

2010
Harnett County
Community Health
Assessment

Two Contributing Viewpoints

Secondary Data	Citizen Opinion and Data
<ul style="list-style-type: none">-Demographic-Socioeconomic-Health-Environmental	Community Survey (n=210)

Definitions and Symbols

- **Arrows**

- Arrow up (▲) indicates an increase; two arrows indicates a doubling; three arrows a tripling, etc.
- Arrow down (▼) indicates a decrease; two arrows indicates a halving; three arrows a reduction to one-third, etc.

- **Color**

- **Red** indicates a “worse than” or negative difference
- **Green** indicates a “better than” or positive difference
- **Blue** indicates a likely unstable rate or difference based on a small number of events; figures in blue should be used with great caution.

We Take Special Notice When...

- Harnett County statistics deviate from North Carolina (or peer county) statistics.
- Trend data show significant changes over time.
- There are significant age, gender, or racial disparities.

Demographic Data

General Population Characteristics

- Harnett County population is gender-balanced.
- Median age of the Harnett County population **increased** by 2.4 years since 2000, while the NC median age increased by 1.9 years over the same period.

2010 Population Estimates

Location	Total Population	Number Males	Median Age Males	Number Females	Median Age Females	Median Age Overall
Harnett	116,118	56,984	33.9	59,134	35.8	34.9
Onslow	181,749	98,582	23.4	83,167	29.2	25.0
State of NC	9,519,300	4,671,902	35.8	4,847,398	38.6	37.2

Projected Population Growth

- Harnett County population will continue to grow but rate of growth will decrease.
- Harnett County population growth rate will exceed the state growth rate by ~30% through 2030.
- Harnett County population is projected to be more than 158,000 by 2030.

Location	Number of Persons and Percent Change					
	2010 (Estimate)	% Change 2000-2010	2020 (Projection)	% Change 2010-2020	2030 (Projection)	% Change 2020-2030
Harnett	112,513	23.5	135,239	20.2	158,751	17.4
Onslow	174,731	16.2	183,501	5.0	189,191	3.1
State of NC	9,502,904	18.1	10,966,956	15.4	12,465,481	13.7

Population Diversity

- Predominant minority group in Harnett County is African-American.
- In 2009 the Harnett County Hispanic/Latino population (which may be of any race) was estimated as 9.1% of total county population. (Hispanics were estimated as 7.7% of the population statewide.)

2010 Population Estimates

Location	Total Population	White	Non-White	Black/ Af Amer	Amer Indian	Asian	≥2 Races
Harnett	116,118	74.1%	25.9%	22.2%	0.9%	1.3%	1.6%
Onslow	181,749	77.2%	22.8%	16.9%	0.7%	2.2%	3.0%
State of NC	9,519,300	73.7%	26.3%	21.6%	1.3%	2.1%	1.3%

Population Age Distribution

Age Group	Age Group as a Percent of Total Population			
	2000 (Census)		2010 (Estimate)	
	Harnett	State of NC	Harnett	State of NC
0-4 Years	7.6	6.7	7.0	6.8
5-19	22.3	21.5	21.4	19.8
20-24	7.7	7.2	7.9	7.3
25-34	16.6	15.1	13.8	13.0
35-44	15.5	16.0	15.6	14.6
45-54	12.0	13.5	13.8	14.3
55-64	8.0	9.0	9.9	11.5
65 and Over	10.4	12.0	10.5	12.9

Socioeconomic Data

Income

In Harnett County in 2009 [and change since 2003]:

- Per Capita Personal Income = \$19,968 [▼12.6%]
– \$6,021 **below** NC average
- Median Household Income = \$47,561 [▲33.3%]
– \$3,857 **below** NC average
- Median Family Income = \$53,040
– \$7,394 NC **below** NC average

Poverty

- The overall poverty rate in Harnett County has been higher than the comparable NC and peer county rates since the 1970 Census.
- The overall Harnett County poverty rate increased by 19% between 2000 and 2009.

Location	Percent of All People in Poverty				
	1970	1980	1990	2000	2009
Harnett County	25.7	19.3	17.5	14.9	17.7
Onslow County	21.7	17.0	12.1	12.9	13.4
State of NC	20.3	14.8	13.0	12.3	16.3

Children and Families

In Harnett County:

- Population under 18 years of age:
 - 25.0% of total population; n=29,149 (2010 Est.)
- Percentage of all households that are headed by a single-parent *and* have children under the age of 18 (2010 Est.):
 - Headed by a female = 10.3% [▼ 12% since 2000]
 - Headed by a male = 6.1% [▲ 74% since 2000]

Education

- Compared to the NC average, Harnett County has:
 - **3%** *lower* percentage of high school graduates (2008-09)
 - **38%** *lower* percentage of college graduates (2008-09)
 - **3%** *lower* HS drop-out rate (SY2008-09)
 - **5%** *lower* average SAT score (SY2008-09)
 - **lower** proficiency among 3rd graders on EOG math and reading tests (SY2008-09)
 - **lower** proficiency among 8th graders on EOG math and reading tests (SY2008-09)
 - **12%** *lower* total per pupil expenditure (SY2008-09)

School Enrollment

- School enrollment has been relatively stable even as the county population has grown

Location	Number of Students				
	SY2004-05	SY2005-06	SY2006-07	SY2007-08	SY2008-09
Harnett County	17,892	18,274	18,875	19,203	19,003
Onslow County	23,736	24,261	23,346	24,980	23,964
State of NC	1,421,335	1,456,895	1,481,981	1,491,142	1,460,868

School Crime and Violence

School-based Crime and Violence, All Grades

Location	SY2004-05		SY2005-06		SY2006-07		SY2007-08		SY2008-09	
	No. Acts ¹	Rate ²	No. Acts	Rate	No. Acts	Rate	No. Acts	Rate	No. Acts	Rate
Harnett County	114	6.8	119	6.9	89	5.0	67	13.0	110	20.8
Onslow County	141	6.5	182	8.1	107	4.7	69	10.7	116	5.0
State of NC	10,107	7.5	10,959	7.9	11,013	7.8	11,276	7.9	11,116	7.6

School Disciplinary Activity

Location	SY2006-07			SY2007-08			SY2008-09		
	No. Short-Term Suspensions	No. Long-Term Suspensions	No. Expulsions	No. Short-Term Suspensions	No. Long-Term Suspensions	No. Expulsions	No. Short-Term Suspensions	No. Long-Term Suspensions	No. Expulsions
Harnett County	3,179	16	0	2,638	9	0	2,566	21	0
Onslow County	5,696	6	0	2,941	8	0	2,605	3	1
State of NC	310,794	4,682	102	308,010	5,225	116	293,453	3,592	116

Community Crime

- Compared to the NC average, Harnett County had a **lower** rate (-26%) for **property** crime in 2009.
 - The most common property crime in Harnett County in 2009 was *larceny* (theft of property without the use of force).
- Compared to the NC average, Harnett County had a **lower** rate (-32%) for **violent** crime in 2009.
 - The most common violent crime in Harnett County in 2008 was *aggravated assault* (purposeful use of force, often involving a weapon, to inflict bodily harm).
- **Index** crime in Harnett County decreased by 3.2% between 2007 and 2008, and by 23.5% between 2008 and 2009.

Community Crime

- Of 12,638 **registered sex offenders** in NC in 2009, **161** lived in Harnett County.
- **84 clandestine methamphetamine lab busts** have taken place in Harnett County since 2005 (including 35 in 2008 and 8 in 2009)
- As of 2008 there were **between 20 and 29 gangs** reported in Hartnett County

Sexual Assault

- In FY2008-09, individuals in Harnett County filed a total of **30 sexual assault complaints**
 - 6 complaints (20%) were for child sexual assault
 - 5 complaints (17%) were for marital rape
 - 4 complaints (13%) were for adult rape.
- Offenders in the 30 sexual assault complaints:
 - 14 complaints (47%) offender was a relative
 - 6 complaints (20%) offender was an acquaintance
 - 5 complaints (17%) offender was a boy/girlfriend
 - 4 complaints (13%) offender was a stranger.

Juvenile Crime

- Between 2008 and 2009 the *number* of complaints of **undisciplined** youth (ages 6-17) in Harnett County ▲ 49%, and the *rate* ▲ 49%.




Undisciplined refers to disobedience beyond disciplinary control of parent/guardian (e.g., truancy, vagrancy, running away from home for more than 24 hours).

- Over the same period the *number* of complaints of **delinquent** youth in the county ▲ 31%, and the *rate* ▲ 31%.

Delinquency refers to acts committed by youths that would be crimes if committed by an adult.

*Health Care and
Health Promotion
Resources*

Health Insurance

- Harnett County population *without* health insurance, 2009 [and local change since 2004]:
 - Overall = **20.3%** (NC=19.7%) [ 1.9%]
 - Under age 18 = **12.0%** (NC=11.5%) [ 6.2%]
 - Age 18-64 = **24.2%** (NC=23.2%) [ 0.8%]
- The proportion of the Harnett County population eligible for Medicaid was the same in 2008 as in 2004 (20.18%), while the proportion eligible statewide increased 6% over the same interval.

Health Statistics

Health Rankings

- According to *America's Health Rankings* (2009)
 - NC ranked 37th overall out of 50 (where 1 is “best”)
- According to *MATCH NC County Health Rankings* (2010) Harnett County ranked:
 - 43rd out of 100 (where 1 is “best”) in mortality
 - 27th in morbidity
 - 59th in health behaviors
 - 95th in clinical care
 - 48th in social and economic factors
 - 42nd in physical environment

Pregnancy

2005-2009 Rates and [Harnett Change since 2000-2004]

- **Women Age 15-44**
 - Overall = **78.6** (NC=78.9) [**▲**0.7%]
 - White = **79.5** (NC=74.0) [**▲**3.0%]
 - Minority = **74.0** (NC=85.4) [**▲**4.1%]
- **Women Age 15-19 and [change since 2004]**
 - Overall = **55.9** (NC=56.0) [**▼**11.4%]
 - White = **50.9** (NC=45.4) [**▼**9.9%]
 - Minority = **65.2** (NC=74.3) [**▼**17.2%]
- **There were 5 pregnancies among Harnett County adolescents (age 10-14) in 2009.**

Pregnancy Risk Factors

2005-2009 Rates and [Harnett Change since 2000-2004]


- **High Parity Births**

- Harnett County <30 = **18.9%** (NC=17.9%) [ 10.0%]
- Harnett County ≥30 = **22.6%** (NC=20.4%) [ 18.3%]

- **Short Interval Births**

- Harnett County Overall = **12.6%** (NC=12.9%) [ 18.9%]

- **Percent of Births to Moms Who Received Prenatal Care in the First Trimester**

- Harnett County Overall = **78.1%** (NC=82.1%) [ 1.8%]

- **Percent of Births to Moms Who Smoked During Pregnancy**

- Harnett County Overall = **13.1%** (NC=11.0%) [ 16.0%]

Pregnancy Outcomes

2005-2009 Rates and [Harnett Change since 2000-2004]

- **Low Birth Weight Births (<5.5 pounds)**
 - Harnett County Overall = **8.8%** (NC=9.1%) [**▲35.4%**]
 - Harnett County Blacks = **15.6%** (NC=14.4%) [**▲16.4%**]
- **Very Low Birth Weight (<3.3 pounds)**
 - Harnett County Overall = **2.0%** (NC=1.8%) [**▲17.6%**]
 - Harnett County Blacks = **3.9%** (NC=3.5%) [**▲11.4%**]
- **Primary Caesarian Section Deliveries**
 - Harnett County Overall = **24.3%** (NC=18.3%) [**▲29.3%**]
- **Infant Mortality Rate (per 1,000 live births)**
 - Harnett County Overall = **9.2** (NC=8.3) [**▲15.0%**]
 - Harnett County Whites = **6.0** (NC=6.0) [**▲13.2%**]
 - Harnett County Minorities = **19.6** (NC=14.0) [**▲21.7%**]

Leading Causes of Death

Overall Age-Adjusted Rates (2005-2009)	No. of Deaths	Harnett Mortality Rate	% Rate Difference from NC
1. Diseases of the Heart	935	223.1	+16.4
2. Cancer	885	196.7	+6.0
3. Chronic Lower Respiratory Disease	249	59.5	+26.6
4. Cerebrovascular Disease	214	52.0	+3.0
5. Unintentional Non-Motor Vehicle Injury	132	27.5	- 3.8
6. Alzheimer's Disease	102	27.0	- 5.0
7. Diabetes Mellitus	113	26.6	+12.7
8. Nephritis, Nephrotic Syndrome, Nephrosis	102	24.8	+32.6
9. Unintentional Motor Vehicle Injury	126	23.9	+35.8
10. Septicemia	75	17.3	+25.4
11. Pneumonia and Influenza	56	14.1	- 27.3
12. Chronic Liver Disease and Cirrhosis	48	10.2	+12.1
13. Suicide	46	8.6	- 28.3
14. Homicide	29	5.2	- 25.7
15. AIDS	19	n/a	n/a

Leading Causes of Death: By Age

Age Group	Rank	Cause of Death in Harnett County (2005-2009)
00-19	1	Perinatal conditions
	2	Motor vehicle injuries
	3	Congenital abnormalities
20-39	1	Motor vehicle injuries
	2	Non-motor vehicle injuries
	3	Cancer (all sites)
40-64	1	Cancer (all sites)
	2	Diseases of the heart
	3	Chronic lower respiratory disease
65-84	1	Cancer (all sites)
	2	Diseases of the heart
	3	Chronic lower respiratory disease
85+	1	Diseases of the heart
	2	Cancer (all sites)
	3	Cerebrovascular disease

Childhood Obesity

According to 2009 NC Nutrition and Physical Activity Surveillance System (NC-NPASS) data [and local change since 2005]:

- Proportions of *obese* children in Harnett County are:
 - 2-4 year olds = **15.6%** (NC = 15.4%) [**▲**29%]
 - 5-11 year olds = **23.8%** (NC = 25.8%) [**▼**17%]
 - 12-18 year olds = **29.2%** (NC = 28.0%) [**▲**32%]
- Proportions of *overweight* children in Harnett County are:
 - 2-4 year olds = **15.1%** (NC = 15.8%) [**▼**1%]
 - 5-11 year olds = **22.0%** (NC = 17.1%) [**▲**49%]
 - 12-18 year olds = **20.1%** (NC = 18.1%) [**▼**2%]

Community Health Survey

Survey Demographics Comparison

Demographic Parameter	%, 2010 Survey (n=210)	%, 2006 Survey (n=726)
AGE		
Under 25	10.4	13.0
25-64	60.4	69.0
65 and Over	29.0	19.0
RACE		
White	66.2	59.1
Black	23.8	29.1
Hispanic	7.1	4.9
EDUCATION		
High School or Less	48.6	37.4
College or Graduate Degree	14.2	20.0
EMPLOYMENT STATUS		
Employed full-time or part-time	31.6	63.2
Unemployed	14.21	9.6
Retired	28.8	15.3
Disabled	10.4	5.6
Homemaker	11.8	6.1

2010 Community Survey

Participants

210 Respondents

- **Demographic Profile**

- 44% were age 55 or older
- 64% were female
- 24% were Black, 7% were Hispanic
- 14% with less than high school or GED
- 14% with Bachelors degree or higher
- 14% were unemployed
- 29% were retired
- 31% had household income less than \$20,000
- 10% had household income of \$75,000 or more

Community Issues in Harnett County

- Items in the table are listed in descending order of notation as “major problem”
- Note: 2010 sample size =210; 2006 sample size =726

Rank	2010 Survey	2006 Survey
1	Unemployment/underemployment (36.0%)	Shortage of cultural programs (33.9%)
2	Lack of public transportation (24.6%)	Shortage of rec programs/facilities (33.8%)
3	Crime (21.7%)	Lack of public transportation (30.3%)
4	Shortage of rec programs/facilities (18.5%)	Lack of after school/youth programs (29.2%)
5	Shortage of cultural programs (17.1%)	Unemployment/underemployment (29.0%)

Social Issues in Harnett County

- Items in the table are listed in descending order of notation as “major problem”
- Note: 2010 sample size =210; 2006 sample size =726

Rank	2010 Survey	2006 Survey
1	Difficulty earning a living/poverty (30.5%)	Difficulty earning a living/poverty (31.5%)
2	Lack of appropriate parenting skills (25.5%)	Gangs/gang violence (30.1%)
3	Juvenile delinquency (23.6%)	Juvenile delinquency (27.2%)
4	Lack of money/life management skills (20.0%)	Domestic violence/abuse (25.5%)
5	Isolation/loneliness among elderly (19.5%)	Lack of appropriate parenting skills (25.0%)

Unhealthy Behaviors in Harnett County

- Items in the table are listed in descending order of notation as “major problem”
- Note: 2010 sample size =210; 2006 sample size =726

Rank	2010 Survey	2006 Survey
1	Use of illegal drugs/substance abuse (41.0%)	Use of illegal drugs/substance abuse (45.1%)
2	Tobacco use (36.5%)	Teen pregnancy (33.7%)
3	Overweight/obesity (33.8%)	Unsafe sexual practices (36.3%)
4	Drinking and driving (31.9%)	Drinking and driving (36.0%)
5	Reckless/careless driving (29.8%)	Tobacco use (35/7%)

Health Care Choices

- Sources of health information

Source	2010 Survey		2006 Survey	
	Rank	%	Rank	%
Doctor/Nurse/Pharmacist	1	57.1	1	61.9
Newspaper/Magazine/TV	2	25.5	4	29.8
Internet	3	18.4	3	20.4
Friends/Family	4	10.8	2	19.5
Hospital	5	6.1	5	8.0
School	6	3.3	6	4.7
Health Department	7	2.8	8	3.7
Church	8	0.9	7	2.6

Health Care Choices

- Sources of health care

Source	2010 Survey		2006 Survey	
	Rank	%	Rank	%
Doctor's office	1	67.5	1	80.3
Health Department	2	9.4	5	2.6
Hospital ER	3	9.0	2	8.3
VA	4	4.7	6	2.0
Urgent Care Center	5	3.8	3	3.1
Rural/Community Health Center	6	2.8	7	0.9
Drug Store/Pharmacy	7	1.9	4	2.7

Health Insurance

- Sources of health care coverage (respondents could choose more than one answer)

Source	2010 Survey		2006 Survey	
	Rank	%	Rank	%
Private Insurance	1	39.6	1	59.8
Medicare	2	29.7	2	19.0
Medicaid	3	17.0	3	12.1
None/uninsured	4	15.6	4	11.7
Other/Tricare	5	9.4	n/a	n/a
VA Benefits	5	9.4	5	5.2

Physical Activity

Respondents who exercise

- 68% of respondents (n=143) reported engaging in 30-minutes of “exercise activity” in the past 30 days
 - 28% of the 143 reported being active 30 or more times in 30 days
 - 30% of the 143 reported being active between 1 and 10 times in 30 days
- Physically active respondents reported utilizing a variety of exercise venues
 - 45% exercise at home
 - 7% exercise at Harnett County Parks
 - 5% patronize private gyms
 - 1% patronize a public swimming pool

Physical Activity

Respondents who do *not* exercise

- Reasons for not exercising include:
 - Don't see a need to exercise (71%)
 - Physically disabled (11%)
 - Don't have enough time (6%)
 - Too tired to exercise (4%)
 - Don't like to exercise (3%)

Nutrition

- **Consumption of fruit per day**
 - None: 12%
 - 1 to 2 servings: 64%
 - 3 to 4 servings: 21%
 - More than 4 servings: 3%
- **Consumption of vegetables per day**
 - None: 5%
 - 1 to 2 servings: 67%
 - 3 to 4 servings: 24%
 - More than 4 servings: 4%

For more information

Harnett County Department of Public Health

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