

# *Indicator Report*



Wake County Human Services  
Information Network for Ongoing Resource Management (INFORM)  
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## INTRODUCTION

Assessing the health and well-being of the Wake County community is complex because of multiple influences that affect lives. These include socio-economic and environmental conditions and individual lifestyle and heredity factors. To better understand how these components affect our community and to inform decision making about community priorities, 36 measurable indicators were identified by members of INFORM, Wake County Human Services data management group. They were selected by examining:

- Demographics & Social Determinants of Health
- Wake County's Community Health Needs Assessment Priorities
- County Health Rankings
- Wake County Board of Commissioners Goals
- Wake County Human Services Board Priorities

This report provides integrated, overall population data in one place to monitor these key indicators for Wake County Human Services. The limitations are that they do not provide details into how sub-populations are affected differently than the general Wake County population. However, to gain insight into particular needs of specific populations and to identify and monitor health disparities, these indicator areas will be examined in more detail (e.g. by geography and other demographics such as age, race, and ethnicity) in future reports.

This report is divided into three sections:

- County Profile. Page 2 and 3 provides a “snapshot” of the socio-economic conditions to the Wake County community with national comparison data.
- Community Health. Pages 4 and 5 feature indicators that measure health outcomes and health factors.
- Physical Environment. Page 6 provides indicators that measure access to food, physical activity, and water and air pollution.

Both the Community Health and Physical Environment sections show either state or national benchmarks against which Wake County indicators can be compared. This first report provides the baseline data for these indicators so that changes can be tracked at least annually.

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## WAKE COUNTY SOCIO-ECONOMIC PROFILE

### POPULATION

Indicator	Measurement	Data (Time Frame)	National Comparison	Source
Growth	Annual numeric change (%) in natural increase and net migration [birth, death, migration]	2.5% (23,458) (as of July 1, 2012)	0.7% (2,326,224) (as of July 1, 2012)	US Census Bureau
Density	Population per square mile	1,140 (as of July 1, 2012)	89 (as of July 1, 2012)	US Census Bureau
Dependency	Percentage of total population under age 18 or 65 and over	37.4% (as of July 1, 2012)	43.2% (as of July 2012)	US Census Bureau
Poverty	% population at or below 100% poverty level	11.6% (2012 - American Community Survey [ACS] 1 year)	15.9% (2012– American Community Survey [ACS])	US Census Bureau

### ECONOMY

Median Household Income	Median household income	\$63,791 (2012 - ACS 1 year)	\$51,371 (2012– ACS 1 year)	US Census Bureau
Building Permits	Annual % change in new requests for building permits	27% (Jan-Sep 2012 - Jan-Sep 2013)	Not comparable	Wake County Revenue
Unemployment Rate	% population > 16 years of age unemployed	6.6% (as of August 2013)	7.3% (as of August, 2013)	NC Employment Security Commission (or US Census Bureau)

### EDUCATION

Attainment	% adults living in Wake County 25 years of age or older without a high school diploma or GED	8.1% (2012 - ACS 1 year)	8.1% (2012—ACS 1 year)	US Census Bureau
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# WAKE COUNTY SOCIO-ECONOMIC PROFILE

## HOUSING

Indicator	Measurement	Data (Time Frame)	National Comparison	Source
Occupancy	% of total households that are vacant housing units	6.2% (2012 -ACS 1 year)	12.4 % (2012—ACS 1 year)	US Census Bureau
Owner Occupancy	% of total households that are owner occupied	62.9% (2012 - ACS 1 year)	63.9% (2012—ACS 1 year)	US Census Bureau
Affordability	% of households that spend 30% or more of income on housing	29.7 % (2012 - ACS 1 year)	34.7% (2012—ACS 1 year)	US Census Bureau
Homelessness	Count of the homeless (as defined by HUD) at annual North Carolina Point-in-Time (PIT) count	1098 (on January 30, 2013)	610,042 US including territories, Puerto Rico and DC (during January 2013)	US Housing and Urban Development (HUD) Continuum of Care Homeless Populations and Subpopulations Report.

## TRANSPORTATION

Zero-Vehicle Household	% of households with no vehicle available	4.7% (2012 - ACS 1 year)	9.2% (2012—ACS 1 year)	US Census Bureau
Commuting Mode	% of residents age 16 and over commuting by transit, walking or bicycling	4.1% (2012 - ACS 1 year)	9.6% (2012—ACS 1 year)	US Census Bureau

## CRIME

County Violent Crime Rate	Rate of violent crime per population of 100,000	261.1 (2012)	386.9 (2012)	NC Department of Justice, Uniform Crime Reporting by County; FBI
Juvenile Crime Rate age 6-15	Delinquent rate per 1,000 age 6-15	13.41 (July 2011 -June 2012)	Not comparable	NC Department of Public Safety County Data Book
Child Abuse and Neglect (maltreatment)	Accepted reports of child maltreatment per 1,000 children in population	32.74 (July 2012 -June 2013)	45.8 (2011) NC data is not included	NC DHHS, Child Welfare Central Registry, US DHHS-Administration for Children and Families
Adult Abuse and Neglect	Total accepted adult protective services reports per 1,000 adults over age 18	.40 (July 2012 -June 2013)	Not comparable	NC DHHS, Adult Protective Services Registry

## WAKE COUNTY COMMUNITY HEALTH and BENCHMARKS

### HEALTH OUTCOMES

Indicator	Measurement	Data/ (Time Frame)	County Health Rankings National	NC Healthy 2020 Target	Other	Wake County Data Source
Premature Death	Years of potential life lost before age 75 per 100,000 population	4954 (2008-2010)	5317 (2008-2010)			County health Rankings (National Vital Statistics System)
Infant Mortality	Total Infant death rate (of a live born infant under one year of age) per 1,000 live births in Wake County	7.1 (2012)		6.3		NC State Center for Health Statistics
Cardiovascular disease	Cardiovascular disease mortality rate (age adjusted per 100,000 population)	134 (2008-2012)		161.5		NC State Center for Health Statistics
Diabetes	Percentage of adults with diabetes	5.2% (2010)		8.6%		NC State Center for Health Statistics
Colorectal Cancer	Colorectal cancer mortality rate - age-adjusted death rates per 100,000	11.5 (2008-2012)		10.1		NC State Center for Health Statistics

### HEALTH FACTORS

Access to Healthcare and Utilization	% of population under age 65 without health insurance	16% (2010)	11%			County Health Rankings
	Ratio of population to primary care physicians	1,240:1 (2011-2012)	1,067:1			County Health Rankings
	Ratio of population to dentists	1,597:1 (2011-2012)	1,516:1			County Health Rankings

# WAKE COUNTY COMMUNITY HEALTH and BENCHMARKS

## HEALTH FACTORS

Indicator	Measurement	Data/ (Time Frame)	County Health Rankings National Benchmark*	NC Healthy 2020 Target	Other	Wake County Data Source
Obesity	% of adults (20 years or older) that report a BMI >= 30	26% (2009)	25%			County Health Rankings
Teen Pregnancy Birth Rate	Teen birth rate per 1,000 female population, ages 15-19	28 (2004-2010)	21			County Health Rankings
Mental Health	% mental health related visits to Emergency Departments in Wake County	9.1% (2012)	No benchmark			NC DETECT
Substance Abuse	% binge drinking (males having five or more drinks on one occasion OR females having four or more drinks on one occasion) plus heavy drinking among Wake County residents	15% (2005-2011)	7%			County Health Rankings & BRFSS
Chlamydia Rates	Chlamydia rate per 100,000 Wake County population	502 (2010) 498.8 (2012)	92 (2010)			County Health Rankings & NCEDSS
Adult Smoking	Percent of adults that report smoking >= 100 cigarettes during their lifetime and currently smoking	14% (2005-2011)	13%			County Health Rankings & BRFSS
Vaccine Preventable Diseases	% children 24 months (birthdate October 2, 2009 through October 1, 2010 at time of assessment) who receive the recommended vaccines [Dtap (4), Hepatitis B (3), HIB (3), Polio (3), Pneumococcal (4) MMR (1) and Varicella	67%			NC Immunization Program Target 71% (July 2012- June 2013)	National Immunization Registry

\* 90th percentile, i.e., only 10% are better.

Total number of indicators = 15

## WAKE COUNTY PHYSICAL ENVIRONMENT AND BENCHMARKS

Indicator	Measurement	Data (Time Frame)	County Health Rankings National Benchmark*	NC Healthy 2020 Target	Data Source
Access to food: low income	% of population who are low-income and do not live close to a grocery store establishment	4% (2012)	1%		County Health Rankings
Access to food: # fast food restaurants	% of all restaurants that are fast-food establishments	51% (2010)	27%		County Health Rankings
Physical activity	% of adults aged 20 and over reporting no leisure time physical activity	18% (2009)	21%		County Health Rankings
Drinking water safety	% of population exposed to water exceeding a violation limit during the past year	0% (2012)	0%		County Health Rankings
Daily fine particulate rate	The average daily measure of fine particulate matter in micrograms per cubic meter (PM 2.5) in a county	12.6 (2008)	8.8		County Health Ranking

\* 90th percentile, i.e., only 10% are better.

Total number of indicators = 5

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