

# Granville-Vance District Health Department

## 2008 State of the County Health Report

### A Community Effort



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The Granville-Vance District Health Department publishes the State of the County Health (SOTCH) Report in non Community Health Assessment (CHA) years to relate current health trends to policy makers, health care providers, and the community at large. Its purpose is to promote a broader understanding of health needs, concerns and to educate the community regarding issues that affect the residents

of both Vance and Granville Counties. More information is available to indicate health status than we could possibly document in a short report. To narrow our focus, this report uses data from the NC State Center for Health Statistics (SCHS) and other accredited websites to update our community on the priority areas that were determined via the 2007 CHA process.

The major areas of concern identified via survey and data review include Teen Pregnancy (VC) & STD rates (GC, VC), Chronic Disease (GC, VC) and lifestyle issues (GC), and Drug Abuse (GC, VC) & Gang Related Activity (VC).



### Characteristics of Granville & Vance County

Category	Granville	Vance	North Carolina
Estimated Population—2008	56,428	43,629	9,240,289
Percent persons of color—2006	42.3%	57.4%	32.8%
Percent under 18 years old—2008	22.9%	27%	24.1%
Percent over 65 years old—2008	11.3%	12.5%	12.7%
Population change—2000-07	14.8%	1.5%	12.6%
Projected Population—2010	57,728	43,706	9,502,904
Median Income—2005	\$43,202	\$32,133	\$40,781
Percent Unemployed—2007	5.0%	6.5%	4.7%
Dropout Rates Grades 9-12 2006-2007	4.70	6.70	5.24
Percent in Poverty—2005	11.70%	20.50%	12.30%
Percent Without Health Insurance 2005	17.3%	21.1%	17.2%

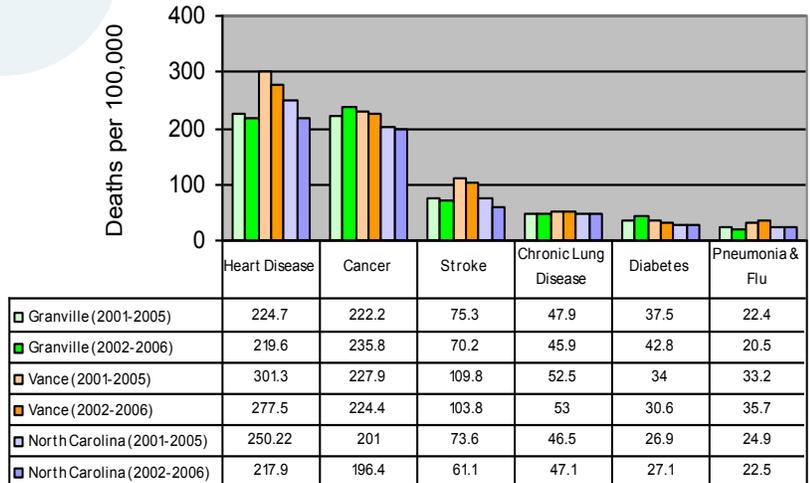


# Mortality Data

The chart to the right shows the most recent age-adjusted death rates (2002-2006) available from the NC SCHS for the 6 leading causes of death in Vance and Granville Counties. These rates are compared with the state's rates for the same causes as well as the 5 year rates for the 2001-05 period. While the changes are not drastic from one time period to the next, a few trends are worth noting.

The Vance County death rates for heart disease, diabetes, and flu/pneumonia have decreased by 7.9%, 10%, and 7.5% respectively. State rates have decreased commensurately in heart disease (12.9%), stroke (17%), and flu/pneumonia (9.6%). In contrast, while Granville County saw noticeable decreases in death rates for stroke (6.8%) and flu/pneumonia (8.5%), it also realized increases in cancer (6.1%) and diabetes (14%).

Age Adjusted Death Rates



## Priority Area - Teen Pregnancy & STD's

The Department of Health and Human Services's Epidemiology of North Carolina tracks a variety of diseases in an attempt to provide further information about communicable diseases. HIV, AIDS, gonorrhea and syphilis are all sexually transmitted diseases whose transmission could be decreased if those infected do not engage in unprotected sex.

While gonorrhea and syphilis are curable and afterwards are not contagious, HIV and AIDS remain transmissible even if one has been treated for the symptoms of the disease. Moreover, they are also transmissible via contact with infected blood such as shared intravenous drug paraphernalia or through open cuts and sores.

According to the table above; Chlamydia is a major concern for both counties. Granville county experienced a 7.8% increase and Vance County rates increased 16.8% from 576.61 to 673.29/100,000

Communicable Disease Rates Per 100,000 persons	Granville County			Vance County			North Carolina		
	2002-2006	2003-2007		2002-2006	2003-2007		2002-2006	2003-2007	
Chlamydia	298.86	322.09	⬇️	576.61	673.29	⬇️	337.63	345.30	⬇️
Gonorrhea	159.70	156.17	👍	313.76	378.80	⬇️	182.16	182.03	👍
Syphilis	1.14	.74	👍	4.59	3.68	👍	2.79	2.86	⬇️
HIV	29.66	28.83	👍	28.90	30.41	⬇️	21.94	22.08	⬇️
AIDS	13.69	12.73	👍	20.18	18.89	👍	12.24	11.89	👍

Not only can a person acquire an STD from having unprotected sex but they can also produce an unwanted pregnancy. Unfortunately, Vance County currently has the second highest rate in the state for teen pregnancy for girls ages 15-19, and has fluctuated between numbers one and two since 2002. The 2007 rate for Vance County increased 10.3% from its 2006 rate to reach a rate of 113.7/1000 teens, which is 80% higher than the NC rate of 63/1000. Although Vance's teen pregnancy rate has decreased 18% since 1995, it has been an ongoing battle locally for many years. By seeking funding and expanding partnerships, we hope to address this problem which can impact so many long-term health and life outcomes.

\* All teen pregnancy rate were based per 1,000 15-19 year olds\*

👍 Indicates positive change .  
⬇️ Indicates negative change

The health department currently:

- Supports the work of county School Health Advisory Council (SHAC)
- Offers Family Planning classes that address reproductive health education, STD transmission, and proper use of condoms and contraception.
- Distributes free condoms during health department operation hours.
- Supports work to address parenting education needs.
- Is working to organize interested community members to address youth problem solving and leadership skills.
- Is partnering with VC schools to address reproductive health education curriculum needs and funding gaps.

# Priority - Chronic Disease



The risk for chronic disease could be greatly decreased if people followed a healthy diet, engaged in regular physical activity, and avoided using tobacco products. Given that the top three killers in Granville and Vance Counties are the chronic diseases: heart disease, cancer, and stroke (see chart on p. 2), and that our citizens die from them at a higher rate than North Carolinians on average, it is worthwhile to look at ways that these statistics might be improved.

Obesity is a primary risk factor for all major chronic health conditions, and directly impacted by diet and exercise.

According to the 2006 NC Behavioral Risk Factor Surveillance System, 74.9% of Granville, Vance, Person, and Caswell County adults are considered overweight or obese.

With the overweight/obesity epidemic sweeping our counties we should be especially concerned about the health of our children and their risk for chronic disease.

In 2007, the NC Nutrition and Physical Activity Surveillance System showed that 38.2% of Granville County 2-18 year olds were considered overweight or at risk. This is a 9% increase from 2006. Vance County showed a 5.8% decrease in the same time period, with 28.9% of 2-18 year old children being overweight or at risk.

Listed below are recent Granville and Vance County efforts to impact the rates of chronic disease, many supported with outside funding (ESMM NC, Health and Wellness Trust Fund Commission, Susan G Komen Breast Cancer-Foundation, and private donors):

► The GC Health Promotion Workgroup created a Greenway Master Plan (2006) for the County and constructed the first 1/2 mile of greenway in the county (2007). Work is underway to develop ordinances and other strategies to further implement the plan and thereby encourage residents to Move More (ESMM NC funds).

► The Board of Health passed a Public Health Rule making all local government facilities and public transportation smoke-free (2008).

► Vance County WoW! (Working on Wellness) created a moveable playground, the PLAY Mobile, to bring a variety of athletic and playground activities to elementary schools without resources (2007—HWTFC)

► Vance County WoW! worked with the Faith to Freedom Project to construct King's Kids' Playground in Henderson to promote physical activity for children (2008—ESMM NC + private donations).

► Vance-Granville WoW! is working with Vance and Granville County Commissioners to promote the Eat Smart Move More message via an annual recognition program and mini grants to local organizations that implement environmental/wellness policy change (2008-09—ESMM NC).

► Granville Health Systems, Maria Parham Medical Center, and the Granville-Vance District Health Department (GVDHD) are partnering to encourage residents to Eat Smart and Move More in 2009 with a New Year's weight loss contest that offers cash prizes.

► GVDHD and Cooperative Extension work with local newspapers to publish articles that promote healthy living and [www.EatSmartMoveMoreNC.com](http://www.EatSmartMoveMoreNC.com).

► GVDHD is partnering with Five County Mental Health Authority to increase number of smoking cessation classes.

► GVDHD and Cooperative Extension promote disease prevention and wellness through nutrition and physical activity counseling and education.

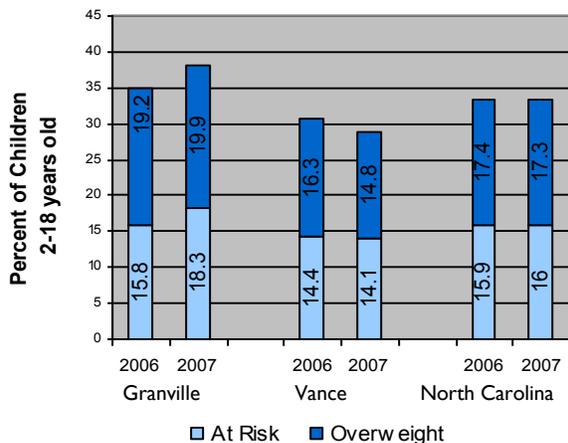
► GVDHD works with the Breast & Cervical Cancer Control Program and Maria Parham Hospital to offer low cost/fee free education, screenings, & treatment for breast and cervical cancer (Susan G Komen Found.)

► GVDHD offers free diabetes self-management classes to local residents.

*A BMI of 25 or higher indicates that a person is likely overweight or obese.*

*Eat Smart Move More NC*

**Prevalence and Risk of Overweight in Children by County and Year**



## Cancer Incidence

The 2005 cancer disease rates for Granville and Vance Counties exceed North Carolina's rate of 492.2/100,000 by 26% and <1% respectively. Granville County's 2005 rate of 620.2/100,000 increased 24.4% from its 2004 rate, while Vance County's rate of 495.6/100,000 increased 3.7% from its 2004 rate.

### 2005 Leading Cancers in Granville and Vance Counties by Rate

- (1) Prostate Cancer (42-G, 25-V)
- (2) Female Breast (39-G, 31-V)
- (3) Lung Cancer (50-G, 37-V)
- (4) Colorectal Cancer (30-G, 33-V)

To indicate the numbers impacted by the disease, cases per county are listed in parentheses



# Priority - Drug Abuse & Gang Activity

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Health problems are not only physical but mental, social, and spiritual. Sometimes they can even translate into how safe one feels in their own community. Both Granville and Vance Counties have listed Drug Abuse and Gang Activity as a top concern without the aid of state data to track trends. Since these issues fall under the jurisdiction of a variety of county entities, our local Juvenile Crime Prevention Councils and LiveWell Granville are working with their partners to tackle this concern. Efforts in 2008 include a report on staying in school by LiveWell Granville, its support of summer bookmobile and reading programs, and a support / reward program for Housing Authority residents for school involvement and academic performance. A grass roots effort in Vance County is addressing school suspensions and the Community Collaborative is working to reach youth that need substance abuse interventions. Below are some of the issues that can lead to drug abuse and gang activity.

- Lack of youth focused facilities
- Limited alternative measures for middle and high school students who receive suspension notices
- High school drop out rates
- Substance abuse counseling for teens



Vance	Granville
3 Highest Ranking Health Problems (2007 CHA)	
Drug Abuse	Drug Abuse tied w/ Chronic Disease
Teen Pregnancy	Health Care Access
Chronic Disease	Poor Diet/Low Activity
3 Highest Ranking Safety Issues	
Lack of Jobs	Sale/Manufacture of illegal drugs
Gang-related issues	Lack of youth activities
Sale/Manufacture of illegal drugs	Lack of jobs
5 Highest Ranking Statistical Issues	
Teen Pregnancy	Cancer
Cancer	Diabetes tied with health insurance issues
Heart Disease	Minority Infant Deaths
AIDS/STD rates	Minority teen pregnancy
Health insurance issues	HIV infection rate



*Keeping you in Healthy Balance*

FOR MORE INFORMATION ABOUT THIS SOTCH REPORT contact the Health Education Staff at the Granville-Vance District Health Department.

**Granville and Vance Counties are actively making strides to improve the overall well being of each resident, but change cannot occur in a vacuum. In order to effectively address these priority issues, community members must work together to make Granville and Vance Counties optimal places to live.**

*Some of our partners include:*

*County Cooperative Extension*

*County Depts. Of Social Services*

*County School Systems*

*County Medical Centers*

*County United Way Agencies*

*County United Way Agencies*

*5 County Mental Health Authority*

*FGV Regional Partnership for Children*

*LiveWell Granville*

**Get Involved! Help the Granville-Vance District Health Department and its partner groups address Granville and Vance County's leading Health Issues. For more information on what you can do, contact:**

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*For more complete information on any of the data through out this document please visit any of the following accredited sites:*

[www.schs.state.nc.us](http://www.schs.state.nc.us) (Mortality, Morbidity, Cancer)

[www.appcnc.org](http://www.appcnc.org) (Teen Pregnancy)

[www.epi.state.nc.us](http://www.epi.state.nc.us) (STD & Contagious Disease)

[www.eatsmartmovemorenc.com](http://www.eatsmartmovemorenc.com) NC NPASS (Chronic Disease and Obesity)

[www.schs.state.nc.us/SCHS/brfss/2006/cgpv/topics.html](http://www.schs.state.nc.us/SCHS/brfss/2006/cgpv/topics.html) (CD and Obesity)

[www.gvhd.org](http://www.gvhd.org) *Community Efforts* (2007 Community Health Assessment)

[quickfacts.census.gov/qfd/index.html](http://quickfacts.census.gov/qfd/index.html) (Population Data)