Alamance County Assessment
2011
Presented by the
2011 Community Assessment Task Force
Under the joint leadership of:

Healthy Alamance
Alamance County Health Department
Alamance Regional Medical Center
United Way of Alamance County
Why Have a Community Assessment?

## Data Collection Process

<table>
<thead>
<tr>
<th>Elon Poll</th>
<th>Secondary Data</th>
<th>Focus Groups</th>
<th>Community Forum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surveyed 846 English Speaking Adults by Telephone</td>
<td>US Census</td>
<td>Interviewed 3 Groups: Newcomers, Ex-Offenders &amp; Latinos</td>
<td>Hosted 2 Sessions</td>
</tr>
<tr>
<td>Stratified Random Sampling</td>
<td>State Center for Health Statistics</td>
<td>Discussed Important Issues</td>
<td>Presented Findings &amp; Obtained Feedback</td>
</tr>
<tr>
<td>51 Questions</td>
<td>Local Data</td>
<td>Analyzed Data</td>
<td>Created Report</td>
</tr>
</tbody>
</table>

The Community Assessment brochure provides a brief overview of the process & main findings.

Alamance County Community Assessment 2011
2011 Community Assessment
Demographics

2010 Census Hispanic/Latino Growth
Alamance County, NC
Source: 2010 US Census Bureau

<table>
<thead>
<tr>
<th>Year</th>
<th>1990</th>
<th>2000</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>736</td>
<td>8,836</td>
<td>16,639</td>
</tr>
</tbody>
</table>
Demographics

Alamance County Population Distribution by Age
US Census Bureau, American Community Survey Demographic and Housing Estimate: 2006-2008

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Alamance</th>
<th>NC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 5</td>
<td>6.60%</td>
<td>7.00%</td>
</tr>
<tr>
<td>5 to 9</td>
<td>6.60%</td>
<td>6.60%</td>
</tr>
<tr>
<td>10 to 14</td>
<td>6.50%</td>
<td>6.70%</td>
</tr>
<tr>
<td>15 to 19</td>
<td>7.00%</td>
<td>6.90%</td>
</tr>
<tr>
<td>20 to 24</td>
<td>6.90%</td>
<td>6.80%</td>
</tr>
<tr>
<td>25 to 34</td>
<td>12.80%</td>
<td>13.40%</td>
</tr>
<tr>
<td>35 to 44</td>
<td>14.70%</td>
<td>14.80%</td>
</tr>
<tr>
<td>45 to 54</td>
<td>14.00%</td>
<td>14.30%</td>
</tr>
<tr>
<td>55 to 59</td>
<td>6.10%</td>
<td>6.20%</td>
</tr>
<tr>
<td>60 to 64</td>
<td>4.90%</td>
<td>5.10%</td>
</tr>
<tr>
<td>65 to 74</td>
<td>7.00%</td>
<td>6.60%</td>
</tr>
<tr>
<td>75 to 84</td>
<td>5.00%</td>
<td>4.20%</td>
</tr>
<tr>
<td>85 and over</td>
<td>1.80%</td>
<td>1.40%</td>
</tr>
</tbody>
</table>

Alamance County Community Assessment 2011
Demographics

Ethnicity Make-up of Alamance County
US Census Bureau 2010

- African American / Black: 19% (Alamance), 21% (NC)
- Asian / Pacific Islander: 1.20% (Alamance), 2.20% (NC)
- Hispanic / Latino: 11.50% (Alamance), 8% (NC)
- Native American: 0.70% (Alamance), 1.30% (NC)
- Caucasian: 71% (Alamance), 69.00% (NC)
# Demographics – Special Populations

<table>
<thead>
<tr>
<th>Persons Living with a Disability</th>
<th>2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-20 yrs old</td>
<td>8.6%</td>
</tr>
<tr>
<td>21-64 yrs old</td>
<td>21.6%</td>
</tr>
<tr>
<td>65+ yrs old</td>
<td>47.4%</td>
</tr>
<tr>
<td>Total Population with disability</td>
<td>20.5%</td>
</tr>
</tbody>
</table>
Health Assessment

Alamance County Community Assessment 2011
Environmental Health

• 92% of residents indicated that their pet’s rabies vaccinations are up to date compared to 81% in 2007.

• 77% indicated that their pets are spayed or neutered.

Elon Poll 2011
Environmental Health

• 23.5% of Alamance County residents dispose of unused medication in the toilet

• 25% of households dispose of their unused chemicals in the garbage

*Elon Poll 2011*
Health Status

NC 2011 Morbidity Health Rankings

- Poor or fair health: Alamance County 18%, Target Value 10%, North Carolina 18%
- Poor physical health days: Alamance County 3.50%, Target Value 2.60%, North Carolina 3.60%
- Poor mental health days: Alamance County 3.40%, Target Value 2.30%, North Carolina 3.30%
- Low birth weight: Alamance County 8.90%, Target Value 6.00%, North Carolina 9.10%
Health Status

Alamance County Residents’ Description of Their Own Health

NC Behavioral Risk Factor Surveillance Survey, 2010

- Excellent: 16%
- Very Good: 31%
- Good: 31%
- Fair: 7%
- Poor: 15%
Health Status - Disability

- 8.6% of Alamance County residents are in a bed or a chair for most of all of the day because of their health. - *2011 Elon University Poll*

- According to the 2010 Behavioral Risk Factor Surveillance Survey, 23% of Alamance County residents report a mild, moderate or severe disability compared to 17% statewide.
## Leading Causes of Death

<table>
<thead>
<tr>
<th>Rank</th>
<th>ALAMANCE / Total Deaths</th>
<th>Rank</th>
<th>NC / Total Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cancer – All sites / 332</td>
<td>1</td>
<td>Cancer / 17,476</td>
</tr>
<tr>
<td>2</td>
<td>Heart Disease / 290</td>
<td>2</td>
<td>Heart Disease / 17,133</td>
</tr>
<tr>
<td>3</td>
<td>Chronic lower respiratory disease / 98</td>
<td>3</td>
<td>Cerebrovascular disease / 4,391</td>
</tr>
<tr>
<td>4</td>
<td>Cerebrovascular disease (stroke) / 88</td>
<td>4</td>
<td>Chronic lower respiratory diseases / 4,324</td>
</tr>
<tr>
<td>5</td>
<td>Other Unintentional injuries / 53</td>
<td>5</td>
<td>Other Unintentional injuries / 2,764</td>
</tr>
<tr>
<td>6</td>
<td>Alzheimer’s disease / 48</td>
<td>6</td>
<td>Alzheimer’s disease / 2,645</td>
</tr>
<tr>
<td>7</td>
<td>Nephritis, nephrotic syndrome, &amp; nephrosis / 44</td>
<td>7</td>
<td>Diabetes mellitus / 2,107</td>
</tr>
<tr>
<td>8</td>
<td>Pneumonia &amp; influenza / 41</td>
<td>8</td>
<td>Nephritis, nephrotic syndrome, &amp; nephrosis / 1,827</td>
</tr>
<tr>
<td>9</td>
<td>Diabetes mellitus / 37</td>
<td>9</td>
<td>Pneumonia &amp; influenza / 1,719</td>
</tr>
<tr>
<td>10</td>
<td>Septicemia / 24</td>
<td>10</td>
<td>Motor vehicle injuries / 1,394</td>
</tr>
</tbody>
</table>

Source: NC State Center for Health Statistics

Alamance County Community Assessment 2011
Age-Adjusted Cancer Incidence Rates
2005-2007
NC State Center for Health Statistics, Pocket Guide 2009

<table>
<thead>
<tr>
<th>Cancer Site</th>
<th>North Carolina</th>
<th>Alamance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>493.6</td>
<td>522.8</td>
</tr>
<tr>
<td>Female Breast</td>
<td>152</td>
<td>151.8</td>
</tr>
<tr>
<td>Lung</td>
<td>76.4</td>
<td>81.2</td>
</tr>
<tr>
<td>Colorectal</td>
<td>46.8</td>
<td>47.6</td>
</tr>
<tr>
<td>Prostate</td>
<td>154.5</td>
<td>165</td>
</tr>
</tbody>
</table>

Source: NC State Center for Health Statistics

- Heart Disease 1999-2003: 243.2
- Heart Disease 2005-2009: 226.9
- Heart Disease 2005-2009: 191.7
- Heart Disease 2005-2009: 187.5
- Stroke 1999-2003: 70.7
- Stroke 1999-2003: 71
- Stroke 2005-2009: 50.5
- Stroke 2005-2009: 57.7

North Carolina
Alamance County
Heart Disease & Stroke

Age Adjusted Heart Disease Mortality
Alamance County, NC


Source: NC State Center for Health Statistics

Alamance County Community Assessment 2011
Diabetes

- Diabetes Prevalence Rate in Alamance County is 10.6% (BRFSS, 2009)
- 9th Leading Cause of Death
Injury

• The leading cause of unintentional injury of children age 0-14 in both North Carolina and Alamance County is motor vehicle accidents.

• Alamance County has a higher rate of deaths due to unintentional injuries than North Carolina as a whole.
Infectious Disease

Gonorrhea incidence rates, Alamance County and NC, 2001-2005 and 2005-2009

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Minority</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NC</td>
<td>AC</td>
</tr>
<tr>
<td>2001-2005</td>
<td>183.5</td>
<td>176.6</td>
</tr>
<tr>
<td>2005-2009</td>
<td>174.2</td>
<td>152.3</td>
</tr>
</tbody>
</table>

Source: North Carolina State Center for Health Statistics

In Alamance County, the incidence rate of gonorrhea is more than 3 times higher among minorities than the total rate.
Infectious Disease

Syphilis Incidence Rates
Per 100,000 Population

- Alamance County's minority syphilis rate is more than 2 times higher than the total syphilis rate.

Source: North Carolina State Center for Health Statistics
Infectious Disease

AIDS Incidence Rates Per 100,000

Source: North Carolina State Center for Health Statistics

Alamance County Community Assessment 2011
Oral Health

• The numbers of adults who have visited the dentist, dental hygienist, or dental clinic in the past year, 2008 (BRFSS).

• Alamance

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>71 %</td>
<td>29 %</td>
</tr>
</tbody>
</table>
Maternal and Child Health

Alamance County Adolescent Pregnancy Rate

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>White</th>
<th>Minority</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>64.2</td>
<td>57.3</td>
<td>80.9</td>
</tr>
<tr>
<td>2006</td>
<td>69.2</td>
<td>58.9</td>
<td>91.6</td>
</tr>
<tr>
<td>2007</td>
<td>65.1</td>
<td>56.5</td>
<td>84.2</td>
</tr>
<tr>
<td>2008</td>
<td>62.5</td>
<td>52</td>
<td>90.2</td>
</tr>
<tr>
<td>2009</td>
<td>53.6</td>
<td>46.9</td>
<td>72.1</td>
</tr>
</tbody>
</table>

Alamance County Overall Infant Mortality Rate - 5 Year Trends

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995-1999</td>
<td>9.3</td>
</tr>
<tr>
<td>2000-2004</td>
<td>10.4</td>
</tr>
<tr>
<td>2005-2009</td>
<td>7.9</td>
</tr>
</tbody>
</table>

WIC Breastfeeding Rates

<table>
<thead>
<tr>
<th>Source: Alamance County WIC Program</th>
<th>Alamance County</th>
<th>NC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>48.1%</td>
<td>52.4%</td>
</tr>
<tr>
<td>2009</td>
<td>52.4%</td>
<td>54.6%</td>
</tr>
<tr>
<td>Breastfeeding initiation rate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breastfeeding at 6 weeks</td>
<td>32.0%</td>
<td>32.9%</td>
</tr>
<tr>
<td>2009</td>
<td></td>
<td>32.6%</td>
</tr>
<tr>
<td>Breastfeeding at 6 months</td>
<td>17.6%</td>
<td>19.6%</td>
</tr>
<tr>
<td>2009</td>
<td></td>
<td>17.1%</td>
</tr>
</tbody>
</table>

Alamance County Community Assessment 2011
Prevention

Alamance County Community Assessment 2011
Emergency Preparedness

- 37% of Alamance County residents said in a community disaster or emergency, they could take care of themselves for up to one week at home. One in five residents know they would need assistance within the first 3 days.

*Elon Poll 2011*
Mental Health

• 90% of persons in Alamance identified mental health as important or very important to the overall well-being of Alamance County.

  Elon Poll, 2011

• Less than 60% of the projected number of persons with adult mental health issues access services.

  Local Service Data, 2010 Progress Reports
Health Promotion

• Obesity was identified as one of the most important health issues by Alamance County residents. *Elon Poll 2011*

• 32.2% of Alamance County residents said that healthy foods was a top priority when grocery shopping. *Elon Poll 2011*

• According to the 2010 NC Behavioral Risk Factor Surveillance System (BRFSS) 29.8% of Alamance County adults smoke.
Substance Abuse

• 37.1% of High School Students (12th grade) and 20.2% of 9th graders reported using alcohol in the past 30 days.
  - PRIDE Data, 2010

• In 2009 there were 2,723 visits to the emergency room in Alamance County by 18-24 year olds due to substance abuse.
  - NC DETECT
Healthcare Access

2011 Elon University Poll:

• Health care access was identified as the most important health issue in Alamance County.

• 75.1% of Alamance County residents believe that the access to health care is very important to the overall health of the people.

• 56.7% have a close friend or family member that does not have health insurance.
Healthcare Access

According to 2010 NC Behavioral Risk Factor Surveillance Survey:

• 22% of residents employed in Alamance report not having insurance coverage.

• 22% of Alamance County residents do not have one person that they think of as their primary care physician.

• 26.3% of Alamance County residents reported that within the past year they did not see a doctor because of the cost.
Social Assessment
Public Schools/Education was identified as the second most important issue facing the community by Alamance County residents. Elon Poll/Focus Groups 2011
Education

Percentage of HS Student Dropouts
(Alamance County compared to NC and Peer Counties)
Peer Counties – Craven, Chatham and Rockingham

Rates Over Time

Alamance County Community Assessment 2011
• The number of dropouts for **2009-2010** was 324.
Education

Growth in Enrollment at ACC

- 5-year growth 23%
- 5-year growth 34%

Alamance County Community Assessment 2011
Education

Cost per credit hour (set by General Assembly)

5-year growth 49%
64.2% of Alamance County residents surveyed in the Elon Poll said they knew someone in their family or a close friend that "does not have enough money to pay their bills"
Income/Financial Security

• $90,897,894 in unemployment benefits has been paid in Alamance County (12/2007-8/2009)

• In 2009 the state EITC (Earned Income Tax Credit) provided refunds of $842,455 to working families in Alamance County.
Income/Financial Security

Household Income Comparison
2005 /2009

- $150,000 or more
- $100,000 to $149,999
- $75,000 to $99,999
- $50,000 to $74,999
- $30,000 to $49,999
- $10,000 to $29,999
- Less than $10,000

2009 Number of Households
2005 Number of Households

Alamance County Community Assessment 2011
Income/Financial Security

• An Alamance County family of four must earn $46,825 to cover basic costs such as housing, food, child care, health care, and transportation.
• This total is 212.4% of the FPL (Federal Poverty Level) which is $21,200.
### Medicaid Eligibles Compared to State Totals for June 2009

<table>
<thead>
<tr>
<th></th>
<th>Total Medicaid Population</th>
<th>Medicaid Eligibles as % of Total Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>23,172</td>
<td>16%</td>
</tr>
<tr>
<td>State</td>
<td>1,500,204</td>
<td>16%</td>
</tr>
</tbody>
</table>
Credit Counseling

- Alamance County experienced a record high of 975 housing foreclosures in 2010. –Realtytrac Data
- The number of foreclosures decreased in about 75 areas of the state and increased in the remaining 25, including Alamance County.
Occupants with a Housing Cost Burden in Alamance County 2005-2009

Percent paying 30 percent or more of income for housing

- Renters: 47%
- Owners without mortgage: 12%
- Owners with a mortgage: 31%
Alamance County vs. NC Unemployment Rates 2004-2010

<table>
<thead>
<tr>
<th></th>
<th>Alamance</th>
<th>NC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>6.80%</td>
<td>6.20%</td>
</tr>
<tr>
<td>2006</td>
<td>5.40%</td>
<td>5.10%</td>
</tr>
<tr>
<td>2008</td>
<td>5.40%</td>
<td>4.80%</td>
</tr>
<tr>
<td>2010</td>
<td>11%</td>
<td>10%</td>
</tr>
</tbody>
</table>
Employment
Alamance County Employment by Industry, 2008
Alamance County Chamber of Commerce

- Manufacturing: 19%
- Information, Finance, & Real Estate: 4%
- Retail Trade: 14%
- Wholesale Trade, Trans. & Whse: 6%
- Prof. Tech Services & Admin. Services: 13%
- Educational Services: 9%
- Healthcare & Social Assistance: 13%
- Arts & Hospitality: 11%
- Public Administration: 5%
- Utilities & Construction: 6%
Transportation

Ridership – Elon University East Burlington/Downtown Loop

Spring 2010:
- Students: 61.00%
- Public: 39.00%

Fall 2010/Spring 2011:
- Students: 39.00%
- Public: 61.00%
### Alamance County Food and Nutrition Services 5-Year Chart:
The month of July data will be used for each year:

<table>
<thead>
<tr>
<th>Year</th>
<th>Active Cases</th>
<th># of People in Case</th>
<th>Benefits</th>
<th>Average Benefit per Person</th>
<th># Applications Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>5,070</td>
<td>11,571</td>
<td>$1,043,809</td>
<td>$90.20</td>
<td>579</td>
</tr>
<tr>
<td>2008</td>
<td>5,917</td>
<td>13,196</td>
<td>$1,272,135</td>
<td>$96.40</td>
<td>699</td>
</tr>
<tr>
<td>2009</td>
<td>8,064</td>
<td>18,206</td>
<td>$2,299,622</td>
<td>$126.31</td>
<td>891</td>
</tr>
<tr>
<td>2010</td>
<td>9,730</td>
<td>21,421</td>
<td>$2,760,640</td>
<td>$128.87</td>
<td>937</td>
</tr>
<tr>
<td>2011</td>
<td>11,202</td>
<td>24,204</td>
<td>$2,988,896</td>
<td>$123.48</td>
<td>607</td>
</tr>
</tbody>
</table>

55% caseload increase in five years
In Alamance County 19% of citizens are food insecure.

Additional money required to meet food needs in Alamance County in 2009 - $11,286,110.

Average cost of a meal is $2.45 = $220.50 a month for one person.
Hunger

• Students receiving free and reduced lunch at school for 2010-2011 is 52.74%. -ABSS
Child Care

- In Alamance County, there are nearly 3,000 children birth to five enrolled in licensed, regulated child care.
- 75% are either with a stay-at-home parent or reside in some form of unregulated child care.
Child Support

Number of Child Support Cases in Court

YEARS

CASES

2001 2002 2003 2004 2005 2006 2007 2008 2009 2010

3128 3877 4668 4554 4652 4055 4426 4647 4672 4280

Alamance County Community Assessment 2011
Domestic Violence

• Countywide, 1,463 calls related to domestic violence and 489 arrests from January – June 2011

• During the year 2010, there were: 822 domestic violence crisis calls, 867 safety planning/crisis counseling sessions, assistance with 661 domestic violence protective orders, and emergency shelter for 84 women and children.
Domestic Violence

Family Abuse Services of Alamance County
Court Advocacy Program

Number of Protective Orders

- 2008: 437
- 2009: 692
- 2010: 782

Alamance County Community Assessment 2011
Sexual Assault

![Sexual Assault - Alamance County](image.png)

Source: [http://www.nccfwdvc.com/stats.htm](http://www.nccfwdvc.com/stats.htm)
Child Abuse & Neglect

Alamance County Community Assessment 2011
Public Expenditures for Fiscal Year 09-10, Alamance County

$6,354,944

Nursing Homes and Adult Care Homes

$23,319,993

Community Care

Resource: NC Division of Aging and Adult Services: Schedule of Expenditures

Figure A
Elderly Population

Older Adults Age 65+ Living in Alamance County

- Live in Nursing Homes and Adult Care Homes: 1,701
- Live in the Community: 18,828

Figure B

Resource: NC Division of Aging and Adult Services: Alamance County Profile
Elderly Population – Abuse Neglect

2006-2007: 229
2007-2008: 251
2008-2009: 263
2009-2010: 396

Alamance County Community Assessment 2011
## Crime

<table>
<thead>
<tr>
<th>Law Enforcement Agency</th>
<th>Statewide Rank Overall Crime</th>
<th>2010 Crime Rate</th>
<th>Officers per 1,000 population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town of Gibsonville</td>
<td>#20</td>
<td>1571.9</td>
<td></td>
</tr>
<tr>
<td>Alamance County</td>
<td>#61</td>
<td>2013.0</td>
<td>2.1</td>
</tr>
<tr>
<td>Town of Elon</td>
<td>#119</td>
<td>2697.1</td>
<td>2.6</td>
</tr>
<tr>
<td>Town of Haw River</td>
<td>#224</td>
<td>4352.0</td>
<td>3.9</td>
</tr>
<tr>
<td>City of Mebane</td>
<td>#229</td>
<td>4462.7</td>
<td>2.0</td>
</tr>
<tr>
<td>City of Graham</td>
<td>#236</td>
<td>4566.9</td>
<td>2.3</td>
</tr>
<tr>
<td>City of Burlington</td>
<td>#342</td>
<td>7469.0</td>
<td>2.2</td>
</tr>
<tr>
<td>State of NC</td>
<td></td>
<td>3955.7</td>
<td></td>
</tr>
</tbody>
</table>
Group Discussion

• What do you think about the quality of life in Alamance County?
Group Discussion

• What would you like to see changed that would make our community a better place to live?
Prioritization

• What is the magnitude of the problem, level of concern & feasibility of creating positive change?

<table>
<thead>
<tr>
<th>Priority Health Issues</th>
<th>Priority Social Issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healthcare access</td>
<td>Education</td>
</tr>
<tr>
<td>Obesity</td>
<td>Poverty</td>
</tr>
<tr>
<td>Mental Health</td>
<td>Homelessness</td>
</tr>
<tr>
<td>Substance Abuse</td>
<td>Domestic Violence</td>
</tr>
</tbody>
</table>
Next Steps

• The Full Report is posted online: www.alamancecommunityassessment.com

• January – June 2012 Community Action Planning will take place.

• The Community Assessment Team is available for presentations at any time, please contact Healthy Alamance (336) 513-5590.
Closing Remarks – Thank YOU!