

# RANDOLPH COUNTY 2009 COMMUNITY HEALTH ASSESSMENT

## EXECUTIVE SUMMARY



RANDOLPH HOSPITAL  
COMMUNITY  
HEALTH  
FOUNDATION



RANDOLPH  
HOSPITAL  
"Care You Can Trust"

# INTRODUCTION

- Every four years local public health agencies throughout North Carolina conduct a Comprehensive Community Health Assessment.
- The purpose of the assessment is to:
  - Evaluate the health status of each county in relation to the State's health objectives as well as peer counties;
  - Identify and prioritize health issues that may pose a threat to the health of the community;
  - Develop strategies to address priority community health concerns.



# INTRODUCTION

## *CONTINUED*

- The 2009 Randolph County Community Health Assessment represents partnership between Randolph County Health Department, Randolph Health Improvement Partnership (RHIP), community institutions, organizations, agencies and individuals with an interest in improving the health status of Randolph County residents.



# METHODOLOGY, DATA COLLECTION & ANALYSIS

- In the spring of 2009, the Randolph County Health Department formed an eight-person steering committee, comprised of representatives from the health department, RHIP, Randolph Hospital, NC Cooperative Extension, Randolph County Schools and the Randolph County Senior Adult Association.



# PRIMARY DATA

- Primary data was collected from the community in four ways:
  - distribution of paper surveys mailed to residents across the county (534),
  - an internet survey,
  - a community leader questionnaire,
  - and stakeholder focus groups (2)



# SECONDARY DATA

- The major source for secondary data in the 2009 Randolph County Community Health Assessment included:
  - North Carolina State Center for Health Statistics
  - NC-CATCH (Comprehensive Assessment for Tracking Community Health System)
- Randolph County statistics were compared with state statistics as well as four peer counties chosen by the NC-CATCH System.

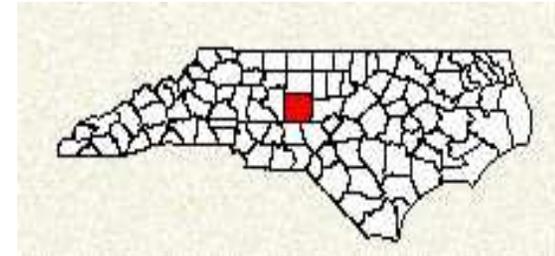


# PEER COUNTIES

- NC-CATCH System used a two-step process in which:
  - 1) possible peer counties were selected based upon age, race and poverty characteristics, and
  - 2) the final peer counties were selected from a group of counties within the same population range as the subject county.
- For Randolph County, the NC-CATCH system identified Burke, Catawba, Davidson and Lincoln as peer counties.



# HISTORY OF RANDOLPH COUNTY

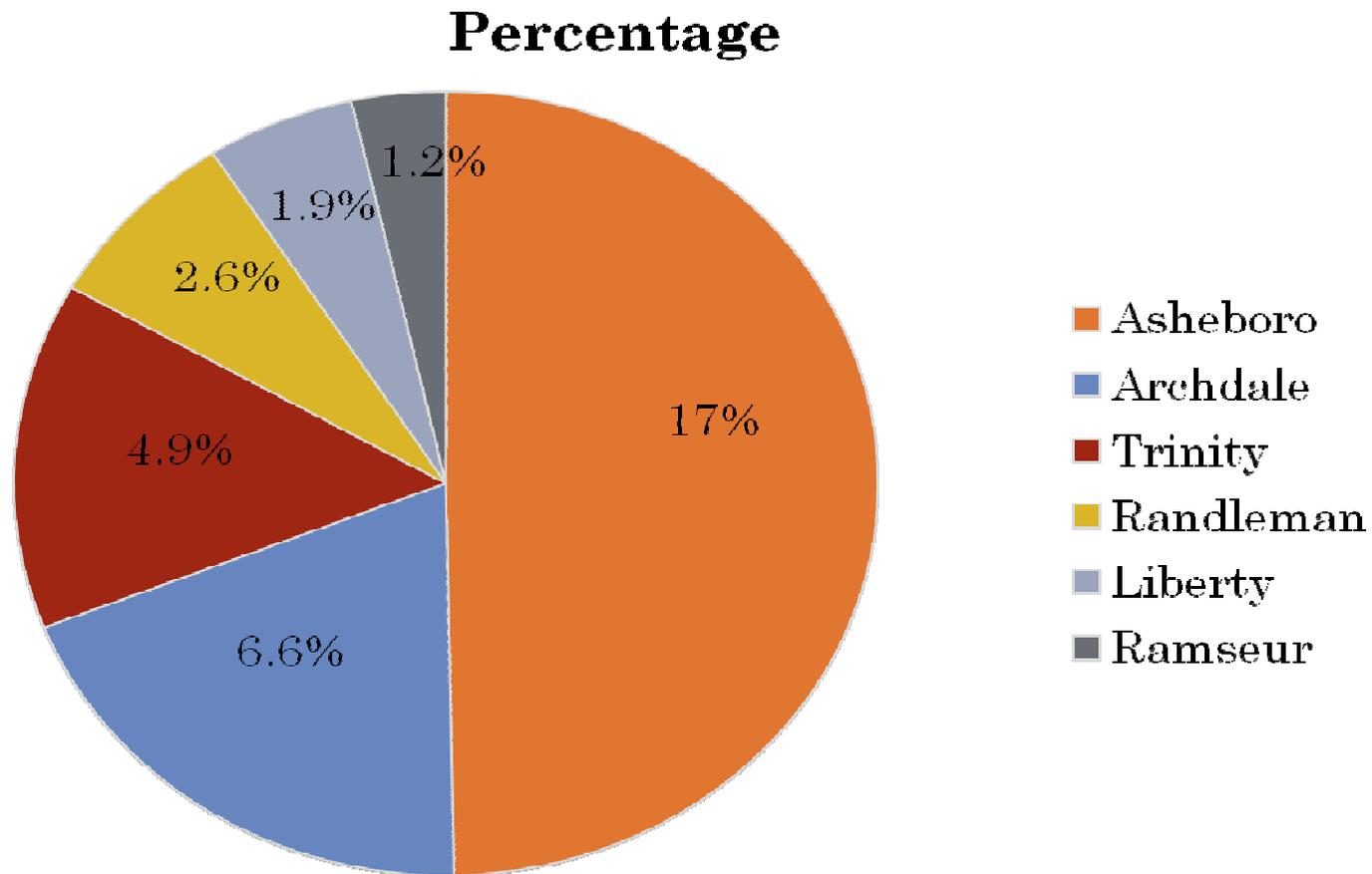


- Founded by Quaker settlers in 1779
- 11<sup>th</sup> largest county in North Carolina
- 19<sup>th</sup> highest population in the state
- Nine municipalities are incorporated within the county with Asheboro as the county seat.
- The 2008 population estimate was **141,186**
- Home to the North Carolina Zoological Park, the nation's largest natural-habitat zoo
- Home to Richard Petty Museum
- Home to Victory Junction Gang Camp

Source: [www.co.randolph.nc.us](http://www.co.randolph.nc.us)



# RANDOLPH COUNTY POPULATION PERCENTAGES BY LOCATION

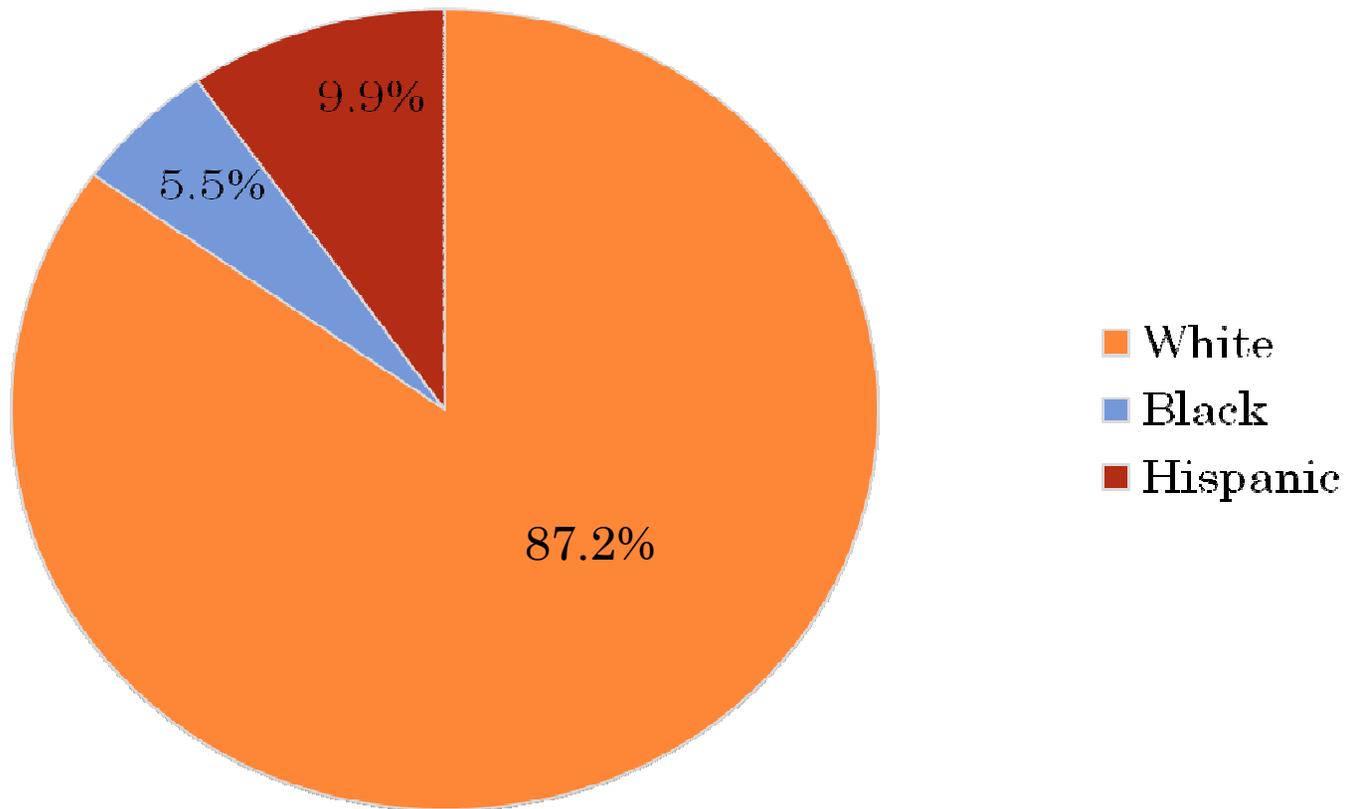


Results from community survey



# POPULATION DEMOGRAPHICS

Percentage



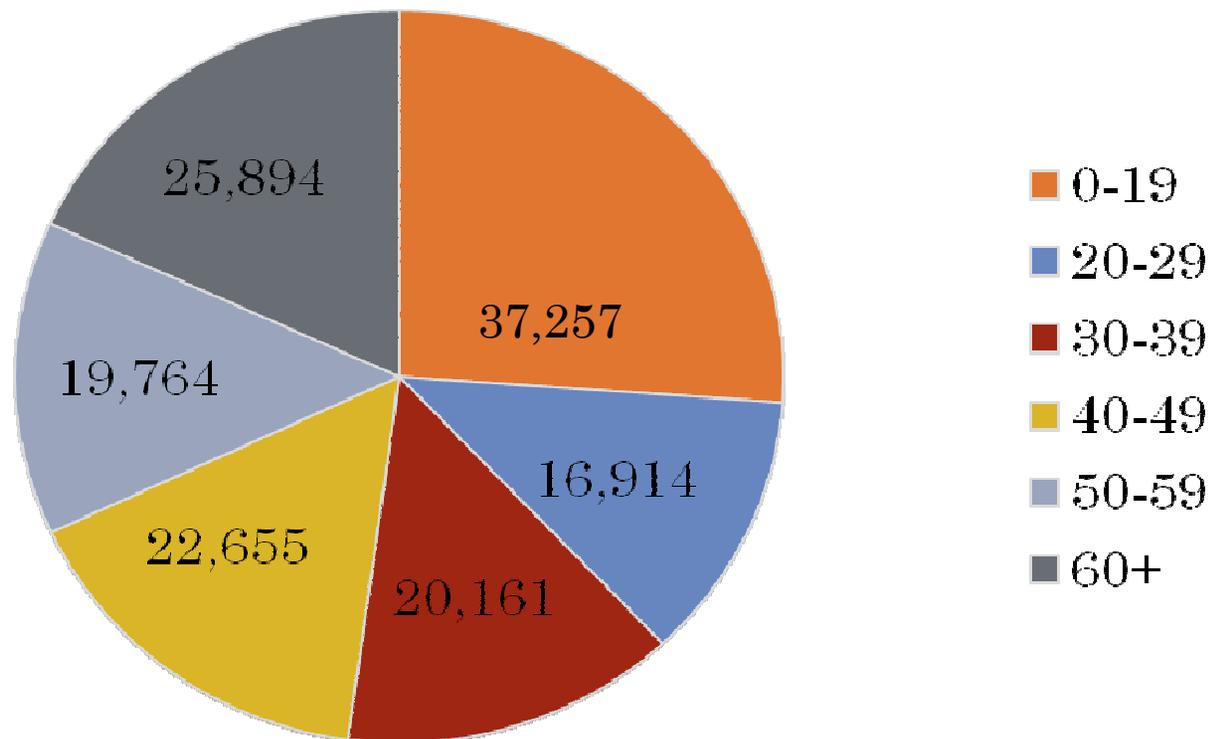
Results from community survey



# TOTAL POPULATION BY AGE

- 2008 Median Age – 39

## Total Population



Results from community survey



# SOCIOECONOMIC INDICATORS

- 2008 Median Family Income - \$54,236
- 2008 Median Household Income - \$47,023
- 2008 Kindergarten - 12<sup>th</sup> Grade Enrollment - 23,125
- Percent of high school diploma or higher - 73.9%
- Percent of bachelor's degree or higher - 12.2%
- Unemployment rate (YTD 2009 Q1) - 12.2%

Source: North Carolina Department of Commerce, 2008



# LEADING CAUSES OF DEATH IN 2007

Rank	Cause
1	Diseases of the Heart
2	Cancer
3	Chronic lower respiratory disease
4	Stroke
5	Unintentional injuries
6	Alzheimer's disease
7	Motor vehicle injuries
8	Diabetes mellitus
9	Intentional self-harm (Suicide)
10	Septicemia

Source: North Carolina State Center for Health Statistics, 2007



# CANCER

## Randolph County Data

2009	New Cases	Deaths
Lung	114	88
Breast	119	20
Prostate	108	15
Colon/Rectum	73	25

Source: North Carolina State Center for Health Statistics



# CANCER

## *CONTINUED*

- Cancer is the second leading cause of death in North Carolina and Randolph County
- In 2007, 279 people in Randolph County died from Cancer
- Approximately 65-80% of all cancers are preventable because they are related to personal lifestyle choices or environmental factors.



# COMMUNICABLE DISEASE

- In 2007, Randolph County ranked 63<sup>rd</sup> in the state for AIDS cases and 69<sup>th</sup> for HIV cases
- In 2008, the Chlamydia rate in Randolph County was 1.4 per 100,000 population
- Eleven new cases of Syphilis were reported during the period of 2004-08 in Randolph County
- Randolph County had three new cases of TB for periods 2004-08



# HEART DISEASE AND STROKE

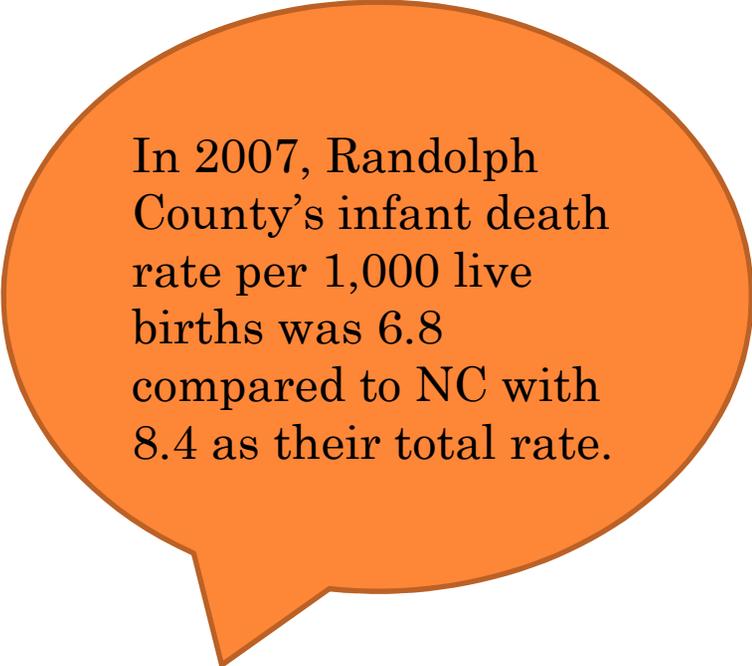
- Heart Disease and Stroke are the first and fourth leading causes of death among Randolph County residents
- From 2003-07, 1,444 Randolph County residents died of heart disease and 354 died of stroke
- The most recent data, from 2006, shows that Randolph County's mortality rate due to heart disease is 223.7 per 100,000 population, which is higher than the state rate
- The most recent data, from 2006, shows that Randolph County's mortality rate due to stroke is 46.5 per 100,000 pop. which is lower than the state rate



# MATERNAL AND CHILD HEALTH

## 2007 STATISTICS

- Total Pregnancies Females 15-44
  - NC Rate- 84.7
  - Randolph County Rate- 79.5
- Total Births (Fertility Rates)  
Females Ages 15-44
  - NC Rate- 69.1
  - Randolph County Rate- 67.7
- Total Abortions Females Ages 15-44
  - NC Rate- 15.1
  - Randolph County Rate- 11.3



In 2007, Randolph County's infant death rate per 1,000 live births was 6.8 compared to NC with 8.4 as their total rate.

# OBESITY

- In 2008, 65.7% of North Carolinians were overweight and obese
- In 2008, 68.9% of Randolph County residents were overweight and obese
- 23% of children ages 2-18 are overweight in North Carolina and 15% are overweight in Randolph County
- 43.1% of Randolph County residents meet the recommendations of physical activity
- Only 16.3% of Randolph County residents report eating at least 5 or more servings of fruit or vegetables per day.



Source: North Carolina State Center for Health Statistics

**GLASBERGEN**

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**“Eat less and exercise more? That’s the most ridiculous fad diet I’ve heard of yet!”**

**Being physically active and controlling portion sizes help reduce the obesity epidemic**



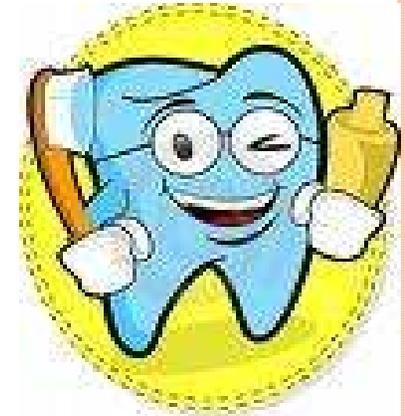
# RANDOLPH COUNTY REPORT CARD

- Overweight or Obese B+
- Meets physical activity recommendation F
- Meets fruit and vegetable recommendation C-
- In 2007, \$5,826,240 (approximately 8%) of total dollars spent on Randolph County Medicaid were attributed to overweight and obesity

Source: Eat Smart, Move More NC



# ORAL HEALTH



- Tooth decay is the most common chronic, infectious disease of childhood
- During school year 2007-08, 15% of Randolph County kindergartners had one or more primary (baby) teeth with obvious decay present
- Assessment data for fifth grade students during school year 2007-08 indicated that 26% have experienced tooth decay in permanent teeth, with another 3% having active decay
- 29% of fifth graders presented protective dental sealants on one or more primary teeth





# TOBACCO



- Tobacco use is the number one leading cause of preventable death
- In 2008, 22.5% of Randolph County residents were current smokers and 15.7% of residents reported smoking everyday
- Also in 2008, 4.1% of Randolph County residents currently used chewing tobacco or snuff everyday
- Both school districts, The Randolph County Health Department and Randolph Hospital are just a few of the agencies who adopted the 100% Tobacco-free Policy



# ENVIRONMENTAL HEALTH

- In 2007, Randolph County had a total of 83 hospital discharges with a primary diagnosis of Asthma; 28 of those were between 0-14 years of age
- In 2008, 2,200 children between the ages of six months through six years were tested for lead poisoning. Of those confirmed, six children had elevated blood lead levels and one child was diagnosed with lead poisoning.
- Since 2003, Randolph County has increased its number of smoke-free restaurants by 41%; increasing from 43 restaurants to 90.



# ENVIRONMENTAL HEALTH

## *CONTINUED*

### Number of Animal Rabies Cases in 2007

Animal	Number
Bat	2
Cat	1
Cow	0
Dog	0
Fox	3
Raccoon	6
Skunk	0
Total	12

Source: NC State Laboratory of Public Health



# 2009 COMMUNITY HEALTH ASSESSMENT SURVEY RESULTS

## Quality of Life Statement

1. There is a good healthcare system in Randolph County?

Health Care System	Number	Percent
Strongly Agree	57	8.7
Agree	386	58.8
Strongly Disagree	34	5.2
Disagree	141	21.5
Unanswered	38	5.8



# 2009 COMMUNITY HEALTH ASSESSMENT SURVEY RESULTS *CONTINUED*

## Quality of Life Statement

2. Randolph County is a good place to raise children?

Raise Children	Number	Percent
Strongly Agree	149	22.7
Agree	387	59.0
Strongly Disagree	15	2.3
Disagree	74	11.3
Unanswered	31	4.7



# 2009 COMMUNITY HEALTH ASSESSMENT SURVEY RESULTS *CONTINUED*

## Quality of Life Statement

3. Randolph County is a safe place to live?

Safe Place to Live	Number	Percent
Strongly Agree	94	14.3
Agree	427	65.1
Strongly Disagree	20	3.0
Disagree	86	13.1
Unanswered	29	4.4



# 2009 COMMUNITY HEALTH ASSESSMENT SURVEY RESULTS *CONTINUED*

## Quality of Life Statement

4. There is plenty of help for families and individuals during times of need in Randolph County?

Plenty of Help	Number	Percent
Strongly Agree	54	8.2
Agree	358	54.6
Strongly Disagree	43	6.6
Disagree	169	25.8
Unanswered	32	4.9



# **2009 COMMUNITY HEALTH ASSESSMENT SURVEY RESULTS *CONTINUED***

## **Top 6 Health Problems in Randolph County**

- 1. Overweight/Obesity
- 2. Heart Disease/Heart Attacks
- 3. Aging Problems
- 4. Cancer
- 5. Teen Pregnancy
- 6. Diabetes



# **2009 COMMUNITY HEALTH ASSESSMENT SURVEY RESULTS *CONTINUED***

## **Top 6 Unhealthy Behaviors in Randolph County**

- 1. Drug Abuse
- 2. Alcohol Abuse
- 3. Gangs
- 4. Lack of Exercise
- 5. Poor Eating Habits
- 6. Reckless/Drunk Driving



# **2009 COMMUNITY HEALTH ASSESSMENT SURVEY RESULTS *CONTINUED***

## **Top 6 Community Concerns in Randolph County**

- 1. Under Employment
- 2. Drug Use
- 3. Crime
- 4. Affordable Housing
- 5. Gang Activity
- 6. Availability of Positive Teen Activities



# 2009 COMMUNITY HEALTH ASSESSMENT STAKEHOLDER SURVEY RESULTS

- 30 Stakeholders participated in either an interview or a focus group. The results are...
  1. **There is a good healthcare system in Randolph County?**
    - Agree = 27
    - Disagree = 2
    - In between = 1
  2. **Randolph County is a good place to raise children?**
    - Agree = 29
    - Disagree = 1
  3. **Randolph County is a good place to grow old?**
    - Agree = 27
    - Disagree = 1
    - In between = 2



# 2009 COMMUNITY HEALTH ASSESSMENT STAKEHOLDER SURVEY RESULTS *CONTINUED*

## 4. There are plenty of ways to earn a living in Randolph County?

- Agree = 7
- Disagree = 18
- In between = 5

## 5. Randolph County is a safe place to live:

- Agree = 26
- Disagree = 2
- In between = 2

## 6. There is plenty of support for individuals and families during time of need in Randolph County?

- Agree = 7
- Disagree = 17
- In between = 6



# 2009 COMMUNITY HEALTH ASSESSMENT STAKEHOLDER SURVEY RESULTS *CONTINUED*

## 7. Randolph County has clean air?

- Agree = 25
- Disagree = 4
- In between = 1

## 8. Randolph County has clean water?

- Agree = 8
- Disagree = 11
- In between = 11



# 2009 COMMUNITY HEALTH ASSESSMENT STAKEHOLDER SURVEY RESULTS *CONTINUED*

## Top 6 Barriers in Randolph County

1. Lack of transportation
2. Financial barriers
3. Language barriers
4. Misinformation about services, or the lack of knowledge
5. Location
6. Limited amount of services available after hours



# SELECTION OF IDENTIFIED HEALTH PRIORITIES

## Priority Areas

### 1. Maintaining Healthy Habits

**Focus Area:** Health Promotion

**Action Plan:** Addressing Overweight/Obesity due to lack of physical activity and poor eating habits

### 2. Health Promotion

**Focus Area:** Chronic Disease

**Action Plan:** Addressing Diabetes through awareness and knowledge

### 3. Reducing Substance Abuse

**Focus Area:** Health Promotion

**Action Plan:** Reducing drug abuse/substance use



# DISSEMINATION PLAN

- Both Randolph County and Randolph Hospital websites will post the Community Health Assessment Final Document and Executive Summary.
- Thirty data books will be ordered for distribution of the final document and brochures of the executive summary will be created. In addition, CDs will be ordered for the purpose of downloading the executive summary for distribution throughout the community.



# 2009 COMMUNITY HEALTH ASSESSMENT PROCESS

- The assessment process was facilitated by the Randolph County Health Department in collaboration with the Randolph Health Improvement Partnership (RHIP).
- The assessment was funded with grant money provided by the Randolph Hospital Community Health Foundation.

