

***2013***  
***Harnett County***  
***Community Health***  
***Assessment***

**Report to the Harnett County Board of Health**  
**November 2013**

# *Two Contributing Viewpoints*

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

# *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.

## 2012 Population Estimates

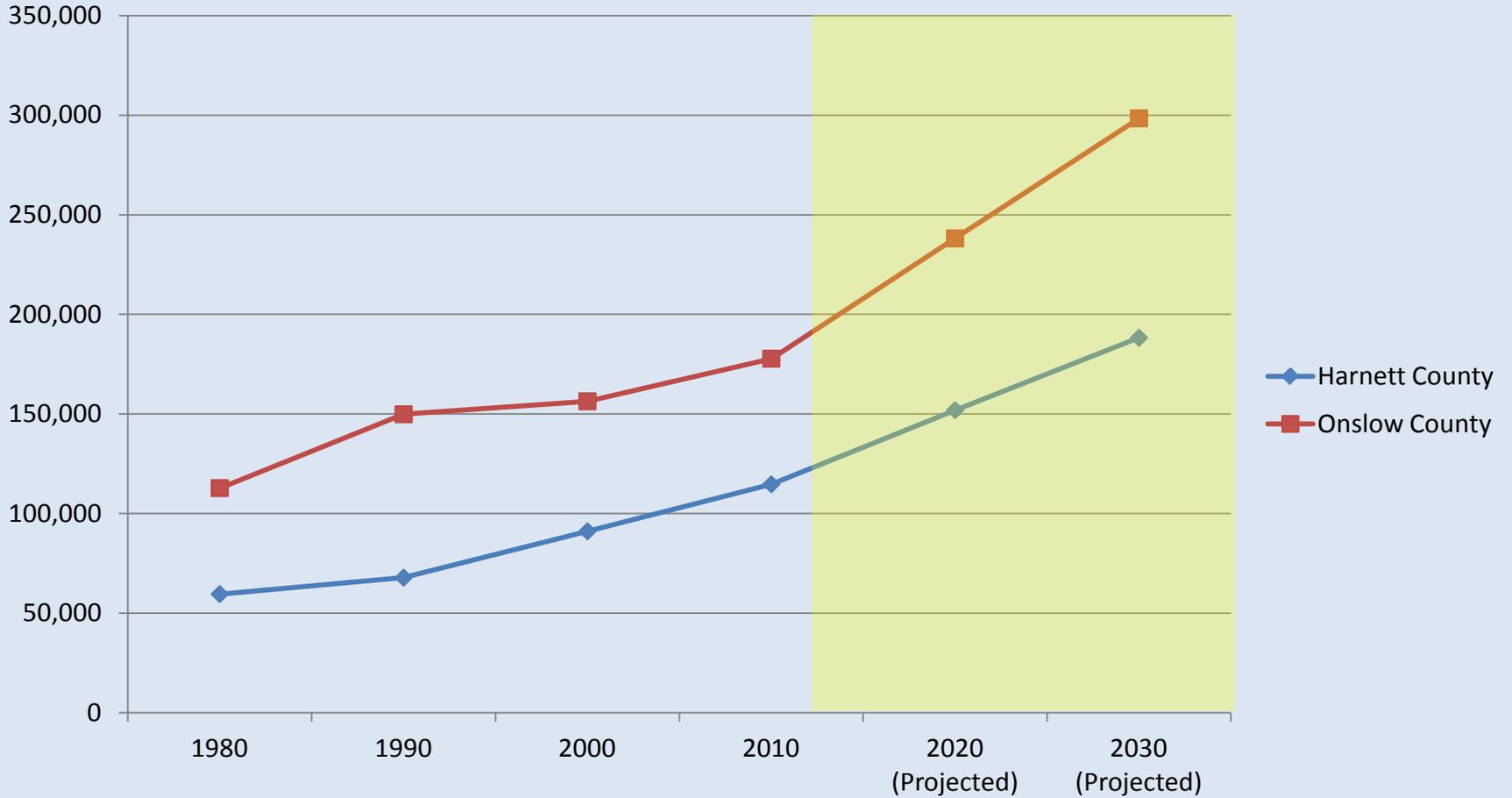
Location	Total Pop.	Number Males	Median Age Males	Number Females	Median Age Females	Median Age Overall
Harnett County	120,900	59,386	33.00	61,514	34.60	33.82
Onslow County	190,187	101,360	24.74	88,827	28.38	26.14
State of NC	9,765,229	4,753,345	36.38	5,011,884	39.14	37.80

# *Projected Population Growth*

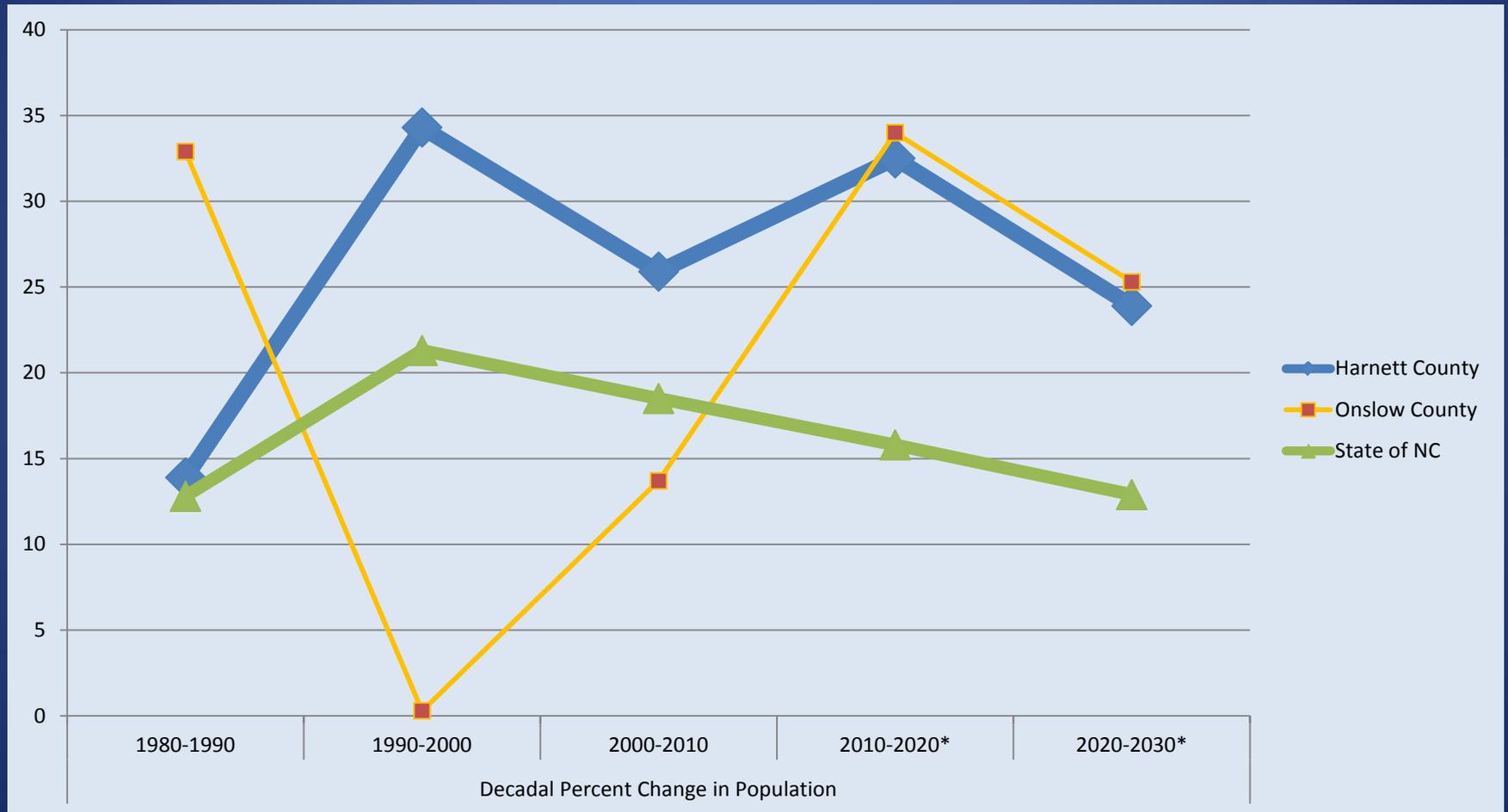
- Harnett County population will continue to grow but rate of growth will decrease.
- Harnett County population growth rate will exceed the state growth rate by ~30% through 2030.
- Harnett County population is projected to be more than 158,000 by 2030.

	1980	1990	2000	2010	2020 (Projected)	2030 (Projected)
Harnett County	59,570	67,833	91,085	114,678	151,914	188,251
Onslow County	112,784	149,838	156,355	177,772	238,164	298,420
State of NC	5,880,095	6,632,448	8,046,813	9,535,483	11,039,342	12,463,244

# *Projected Population Growth*



# *Projected Population Growth*



# Population Diversity

- Predominant minority group in Harnett County is African-American.
- In 2012, 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.)

## 2012 Population by Race

County	White		American Indian/Alaska Native		Asian/Pacific Islander		Black/African-American		Two or More Races		Total
	Population	%	Population	%	Population	%	Population	%	Population	%	
Harnett County	87834	72.7%	2412	2.0%	1415	1.2%	25354	21.0%	3885	3.2%	120900
Onslow County	147206	77.4%	1462	0.8%	4539	2.4%	29302	15.4%	7678	4.0%	190187
State of NC	7018600	71.9%	156953	1.6%	246978	2.5%	2145803	22.0%	196895	2.0%	9765229

# Population Age Distribution

Age Group	Age Group as a Percent of Total Population			
	2000 (Census)		2012	
	Harnett	State of NC	Harnett	State of NC
0-4 Years	7.6%	6.7%	7.6%	6.3%
5-19	22.3%	21.5%	22.9%	20.0%
20-24	7.7%	7.2%	7.0%	7.0%
25-34	16.6%	15.1%	14.1%	13.1%
35-44	15.5%	16.0%	14.1%	13.5%
45-54	12.0%	13.5%	12.8%	14.0%
55-64	8.0%	9.0%	5.5%	6.5%
65 and Over	10.4%	12.0%	4.8%	5.8%

# *Socioeconomic Data*

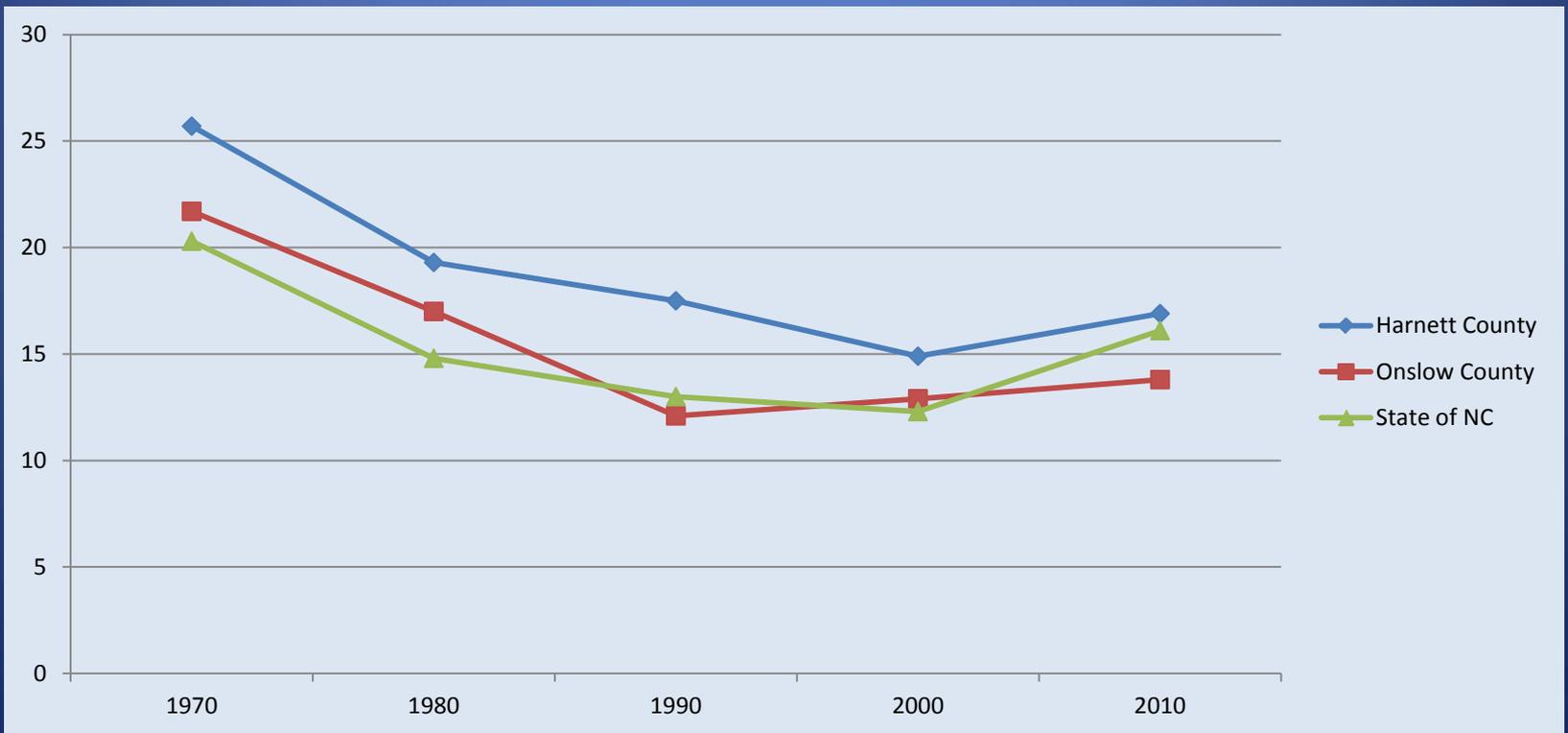
# *Income*

## In Harnett County

- Per Capita Personal Income = \$19,749  
\$5,507 **below** NC average
- Median Household Income = \$42,965  
\$3,326 **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 13% between 2000 and 2010.



# *Children and Families*

## In Harnett County:

- Population under 18 years of age:
  - 27.6% of total population; n=31,006 (2010)
- 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 = 9.1%
  - Headed by a male = 2.8%

# *Education*

- Compared to the NC average, Harnett County has:
  - **3%** *lower* percentage of high school graduates (2011)
  - **36%** *lower* percentage of college graduates (2011)
  - **37%** *higher* HS drop-out rate (SY2011-12)
  - **5%** *lower* average SAT score (2012)
  - **lower** proficiency among 3<sup>rd</sup> graders on EOG math and reading tests (2011)
  - **lower** proficiency among 8<sup>th</sup> graders on EOG math and reading tests (2011)
  - **7%** *lower* total per pupil expenditure (2011)

# *School Enrollment*

- School enrollment has grown **16%** since **SY2004-05**

Number of Students									
Location	SY 2004-05	SY 2005-06	SY 2006-07	SY 2007-08	SY 2008-09	SY 2009-10	SY 2010-11	SY 2011-12	SY 2012-13
Harnett County	16,783	17,310	17,912	18,291	18,682	18,951	19,211	19,378	20,065
Onslow County	21,947	22,593	22,787	23,2237	23,361	23,493	23,365	24,161	24,657
State of NC	1,356,405	1,390,168	1,417,426	1,436,562	1,445,628	1,440,212	1,451,133	1,462,134	1,476,257

# School Crime and Violence

## School-based Crime and Violence, All Grades

Location	SY 2007-08		SY 2008-09		SY 2009-10		SY 2010-11		SY 2011-12	
	No. Acts	Rate								
Harnett County	105	5.74%	110	20.76%	74	13.73%	129	23.20%	125	22.31%
Onslow County	125	5.38%	82	12.88%	88	13.62%	69	10.93%	63	9.79%
State of NC	6,418	15.57%	6,428	15.70%	6,524	15.89%	6,132	14.60%	5,980	14.15%

## School Disciplinary Activity

Location	SY 2009-10	SY 2009-10	SY 2009-10	SY 2011-12	SY 2011-12	SY 2011-12
	No. Short-Term Suspensions	No. Long-Term Suspensions	No. Expulsions	No. Short-Term Suspensions	No. Long-Term Suspensions	No. Expulsions
Harnett County	3,323	5	0	3,310	5	1
Onslow County	2,629	3	0	2,339	2	1
State of NC	277,206	3,368	88	258,197	1,609	30

# *Community Crime*

- Compared to the NC average, Harnett County had a **lower** rate (-19%) for **property** crime in 2011.
  - The most common property crime in Harnett County in 2011 was *larceny* (theft of property without the use of force).
- Compared to the NC average, Harnett County had a **lower** rate (-12%) for **violent** crime in 2011.
  - The most common violent crime in Harnett County in 2011 was *aggravated assault* (purposeful use of force, often involving a weapon, to inflict bodily harm).
- **Index** crime in Harnett County decreased by 22.5% between 2007 and 2011.

# *Community Crime*

- Of 14,891 **registered sex offenders** in NC in 2013, **161** lived in Harnett County.
- **77 clandestine methamphetamine lab busts** have taken place in Harnett County since 2008 (including 10 in 2011 and 2012)
- As of 2012 there were **38 gangs** reported in Harnett County

# *Sexual Assault*

- In FY2010-11, individuals in Harnett County filed a total of **49 sexual assault complaints**
  - 7 complaints (14%) were for child sexual assault
  - 18 complaints (37%) were for marital rape
  - 10 complaints (20%) were for date rape
  - 3 complaints (6%) were for adult rape.
- Offenders in the **49 sexual assault** complaints:
  - 22 complaints (45%) offender was a relative
  - 14 complaints (29%) offender was an acquaintance
  - 13 complaints (26.5%) offender was a boy/girlfriend
  - 0 complaints (0%) offender was a stranger.

# *Juvenile Crime*

- Between 2010 and 2011 the *number* of complaints of **undisciplined** youth (ages 6-17) in Harnett County ▼ 36%, and the *rate* ▼ 16%.

**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 ▲ 15%, and the *rate* only ▲ 1%.

**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, 2010-11 [and local change since 2004]:
  - Overall = **19.1%** [ 7.8%]
  - Under age 18 = **8.5%** [ 33.6%]
  - Age 18-64 = **24.3%** [ 1.3%]

# *Health Statistics*

# *Health Rankings*

- According to *America's Health Rankings* (2012)
  - NC ranked 33<sup>rd</sup> overall out of 50 (where 1 is “best”)
- According to *MATCH NC County Health Rankings* (2012) Harnett County ranked:
  - 65<sup>th</sup> out of 100 (where 1 is “best”) in mortality
  - 39<sup>th</sup> in morbidity
  - 81<sup>st</sup> in health behaviors
  - 91<sup>st</sup> in clinical care
  - 52<sup>nd</sup> in social and economic factors
  - 63<sup>rd</sup> in physical environment

# Leading Causes of Death

Cause of Death	Harnett County		% Rate Difference (NC)
	Number	Rate	
1. Diseases of the Heart	930	208.3	16%
2. Cancer – All sites	894	185.9	3%
3. Chronic Lower Respiratory Diseases	244	54.5	17%
4. Cerebrovascular Diseases	216	49.3	7%
5. Unintentional Non-Motor Vehicle Injury	138	28.1	-4%
6. Alzheimer’s Disease	109	27.3	-6%
7. Diabetes Mellitus	111	24.2	10%
8. Nephritis, Nephrotic Syndrome, Nephrosis	97	22.2	19%
9. Motor Vehicle Injury	117	21.5	39%
10. Septicemia	78	17.1	26%
11. Pneumonia and Influenza	48	10.7	-40%
12. Chronic Liver Disease and Cirrhosis	54	10.5	13%
13. Suicide	57	10	-17%
14. Homicide	43	7.5	19%
15. Human Immunodeficiency Virus Disease	20	3.6	3%
Total deaths (All Causes – Some causes not listed above)	4,056	879	9%

# *Leading Causes of Death: By Age*

Age Group	Rank	Cause of Death
0-19	1	Perinatal conditions
	2	Motor vehicle injuries
	3	Other unintentional injuries
20-39	1	Motor vehicle injuries
	2	Other unintentional injuries
	3	Cancer – All sites
40-64	1	Cancer – All sites
	2	Diseases of the heart
	3	Chronic lower respiratory diseases
65-84	1	Cancer – All sites
	2	Diseases of the heart
	3	Chronic lower respiratory diseases
85+	1	Diseases of the heart
	2	Cancer – All sites
	3	Cerebrovascular disease

# *Community Health Survey*

# Survey Demographics Comparison

Demographic Parameter	%, 2013 Survey (n=874)	%, 2010 Survey (n=210)	%, 2006 Survey (n=726)
<b>AGE</b>			
Under 25	6.4	10.4	13.0
25-64	75.4	60.4	69.0
65 and Over	18.2	29.0	19.0
<b>RACE</b>			
White	73.2	66.2	59.1
Black	21.7	23.8	29.1
Hispanic	3.7	7.1	4.9
<b>EDUCATION</b>			
High School or Less	23.5	48.6	37.4
College or Graduate Degree	31.1	14.2	20.0
<b>EMPLOYMENT STATUS</b>			
Employed full-time or part-time	72.4	31.6	63.2
Unemployed	4.7	14.21	9.6
Retired	17.2	28.8	15.3
Disabled	2.4	10.4	5.6
Homemaker	4.3	11.8	6.1

# *2013 Community Survey Participants*

## *874 Respondents*

- **Demographic Profile**

- 75% were age between the age of 25 and 64
- 78% were female
- 22% were Black, 4% were Hispanic
- 24% with less than high school or GED
- 31% with Bachelors degree or higher
- 5% were unemployed
- 17% were retired
- 22% had household income less than \$20,000
- 26% 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: 2013 sample size= 874; 2010 sample size =210; 2006 sample size =726

Rank	2013 Survey	2010 Survey	2006 Survey
1	Unemployment/ underemployment (36.8%)	Unemployment/ underemployment (36.0%)	Shortage of cultural programs (33.9%)
2	Lack of transportation (26.4%)	Lack of public transportation (24.6%)	Shortage of rec programs/facilities (33.8%)
3	Lack of after school and summer youth activities (24.6%)	Crime (21.7%)	Lack of public transportation (30.3%)
4	Shortage of cultural programs (24.0%)	Shortage of rec programs/facilities (18.5%)	Lack of after school/youth programs (29.2%)
5	Shortage of recreational programs and facilities (23.0%)	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: 2013 sample size=874; 2010 sample size =210; 2006 sample size =726

<b>Rank</b>	<b>2013 Survey</b>	<b>2010 Survey</b>	<b>2006 Survey</b>
<b>1</b>	Difficulty earning a living/poverty (30.2%)	Difficulty earning a living/poverty (30.5%)	Difficulty earning a living/poverty (31.5%)
<b>2</b>	Lack of appropriate parenting skills (27.8%)	Lack of appropriate parenting skills (25.5%)	Gangs/gang violence (30.1%)
<b>3</b>	Juvenile delinquency (25.4%)	Juvenile delinquency (23.6%)	Juvenile delinquency (27.2%)
<b>4</b>	Lack of money /life management skills (23.4%)	Lack of money/life management skills (20.0%)	Domestic violence/abuse (25.5%)
<b>5</b>	Isolation and loneliness among elderly (19.6%)	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: 2013 sample size=874; 2010 sample size =210; 2006 sample size =726

<b>Rank</b>	<b>2013 Survey</b>	<b>2010 Survey</b>	<b>2006 Survey</b>
<b>1</b>	Overweight/obesity (43.9%)	Use of illegal drugs/substance abuse (41.0%)	Use of illegal drugs/substance abuse (45.1%)
<b>2</b>	Use of illegal drugs/ substance abuse (42.7%)	Tobacco use (36.5%)	Teen pregnancy (33.7%)
<b>3</b>	Tobacco use (38.4%)	Overweight/obesity (33.8%)	Unsafe sexual practices (36.3%)
<b>4</b>	Drinking and driving (34.4%)	Drinking and driving (31.9%)	Drinking and driving (36.0%)
<b>5</b>	Tie- alcohol abuse and teen pregnancy (29.0%)	Reckless/careless driving (29.8%)	Tobacco use (35/7%)

# *Health Care Choices*

- Sources of health information

Source	2013 Survey		2010 Survey		2006 Survey	
	Rank	%	Rank	%	Rank	%
Doctor/Nurse/Pharmacist	1	73.9	1	57.1	1	61.9
Newspaper/Magazine/TV	5	42.8	2	25.5	4	29.8
Internet	2	53.4	3	18.4	3	20.4
Friends/Family	3	52.8	4	10.8	2	19.5
Hospital	4	43.6	5	6.1	5	8.0
School	8	9.7	6	3.3	6	4.7
Health Department	6	26.5	7	2.8	8	3.7
Church	7	13.2	8	0.9	7	2.6

# *Health Care Choices*

- Sources of health care

Source	2013 Survey		2010 Survey		2006 Survey	
	Rank	%	Rank	%	Rank	%
Doctor's office	1	77.8	1	67.5	1	80.3
Health Department	5	2.7	2	9.4	5	2.6
Hospital ER	2	7.0	3	9.0	2	8.3
VA	7	1.5	4	4.7	6	2.0
Urgent Care Center	3	5.9	5	3.8	3	3.1
Rural/Community Health Center	6	2.2	6	2.8	7	0.9
Drug Store/Pharmacy	4	2.8	7	1.9	4	2.7

# *Health Insurance*

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

Source	2013 Survey		2010 Survey		2006 Survey	
	Rank	%	Rank	%	Rank	%
Private Insurance	1	68.2	1	39.6	1	59.8
Medicare	2	20.4	2	29.7	2	19.0
Medicaid	5	8.5	3	17.0	3	12.1
None/uninsured	3	11.8	4	15.6	4	11.7
Other/Tricare	4	11.5	5	9.4	n/a	n/a
VA Benefits	6	4.8	5	9.4	5	5.2

# *Physical Activity*

## Respondents who exercise

- 62.9% of respondents (n=531) reported engaging in 30-minutes of “exercise activity” in the past week
  - 519 respondents reported engaging in exercise activity an average of 3.69 times during the past week
- Physically active respondents reported utilizing a variety of exercise venues
  - 69.8% exercise at home
  - 13.6% exercise at Harnett County Parks
  - 19.3% patronize private gyms
  - 4.1% patronize a public swimming pool

# *Physical Activity*

## **Respondents who do *not* exercise**

- Reasons for not exercising include:
  - Don't have enough time (41.3%)
  - Too tired to exercise (33.4%)
  - Don't like to exercise (19.7%)
  - Cost too much to exercise (19.3%)
  - Don't have access to a facility needed (17.7%)

# *Nutrition*

- **Consumption of fruit per day**
  - None: 3.3%
  - 1 to 2 servings: 24%
  - 3 to 4 servings: 32.1%
  - More than 4 servings: 40.7%
- **Consumption of vegetables per day**
  - None: 1.1%
  - 1 to 2 servings: 9.5%
  - 3 to 4 servings: 24.1%
  - More than 4 servings: 65.3%

# For more information

Harnett County Department of Public Health

910-893-7550

