



Thinking for the Future:

Forsyth County's Older Adults

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In collaboration with the Forsyth County
Aging Services Planning Committee

**Aging Services
Planning Committee**
of Forsyth County

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To view the Thinking for the Future: Focus on Forsyth County's Older Adults report on-line, please go to www.forsythfutures.org

The reader is also referred to the <http://forsythaging.forsyth.cc/about.aspx> for detailed information regarding the committees and projects of the Aging Planning Services Committee of Forsyth County, as well as community resources.

Executive Summary

Thinking for the Future: The report, Forsyth County's Older Adults, represents an effort to provide Forsyth County's residents, leaders and organizations with information to better address the needs of older adults (also referred to in the literature as senior citizens) with information. The goal of this information is to assist the community in policy and program design, allocation of resources, funding or grant applications, research, and/or program evaluations. The report is a small snapshot based on available public data of the status of Forsyth County's older adults (65+ unless otherwise stated) across different areas of life. The snapshot is framed with general questions with quantitative responses about these residents in terms of demographics, residence, health and wellness, transportation, financial status, and community connections. Based on the answers, issues that should be discussed and acted upon are presented for the community's consideration.

The answers suggest that our older adults currently represent a significant portion (13%) of our residents with steady growth projected. While the overwhelming majority (82%) of the residents in this category reside within the city limits of Winston-Salem, they also represent important segments of the other county's municipalities. Approximately half of our residents are in the 65 to 74 years of age category with one third in the in the 75-84 category. Most (61%) of our older adults are females. It is significant to note that the life expectancy of women (from 84-88 years of age) in Forsyth County is on average consistently longer than for men (from 81-85 years of age). After reaching 85 years of age, the life expectancy for women is up to 91 years of age and that for men is 90.

Approximately 80% of the residents own their home. Past survey and community conversations suggest that keeping older adults in their homes is clearly the goal for baby boomers and is the charge set by all entities who address the needs of older adults. Making our community a place that supports staying in those homes is clearly a goal of the community. The data suggests that efforts in preventive health care and community connectivity (e.g., volunteerism, activity centers, and continuing education) are being used by our older adults. They also represent a strong voting sector. However, the data suggests we need to continue to strengthen our efforts to assist older adults with mobility issues and financial resources to assist with in-home health services, mortgages, and up-keep and home modifications. We should also be thinking about the safety of our older residents. While many of our older adults are still driving and are not involved in more accidents with respect to their younger cohorts, there are needs for assistance with transportation. Our community needs to be cognizant of the relationships between older adults' health, housing and safety needs. While we have many transportation strengths (e.g. Transaid, volunteer transportation services, and fee for transportation service subsidies), there are also challenges (e.g., expanding routes to outer areas of the county, variable criteria, rates, and/or schedules for transportation services). Our efforts to connect the unique and shared activity and services offerings of the many governmental agencies, non-profits organizations and for-profit entities should continually be addressed.

Report Collaborators

Forsyth Futures

Forsyth Futures is a non-profit organization that tracks indicators and supports collaborative initiatives addressing Forsyth County's progress in health, safety, education, environment, and citizen participation. The mission of Forsyth Futures is to continually improve positive outcomes for adults, children, and families of Forsyth County, North Carolina. Forsyth Futures' work is guided by seven principles:

- Improve equitable access.
- Address racial and other disparities.
- Nurture and value diversity.
- Treat everyone with respect.
- Maximize resources and minimize duplication.
- Encourage continuous improvement and innovation.
- Share ownership and accountability.

Forsyth Futures applies systems theory as the conceptual framework to address the complexity of community change. Thus, the community is viewed as system being composed of interacting and interrelating groups and activities. Forsyth Futures' work is specifically designed to assist with (a) policy and program design, (b) resource allocation, (c) grant applications, (d) research, and/or (e) program evaluation.

Forsyth County Aging Services Planning Committee (FCASPC)

The Forsyth County Aging Services Planning Committee (FCASPC) [also referred to as the Aging Planning Services Committee of Forsyth County] is a collaboration of aging service providers and older adults that focuses upon the needs and issues that concern older adults in our county. The goal of FCASPC is to move toward a senior-friendly community; one that meets the needs of all older adults, whether frail or still in the workforce, living in nursing homes or single family homes. FCASPC works to:

- Increase awareness of the issues we face as a community.
- Provide a forum for discussion of issues that face older adults
- Provide educational opportunities with a variety of speakers and the open sharing of information
- Make recommendations to the County Commissioners regarding Home and Community Care Block Grant Funds.

Members of the FCASPC committee are advocates for aging services that include:

- Older adults from throughout the county
- Service providers
- The medical community
- Foundations
- Retirement and long-term care facilities
- County government

Contact Information

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About the Report

Conversation Process

In 2007, Team 7 for the Forsyth County Senior Power Think Tank conducted a series of surveys directed towards the baby boomer population in an effort to assess the broad issue of how they envision retirement. In 2008-2009, a series of community conversations were convened in four towns (Kernersville, Lewisville, Rural Hall and Walkertown) and three locations in Winston Salem. The goal of these community conversations was to facilitate informal dialogue on processes and services that were working well and the challenges faced by aging adults throughout Forsyth County.

In the spring of 2010, Forsyth Futures (FF) engaged the Forsyth County Aging Service Planning Committee (FCASPC) in conversations about indicators or metrics that were inclusive of older adults. During this same time frame, Governor Bev Purdue issued Executive Order 54, mandating the state to assess its readiness to address our aging population; including assessing current and proposed policies, programs and services for older adults. FCASPC has been doing this in a variety of ways since it was created by the Forsyth County commissioners in 1990.

The conversation between FF and FCASPC evolved into a mutual interest in studying the “livability” or the sum factors that add up to a better quality of life for older adults in Forsyth County. In an attempt to give more substance to that definition and to ensure that local interests were reflected, further conversations between the FCASPC and FF were held in the summer of 2010. Included in the conversations were reviews of national indicator reports (e.g., AARP and the Center for Home Care Policy and Research¹) and state aging population indicators.

Data Collection

Forsyth Futures’ data and research efforts are specifically designed to support community conversations and actions in a timely manner and at a low cost. Twelve weeks (July-September, 2010) of research and analysis time were dedicated to this project by the FF staff. Content review and editorial assistance was provided by the Executive Committee of the Aging Planning Services Committee.

The information contained in this report is provided as a small snapshot of Forsyth County’s older adults. This snapshot was framed by the following questions:

1. Who are our older adults?
2. Where do older adults reside?
3. What is the state of older adult’s health and wellness?
4. What transportation methods are used by our older adults?
5. What does our older adult’s financial picture look like?
6. How safe are our older adults?
7. How are older adults connecting in our community?
8. What issues should our community be thinking and talking about?

The data gathering process involved review of federal, state and local, for-profit and non-profit entities’ websites, available annual reports, and data sets provided by local entities. The results of the data review and analyses are provided in this report.

A total of 47 indicators with a corresponding 96 measures were researched. Attempts were made to obtain the most current data available within the research time frame. Data sets from 2008-2010 were considered. For each results area, key findings are presented in bullet points with its source(s). Sources for all data are presented with each table or figure. A complete listing of tables, figures and references in the report is presented at the conclusion of the paper. The report is designed in sections corresponding to the eight areas listed above. Complementary data and additional information not permitted in the body of the paper are available in the appendices.

Data Challenges

Several challenges were evidenced during the collection of data for this report.

Challenge #1: Terms and Definitions

One major challenge is the differing terms (e.g. older adults, senior citizens, seniors, etc) used in the field. A variety of definitions and age parameters are used for similar terms. Different institutions use different age cut-offs for their data entry, analyses and reporting for older adults (e.g. age ranges starting with 60+, 55+, 50+ or 65+). There is also a lack of consistency in the literature in the aggregation or disaggregation of age parameters from disabilities (e.g., physically disabilities) when considering “older adult” services in North Carolina and across its counties. Every county has their own criteria for determining who the beneficiary of services are based on their county’s features, budget constraints and population needs. It was not possible to ascertain simply by looking at the data what criteria was used. Additional time for individual interviews of county data producers would be required to capture the various criteria for resource allocation. Key definitions are listed in appendix A.

Challenge #2: Secondary Data

The information contained in this report was obtained primarily from secondary sources. As such, it is not possible to verify the veracity of the data or analyses. Moreover, comparisons across data sets and reports from secondary sources can be difficult because a variety of data organization and reporting strategies are used. Typically, the strategies and original data sets are not readily available or reported by authors. This can lead to a disagreement among subject matter experts.

Who are our older adults?

Recent data compiled by the Northwest Piedmont Council of Governments (2009) and the Division of Aging and Adult Services (2010) shows that older adults (65+) currently represent 13% of Forsyth County’s total population (approximately 47,000 residents). It is projected that by 2025 they will represent 17% (approximately 71,000 residents). Adults (65+) reside throughout the county with most (approximately 82%) residing in Winston-Salem. Other significant concentrations are in Kernersville (7%) and Clemmons (6%). Less than 2% live in each of the other 5 municipalities (Bethania, Tobaccoville, Walkertown, Lewisville, and Rural Hall). Most are in the 65-74 year old category (52%). The 75-84 year olds, 85-94 year olds and 95+ year olds, account for 33%, 13% and 2% of the older adult group, respectively. The majority of the population 65+ are females (61%) and 39% are males. They are racially/ethnically diverse; 39% of the population 50+ is Caucasian, 29% is Black and 7% is Hispanic.

Where do older adults reside?

According to the Beyond 50.05 nationwide survey, more than 85% of the adults 65+ earning less than \$20,000 a year agree or strongly agree with the statement: "What I really would like to do is to stay in my current residence as long as possible." This percentage is just slightly lower (76%) for adults 65+ who make more than \$50,000 a year ¹.

Some state, federal or local programs promote independence for older adults and persons with disabilities. These programs will assist individuals who qualify by providing home improvements, repairs or modifications. A second reason to support helping senior citizens remain at home as long as possible is the high cost of alternative housing options such as Assisted Living and Nursing Homes. For these two reasons, it is important to assess whether Forsyth County is prepared to provide the necessary resources to help its senior citizens maintain their living independence and quality of life ².

- Many live alone; 14.14% percent of males and 34.18% of females 65+ live alone ³;
- Rural Hall has the highest population of 65+ residents living alone (31%), followed by Lewisville (29%) and Winston-Salem (28%).

According to several sources there are three answers to where our older adults reside.

Answer 1: In their own home.

- 79.9% of persons 65+ in Forsyth County owned their homes in 2009 ⁴.
- Approximately 6,852 adults 65+ lived in the rural areas of Forsyth County in 2009⁵.
- The median home price in 2010 is \$142,000 and the median monthly home cost for an owner occupied home is \$1,255 per month in Forsyth County ⁶.
- 12.5% of adults age 65+ reported that their homes are a cost burden in Forsyth County ⁷.
- 16% of adults age 65+ live in some type of independent living arrangement and 74% of them are subsidized ⁸.

Independent Living: Independent housing facilities that may be privately owned and may be subsidized for persons who qualify based on income. These housing facilities may or may not provide supportive services (e.g. elderly apartments).

Residing in a home can be difficult as a result of financial issues. Consumer Credit Counseling Services (CCCS) of Forsyth County annual reports indicated that for FY 2010 (July 2009-June 2010) that⁹:

- 515 adults age 50+ requested Foreclosure Prevention Counseling.
- 267 adults age 50+ requested Housing Counseling.
- 1% of the adults 50-59 years old requested Foreclosure Prevention Counseling.
- Less than 1% of adults 60+ requested Foreclosure Prevention Counseling.

Answer #2: In their own home with assistance.

With increasing financial and health difficulties, there arises the need for strategies for staying in place with subsidies and in-home health assistance. Homeowners 65+ have different options to fund home modifications that will enable them to live independently longer. Depending on their financial circumstances, they could utilize various sources of funding such as reverse mortgages, federal, state or local funding or cost off-sets such as tax breaks ¹⁰.

North Carolina has 14 federal, state and local programs to assist individuals age 60+ to live safe and independently. While many entities provide information or referrals for different grants, there is not a single agency that provides information and is in charge of processing all the grants. Out of 100 counties in North Carolina, 30 counties have an entity that is specifically in charge of informing residents about home improvement funding programs (See Appendix B for a list of grants and contact information). None of the five counties with the greatest populations (Wake, Mecklenburg, Guilford, Forsyth and Durham) in North Carolina have such an agency ¹¹. In terms of home modifications, here is the 2010 year to date information:

In Forsyth County the 2010 data suggests:

- Home updates range from \$7,500 to \$75,000¹².
- There are 24 contractors certified in aging in place modifications¹³.
- Reverse Mortgage's clients borrowed \$6,984 to \$406,607¹⁴.
- Consumer Credit Counseling Services of Forsyth County provided 242 Reverse Mortgage Counseling sessions for adults 62 plus¹⁵.

Among the in-home assistance options, there are a variety of older adult supports (e.g. in home-aid) (See Appendix B for a list of in-home aid alternatives). These options assist older adults to stay in their homes longer and provide assistance with home management tasks (e.g., cooking, cleaning their immediate living area, laundry, shopping, and bill paying and reminding them to take their medications). Table 1 indicates the expenditure per client for five counties in North Carolina for this service (See Appendix B). In addition to in home care support, there are organized programs of services during the day in a community group setting for the purpose of supporting adults' personal independence and support family care takers (e.g. Adult Day Care/Day Health)¹⁶.

- The cost for In-Home Aide services may be between \$11-\$15 per/hour ¹⁷.
- There are 2 Adult Day Care/Day Health providers in Forsyth County¹⁸.

Table 1. Expenditures per Client 60+ For Adult Care Support					
Agency	Durham	Forsyth	Guilford	Mecklenburg	Wake
NC Division of Aging and Adult Services	\$2,382	\$2,391	\$5,486	\$3,247	\$5,260
NC Division of Social Services	\$2,402	\$3,080	\$3,157	\$2,604	\$3,595

(19) Source: North Carolina Division of Aging and Adult Service, Website, <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, 2010

Answer #3: Alternative living arrangements.

When older adults cannot remain in their homes, several residential alternatives exist. The North Carolina Division of Aging and Adult Services define two additional types of living arrangements:

Nursing Homes: Facilities that provide nursing or convalescent care for three or more persons per licensee.

Assisted Living Residences: Facilities designed for aged and disabled adults who may require 24-hour supervision and assistance with personal care needs. Medical care may be provided on occasion but is not routinely needed.

- In Forsyth County, about 4.9% of adults 65+ live in nursing homes ²⁰.
- There are about 3.39 women for every man residing in a nursing home.
- 5% of adults age 65+ live in assisted living arrangements in Forsyth County ²¹.

Table 2. Alternative Living Arrangements		
Housing Type	Profile	Number
Assisted Living	80% have a rating of 3 out 5 stars, 17% have a rating of 4, and 3% have a rating of 2.	40
Nursing Homes	All nursing homes are Medicaid and Medicare certified. 42% of them have an overall rating of 4 out of 5, 25% have a rating of 3, 17% have a rating of 2, and 16% have a rating of 1.	12

(22) Source North Carolina Division of Aging and Adult Service, Website, <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, 2010

*Note: There are other 4 nursing homes that are not Medicare or Medicaid certified in Forsyth County

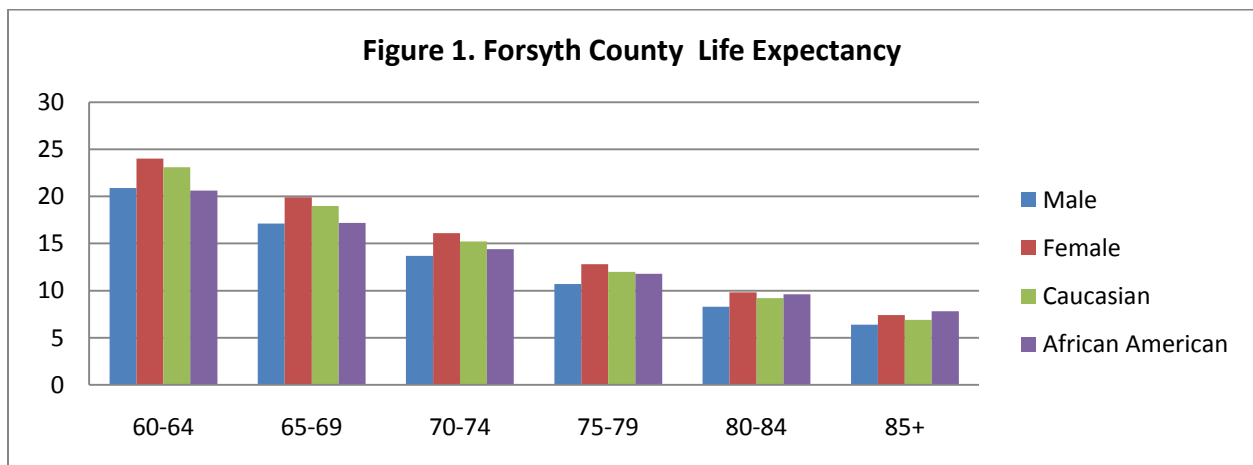
What is the state of older adults' health and wellness?

As indicated in the previous response; some older adults have health issues that limit their independence. However, many older adults are strong and physically viable. In the National Center for Chronic Disease Prevention and Health Promotion report (2009), 74% declare themselves as being in good health¹. Only 8% of adults 65+ have a “self-care disability” (i.e., needing help with dressing or bathing) and 17% of adults 65+ have a disability that requires institutionalization or external care². However, poor health is the biggest predictor of older adults needing institutionalization. For this reason, preventative care and maintenance are keys to continuing to live independently. There are six areas to consider when addressing this question:

Answer #1: Life Expectancy

Life expectancy is a general indicator of health and is useful in projecting service needs. Figure 1 is a depiction of life expectancy by older adult age groups in Forsyth County.

- The life expectancy of women in Forsyth County is on average consistently longer than men by 3.1 years. This gap reduces progressively to one year at the age of 85+³.
- The life expectancy of a female age 60-64 years old is 84-88 years old. The life expectancy of a male age 60-64 years old is 81-85 years old.
- The life expectancy of Caucasians is longer than African Americans in most age stages and on average. But, this gap also reduces progressively and, African American life expectancy even surpasses the life expectancy of Caucasians by age 80.
- The life expectancy of a Caucasian age 60-64 years old is 83-87 years old. The life expectancy of an African American age 60-64 years old is 80-84 years old.



(3) Source: North Carolina Center for Health Statistics, Website, <http://www.schs.state.nc.us/SCHS/data/lifexpectancy/>, updated in 2009

Answer # 2: Healthy Behaviors

The first step to remaining healthy is to maintain healthy habits. Table 3 provides information about two indicators of a health promoting life style. In terms of nutrition and wellness, Forsyth County’s 65+ population has a higher percentage of individuals with healthy habits when compared to the total 65+ population in North Carolina.

Table 3. Comparative Nutrition and Wellness			
Indicators	Measures	Forsyth County Adults 65+	North Carolina Adults 65+
Wellness	Exercise	70.9	64.8%
	Smoking	7.70	9.4%
Obesity	Obesity	17.30	24.5

(4) Source: National Center for Chronic Disease Prevention and Health Promotion, Website, <http://apps.nccd.cdc.gov/BRFSS/index.asp>, 2009

Answer #3: Preventative and Maintenance of Health Services

The second step to maintaining good health is to have periodic examinations to screen for potential illness as well as receiving regular treatments to prevent diseases that may be deadly. For instance, nationally, pneumonia shortens the life expectancy of a person by four years on average⁵. Table 4 provides information about three indicators of disease prevention and control. In terms of receiving preventative care, immunization rates and oral health, Forsyth County’s 65+ percentage is slightly above the 65+ percentage in North Carolina. This suggests a relatively strong local system for preventative care.

Table 4. Comparative Preventative Care and Immunization			
Indicators	Measures	Forsyth County Adults 65+	North Carolina Adults 65+
Preventative Care	Adult women Mammogram	86.8%	81.8%
	Cholesterol Check	98%	96.1%
	Colonoscopy Check	79%	75%
Immunization	Pneumonia Shot	72.2%	69.8%
	Flu Vaccine	74.9%	71.5%
Oral Health	Dentist Visit	69.39%	64.9%

(5) Source: National Center for Chronic Disease Prevention and Health Promotion, Website <http://apps.nccd.cdc.gov/BRFSS/index.asp>, 2009.

Answer # 4: Chronic Disease and Disabilities

Daily functioning and physical functioning are keys to a healthy quality of life. For that reason, we list five indicators that may impede older adults daily functioning. Table 5 provides information about these indicators of chronic diseases and disabilities.

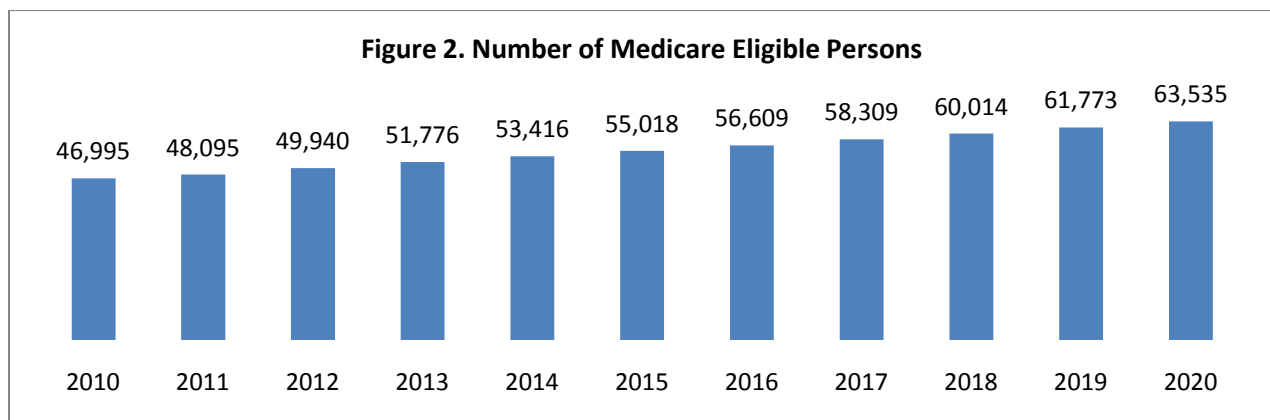
Indicators	Measures	Forsyth County Adults 65+	North Carolina Adults 65+
Disabilities	Adults limited by physical, mental or emotional disabilities	30.7%	31.4%
	Adults with health issues that need special equipment	21%	19.7%
Hip Fractures	Hip Fractures	1.50%	1.55%
Dental	Complete Tooth Loss	21.3%	21.3%
Diabetes	Diabetes	16.4%	21.3%
Cardiovascular Diseases	Heart Attack	9%	13.5%
	Stroke	6.13%	8.6%
	Coronary Heart Disease	11.67%	11.8%

(6) Source: National Center for Chronic Disease Prevention and Health Promotion, Website <http://apps.nccd.cdc.gov/BRFSS/index.asp>, 2009

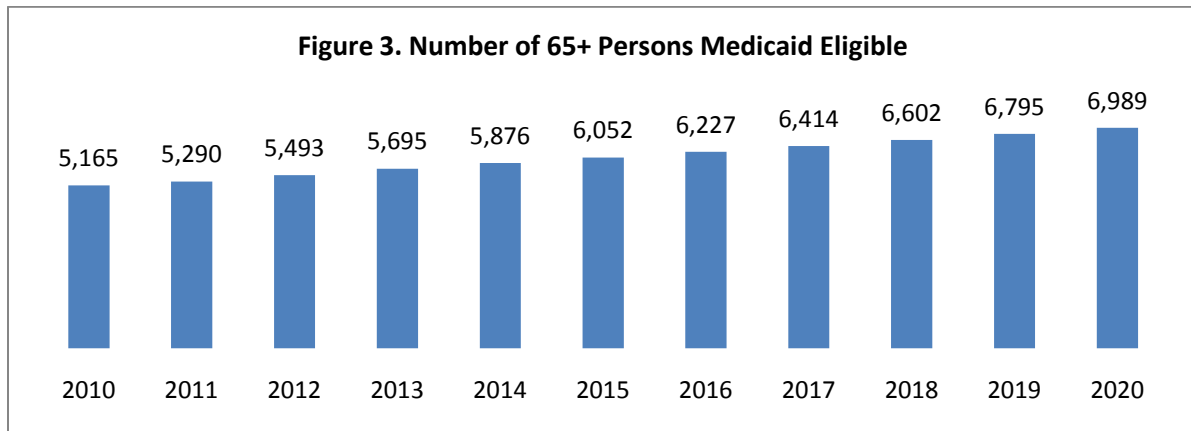
Answer # 5: Medicaid and Medicare utilization

Knowing the number of potential Medicaid and Medicare users for the next ten years is important in accurately assessing the future budgetary and healthcare service demands on the county. The US Census Bureau reports the following⁷:

- As of year 2010, 5,165 adults 65+ are eligible for Medicaid
- From 2010 to 2020 the increment per year of residents eligible for Medicare will increase 2-4% from the previous year.
- From 2010 to 2020 there will be an increase of 35% of residents eligible for Medicaid.



(8) Source: US Census Bureau, <http://www.census.gov/population/projections/state/9525rank/ncprsel.txt>, use 2010-2020 projections



(9) Source: Us Census Bureau, <http://www.census.gov/population/projections/state/9525rank/ncprsrel.txt>, use 2010-2020 projections

Answer # 6: Availability of Health Services

Thirty five percent of all patients were 70+ in Forsyth Medical Center (* Note legal name is Forsyth Memorial Hospital) from June 2009 - May 2010¹⁰ (*Note Request for Forsyth County, 65+ data for Forsyth Medical Center was being processed at publication date). From July 2009 – June 2010, 44% of the patients in WFUBMC¹¹ and twenty percent of all patients at the three Prime Care facilities were 65+¹². Since older adults are a significant proportion of patients, it is important to assess if Forsyth County has an adequate supply of medical services to meet the needs of an aging population. According to the North Carolina Department of Health and Human Services, the following licenses were issued in Forsyth County:

- Forsyth County has 2 major licensed hospitals (WFUBMC and Forsyth Medical Center (*Note Forsyth Memorial Hospital is the legal name). In addition, there are two other entities licensed as separate hospitals: Medical Park Hospital and Select Specialty Hospital-Winston Salem¹³.
- There are 30 geriatric specialists

Related to the issue of health providers, we need to know the number of other health related services in the area that support adequate care. A review of several business sources (e.g. yellow pages, internet searches, etc) yielded the following:

- Forsyth County has 99 pharmacies¹⁴.
- In general, medical care and pharmacies are located within the zip code 27103 which includes Ardmore, the Stratford Rd neighborhood, Hanes Mall neighborhood, Peace Haven neighborhood, South and Southwest neighborhood¹⁵ (See Appendix C for a list of medical providers).

What transportation methods are used by our older adults?

There are five transportation alternatives for older adults: motor vehicle, public transportation, Transaid, private transportation and volunteer transportation. It is important to know all the resources the community offers to help older adults move around the county.

Answer # 1: Motor Vehicle

Private transit is a major form of transportation for many older adults. It is the method of transportation that provides older adults with the highest level of flexibility and independence. Table 6 presents the percentage and number of older adults who are no longer driving. According to the North Carolina Division of Transportation (personal communication), Forsyth county’s older adult driver profile is as follows¹:

- 10.23% of females do not drive between the ages of 65-74 years old. The rate at which females no longer drive increases with age.
- 20.87% of women do not drive between the ages of 75-84 years old. 51.82% of females between the ages of 85 to 94 do not drive. And, 89.8% of women ages 95+ do not drive.
- 9.75% of men aged 65-74 years old do not drive. This percentage is comparable with women of the same age cohort.
- 13.48% of men aged 85-94 years old do not drive. However, this is considerably lower than the percentage of women in the same cohort (51.82%).

Ages	%	Males Population	%	Females Population
35-44	16.48%	4,073	11.36%	2,850
45-54	9.82%	2,379	6.32%	1,651
55-59	10.32%	1,079	7.12%	846
60-64	9.13%	837	6.93%	714
65-74	9.75%	1,101	10.23%	1,352
75-84	2.75%	169	20.87%	1,954
85-94	13.48%	262	51.82%	2,187
95+	58.72%	101	89.80%	546

(2) Source: North Carolina Division of Transportation, Personal Communication, S. Abbott, June 2010

(3) US Census Bureau, Website, <http://www.census.gov/population/projections/state/9525rank/ncprsrel.txt>, used projections 2010

Answer # 2: Transaid

Transaid provides free general and medical transportation services for adults 60+ who are Medicaid recipients and adults with a disability, otherwise the service costs 0.50 cents per trip regardless of the purpose of the trip. They operate within the city limits and offer curb to curb transportation ⁴.

According to Transaid, their users' profile is as follows⁵:

- In 2010, 68% of Transaid users are female and 32% are male.
- Of all age groups the highest percentage among Transaid users is the cohort between the ages of 51-64 years old (40%), followed by the users that are 65+ (33%).
- 81% of Transaid users do not have a driver's license; and 92% of the users do not have a car to make the trips.
- 82% of the Transaid users have been using the service for more than one year.
- 50% of the users utilize Transaid services 3 times per week or more. 9% of the users utilize Transaid services 1-2 times per week. 29% of the users utilize Transaid services 2-3 times a month.

Transaid customer concerns are surveyed regularly. One of the concerns of Transaid users is that the service needs to be requested between 14 days to 24 hours in advance. This provides very little flexibility for unexpected events. The schedule is already pre-established at the time of setting the appointment. Another concern is the availability of the service. In addition to the regular buses, there are currently 10 green buses. Nine additional green buses will be added which will bring the total to 19 green buses⁶.

In the most recent customer service satisfaction, the following was reported⁷:

- Customers rated Transaid with a score of 4 on a scale of 1 (very dissatisfied) to 5 (very satisfied).
- The lowest rated item was: "wheelchair lift works reliably." Customers gave it a grade of 2 (from a scale 1 to 5).
- Open ended items point out customers' concerns regarding lack of flexibility to schedule a trip for unexpected events and lack of communication between dispatcher and driver in contingent events.

Answer #3: Public Transportation City limits Winston Salem

This service is provided only for Winston Salem city limits. This is an important source of transportation because most Forsyth County residents 65+ live within Winston-Salem⁸.

Geographical Supply

There are 23 bus routes that provide public transportation for Forsyth County. Six of the bus lines also have night schedules connecting the northeast, northwest, southeast and southwest sides of town to the Transportation Center in downtown⁹. There are two major connector lines for the Northwest and Southwest side of town¹⁰. Sixty five percent of the bus lines run on the west side of town.

Other noteworthy features of our local buses include:

- All buses have air conditioning and heating¹¹.
- In addition to the regular buses, currently there are 10 buses with low floors called green buses. The public transportation department will be getting 10 more of these buses¹².

- Buses can stop on every corner of the route if there is a person standing. However, that will change within the next year. At that time, buses will stop only at bus stop signs.
- For the most part of every bus route there are no bus stop shelters. There are two shelters on average per one direction route ¹³.
- None of the buses offer a peak hour schedule. The buses run every 45 minutes to 1 hour and 15 minutes on average. There are no buses on Sundays ¹⁴.

Related to public transportation dependability is the quality of sidewalks. According to various sources our system is rated as follows:

- Customers have graded public transportation with a B+ ¹⁵.
- 98% of the time buses are dependable. However, they may not run if there is inclement weather. Last year (winter 2009-2010) the bus lines were cancelled only one time due to a 7 inch snowfall ¹⁶.
- The overall grade by the residents of Forsyth County for the number of sidewalks, their adequacy, and roads layout and design is B+ ¹⁷.

Answer # 4: Private Transportation

In addition to volunteers there are private companies that provide transportation for older adults. However, this type of transportation is very costly particularly for people who need special equipment. The cost for transportation may range from \$17 to \$70¹⁸. This type of transportation has wheelchair arrangements and service trips for any purpose (e.g. medical appointments, grocery shopping or hair appointment).

Answer # 5: Other Transportation Providers

Forsyth County has a series of volunteers that help alleviate the transportation needs of older adults in the municipalities outside Winston Salem city limits that Public Transportation and Transaid do not cover. However, some of these volunteer groups have very specific criteria to whom they provide transportation (See Appendix D for a list of some alternative transportation providers and their features)¹⁹. For example, all require an advance notice to schedule a trip; notice ranges from a one week to a one day notice ²⁰. Also, residents typically must live in specific areas of Forsyth County. Moreover, volunteer services usually do not have wheel chair accommodations.

What does our older adults' financial picture look like?

Older Adults differ in socioeconomic status, employment status and may have diverse financial challenges. Other major predictors of older adult future well being depend on income level and employment status. For this reason, is important to understand which adults are at risk of falling into financial distress.

Answer # 1: Income diversity

Older adults have different income levels; however the group that tends to become poorer as they age is the person that makes less than \$25,000 a year. It is important to assess the number of people who may need supplemental resources as they age ¹. Some key related income findings, according to Northwest Piedmont Council of Governments, are provided in Tables 7 and 8, and include the following²:

- The average household income is \$47,308; the average household income for adults 65-74 years old is 43,938 and the average household income is 32,720 for adults 75+ in Forsyth County.
- 22% of adults 65+ reported earning less than \$15,000 and 17% make \$15,000-\$24,999.

Income by Age	65-74	75-84	85+
<\$15,000	18.61%	22.87%	32.12%
\$15,000-\$24,999	17.09%	16.22%	20.21%
\$25,000-\$34,999	14.17%	12.02%	12.36%
\$35,000-\$49,999	17.23%	10.69%	11.76%
\$50,000-\$74,999	16.09%	14.81%	11.47%
\$75,000-\$99,999	7.40%	10.41%	4.68%
\$100,000-\$149,000	4.66%	6.12%	3.22%
\$150,000-\$199,999	1.61%	3.00%	1.43%
\$200,000+	3.14%	3.86%	2.74%

(3) Source: North West Piedmont Council of Government, Website, www.nwpcog.org, 2009

- Compared to their neighbors, the municipality with the highest average household income is Clemmons for people in the age group 65-74 years old. However, the average income of adults 75+ is 35,247 ⁴.
- The municipality with the lowest average household income is Walkertown with \$33,885 for people in the age group 65-74 years old. But the average income for adults 75+ is \$30,134.
- Compared to their earlier cohort, the income of adults 75+ decreases from 11% to 53% compared to the income of adults between the ages of 65-74 ⁵

Table 8. Average Household Income for Adults 65+ by Municipality, 2009

	Group 1	Group 2	
Location	65-74	75+	% Group Difference
Bethania	53,190	25,000	-53%
Clemmons	57,005	35,247	-38%
Kernersville	40,779	28,397	-30%
Lewisville	36,656	20,583	-44%
Rural Hall	36,782	20,011	-46%
Tobaccoville	50,750	28,577	-44%
Walkertown	33,885	30,134	-11%
Winston Salem	42,595	34,695	-19%
Forsyth County	43,938	32,720	-26%

(6) Source: North West Piedmont Council of Government, Website, www.nwpcog.org, 2009

Answer # 2: Financial Challenges

It is important to understand the number of people who may need supplemental resources to assess county future needs.

- About 7.9 % of adults 65+ live below the poverty line as of 2008 in Forsyth County ⁷.
- Forsyth County has the second lowest level of adults 65+ below the poverty line compared to the five benchmark counties in the state of North Carolina.
- About 7.2% of adults 65+ identified themselves as unemployed as of 2010 for Forsyth County ⁸.

Table 9. Adults 65 + Below the Poverty Line

County	Wake	Mecklenburg	Durham	Guilford	Forsyth	NC
%	7.1%	8.4%	8.3%	8.4%	7.9%	11.3%

(9) Source: North Carolina Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/dhsr/reports.htm>, 2009

How safe are our older adults?

Older adult safety is a concept with several dimensions. Driving safety is related to a number of accidents or traffic violations a group commits. Another dimension of safety is related to the vulnerability of older adults because they may need the assistance of others to help them with their daily activities. This group may be at risk of maltreatment or neglect due to their dependence on others.

Answer # 1: Driving Safety

There is great variability in Forsyth County regarding the age at which older adults cease having a driver's license. The variables that predict whether a person is still driving are gender, race and age.

- For Caucasian females and males, possession of driver’s license drops significantly between the ages of 75 to 79 years old. This age threshold changes by gender in other ethnic groups ¹.
- For African American males, possession of a driver’s license drops significantly between the ages of 70 to 74 years old. On the other hand, for African American females, possession of a drivers’ license drops significantly between the ages of 65 to 69 years old².
- Another ethnic group with gender differences is the Hispanic population. For Hispanic males possession of driver’s license drops between the ages of 65 to 69 years old. Meanwhile for Hispanic females possession of driver’s license drops significantly between the ages of 51 to 55 years old³.

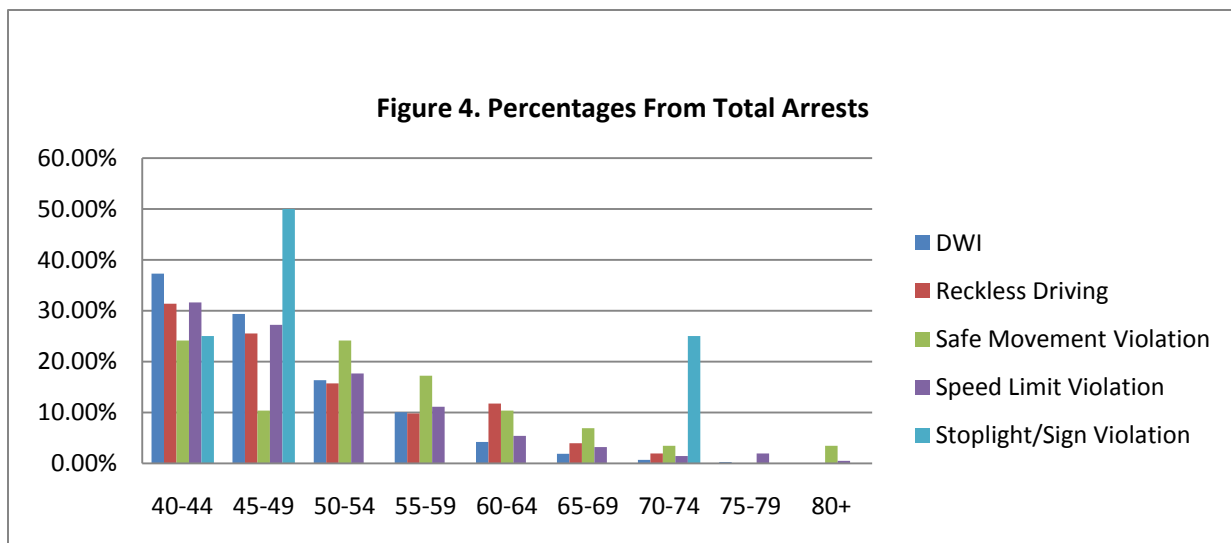
Police departments’ data confirm that older adults do not commit more traffic violations than their younger cohorts. Table 10 shows the percentage of adults by age group that committed traffic infractions and were actually arrested ⁴.

- Traffic infractions and arrests tend to drop as residents get older. 1.43% of the adults between the ages of 65-74 years old have had an infraction and less than 1% of the adults age 75 plus had an infraction⁵.

Table 10. Percentage Within Age Group Arrested or Committing an Infraction					
Age Group 2010	45-54	55-59	60-64	65-74	75+
Arrests	1.02%	0.55%	0.31%	0.19%	0.08%
Infractions	3.69%	2.66%	2.07%	1.43%	0.63%

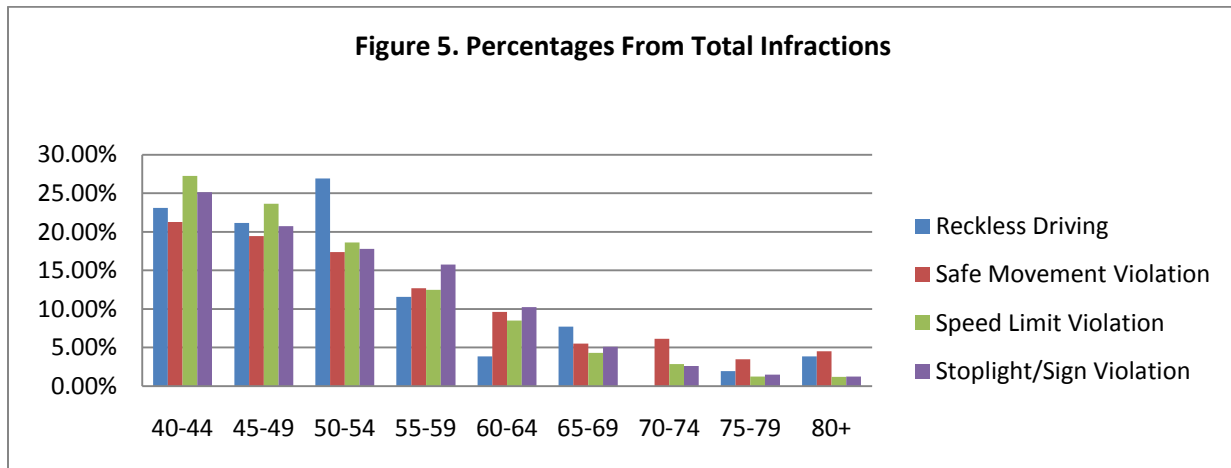
(6)Source: Winston Salem Police Department, Personal Communication, B. Morgan, 1/2009-12/2009

- From the total percentage of arrests of adults 40 plus, adults 65+ commit 3% of the arrests due to DWI, 6% of the arrests due to Reckless Driving, 11% of the arrests due to Safe Movement Violation, 6% of the arrests due to Speed Limit Violation and 25% due to Stoplight Violation ⁷.



(8) Source: Winston Salem Police Department, Personal Communication, B. Morgan, 1/2009-12/2009

- From the total percentage of infractions of adults 40+, adults 65+ commit 13.5% of the infractions due to Reckless Driving, 20% of the infractions due to Safe Movement Violation, 9.56% of the infractions due to Speed Limit Violation and 10.36% due to Stoplight Violation 6.



(9)Source: Winston Salem Police Department, Personal Communication, B. Morgan, 1/2009-12/2009

Older adults are not involved in more accidents with respect to their younger cohorts. Table 12 depicts the percentage of adults that are engaged in an accident by age group.

- Accidents tend to reduce as residents age. 3% of the adults between the ages of 65-74 years old have had an accident. 2% of the adults age 75+ have had an accident ¹⁰.
- When involved in an accident, 1% of adults between the ages of 65-74 years old get injured and 1% of adults age 75 plus get injured¹¹.
- The percentage of fatalities among adults 65+ is about zero¹².

	45-54	55-59	60-64	65-74	75+
Number of Accidents	2,322 (5%)	897(4%)	710 (4%)	798 (3%)	828 (2%)
Fatalities	6(0%)	2(0%)	0(0%)	2(0%)	1(0%)

(13) Source: Winston Salem Police Department, Personal Communication, B. Morgan, 1/2009-12/2009

Although older adults do not commit more traffic violations than their younger cohorts, the most prevalent infraction for this age group is safe movement violations ¹⁴. There are no refresher classes for senior citizens that are required by the DMV of Forsyth County¹⁵. A noteworthy observation is that other states provide this training. For example, AARP-California sponsors mature driver training to their older citizens ¹⁶. However, the Division of Aging and Adult Services did spend \$145,275 in Vocational Rehabilitation for FY 2009 in an effort to retrain adults 60+ post disabilities¹⁷.

Related to the issue of driving safety is street lighting and traffic signs. In FY 2009 the City of Winston Salem reported 99.3 % uninterrupted street lighting operations, 3,898 traffic signs installed or repaired. Overall the customer satisfaction ratings for these items were B- and B respectively¹⁷. As of FY 2009, 62% of the roads were maintained under pavement conditions from the benchmark of 85% PCR (Pavement Condition Street) Scale. The customer satisfaction rating for this item was B-¹⁸.

Answer # 2: Maltreatment

Of the total number of APS referrals (544), 340 received APS Information and Referral Services as these reports did not meet the legal criteria for APS evaluation. Of the total, 156 cases met the criteria for APS evaluation during the fiscal year 2010. Fifty nine percent (N=92 people) of the cases evaluated were between the ages of 60-84 years old and 15% (N=23 people) were 85+ for fiscal year 2010¹⁹. Also noted in this report were the following:

- About 68 of the cases evaluated involved females and 47 males among the persons categorized as adults 60+²⁰.
- Approximately 74 of the cases evaluated were categorized as Caucasian, 39 African American, 1 Black-Hispanic and 1 White-Hispanic among adults 60+.

The majority of clients served during the fiscal year 2010 were living with family 47% (N=54) followed by those living alone 39% (N=45), those living in facilities 10% (N=12), and 4% (N=4) living in other arrangements among adults 60+²¹.

- Adult Protective Services categorized 34% (N=39) of the cases with a medical/physical illness disability among adults 60+; followed by Alzheimer's disease with 16% (N=19)²².
- For fiscal year 2010 the majority (74% or 85 persons) of the Adult Protective Services evaluations involved residents of Winston-Salem, while fewer were from outlying areas and towns within the county²³.
- The majority of APS reports were for neglect 64% (N=74), followed by 15 % (N=17) for allegations of exploitation²⁴.
- 3 % (N=3) were confirmed cases of abuse and 6% (N=7) of the cases had a confirmation of repeated maltreatment for fiscal year 2010²⁵.

How are older adults connecting in our community?

Older adults can connect with the community in several ways. They can participate in community events, contribute through volunteer opportunities and continue in the workforce.

Answer #1: Continuing Education

There are three schools that offer most of the adult (age 23+) Continuing Education in Forsyth County: Winston Salem State University, Salem College, and Forsyth Technical Community College¹. For students age 50+, the following was reported by these institutions:

- At Salem College, students 50+ major in: Art, History, Psychology, Interior Design, Religion and Sociology respectively, and are pursuing all degrees².
- At Forsyth Technical Community College, adults 50+ major in: Human Service Technology, Medical Office Administration, Accounting, Logistic Technology and Electronics respectively³.
- At Winston-Salem State University, students 50+ get degrees in: Nursing, Business Administration, Psychology and Vocational Rehabilitation Counseling⁴.

The institution with the highest number of older adults pursuing a degree was Forsyth Technical Community College⁵. This could be an indication of the willingness of older adults to gain skills to keep participating in the workforce. Other key enrollment figures are:

- There are 989 students enrolled in Winston-Salem State University, Salem College and Forsyth Technical Community College who are 50+⁶.
- All students 50+ enrolled in Forsyth Tech, Salem College and Winston-Salem State University represent about 1% of the 50+ population⁷.

Table 12. Total Enrollment of Students 50+ As Of Spring 2010			
School	Salem College	Forsyth Technical Community College	Winston Salem State University
Total Enrollment	48	583	358

(8)Source: Salem College, Personal Communication, M. Ashley, spring term 2010

Source: Forsyth Technical Community College, Personal Communication, B. Schneider, spring term 2010

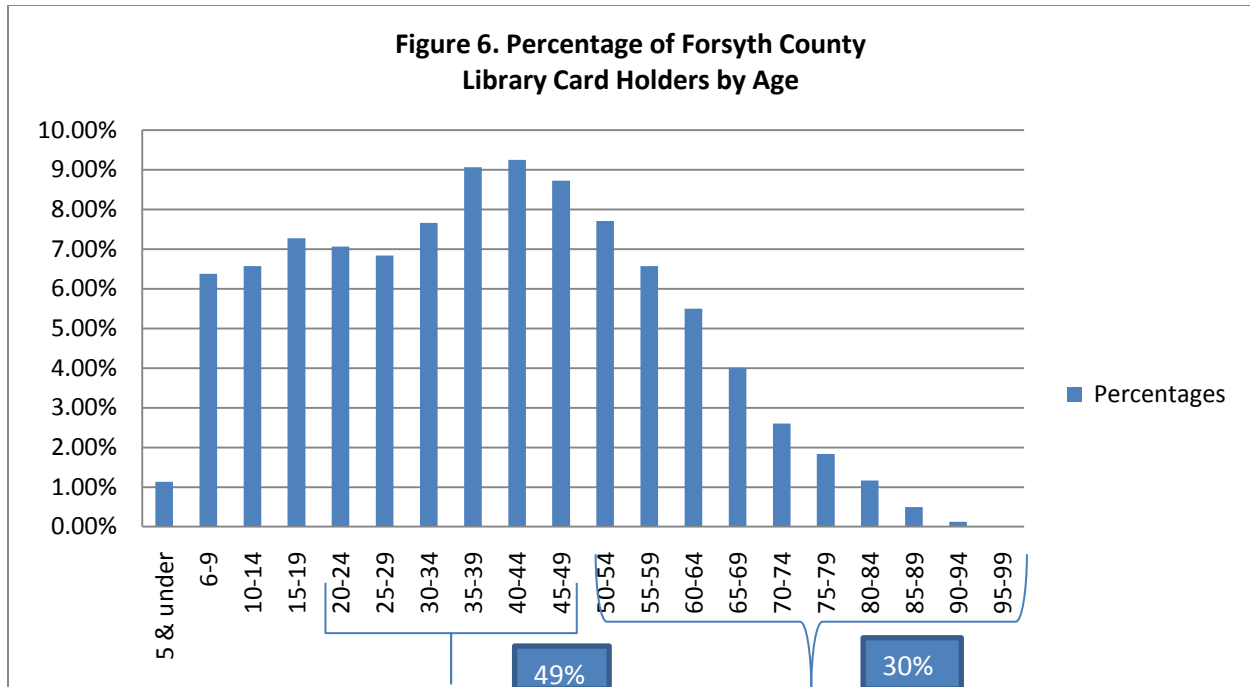
Source Winston Salem State University, Website, <http://www.northcarolina.edu/>, 2010

Another way to continue updating skills is through the learning of technical skills. The primary sources for this type of education indicate the following:

- At Forsyth Technical Community College, there are a total of 81 students 50+ who are pursuing information technology degrees. These students represent 14% of the total number of degree seeking students 50+⁹.
- 44% of the total students taking computer classes were 50+ in the Library's Computer Training Bridge Program including the two Shepherd Centers, July 2009-June 2010¹⁰.
- About 4% of the total population of Forsyth County who are 50+ take computer classes in the Library's Computer Training Bridge Program¹¹.

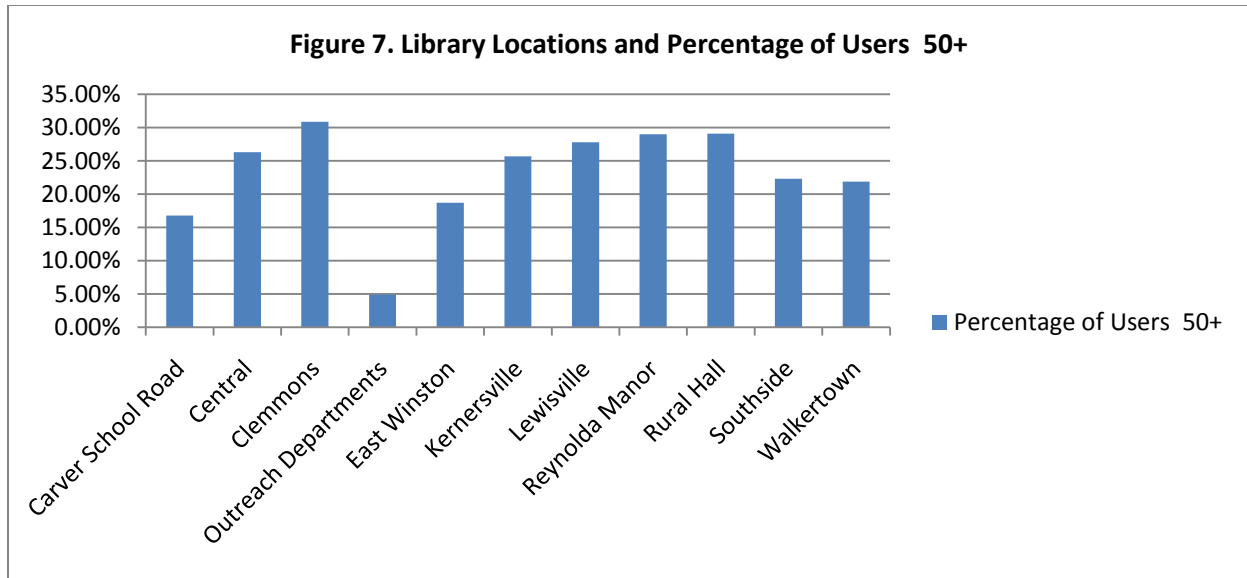
Libraries are key locations to acquire information and skills. For that reason, it is important to assess whether older adults are utilizing the resources of the community.

- Approximately 30% of the total Forsyth County library card holders are 50+ as of July 2010¹².
- About 4.01% of the total card holders are 65-69 years old, 2.6% are 70-74 years old, 1.83% are 75-79 years old, 1.16% are 80-84 years old, 0.50% are 85-89 years old, and 0.13% are 90+¹³.



(14)Source: Forsyth County Public Library System, Personal Communication, M. Shaw, 2010

- Clemmons Library location has the highest percentage of card holders 50+ (30.90%). Rural Hall ranks second (29.10%) and Reynolda Manor ranks third (29%) as of July 2010 ¹⁵.
- The Outreach Departments rank last in the percentage of cardholders who are 50+ (4.9%) as of July 2010 ¹⁶.
- Library users who are 50+ follow the same pattern of attendance as all users. Libraries that tend to have higher levels of card holders also have high levels of card holders that are 50+. And libraries that have low levels of total users also tend to have lower levels of card holder's users 50+ ¹⁷.



(18)Source: Forsyth County Public Library System, Personal Communication M. Shaw, 2010

- Senior attendance to recreation centers was 8,088 in FY 2009 (July 2008-June 2009). This figure is 1% of total attendance at recreation centers ¹⁹.

Year	FY 06	FY 07	FY 08	FY 09
	10,159	10,736	11,286	8,088

(20)Source: City of Winston Salem, Website, http://www.cityofws.org/Assets/CityOfWS/Documents/Budget/Performance%20Scorecard/PerformanceScorecard2008-2009_2feb2010_www.pdf, FY2009 (July 2008-June2009)

Answer #2: Volunteering

Older adults form a significant segment of Forsyth County therefore their contributions to the community is key. As this group keeps increasing in numbers, their efforts and experience will continue to benefit the community as a whole.

- 20% of residents 65+ volunteer in some type of organization in Forsyth County ²¹.
- There are several organizations in which people can volunteer but approximately 19 organizations specifically focus on recruiting senior volunteers in Forsyth County and 15 organizations statewide ²² (see Appendix F).

Forsyth County 65+	North Carolina 65+	North Carolina	US
20%	22.7%	25.3%	26.4%
	rank 34 th nationally	rank 35 th nationally	

(23)Source: US Bureau of Labor Statistics, Website, <http://www.bls.gov/news.release/volun.nr0.htm>, 2009
Volunteering in America, Website, <http://www.volunteeringinamerica.gov/>, 2009

To capture all venues where older adults volunteer, we needed to underscore to what degree a community has a volunteer development program. Forsyth County is one of seven counties with local agencies that offer a “Volunteer Development Program”²⁴.

- The Shepherd Center of Greater Winston Salem and Kernersville, the Retired and Senior Volunteer Program, and Senior Enrichment-Kernersville promote volunteerism among members of the community ²⁵.
- None of the other four biggest counties (Mecklenburg, Wake, Guilford, and Durham) in North Carolina has this type of program in place ²⁶.

County	Agency
BUNCOMBE	VOLUNTEER CENTER (UNITED WAY)
DAVIDSON	DAVIDSON CO SENIOR SERVICES
FORSYTH	SHEPHERD CENTER OF GREATER WS AND KERNERSVILLE RETIRED AND SENIOR VOLUNTEER PROGRAM SENIOR ENRICHMENT
JOHNSTON	JOHNSTON CO COUNCIL ON AGING
PITT	PITT CO COUNCIL ON AGING
RANDOLPH	VOLUNTEER CENTER OF RANDOLPH
ROCKINGHAM	CAREGIVERS OF ROCKINGHAM CO

(27) Source: North Carolina Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010

Answer #3: Voting

Older adults in Forsyth County are civically engaged with the community. They are a significant segment of the voting population.

- In Forsyth County 21% of the total voters were 65+ in the last general election of 2008, and they formed 20% of registered voters ²⁸.

Age Group	35-44	45-64	65+
% of Total Voters	17%	40%	21%
% Registered Voters	17%	36%	20%

(29)Source: Forsyth County Board of Elections, Personal Communication, C. Duffey, 2010

Answer #4: Participation in Community Social and Recreational Activities

It is important to underscore whether Forsyth County provides enough opportunities for gathering and socializing. The most social areas with services are around the heart of the city, the south side of Winston-Salem and Kernersville ³⁰.

- There are 349 churches, 3 synagogues and 3 mosques in Forsyth County ³¹.

- There are 25 organizations that offer membership, art activities, physical, recreational indoor/outdoor activities and leisure education ³² (see Appendix F).
- There are several performance arts theaters: The Stevens Center, South Fork Community Center and Miller Park Amphitheater, SECCA, Milton Rhodes, Wake Forest B Recital Hall, Little Theater, NC Black Repertory Co, Kernersville Little Theatre, Piedmont Opera, Heritage Theatre, Hanesbrand Theatre³³.
- Forsyth County has 2 senior centers, 66 parks and greenways, 11 libraries and 17 recreation centers³⁴.

	Wake	Guilford	Forsyth	Mecklenburg	Durham
Senior Centers	5	4	2	3	3
Population Number 65+	68,762	58,662	46,955	78,025	25,558

(35) Source: Division of Aging and Adult Services, Website, <http://www.ncdohhs.gov/aging/service.htm>, 2010
 Source: Office of State Budget and Management, Website, http://www.osbm.state.nc.us/ncosbm/facts_and_figures/socioeconomic_data/population_estimates.shtm, 2010 projections

Parks and Greenways are other locations where older adults can socialize. The areas with the highest number of green areas ranked as follows: 27105, 27107, 27101, 27106 and 27103 which are located in the four regions of the county (northeast, southeast, northwest and southwest respectively ³⁶. The overall citizen satisfaction rating for parks, greenways and recreation centers is B+ ³⁷.

- The zip code with the highest number of recreation centers is 27105 followed by 27107 and 27106. The area with the least number of recreation centers is 27104 ³⁸.
- The zip code with the highest number of library locations is 27101. Libraries are located in the four regions of the county. The Southeast area of town has the highest number of libraries, followed by the southwest ³. The northwest and northeast sides of town have 2 each ³⁹.
- There are 2 senior centers in Forsyth County: one in 27284 and 27103 ⁴⁰.

What issues should our community be thinking and talking about?

Answer #1: Financial

- Financially maintaining the 65+ population in their homes; current cost burden (ratio of income to home-ownership expense) threatens this population with foreclosure.
- Making structural improvements necessary for ease of access as a person ages and the funding necessary for these improvements.
- Keeping the older population healthy to the age of 85 to decrease their need for a nursing home.

Answer #2: Health

- Health services heighten the need to focus on the older adult female population given that there are more females than males in this age group.
- Maintaining the healthy outcomes currently experienced by older adults in Forsyth County.
- Ensure that pharmacies are distributed throughout the county.
- Prepare for the increasing Medicare and Medicaid eligible population.

Answer #3: Transportation

- Expansion and improvement of transportation routes to rural areas.
- Ensuring a system is in place to address needs as residents become non-drivers (particular female groups and minorities).
- Despite strong volunteer transporting, there is a need to expand Transaid services for residents with disabilities.

Answer 4: Safety

- Addressing the lack or limited assessment of knowledge and skills leading to traffic infractions such as running stop lights, safe movement violations, etc.
- Identifying and improving resources in the community to improve driving skill.
- Understand the profile of who is the victim of abuse (e.g. disability type, gender or living accommodations) in order to predict at risk populations.

Answer #5: Educational and Recreational Opportunities

- Providing opportunities to gain new knowledge and skills
- Promoting self-advancement and community contributions
- Acknowledge and support the high level of volunteers among older adults
- Limited use of recreation centers by older adults (may be a function of location)
- Significant voting cohort.

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Appendix A: Data Sources and Definitions

Housing

Sources

- (1) Beyond 50.5 A Report to the Nation on Livable Communities: Creating Environment for Successful Aging, Cavanaugh Press, pg 58
- (2) North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, 2010
- Forsyth County City Data, http://www.city-data.com/county/Forsyth_County-NC.html, 2009
- (3) Northwest Piedmont Council of Governments, Website, www.nwpcog.org, 2009
- US Census Bureau, Website, <http://factfinder.census.gov/servlet/GCTTable>, 2009
- (4) Forsyth County City Data, http://www.city-data.com/county/Forsyth_County-NC.html, 2010
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- US Census Bureau, Website, <http://factfinder.census.gov/servlet/GCTTable>, 2008
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- (7) North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, July 2008-June2009
- (8) Forsyth Futures Research Team, Personal Communication, July 2010
- (9) Consumer Credit Counseling Services at Forsyth County, Personal Communication, D. Hall.

*Note: Clients

- (10) North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, July 2008-June2009
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- (12) National Association of Home Builders from Winston Salem, Personal Communication, M. Parks, June 2010
- (13) National Association of Home Builders from Winston Salem, Personal Communication, M. Parks, June 2010
- (14) Consumer Credit Counseling Services at Forsyth County, Personal Communication, D. Hall.

*Note: Clients

- (15) Consumer Credit Counseling Services at Forsyth County, Personal Communication, D.Hall
- (16) North Carolina Division of Aging and Adult Service, Website, <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>
- (17)** North Carolina Division of Aging and Adult Service, Website, <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>
- (18)** North Carolina Division of Aging and Adult Service, Website, <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>
Forsyth County Division of Aging and Adult Services, Personal Communication, Vickie Poore
- (19)** North Carolina Division of Aging and Adult Service, Website, <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>
- (20)** US Census Bureau, Website, <http://factfinder.census.gov/servlet/GCTTable>, 2009
- (21)** US Census Bureau, Website, <http://factfinder.census.gov/servlet/GCTTable>, 2009
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Forsyth Futures Research Team, Personal Communication, July 2010
- (22)** North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, July 2008-June2009
Forsyth County Division of Aging and Adult Services, Personal Communication, Vickie Poore

*Note: All data above pertains to the year 2010 unless otherwise specified.

Definitions

Foreclosure Prevention Counseling: Counseling for home owners with imminent risk of home foreclosure

Housing Counseling: Counseling for anybody trying to save their home but the risk of home lost is not imminent.

Home as Cost Burden: When monthly expense of mortgage is more than 30% of total monthly income

Reverse Mortgage: To use home equity to borrow money without need to pay back until homeowner is deceased.

CAIP: Certified in Aging in Place house modifications.

Health

Sources

- (1) National Center for Chronic Disease Prevention and Health Promotion, Website <http://apps.nccd.cdc.gov/BRFSS/index.asp>, 2009.
- (2) Northwest Piedmont Council of Governments, Website, www.nwpcog.org, 2009
- (3) North Carolina State Center for Health Statistics, Website, <http://www.schs.state.nc.us/SCHS/data/lifexpectancy/>, updated in 2009
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- (7)-(9) US Census Bureau, Website, <http://factfinder.census.gov/servlet/GCTTable>, 2010-2020 projections
- (10) Forsyth Memorial Hospital, Personal Communication, K.Swauger, 2010

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*Note: Patients

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- (13) Department of Health and Human Services, Website, <http://www.ncdhhs.gov/dhsr/reports.htm>, 2009

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(14) Yellow pages, Website, <http://www.yellowbook.com/yellow-pages/?what=pharmacies&where=Winston+Salem%2c+NC&page=1,2010>
(15) City Data 2010, Website, <http://www.city-data.com/zips/27103.html>
*Note List of pharmacies do not include Costco or Harries Teeter

Definitions

Life Expectancy (LE) is the average number of additional years that someone at a given age would be expected to live if he/she were to experience throughout life the age-specific death rates observed in a specified reference period (2006-2008)

Medicaid: The state run health insurance program for low income North Carolinians

Medicare: The Federal government's national health insurance program for citizens aged 65 and older

Chronic Disease: A long term condition.

Preventative Care: Consistent Health monitoring practices that minimizes the incidence of an illness occurring.

Prime Care Facilities: Urgent care in Forsyth County

Transportation

Sources

(1)-(2) North Carolina Division of Transportation, Personal Communication, S. Abbott, June 2010

*Note Figures were drawn from the total population in age cohorts in 2010 minus residents in the same cohorts that possess a driver license in 2010

(3) US Census Bureau, Website, <http://www.census.gov/population/projections/state/9525rank/ncprsrrel.txt>, used projection 2010

(4) Winston Salem Transit Authority, Website, <http://www.wstransit.com/>, 2010

(5) Winston Salem Transportation Authority, Personal Communication, A. Barnes, June 2010.

(6)-(7) Winston Salem Transit Authority, Personal Communication, A. Barnes, June 2010

(8) Northwest Piedmont Council of Governments, Website, www.nwpcog.org, 2009

Winston Salem Transit Authority, Website, <http://www.wstransit.com/>, 2010

(9)-(10) Winston Salem Transit Authority, Website, <http://www.wstransit.com/>, 2010

(11)-(12) Winston Salem Transit Authority, Personal Communication, A. Barnes, June 2010

(13) Cecilia Sisk, Direct Observation, June 2010

(14) Winston Salem Transit Authority, Website, <http://www.wstransit.com/>, 2010

(15)-(16) Winston Salem Transit Authority, Personal Communication, A. Barnes, June 2010

(17) City of Winston Salem, Website, <http://www.cityofws.org/Home/Departments/Transportation>, July2008-June2009

(18)-(20)Forsyth County Transportation Services, Adult Division, Website, 2009

*Note Appendix will provide name of providers and their criteria to offer transportation including the age to qualify for transportation service.

*Note All data above pertains to the year 2010 unless otherwise specified.

Definitions

Connectors: Buses that connects larger areas in the cities than the regular buses

Green Buses: Buses that use mixed fuel sources that are equipped with low floors for easy access.

Senior Citizen: An adult 65 years old or older.

*Note Unless otherwise specify we will use the term senior citizen as it is specified above. However, different programs have their own age threshold for an adult

Elderly: In this specific situation, it means adults aged 60 and older because Transaid offers free transportation for adults 60 plus and adults with a handicapped

Financial

Sources

(1)-(6) Northwest Piedmont Council of Governments, Website, www.nwpcog.org, 2009

(7) North Carolina Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/dhsr/reports.htm>, 2009

(8) US Census Bureau, Website, <http://www.census.gov/population/projections/state/9525rank/ncprsrrel.txt>, used projection 2010

Definitions

Unemployment: To be classified as unemployed by the U.S. Bureau of Labor Statistics (BLS), a person must be jobless, but must also be willing and able to take a job if one were offered, and must have actively looked for work in the preceding four weeks. The **unemployment** rate is calculated by dividing the number unemployed by the number in the labor force, where the labor force is the sum of the unemployed and the employed. The BLS calculates the **unemployment** rate monthly by surveying a random sample of about 50,000 households.

*Note this criteria does include discourage workers.

Poverty Line: The current official poverty measure has two components—poverty thresholds (income levels) and the family income that is compared with these thresholds. The official definition uses 48 thresholds that take into account family size (from one person to nine or more) and the presence and number of family members under 18 years old (from no children present to eight or more children present). Around \$12,000 for a male or female and about 25, 000 for a household of 2.

Safety

Sources

(1)-(3) North Carolina Division of Transportation, Personal Communication, S. Abbot, as of June 2010

(4) -(14) Winston Salem Police Department, Personal Communication, B. Morgan, 1/2009-12/2009

*Note All information above is for the period of January 2009-December 2009 for Forsyth County.

*Note The range of this data is for adults 40 plus

These figures do not include HWP figures. Numbers were not included because HWP 's age intervals differed from the Police Department's age intervals

(15) Forsyth County Division of Motor Vehicles, Personal Communication, 2010.

(16) AARP, Website, <http://www.aarp.org/states/ca/>, 2010

(17) North Carolina Division of Aging and Adult Services, Website, <http://www.ncdhs.gov/dhsr/reports.htm>, 2009

(18) City of Winston Salem, Website, <http://www.cityofws.org/Home/Departments/Transportation>, July 2008-June 2009

*Note All data above pertains to Fiscal Year July 2008-June 2009 for Forsyth County

(19)-(25) Forsyth County - Department of Social Services, Adult Protective Services Annual Report for FY July 1st 2009 - June 30th 2010, Personal Communication, H. Kennedy.

*Note Comments from (19) - (25) are extrapolations from the APS annual Report for FY July 1st 2009 - June 30th 2010.

Definitions

Traffic Violation Arrest: Arrest due to committing a traffic infraction

Traffic Infraction: Infringement of any of the North Carolina driving traffic laws. But it does not assume an arrest.

DWI: Driving While Impaired

Reckless Driving: Reckless driving is a mental state in which the driver displays a wanton disregard for the rules of the road.

Safe Movement Violation: Movements that can endanger the safety of the driver and others.

Speed Limit Violation: Going above or below the designated speed limit

Stoplight Violation: No stopping when there is a stop sign.

PCR: Pavement Condition Street Scale must be above 85% to be considered adequate.

Disabled Adult: A disabled adult is defined by the statutes as any person 18 years of age or older (16-18 if lawfully emancipated minor) who is present in the state of N.C., and physically and/or mentally incapacitated due to: Mental retardation, cerebral palsy, epilepsy or autism, or Organic brain damage caused by advanced age or other physical degeneration in connection therewith; or Conditions incurred at any age which are the result of accident, organic brain damage, mental or physical illness, or continued consumption or absorption of substances.

Abuse: Abuse is defined by the statutes as the willful infliction of physical pain, injury or mental anguish, unreasonable confinement, or the willful deprivation of services (by a caretaker), which are necessary to maintain the disabled adult's mental/physical health.

Neglect: Neglect is defined by the statutes as the inability of a disabled adult to provide the services which are necessary to maintain mental/physical health (Self Neglect), and who is not receiving services from his caretaker (Caretaker Neglect).

Repeated Maltreatment: In order for an incident to be included as repeated maltreatment, there has to be confirmed maltreatment from the past and at the conclusion of the current APS evaluation confirmed maltreatment again.

Connecting with the Community

Sources

(1) The University of North Carolina, Website, <http://www.northcarolina.edu/>, 2010

(2) Salem College, Personal Communication, M. Ashley, Spring term 2010

(3) Forsyth Technical Community College, Personal Communication, B. Schneider, Spring term 2010

(4) Winston Salem State University, Website, <http://www.northcarolina.edu/>, 2010

*Note: We chose these schools because they offer continuing education and had adult 50+ as students

*Note: All the data above is as of Spring 2010

(5) Forsyth Technical Community College, Personal Communication, B. Schneider, Spring term 2010

(6) Forsyth Technical Community College, Personal Communication, B. Schneider, Spring term 2010

Salem College, Personal Communication, M. Ashley, Spring term 2010

Winston Salem State University, Website, <http://www.northcarolina.edu/>, 2010

(7) Forsyth Technical Community College, Personal Communication, B. Schneider, Spring term 2010

Salem College, Personal Communication, M. Ashley, Spring term 2010

Winston Salem State University, Website, <http://www.northcarolina.edu/>, 2010

US Census Bureau, Website, <http://www.census.gov/population/projections/state/9525rank/ncprsel.txt>, used projection 2010

(8) Forsyth Technical Community College, Personal Communication, B. Schneider, Spring term 2010

Salem College, Personal Communication, M. Ashley, Spring term 2010

Winston Salem State University, Website, <http://www.northcarolina.edu/>, 2010

(9) Forsyth Technical Community College, Personal Communication, B. Schneider, Spring term 2010

(10) Forsyth County Library System, Personal Communication, A. Shoaf, July 2010

(11) Forsyth County Library System, Personal Communication, A. Shoaf, July 2010

US Census Bureau, Website, <http://www.census.gov/population/projections/state/9525rank/ncprsel.txt>, used projection 2010

(12)-(18) Forsyth County Library System, Personal Communication, M. Shaw, July 2010

(19)-(20) City of Winston Salem, Website, <http://www.cityofws.org>, 2010

(21) US Bureau of Labor Statistics, Website, <http://factfinder.census.gov>, projections 2009
Volunteering in America, Website, <http://www.volunteeringinamerica.gov/>, 2009

(22) Yellow pages, Website, <http://www.yellowbook.com>, 2010
City of Winston Salem, Website, www.cityofws.org, 2010
Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010

(23) US Bureau of Labor Statistics, Website, <http://factfinder.census.gov>, projections 2009
Volunteering in America, Website, <http://www.volunteeringinamerica.gov/>, 2009

*Note Numbers were impute from the four big predictors of volunteering: poverty level, unemployment, demographics, and educational attainment

(24)-(27) North Carolina Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/dhsr/reports.htm>, 2010

(28)-(29) Forsyth County Board of Elections, Personal Communication, C.Duffey, 2010

(30) Yellow pages, Website, <http://www.yellowbook.com>, 2010
City of Winston Salem, Website, www.cityofws.org, 2010

(31) Yellow pages, Website, <http://www.yellowbook.com>, 2010

(32) Yellow pages, Website, <http://www.yellowbook.com>, 2010
City of Winston Salem, Website, www.cityofws.org, 2010
Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010
Art of Living

(33) Yellow pages, Website, <http://www.yellowbook.com>, 2010

(34) City of Winston Salem, Website, www.cityofws.org, 2010
Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010
Forsyth County Public Library system, Website, <http://www.co.forsyth.nc.us/library/>, 2010
Forsyth County Senior Center, Personal Communication, Personal Communication, Matthews, S., 2010

(35) Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010

(36)-(37) City of Winston Salem, Website, http://www.cityofws.org/Assets/CityOfWS/Documents/Budget/Performance%20Scorecard/PerformanceScorecard2008-2009_2feb2010_www.pdf, 2009 North Carolina Division of Aging, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010

(38) City of Winston Salem, Website, <http://www.cityofws.org>, 2010

(39) Forsyth County Public Library system, Website, <http://www.co.forsyth.nc.us/library/>, 2010

(40) Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010
Forsyth County Senior Center, Personal Communication, Matthews, S., 2010

*Note Senior Centers are State-Certified Senior Centers. Urban League Senior Center is not a state supported center and only offer programs to their senior aide population

Definitions
Continuing Education: Higher education for adults who start at age 23 and over.

Appendix B: Housing

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Indicators and Measures

2010 Forsyth County Indicator	2010 Forsyth County Measure
Home ownership	Percentage of home ownership among adults 50+.
Home Cost Burden	Number of adult's age 65+ with a home cost burden.
Urban vs. Rural living	Percentage of older adults 65 years old and older living outside urban areas.
Home Modification	Range cost of home modification.
	Number of older adults using paying options for home modification.
	Funding Options for Home Modification.
Housing Options	Number of Adults in independent living arrangements, assisted living and nursing homes.
	Profile of adults who use these housing options.
Affordable Housing Supply	Prices of houses in Forsyth county by District.
	Median Price of Homes in Forsyth County.
Home Modification	Number of contractors able to do home modification for aging in place.
	Number of Services that connect residents to information about finance options, contractor and architectural options.
	Number of options for paying for home modifications.
	Number of federal and local programs developed to assist with home modifications and repair.
Housing Options	Number and locations of independent living arrangements in Forsyth county.
	Features of Independent Living arrangements.
	Number and locations of Assisted Living arrangements in Forsyth county.
	Features of Assisted living arrangements.
	Number and locations of Nursing Homes in Forsyth County.
	Features of Nursing Homes.

Aging in Place Modifications-Typical Cost of Remodeling		
Services	Basic/Economical	Typical
Kitchen	\$7,500 to \$15,000	\$20,000 to \$40,000
Bath, including replacement of bath/shower	\$5,000 to \$10,000	\$12,000 to \$25,000
Remodel to add ground floor bedroom suite with bath	\$25,000 to \$40,000	\$50,000 to \$75,000

Source: National Association of Home Builders of Forsyth County, 2010

Criteria to Apply for House Modification Funds			
Agency	Age Criteria	Income Criteria	Other
CDBG- The Federal Community Development Block Grant administered by the Dept of Commerce	62+	Low to middle income home owners	None
The Displacement Prevention Partnership	All ages and all disabilities	None	None
HCCBG- the Federal Home and Community Care Block Grant , Housing and Home Improvement Service administered by the NC Division of Aging and Adult Services	60 years old and older	None	None
Home Equity and Home Improvements Loan	62 years old and older	None	Requires face to face counseling prior to making application
USDA - The United States Department of Agriculture	62 years old and older	Very low income homeowners	Living in rural areas and needing assistance for repairs and improvements
Weatherization Assistance Program	Priority give to 60 years old and older with disabilities and families with children	Low income	None
SSBG-The Social Services Block Grant May include assistance with: home modifications, minor home renovations or services related to health and safety issues in the home	65+	Low income	Adults 18+ with disabilities
LIHEAP- The Low Income Home Energy Assistance Program. Provides funds for a onetime payment to eligible households to help pay heating bills.	65 year old and older and those with disabilities age 18+	Low income	None
CAP-DA Home Modification Program	18 year old and older	Medicaid eligible	Be approved for Skilled or Intermediate Nursing Care
The Urgent Repair Program administered by NC Housing Finance Agency	60 years old and older, disabled, single parent, or living in a household 5 or more	Very low income	None
The Single Family Rehabilitation Program	A family member 62+ or disable	At or below 80%AMI	None
The Veterans Administration	None	None	Disability rating of 50% or more

SA/IH-The State/County Special Assistance In-Home Program. Provides cash monthly supplement for adults that want to remain at home	Any Qualifying Adult	Low Income	Medicaid eligible (due to age or disability) that are in risk of entering an Adult Care Home
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Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, 2010

*Note list is extensive but not exhaustive

Division of Aging and Adult Services Expenditures by Service for Clients 60+

Service	Durham	Forsyth	Guilford	Mecklenburg	Wake
Adult Day Care	NA	\$51,450	\$209,737	\$27,365	\$121,318
Adult Day Health	\$38,093	\$48,494	\$212,233	\$605,335	\$111,598
Family Caregiver Support	\$203,065	\$179,643	\$286,766	\$290,430	\$89,851
In Home Aide Level I- Home Management	NA	\$326,913	\$76,249	\$245,473	\$109,920
In Home Aide Level II- Personal Care	\$397,484	\$191,263	\$309,420	\$1,087,636	\$214,173
In Home Aide Level III- Personal Care	NA	\$137,694	\$35,856	\$68,613	\$173,854
In Home Aide Level III- Respite	NA	\$61,741	NA	NA	NA
In Home Aide Level III- Home Management	NA	4,864	NA	NA	NA
Total	\$638,642	\$1,002,062	\$1,130,261	\$2,324,852	\$820,714

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, FY 2009

*Expenditures term is used by NCDHHS to represent total funding for senior citizens transportation

*Note this numbers may not include private pay and other funding sources

Division of Aging and Adult Services-Number of Clients 60+

Service	Durham	Forsyth	Guilford	Mecklenburg	Wake
Adult Day Care	NA	15	39	5	42
Adult Day Health	11	11	43	166	24
In Home Aide Level I- Home Management	NA	197	41	174	34
In Home Aide Level II- Personal Care	257	104	75	362	40
In Home Aide Level III- Personal Care	NA	65	8	9	16
In Home Aide Level III- Respite	NA	20	NA	NA	NA
In Home Aide Level III- Home Management	NA	7	NA	NA	NA
Total	268	419	206	716	156

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, FY 2009

*Note these numbers may not include clients that received private pay and other funding sources

Division of Social Services Expenditures by Service and County for Clients 60+					
Service	Durham	Forsyth	Guilford	Mecklenburg	Wake
Adult Day Care	\$96,605	\$26,920	\$118,024	\$54,251	\$189,517
Adult Day Health	\$18,207	\$40,843	NA	\$355,053	\$110,773
In-Home Aide Services	\$241,704	\$57,115	\$19,889	\$448,494	\$340,236
Special Assistance: Adult Care Home	\$1,617,772	\$2,805,725	\$3,182,024	\$3,279,336	\$3,768,695
Special Assistance: In-Home	\$319,822	\$147,244	156,265	\$99,844	110,323
Total	\$2,294,110	\$3,077,847	\$3,476,202	\$4,236,978	4,519,544

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, FY 2009

*Note these numbers may not include private pay and other funding source

Division of Social Services Number of Clients 60+					
Service	Durham	Forsyth	Guilford	Mecklenburg	Wake
Adult Day Care	45	16	57	13	85
Adult Day Health	6	13	NA	188	53
In-Home Aide Services	417	219	140	580	175
Special Assistance: Adult Care Home	401	711	858	810	920
Special Assistance: In-Home	86	40	46	36	24
Total	955	999	1,101	1,627	1,257

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, FY 2009

*Note these numbers may not include clients that received private pay and other funding sources

Average Home Prices in Forsyth County 2010	
City/Town	Average Price
Winston Salem	\$125,250
Kernersville	\$145,551
Clemmons	\$230,000
Walkertown	\$115,000
Rural Hall	\$136,250
Bethania	\$219,900
Lewisville	\$198,500
Tobaccoville	\$120,000
Total Median Price	\$142,000

Source: Trulia Real State Search, Website <http://www.trulia.com>, First Quarter 2010

Average Monthly House Cost for Owner Occupied and Average Household Income						
County	Wake	Mecklenburg	Durham	Guilford	Forsyth	NC
House Expense \$	\$1,573	\$1,444	\$1,425	\$1,285	\$1,255	\$1,222
Income \$	\$64,527	\$56,766	\$49,958	\$47,308	\$47,537	\$46,107

Source: US Census Bureau, Website <http://factfinder.census.gov>, 2008

Income Level by Age 2009			
Income by Age	65-74	75-84	85+
<\$15,000	18.61%	22.87%	32.12%
\$15,000-\$24,999	17.09%	16.22%	20.21%
\$25,000-\$34,999	14.17%	12.02%	12.36%
\$35,000-\$49,999	17.23%	10.69%	11.76%
\$50,000-\$74,999	16.09%	14.81%	11.47%
\$75,000-\$99,999	7.40%	10.41%	4.68%
\$100,000-\$149,000	4.66%	6.12%	3.22%
\$150,000-\$199,999	1.61%	3.00%	1.43%
\$200,000+	3.14%	3.86%	2.74%

Source: North West Piedmont Council of Government, Website, www.nwpcog.org, 2009

NC State Tax Relief Program			
Criteria	Elderly or Disabled Exclusion	Circuit Breaker Tax Deferment Program	Disabled Veteran Exclusion
Age	65 years old or permanently disabled	65 years old or totally and permanently disabled	No age limitation
Salary	Salary cannot exceed \$25,600 for applicant and spouse	Salary cannot exceed \$38,400 for applicant and spouse	No income limitation
Other	NA	All owners must have owned and occupied the residence for the previous five years and all owners must apply and qualify	Honorably discharged disable veterans who has a total and permanent disability or their unmarried surviving spouse

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdohhs.gov/aging/housing/hcountyd.htm#34>, 2010

Certified Aging in Place Contractors in Forsyth County		
Location	Zip code	Number
Advance	27006	1
Clemmons	27012	1
	27101	3
	27103	1
	27105	1
	27106	1
	27107	1
Winston-Salem		4
Asheboro	27203	1
	27284	1
	27285	1
Kernersville		1
Welcome	27374	1
	27404	4
	27407	1
Greensboro		1
Troutman	28166	1
Statesville	28677	1
Mooresville	28817	1

Total number of contractors		24
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Source: National Association of Home Builders from Winston Salem, Personal Communication, M. Parks, June 2010

Some Local Agencies that Connect Residents to Home Modification Options		
Agency	Local contact	Purpose
CDBG- The Federal Community Development Block Grant administered by the Dept of Commerce	Forsyth County Municipal Government	For low income homeowners to address critical housing rehab needs. Deferred or low interest repayable loans
The Displacement Prevention Partnership	Winston Salem Independent Living office	To assist persons with home needs accessibility modification
HCCBG- the Federal Home and Community Care Block Grant , Housing and Home Improvement Service administered by the NC Division of Aging and Adult Services	Northwest Piedmont Area Agency on Aging	Optional per county Provide Information on housing locations, renting, home ownership, foreclosures, home modifications, and minor home repair
For Tax Relief Programs -Elderly or Disabled Exclusion -Circuit Breaker Tax Deferment Program -Disabled Veteran Exclusion	Forsyth County Tax Office	This Program excludes from taxation the first \$25,000 or 50% (whichever is greater) of assessed value for the permanent residence. -Taxes each year are limited to a percentage of the owner's income. 4% for \$25,600 or less and 5% for \$25,600-\$38,400 -Excludes up to \$45,000 of the appraised value of the permanent residence
Home Equity and Home Improvements Loan	Consumer Credit Counseling- Forsyth	Counseling on Home Equity Loans and Reverse Mortgage. A portion of the home equity can be converted into tax free cash that can be converted into tax free cash for any purpose without requiring monthly payments
USDA- The United States Department of Agriculture	Jefferson Area Office	Home Repair Loan and Grant Program which will make homes safer and more sanitary or assistance with the removal of health and safety hazards
Weatherization Assistance Program and the Heating and Air Repair and Replacement Program	Regional Consolidated Services	Helps energy burdened homeowners and renters improve energy efficiency and maintain warmth in winter and cool in summer.
SSBG-The Social Services Block Grant	Forsyth County Dept. of Social Services	Optional per county. Funds include assistance with: home modifications, minor home renovations or services related health and safety issues in the home.
LIHEAP- The Low Income Home Energy Assistance Program	Forsyth County Dept of Social Services	Provides funds for onetime payment to pay heating bills
CAP-DA Home Modification Program	Forsyth County Dept. of Social Services	Purchase equipment and /or physical adaptations to a residence. The service can pay for the purchase, installation, maintenance, and repair of environmental modifications and equipment
The Urgent Repair Program administered	NC Housing	Funds only for repair and modifications to

by NC Housing Finance Agency	Finance Agency	alleviate housing conditions that imminent threat to life or safety
The Single Family Rehabilitation Program	NC Housing Finance Agency	Rehabilitation of moderately deteriorated homes. 200-400,000 every 4 years to local governments, non-profits and regional councils
The Veterans Administration	Division of Aging and Adult Services (Raleigh)	For Home Improvements to provide disability access to/in the home
SA/IH-The State/County Special Assistance In-Home Program	Forsyth County Dept. of Social Services	Provides a cash supplement for a person that is at risk of entering Adult Care Homes, and would like to remain at home with additional support. They may help with food, shelter, clothing and other daily necessities. Checks are sent monthly

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, 2010

*Note List is extensive but not exhaustive. Senior Services also provides information

Areas with an Institution that Provides House Improvement Information Funds		
Service Provider	County	Number
County Division of Social Services	Alexander	1
County Division on Aging	Bladen, Columbus, Duplin, Harnett, Jackson, Sampson	6
Department of Commerce	Cabarrus	1
Senior Services	Cherokee, Granville, Lee, Lincoln, Pamlico	5
Council on Aging	Cleveland	1
Non –Profit or Community Action Program	Buncombe, Burke, Caldwell, Carteret, Cumberland, Gates, Halifax, Haywood, Henderson, Northampton, Pasquotank, Perquimans, Randolph, Robeson, Swain, Wilkes	16
	Total number of Counties with Information Centers	30

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, FY 2010

Number and Locations of Housing Options

Zip codes	Independent Living	Assisted Living	Nursing Homes
27012	1	4	1
27040	1	1	NA
27045	1	NA	NA
27101	23	2	NA
27102	NA	1	NA
27103	5	4	2
27104	2	1	1
27105	9	9	3
27106	9	3	3
27107	5	5	NA
27127	NA	1	NA
27265	NA		1
27284	6	9	1
27285	NA	1	NA
Total	62	40	12

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhs.gov/aging/housing/hcountyd.htm#34>, FY 2010

Number of People 65+ and Its Percentage From Total Population by County

County	Forsyth		Guilford		Durham		Mecklenburg		Wake		
	Year	Number	%	Number	%	Number	%	Number	%	Number	%
	2010	46,955	12.5%	58,662	11.5%	25,558	9.3%	78,025	8.2%	68,754	7.3%
	2015	52,146	14.1%	67,581	12.9%	31,116	11.1%	94,643	9.5%	89,459	9.1%
	2025	70,058	16.9%	93,084	15.3%	44,510	14.0%	145,972	11.9%	149,591	12.1%

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhs.gov/aging/housing/hcountyd.htm#34>, FY 2010

Adult Day Care and Day Health Services by County

County	Adult Day Care/Adult Day Health Centers	Number	Number Certified
Forsyth	-Mount Zion Senior Life Enrichment	2	40
	-Elizabeth and William Tab Adult Day Center of Senior Services		95
			135
Guilford	-Adult Center for Enrichment at Caldwell House	4	16
	-Adult Center for Enrichment		29
	-Emmanuel Senior Enrichment Center		40
	-Crossroads ADC Center		21
			106
Durham	-Community Life Program	1	36
			36

Mecklenburg	-Adult Care and Share Center Inc	8	36
	-Blessed Assurance Adult Day and Health Care		40
	-Luz Naciente		6
	-Daughter's Love Adult Day Home		6
	-New Friends ADC/ADH Inc		67
	-Pritchard		48
	-Mt. Olive Adult Day Care Home		10
	-Loving Touch Adult Day Health Care		30
			243
Wake	-Cary Total Life Center at Bond Park	11	29
	-Ruth Sheets Adult Day Care Center		16
	-Southeastern Wake ADC Center		40
	-The Danius House		5
	-Resource for Seniors Total Life Center Departure Drive		91
	-The Glade at Glenaire		21
	-Family Care Elder Care		12
	-Resources for Seniors Total Life Center-Creedmore Road		41
	- Resources for Seniors Total Life Center-Cary		30
	- Resources for Seniors Total Life Center-Easter Wake		25
	- Resources for Seniors Total Life Center-Garner		41
		351	
Total	27	871	

Source: North Carolina Division of Aging and Adult Services, Website <http://www.ncdhhs.gov/aging/housing/hcountyd.htm#34>, FY 2009

Appendix C: Health

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Indicators and Measures

2010 Forsyth County Indicator	2010 Forsyth County Measure
Preventive Health Care	Percentage of older adult women having a mammogram within the past 2 years.
	Percentage of Older Adults who had their blood cholesterol checked in the past five years.
	Percentage of older Adults who have ever had a colonoscopy.
Immunization	Percentage of older adults that ever had a pneumonia shot.
	Percentage of older adults who got flu vaccine in past year.
	Percentage of older adults who ever a got pneumonia vaccine
Wellness	Percentage of older adults reporting to have exercised in the last month.
	Percentage of older adults who are currently smoking.
Obesity	Percentage of older adults who are obese.
Dental	Percentage of older adults with complete tooth loss.
	Percentage of older adults that went to the dentist within the last year for any reason.
Chronic Disabilities	Adults who are limited in any activities because of physical, mental or emotional problems.
	Adults with health problem(s) that require the use of special equipment.
Hip Fractures	Percentage of older adults with hip fractures.
Diabetes	Percentage of older adults with diabetes.
Cardiovascular Diseases	Percentage of older adults with a history of a heart attack.
	Percentage of older adults that had a stroke.
	Percentage of older adults with coronary heart disease.
General Health	Percentage of older adults who rate their health status as good or better.
Life Expectancy	Life expectancy for older adults Life Expectancy by Gender and Ethnicity
Hospital Use	Number of Hospitals in the Community.
	Percentage of older adults who have been in a hospital as patients from total of all patients within last year.
Other Health Providers	Number of Health Monitoring Services.
	Supply of Health Professionals.
	Percentage of older adults who have been in prime care as patients within last year.
Pharmacy	Number of drugstores in Forsyth county.
	Concentrations of pharmacies in Forsyth county by zip codes.
Medicaid	Number of Adults who are eligible to receive Medicaid by year (2010-2020)
	Number of Adults eligible to receive Medicaid this year.

Medicare	Number of Adults who are eligible to receive Medicare by year(2010-2020)
	Number of adults eligible to receive Medicaid this year

NC 10 Leading Causes of Death: Total Deaths and Years of Life Lost (All ages)		
Rank Cause	Total Deaths	Average Years of Life Lost
1 Heart Disease	17,500	6.2
2 Cancer	17,425	8.7
3 Stroke	4,335	4.5
4 Chronic Lower Respiratory Disease	4,228	4.8
5 Other Unintentional Injuries	2,546	22.5
6 Alzheimer's Disease	2,449	0.6
7 Diabetes	2,150	8.5
8 Motor Vehicle Injuries	1,787	35.6
9 Nephritis, Nephrotic Syndrome, Nephrosis	1,717	6.0
10 Pneumonia and Influenza	1,644	4.2
Total Deaths- All Causes	75,803	9.6

Source: North Carolina State Center for Health Statistics, website <http://www.schs.state.nc.us/SCHS/data/lifexpectancy/>, 2009

Population 65+ with Disabilities			
65+ County	Proportions		
	0 disability	1 disability	2+ disabilities
Durham	53.00%	21.90%	25.20%
Forsyth	58.90%	20.40%	20.60%
Guilford	57.60%	19.80%	22.60%
Mecklenburg	59.10%	19.50%	21.40%
Wake	60.30%	18.30%	21.40%

Source: North Carolina Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/dhsr/reports.htm>, 2009

Forsyth County Health Service	Health Services in Forsyth County	Zip Codes	Number
Hospitals Notes: *1 Private Hospital accredited by the Joint Commission on Accreditation of Healthcare Organizations *2 Its parent company is Select Medical Holdings Corporation , which is listed on the New York Stock Exchange as SEM.	Forsyth Medical Center (*Note legal name is Forsyth Memorial Hospital) Medical Park Hospital, Inc*1 North Carolina Baptist Hospital Select Specialty Hospital-Winston Salem*2	27103 27103 27103 27103	4

Prime Care: Highland Oaks North Point Blvd Kernersville	27103 27106 27284	3
Hospice: Kate B. Reynolds Hospice Home *Note Accredited	27103	1
Cardiac Rehabilitation Facilities: Forsyth Medical Center-Preventative Cardiology Wake Forest University Baptist Medical Center	27103 27103	2
Hematology Oncology Services: WFUBMC: Surgical and Oncology WFUBMC: Surgical and Oncology Forsyth Medical Center: Medical Oncology Piedmont Hematology-Oncology Piedmont Hematology-Oncology Radiation Oncology Forsyth Regional Cancer Center Southeast Cancer Control	27103 27157 27103 27103 27284 27103 27103 27104	8
Ambulatory Surgical Facilities: Digestive Health Specialists Piedmont Endoscopy Center Plastic Surgery Center of North Carolina INC Salem Gastroenterology Associates WFUBMC Endoscopy Center		5

Source: North Carolina Health Professions Data System, Website, <http://www.shepscenter.unc.edu/hp/prof08.htm#maps>
Yellow pages, Website, <http://www.yellowbook.com/yellow-pages/?what=pharmacies&where=Winston+Salem%2c+NC&page=1>, 2010
North Carolina Division of Aging and Adult Services, Website, <http://www.ncdhs.gov/dhsr/reports.htm>, 2009

Health Professionals Per 10,000 Population(All ages)					
County	Forsyth	Guilford	Wake	Mecklenburg	Durham
Physicians	42.2	24.2	23.3	27.8	65.5
Primary Care Physicians	14.6	9.9	10	11.2	20.3
Dentist	5.4	5.3	6.6	6.3	7
Pharmacists	13.8	9.9	12	10.9	24.3
Registered Nurses	170.3	113.3	102.1	112.5	213.9
Occupational Therapists	3.3	2.9	3.4	3.2	5.2
Physical Therapists	1.7	1.8	1.2	2.7	1
Psychologists	2.6	2.2	3.3	2.5	9.1
Respiratory	9.08	4.68	3.04	5.37	8.06

Therapists					
Population	343,786	468,439	864,582	877,173	260,471

Source: North Carolina Health Professions Data System, Website, <http://www.shepscenter.unc.edu/hp/prof08.htm#maps>

Appendix D: Transportation

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Indicators and Measures

2010 Forsyth County Indicator	2010 Forsyth County Measure
Driving	Percentage of residents who do not drive
Specialized Transportation	Percentage of Transaid users who are 65+.
	Dollars spent on transportation for senior citizens
Public Transportation	Number of bus lines, routes, schedules and dependability.
	Dependability Bus ratings.
	Number of lines that connect rural with urban areas.
	Quality of buses and schedules.
	Number of buses with a low floor that travel between residential areas, retail shops and service centers.
	Number of bus stops that are sheltered.
	Number of buses that offer peak hours schedules.
Sidewalks	Number of sidewalks to get to bus stops.
	Existence of well designed and maintained streets.
Other transportation providers	Characteristics of other transportations providers.

People with Driver's License in Forsyth County 2010

	35-44	45-54	55-59	60-64	65-74	75-84	85-94	95+
Females	22243	24457	11036	9595	11864	7408	2033	62
Males	20649	21838	9373	8332	10194	5970	1681	71

Source: North Carolina Division of Transportation, Personal Communication, S. Abbott, June 2010

Bus Lines and Schedules of Public Transportation Within City Limits – Winston Salem

Northwest	Northeast	Schedule	Cost
8 lines (7,9,10,5,4,16,21,44) Line 4 is also a night line 44 Major Northwest Connector	4 lines (17,2, 1, 25) Lines 17 and 1 are also night lines	Mondays- Fridays Day Lines 6am-6pm Night Lines 7pm-12am Saturdays 9am-3pm	\$1 p/trip \$10 p/week \$30 p/month For Elderly/Handicapped 0.50 cents p/trip \$5 p/week \$15 p/month

		Sundays No Bus Service	
Southwest	Southeast	Schedule	Cost
7 lines (12, 43, 19, 18, 20, 23, 13) Lines 20 and 23 are also night lines Major Southwest Connector	4 lines (3, 26, 29, 29) Line 29 is also a night line	Mondays- Fridays Day Lines 6am-6pm Night Lines 7pm-12am Saturdays 9am-3pm Sundays No Bus Service	\$1 p/trip \$10 p/week \$30 p/month For Elderly/Handicapped 0.50 cents p/trip \$5 p/week \$15 p/month

Source: Winston Salem Transit Authority, Website, <http://www.wstransit.com/>, 2010

Department of Transportation Expenditures for Senior Citizens by County					
County	Durham	Forsyth	Guilford	Mecklenburg	Wake
Elderly and Disabled Assistance Program	\$95,653	\$126,064	\$161,555	\$227,140	\$194,371
Supplemental	\$28,055	\$74,018	\$116,978	\$13,840	\$112,832
Total in \$	\$123,708	\$200,082	\$278,533	\$240,980	\$307,203
Population 65+	25,558	46,955	58,662	78,025	68,754
Number of people with 2+ disabilities that are 65+	6,440	9,672	13,257	16,697	14,713

Source: Division of Aging and Adult Services, Website, <http://www.dhhs.state.nc.us>, FY 2009

*Expenditures term is used by NCDHHS to represent total funding for senior citizens transportation

Profile of Other Transportation Providers		
Provider	Criteria	Advance Notice
American Cancer Society	Only for radiation treatment	None
Ardmore Transportation Ministry	Only for senior citizens, adults with disabilities, unable to use Public Transportation, must live in Ardmore	1 to 3 days notice for medical
Clemmons First Baptist Church	Must live in Clemons	2 weeks notice
Truliant Mobile Transport	Non-Emergency transportation for special need community	24-48 hours for Medicaid transport
Here to There Van Service	Designed for seniors and adults with disabilities	24-48 hours in advance for Medicaid recipients that

		needs medical transportation.
Lewisville Transportation Ministry	Senior citizens, adult w/disabilities, Lewisville only.	3 days notice
The Shepherd Center of Greater Winston Salem	For Forsyth County residents 50+	Wednesday of week before
The Shepherd Center of Kernersville	For residents of Kernersville, Walkertown, and Oak Ridge that is 50+. Will go to Greensboro, High Point, and Winston Salem	2 days for medical

Source: Forsyth County Transportation Services, 2009

*Note this list does not include all alternative transportation providers. This information is representative of the transportation options available for older adults

Profile of Other Transportation Providers				
Provider	Wheelchairs	Service	Cost	Volunteers
American Cancer Society	Yes	Medical	None	Yes
Ardmore Transportation Ministry	Yes	Everything	None	Yes
Clemmons First Baptist Church	No	Everything	None	Yes
Truliant Mobile Transport	Yes	Everything	\$45 round trip within city limits. \$1.75 per mile for trips outside city limits	No
Here to There Van Service	Yes	Everything	Social /Recreational \$17-\$20 round trip Wheelchair \$25-\$30 round trip Cost will adjust to fit the need of an individual	No
Lewisville Transportation Ministry	No	Medical	None	Yes
The Shepherd Center of Greater Winston - Salem	No	1 medical p/week, grocery 2 p/month	None	Yes
The Shepherd Center of Kernersville	No	Everything	None	Yes

Source: Forsyth County Transportation Services, 2009

*Note this list does not include all alternative transportation providers. This information is representative of the transportation options available for older adults

Appendix E: Safety

Tables

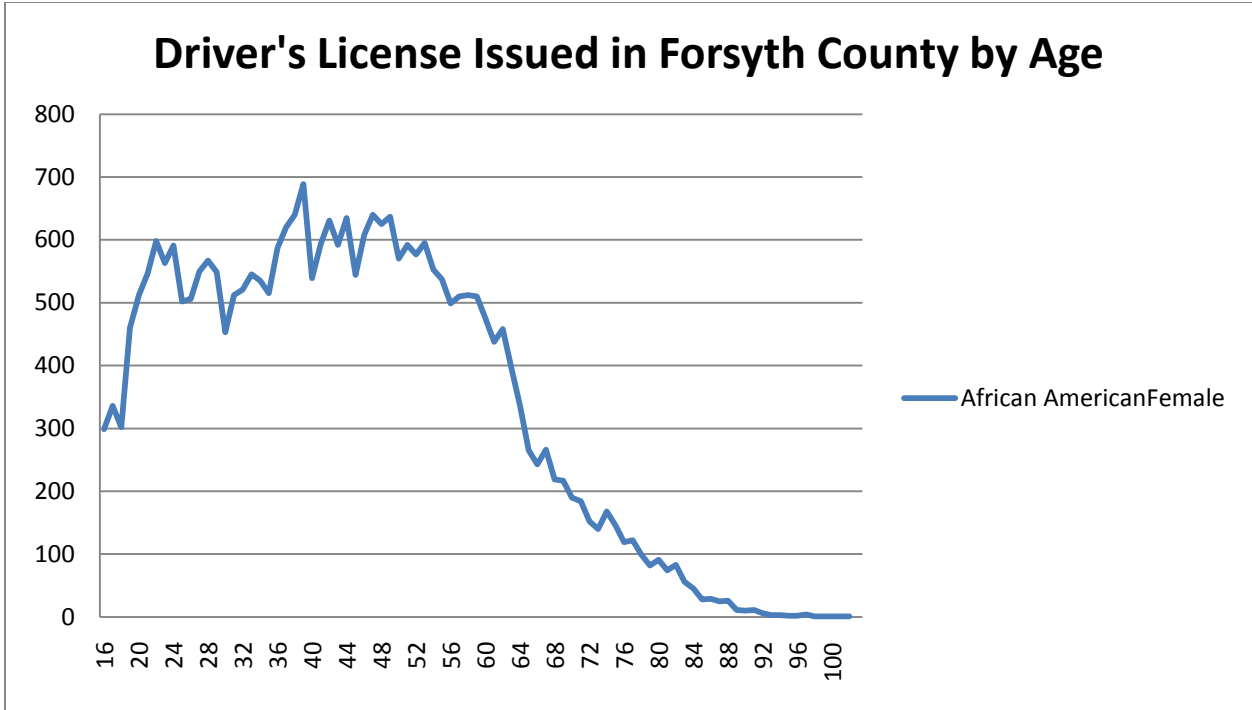
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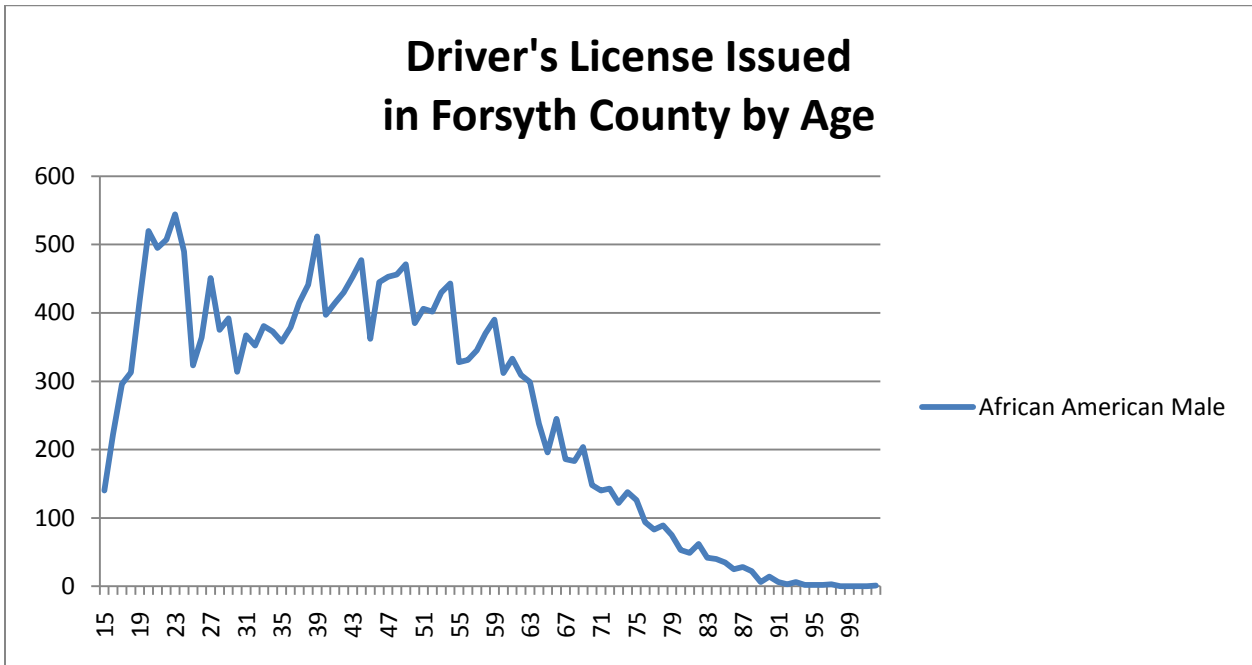
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Indicators and Measures

2010 Forsyth County Indicator	2010 Forsyth County Measure
Driver Safety	Number of deaths among older adults when involved in a crash in Forsyth County.
	Number of serious injuries in a crash among older adults in Forsyth County.
	Number of accidents among older adults in Forsyth County.
	Number of traffic violations among older adults in Forsyth County.
Driving Age	Age threshold at which older adults stop driving in Forsyth County.
Driving Classes	Number of driver refresher classes in Forsyth County.
Street Design	Percentage of Forsyth County areas with street lighting.
	Customer satisfaction for street lighting in Forsyth County.
	Number of traffic signs installed and repaired in Forsyth County.
	Customer satisfaction for traffic signs in Forsyth county.
	Percentage of Forsyth County roads that were maintained under pavement conditions.
	Customer Satisfaction for street pavement conditions in Forsyth County

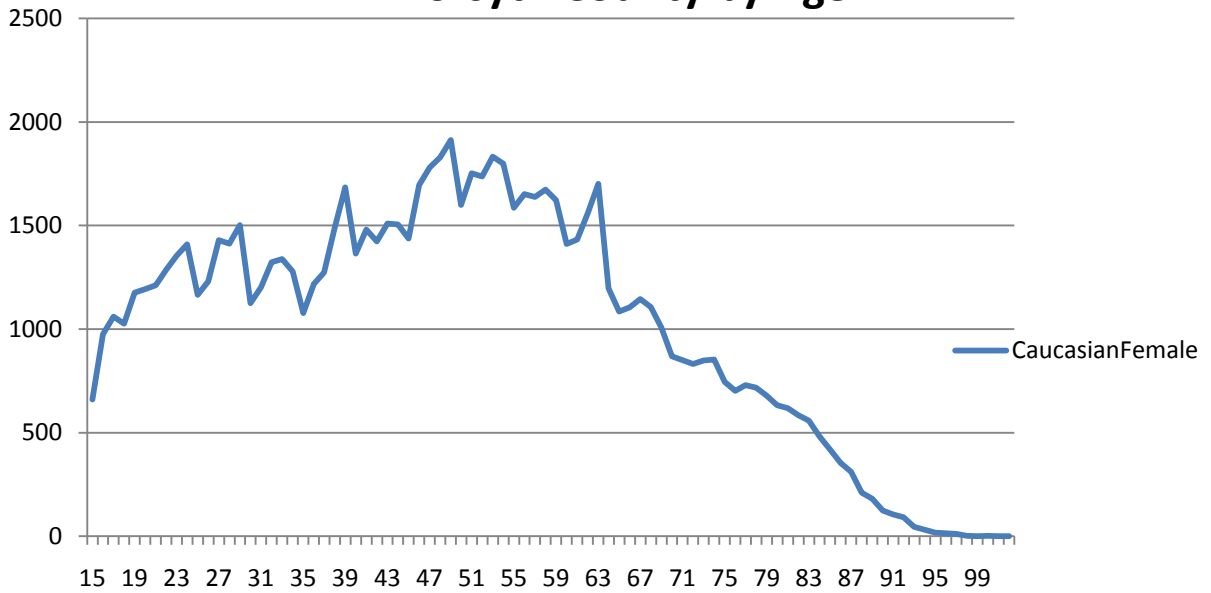


Source: North Carolina Division of Transportation, Personal Communication, S. Abbot, as of June 2010



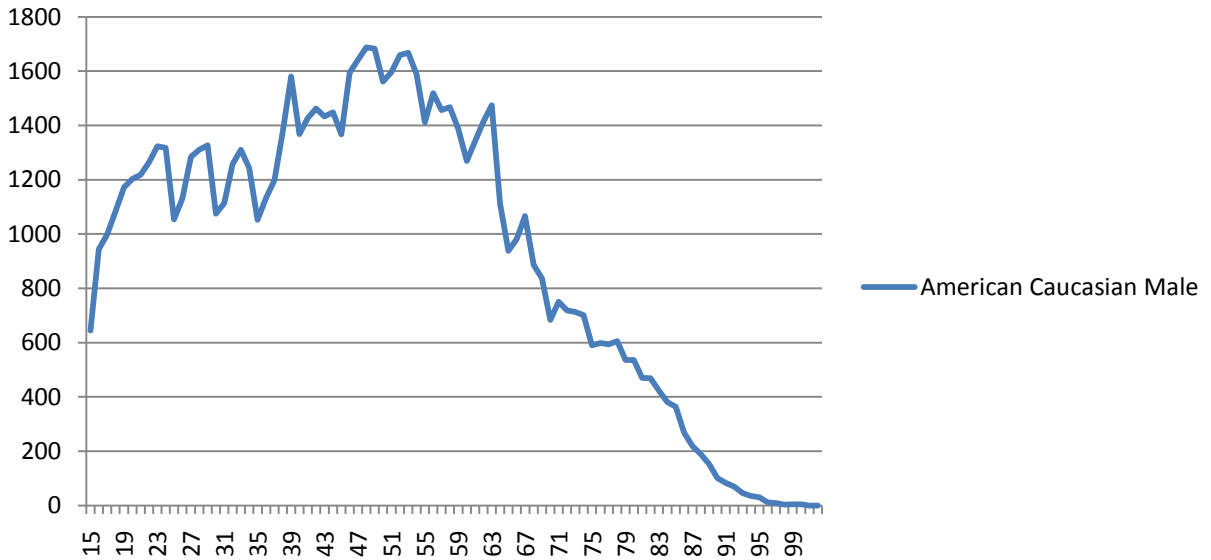
Source: North Carolina Division of Transportation, Personal Communication, S. Abbot, as of June 2010

Driver's License Issued in Forsyth County by Age



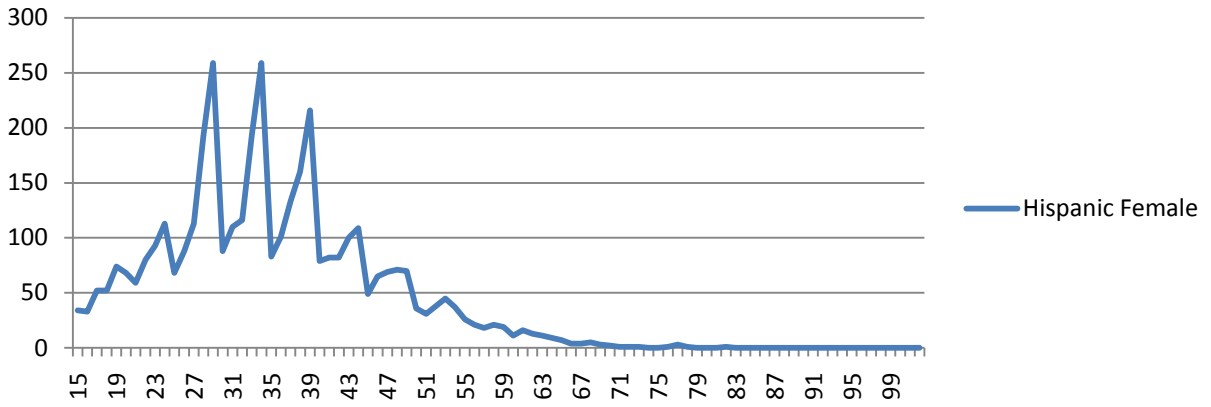
Source: North Carolina Division of Transportation, Personal Communication, S. Abbot, as of June 2010

Driver's License in Forsyth County by Age



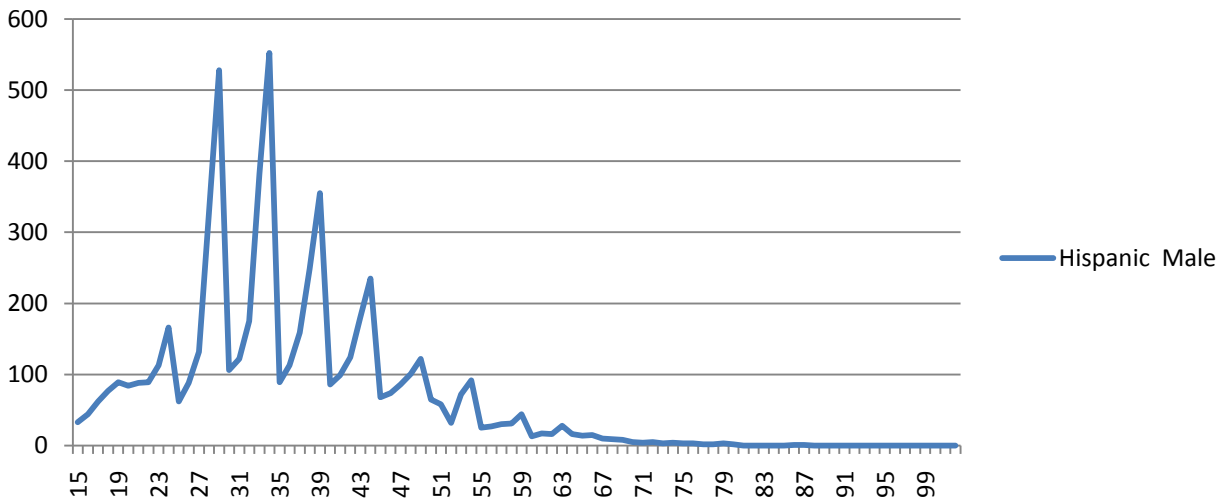
Source: North Carolina Division of Transportation, Personal Communication, S. Abbot, as of June 2010

Driver's License Issued in Forsyth County by Age



Source: North Carolina Division of Transportation, Personal Communication, S. Abbot, as of June 2010

Driver's License Issued in Forsyth County by Age



Source: North Carolina Division of Transportation, Personal Communication, S. Abbot, as of June 2010

Percentages from Total Specific Violation - Infractions										
Violations	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+	Total
Reckless Driving	23.08%	21.15%	26.92%	11.54%	3.85%	7.69%	0.00%	1.92%	3.85%	100.00%
Safe Movement Violation	21.27%	19.43%	17.38%	12.68%	9.61%	5.52%	6.13%	3.48%	4.50%	100.00%
Speed Limit Violation	27.25%	23.64%	18.62%	12.46%	8.47%	4.32%	2.83%	1.22%	1.19%	100.00%
Stoplight Violation	25.11%	20.72%	17.79%	15.77%	10.3%	5.07%	2.59%	1.46%	1.24%	100.00%

Source: Winston Salem Police Department, Personal Communication, B.Morgan, 1/2009-12/2009

North Carolina Division of Aging and Adult Services Expenses in Vocational Rehabilitation by County for Clients 60+					
Service	Durham	Forsyth	Guilford	Mecklenburg	Wake
Independent Living Expenses in \$	\$138,614	\$71,769	\$130,676	\$112,382	\$162,208
Number of Clients	74	44	44	62	50
Expense per Client in \$	\$1,873.16	\$1,631.11	\$2,969.91	\$1,812.61	\$3,244.16
Vocational Rehabilitation	\$20,648	\$73,507	\$55,219	\$117,386	\$35,976
Number of Clients	29	48	51	73	49
Expense per Client in \$	\$712.00	\$1,531.40	\$1,082.73	\$1,608.03	\$734.20
Total Absolute Expense	\$159,262	\$145,275	\$185,895	\$229,768	\$198,183

Source: North Carolina Division of Aging and Adult Services, Website, <http://www.dhhs.state.nc.us>, July 2008-June2009

2009 Forsyth County Street and Layout Conditions		
Feature	Status	Customer Satisfaction Rating
Street Lighting	There is 99.3% rate of uninterrupted street lighting operations.	B-
Design and Placement of Signs	There are 3,898 traffic signs installed or repaired. 2008 year number was 1,972	B
Roads and Layout Design	62% of the roads were maintained under pavement conditions. But the Benchmark was 85% PCR (Pavement Condition Street) Scale.	B-

Source: City of Winston Salem, Website, <http://www.cityofws.org/Home/Departments/Transportation>, July2008-June2009

Appendix F: Connecting with the Community

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Indicators and Measure

2010 Forsyth County Indicators	2010 Forsyth County Measures
Continuing Education	Percentage of older adults that attend classes to update or gain skills.
	Degrees older adults' attempt.
	Skills older adults gain or update.
Technology	Percentage of older adults that attend classes to update or gain computer skills.
	Technical classes' older adults take.
Library	Percentage of older adults that have a library card.
Higher Education Institutions	Number of Community Colleges and Universities that offer Continuing Education for older adults in Forsyth County.
Technology	Number of places that offer computer training for older adults in Forsyth County.
Library	Number of libraries in Forsyth County.
Volunteerism	Percentage of adults 65+ that volunteer.
	Number of organizations that offer volunteering opportunities for older adults in Forsyth County.
Spiritual/Faith based	Number of places to worship.
Informal Settings	Number of well managed parks and recreation centers.
	Zip codes with convenient places for meetings.
Civic Engagement	Percentage of older adults who participated in the last general elections
Arts	Number of activities per month.
	Number of theaters and concerts.
Library	Percentage of older adults who use the libraries in Forsyth County.
Other Organizations' Membership	Number of organizations that offer membership for older adults.
Senior Center/Programs	Number of activities per month in Forsyth County.
	Number of Senior Centers.
	Attendance to Senior Programs.

Salem College 50+ Student Profile	
Student Characteristics	Value
Percentage of bachelor's degree Continuing Education	16%
Percentage of bachelor' degree overall	7%
Percentage of Undergraduate certificate seeking population	28.6%
Percentage of graduate degree seeking population	11.6%
Percentage of students taking classes for enrichment	23.1%
Degrees that they pursue	BA, BS, BM, BSBA, MAT, Med

Source: Salem College, Personal Communication, M.Ashley, Spring term 2010

Forsyth Technical College 50+ Student Profile	
Student Characteristics	Value
Percentage of associate degree overall	6%
Percentage of students taking classes for enrichment	19%
Number of Graduated for May 2010	56

Source: Forsyth Technical Community College, Personal Communication, B.Schneider, Spring term 2010

Computer Classes Users through Forsyth County Library System			
All Computer Class Users	Number of Computer Class Users 50+	Percent of Computer Class Users 50+	Percentage of Computer Class Users from total population 50+
8,181	3,600	44%	4%

Source: Forsyth County Public Library, Personal Communication, A. Shoaf, July, 2010

Information Technology Classes that Adults 50+Take at Forsyth Community College	
Classes for Degree Seekers	Number Enrolled
Human Services Technology	39
Global Logistics Technology	11
Health Care Management Technology	11
Networking Technology	8
Computer Information Technology	5
Database Management	2
Internet Technologies	2
Internet Technologies Certificate	2
Office Systems Technology Diploma	1
Total	81
Percentage of Total Students	14%
Classes for Non-Degree Seekers	
Information Systems	6
Office System Technology	2
Computer Science	1
Total	9

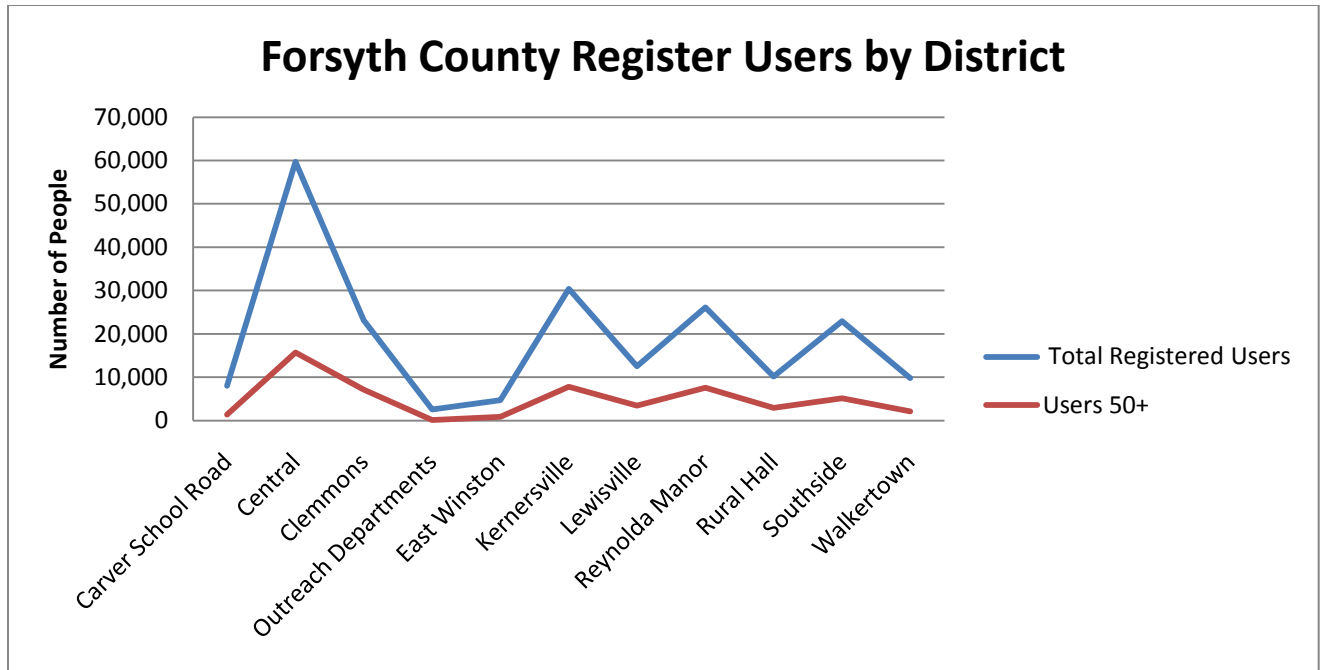
Source: Forsyth Technical Community College, Personal Communication, B.Schneider, Spring term 2010

FORSYTH COUNTY LIBRARY CARDHOLDERS BY AGE			
AGE	FREQUENCY	FREQUENCY %	CUMULATIVE FREQUENCY
5 & under	751	1.13%	1.13%
6-9	4,220	6.38%	7.51%
10-14	4,349	6.57%	14.08%
15-19	4,816	7.28%	21.36%
20-24	4,677	7.07%	28.42%
25-29	4,526	6.84%	35.26%
30-34	5,072	7.66%	42.93%
35-39	6,003	9.07%	52.00%
40-44	6,125	9.25%	61.25%
45-49	5,777	8.73%	69.98%
50-54	5,103	7.71%	77.69%
55-59	4,353	6.58%	84.27%
60-64	3,639	5.50%	89.76%
65-69	2,652	4.01%	93.77%
70-74	1,722	2.60%	96.37%
75-79	1,213	1.83%	98.21%
80-84	769	1.16%	99.37%
85-89	329	0.50%	99.86%
90-94	80	0.12%	99.98%
95-99	9	0.01%	100.00%
100+	1	0.00%	100.00%
TOTAL	66,186	100.00%	

Source: Forsyth County Public Library, Personal Communication, A. Shoaf, July, 2010

Forsyth County Library Users by District			
Location	Total Registered Users	Registered Users 50+	Percentage of Users 50+
Carver School Road	8,030	1,347	16.80%
Central	59,738	15,709	26.30%
Clemmons	23,178	7,155	30.90%
Outreach Departments	2,572	127	4.90%
East Winston	4,669	871	18.70%
Kernersville	30,360	7,798	25.70%
Lewisville	12,501	3,472	27.80%
Reynolda Manor	26,103	7,558	29.00%
Rural Hall	10,169	2,960	29.10%
Southside	22,964	5,128	22.30%
Walkertown	9,804	2,150	21.90%
TOTAL	210,088	54,275	

Source: Forsyth County Library System, Personal Communication, M.Shaw, July 2010



Source: Forsyth County Public Library, Personal Communication, A. Shoaf, July, 2010

Degrees Older Adults 50+ Obtained in Forsyth County	
Salem College	Forsyth Technical Community College
Art	Human Services Technology
Art History	Medical Office Admin-Medical Receptionist
Arts Management	Accounting
Business Administration	Associate in General Education
Communication	Business Administration
Creative Writing	Early Childhood Education
Education	Early Childhood Education Certification
History	Global Logistics Technology
Interior Design	Medical Assisting
Music	Office Administration
Psychology	Early Childhood Ed-Infant & Toddler
Religion	Electrical Electronics Tech Certificate
Sociology	Human Serv Tech-Domestic Violence Certificate

Source: Salem College, Personal Communication, M.Ashley, Spring term 2010

Forsyth Technical Community College, Personal Communication, B.Schneider, Spring term 2010

Forsyth County Library System		
Library	Zip code	Location
Carver School Road	27105	Northeast
Central	27101	Southwest
Clemmons	27012	Southwest
Outreach Departments	27101	Southeast
East Winston	27101	Southeast
Kernersville	27284	Southeast
Lewisville	27023	Southwest
Reynolda Manor	27106	Northwest
Rural Hall	27045	Northwest
Southside	27127	Southwest
Walkertown	27051	Northeast

Source: Forsyth County Public Library, Website <http://www.forsyth.public.lib.ga.us/>, July, 2010

Organizations that Offer Volunteer Opportunities in Forsyth County and the State for Retired People and Seniors	
Forsyth	North Carolina
Advisory Committees	Foster Grandparent Program
4-H & Youth Programs	Retired and Senior Volunteer Program
Extension & Community Association	Senior Companion Program
Forsyth Master Gardener Volunteer Program	North Carolina Volunteers in Service to America
Forsyth and Baptist Hospitals	The Peace Corps
Helping Hands	Senior Corps of Retired Executives
Southside Steering Committee	Senior Health Insurance Information Program
Senior Services	North Carolina Senior Games
The Salvation Army	The National Aging Information Center
Big Brothers Big Sisters of America	The Department of Housing and Urban Development
The Humane Society	Volunteers in Parks
Hospice	The NC Mentoring Partnership
Project Linus	United Way of North Carolina
Newborns in Need	Volunteer Match
Keep Winston Salem Beautiful	Action Without Borders
Meals-on-Wheels	
Senior Centers	
Northwest Piedmont Council of Governments	
Senior Enrichment	
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Source: City of Winston Salem, Website, Website www.cityofws.org, FY2009

Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010

North Carolina Home Town Locator, Website, <http://northcarolina.hometownlocator.com/features/cultural,class,church,scfips,37067.cfm>, 2010

Senior Living, Website, seniorlivingguide.com 2010

*Note list is extensive but not exhaustive

Organizations That Offer Membership In Forsyth County

Arts Club	Other Organizational Membership	Other Activities
Basic Quilting and Advanced Crochet	YMCA	Senior Games
Needle Crafts	Bingo Social time	Aquabilities
Pensters	Helping Hands	Community Reintegration
Small Crafts	Super Tuesday	Outdoor Activities for Adults with Disabilities
Earth touch	Leisure Bowling	Men Senior Softball
Silver Arts	Meeting, Swapping and Sharing	Senior Table Tennis
	Stroke Victor's Club	Senior Volleyball
	Poke Easy Club	Senior Basketball
	Griot Book Club	Computer Classes
	Golden Crown Senior Adult Club	Senior Citizen Sittercise
	Hane's Hosiery Senior Citizens Club	Wood burning Class
	M.L. King Senior Ladies' Club	Adult Basic Education
	Potpourri Seniors 'Club	Senior Lunch Program
	Skyland Senior Citizens' Club	Sing along and reading
	Carver Senior Citizens Club	
	Old Town Senior Friends	
	NC Association of Senior Citizen	
	Club District V	
	Happy Hill Sr Citizen Club	

Source: City of Winston Salem, Website, Website www.cityows.org, FY2009
 Division of Aging and Adult Services, Website, <http://www.ncdhhs.gov/aging/service.htm>, 2010
 North Carolina Home Town Locator, Website, <http://northcarolina.hometownlocator.com/features/cultural,class,church,scfips,37067.cfm>,
 2010
 Senior Living, Website, seniorlivingguide.com 010
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