges per 100,000 resident population by AHRQ PQI (ambulatory care sensitive conditions)				NC SCHS special request
3. Hospital discharges with primary diagnosis of asthma (all ages and ages 0-14)				NC SCHS
<b>D. Dental Services</b>				
1. Utilization of dental services by Medicaid population				NCSCHS, NC DMA
2. Time since last dental visit	x	x	x	WNC HI Survey
<b>E. Behavioral Health</b>				
1. Persons served in mental health programs (LMEs)				NC LINC
2. Persons served in NC state alcohol and drug treatment centers				NC LINC
3. Persons served in NC state psychiatric hospitals				NC LINC
4. Mental health status over past 30 days	x	x	x	WNC HI Survey
5. Social/emotional support: How often receiving support needed	x	x	x	WNC HI Survey

6. Access to mental health care/counseling: Was there a time in the past 12 months when you needed mental health care/counseling, but did not get it at that time?	x	x	x	WNC HI Survey
7. Reason did not receive mental health care/counseling: What is the MAIN reason you did not get mental health care or counseling?	x	x		WNC HI Survey
8. Satisfaction with life	x	x	x	WNC HI Survey
<b>F. Advanced Directives</b>				
1. Completion of Advanced Care Directives and status of having communicated plans to family and/or doctor.	x	x		WNC HI Survey
<b>G. Caregiving</b>				
1. Serving as a caregiver over past month	x	x		WNC HI Survey
2. If serving as caregiver: Age of person being served, major disability of the person being served, and major need of person being served	x			WNC HI Survey
<b>V. PHYSICAL ENVIRONMENT</b>				
<b>A. Air</b>				
1. Air Quality Index				EPA
2. Toxic Release Inventory (TRI)				EPA
3. Environmental tobacco smoke: During how many of the past 7 days, at your workplace, did you breathe the smoke from someone who was using tobacco?	x	x	x	WNC HI Survey
<b>B. Community Water Systems</b>				
1. Populations using community water systems				EPA SWIDS
2. NPDES Active Individual Permits				NC DENR
<b>C. Radon</b>				
1. Average indoor radon rate and comparison to state and/or national norm				NC DENR
<b>D. Solid Waste Disposal</b>				
1. Tonnage of solid waste disposed in country				NC DENR
2. Landfill capacity remaining				NC DENR
<b>E. Built Environment</b>				
1. Access to Farmer's Markets				USDA
2. Access and proximity to grocery stores				USDA
3. Access to and utilization of fast food restaurants; Fast food and restaurant expenditures dollars per capita				USDA
4. Access to recreational facilities				USDA

5. Food Security: How difficult is it for you to buy fresh produce like fruits and vegetables at a price you can afford?		x		WNC HI Survey
6. Food security screening (two-part question)			x	WNC HI Survey
7. Public opinion regarding importance of shared spaces for physical activity	x	x		WNC HI Survey
8. Public opinion regarding importance of access to trails, parks, and greenways	x			WNC HI Survey
9. Public opinion regarding importance of farmers' market access				
10. Public opinion regarding importance of tobacco-free parks and trails	x	x		WNC HI Survey
11. Public opinion regarding importance of tobacco-free colleges and universities	x			WNC HI Survey
12. Public opinion regarding importance of tobacco-free government buildings and grounds	x			WNC HI Survey
<b>VI. SOCIAL ENVIRONMENT / TRAUMA AND RESILIENCE</b>				
<b>Perception of Community</b>				
1. Neighborhood Improvements: What is one thing that needs the most improvement in your county?	x	x	x	WNC HI Survey
2. General County Quality of Life		x	x	WNC HI Survey
3. Perception of county as place to raise children	x			WNC HI Survey
4. Perception of county as place to grow old	x			WNC HI Survey
5. Perception of help available in county	x			WNC HI Survey
6. Negative impacts on quality of life in county	x			WNC HI Survey
7. Misc. issues in community: Other than what we've covered in this survey, what other health issue, if any, do you feel is a major problem in your community?			x	WNC HI Survey
<b>Adverse Childhood Experiences eleven-question <a href="#">BRFSS module</a></b>				
1. Before age 18: Household mental illness			x	WNC HI Survey
2. Before age 18: Household alcohol and substance abuse			x	WNC HI Survey
3. Before age 18: Incarcerated household member			x	WNC HI Survey
4. Before age 18: Parental separation or divorce			x	WNC HI Survey
5. Before age 18: Household intimate partner violence			x	WNC HI Survey
6. Before age 18: Experience of physical abuse			x	WNC HI Survey
7. Before age 18: Experience of emotional abuse			x	WNC HI Survey
8. Before age 18: Experience of sexual abuse, history and frequency			x	WNC HI Survey

<b>Source Glossary</b>	
Census SAHIE = US Census Bureau, Small Area Health Insurance Estimates	DHHS CD = Department of Health and Human Services, Communicable Disease Branch
DPI = Department of Public Instruction	DENR = NC Department of Environment and Natural Resources
EPA SWIDS = Environmental Protection Agency, Safe Drinking Water Information System	ESC = Employment Security Commission
HSRC = Highway Safety Research Center at the University of North Carolina at Chapel Hill	KIDS COUNT = KIDS COUNT Data Center, a Project of the Annie E. Casey Foundation
NC DETECT = NC Disease Event Tracking and Epidemiologic Collection Tool	NC DMA = NC Department of Medical Assistance
NC DOA = NC Department of Administration, Council on Women	NC DOC = Department of Commerce
NC DOJ = NC Department of Justice	NC DOR = NC Department of Revenue
NC IVPB = NC Injury & Violence Prevention Branch	NC SCHS = NC State Center for Health Statistics
NCES = National Center for Education Statistics	NCHA = North Carolina Hospital Association
NC-NPASS = NC Nutrition and Physical Activity Surveillance System	NCOSBM = NC Office of State and Budget Management
NCSBE = NC State Board of Elections	NHTSA = National Highway Traffic Safety Administration
RWJF = Robert Wood Johnson Foundation	SLAITS = National Survey for Children's Health
UHF = United Health Foundation	UNC Sheps Center = Cecil G. Sheps Center for Health Services Research, NC Health Professions Data System