STATE MEDICAL FACILITIES PLAN





NORTH CAROLINA 2011 STATE MEDICAL FACILITIES PLAN

Effective January 1, 2011

Prepared by the

North Carolina Department of Health and Human Services Division of Health Service Regulation Medical Facilities Planning Section

Under the direction of the

North Carolina State Health Coordinating Council

For information contact the

North Carolina Division of Health Service Regulation 2714 Mail Service Center Raleigh, North Carolina 27699-2714

http://www.ncdhhs.gov/dhsr/ncsmfp/index.html

(919) 855 - 3865 Telephone Number (919) 715 - 4413 FAX Number



The North Carolina Department of Health and Human Services does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.



STATE OF NORTH CAROLINA OFFICE OF THE GOVERNOR

20301 Mail Service Center • Raleigh, NC 27699-0301

BEVERLY EAVES PERDUE GOVERNOR

March 8, 2011

The Honorable William W. Wainwright North Carolina State Health Coordinating Council North Carolina House of Representatives 300 N. Salisbury Street, Room 613

Dear Representative Wainwright:

In accordance with the North Carolina State Health Coordinating Council's recommendation to me to amend the North Carolina 2011 State Medical Facilities Plan, I hereby approve the proposed amendment to correct the tables in Chapter 12. The amendment eliminates all projected need for additional Medicare-certified Home Health Agencies or Offices in the state.

Sincerely,

Bev Perdue

c: Secretary Lanier M. Cansler Drexdal Pratt



State of North Carolina State Health Coordinating Council

Department of Health and Human Services • Division of Health Service Regulation 2714 Mail Service Center • Raleigh, North Carolina 27699-2714

Tel 919-855-3865 • Fax 919-715-4413

Beverly Eaves Perdue, Governor

William L. Wainwright., Chair

November 12, 2010

The Honorable Beverly Eaves Perdue, Governor State of North Carolina 20301 Mail Service Center Raleigh, NC 27699-0301

Dear Governor Perdue:

On behalf of the North Carolina State Health Coordinating Council, I am pleased to forward our recommendations for the North Carolina 2011 State Medical Facilities Plan. The Council devoted a significant amount of time to the review and discussion of a variety of issues prior to making its recommendations for the upcoming year. The Proposed Plan was disseminated broadly and examined in six public hearings held across the State, and any petitions and comments received during this year-long process were duly considered.

This final document represents the Council's recommendations regarding health care needs to be addressed in the 2011 certificate of need reviews. Should you or your staff have questions or need more information, please call Elizabeth Brown, Chief of Planning at (919) 855-3751.

Respectfully,

William Wainwright

WLW/kf

Enclosure

cc: Lanier Cansler Drexdal Pratt





North Carolina Department of Health and Human Services

2001 Mail Service Center • Raleigh, North Carolina 27699-2001 Tel 919-733-4534 • Fax 919-715-4645

Beverly Eaves Perdue, Governor

Lanier M. Cansler, Secretary

MEMORANDUM

TO:

Governor Perdue

FROM:

Lanier Cansler

SUBJECT:

North Carolina 2011 State Medical Facilities Plan

DATE:

November 12, 2010

I am forwarding for your review and approval the North Carolina 2011 State Medical Facilities Plan as recommended by the North Carolina State Health Coordinating Council (SHCC). Attached is a summary of the key issues and major areas of need determination from this year's planning cycle.

With the possible exception of some petitioners not being satisfied with the SHCC's recommendation, there are no known areas of controversy affecting the implementation of the 2011 SMFP. With regard to Executive Order 10, enclosed are minutes of Council, Committee and Work Groups for the year 2010.

Additional background information is available on all areas, if desired. It would greatly facilitate the publication and distribution of the Plan if you could approve or request changes before the end of November.

LC:kf

Attachments: 2011 State Medical Facilities Plan

Summary of Key Issues (for 2011)

I hereby approve the <u>2011 State Medical Facilities Plan</u> effective January 1, 2011.

Bev Perdue, Governor

December 21, 2010

TABLE OF CONTENTS

Background		
Chapter 1	Overview of the North Carolina 2011 State Medical Facilities Plan	1
Chapter 2	Amendments and Revisions	9
Chapter 3	Certificate of Need Review Categories and Schedule	19
Chapter 4	Statement of Policies:	23
	Acute Care Hospitals	23
	Nursing Care Facilities	26
	Adult Care Homes	32
	Home Health Services	34
	End-Stage Renal Disease Dialysis Services	34
	Mental Health, Developmental Disabilities, and Substance Abuse (General)	35
	Psychiatric Inpatient Services	35
	Intermediate Care Facilities for the Mentally Retarded	35
	All Health Services	36
Acute Care I	Facilities and Services	
Chapter 5	Acute Care Hospital Beds	43
Chapter 6	Operating Rooms	63
Chapter 7	Other Acute Care Services	99
	Open Heart Surgery Services and	99
	Heart-Lung Bypass Machines	404
	Burn Intensive Care Services	104
CI O	Transplantation Services	106
Chapter 8	Inpatient Rehabilitation Services	111
Technology a	and Equipment	
Chapter 9	Technology	117
	Lithotripsy	118
	Gamma Knife	126
	Linear Accelerators	127
	Positron Emission Tomography Scanner	141
	Magnetic Resonance Imaging	147
	Cardiac Catheterization Equipment	183

Long-Term Care Facilities and Services

Chapter 10	Nursing Care Facilities	199
Chapter 11	Adult Care Homes	219
Chapter 12	Home Health Services	247
Chapter 13	Hospice Services	303
Chapter 14	End-Stage Renal Disease Dialysis Facilities	347
Chapter 15	Psychiatric Inpatient Services	355
Chapter 16	Substance Abuse Inpatient And Residential Services	367
-	(Chemical Dependency Treatment Beds)	
Chapter 17	Intermediate Care Facilities for the Mentally Retarded	377
Appendices		
	North Carolina Counties by Health Service Areas	391
Appendix B:	Partial Listing of Health Planning Acronyms	393
Appendix C:	List of Contiguous Counties	395
Appendix D:	North Carolina Certificate of Need Statute	399
Appendix E:	Regulation of Detoxification Services Provided in	421
	Hospitals Licensed under Article 5, Chapter 131E,	
	of the General Statutes	

;-----

DISCLAIMER

The North Carolina 2011 State Medical Facilities Plan is subject to revision throughout the year. Notices containing updates and changes will be posted on the North Carolina Division of Health Service Regulation web page at http://www.ncdhhs.gov/dhsr/ncsmfp/index.html as they are approved. Check our web site periodically for updates.

Chapter 1: Overview of the 2011 State Medical Facilities Plan

CHAPTER 1 OVERVIEW OF THE NORTH CAROLINA 2011 STATE MEDICAL FACILITIES PLAN

Purpose

The North Carolina 2011 State Medical Facilities Plan ("Plan") was developed by the North Carolina Department of Health and Human Services, Division of Health Service Regulation, under the direction of the North Carolina State Health Coordinating Council, (SHCC) pursuant to G.S. §131E-177. The major objective of the Plan is to provide individuals, institutions, state and local government agencies, and community leadership with policies and projections of need to guide local planning for specific health care facilities and services. Projections of need are provided for the following types of facilities and services:

- acute care hospitals
- operating rooms
- inpatient rehabilitation facilities
- technology services
- nursing care facilities
- adult care facilities
- Medicare-certified home health agencies
- end-stage renal disease dialysis facilities
- hospice home care and hospice inpatient beds
- psychiatric hospital units and specialty hospitals
- substance abuse hospital units, specialty hospitals, and residential facilities
- intermediate care facilities for people with mental retardation

Chapters dealing with specific facility/service categories contain summaries of the supply and the utilization of each type of facility or service, a description of changes in the projection method and policies from the previous planning year, a description of the projection method, and other data relevant to the projections of need.

The projections of need for the various facilities and services are used in conjunction with other statutes and rules in reviewing certificate of need applications for establishment, expansion, or conversion of health care facilities and services. All parties interested in health care facility and health services planning should consider this Plan a key resource.

Basic Principles Governing the Development of this Plan

1. Safety and Quality Basic Principle

The State of North Carolina recognizes the importance of systematic and ongoing improvement in the quality of health services. Citizens of North Carolina rightfully expect health services to be safe and efficient. To warrant public trust in the regulation of health services, monitoring of safety and quality using established and independently verifiable metrics will be an integral part of the formulation and application of the North Carolina State Medical Facilities Plan.

Scientific quantification of quality and safety is rapidly evolving. Emerging measures of quality address both favorable clinical outcomes and patient satisfaction, while safety measures focus on the elimination of practices that contribute to avoidable injury or death and the adoption of practices that promote and ensure safety. The SHCC recognizes that while safety, clinical outcomes, and satisfaction may be conceptually separable, they are often interconnected in practice. The North Carolina State Medical Facilities Plan should maximize all three elements. Where practicalities require balancing of these elements, priority should be given to safety, followed by clinical outcomes, followed by satisfaction.

The appropriate measures for quality and safety should be specific to the type of facility or service regulated. Clinical outcome and safety measures should be evidence-based and objective. Patient satisfaction measures should be quantifiable. In all cases, metrics should be standardized and widely reported and preference should be given to those metrics reported on a national level. The SHCC recognizes that metrics meeting these criteria are currently better established for some services than for others. Furthermore, experience and research as well as regulation at the federal level will continue to identify new measures that may be incorporated into the standards applicable to quality and safety. As experience with the application of quality and safety metrics grows, the SHCC should regularly review policies and need methodologies and revise them as needed to address any persistent and significant deficiencies of safety and quality in a particular service area.

2. Access Basic Principle

Equitable access to timely, clinically appropriate and high quality health care for all the people of North Carolina is a foundational principle for the formulation and application of the North Carolina State Medical Facilities Plan. Barriers to access include, but are not limited to: geography, low income, limited or no insurance coverage, disability, age, race, ethnicity, culture, language, education and health literacy. Individuals whose access to needed health services is impeded by any of these barriers are medically underserved. The formulation and implementation of the North Carolina State Medical Facilities Plan seeks to reduce all of these types of barriers to timely and appropriate access. The first priority is to ameliorate economic barriers and the second priority is to mitigate time and distance barriers.

The impact of economic barriers is twofold. First, individuals without insurance, with insufficient insurance, or without sufficient funds to purchase their own health care will often require public funding to support access to regulated services. Second, the preferential selection

by providers of well funded patients may undermine the advantages that can accrue to the public from market competition in health care. A competitive marketplace should favor providers that deliver the highest quality and best value care, but only in the circumstance that all competitors deliver like services to similar populations.

The SHCC assigns the highest priority to a methodology that favors providers delivering services to a patient population representative of all payer types in need of those services in the service area. Comparisons of value and quality are most likely to be valid when services are provided to like populations. Incentives for quality and process improvement, resource maximization, and innovation are most effective when providers deliver services to a similar and representative mixture of patients.

Access barriers of time and distance are especially critical to rural areas and small communities. However, urban populations can experience similar access barriers. The SHCC recognizes that some essential, but unprofitable, medical services may require support by revenues gained from profitable services or other sources. The SHCC also recognizes a trend to the delivery of some services in more accessible, less complex, and less costly settings. Whenever verifiable data for outcome, satisfaction, safety, and costs for the delivery of such services to representative patient populations justify, the SHCC will balance the advantages of such ambulatory facilities with the needs for financial support of medically necessary but unprofitable care.

The needs of rural and small communities that are distant from comprehensive urban medical facilities merit special consideration. In rural and small communities selective competition that disproportionately captures profitable services may threaten the viability of sole providers of comprehensive care and emergency services. For this reason methodologies that balance value, quality and access in urban and rural areas may differ quantitatively. The SHCC planning process will promote access to an appropriate spectrum of health services at a local level, whenever feasible under prevailing quality and value standards.

3. Value Basic Principle

The SHCC defines health care value as maximum health care benefit per dollar expended. Disparity between demand growth and funding constraints for health care services increases the need for affordability and value in health services. Maximizing the health benefit for the entire population of North Carolina that is achieved by expenditures for services regulated by the State Medical Facilities Plan will be a key principle in the formulation and implementation of SHCC recommendations for the State Medical Facilities Plan.

Measurement of the cost component of the value equation is often easier than measurement of benefit. Cost per unit of service is an appropriate metric when comparing providers of like services for like populations. The cost basis for some providers may be inflated by disproportionate care to indigent and underfunded patients. In such cases the SHCC encourages the adjustment of cost measures to reflect such disparity, but only to the extent such expenditures can be measured according to an established, state-wide standard that is uniformly reported and verifiable. Measurement of benefit is more challenging. Standardized safety and quality measures, when available, can be important factors in achieving improved value in the

provision of health services. Prevention, early detection and early intervention are important means for increasing the total population benefit for health expenditures. Development of new technology has the potential to add value by improving outcome and enhancing early detection. Capital costs of such new technology may be greater but justified by the added population benefit. At the same time overutilization of more costly and/or highly specialized, low-volume services without evidence-based medical indications may contribute to escalating health costs without commensurate population-based health benefit. The SHCC favors methodologies which encourage technological advances for proven and affordable benefit and appropriate utilization for evidence-based indications when available. The SHCC also recognizes the importance of primary care and health education in promoting affordable health care and best utilization of scarce and expensive health resources. Unfortunately technologically sophisticated and costly services that benefit small numbers of patients may be more readily pursued than simple and less costly detection and prevention measures that benefit the broader population. In the pursuit of maximum population-based health care value, the SHCC recognizes the potential adverse impact for growth of regulated services to supplant services of broad benefit to the larger population.

Long-term enhancement of health care value will result from a state medical facilities plan that promotes a balance of competition and collaboration and encourages innovation in health care delivery. The SHCC encourages the development of value-driven health care by promoting collaborative efforts to create common resources such as shared health databases, purchasing cooperatives, and shared information management, and by promoting coordinated services that reduce duplicative and conflicting care. The SHCC also recognizes the importance of balanced competition and market advantage in order to encourage innovation, in so far as those innovations improve safety, quality, access, and value in health care delivery.

The State Health Planning Process

Throughout the development of the North Carolina State Medical Facilities Plan there are opportunities for public review and comment. Sections of the Plan, including the policies and methods for projecting need, are developed with the assistance of committees of the North Carolina State Health Coordinating Council (Table 1A). The committees submit their recommendations to the Council for approval. A Proposed Plan is assembled and made available to the public. Public hearings on the Proposed Plan are held throughout the State during the summer. Comments and petitions received during this period are considered by the Council and, upon incorporation of all changes approved by the Council, a final draft of the Plan is presented to the Governor for review and approval. With the Governor's approval, the State Medical Facilities Plan becomes the official document for health facility and health service planning in North Carolina for the specified calendar year.

Other Publications

Information concerning publications or the availability of other data related to the health planning process may be obtained by contacting the North Carolina Division of Health Service Regulation, Medical Facilities Planning Section.

North Carolina Division of Health Service Regulation Medical Facilities Planning Section 2714 Mail Service Center Raleigh, North Carolina 27699-2714

Telephone Number: (919) 855-3865 FAX Number: (919) 715-4413

NOTE

Determinations of need for services and facilities in this Plan do not imply an intent on the part of the North Carolina Department of Health and Human Services, Division of Medical Assistance to participate in the reimbursement of the cost of care of patients using services and facilities developed in response to this need.

Table 1A: North Carolina State Health Coordinating Council Members, Committee Membership, and Staff

Members:	Representing:	From:
William Wainwright, Chairman	N.C. House of Representatives	Havelock
Donald Beaver	Health Care Facilities Association	Hickory
Bill Bedsole	At-Large	Washington
Greg Beier	At-Large	Winston-Salem
Don Bradley, MD	Health Insurance Industry	Durham
Richard Bruch, MD	Medical Society	Durham
Dennis Clements, III, MD	Academic Medical Centers	Durham
Lawrence Cutchin, MD	At-Large	Tarboro
Johnnie Farmer	County Commissioners Association	Aulander
Senator Anthony Foriest	N.C. Senate	Graham
Sandra Greene, DrPH	At-Large	Chapel Hill
Ted Griffin	Business and Industry	Durham
Harold Hart	Business and Industry	Siler City
Laurence Hinsdale	At-Large	Concord
Daniel Hoffmann	Veterans Administration	Durham
John Holt, Jr., MD	At-Large	Raleigh
Eric Janis, MD	At-Large	Smithfield
Brenda Latham-Sadler, MD	At-Large	Winston-Salem
Leslie Marshall, MD	At-Large	Raleigh
Frances Mauney	At-Large	Durham
William McMillan, Jr., MD	Area Health Education Centers	Wilmington
Zach Miller	Long-Term Care Facilities Association	Wilmington
Jerry Parks	Association of Local Health Directors	Edenton
Prashant Patel, MD	At-Large	Cary
Thomas Pulliam, MD	At-Large	Winston-Salem
Pam Tidwell	Home Care Association	Asheville
Christopher Ullrich, MD	At-Large	Charlotte
Zane Walsh, MD	At-Large	Fayetteville
John Young	Hospital Association	Kings Mountain

Committees and Staff Members

Acute Care Services Committee

Planning for acute care beds, operating rooms, open heart surgery services, heart-lung bypass machines, burn intensive care services, transplantation services [bone marrow transplants and solid organ transplants], and inpatient rehabilitation services:

Sandra Greene, DrPH, (Chair); Greg Beier, (Vice Chair); Bill Bedsole; Lawrence Cutchin, MD; Brenda Latham-Sadler, MD; Leslie Marshall, MD; Zane Walsh, MD; John Young

Staffed by: Dr. Carol Potter

Long-Term and Behavioral Health Committee

Planning for nursing care facilities, adult care homes, home health services, hospice services, end-stage renal disease dialysis facilities, psychiatric inpatient facilities, substance abuse inpatient and residential services (chemical dependency treatment beds), and intermediate care facilities for the mentally retarded:

Thomas Pulliam, MD, (Chair); Jerry Parks, (Vice Chair); Donald Beaver; Johnnie Farmer; Senator Anthony Foriest; Ted Griffin; Zach Miller; Pam Tidwell

Staffed by: Patrick Baker

Technology and Equipment Committee

Planning for lithotripsy, gamma knife, linear accelerators, positron emission tomography scanners, magnetic resonance imaging scanners, and cardiac catheterization/angioplasty equipment:

Christopher Ullrich, MD, (Chair); William McMillan, Jr., MD, (Vice Chair); Richard Bruch, MD; Dennis Clements III, MD; Harold Hart; Laurence Hinsdale; John Holt, MD; Eric Janis, MD

Staffed by: Dr. Carol Potter

Quality, Access and Value Committee

Quality, Access and Value Committee is charged with: promoting high quality health care services as measured by outcomes and satisfaction, equitable access to health care services for all North Carolina's people, and high value practices that will maximize the health care benefit gained for resources expended:

Don Bradley, MD, (Chair); Frances Mauney, (Vice Chair); Greg Beier; Daniel Hoffmann; William McMillan, Jr.; Jerry Parks; Prashant Patel, MD

Staffed by: Patrick Baker

Medical Facilities Planning Section Staff

Elizabeth K. Brown, Chief Gene DePorter, Assistant Chief, Planner Patrick Baker, Planner Carol G. Potter, Planner Erin Glendening, Technology Support Analyst Kelli Fisk, Administrative Assistant

Division of Health Service Regulation

Drexdal Pratt, Director

Chapter 2: Amendments and Revisions

CHAPTER 2

AMENDMENTS AND REVISIONS TO THE STATE MEDICAL FACILITIES PLAN

Amendment of Approved Plans

After the North Carolina State Medical Facilities Plan has been signed by the Governor, it will be amended only as necessary to correct errors or to respond to statutory changes, amounts of legislative appropriations or judicial decisions. The North Carolina State Health Coordinating Council will conduct a public hearing on proposed amendments and will recommend changes it deems appropriate for the Governor's approval.

NOTE: Need determinations as shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (See Chapter 4).

Petitions to Revise the Next State Medical Facilities Plan

Anyone who finds that the North Carolina State Medical Facilities Plan policies or methodologies, or the results of their application, are inappropriate may petition for changes or revisions. Such petitions are of two general types: those requesting changes in basic policies and methodologies, and those requesting adjustments to the need projections.

Petitions for Changes in Basic Policies and Methodologies

People who wish to recommend changes that may have a statewide effect are asked to contact the Medical Facilities Planning Section staff as early in the year as possible, and to submit petitions no later than <u>March 2, 2011</u>. Changes with the potential for a statewide effect are the addition, deletion, and revision of policies or projection methodologies. These types of changes will need to be considered in the first four months of the calendar year as the "Proposed North Carolina State Medical Facilities Plan" (explained below) is being developed.

Instructions for Writing Petitions for Changes in Basic Policies and Methodologies

At a minimum, each written petition requesting a change in basic policies and methodologies used in the North Carolina State Medical Failities Plan should contain:

- 1. Name, address, email address and phone number of petitioner.
- 2. Statement of the requested change, citing the policy or planning methodology in the North Carolina State Medical Facilities Plan for which the change is proposed.

- 3. Reasons for the proposed change to include:
 - a. A statement of the adverse effects on the providers or consumers of health services that are likely to ensue if the change is not made, and
 - b. A statement of alternatives to the proposed change that were considered and found not feasible.
- 4. Evidence that the proposed change would not result in unnecessary duplication of health resources in the area.
- 5. Evidence that the requested change is consistent with the three Basic Principles governing the development of the North Carolina State Medical Facilities Plan: Safety and Quality, Access, and Value.

Each written petition must be clearly labeled "Petition" and one copy of each petition must be received by the North Carolina Division of Health Service Regulation's Medical Facilities Planning Section by **5:00 p.m.** on **March 2, 2011**. Petitions must be submitted by email, fax, mail or hand delivery.

E-Mail: DHSR.SMFP.Petitions-Comments@dhhs.nc.gov

Fax: 919-715-4413

Mail: North Carolina Division of Health Service Regulation

Medical Facilities Planning Section

2714 Mail Service Center

Raleigh, North Carolina 27699-2714

The office location and address for hand delivery and use of delivery services:

701 Barbour Drive Raleigh, North Carolina 27603

Response to Petitions for Changes in Basic Policies and Methodologies

The process for response to such petitions is as follows:

- 1. Staff, in reviewing the proposed change, may request additional information and opinions from the petitioner or any other personoroganization(s) who may be affected by the proposed change.
- 2. The petition and other information will be made available to the members of the appropriate committee of the North Carolina State Health Coordinating Council.
- 3. The petition will be considered by the appropriate committee of the North Carolina State Health Coordinating Council and the committee will make recommendations to the North Carolina State Health Coordinating Council regarding disposition of the petition.
- 4. The North Carolina State Health Coordinating Council will consider the committee's recommendations and make decisions regarding whether or not to incorporate the changes into the final North Carolina State Medical Facilities Plan.

Petitioners will receive written notification of times and places of meetings at which their petitions will be discussed. Disposition of all petitions for changes in basic policies and methodologies in the North Carolina State Medical Facilities Plan will be made no later than the final Council meeting of the calender year.

Petitions for Adjustments to Need Determinations

A Proposed North Carolina State Medical Facilities Plan is adopted annually by the North Carolina State Health Coordinating Council, and is made available for review by interested parties during an annual "Public Review and Comment Period." During this period, regional public hearings are held to receive oral/written comments and written petitions. The Public Review and Comment Period for consideration of each Proposed North Carolina State Medical Facilities Plan is determined annually and dates are available from the Medical Facilities Planning Section and published in the North Carolina State Medical Facilities Plan,

People who believe that unique or special attributes of a particular geographic area or institution give rise to resource requirements that differ from those provided by application of the standard planning procedures and policies may submit a written petition requesting an adjustment be made to the need determination given in the Proposed North Carolina State Medical Facilities Plan. These petitions should be delivered to the Medical Facilities Planning Section as early in the Public Review and Comment Period as possible, but no later than the last day of this period. Requirements for petitions to change need determinations in the Proposed North Carolina State Medical Facilities Plan are given below.

Instructions for Writing Petitions for Adjustments to Need Determinations

At a minimum, each written petition requesting an adjustment to a need determination in the Proposed State Medical Facilities Plan should contain:

- 1. Name, address, email address and phone number of petitioner.
- 2. A statement of the requested adjustment, citing the provision or need determination in the Proposed State Medical Facilities Plan for which the adjustment is proposed.
- 3. Reasons for the proposed adjustment, including:
 - a. Statement of the adverse effects on the population of the affected area that are likely to ensue if the adjustment is not made, and
 - b. A statement of alternatives to the proposed adjustment that were considered and found not feasible.
- 4. Evidence that health service development permitted by the proposed adjustment would not result in unnecessary duplication of health resources in the area.
- 5. Evidence that the requested adjustment is consistent with the three Basic Principles governing the development of the N.C State Medical Facilities Plan: Safety and Quality, Access and Value.

Petitioners should use the same service area definitions as provided in the program chapters of the Proposed North Carolina State Medical Facilities Plan.

Petitioners should also be aware that the Medical Facilities Planning staff, in reviewing the proposed adjustment, may request additional information and opinions from the petitioner or any other person and organization(s) who may be affected by the proposed adjustment.

Each written petition must be clearly labeled "Petition" and one copy of each petition must be received by the Medical Facilities Planning Section by 5:00 p.m. on August 1, 2011. Petitions must be submitted by e-mail, fax, mail or hand delivery.

E-Mail: DHSR.SMFP.Petitions-Comments@dhhs.nc.gov

Fax: 919-715-4413

Mail: North Carolina Division of Health Service Regulation

Medical Facilities Planning Section

2714 Mail Service Center

Raleigh, North Carolina 27699-2714

The office location and address for hand delivery and use of delivery services:

701 Barbour Drive Raleigh, North Carolina 27603

Response to Petitions for Adjustments to Need Determinations

The process for response to these petitions by the North Carolina Division of Health Service Regulation and the North Carolina State Health Coordinating Council is as follows:

- 1. Preparation of an agency report. Staff may request additional information from the petitioner.
- 2. Consideration of the petition and the agency report by the appropriate committee of the North Carolina State Health Coordinating Council.
- 3. Committee submits its recommendations to the North Carolina State Health Coordinating Council regarding disposition of the petition.
- 4. Consideration of the committee recommendations by the North Carolina State Health Coordinating Council and decisions regarding whether or not to incorporate the recommended adjustments in the final North Carolina State Medical Facilities Plan to be forwarded to the Governor.

Petitioners will receive written notification of times and places of meetings at which their petitions will be discussed. Disposition of all petitions for adjustments to need determinations in the North Carolina State Medical Facilities Plan will be made no later than the date of the final Council meeting of the calendar year.

Scheduled State Health Coordinating Council Meetings and Committee Meetings

Any changes to Council, Committee, Work Group and Public Hearing meeting dates, times and locations will be posted on the meeting information web page at:

http://www.ncdhhs.gov/dhsr/mfp/meetings.html

North Carolina State Health Coordinating Council

March 2, 2011 (Wednesday)	The Jane S. McKimmon Ctr. 1101 Gorman Street Raleigh, NC 27695	10:00 a.m.
May 25, 2011 (Wednesday)	To Be Determined	10:00 a.m.
September 28, 2011 (Wednesday)	To Be Determined	10:00 a.m.

http://mckimmon.ncsu.edu/mckimmon/directions.html

The Council will conduct a <u>Public Hearing</u> on statewide issues related to development of the North Carolina Proposed <u>2012 State Medical Facilities Plan</u> immediately following the business meeting on March 2, 2011.

Acute Care Committee

April 13, 2011 (Wednesday)	Dorothea Dix Campus 801 Biggs Drive – Raleigh, NC Brown Bldg. Room 104	10:00 a.m.
May 4, 2011 (Wednesday)	Dorothea Dix Campus 801 Biggs Drive – Raleigh, NC Brown Bldg. Room 104	10:00 a.m.
September 14, 2011 (Wednesday)	Dorothea Dix Campus 801 Biggs Drive – Raleigh, NC Brown Bldg. Room 104	10:00 a.m.

Long Term and Behavior Health Committee

May 6, 2011 (Friday)	Dorothea Dix Campus 801 Biggs Drive – Raleigh, NC Brown Bldg. Room 104	10:00 a.m.
September 16, 2011 (Friday)	Dorothea Dix Campus 801 Biggs Drive – Raleigh, NC Brown Bldg. Room 104	10:00 a.m.

Technology and Equipment Committee

April 20, 2011 (Wednesday)	Dorothea Dix Campu 801 Biggs Drive – Raleigh, NC Brown Bldg. Room 104	10:00 a.m.
May 11, 2011 (Wednesday)	Dorothea Dix Campus 801 Biggs Drive – Raleigh, NC Brown Bldg. Room 104	10:00 a.m.
September 7, 2011 (Wednesday)	Dorothea Dix Campus 801 Biggs Drive – Raleigh, NC Brown Bldg. Room 104	10:00 a.m.

QAV Committee

April 6, 2011 Dorothea Dix Campus 10:00 a.m.
(Wednesday) 801 Biggs Drive – Raleigh, NC
Brown Bldg. Room 104

September 15, 2011 Dorothea Dix Campus 10:00 a.m.
(Thursday) 801 Biggs Drive – Raleigh, NC

Brown Bldg. Room 104

Deadlines for Petitions and Comments, and Public Hearing Schedule

Any changes to Council, Committee and Public Hearing meeting dates, times and locations will be posted on the meeting web page: http://www.ncdhhs.gov/dhsr/mfp/meetings.html.

The deadline for receipt by the Medical Facilities Planning Section (MFPS) of petitions, written comments and written comments on petitions and comments is 5:00 p.m. on dates listed below.

March 2, 2011 The Council will conduct a <u>Public Hearing</u> on statewide issues related to development of the North Carolina Proposed 2012 State Medical Facilities Plan (SMFP) immediately following the business meeting.

March 2, 2011 Deadline for receipt of petitions for changes in basic policies and methodologies and other written comments regarding the Proposed 2012 North Carolina State Medical Facilities Plan

March 23, 2011	Deadline for receipt by the MFPS of written comments about Acute Care Services related petitions and comments.
March 23, 2011	Deadline for receipt by the MFPS of written comments about Quality, Access, and Value related petitions and comments.
March 30, 2011	Deadline for receipt by the MFPS of written comments about Technology & Equipment related petitions and comments.
April 21, 2011	Deadline for receipt by the MFPS of written comments about Long- Term and Behavioral Health related petitions and comments.

2011 Schedule for Public Hearings on the Proposed 2012 SMFP (all hearings begin at 1:30 p.m.)

July 13, 2011	Greensboro	Greensboro Area Health Education Center
July 15, 2011	Charlotte	Carolinas College of Health Sciences
July 19, 2011	Greenville	Pitt County Office Bldg.
July 26, 2011	Wilmington	Coastal Area Health Education Center
July 29, 2011	Asheville	Mountain Area Health Education Center
August 1, 2011	Raleigh	Jane S. McKimmon Center
de	¥ •	FPS of petitions for adjustments to need written comments regarding the Proposed
August 17, 2011	1 •	the MFPS of written comments about lent related petitions and comments.
August 19, 2011 Deadline for receipt by the MFPS of written comments a Care Services related petitions and comments.		
September 2, 2011	September 2, 2011 Deadline for receipt by the MFPS of written comments about Term and Behavioral Health related petitions and comments.	
September 2, 2011		the MFPS of written comments about alue related petitions and comments.

Chapter 3: Certificate of Need Review Categories and Schedule

CHAPTER 3 CERTIFICATE OF NEED REVIEW CATEGORIES AND SCHEDULE

Certificates of need are required prior to the development of new institutional health services identified as needed in the North Carolina State Medical Facilities Plan. The Certificate of Need Section shall determine the appropriate review category or categories in which an application shall be submitted pursuant to 10A NCAC 14C .0202. For proposals which include more than one category, an applicant must contact the Certificate of Need Section prior to submittal of the application for a determination regarding the appropriate review category or categories and the applicable review period in which the proposal must be submitted.

The categories are as follows:

Category A

Proposals submitted by acute care hospitals, except those proposals included in Categories B through M.

Category B

Proposals to increase the number of nursing care or adult care home beds in a county for which there is a need determination for additional beds; and proposals for new continuing care retirement communities applying for exemption under Policy NH-2 or Policy LTC-1.

Category C

Proposals for new psychiatric facilities; psychiatric beds in existing health care facilities; new intermediate care facilities for the mentally retarded (ICF/MR) and ICF/MR beds in existing health care facilities; new substance abuse and chemical dependency treatment facilities and substance abuse and chemical dependency treatment beds in existing health care facilities; and transfer of nursing care beds from state psychiatric hospitals to local communities pursuant to Policy NH-5, psychiatric beds from state psychatric hospitals to community facilities pursuant to Policy PSY-1, and ICF/MR beds from state developmental centers to community facilities pursuant to Chapter 858 of the 1983 Session Laws or Policy ICF/MR-2.

Category D

Proposals for new dialysis stations in response to the "County Need" or "Facility Need" methodologies; and relocation of existing certified dialysis stations to another county.

Category E

Proposals for inpatient rehabilitation facilities; inpatient rehabilitation beds; and licensed ambulatory surgical facilities, including single specialty ambulatory surgery demonstration projects; new operating rooms and relocation of existing operating rooms, as defined in G.S. 131E-176(18c), with the exception of the

relocation of an entire existing licensed ambulatory surgical facility within the same county which is included in Category I.

Category F

Proposals for new Medicare-certified home health agencies or offices; new hospices; new hospice inpatient facility beds; and new hospice residential care facility beds.

Category G

Proposals for conversion of acute care beds to nursing care beds under Policy NH-1; and proposals for the conversion of acute care beds to long-term care hospital beds.

Category H

Proposals for bone marrow transplantation services, burn intensive care services, neonatal intensive care services, open heart surgery services, solid organ transplantation services, cardiac catheterization equipment, heart-lung bypass machines, gamma knives, lithotriptors, fixed site magnetic resonance imaging scanners, positron emission tomography scanners, linear accelerators, simulators, major medical equipment as defined in G.S. 131E-176(14f), and diagnostic centers as defined in G.S. 131E-176(7a).

Category I

Proposals for: cost overruns; expansions of existing continuing care retirement communities which are licensed by the Department of Insurance at the date the application is filed and are applying under Policy NH-2 or Policy LTC-1 for exemption from need determinations in Chapter 10: Nursing Care Facilities or Chapter 11: Adult Care Homes; relocation within the same county of an entire existing health service facility (excluding acute care hospitals); relocation within the same county of existing licensed nursing facility beds, existing licensed adult care home beds, or existing certified dialysis stations; transfer of continuing care retirement community beds pursuant to Policy NH-7; reallocation of beds or services pursuant to Policy Gen-1; Category A or Policy AC-3 projects submitted by Academic Medical Center Teaching Hospitals designated prior to January 1, 1990; acquisition of replacement equipment that does not result in an increase in the inventory of the equipment; and, any other project not included in Categories A through H or Categories J through M.

Category J

Proposals for: demonstration projects; statewide magnetic resonance imaging scanner need determinations; and relocation of existing adult care home or nursing facility beds, pursuant to Policy NH-4, NH-6 or LTC-2, to a different county which does not have a need determination for additional beds; and any new institutional health service, as defined in N.C.G.S. 131E-176(16), that is proposed to be developed or offered in Gates, Graham, Hoke and Hyde counties, with the exception of proposals in Category D or I.

Category K

Proposals for new or additional acute care beds in the acute care service area; relocation of one or more existing licensed acute care beds to a different site within the same acute care service area, except proposals included in Category J; and new long-term care hospital beds.

Category L

Proposals for new mobile magnetic resonance imaging scanners.

Category M

Proposals for new or additional gastrointestinal endoscopy rooms as defined in G.S. 131E-176(7d) and relocation of existing gastrointestinal endoscopy rooms as set forth in G.S. 131E-176(16)u, with the excepton of the relocation of an entire existing licensed ambulatory surgical facility within the same county which is included in Category I.

Review Dates

Table 3A shows the review schedule, by category, for certificate of need applications requiring review. However, a service, facility, or equipment for which a need determination is identified in the North Carolina State Medical Facilities Plan will have only one scheduled review date and one corresponding application filing deadline in the calendar year, even though the table shows multiple review dates for the broad category. In order to determine the designated filing deadline for a specific need determination in the North Carolina State Medical Facilities Plan, an applicant must refer to the applicable need determination table for that service in the related chapter in the Plan. Applications for certificates of need for new institutional health services not specified in other chapters of the Plan shall be reviewed pursuant to the following review schedule, with the exception that no reviews are scheduled if the need determination is zero. Need determinations for additional dialysis stations pursuant to the "county need" or "facility need" methodologies shall be reviewed in accordance with the provisions of Chapter 14.

In order to give the Certificate of Need Section sufficient time to provide public notice of review and public notice of public hearings as required by G.S. 131E-185, the deadline for filing certificate of need applications is 5:30 p.m. on the 15th day of the month preceding the "CON Beginning Review Date." In instances when the 15th day of the month falls on a weekend or holiday, the filing deadline is 5:30 p.m. on the next business day. The filing deadline is absolute and applications received after the deadline shall not be reviewed in that review period. Applicants are strongly encouraged to complete all materials at least one day prior to the filing deadline and to submit material early on the "Certificate of Need Application Due Date."

Table 3A: 2011 Certificate of Need Review Schedule

CON Beginning Review Date	Health Service Area I, II, III	Health Service Area IV, V, VI
January 1, 2011		
February 1, 2011	A, B, C, G, H, I	
March 1, 2011		A, B, C, E, G, H, I
April 1, 2011	$C, D, E, F, H, I, K^{(1)}, M^{(1)}$	D
May 1, 2011		C, E, F, H, I, K ⁽⁴⁾ , M ⁽⁴⁾
June 1, 2011	A, B, C, F, H, I	
July 1, 2011	Ј	A, B, C, E, H, I, J, $K^{(5)}$, $M^{(5)}$
August 1, 2011	B, C, E, F, H, I, $K^{(2)}$, $M^{(2)}$	
September 1, 2011		B, C, E, F, H, I
October 1, 2011	A, C, D, F, H, I	D
November 1, 2011	B, C, E, H, I, L, K ⁽³⁾ , M ⁽³⁾	
December 1, 2011		A, B, C, E, F, H, I, L, K ⁽⁶⁾ , M ⁽⁶⁾

- (1) HSA I only.
- (2) HSA II only.
- (3) HSA III only.
- (4) HSA IV only.
- (5) HSA V only.
- (6) HSA VI only.

For further information about specific schedules, timetables, and certificate of need application forms, contact:

North Carolina Division of Health Service Regulation Certificate of Need Section 2704 Mail Service Center Raleigh, North Carolina 27699-2704

Phone: (919) 855-3873

Chapter 4:

Statement of Policies:

- Acute Care Hospitals
- Nursing Care Facilities
- Adult Care Homes
- Home Health Services
- End-Stage Renal Disease Dialysis Services
- Mental Health, Developmental Disabilities, and Substance Abuse (General)
- Psychiatric Inpatient Services
- Intermediate Care Facilities for the Mentally Retarded
- All Health Services

CHAPTER 4 STATEMENT OF POLICIES

Summary of Policy Changes for 2011

Two substantive policy changes have been recommended for incorporation into the North Carolina <u>2011 State Medical Facilities Plan</u>. POLICY AC-5: REPLACEMENT OF ACUTE CARE BED CAPACITY has been revised to include swing bed days when calculating Policy AC-5 target occupancy rates for proposals to replace acute care beds in Critical Access Hospitals.

POLICY GEN-4: ENERGY EFFICIENCY AND SUSTAINABLE BUILDING DESIGN AND CONSTRUCTION is a preliminary energy policy developed in response to the Governor's directive to address more energy efficient and sustainable building design and construction for certificate of need applicants proposing new or replacement health care facilities. Policy Gen-4 will continue to be expanded for future North Carolina State Medical Facility Plans.

Throughout Chapter 4, references to dates have been advanced by one year, as appropriate.

POLICIES APPLICABLE TO ACUTE CARE HOSPITALS (AC)

POLICY AC-1: USE OF LICENSED BED CAPACITY DATA FOR PLANNING PURPOSES

For planning purposes the number of licensed beds shall be determined by the Division of Health Service Regulation in accordance with standards found in 10A NCAC 13B - Section .6200 and Section .3102 (d).

Licensed bed capacity of each hospital is used for planning purposes. It is the hospital's responsibility to notify the Division of Health Service Regulation promptly when any of the space allocated to its licensed bed capacity is converted to another use, including purposes not directly related to health care.

POLICY AC-3: EXEMPTION FROM PLAN PROVISIONS FOR CERTAIN ACADEMIC MEDICAL CENTER TEACHING HOSPITAL PROJECTS

Projects for which certificates of need are sought by academic medical center teaching hospitals may qualify for exemption from the need determinations of this document. The Medical Facilities Planning Section shall designate as an Academic Medical Center Teaching Hospital any facility whose application for such designation demonstrates the following characteristics of the hospital:

1. Serves as a primary teaching site for a school of medicine and at least one other health professional school, providing undergraduate, graduate and postgraduate education.

- 2. Houses extensive basic medical science and clinical research programs, patients and equipment.
- 3. Serves the treatment needs of patients from a broad geographic area through multiple medical specialties.

Exemption from the provisions of need determinations of the North Carolina State Medical Facilities Plan shall be granted to projects submitted by Academic Medical Center Teaching Hospitals designated prior to January 1, 1990 provided the projects comply with one of the following conditions:

- 1. Necessary to complement a specified and approved expansion of the number or types of students, residents or faculty, as certified by the head of the relevant associated professional school; or
- 2. Necessary to accommodate patients, staff or equipment for a specified and approved expansion of research activities, as certified by the head of the entity sponsoring the research; or
- 3. Necessary to accommodate changes in requirements of specialty education accrediting bodies, as evidenced by copies of documents issued by such bodies.

A project submitted by an Academic Medical Center Teaching Hospital under this Policy that meets one of the above conditions shall also demonstrate that the Academic Medical Center Teaching Hospital's teaching or research need for the proposed project cannot be achieved effectively at any non-Academic Medical Center Teaching Hospital provider which currently offers the service for which the exemption is requested and which is within 20 miles of the Academic Medical Center Teaching Hospital.

Any health service facility or health service facility bed that results from a project submitted under this Policy after January 1, 1999 shall be excluded from the inventory of that health service facility or health service facility beds in the North Carolina State Medical Facilities Plan.

POLICY AC-4: RECONVERSION TO ACUTE CARE

Facilities that have redistributed beds from acute care bed capacity to psychiatric, rehabilitation, nursing care, or long-term care hospital use, shall obtain a certificate of need to convert this capacity back to acute care. Applicants proposing to reconvert psychiatric, rehabilitation, nursing care, or long-term care hospital beds back to acute care beds shall demonstrate that the hospital's average annual utilization of licensed acute care beds as calculated using the most recent Thomson Reuters Days of Care as provided to the Medical Facilities Planning Section by The Cecil G. Sheps Center for Health Services Research at the University of North Carolina at Chapel Hill, is equal to or greater than the target occupancies shown below, but shall not be evaluated against the acute care bed need determinations shown in

Chapter 5 of the North Carolina State Medical Facilities Plan. In determining utilization rates and average daily census, only acute care bed "days of care" are counted.

Facility Average Daily Census	Target Occupancy of Licensed Acute Care Beds
1 – 99	66.7%
100 – 200	71.4%
Greater than 200	75.2%

POLICY AC-5: REPLACEMENT OF ACUTE CARE BED CAPACITY

Proposals for either partial or total replacement of acute care beds (i.e., construction of new space for existing acute care beds) shall be evaluated against the utilization of the total number of acute care beds in the applicant's hospital in relation to utilization targets found below. For hospitals not designated by the Center for Medicare and Medicaid Services as Critical Access Hospitals, in determining utilization of acute care beds, only acute care bed "days of care" shall be counted. For hospitals designated by the Center for Medicare and Medicaid Services as Critical Access Hospitals, in determining utilization of acute care beds, only acute care bed "days of care" and swing bed days (i.e., nursing facility days of care) shall be counted in determining utilization of acute care beds. Any hospital proposing replacement of acute care beds must clearly demonstrate the need for maintaining the acute care bed capacity proposed within the application. Additionally, if the hospital is a Critical Access Hospital and swing bed days are proposed to be counted in determining utilization of acute care beds, the hospital shall also propose to remain a Critical Access Hospital and must demonstrate the need for maintaining the swing bed capacity proposed within the application. If the Critical Access Hospital does not propose to remain a Critical Access Hospital, only acute care bed "days of care" shall be counted in determining utilization of acute care beds and the hospital must clearly demonstrate the need for maintaining the acute care bed capacity proposed within the application.

Facility Average Daily Census	Target Occupancy of Licensed Acute Care Beds
1 – 99	66.7%
100 – 200	71.4%
Greater than 200	75.2%

POLICY AC-6: HEART-LUNG BYPASS MACHINES FOR EMERGENCY COVERAGE

To protect cardiac surgery patients, who may require emergency procedures while scheduled procedures are under way, a need is determined for one additional heart-lung bypass machine whenever a hospital is operating an open heart surgery program with only one heart-lung bypass machine. The additional machine is to be used to assure appropriate coverage for emergencies and in no instance shall this machine be scheduled for use at the same time as the

machine used to support scheduled open heart surgery procedures. A certificate of need application for a machine acquired in accordance with this provision shall be exempt from compliance with the performance standards set forth in 10A NCAC 14C .1703(2).

POLICIES APPLICABLE TO NURSING CARE FACILITIES (NH)

POLICY NH-1: PROVISION OF HOSPITAL-BASED NURSING CARE

A certificate of need may be issued to a hospital which is licensed under G.S. 131E, Article 5, and which meets the conditions set forth below and in 10A NCAC 14C .1100, to convert up to 10 beds from its licensed acute care bed capacity for use as hospital-based nursing care beds without regard to determinations of need in Chapter 10: Nursing Care Facilities, if the hospital:

- 1. is located in a county which was designated as non-metropolitan by the U.S. Office of Management and Budget on January 1, 2011; and
- 2. on January 1, 2011, had a licensed acute care bed capacity of 150 beds or less.

The certificate of need shall remain in force as long as the North Carolina Department of Health and Human Services determines that the hospital is meeting the conditions outlined in this policy.

"Hospital-based nursing care" is defined as nursing care provided to a patient who has been directly discharged from an acute care bed and cannot be immediately placed in a licensed nursing facility because of the unavailability of a bed appropriate for the individual's needs.

Nursing care beds developed under this policy are intended to provide placement for residents only when placement in other nursing care beds is unavailable in the geographic area. Hospitals which develop nursing care beds under this policy shall discharge patients to other nursing facilities with available beds in the geographic area as soon as possible where appropriate and permissible under applicable law. Necessary documentation, including copies of physician referral forms (FL 2) on all patients in hospital-based nursing units, shall be made available for review upon request by duly authorized representatives of licensed nursing facilities.

For purposes of this policy, beds in hospital-based nursing care shall be certified as a "distinct part" as defined by the Centers for Medicare and Medicaid Services. Nursing care beds in a "distinct part" shall be converted from the existing licensed acute care bed capacity of the hospital and shall not be reconverted to any other category or type of bed without a certificate of need.

An application for a certificate of need for reconverting beds to acute care shall be evaluated against the hospital's service needs utilizing target occupancies shown in Policy AC-4,

without regard to the acute care bed need shown in Chapter 5: Acute Care Hospital Beds. A certificate of need issued for a hospital-based nursing care unit shall remain in force as long as the following conditions are met:

- 1. The nursing care beds shall be certified for participation in the Title XVIII (Medicare) and Title XIX (Medicaid) programs;
- 2. The hospital discharges residents to other nursing facilities in the geographic area with available beds when such discharge is appropriate and permissible under applicable law;
- 3. Patients admitted shall have been acutely ill inpatients of an acute hospital or its satellites immediately preceding placement in the nursing care unit.

The granting of beds for hospital-based nursing care shall not allow a hospital to convert additional beds without first obtaining a certificate of need. Where any hospital, or the parent corporation or entity of such hospital, any subsidiary corporation or entity of such hospital, or any corporation or entity related to or affiliated with such hospital by common ownership, control or management:

- 1. Applies for and receives a certificate of need for nursing care bed need determinations in Chapter 10 of the North Carolina State Medical Facilities Plan, or
- 2. Currently has nursing home beds licensed as a part of the hospital under G.S. 131E, Article 5, or
- 3. Currently operates nursing care beds under the Federal Swing Bed Program (P.L. 96-499),

Such hospital shall not be eligible to apply for a certificate of need for hospital-based nursing care beds under this policy. Hospitals designated by the State of North Carolina as Critical Access Hospitals pursuant to section 1820 (f) of the Social Security Act, as amended, which have not been allocated nursing care beds under provisions of G.S. 131E 175-190, may apply to develop beds under this policy. However, such hospitals shall not develop nursing care beds both to meet needs determined in Chapter 10 of the North Carolina State Medical Facilities Plan and this policy.

Beds certified as a "distinct part" under this policy shall be counted in the inventory of existing nursing care beds and used in the calculation of unmet nursing care bed need for the general population of a planning area.

Applications for certificates of need pursuant to this policy shall be accepted only for the February 1 review cycle for Health Service Areas I, II and III, and for the March 1 review cycle for Health Service Areas IV, V and VI. Nursing care beds awarded under this policy shall be deducted from need determinations for the county as shown in Chapter 10: Nursing Care Facilities.

Continuation of this policy shall be reviewed and approved by the North Carolina Department of Health and Human Services annually. Certificates of need issued under policies analogous to this policy in the North Carolina State Medical Facilities Plans subsequent to the 1986 Plan are automatically amended to conform with the provisions of this policy at the effective date of this policy.

The North Carolina Department of Health and Human Services shall monitor this program and ensure that patients affected by this policy are receiving services as indicated by their care plan, and that conditions under which the certificate of need was granted are being met.

POLICY NH-2: PLAN EXEMPTION FOR CONTINUING CARE RETIREMENT COMMUNITIES

Qualified continuing care retirement communities may include from the outset, or add or convert bed capacity for nursing care without regard to the nursing care bed need shown in Chapter 10: Nursing Care Facilities. To qualify for such exemption, applications for certificates of need shall show that the proposed nursing care bed capacity:

- 1. Will only be developed concurrently with, or subsequent to, construction on the same site of facilities for both of the following levels of care:
 - a. independent living accommodations (apartments and homes) for people who are able to carry out normal activities of daily living without assistance; such accommodations may be in the form of apartments, flats, houses, cottages, and rooms;
 - b. licensed adult care home beds for use by people who, because of age or disability require some personal services, incidental medical services, and room and board to assure their safety and comfort.
- 2. Will be used exclusively to meet the needs of people with whom the facility has continuing care contracts (in compliance with the North Carolina Department of Insurance statutes and rules) who have lived in a non-nursing unit of the continuing care retirement community for a period of at least 30 days. Exceptions shall be allowed when one spouse or sibling is admitted to the nursing unit at the time the other spouse or sibling moves into a non-nursing unit, or when the medical condition requiring nursing care was not known to exist or be imminent when the individual became a party to the continuing care contract.
- 3. Reflects the number of nursing care beds required to meet the current or projected needs of residents with whom the facility has an agreement to provide continuing care, after making use of all feasible alternatives to institutional nursing care.

4. Will not be certified for participation in the Medicaid program.

One half of the nursing care beds developed under this exemption shall be excluded from the inventory used to project nursing care bed need for the general population. Certificates of need issued under policies analogous to this policy in the North Carolina State Medical Facilities Plans subsequent to the 1985 State Medical Facilities Plan are automatically amended to conform with the provisions of this policy at the effective date of this policy. Certificates of need awarded pursuant to the provisions of Chapter 920, Session Laws 1983 or Chapter 445, Session Laws 1985 shall not be amended.

POLICY NH-3: DETERMINATION OF NEED FOR ADDITIONAL NURSING CARE BEDS IN SINGLE PROVIDER COUNTIES

When a nursing care facility with fewer than 80 nursing care beds is the only nursing care facility within a county, it may apply for a certificate of need for additional nursing care beds in order to bring the minimum number of nursing care beds available within the county to no more than 80 nursing care beds without regard to the nursing care bed need determination for that county as listed in Chapter 10: Nursing Care Facilities.

POLICY NH-4: RELOCATION OF CERTAIN NURSING FACILITY BEDS

A certificate of need to relocate existing licensed nursing facility beds to another county(ies) may be issued to a facility licensed as a nursing facility under G.S. Chapter 131E, Article 6, Part 1, provided that the conditions set forth below and in 10A NCAC 14C .1100 and the review criteria in G.S. 131E-183(a) are met. A facility applying for a certificate of need to relocate nursing facility beds shall demonstrate that:

- 1. It is a non-profit nursing facility supported by and directly affiliated with a particular religion and that it is the only nursing facility in North Carolina supported by and affiliated with that religion;
- 2. The primary purpose for the nursing facility's existence is to provide longterm care to followers of the specified religion in an environment which emphasizes religious customs, ceremonies, and practices;
- 3. Relocation of the nursing facility beds to one or more sites is necessary to more effectively provide nursing care to followers of the specified religion in an environment which emphasizes religious customs, ceremonies, and practices;
- 4. The nursing facility is expected to serve followers of the specified religion from a multi-county area; and
- 5. The needs of the population presently served shall be met adequately pursuant to G.S. 131E-183.

Exemption from the need determinations in Chapter 10: Nursing Care Facilities shall be granted to a nursing facility for purposes of relocating existing licensed nursing care beds to

another county provided that it complies with all of the criteria listed in Subparts 1 through 5 above.

Any certificate of need issued under this policy shall be subject to the following conditions:

- 1. The nursing facility shall relocate beds in at least two stages over a period of at least six months or such shorter period of time as is necessary to transfer residents desiring to transfer to the new facility and otherwise make discharge arrangements acceptable to residents not desiring to transfer to the new facility; and
- 2. The nursing facility shall provide a letter to the Licensure and Certification Section, on or before the date that the first group of beds are relocated, irrevocably committing the facility to relocate all of the nursing facility beds for which it has a certificate of need to relocate; and
- 3. Subsequent to providing the letter to the Licensure and Certification Section described in Subsection 2 above, the nursing facility shall accept no new patients in the beds which are being relocated, except new patients who, prior to admission, indicate their desire to transfer to the facility's new location(s).

POLICY NH-5: TRANSFER OF NURSING FACILITY BEDS FROM STATE PSYCHIATRIC HOSPITAL NURSING FACILITIES TO COMMUNITY FACILITIES

Beds in state psychiatric hospitals that are certified as nursing facility beds may be relocated to licensed nursing facilities. However, before nursing facility beds are transferred out of the state psychiatric hospitals, services shall be available in the community. State psychiatric hospital nursing facility beds that are relocated to licensed nursing facilities shall be closed within 90 days following the date the transferred beds become operational in the community.

Licensed nursing facilities proposing to operate transferred nursing facility beds shall commit to serve the type of residents who are normally placed in nursing facility beds at the state psychiatric hospitals. To help ensure that relocated nursing facility beds will serve those people who would have been served by state psychiatric hospitals in nursing facility beds, a certificate of need application to transfer nursing facility beds from a state hospital shall include a written memorandum of agreement between the director of the applicable state psychiatric hospital; the director of the North Carolina Division of State Operated Healthcare Facilities; the secretary of the North Carolina Department of Health and Human Services; and the person submitting the proposal.

This policy does not allow the development of new nursing care beds. Nursing care beds transferred from state psychiatric hospitals to the community pursuant to Policy NH-5 shall be excluded from the inventory.

POLICY NH-6: RELOCATION OF NURSING FACILITY BEDS

Relocations of existing licensed nursing facility beds are allowed only within the host county and to contiguous counties currently served by the facility, except as provided in Policies NH-4, NH-5 and NH-7. Certificate of need applicants proposing to relocate licensed nursing facility beds to contiguous counties shall:

- 1. Demonstrate that the proposal shall not result in a deficit in the number of licensed nursing facility beds in the county that would be losing nursing facility beds as a result of the proposed project, as reflected in the North Carolina State Medical Facilities Plan in effect at the time the certificate of need review begins, and
- 2. Demonstrate that the proposal shall not result in a surplus of licensed nursing facility beds in the county that would gain nursing facility beds as a result of the proposed project, as reflected in the North Carolina State Medical Facilities Plan in effect at the time the certificate of need review begins.

POLICY NH-7: TRANSFER OF CONTINUING CARE RETIREMENT COMMUNITY BEDS

A certificate of need to relocate existing licensed nursing beds to another county or counties may be issued to a facility licensed as a nursing facility under G.S. Chapter 131E, Article 6, Part 1 without regard to the nursing care bed need shown in Chapter 10, provided that the following conditions are met:

- 1. Any certificate of need application filed pursuant to this policy must satisfy:
 - a. the regulatory review criteria in 10A NCAC 14C.1100, except the performance standards in 10A NCAC 14C.1102(a) and (b); and
 - b. the review criteria in G.S. 131E-183(a).
- 2. The nursing facility receiving the beds ("the receiving facility") must:
 - a. be part of a not-for-profit continuing care retirement community (CCRC);
 - b. be part of a CCRC which is affiliated through ownership, governance, or leasehold with a not-for-profit organization which provides long-term care to residents;
 - c. provide CCRC services to residents from multiple counties in addition to the county in which the facility is located; and
 - d. use the transferred beds exclusively to meet the needs of people either eligible for Medicaid or eligible for Medicaid within 45 days of admission to the nursing facility bed with whom the facility has

continuing care contracts (in compliance with the North Carolina Department of Insurance statutes and rules) who have lived in a non-nursing unit of the continuing care retirement community for a period of at least 30 days.

- 3. The nursing facility transferring the beds ("the transferring facility") must be a CCRC affiliated through ownership, governance or leasehold with the same not-for-profit organization as the receiving facility.
- 4. The transferred beds shall not have been originally approved through the certificate of need process on or after January 1, 1976 and shall have been eligible prior to January 1, 1976 to be certified for Medicaid.
- 5. No more than five beds may be transferred to any single nursing facility pursuant to this policy during any consecutive three-year period.
- 6. Certificate of need applicants proposing to relocate licensed nursing facility beds under this policy shall demonstrate that the proposal will not result in a deficit in the number of licensed nursing facility beds in the county that would be losing nursing facility beds as a result of the proposed project, as reflected in the North Carolina State Medical Facilities Plan in effect at the time the certificate of need review begins.
- 7. Nursing facility beds relocated under this policy shall be counted in the planning inventory of the receiving county.

POLICY NH-8: INNOVATIONS IN NURSING FACILITY DESIGN

Certificate of need applicants proposing new nursing facilities, replacement nursing facilities, and projects associated with the expansion and/or renovation of existing nursing facilities shall pursue innovative approaches in care practices, work place practices and environmental design that address quality of care and quality of life needs of the residents. These plans could include innovative design elements that encourage less institutional, more home-like settings, privacy, autonomy and resident choice, among others.

POLICIES APPLICABLE TO ADULT CARE HOMES

POLICY LTC-1: PLAN EXEMPTION FOR CONTINUING CARE RETIREMENT COMMUNITIES – Adult Care Home Beds

Qualified continuing care retirement communities may include from the outset, or add or convert bed capacity for adult care without regard to the adult care home bed need shown in Chapter 11: Adult Care Homes. To qualify for such exemption, applications for certificates of need shall show that the proposed adult care home bed capacity:

1. Will only be developed concurrently with, or subsequent to, construction on the same site of independent living accommodations (apartments and homes) for people who are able to carry out normal activities of daily

living without assistance; such accommodations may be in the form of apartments, flats, houses, cottages, and rooms.

- 2. Will provide for the provision of nursing services, medical services, or other health related services as required for licensure by the North Carolina Department of Insurance.
- 3. Will be used exclusively to meet the needs of people with whom the facility has continuing care contracts (in compliance with the North Carolina Department of Insurance statutes and rules) who have lived in a non-nursing or adult care unit of the continuing care retirement community for a period of at least 30 days. Exceptions shall be allowed when one spouse or sibling is admitted to the adult care home unit at the time the other spouse or sibling moves into a non-nursing or adult care unit, or when the medical condition requiring nursing or adult care home care was not known to exist or be imminent when the individual became a party to the continuing care contract.
- 4. Reflects the number of adult care home beds required to meet the current or projected needs of residents with whom the facility has an agreement to provide continuing care, after making use of all feasible alternatives to institutional adult care home care.
- 5. Will not participate in the Medicaid program or serve State-County Special Assistance recipients.

One half of the adult care home beds developed under this exemption shall be excluded from the inventory used to project adult care home bed need for the general population. Certificates of need issued under policies analogous to this policy in the North Carolina State Medical Facilities Plans subsequent to the North Carolina 2002 State Medical Facilities Plan are automatically amended to conform with the provisions of this policy at the effective date of this policy.

POLICY LTC-2: RELOCATION OF ADULT CARE HOME BEDS

Relocations of existing licensed adult care home beds are allowed only within the host county and to contiguous counties currently served by the facility. Certificate of need applicants proposing to relocate licensed adult care home beds to contiguous counties shall:

- 1. Demonstrate that the proposal shall not result in a deficit in the number of licensed adult care home beds in the county that would be losing adult care home beds as a result of the proposed project, as reflected in the North Carolina State Medical Facilities Plan in effect at the time the certificate of need review begins, and
- 2. Demonstrate that the proposal shall not result in a surplus of licensed adult care home beds in the county that would gain adult care home beds as a result of the proposed project, as reflected in the North Carolina State

POLICIES APPLICABLE TO HOME HEALTH SERVICES (HH)

POLICY HH-3: NEED DETERMINATION FOR MEDICARE-CERTIFIED HOME AGENCY IN A COUNTY

When a county has no Medicare-certified home health agency office physically located within the county's borders, and the county has a population of more than 20,000 people; or, if the county has a population of less than 20,000 people and there is not an existing Medicare-certified home health agency office located in a North Carolina county within 20 miles, need for a new Medicare-certified home health agency office in the county is thereby established through this policy. The "need determination" shall be reflected in the *next* annual North Carolina State Medical Facilities Plan that is published following determination that a county meets the criteria indicated above. (Population is based on population estimates/projections from the North Carolina Office of State Budget and Management for the plan year in which the need determination would be made excluding active duty military for any county with more than 500 active duty military personnel. The measurement of 20 miles will be in a straight line from the closest point on the county line of the county in which an existing agency office is located to the county seat of the county in which there is no agency.)

POLICIES RELATED TO END-STAGE RENAL DISEASE DIALYSIS SERVICES (ESRD)

POLICY ESRD-2: RELOCATION OF DIALYSIS STATIONS

Relocations of existing dialysis stations are allowed only within the host county and to contiguous counties currently served by the facility. Certificate of need applicants proposing to relocate dialysis stations to contiguous counties shall:

- 1. demonstrate that the proposal shall not result in a deficit in the number of Dialysis stations in the county that would be losing stations as a result of the proposed project, as reflected in the most recent North Carolina Semiannual Dialysis Report, and
- 2. demonstrate that the proposal shall not result in a surplus of dialysis stations in the county that would gain stations as a result of the proposed project, as reflected in the most recent North Carolina Semiannual Dialysis Report.

GENERAL POLICY APPLICABLE TO ALL MENTAL HEALTH, DEVELOPMENTAL DISABILITIES AND SUBSTANCE ABUSE FACILITIES (MH)

POLICY MH-1: LINKAGES BETWEEN TREATMENT SETTINGS

An applicant for a certificate of need for psychiatric, substance abuse, or Intermediate Care Facilities for the Mentally Retarded beds shall document that the affected local management entity has been contacted and invited to comment on the proposed services.

POLICIES APPLICABLE TO PSYCHIATRIC INPATIENT SERVICES FACILITIES (PSY)

POLICY PSY-1: TRANSFER OF BEDS FROM STATE PSYCHIATRIC HOSPITALS TO COMMUNITY FACILITIES

Beds in the state psychiatric hospitals used to serve short-term psychiatric patients may be relocated to community facilities through the certificate of need process. However, before beds are transferred out of the state psychiatric hospitals, services and programs shall be available in the community. State psychiatric hospital beds that are relocated to community facilities shall be closed within 90 days following the date the transferred beds become operational in the community.

Facilities proposing to operate transferred beds shall submit an application to the Certificate of Need Section of the North Carolina Department of Health and Human Services and commit to serve the type of short-term patients normally placed at the state psychiatric hospitals. To help ensure that relocated beds will serve those people who would have been served by the state psychiatric hospitals, a proposal to transfer beds from a state hospital shall include a written memorandum of agreement between the local management entity serving the county where the beds are to be located, the secretary of the North Carolina Department of Health and Human Services, and the person submitting the proposal.

POLICIES APPLICABLE TO INTERMEDIATE CARE FACILITIES FOR THE MENTALLY RETARDED (ICF/MR)

POLICY ICF/MR-1: TRANSFER OF ICF/MR BEDS FROM STATE OPERATED DEVELOPMENTAL CENTERS TO COMMUNITY FACILITIES FOR MEDICALLY FRAGILE CHILDREN

Intermediate Care Facilities for the Mentally Retarded (ICF/MR) beds in state operated developmental centers may be relocated to community facilities through the certificate of need process for the establishment of community ICF/MR facilities to serve children ages birth through six years who have severe to profound developmental disabilities and are medically fragile. This policy allows for the relocation or transfer of beds only and does not provide for transfer of residents with the beds. State operated developmental center ICF/MR beds that are relocated to community facilities shall be closed upon licensure of the transferred beds.

Facilities proposing to operate transferred beds shall submit an application to the Certificate of Need Section demonstrating a commitment to serve children ages birth through six years who have severe to profound developmental disabilities and are medically fragile. To help ensure the relocated beds will serve these residents such proposal shall include a written agreement with the following representatives: director of the local management entity serving the county where the group home is to be located; the director of the applicable state operated developmental center; the director of the North Carolina Division of State Operated Healthcare Facilities; the secretary of the North Carolina Department of Health and Human Services and the operator of the group home.

POLICY ICF/MR-2: TRANSFER OF ICF/MR BEDS FROM STATE OPERATED DEVELOPMENTAL CENTERS TO COMMUNITY FACILITIES FOR INDIVIDUALS WHO CURRENTLY OCCUPY THE BEDS

Existing certified Intermediate Care Facilities for the Mentally Retarded (ICF/MR) beds in state operated developmental centers may be transferred through the certificate of need process to establish ICF/MR group homes in the community to serve people with complex behavioral challenges and/or medical conditions for whom a community ICF/MR placement is appropriate, as determined by the individual's treatment team and with the individual/guardian being in favor of the placement. This policy requires the transfer of the individuals who currently occupy the ICF/MR beds in the developmental center to the community facility when the beds are transferred. The beds in the state operated developmental center shall be closed upon certification of the transferred ICF/MR beds in the community facility. proposing to develop transferred ICF/MR beds, as those beds are described in this policy, shall submit an application to the Certificate of Need Section that demonstrates their clinical experience in treating individuals with complex behavioral challenges or medical conditions in a residential ICF/MR setting. To ensure the transferred beds will be used to serve these individuals, a written agreement between the following parties shall be obtained prior to development of the group home: director of the local management entity serving the county where the group home is to be located, the director of the applicable developmental center, the director of the North Carolina Division of State Operated Healthcare Facilities, the secretary of the North Carolina Department of Health and Human Services and the operator of the group home.

POLICIES APPLICABLE TO ALL HEALTH SERVICES (GEN)

The policy statements below apply to all health services including acute care (hospitals, ambulatory surgical facilities, operating rooms, rehabilitation facilities, and technology); long-term care (nursing homes, adult care homes, Medicare-certified home health agencies, end-stage renal disease services and hospice services); mental health (psychiatric facilities, substance abuse facilities, and ICF/MR) and services and equipment including bone marrow transplantation services, burn intensive care services, neonatal intensive care services, open heart surgery services, solid organ transplantation services, cardiac catheterization equipment, heartlung bypass machines, gamma knives, linear accelerators, lithotriptors, magnetic resonance

imaging scanners, positron emission tomography scanners, simulators, major medical equipment as defined in G.S. 131E-176(14f), and diagnostic centers as defined in G.S. 131E-176(7a).

POLICY GEN-1: REALLOCATIONS

- 1. Reallocations shall be made only to the extent that the methodologies used in this Plan to make need determinations indicate that need exists after the inventories are revised and the need determinations are recalculated.
- 2. Beds or services which are reallocated once in accordance with this policy shall not be reallocated again. Rather, the Medical Facilities Planning Section shall make any necessary changes in the next annual North Carolina State Medical Facilities Plan.
- 3. Dialysis stations that are withdrawn, relinquished, not applied for, decertified, denied, appealed, or pending the expiration of the 30-day appeal period shall not be reallocated. Instead, any necessary redetermination of need shall be made in the next scheduled publication of the North Carolina Semiannual Dialysis Report.
- 4. Appeals of Certificate of Need Decisions on Applications
 Need determinations of beds or services for which the Certificate of Need
 Section decision to approve or deny the application has been appealed
 shall not be reallocated until the appeal is resolved.
 - a. Appeals resolved prior to August 17: If such an appeal is resolved in the calendar year prior to August 17, the beds or services shall not be reallocated by the Certificate of Need Section; rather the Medical Facilities Planning Section shall make the necessary changes in the next annual North Carolina State Medical Facilities Plan except for dialysis stations which shall be processed pursuant to Item 3.
 - b. Appeals resolved on or after August 17:

 If such an appeal is resolved on or after August 17 in the calendar year, the beds or services, except for dialysis stations, shall be made available for a review period to be determined by the Certificate of Need Section, but beginning no earlier than 60 days from the date that the appeal is resolved. Notice shall be mailed by the Certificate of Need Section to all people on the mailing list for the North Carolina State Medical Facilities Plan, no less than 45 days prior to the due date for receipt of new applications.
- 5. Withdrawals and Relinquishments
 Except for dialysis stations, a need determination for which a certificate of need is issued, but is subsequently withdrawn or relinquished, is available for a review period to be determined by the Certificate of Need Section, but beginning no earlier than 60 days from:

- a. the last date on which an appeal of the notice of intent to withdraw the certificate could be filed if no appeal is filed,
- b. the date on which an appeal of the withdrawal is finally resolved against the holder, or
- c. the date that the Certificate of Need Section receives from the holder of the certificate of need notice that the certificate has been voluntarily relinquished.

Notice of the scheduled review period for the reallocated services or beds shall be mailed by the Certificate of Need Section to all people on the mailing list for the North Carolina State Medical Facilities Plan, no less than 45 days prior to the due date for submittal of the new applications.

- 6. Need Determinations for which No Applications are Received
 - a. Services or beds with scheduled review in the calendar year on or before September 1: The Certificate of Need Section shall not reallocate the services or beds in this category for which no applications were received, because the Medical Facilities Planning Section will have sufficient time to make any necessary changes in the determinations of need for these services or beds in the next annual North Carolina State Medical Facilities Plan, except for dialysis stations.
 - b. Services or beds with scheduled review in the calendar year after September 1: Except for dialysis stations, a need determination in this category for which no application has been received by the last due date for submittal of applications shall be available to be applied for in the second Category I review period in the next calendar year for the applicable Health Service Area. Notice of the scheduled review period for the reallocated beds or services shall be mailed by the Certificate of Need Section to all people on the mailing list for the North Carolina State Medical Facilities Plan, no less than 45 days prior to the due date for submittal of new applications.
- 7. Need Determinations not Awarded because Application Disapproved
 - a. Disapproval in the calendar year prior to August 17: Need determinations or portions of such need for which applications were submitted but disapproved by the Certificate of Need Section before August 17, shall not be reallocated by the Certificate of Need Section. Instead the Medical Facilities Planning Section shall make the necessary changes in the next

annual North Carolina State Medical Facilities Plan if no appeal is filed, except for dialysis stations.

- b. Disapproval in the calendar year on or after August 17:

 Need determinations or portions of such need for which applications were submitted but disapproved by the Certificate of Need Section on or after August 17, shall be reallocated by the Certificate of Need Section, except for dialysis stations. A need in this category shall be available for a review period to be determined by the Certificate of Need Section but beginning no earlier than 95 days from the date the application was disapproved, if no appeal is filed. Notice of the scheduled review period for the reallocation shall be mailed by the Certificate of Need Section to all people on the mailing list for the North Carolina State Medical Facilities Plan no less than 80 days prior to the due date for submittal of the new applications.
- 8. Reallocation of Decertified Intermediate Care Facilities for the Mentally Retarded (ICF/MR) Beds

If an ICF/MR facility's Medicaid certification is relinquished or revoked, the ICF/MR beds in the facility may be reallocated by the North Carolina Department of Health and Human Services, Division of Health Service Regulation, Medical Facilities Planning Section after consideration of recommendations from the North Carolina Division of Mental Health, Developmental Disabilities, and Substance Abuse Services. The North Carolina Department of Health and Human Services, Division of Health Service Regulation, Certificate of Need Section shall schedule reviews of applications for any reallocated beds pursuant to Section (5) of this policy.

POLICY GEN-2: CHANGES IN NEED DETERMINATIONS

- 1. The need determinations adopted in this document or in the Dialysis Reports shall be revised continuously throughout the calendar year to reflect all changes in the inventories of:
 - a. the health services listed at G.S. 131E-176 (16)f;
 - b. health service facilities;
 - c. health service facility beds;
 - d. dialysis stations;
 - e. the equipment listed at G.S. 131E-176 (16)f1;
 - f. mobile medical equipment; and
 - g. operating rooms as defined in Chapter 6;

as those changes are reported to the Medical Facilities Planning Section. However, need determinations in this document shall not be reduced if the relevant inventory is adjusted upward 60 days or less prior to the applicable "Certificate of Need Application Due Date."

- 2. Inventories shall be updated to reflect:
 - a. decertification of Medicare-certified home health agencies or offices, ICF/MR and dialysis stations;
 - b. delicensure of health service facilities and health service facility beds;
 - c. demolition, destruction, or decommissioning of equipment as listed at G.S. 131E-176(16)f1 and s;
 - d. elimination or reduction of a health service as listed at G.S. 131E-176(16)f;
 - e. addition or reduction in operating rooms as defined in Chapter 6;
 - f. psychiatric beds licensed pursuant to G.S. 131E-184(c);
 - g. certificates of need awarded, relinquished, or withdrawn, subsequent to the preparation of the inventories in the North Carolina State Medical Facilities Plan:
 - h. corrections of errors in the inventory as reported to the Medical Facilities Planning Section.
- 3. Any person who is interested in applying for a new institutional health service for which a need determination is made in this document may obtain information about updated inventories and need determinations from the Medical Facilities Planning Section.
- 4. Need determinations resulting from changes in inventory shall be available for a review period to be determined by the Certificate of Need Section, but beginning no earlier than 60 days from the date of the action identified in Subsection (2), except for dialysis stations which shall be determined by the Medical Facilities Planning Section and published in the next North Carolina Semiannual Dialysis Report. Notice of the scheduled review period for the need determination shall be mailed by the Certificate of Need Section to all people on the mailing list for the North Carolina State Medical Facilities Plan no less than 45 days prior to the due date for submittal of the new applications.

POLICY GEN-3: BASIC PRINCIPLES

A certificate of need applicant applying to develop or offer a new institutional health service for which there is a need determination in the North Carolina State Medical Facilities Plan shall demonstrate how the project will promote safety and quality in the delivery of health care services while promoting equitable access and maximizing healthcare value for resources expended. A certificate of need applicant shall document its plans for providing access to services for patients with limited financial resources and demonstrate the availability of capacity to provide these services. A certificate of need applicant shall also document how its projected volumes incorporate these concepts in meeting the need identified in the State Medical Facilities Plan as well as addressing the needs of all residents in the proposed service area.

POLICY GEN-4: ENERGY EFFICIENCY AND SUSTAINABILITY FOR HEALTH SERVICE FACILITIES

Any person proposing a capital expenditure greater than \$2 million to develop, replace, renovate or add to a health service facility pursuant to G.S. 131E-178 shall include in its certificate of need application a written statement describing the project's plan to assure improved energy efficiency and water conservation.

In approving a certificate of need proposing an expenditure greater than \$5 million to develop, replace, renovate or add to a health service facility pursuant to G.S. 131E-178, the Certificate of Need Section shall impose a condition requiring the applicant to develop and implement an Energy Efficiency and Sustainability Plan for the project that conforms to or exceeds energy efficiency and water conservation standards incorporated in the latest editions of the North Carolina State Building Codes. The plan must be consistent with the applicant's representation in the written statement as described in paragraph one of Policy GEN-4.

Any person awarded a certificate of need for a project or an exemption from review pursuant to G.S. 131E-184 are required to submit a plan for energy efficiency and water conservation that conforms to the rules, codes and standards implemented by the Construction Section of the Division of Health Service Regulation. The plan must be consistent with the applicant's representation in the written statement as described in paragraph one of Policy GEN-4. The plan shall not adversely affect patient or resident health, safety or infection control.

Chapter 5: Acute Care Hospital Beds

CHAPTER 5 ACUTE CARE HOSPITAL BEDS

Summary of Bed Supply and Utilization

As of fall 2010, there are 114 licensed acute care hospitals and 20,647 licensed acute care beds in North Carolina. Data provided by Thomson Reuters indicated that 4,452,438 days of care were provided to patients in those hospitals during 2009, which represents an average annual occupancy rate of 59.08 percent. These numbers exclude beds in service for substance abuse, psychiatry, rehabilitation, hospice, and long-term care. In addition, across the state acute care bed capacity is expected to increase in certain markets by 619 pending beds and to decrease in other markets by 323 beds, for a net increase of 296 beds.

It is important to note that not all licensed beds were in service throughout the year. Some beds were permanently idled, while others were temporarily taken out of service due to staff shortages or to accommodate renovation projects.

Changes from the Previous Plan

Substantive changes to the Acute Care Bed Need Methodology have been incorporated into the North Carolina 2011 State Medical Facilities Plan. The changes are summarized below:

1. The definition of Acute Care Bed Service Area was changed from the definition shown below:

"The Acute Care Bed Service Area is a single county, except where there is no hospital located within the county in which case the county or counties without a hospital are combined in a multicounty grouping with a county that has a hospital. Multicounty groupings are determined based on the county in which the hospital or hospitals that provide the largest number of inpatient days of care to the residents of the county which has no hospital, except as described in the following sentences. In response to a petition submitted to the State Health Coordinating Council, Hoke County was assigned to Moore and Cumberland counties for the North Carolina 2010 State Medical Facilities Plan. This created a Cumberland Hoke Multicounty Acute Care Bed Service Area, in addition to the existing Moore Hoke Multicounty Acute Care Bed Service Area. Data to determine patient's county of residence (based on the Thomson Reuters data) that is used to establish the multicounty groupings were provided by the Sheps Center. (Note: An acute care bed's service area is the acute care bed planning area in which the bed is located. The acute care bed planning areas are the single and multicounty groupings shown in Figure 5.1.)" (North Carolina 2010 State Medical Facilities Plan, pages 44-45)

The revised Acute Care Bed Service Area definition is shown in **Application of the Methodology, Step 1.**

2. Additionally, the Acute Care Bed Need Methodology assumptions used in Table 5A were changed. The previous assumptions and the revised assumptions are described in the table below:

Includes acute care days only. Excludes psychiatric, substance abuse and rehabilitation days. Includes outliers and non-N.C. resident days.
Excludes psychiatric, substance abuse and rehabilitation days. Includes outliers and non-N.C. resident days.
abuse and rehabilitation days. Includes outliers and non-N.C. resident days.
f- Includes outliers and non-N.C. resident days.
resident days.
ric,
ric,
1
hree Uses five years of data and four
years of trend.
Four
wth Uses a county-specific growth
rate without aggregating
counties with small hospitals.
4
66.7%
71.4%
75.2%
78.0%

The revised Acute Care Bed Need assumptions from the above table were incorporated into Table 5A of the North Carolina 2011 State Medical Facilities Plan.

The inventory has been updated and references to dates have been advanced by one year as appropriate.

Basic Principles

A. Acute Care Hospital Goals

1. To facilitate continuing improvement in the state's acute care services. Advances in medical practice frequently entail the development of new services, new facilities or both. The policy of the state is to encourage their development when cost effective and essential to assure reasonable accessibility to services.

- 2. To expand the availability of appropriate, adequate acute care service to the people of North Carolina. Our improving highways and transportation systems have brought acute care services within reasonable geographic reach of all North Carolinians, but not within financial reach. Despite the expansion of the state's Medicaid Program, in 2004 17.5 percent of North Carolinians under the age of 65 were uninsured for a full year, according to a study by the Cecil G. Sheps Center for Health Services Research, at the University of North Carolina at Chapel Hill.
- 3. To protect the resource that the state's acute care hospitals represent. The acute care hospitals are the providers of essential health care services, the state's third largest employer, the largest single investment of public funds in many communities, magnets for physicians deciding where to practice, and building blocks in the economic development of their communities. North Carolina must safeguard the future of its hospitals.

Even so, it is not the state's policy to guarantee the survival and continued operation of all the state's hospitals, or even any one of them. In a dynamic, fast-changing environment, which is moving away from inpatient hospital services, the survival and future activities of hospitals will be a function of many factors beyond the realm of state policy.

The state can, however, facilitate the survival of its hospitals and promote the development of needed health care services, acute and non-acute, by encouraging hospitals to convert unused acute care inpatient facilities to new purposes, to collaborate with other health care providers, and to develop health care delivery networks.

- 4. To encourage the substitution of less expensive for more expensive services whenever feasible and appropriate. The state supports continued and expanded use of programs which have demonstrated their capacity to reduce both the number and length of hospital admissions, including:
 - a. Development of health care delivery networks;
 - b. Increased use of ambulatory surgery;
 - c. Outpatient diagnostic studies;
 - d. Preadmission testing;
 - e. Preadmission certification;
 - f. Programs to reduce admission and readmission rates;
 - g. Timely scheduling of admissions;
 - h. Effective utilization review;
 - i. Discharge planning;
 - j. Appropriate use of alternative services such as home health services, hospice, adult care homes, nursing homes; and
 - k. Initiating new, or maximizing existing, preventive health services.

- 5. To assure that substantial capital expenditures for the construction or renovation of health care facilities are based on demonstrated need.
- 6. To assure that applicants proposing to expand or replace acute care beds should provide careful analysis of what they have done to promote cost-effective alternatives to inpatient care and to reduce average length of stay.

B. Use of Swing Beds

The North Carolina Department of Health and Human Services supports the use of "swing beds" in providing long-term nursing care services in rural acute care hospitals.

Section 1883 of the Social Security Act provides that certain small rural hospitals may use their inpatient facilities to furnish skilled nursing facility (SNF) services to Medicare and Medicaid beneficiaries and intermediate care facility (ICF) services to Medicaid beneficiaries.

Hospitals wishing to receive swing bed certification for Medicare patients must meet the eligibility criteria outlined in the law which include:

- 1. Have a certificate of need, or a letter from the Certificate of Need Section indicating that no certificate of need review is required to provide "swing bed" services; and
- 2. Have a current valid Medicare provider agreement; and
- 3. Be located in an area of the state not designated as "urbanized" by the most recent official census; and
- 4. Have fewer than 100 hospital beds, excluding beds for newborns and beds in intensive type inpatient units; and
- 5. Not have in effect a 24-hour nursing waiver granted under 42 CFR 488.54(c); and
- 6. Not have had a swing bed approval terminated within the two years previous to application; and
- 7. Meet the Swing Bed Conditions of Participation (see 42 CFR 482.66) on Resident Rights; Admission, Transfer, and Discharge Rights; Resident Behavior and Facility Practices; Patient Activities; Social Services; Discharge Planning; Specialized Rehabilitative Services; and Dental Services.

A certificate of need is not required if capital expenditures associated with the swing bed service do not exceed \$2 million, and there is no change in bed capacity.

Sources of Data

Inventory of Acute Care Beds:

The inventory of hospital facilities is maintained through the hospitals' response to a state law that requires each facility to notify the North Carolina Department of Health and Human Services and receive appropriate approvals before construction, alterations or additions to existing buildings or any changes in bed capacities. Bed counts are revised in the state's inventory as changes are reported and approved.

Days of Care and Patient Origin Data for the Bed Need Methodology:

The data source for annual days of care used in the methodology is Thomson Reuters, a collector of hospital patient discharge information. The general acute care days of care by facility and data on patients' county of residence were provided by the Sheps Center based on the Thomson Reuters data. (Note: The determination of whether a patient record was categorized as an "acute care/general discharge" was determined by the revenue code(s) for accommodation type, as submitted to Thomson Reuters by facilities on the UB-92 form. Included in Column F, "Thomson 2009 Acute Care Days" are records with revenue codes signifying an acute care/general accommodation type. Likewise, any records that are coded as substance abuse, psychiatric, or rehabilitation discharges are excluded from these figures.)

Basic Assumptions of the Methodology

 Target occupancies of hospitals should encourage efficiency of operation, and vary with average daily census:

	Target Occupancy of
Average Daily Census	Licensed Acute Care Beds
ADC 1-99	66.7%
ADC 100-200	71.4%
ADC>200 and <=400	75.2%
ADC>400:	78.0%

- In determining utilization rates and average daily census, only acute care bed "days of care" are counted.
- If a hospital has received approval to increase or decrease acute care bed capacity, this change is incorporated into the anticipated bed capacity regardless of the licensure status of the beds.

Application of the Methodology Step 1

Counties that have at least one licensed acute care hospital are Single County Acute Care Bed Service Areas unless the county is grouped with a county lacking a licensed acute care hospital. When a county that has at least one licensed acute care hospital is grouped with a county lacking a licensed acute care hospital, a Multicounty Acute Care Bed Service Area is created.

All counties lacking a licensed acute care hospital are grouped with either one or two counties that each have at least one licensed acute care hospital. A Multicounty Acute Care Bed Service Area may consist of multiple counties lacking a licensed acute care hospital that are grouped with either one or two counties that each have at least one licensed acute care hospital.

The three most recent years of available acute care days patient origin data are combined and used to create the Multicounty Acute Care Bed Service Areas. These data are updated and reviewed every three years. The Multicounty Acute Care Bed Service Areas are then updated, as indicated by the data. The first update occurred in the North Carolina 2011 State Medical Facilities Plan. The following decision rules are used to determine multicounty acute care bed service area groupings.

- 1. Counties lacking a licensed acute care hospital are grouped with the single county where the largest proportion of patients received inpatient acute care services, as measured by acute inpatient days, unless;
 - a. Two counties with licensed acute care hospitals each provided inpatient acute care services to at least 35 percent of the residents who received inpatient acute care services, as measured by acute inpatient days.
- 2. If 1 a. is true, then the county lacking a licensed acute care hospital is grouped with both the counties which provided inpatient acute care services to at least 35 percent of the residents who received inpatient acute care services, as measured by acute inpatient days.

A county lacking a licensed acute care hospital becomes a Single County Acute Care Bed Service Area upon licensure of an acute care hospital in that county. If a certificate of need is issued for development of an acute care hospital in a county lacking an acute care hospital, the acute care beds for which the certificate of need has been issued will be included in the inventory of beds in that county's multicounty acute care bed service area until those beds are licensed.

An acute care bed's service area is the acute care bed planning area in which the bed is located. The acute care bed planning areas are the single and multicounty groupings shown in Figure 5.1.

Step 2 (Columns D and E)

Determine the number of acute care beds in the inventory by totaling: (Column D)

a. the number of licensed acute care beds at each hospital;

(Column E)

- b. the number of acute care beds for which certificates of need have been issued, but for which changes in the license have not yet been made (i.e., additions, reductions, and relocations); and
- c. the number of acute care beds for which a need determination in the North Carolina State Medical Facilities Plan is pending review or appeal.

Step 3 (Column F)

Determine the total number of acute inpatient days of care provided by each hospital based on the data contained in the above referenced report for Federal Fiscal Year 2009. (*Please see note in "Sources of Data" regarding identification of general acute days of care.*)

Step 4 (Columns G and H)

Calculate the projected inpatient days of care in Federal Fiscal Year 2013 as follows:

- a. For each county, determine the total annual number of acute inpatient days of care provided in North Carolina acute care hospitals during each of the last five federal fiscal years based on data provided by the Sheps Center.
- b. For each county, calculate the difference in the number of acute inpatient days of care provided from year to year.
- c. For each county, for each of the last four years, determine the percentage change from the previous year by dividing the calculated difference in acute inpatient days by the total number of acute inpatient days provided during the previous year. (*Example:* (YR 2009 YR 2008) / YR 2009; etc.)

(Column G)

- d. For each county, total the annual percentages of change and divide by four to determine the average annual historical percentage change for each county. For positive annual percentages of change, add 1 and this becomes the County Growth Rate Multiplier. For negative annual percentages of change, subtract 1. If the County Growth Rate Multiplier is negative, Thomson Reuters 2009 Acute Care Days are carried forward unchanged to Column H.
- e. For each county with a positive County Growth Rate Multiplier, calculate the compounded growth factor projected for the next four years by using the average annual historical percentage change (from d. above) in the first year and compounding the change each year thereafter at the same rate.

(Column H)

f. For each hospital, multiply the acute inpatient days of care from Column F by the compounded county growth factor to project the number of acute

inpatient days of care to be provided in Federal Fiscal Year 2013 at each hospital.

Step 5 (Column I)

Calculate the projected midnight average daily census for each hospital in Federal Fiscal Year 2013, by dividing the projected number of acute inpatient days of care provided at the hospital (from Column H) by 365 days.

Step 6 (Column J)

Multiply each hospital's projected midnight average daily census from Step 5 (Column I) by the appropriate target occupancy factor below:

Average Daily Census	Occupancy Factor
Average Daily Census less than 100	1.50
Average Daily Census 100-200	1.40
Average Daily Census greater than 200 and <=400	1.33
Average Daily Census greater than 400	1.28

Step 7 (Column K)

Determine the surplus or deficit of beds for each hospital by subtracting the inventory of beds in Step 2 (Column D plus Column E) from the number of beds generated in Step 6 (Column J). (Note: Deficits will appear as positive numbers; surpluses, as negative numbers.)

Step 8 (Column L)

The number of acute care beds needed in a service area is determined as follows:

- a. If two or more hospitals in the same service area are under common ownership, total the surpluses and deficits of beds for those hospitals to determine the surplus or deficit of beds for each owner of multiple hospitals in the service area.
- b. When the deficit of total acute care beds in the service area for an owner, regardless of number of hospitals owned, equals or exceeds 20 beds or 10 percent of the inventory of acute care beds for that owner, the deficits of all owners in the service area will be summed to determine the number of acute care beds needed in the service area.

Qualified Applicants

Any qualified applicant may apply for a certificate of need to acquire the needed acute care beds. A person is a qualified applicant if he or she proposes to operate the additional acute care beds in a hospital that will provide:

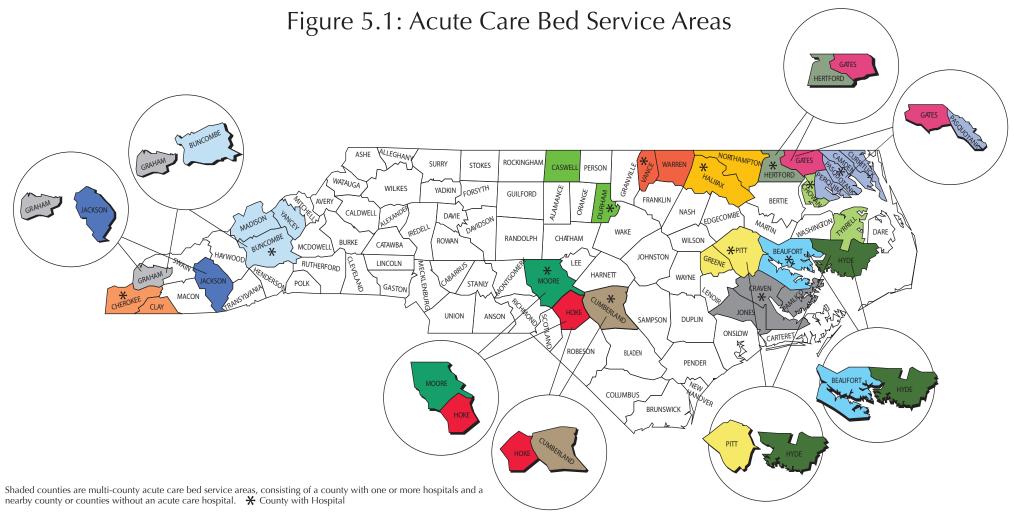
- 1. a 24-hour emergency services department,
- 2. inpatient medical services to both surgical and non-surgical patients, and

- 3. if proposing a new licensed hospital, medical and surgical services on a daily basis within at least five of the major diagnostic categories as recognized by the Centers for Medicare and Medicaid Services (CMS), as follows:
 - MDC 1: Diseases and disorders of the nervous system Diseases and disorders of the eye MDC 2: MDC 3: Diseases and disorders of the ear, nose, mouth and throat Diseases and disorders of the respiratory system MDC 4: Diseases and disorders of the circulatory system MDC 5: MDC 6: Diseases and disorders of the digestive system Diseases and disorders of the hepatobiliary system and MDC 7: pancreas MDC 8: Diseases and disorders of the musculoskeletal system and
 - connective tissue

 MDC 9: Diseases and disorders of the skin, subcutaneous tissue and
 - breast

 MDC 10: Diseases and disorders of the skin, subcutaneous tissue and breast

 Endocrine, nutritional and metabolic diseases and disorders
 - MDC 11: Diseases and disorders of the kidney and urinary tract
 MDC 12: Diseases and disorders of the male reproductive system
 MDC 13: Diseases and disorders of the female reproductive system
 - MDC 14: Pregnancy, childbirth and the puerperium
 - MDC 15: Newborns/other neonates with conditions originating in the perinatal period
 - MDC 16: Diseases and disorders of the blood and blood-forming organs and immunological disorders
 - MDC 17: Myeloproliferative diseases and disorders and poorly differentiated neoplasms
 - MDC 18: Infectious and parasitic diseases MDC 19: Mental diseases and disorders
 - MDC 20: Alcohol/drug use and alcohol/drug-induced organic mental disorders
 - MDC 21: Injury, poisoning and toxic effects of drugs
 - MDC 22: Burns
 - MDC 23: Factors influencing health status and other contacts with health services
 - MDC 24: Multiple significant trauma
 - MDC 25: Human immunodeficiency virus infections



Hospital	Multi-County Service Area	Color Code
Duke University Hospital, Durham Regional Hospital, North Carolina Specialty Hospital	Durham, Caswell	
Murphy Medical Center	Cherokee, Clay	
Mission Hospitals	Buncombe, Graham, Madison, Yancey	
Harris Regional Hospital	Jackson, Graham	
First Health Moore Regional	Moore, Hoke	
Cape Fear Valley Medical Center	Cumberland, Hoke	
Maria Parham Hospital	Vance, Warren	
Our Community Hospital and Halifax Regional Medical Center	Halifax, Northampton	
Pitt County Memorial Hospital	Pitt, Greene, Hyde	
Craven Regional Medical Center	Craven, Jones, Pamlico	
Pungo District Hospital and Beaufort County Hospital	Beaufort, Hyde	
Roanoke-Chowan Hospital	Hertford, Gates	
Chowan Hospital	Chowan, Tyrrell	
Albemarle Hospital	Pasquotank, Camden, Currituck, Gates, Perquimans	

Counties with one hospital shown first, followed by counties with more than one hospital.

2009 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research.

Target Occupancy Rates: ADC 1-99: 66.7% ADC 100-200: 71.4% ADC>200 and <=400: 75.2%, ADC>400: 78%

Target Occupancy Factors: ADC 1-99: 1.50 ADC 100-200: 1.40 ADC>200 and <=400: 1.33 ADC>400: 1.28

Α	В	C	D	E	F	G	Н	1	J	K	L
	_			_	-		4 Years	-			
							Growth				
							Using County				
					Thomson	County	Growth Rate		2013 Beds		
			Licensed	Adjustments	Reuters	Growth		2013 Projected	Adjusted	Projected 2013	
License			Acute Care	for CONs/	2009 Acute	Rate	negative	Average Daily	for Target	Deficit or	2013 Need
Number	Facility Name	County	Beds	Previous Need		Multiplier	growth)	Census (ADC)	Occupancy	Surplus ("-")	Determination
ramoor	Alamance Regional Medical	County	Doub	T TOTTOUG TROOM	Gare Daye	manapho	growary	conouc (nize)	Cocupancy	ourpluo ()	Dotormination
H0272	Center	Alamance	182	0	42,620	1.0027	43,088	118	165	-17	0
H0274	Alexander Hospital	Alexander	25	0	,		0	0	0		0
H0108	Alleghany Memorial Hospital	Alleghany	41	0		-1.0816	2,316	6	10		0
H0082	Anson Community Hospital	Anson	52	0	,	-1.0966	,	11	17	-35	0
H0099	Ashe Memorial Hospital	Ashe	76	0	4,814	-1.0256	4,814	13	20		
	Charles A. Cannon, Jr.				,		,				
H0037	Memorial Hospital	Avery	30	0	6,101	-1.0816	6,101	17	25	-5	0
H0268	Bertie Memorial Hospital	Bertie	6	0	1,674	1.0760	2,244	6	9	3	3
	Cape Fear Valley - Bladen										
H0154	County Hospital	Bladen	48	0	3,082	-1.1060	3,082	8	13	-35	0
H0036	Mission Hospitals	Buncombe	673	9	191,139	1.0287	214,024	586	751	69	69
	2011 SMFP Buncombe										
	Madison Yancy Adjusted Need	Buncombe Madison	In response	to a petition, the r	need determina	ation for the B	uncombe Madiso	n Yancy service a	rea was adjus	ted to 51 from 69	
	Determination	Yancey	acute care b	eds.							51
	Carolinas Medical Center -										
H0031	NorthEast	Cabarrus	447	0	,	1.0288	,	311	414		0
H0061	Caldwell Memorial Hospital	Caldwell	110		18,446	1.0520	22,591	62	93		0
H0222	Carteret General Hospital	Carteret	135		- , -	-1.0321	25,847	71	106		
H0007	Chatham Hospital	Chatham	25	0	-,	1.0772	,	12	18	-7	0
	tham Hospital 2009 acute care da	/		- service area ne							
H0239	Murphy Medical Center	Cherokee	57	0	,			30	45		0
H0063	Chowan Hospital	Chowan	49	0	,	-1.0050		19	28		0
H0045	Columbus County Hospital	Columbus	154	0	,	-1.0406	,	61	91	-63	
H0201	CarolinaEast Medical Canter	Craven	307	0	68,398	-1.0300	68,398	187	262	-45	0
	Cape Fear Valley Medical										
H0213	Center	Cumberland	490		150,096	1.0315	,	466	596		
H0273	The Outer Banks Hospital	Dare	21	0	-, -		3,162	9	13		
H0171	Davie County Hospital	Davie	81	-31		-1.0243	831	2	3	-47	0
H0166	Duplin General Hospital	Duplin	56	0		-1.0651	8,463	23	35		0
H0258	Heritage Hospital	Edgecombe	101	0	14,399	1.0228	15,759	43	65	-36	0
l	Franklin Regional Medical]
H0261	Center	Franklin	70	0	6,130	-1.1457	6,130	17	25	-45	0

Projections based on 4 year average county specific Growth Rates compunded annually over the next four years. Acute Care Days Data from 2005, 2006, 2007, 2008, 2009 used to generate 4 year growth rate.

Counties with one hospital shown first, followed by counties with more than one hospital.

2009 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research.

Target Occupancy Rates: ADC 1-99: 66.7% ADC 100-200: 71.4% ADC>200 and <=400: 75.2%, ADC>400: 78%

Target Occupancy Factors: ADC 1-99: 1.50 ADC 100-200: 1.40 ADC>200 and <=400: 1.33 ADC>400: 1.28

Α	В	C	D	E	F	G	Н	1	J	K	L
							4 Years				
							Growth				
							Using County				
					Thomson	County	Growth Rate		2013 Beds		
			Licensed	Adjustments	Reuters	Growth	(=2009 Davs. if	2013 Projected	Adjusted	Projected 2013	
License			Acute Care	for CONs/	2009 Acute	Rate	negative	Average Daily	for Target	Deficit or	2013 Need
Number	Facility Name	County	Beds	Previous Need		Multiplier	growth)	Census (ADC)	Occupancy	Surplus ("-")	Determination
H0105	,	Gaston	372	0	,	-1.0390			288		0
H0098		Granville	62	0	7,963	1.0071	8,193		34	-28	0
	Haywood Regional Medical										
H0025	Center	Haywood	153	0	17,623	-1.0249	17,623	48	72	-81	0
H0001	Roanoke-Chowan Hospital	Hertford	86	0	14,058	-1.0503	14,058	39	58	-28	0
H0087	Harris Regional Hospital	Jackson	86	0	14,987	-1.0354	14,987		62		
H0151	Johnston Memorial Hospital	Johnston	157	22	34,709	-1.0120			143		
H0243	Central Carolina Hospital	Lee	127	0	20,832	1.0178	22,352	61	92		0
H0043	Lenoir Memorial Hospital	Lenoir	218	0	42,389	-1.0289	42,389	116	163	-55	0
	Carolinas Medical Center -										
H0225	Lincoln	Lincoln	101	0	15,881	1.0227	17,371	48	71	-30	0
H0078	Martin General Hospital	Martin	49	0	8,115	1.0156	8,634	24	35	-14	0
H0097	The McDowell Hospital	McDowell	65	0	5,745	-1.0903	5,745	16	24	-41	0
H0169		Mitchell	46	0	6,744	1.0038	6,847	19	28	-18	0
	FirstHealth Montgomery										
H0003		Montgomery	37	0	1,357	-1.1126	1,357	4	6	-31	0
	FirstHealth Moore Regional										
H0100		Moore	297	23	78,996	1.0124	82,977	227	302		0
H0228	Nash General Hospital	Nash	270	0	50,978	-1.0392	50,978	140	196	-74	0
	New Hanover Regional Medical										
H0221		New Hanover	647	0	148,223	-1.0117	148,223	406	520	-127	0
H0048		Onslow	162	0	30,250	-1.0053	30,250	83	124	-38	0
	University of North Carolina										
H0157		Orange	678	51	188,516	1.0249			729		0
H0054		Pasquotank	182	0	23,942	-1.0985			98		0
H0115		Pender	43	0	2,639	-1.1146	,		11	-32	0
H0066		Person	50	0	9,093	-1.0322	9,093		37		
H0104		Pitt	734	0	204,768	1.0217	223,117		782		
H0079		Polk	45	0	3,817	-1.0454					
H0013		Randolph	145	0	27,065	1.0343	30,979	85	127	-18	0
1	Southeastern Regional Medical										
H0064	Center	Robeson	292	0	57,851	-1.0399	57,851	158	222	-70	0
1	Rowan Regional Medical										
H0040	Center	Rowan	223	0	34,188	-1.0195	34,188	94	140	-83	0

Projections based on 4 year average county specific Growth Rates compunded annually over the next four years. Acute Care Days Data from 2005, 2006, 2007, 2008, 2009 used to generate 4 year growth rate.

Counties with one hospital shown first, followed by counties with more than one hospital.

2009 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research.

Target Occupancy Rates: ADC 1-99: 66.7% ADC 100-200: 71.4% ADC>200 and <=400: 75.2%, ADC>400: 78%

Target Occupancy Factors: ADC 1-99: 1.50 ADC 100-200: 1.40 ADC>200 and <=400: 1.33 ADC>400: 1.28

_		Cocapancy ractor	1		F			1 1.00 1.202	1.20	V	,
Α	В	С	D	E	F	G	H 4 Years	I	J	K	L
							Growth				
					- /	0	Using County		0040 D. I.		
				A. Postarouta	Thomson	County	Growth Rate	0040 Decision (2013 Beds	Des 15 - 45 - 1 0 0 4 0	
l			Licensed	Adjustments	Reuters	Growth	(=2009 Days, if	•		Projected 2013	
License			Acute Care	for CONs/	2009 Acute	Rate	negative	Average Daily	for Target	Deficit or	2013 Need
Number	Facility Name	County	Beds	Previous Need		Multiplier	growth)	Census (ADC)	Occupancy	Surplus ("-")	Determination
H0039	Rutherford Hospital	Rutherford	129	0	18,059	1.0007	18,110	50	74	-55	0
	Sampson Regional Medical	_									
H0067	Center	Sampson	116	0	11,160	-1.0881	11,160	31	46	-70	0
H0107	Scotland Memorial Hospital	Scotland	97	21	23,251	-1.0306	23,251	64	96	-22	0
H0008	Stanly Regional Medical Center	Stanly	97	0	13,600	-1.0740	13,600	37	56	-41	0
	Stokes-Reynolds Memorial	Clariny	0.		.0,000		10,000	0.			
H0165	Hospital	Stokes	53	0	732	-1.1784	732	2	3	-50	0
H0069	Swain County Hospital	Swain	48	0		-1.0348	1,550	4	6	-42	0
	Transylvania Community										
H0111	Hospital	Transylvania	42	0	5,646	-1.0098	5,646	15	23	-19	0
	Carolinas Medical Center -										
H0050	Union	Union	157	0	39,847	1.0658	51,419	141	197	15	0
	2010 SMFP Union County										
	Adjusted Need Determination	Union		25	0	1.0658	0		0		
		Union Total	157	25							0
H0267	Maria Parham Hospital	Vance	91	0	18,367	-1.0270	18,367	50	75	-16	0
H0006	Washington County Hospital	Washington	49	-37	1,855	-1.0801	1,855	5	8	-4	0
Note: Was	hington County Hospital 2009 ac	ute care days have no	t been verified	as correct - servi	ce area need	determination	not affected.				
H0257	Wayne Memorial Hospital	Wayne	255	0	58,855	-1.0056	58,855	161	226	-29	0
H0153	Wilkes Regional Medical Center	Wilkes	120	0		-1.0789	15,339	42	63	-57	0
H0210	Wilson Medical Center	Wilson	271	-73	33,422	-1.0079	33,422	92	137	-61	0
	Yadkin Valley Community										
	Hospital (prev. Hoots Memorial										
H0155	Hospital)	Yadkin	22	0	792	-1.0224	792	2	3	-19	0
Note: Yad	kin Valley Community Hospital 20	09 acute care days ha	ve not been ve	erified as correct	- service area	need determii	nation not affected	d.			

Counties with one hospital shown first, followed by counties with more than one hospital.

2009 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research.

Target Occupancy Factors: ADC 1-99: 4.50, ADC 100-200: 1.40, ADC 200 and <=400: 1.33, ADC 400: 1.28

	Target	Occupancy Factors	s: ADC 1-9	<u>9: 1.50 A</u> DC	<u> 100-200</u> : 1.	<u>.40 ADC>2</u>	<u>200 and <=</u> 400	: 1.33 ADC>4	00: 1.28		
Α	В	С	D	E	F	G	Н	1	J	K	L
							4 Years				
							Growth				
							Using County			ļ	
					Thomson	County	Growth Rate		2013 Beds	ļ	
			Licensed	Adjustments	Reuters	Growth	(=2009 Days, if	2013 Projected	Adjusted	Projected 2013	
License			Acute Care	for CONs/	2009 Acute	Rate	negative	Average Daily	for Target	Deficit or	2013 Need
Number	Facility Name	County	Beds	Previous Need	Care Days	Multiplier	growth)	Census (ADC)	Occupancy	Surplus ("-")	Determination
H0188	Beaufort County Hospital	Beaufort	120	0	10,282	-1.0949	10,282	28	42	-78	
	Pungo District Hospital										
H0002	Corporation	Beaufort	39	0	1,955	-1.0949	1,955	5	8	-31	
		Beaufort Total	159	0							0
H0250		Brunswick	60	14	11,305	-1.0133	11,305	31	46	-28	
	J. Arthur Dosher Memorial									ļ	
H0150	Hospital	Brunswick	36	0	4,363	-1.0133	4,363	12	18	-18	
		Brunswick Total	96	14							0
H0062	Grace Hospital	Burke	162	0		-1.0310			84		
H0091	Valdese General Hospital	Burke	131	0	10,436	-1.0310	10,436	29	43	-88	
		Burke Total	293	0							. 0
										ļ	
H0223	Catawba Valley Medical Center		200	0			,		150		
H0053	Frye Regional Medical Center	Catawba	209	0	46,820	-1.0173	46,820	128	180	-29	
		Catawba Total	409	0							0
	Cleveland Regional Medical									ļ	
H0024	Center	Cleveland	241	0	,	-1.0637	,		138		
H0113	Kings Mountain Hospital	Cleveland	72		, -	-1.0637	7,210	20	30	-42	
		Cleveland Total	313	0							0
H0027	Lexington Memorial Hospital	Davidson	94	0	,	-1.0673			44		
H0112	Thomasville Medical Center	Davidson	123	-10		-1.0673	10,452	29	43	-70	
		Davidson Total	217	-10							0
H0015	Duke University Hospital	Durham	924	0	,				899	-25	
	niversity Hospital has a CON for 1						when determining				
H0233	Durham Regional Hospital	Durham	316	0		1.0116		185	260	,	
		gional Hospital Totals	1,240	0	309,322		323,950	888	1,158	-82	
	North Carolina Specialty										
H0075	Hospital	Durham	18	0	3,574	1.0116	3,743	10	15	-3	
		Durham Total	1,258	0							0

Projections based on 4 year average county specific Growth Rates compunded annually over the next four years. Acute Care Days Data from 2005, 2006, 2007, 2008, 2009 used to generate 4 year growth rate.

Counties with one hospital shown first, followed by counties with more than one hospital.

2009 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research.

Target Occupancy Rates: ADC 1-99: 66.7% ADC 100-200: 71.4% ADC>200 and <=400: 75.2%, ADC>400: 78%

Target Occupancy Factors: ADC 1-99: 1.50 ADC 100-200: 1.40 ADC>200 and <=400: 1.33 ADC>400: 1.28

		Occupancy Factors	s: ADC 1-9	9: 1.50 ADC	<u> 100-200:</u> 1.	<u>40 ADC</u> >2	<u>200 and <=4</u> 00	: 1.33 ADC>4	00: 1.28		
Α	В	С	D	E	F	G	Н	1	J	K	L
·					1	_	4 Years		_		
1							Growth				
							Using County				
					Thomson	County	Growth Rate		2013 Beds		
			Licensed	Adjustments	Reuters	Growth		2013 Projected	Adjusted	Projected 2013	
License			Acute Care	for CONs/	2009 Acute	Rate	negative	Average Daily	for Target	Deficit or	2013 Need
Number	Facility Name	County	Beds	Previous Need	Care Days	Multiplier	growth)	Census (ADC)	Occupancy	Surplus ("-")	Determination
H0209		Forsyth	784		,	1.0084	,		760		
H0229		Forsyth	22	-10		1.0084			16	4	
	Forsyth/Medical	Park Hospital Totals	806	39	213,347		220,596	604	776	-69	
H0011	North Carolina Baptist Hospitals		802		205,527	1.0084	212,510	582	745	-57	
		Forsyth Total	1,608	39							0
	High Point Regional Health										
H0052	,	Guilford	291	16	68,699	1.0023	, -		266		
H0159	,	Guilford	777	0	202,716	1.0023	204,561	560	717	-60	
		Guilford Total	1,068	16							0
1											
H0230	Halifax Regional Medical Center		184	0	32,193	1.0068	,		136		
H0004	, ,	Halifax	20		64	1.0068	66	0	0	-20	
		Halifax Total	204	0							0
	Betsy Johnson Regional										
H0224		Harnett	101	0	24,448	-1.0463	24,448	67	100	-1	
	Harnett Health System Central										
		Harnett	0	50	0		0	0	0	-50	
	Betsy Johnson/Harnett F	Health System Totals	101	50	24,448		24,448	67	100	-51	
	Good Hope Hospital (closed										
H0080	,	Harnett	0	34		-1.0463	0	0	0	-34	
		Harnett Total	101	84	,						0
	Margaret R. Pardee Memorial										
H0161		Henderson	201	0	22,739	-1.0552	,		93		
H0019		Henderson	62	0	11,343	-1.0552	11,343	31	47	-15	
		Henderson Total	263	0	,						0
H0248		Iredell	102	0	18,161	-1.0332	18,161	50	75	-27	
	Lake Norman Regional Medical										
H0259		Iredell	123		26,041	-1.0332			107		
,	gional/Lake Norman Regional N	1	225	0	44,202		44,202		182		
H0164		Iredell	199	0	39,736	-1.0332	39,736	109	152	-47	
		Iredell Total	424	0							0

Projections based on 4 year average county specific Growth Rates compunded annually over the next four years. Acute Care Days Data from 2005, 2006, 2007, 2008, 2009 used to generate 4 year growth rate.

Counties with one hospital shown first, followed by counties with more than one hospital.

2009 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research.

Target Occupancy Rates: ADC 1-99: 66.7% ADC 100-200: 71.4% ADC>200 and <=400: 75.2%, ADC>400: 78%

Target Occupancy Factors: ADC 1-99: 1.50 ADC 100-200: 1.40 ADC>200 and <=400: 1.33 ADC>400: 1.28

		Occupancy Factors	s: ADC 1-9			.40 ADC>2		: 1.33 ADC>4	100: 1.28		
Α	В	С	D	E	F	G	Н	1	J	K	L
							4 Years				
							Growth				
							Using County				
					Thomson	County	Growth Rate		2013 Beds		
			Licensed	Adjustments	Reuters	Growth	(=2009 Days, if	2013 Projected	Adjusted	Projected 2013	
License			Acute Care	for CONs/	2009 Acute	Rate	negative	Average Daily	for Target	Deficit or	2013 Need
Number	Facility Name	County	Beds	Previous Need		Multiplier	growth)	Census (ADC)	Occupancy	Surplus ("-")	Determination
H0034	Angel Medical Center	Macon	59	0	5,156	-1.0313	5,156	14	21	-38	
H0193	Highlands-Cashiers Hospital	Macon	24	0	762	-1.0313	762	2	3	-21	
		Macon Total	83	0							0
	Carolinas Medical Center -										
H0042	Mercy & Pineville	Mecklenburg	294	36	60,190	1.0251	66,472	182	255	-75	
	Carolinas Medical Center -										
H0255	University	Mecklenburg	130	-36	21,786	1.0251	24,060	66	99	5	
	Carolinas Medical Center /										
H0071	Center for Mental Health	Mecklenburg	795	0	238,152	1.0251	263,007	721	922	127	
		Medical Center Totals	1,219	0	320,128		353,539	968	1,276	57	
H0010	Presbyterian Hospital	Mecklenburg	463	76	150,910	1.0251	166,660	457	584	45	
	Presbyterian Hospital										
H0282	Huntersville	Mecklenburg	60	15	17,574	1.0251	19,408	53	80	5	
H0270	Presbyterian Hospital Matthews	Mecklenburg	114	20	32,077	1.0251	35,425	97	146	12	
		Mecklenburg	0	50	Utilization for	reporting perion	od shown below w	vith H0251.		-50	
	Presbyterian Orthopaedic										
H0251	Hospital	Mecklenburg	140			1.0251			52	38	
	Presbyt	terian Hospital Totals	777	35			234,151	642	862	50	
	I	Mecklenburg Total	1,996	35			T	ı			107
	FirstHealth Richmond Memorial			_							
H0158	Hospital	Richmond	99	0	10,791	-1.0495	10,791	30	44	-55	
	Sandhills Regional Medical			_						_	
H0265	Center	Richmond	54	6	12,388	-1.0495	12,388	34	51	-9	
	1	Richmond Total	153	6			1		1		0
H0023	Annie Penn Hospital	Rockingham	110		,	-1.0517	,		49	-61	
H0072	Morehead Memorial Hospital	Rockingham	108		21,204	-1.0517	21,204	58	87	-21	
		Rockingham Total	218	0							0

Counties with one hospital shown first, followed by counties with more than one hospital.

2009 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research.

Target Occupancy Rates: ADC 1-99: 66.7% ADC 100-200: 71.4% ADC>200 and <=400: 75.2%, ADC>400: 78%

Target Occupancy Factors: ADC 1-99: 1.50 ADC 100-200: 1.40 ADC>200 and <=400: 1.33 ADC>400: 1.28

Α	В	С	D	Ε	F	G	Н	I	J	K	L
							4 Years				
							Growth				
							Using County				
					Thomson	County	Growth Rate		2013 Beds		
			Licensed	Adjustments	Reuters	Growth	(=2009 Days, if	2013 Projected	Adjusted	Projected 2013	
License			Acute Care	for CONs/	2009 Acute	Rate	negative	Average Daily	for Target	Deficit or	2013 Need
Number	Facility Name	County	Beds	Previous Need	Care Days	Multiplier	growth)	Census (ADC)	Occupancy	Surplus ("-")	Determination
	Hugh Chatham Memorial										
H0049	Hospital	Surry	81	0	16,448	1.0100	17,117	47	70	-11	
	Northern Hospital of Surry										
H0184	County	Surry	100	0	14,921	1.0100	15,528	43	64	-36	
		Surry Total	181	0							0
H0238	Duke Health Raleigh Hospital	Wake	186	0	28,622	1.0301	32,221	88	132	-54	
H0065	Rex Hospital	Wake	431	8	110,325	1.0301	124,198	340	453	14	
H0276	WakeMed Cary Hospital	Wake	156	0	41,103	1.0301	46,271	127	177	21	
H0199	WakeMed Raleigh Campus	Wake	575	53	175,814	1.0301	197,921	542	694	66	
		WakeMed Totals	731	53	216,917		244,193	669	872	88	
		Wake Total	1,348	61							101
H0160	Blowing Rock Hospital	Watauga	28	0	418	-1.0309	418	1	2	-26	
H0077	Watauga Medical Center	Watauga	117	0	21,429	-1.0309	21,429	59	88	-29	
		Watauga Total	145	0							0
Grand Tot	al All Hospitals		20,647	296	4,452,438		4,711,378				375

Need Determinations

Application of the revised Acute Care Bed Need methodology to current data from Thomson Reuters indicated need for 375 additional acute care beds, distributed across six service areas. In response to a petition from Mission Hospital, there was a reduction in the need determination for the Buncombe-Madison-Yancey service area from 69 acute care beds to 51 beds. Therefore, the recommended total number of new acute care beds is 375, as shown in Table 5B.

Table 5B: Acute Care Bed Need Determinations

(For Certificate of Need Review Commencing in 2011)

Application of the proposed revised Acute Care Bed Need Methodology indicated that the Acute Care Bed Service Areas listed in the table below need additional acute care beds as specified.

ACUTE CARE BED NEED DETERMINATION*	CERTIFICATE OF NEED APPLICATION DUE DATE**	CERTIFICATE OF NEED BEGINNING REVIEW DATE
3	November 15, 2011	December 1, 2011
51***	March 15, 2011	April 1, 2011
65	June 15, 2011	July 1, 2011
48	November 15, 2011	December 1, 2011
107	October 17, 2011	November 1, 2011
101	April 15, 2011	May 1, 2011
375		
	NEED DETERMINATION* 3 51*** 65 48 107 101 375	ACUTE CARE BED NEED APPLICATION DUE DATE** 3 November 15, 2011 51*** March 15, 2011 65 June 15, 2011 48 November 15, 2011 107 October 17, 2011 101 April 15, 2011 375

It is determined that there is no need for additional acute care beds anywhere else in the state and no other reviews are scheduled.

^{*} Need determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).

^{**} Application due dates are absolute deadlines. The filing deadline is 5:30 p.m. on the application due date. The filing deadline is absolute (see Chapter 3).

^{***} The need determination was reduced from 69 to 51 as the result of the approval of an adjusted need determination petition.

Inventory of Long-Term Care Hospital Beds

As a result of the August 2005 change in the certificate of need statute, which made "long-term care hospital beds" a separate category of health service facility beds, the bed days associated with long-term care hospitals have been removed from the acute care bed need determinations. Table 5C, based on 2009 data from the 2010 Hospital License Renewal Applications, shows long-term care hospital inventory data.

Table 5C: Long-Term Care Hospital (LTCH) Bed Inventory

LICENSE #	FACILITY NAME	COUNTY	LICENSED LTCH BEDS	ADJUSTMENTS FOR CONS AND PREVIOUS NEED
H0279	Asheville Specialty Hospital	Buncombe	34	0
H0278	Carolinas Select Specialty Hospital	Mecklenburg	40	0
H0236	Crawley Memorial Hospital	Cleveland	41	0
H0275	Highsmith-Rainey Memorial Hospital	Cumberland	66	0
H0073	Kindred Hospital-Greensboro	Guilford	101	0
H0242	LifeCare Hospital of North Carolina	Nash	50	0
H0280	Select Specialty Hospital - Durham	Durham	30	0
H0284	Select Specialty Hospital - Greensboro	Guilford	30	0
H0277	Select Specialty Hospital - Winston-Salem	Forsyth	42	0

Chapter 6: Operating Rooms

CHAPTER 6 OPERATING ROOMS

Summary of Operating Room Inventory and Utilization

In the fall of 2010, the combined inventory of operating rooms in hospitals and ambulatory surgical facilities consisted of 160 dedicated inpatient surgery rooms, including 89 dedicated C-Section rooms, 289 dedicated ambulatory surgery rooms and 862 shared operating rooms. Data from the 2010 Hospital and Ambulatory Surgical Facility License Renewal Applications indicated that of the total reported surgical cases, excluding C-Section cases, 71 percent of the cases were ambulatory cases and 29 percent of the cases were inpatient cases.

Changes from the Previous Plan

Two substantive changes to the Operating Room Need Methodology are incorporated into the North Carolina 2011 State Medical Facilities Plan.

1. The definition of Operating Room Service Area was changed from the definition shown below:

"Each county is a separate Operating Room Service Area except where there is no licensed facility with an operating room located within the county, in which case the county or counties without a licensed facility providing operating rooms are combined in a multicounty grouping with a county that has at least one licensed facility with an operating room. Multicounty groupings were determined based on surgical patient origin data from the Hospital and the Ambulatory Surgical Facility License Renewal Applications, supplemented by surgical patient origin data from Blue Cross and Blue Shield. Counties without a facility providing operating rooms were grouped with the contiguous county, whenever possible, which served the largest reported number of surgical patients, except as described in the following sentences. In 2006, in response to an adjusted need determination petition, the State Health Coordinating Council added Swain County to the Jackson-Graham Multicounty Operating Room Service Area. This created a multicounty operating room service area including two counties with operating rooms and one county without operating rooms. Additionally, in response to a petition submitted to the State Health Coordinating Council, Hoke County was assigned to Moore and Cumberland counties for the North Carolina 2010 State Medical Facilities Plan. This created a Cumberland-Hoke Multicounty Operating Room Service Area in addition to the existing Moore-Hoke Multicounty Operating Room Service Area. (Note: An operating room's service area is the operating room planning area in which the operating room is located. The operating room planning areas are the single and multi-county groupings shown in Figure 6.1. For the 2010 Plan, the State Health Coordinating Council has identified three additional operating

room service areas specifically for the Single Specialty Ambulatory Surgery Facility Demonstration Project, which is described in Table 6D.)" (North Carolina 2010 State Medical Facilities Plan, page 60)

The revised Operating Room Service Area definition is shown in Methodology for Projecting Operating Room Need, Step 1 – Delineation of Service Areas (Column A).

2. Additionally, the definition of "chronically underutilized facilities", used in Step 4.m of the Operating Room Need Projection Methodology, was changed from the definition shown below:

"Chronically underutilized licensed facilities are defined as licensed facilities operating at less than 40 percent utilization for the past two fiscal years, which have been licensed long enough to submit at least two License Renewal Applications to the Division of Health Service Regulation." (North Carolina 2010 State Medical Facilities Plan, page 62)

The revision, **bolded**, is as follows:

"...licensed long enough to submit at least **three** License Renewal Applications..."

The inventory and case data have been updated and references to dates have been advanced by one year, as appropriate.

Sources of Data

Data on the number of cases and procedures for the North Carolina 2011 State Medical Facilities Plan were taken from the "2010 Hospital License Renewal Applications" and the "2010 Ambulatory Surgical Facility License Renewal Applications" as submitted to the Licensure and Certification Section of the Division of Health Service Regulation. (Note: While utilization data are reported on the annual license renewal applications for dedicated C-Section rooms, utilization data must be collected separately for the excluded Trauma Center and Burn Intensive Care Unit operating rooms described in Step 4.j of the "Methodology for Projecting Operating Room Need." For the North Carolina 2011 State Medical Facilities Plan, one operating room for each Level I and II trauma center and one operating room for each designated burn intensive care unit are excluded in Table 6B. However, additional data on cases referred to excluded operating rooms by Level I or Level II trauma centers and burn intensive care units have not been collected because application of the methodology indicated that the Operating Room Service Areas with a Level I or II trauma center or burn intensive care unit all had surpluses of operating rooms. Excluding cases for service areas with projected surpluses would only increase the size of the projected surplus.)

Inventory data for the North Carolina <u>2011 State Medical Facilities Plan</u> were compiled by staff based on License Renewal Applications, supplemented with data from the most recent licenses issued by the Licensure and Certification Section and with project approval letters from the Certificate of Need Section.

Population data by county for 2009 and 2013 were obtained from the North Carolina Office of State Budget and Management.

Methodology for Projecting Operating Room Need

The following narrative describes the assumptions and methodology used in determining the operating room inventory and in projecting need for additional operating room capacity. The objective of the methodology is to arrive at a reasonable assessment of the adequacy of current resources for performing surgery, compared with an estimate of need for additional capacity.

Step 1 – Delineation of Service Areas (Column A) Definitions:

Single County Operating Room Service Area: A county with at least one licensed facility with one or more operating rooms.

Multicounty Operating Room Service Area: A group of counties including:

- one or two counties with at least one licensed facility with at least one operating room **and**;
- one or more counties with no licensed facility with at least one operating room.

All counties are either Single County Operating Room Service Areas or are part of a Multicounty Operating Room Service Area. A multicounty operating room service area may consist of multiple counties with no licensed facility with at least one operating room grouped with either one or two counties, each of which have at least one licensed facility that includes at least one operating room.

The three most recent years of available surgical patient origin data are combined and used to create the multicounty operating room service areas. These data are updated and reviewed every three years. The operating room service areas are then updated, as indicated by the data. The first update occurred in the North Carolina 2011 State Medical Facilities Plan. The following decision rules are used to determine multicounty operating room service area groupings:

- 1. Counties with no licensed facility with at least one operating room are grouped with the single county where the largest proportion of patients had surgery, as measured by number of surgical cases, unless:
 - a. Two counties with licensed facilities with at least one operating room each provided surgical services to at least 35 percent of the residents who received surgical services, as measured by number of surgical cases.
- 2. If 1.a. is true, then the county with no licensed facility with at least one operating room is grouped with both the counties which provided surgical

services to at least 35 percent of the residents who received surgical services, as measured by number of surgical cases.

A county lacking a licensed facility with at least one operating room becomes a single county operating room service area upon licensure of a facility with at least one operating room in that county. If a certificate of need is issued for development of a facility with at least one operating room in a county lacking a facility with at least one operating room, the operating room(s) for which the certificate of need has been issued will be included in the inventory of operating rooms in that county's multicounty operating room service area until those operating rooms are licensed.

In 2006, in response to an adjusted need determination petition, the State Health Coordinating Council added Swain County to the Jackson-Graham Multicounty Operating Room Service Area. This created a multicounty operating room service area that included two counties that have licensed facilities with at least one operating room and one county lacking a licensed facility with at least one operating room.

An operating room's service area is the operating room planning area in which the operating room is located. The operating room planning areas are the single and multicounty groupings shown in Figure 6.1.

Step 2 – Estimate Total Surgery Hours for the Previous Year (Columns B through H)

Estimate the total number of surgery hours performed during the previous fiscal year based on reported cases by type from Annual License Renewal Applications, as follows:

- a. Sum the number of inpatient surgical cases reported in the Inpatient Cases column of the "Surgical Cases by Specialty Area" table on the annual Hospital License Renewal Applications for all licensed facilities within the operating room service area. (NOTE: Cases performed in Dedicated C-Section rooms; cases reported as "Trauma Cases" by Level I or II Trauma Centers; and cases reported by designated "Burn Intensive Care Units" are excluded for purposes of these need projections.) Multiply the total number of inpatient cases by three hours to estimate the number of hours utilized for inpatient cases. (Column B * Column C = Column D)
- b. Sum the number of ambulatory surgical cases reported in the Ambulatory Cases column of the "Surgical Cases by Specialty Area" table on the annual Hospital License Renewal Applications and the number of surgical cases reported on the annual Ambulatory Surgical Facility License Renewal Applications for all licensed facilities within the operating room service area. Multiply the total number of ambulatory cases by 1.5 hours to estimate the number of hours utilized for ambulatory cases. (Column E * Column F = Column F)

c. Sum the totals from Step 2.a and 2.b to determine the "Total Estimated Hours" reported during the previous fiscal year. (Column D + Column G = Column H)

Step 3 – Project Future Operating Room Requirements Based on Growth of Operating Room Hours (Columns I through L)

d. For purposes of these need projections, the number of surgical hours is anticipated to increase or decrease in direct proportion to the change in the general population of the operating room service area. A "Growth Factor" based on each service area's projected population change between the "data year" (2009) and the "target year" for need projections (2013) is calculated based on population figures from the North Carolina Office of State Budget and Management. (Column I: Growth Factor = 2013 Service Area Population minus 2009 Service Area Population, then divided by the 2009 Service Area Population.)

For the North Carolina <u>2011 State Medical Facilities Plan</u>, when determining need for operating rooms, Hoke County's population growth was assigned as follows:

- Cumberland County was assigned the proportion of Hoke County's population growth equal to the proportion of Hoke County residents receiving surgical services in Cumberland County;
- Moore County was assigned the proportion of Hoke County's population growth equal to the proportion of Hoke County residents receiving surgical services in Moore County.

Combined surgical patient origin data for years 2007 - 2009 from the 2008 - 2010 Hospital and Ambulatory Surgical Facility License Renewal Applications were used to determine the proportion of Hoke County residents receiving services in Cumberland and Moore counties.

The table below shows how the Cumberland-Hoke and the Moore-Hoke Multicounty Service Areas' growth rates were calculated for the North Carolina 2011 State Medical Facilities Plan.

County	July 2009 Estimated Population	July 2013 Projected Population	Change	Change Rate
Cumberland	321,121	335,945	14,824	4.62%
Moore	86,958	92,563	5,605	6.45%
Hoke	46,141	50,933	4,792	10.39%
Cumberland	321,121	335,945	14,824	4.62%
	20,071	22,156	2,085	10.39%
Hoke	(20,071=43.50% of 46,141)	(22,156=43.50% of 50,933)		
Cumberland- Hoke Total	341,192	358,101	16,909	4.96%
Moore	86,958	92,563	5,605	6.45%
	19,070	21,051	1,981	10.39%
Hoke	(19,070=41.33% of 46,141)	(21,051=41.33% of 50,933)		
Moore-Hoke Total	106,028	113,614	7,586	7.15%

- e. Multiply the "Total Estimated Hours" for the most recent fiscal year by the "Growth Factor" for each operating room service area, then add the product to the Total Estimated Hours to determine the "Projected Surgical Hours Anticipated in 2013." ([Column H * Column I] + Column H = Column J)
- f. For purposes of the State Medical Facilities Plan, the average operating room is anticipated to be staffed nine hours a day, for 260 days per year, and utilized at least 80 percent of the available time. The standard number of hours per operating room per year based on these assumptions is 1,872 hours. (Column K: 9 hours x 260 days x 0.8 = 1,872 hours per operating room per year).
- g. Divide the "Projected Surgical Hours Anticipated in 2013" by the "Standard Hours per Operating Room per Year" to determine the projected number of operating rooms required by the year 2013. (Column J ÷ Column K = Column L)

Step 4 – Inventory of Operating Rooms (Columns M through S)

- h. List the number of operating rooms by type in each operating room service area by summing the following for all licensed hospitals and ambulatory surgery facilities:
 - Number of Inpatient Operating Rooms (Column M)
 - Number of Ambulatory Operating Rooms (Column N)
 - Number of Shared Operating Rooms (Column O)

- i. For each operating room service area, exclude the number of dedicated C-Section operating rooms as summed from the Hospital License Renewal Application. (Column P)
- j. For each operating room service area, exclude one operating room for each Level I and II Trauma Center and one additional operating room for each designated Burn Intensive Care Unit. (Column Q)
- k. For each operating room service area, add the number of additional operating rooms for which certificates of need have been issued or settlement agreements signed but the operating rooms are not yet licensed, as well as any need determinations from previous plans that are pending certificate of need review. (Column R)
- 1. For each operating room service area, calculate the "Adjusted Planning Inventory" by summing the licensed operating rooms, minus the exclusions, plus the adjustments for additional operating rooms from Step 4.k. (Note: By entering the "exclusions" as negative numbers, Column S = SUM [Column M through Column R].)
- m. Determine the utilization rate for each licensed facility providing surgical services and exclude from Step 5 "Determination of Need" the operating rooms in chronically underutilized licensed facilities located in operating room service areas with more than one licensed facility. Chronically underutilized licensed facilities are defined as licensed facilities operating at less than 40 percent utilization for the past two fiscal years, which have been licensed long enough to submit at least three License Renewal Applications to the Division of Health Service Regulation.

Step 5 – Determination of Need (Columns T through U)

- n. For each operating room service area, subtract the "Adjusted Planning Inventory" from the "Projected Operating Rooms Required in 2013" to determine the "Projected Operating Room Deficit or Surplus." (Column L Column S = Column T) (NOTE: In Column T, projected surpluses will appear as negative numbers indicating that there are more operating rooms in the Adjusted Planning Inventory than the methodology projects will be needed by 2013.)
- o. For each operating room service area with more than 10 operating rooms and a projected deficit of 0.50 or greater, the "Operating Room Need Determination" is equal to the "Projected Operating Room Deficit" rounded to the next whole number. (In this step, fractions of 0.50 or greater are rounded to the next highest whole number.) For each operating room service area with more than 10 operating rooms and a projected deficit that is less than 0.50 or in which there is a projected surplus, the Operating Room Need Determination is zero. (*Column U*)

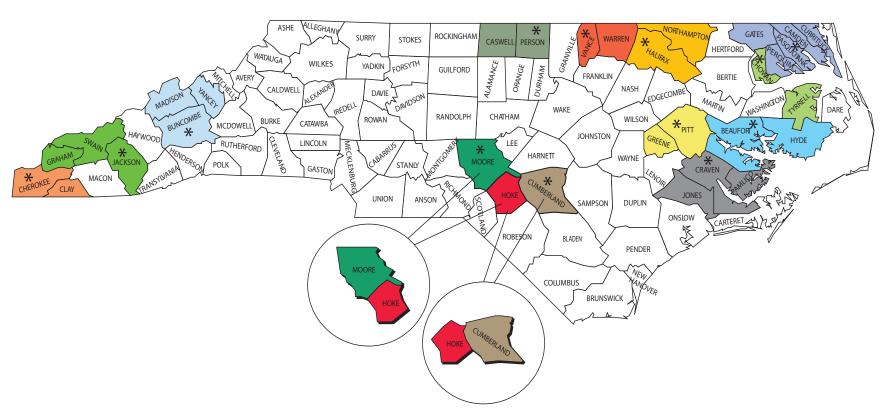
For each operating room service area with six to 10 operating rooms and a projected deficit of 0.30 or greater, the "Operating Room Need Determination" is equal to the "Projected Operating Room Deficit" rounded to the next whole number. (In this step, fractions of 0.30 or greater are rounded to the next highest whole number.) For each operating room service area with six to 10 operating rooms and a projected deficit that is less than 0.30 or in which there is a projected surplus, the Operating Room Need Determination is zero. (*Column U*)

For each operating room service area with five or fewer operating rooms and a projected deficit of 0.20 or greater, the "Operating Room Need Determination" is equal to the "Projected Operating Room Deficit" rounded to the next whole number. (In this step, fractions of 0.20 or greater are rounded to the next highest whole number.) For each operating room service area with five or fewer operating rooms and a projected deficit that is less than 0.20 or in which there is a projected surplus, the Operating Room Need Determination is zero. (*Column U*)

<u>NOTE</u>: "Dedicated C-Section Operating Rooms" and associated cases are excluded from the calculation of need for additional "operating rooms" by the standard methodology; therefore, hospitals proposing to add a new operating room for use as a "Dedicated C-Section Operating Room" shall apply for a certificate of need without regard to the need determinations in Chapter 6 of this Plan. There are no other operating room exclusions for which this protocol is applicable.

A "Dedicated C-Section Operating Room" shall only be used to perform Cesarean Sections and other procedures performed on the patient in the same visit to the C-Section Operating Room, such that a patient receiving another procedure at the same time as the Cesarean Section would not need to be moved to a different operating room for the second procedure.

Figure 6.1: Operating Room Service Areas



Shaded counties are multi-county acute care bed service areas, consisting of a county with one or more hospitals and a nearby county or counties without an acute care hospital. ** County with Hospital

Hospital	Multi-County Service Area	Color Code
Murphy Medical Center	Cherokee, Clay	
Harris Regional Hospital and Swain County Hospital	Jackson, Graham, Swain	
Mission Hospitals	Buncombe, Madison, Yancey	
First Health Moore Regional Hospital	Moore, Hoke	
Cape Fear Valley Medical Center	Cumberland, Hoke	
Person Memorial Hospital	Person, Caswell	
Maria Parham Hospital	Vance, Warren	
Our Community and Halifax Regional Medical Center	Halifax, Northampton	
Pitt County Memorial Hospital	Pitt, Greene	
Craven Regional Hospital	Craven, Jones, Pamlico	
Pungo District Hospital and Beaufort County Hospital	Beaufort, Hyde	
Chowan Hospital	Chowan, Tyrrell	
Albemarle Hospital	Pasquotank, Camden, Currituck, Gates, Perquimans	

		Counties	with one facili	ty shown firs	t, followed	by counties	with more	than one fa	icility.		
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR
H0274	Alexander Hospital	Alexander	0							•	
H0108		Alleghany	29	292	0	0			0	0	0
H0082	Anson Community Hospital	Anson	136			0			0	0	0
H0099	Ashe Memorial Hospital	Ashe	202			0			0	0	0
	Charles A. Cannon, Jr.										
H0037	Memorial Hospital	Avery	218	317	0	0	2	0	0	0	0
H0268	Bertie Memorial Hospital	Bertie	6	811	0	0	2	0	0	0	0
	Cape Fear Valley - Bladen										
H0154	County Hospital	Bladen	258		0	0	2	0	0	0	0
H0061	Caldwell Memorial Hospital	Caldwell	1,444	2,894	1	3	4	-1	0	0	0
H0007	Chatham Hospital	Chatham	76	215	0	0	2	0	0	0	0
H0239	Murphy Medical Center	Cherokee	470		0	0	4	0	0	0	0
H0063	Chowan Hospital	Chowan	513	1,197	0	0	3	0	0	0	0
	Columbus Regional Healthcare										
H0045	System	Columbus	1,369			0	4	-1	0	1	0
H0201	CarolinaEast Medical Center	Craven	3,520				_				
H0171	Davie County Hospital	Davie	7	184		0	_	-	0	0	0
H0166	Duplin General Hospital	Duplin	598	,		0	3	0	0	0	0
H0258	Heritage Hospital	Edgecombe	764	, -		0	Ū		0	0	0
H0098	Granville Medical Center	Granville	613	1,988	0	0	3	0	0	0	0
	Halifax Regional Medical										
H0230	Center	Halifax	1,609	2,598	0	0	6	0	0	0	0
	Haywood Regional Medical										
H0025	Center	Haywood	1,525				-	-	_		
H0001	Roanoke-Chowan Hospital	Hertford	779			0			0		0
H0087	Harris Regional Hospital	Jackson	979						·	-	0
H0151	Johnston Memorial Hospital	Johnston	2,040			2				-	1
H0043	Lenoir Memorial Hospital	Lenoir	1,791	2,948	1	0	9	-1	0	0	0
	Carolinas Medical Center -										
H0225	Lincoln	Lincoln	741	1,794	1	0		-1	0	v	
H0078	Martin General Hospital	Martin	420		-					v	
H0097	The McDowell Hospital	McDowell	554	,		0	Ū			v	
H0169	Blue Ridge Regional Hospital	Mitchell	379	762	0	0	3	0	0	0	0
	FirstHealth Montgomery										
H0003	Memorial Hospital	Montgomery	41	123							
H0228	Nash General Hospital	Nash	2,223			0				-	
H0048	Onslow Memorial Hospital	Onslow	1,308		1	4	•				_
H0054	Albemarle Hospital	Pasquotank	1,220		2					v	-
H0115	Pender Memorial Hospital	Pender	64					-	_		
H0066	Person Memorial Hospital	Person	692	,		0	· ·	-	0	v	
H0079	St. Luke's Hospital	Polk	336	720	0	0	3	0	0	0	0

		Counties	with one facili	ty shown first	t, followed	by counties v	with more	than one fa	cility.		
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR
	Southeastern Regional Medical	Í	· ·							•	
H0064	Center	Robeson	2,063	4,560	1	0	9	0	0	0	0
	Rowan Regional Medical										
H0040	Center	Rowan	2,745	8,834	2	3	8	-2	0	0	0
H0039		Rutherford	1,426	2,223	0	0	5	0	0	0	0
	Sampson Regional Medical										
H0067		Sampson	731	1,444	0	0	8	0	0	0	0
H0107	Scotland Memorial Hospital	Scotland	1,107	2,988	1	0	5	-1	0	0	0
H0008	Stanly Regional Medical Center	Stanly	1,004	2,662	1	0	5	-1	0	0	0
	Stokes-Reynolds Memorial				_	_	_	_	_	_	_
H0165	Hospital	Stokes	0	297	0	2	2	0			
H0069	Swain County Hospital	Swain	0	51	0	0	1	0	0	0	0
H0111	Transylvania Community Hospital	Transylvania	450	1,940	0	0	4	0	0	0	0
H0267	Maria Parham Medical Center	Vance	739	1,953		0	5	0	-	0	-
H0006	Washington County Hospital	Washington	15	337	0	0	2	0	0	0	0
H0155	Yadkin Valley Community Hospital (prev. Hoots Memorial)	Yadkin	1	480	0	0	2	0	0	0	0
	, and the same of		1			an One Facility					
H0272	Alamance Regional Medical Center	Alamance	2,030	5,776		•		-2	0	0	0
AS0114	Mebane Ambulatory Surgical Facility (licensed 6.17.08)	Alamance	0	1,498	0	0	0	0	0	0	0
		Alamance	0.000	7.07.4							
110400	Description Occurrent Description	Total	2,030	7,274	2	3		-2			
H0188	Beaufort County Hospital Pungo District Hospital	Beaufort	824	2,407	1	0	5	-1	0	0	0
H0002	Corporation	Beaufort	27	24	0	0	2	0	0	0	0
		Beaufort Total	851	2,431	1	0	7	-1	0	0	0
H0250	Brunswick Community Hospital J. Arthur Dosher Memorial	Brunswick	901	2,904	1	0	3	-1	0	1	0
H0150	Hospital	Brunswick Brunswick	307	1,351	0	0	2	0	0	0	0
		Total	1,208	4,255	1	0	5	-1	0	1	0

		Counties	with one facili	ty shown first	t, followed	by counties v	with more	than one fa	cility.		
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR
	Asheville Eye Surgery Center	Buncombe	0				0			•	
	FEMCARE	Buncombe	0							-	
	Mission Hospitals	Buncombe	12,992		21	13				~	
	Orthopaedic Surgery Center of		,,,,,,	,							
	Asheville	Buncombe	0	2,505	0	3	0	0	0	0	0
		Buncombe		,			-				
		Total	12,992	28,689	21	19	9	-2	-1	4	0
H0062	Grace Hospital	Burke	1,081	2,936	1	0	5	-1	0	0	0
	Surgery Center of Morganton										
AS0040	Eye Physicians, P.A.	Burke	0	2,061	0	2	0	0	0	0	0
H0091	Valdese General Hospital	Burke	388	1,989	0	0	4	0	0	0	0
		Burke Total	1,469	6,986	1	2	9	-1	0	0	0
AS0019	Eye Surgery And Laser Clinic	Cabarrus	0	2,518	0	2	0	0	0	0	0
	Gateway Ambulatory Surgery										
AS0070		Cabarrus	0	5,990	0	4	0	0	0	0	0
	Carolinas Medical Center -										
H0031	NorthEast	Cabarrus	5,192	6,586	4	0	17	-2	0	0	0
		Cabarrus									
		Total	5,192	15,094	4	6		-2	0		
	Carteret General Hospital	Carteret	1,642			0	_		0		_
AS0061	Carteret Surgery Center	Carteret	0	1,620	0	2	0	0	0	0	0
		Carteret					_		_		
		Total	1,642	4,239	1	2	5	-1	0	0	0
	0		0.000	F 000	4		40				
H0223	Catawba Valley Medical Center	Catawba	3,882	5,663	1	0	12	-1	0	0	0
H0053	Frye Regional Medical Center	Catawba	3,133	5,995	2	4	15	0	0	0	_
	Graystone Eye Surgery Center	Catawba	3,133	5,995		4	15	U	U	U	U
	(formerly HealthSouth Surgery										
AS0036		Catawba	0	3,966	0	1	0	0	0	0	0
	Viewmont Surgery Center	Catawba	0		0		0		0	-	
730101	viewmont Surgery Center	Catawba	ı o	2,701	U	3	U	U	U	U	U
		Total	7,015	18,405	3	8	27	-1	0	0	0
		Juli	7,013	10,403	3						0
AS0062	Cleveland Ambulatory Services	Cleveland	0	1,589	0	4	0	0	0	0	n
	Cleveland Regional Medical	2.0.0.0.10		1,000	0		0				
H0024	Center	Cleveland	2,040	3,784	1	0	6	-1	0	0	0
	-		_,::0	2,. 0.							
AS0049	Eye Surgery Center of Shelby	Cleveland	0	1,584	0	2	0	0	0	0	0
	Kings Mountain Hospital	Cleveland	180	853	0	0	2	0	0	0	0

		Counties	with one facili	ty shown first	t, followed	by counties v	with more	than one fa	cility.		
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR
LIC#	1 demity Name	Cleveland	Cases Excideday	Ouscs	OIX3	OKS	Oits	Olto	OKS	Aujustinents	0-occilon on
		Total	2,220	7,810	1	6	8	-1	0	0	0
	Cape Fear Valley Medical		_,	1,010							
H0213	Center	Cumberland	6,509	5,804	5	0	13	-3	0	1	0
	Fayetteville Ambulatory		•	·							
AS0006	Surgery Center	Cumberland	0	14,210	0	11	0	0	0	0	0
	Highsmith-Rainey Memorial										
H0275	Hospital	Cumberland	72	2,511	0	0	4	0	0	0	0
		Cumberland									
		Total	6,581	22,525	5	11	17	-3	0		. 0
	RMS Surgery Center	Dare	0								
H0273	The Outer Banks Hospital	Dare	243			0	_		0		
		Dare Total	243	1,476	1	2			0		
H0027	Lexington Memorial Hospital	Davidson	837	2,565							
H0112	Thomasville Medical Center	Davidson	555	2,861	1	0	5	-1	0	0	0
		Davidson	1,392	5,426	4	0	9	-1	0	0	0
H0015	Duke University Hospital	Total Durham	16,766		4						
H0013	(In addition to a CON Adjustment					•					•
H0233	Durham Regional Hospital	Durham	4,149	3,234	3		12				Tieeu.)
110200	James E. Davis Ambulatory	Damam	7,170	0,204	Ü	- U	12				0
AS0041	Surgical Center	Durham	0	4,477	0	8	0	0	0	0	0
	North Carolina Specialty			.,					<u>-</u>		
H0075	Hospital	Durham	1,395	6,285	0	0	4	0	0	0	0
	·	Durham	,							l	
		Total	22,310	33,339	7	17	48	-2	-1	4	0
H0209	Forsyth Medical Center	Forsyth	10,431	12,968	5	6			0	10	0
H0229	Medical Park Hospital	Forsyth	844	10,523	0	0	13	0	0	-6	0
	North Carolina Baptist										
H0011	Hospitals	Forsyth	13,357	18,693	4	0	36	0	-2	0	0
	Plastic Surgery Center Of										
AS0021	North Carolina	Forsyth	0	148	0	3	0	0	0	0	0
		F	04.055	40.000			0.0				
	Frontiin Dogios - Madisal	Forsyth Total	24,632	42,332	9	9	68	-2	-2	4	0
H0264	Franklin Regional Medical	Franklin	454	00.4	^	0	2	^	^		
H0261	Center Same Day Surgery Center	ridlikiili	151	834	0	U	3	0	0	0	0
	Franklin	Franklin	0	0	0	0	0	0	0	1	0
	1 TATIMIT	Franklin	0	0	U	0	U U	0	U		0
		Total	151	834	0	0	3	0	0	1	0
		· otai	101	007	U	0	J	U	U		U

		Counties	with one facilit	y shown first	, followed	by counties v	with more	than one fa	cility.		
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR
	CaroMont Specialty Surgery	Gaston	0	4,034		6				0	0
	Gaston Memorial Hospital	Gaston	3,971	9,820	5	8				0	0
		Gaston Total	3,971	13,854	5	14	9	-4	0	0	0
	Carolina Birth Center	Guilford	0	505	0	1	0	0	0	0	0
AS0009	HEALTHSOUTH Greensboro Specialty Surgical Center HEALTHSOUTH Surgical	Guilford	0	2,489	0	3	0	0	0	0	0
AS0018	Center of Greensboro High Point Regional Health	Guilford	0	10,186	0	13	0	0	0	0	0
	System	Guilford	3,488	3,114	3	0	9	-1	0	-1	0
	High Point Surgery Center	Guilford	0	4,726	0	6	0		0	0	0
	Kindred Hospital - Greensboro Moses Cone Health System	Guilford Guilford	756 13,325	46 19,361	0	0 13	1 37	0	0 -1	0	0
	Triad Neurosurgery	Guilford	0	0	0	0	0	0	-	2	0
	Piedmont Surgical Center	Guilford	0	1,087	0	2	0			0	0
	Premier Surgery Center	Guilford	0	0	0	0	0	-		2	0
AS0033	Surgical Eye Center	Guilford	0	3,808	0	4	0	0	0	0	0
	Data Islama Darina	Guilford Total	17,569	45,322	7	42	47	-1	-1	1	0
H0224	Betsy Johnson Regional Hospital	Harnett	1,194	2,976	0	0	4	0	0	0	0
	Good Hope Hospital (closed effective 4.11.2006)	Harnett	0	0	0	0	0	0	0	3	
	Harnett Health System - Central Campus	Harnett	0	0	0	0	0	0	0	3	
	Managet D. Dandar Managet	Harnett Total	1,194	2,976	0	0	4	0	0	6	0
	Margaret R. Pardee Memorial	Henderson	1,924	4,980	0		10	0	0	0	0
	Hospital Park Ridge Hospital	Henderson	1,924	4,980 4,848	0	0	10 6	0	0	0	1
110019	raik Niuge Hospilai	Henderson	,			-			J,	_	1
		Total	2,977	9,828	0	0	16	0	0	0	1

		Counties	with one facili	ty shown first	, followed	by counties v	with more	than one fa	cility.		
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR
H0248	Davis Regional Medical Center	Iradall	902	2,056	1	0	5	-1	0	0	0
110240	Iredell Head Neck and Ear	nedeli	902	2,030	- '	0	3	-1	0	0	0
AS0042	Ambulatory Surgery Center	Iredell	0	614	0	1	0	0	0	0	0
H0164		Iredell	2,081	4,035	1	0	_		0		_
		Iredell	2,001	1,466	0						· · ·
7.0000	Lake Norman Regional Medical			.,							
H0259		Iredell	1,509	3,438	1	0	7	-1	0	0	0
	The Surgical Center at Lake		1,000	3, .55	•	-					
AS0001	Norman	Iredell	0	2,257	0	2	0	0	0	0	0
		Iredell Total	4,492	13,866	3		22	-3	0	0	0
	Central Carolina Ambulatory			,							
		Lee	0	0	0	0	0	0	0	2	
H0243	Central Carolina Hospital	Lee	942	3,124	1	0	5	-1	0	0	0
	·	Lee Total	942	3,124	1	0			0	2	0
H0034	Angel Medical Center	Macon	199	1,167	1	0	4	-1	0	0	0
H0193		Macon	50	381	0	0	2	0	0	0	0
		Macon Total	249	1,548	1	0	6	-1	0	0	0
	Carolina Surgery Center -										
AS0058	Wendover (formerly Edgehill)	Mecklenburg	0	1,159	0	2	0	0	0	0	0
	Carolina Medical Center /										
H0071	Center for Mental Health	Mecklenburg	15,762	15,221	10	11	22	-4	-1	4	0
	Carolinas Medical Center -										
H0042	Mercy and Pineville	Mecklenburg	4,018	9,946	3	0	18	-2	0	6	0
	Carolinas Medical Center -										
H0255		Mecklenburg	1,106	6,309	1	4	9	-1	0	-2	0
	Carolinas Surgery Center -										
AS0064	Randolph	Mecklenburg	0	1,121	0	8	0	0	0	-8	0
	Charlotte Surgery Center										
	(formerly HealthSouth Surgery										
AS0026		Mecklenburg	0	7,833	0		0		0	0	_
		Mecklenburg	0	0	0					_	
H0010	Presbyterian Hospital	Mecklenburg	6,001	17,884	6	2	26	-3	0	4	0
	Presbyterian Hospital			_							
H0282		Mecklenburg	1,070	4,477	1	0	4	-1	0	0	0
	Presbyterian Hospital										
H0270	Matthews	Mecklenburg	1,412	5,155	2	0	8	-2	0	-2	0
	December of the Control of the Control	NA Lila - L		_	_	_		_	_		
		Mecklenburg	0	0	0	0	0	0	0	4	1
110054	Presbyterian Orthopaedic	Maaldasts	0.750	0.007	^	_	4.0	_	•	_	_
H0251	Hospital	Mecklenburg	2,758	3,867	0	0	12	0	0	-9	0

		Counties	with one facilit	y shown first	, followed	by counties v	with more	than one fa	cility.		
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR
	Presbyterian Same Day		·								
	Surgery Center Huntersville										
AS0124		Mecklenburg	0	0	0	2	0	0	0	0	0
	Same Day Surgery Center at										
		Mecklenburg	0	1,022	0		0	,	0	-	
AS0068		Mecklenburg	0	8,730	0	6	0	0	0	0	0
		Mecklenburg									
		Total	32,127	82,724	23	44	99	-13	-1	-1	1
110400	FirstHealth Moore Regional	M	0.054	4.070	0	4	40	0	0	2	
H0100	Hospital The Eye Surgery Center of the	Moore	6,054	4,270	2	4	10	0	0		0
	Carolinas (formerly Health- South Surgery Center of										
	/	Moore	0	7,472	0					~	
AS0069		Moore	0	4,803	0	-	_		0		0
		Moore Total	6,054	16,545	2		10	0	0		. 0
AS0103		New Hanover	0	2,314	0	4	0	0	0	0	0
H0221		New Hanover	9,661	18,100	5	5	20	-3	-1	2	0
	Same Day Surgery Center New										
		New Hanover	0	0	0	0	0	-	0	2	
AS0055	Wilmington SurgCare	New Hanover	0	8,071	0	7	0	0	0	0	0
		New Hanover Total	9,661	28,485	5	16	20	-3	-1	4	0
AS0010		Orange	0	955	0				0	0	0
	University of North Carolina	<u> </u>									
H0157	Hospitals	Orange	11,061	15,138	6	4	29	-3	-2	4	0
		Orange Total	11,061	16,093	6	7	29	-3	-2	4	0
H0104		Pitt	10,668	8,632	7	0	26	-4	-1	0	0
AS0012	SurgiCenter of Eastern Carolina	Pitt	0	12,062	0				0	0	0
		Pitt Total	10,668	20,694	7	10	26	-4	-1	0	0

		Counties	with one facilit	y shown first	t, followed	by counties v	with more	than one fa	cility.		
Lic#	Equility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON	CON Adjustments for Dedicated C-Section OR
H0013	Facility Name Randolph Hospital	Randolph	1,168	3,130		ORS 0				Adjustments 0	
H0013	Central Piedmont Surgery Center	Randolph	0	0			0		0	2	J
		Randolph Total	1,168	3,130	1	0	5	-1	0	2	0
H0158	FirstHealth Richmond	Richmond	384	878	1	0			0		
H0265	Sandhills Regional Medical Center	Richmond	318	832	0	0	3	0	0	0	0
	_	Richmond Total	702	1,710	1	0			0		
H0023	Annie Penn Hospital	Rockingham	452	1,693					0		_
H0072		Rockingham Rockingham Total	786 1,238	1,858 3,551	1	0		-1 -1	0	_	
H0049		Surry	1,174	2,332	1	0	5	-1	0	0	0
H0184	, ,	Surry	970	2,388	1 2	0	4 9	-1 -2	0	0	-
H0050	Carolinas Medical Center - Union	Surry Total Union	2,144	4,720 5,470				0			0
	Presbyterian Surgery Center - Monroe (licensed 1.20.09)	Union	0	162	0	1	0	0	0	v	
	Union West ASC	Union Total	0 1,659	0 5,632	0	-	0	0		_	
		Wake	0	0	0	0	0	0	0	4	0
H0238	Duke Health Raleigh Hospital Blue Ridge Surgery Center (formerly HealthSouth Blue	Wake	3,004	10,817	0	0	13	0	0	0	0
AS0029		Wake	0	5,904	0	6	0	0	0	0	0

		Counties	with one facili	ty shown first	, followed	by counties v	with more	than one fa	cility.		
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR
A C 0 0 2 4	Dalaigh Plantia Curgony Contar	Moko	0	076	0	4	0	0	0		
	Raleigh Plastic Surgery Center Raleigh Women's Health	vvake	0	276	0	1	0	0	U	C	U
	•	Wake	0	2,170	0	2	0	0	0		0
		Wake	8,799	24,567	3	7	24	-3	0	_	•
		Wake	0,799	24,507		0			-		
	Southern Eye Associates	vvaico	-				J		0	7	
AS0048		Wake	0	515	0	2	0	0	0	C	0
7100010	WakeMed Raleigh Surgery	Traito		0.0		_	J		•		
		Wake	0	0	0	0	0	0	0	8	0
		Wake	1,947	7,273	2	0	9	-2	0	C	0
		Wake	7,839	13,177	7	4	18	-3		-4	1
	2010 Wake SMFP Need		,	,							
	Determination	Wake	0	0	0	0	0	0	0	3	0
		Wake Total	21,589	64,699	12	22	64	-8	-1	11	1
H0160	Blowing Rock Hospital	Watauga	0	0	0	0	1	0	0	C	0
H0077		Watauga	985	3,449	1	0	6	-1	0	C	0
		Watauga								,	'
		Total	985	3,449	1	0	7	-1	0	C	0
	Wayne Ambulatory Surgery										
		Wayne	0	0	0	0		0	0		
H0257	Wayne Memorial Hospital	Wayne	3,435	8,186	1	2	10	-1	0	-2	0
		Wayne Total	3,435	8,186	1	2	10	-1	0	1	0
	Wilkes Regional Medical										
		Wilkes	626	2,234	1	0	4	-1	0	C	0
	Wilkes Regional Medical										
AS0046	<u> </u>	Wilkes	0	412	0	1	0	0	0	C	_
		Wilkes Total	626	2,646	1	1	4	-1	0	C	C

	Counties with one facility shown first, followed by counties with more than one facility.												
Lic#	Facility Name	County	Inpatient Cases (Dedicated C-Section OR Cases Excluded)	Ambulatory Cases	Inpatient ORs	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section OR		
	Eastern Regional Surgical		•							•			
	Center (formerly HealthSouth												
AS0005	Surgecenter of Wilson)	Wilson	0	1,453	0	4	0	0	0	0	0		
H0210	Wilson Medical Center	Wilson	1,551	2,764	1	0	9	-1	0	0	0		
AS0007	Wilson OB-GYN	Wilson	0	400	0	1	0	0	0	0	0		
		Wilson Total	1,551	4,617	1	5	9	-1	0	0	0		
		Grand Total	263,195	653,627	160	289	862	-89	-11	50	4		

	!!!== -! F= -!!!d	
	ilized Facilities:	
Exclude	d from Need Determinations	
	Pungo District Hospital	
H0002	Corporation	Beaufort
AS0062	Cleveland Ambulatory Services	Cleveland
AS0053	RMS Surgery Center	Dare
	Plastic Surgery Center Of	
AS0021	North Carolina	Forsyth
AS0050	Iredell Surgical Center	Iredell
H0034	Angel Medical Center	Macon
H0193	Highlands-Cashiers Hospital	Macon
AS0010	Chapel Hill Surgical Center	Orange
H0069	Swain County Hospital	Swain
AS0034	Raleigh Plastic Surgery Center	Wake
	Southern Eye Associates	
AS0048	Ophthalmic Surgery Center	Wake
H0160	Blowing Rock Hospital	Watauga
	Wilkes Regional Medical	
	Center Ambulatory Surgery	
AS0046	Facility	Wilkes
	Surgecenter of Wilson (X	
	HealthSouth Surgecenter of	
AS0005	Wilson)	Wilson
AS0007	Wilson OB-GYN	Wilson

Table 6B: Projected Operating Room Need for 2013

Δ	В	С	D	E	F	G	Н	1	J	K	L
						Ŭ			•		_
Operating Room Service Areas (Multi- County Groupings and Single Counties. Multi- County Groupings First, Followed by Single Counties.)	2009 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 Hours)	Estimated Inpatient Hours	2009 Ambulatory Cases	Ambulatory Case Time Standard (1.5 Hours)	Estimated Ambulatory Hours	Total Estimated Hours (D+G)	Growth Factor 2009-2013 (Population Change Rate)	Projected Surgical Hours: 2013	Standard Hours per OR per Year (9/260/80%)	Projected ORs Needed in 2013
Beaufort	824	3.0	2,472	2,407	1.5	3,611	6,083	1.69%	6,185.54	1872	3.30
Hyde	0	3.0	0	0	1.5	0	0	-1.60%	0.00	1872	0.00
Beaufort Hyde	824	3.0	2.472	2,407	1.5	2 611	6,083	1 260/	6 165 11	1872	3.29
Total Buncombe	12,992	3.0	2,472 38,976	28,689	1.5 1.5	3,611 43,034	82,010	1.36% 4.59%	6,165.11 85,776.35	1872	
Madison	12,992	3.0	30,970	20,009	1.5	43,034	02,010	2.49%	0.00	1872	
Yancey	0	3.0	0	0	1.5	0	0	2.43%	0.00	1872	
Buncombe Madison Yancey Total	12,992	3.0	38,976	28,689	1.5	43,034	82,010	4.26%	85,499.27	1872	
Cherokee	470	3.0	1,410	2,346	1.5	3,519	4,929	6.08%	5,228.81	1872	2.79
Clay	0	3.0	0	0	1.5	0	0	8.90%	0.00	1872	0.00
Cherokee Clay				0.00		6 = 1	,	0.0=0	E 00= ==		
Chause	470	3.0	1,410	2,346	1.5	3,519	4,929	6.87%	5,267.56	1872	
Chowan	513	3.0	1,539 0	1,197	1.5	1,796 0	3,335	1.40% 0.05%	3,381.08	1872	
Tyrrell Chowan Tyrell	0	3.0	0	0	1.5	0	0	0.05%	0.00	1872	0.00
Total	513	3.0	1,539	1,197	1.5	1,796	3,335	1.10%	3,371.05	1872	1.80
Craven	3,520	3.0	10,560	7,973	1.5	11,960	22,520	3.15%	23,228.29	1872	12.41
Jones	0	3.0	0	0	1.5	0	0	0.03%	0.00	1872	0.00
Pamlico	0	3.0	0	0	1.5	0	0	0.24%	0.00	1872	0.00
Craven Jones Pamlico Total	3,520	3.0	10,560	7,973	1.5	11,960	22,520	2.59%	23,102.28	1872	12.34
Cumberland	6,581	3.0	19,743	22,525	1.5	33,788	53,531	4.62%	56,001.64	1872	
Hoke	0,001	3.0	0	0	1.5	0	0	10.39%	0.00	1872	
Cumberland Hoke Total	6,581	3.0	19,743	22,525	1.5	33,788	53,531	4.96%	56,183.32	1872	
Halifax	1,609	3.0	4,827	2,598	1.5	3,897	8,724	-1.17%	8,622.34	1872	
Northampton	0	3.0	0	0	1.5	0	0	-0.85%	0.00	1872	
Halifax			4.007	2.500		2 007	0.704				
Northampton Total Jackson	1,609 979	3.0	4,827 2,937	2,598 4,339	1.5 1.5	3,897 6,509	8,724 9,446	-1.08% 5.10%	8,629.98 9,927.48	1872 1872	
Graham	0	3.0	2,937	4,339	1.5	0,309	9,440	2.46%	0.00	1872	0.00
Swain	0	3.0	0	0	1.5	0	0	6.74%	0.00	1872	0.00
Jackson Graham Swain Total	979	3.0	2,937	4,339	1.5	6,509	9,446	5.11%	9,928.60	1872	
Moore	6,054	3.0	18,162	16,545	1.5	24,818	42,980	6.45%	45,749.80	1872	
Hoke	0,034	3.0	0	0	1.5	24,010	0	10.39%	0.00	1872	
Moore Hoke Total	6,054	3.0	18,162	16,545	1.5	24,818	42,980	7.15%	46,054.37	1872	
Pasquotank	1,220	3.0	3,660	4,254	1.5	6,381	10,041	0.29%	10,070.37	1872	
Camden	0	3.0	0	0	1.5	0		-0.94%	0.00	1872	
Currituck	0	3.0	0	0	1.5	0	0	-4.86%	0.00	1872	
Gates	0		0	0	1.5	0	0	4.37%	0.00	1872	
Perquimans Pasquotank Camden Currituck Gates Perquimans	0	3.0	0	0	1.5	0	0	4.04%	0.00	1872	0.00
Total	1,220	3.0	3,660	4,254	1.5	6,381	10,041	-0.08%	10,032.92	1872	5.36
Person	692	3.0	2,076	2,556	1.5	3,834	5,910	3.11%	6,093.60	1872	
Caswell	0	3.0	0	0	1.5	0	0	-1.27%	0.00	1872	
Person Caswell Total	692		2,076	2,556	1.5	3,834	5,910	1.44%	5,995.39	1872	
Pitt	10,668	3.0	32,004	20,694	1.5	31,041	63,045	8.37%	68,320.78		
Greene Pitt Greene Total	10,668	3.0	32,004	20,694	1.5	31,041	63,045	3.49% 7.79%	0.00 67,955.44	1872	
Vance	739	3.0	2,217	1,953	1.5	2,930	5,147	-0.04%	5,144.38	1872	
Warren Vance Warren	0	3.0	0	0	1.5	2,930	0	-1.27%	0.00	1872	
Total	739	3.0	2,217	1,953	1.5	2929.5	5,147	-0.43%	5124.55	1872	2.74

Table 6B: Projected Operating Room Need for 2013

A	М	N	0	P	Q	R	S	T	U
Operating Room Service Areas (Multi- County Groupings and Single Counties. Multi- County Groupings	Number of Inpatient	Number of Ambulatory	Number of Shared	Excluded Dedicated	Exclusion of One Operating Room for each Level I and II Trauma	Adjustments: CONs Issued, Settlement Agreements,	Adjusted	Projected Operating Room Deficit or Surplus	Projected Need for New
First, Followed by Single Counties.)	Operating Rooms	Operating Rooms	Operating Rooms	C-Section Rooms	Center and Burn Unit	Previous Need	Planning Inventory	(Surplus shows as a "-")	Operating Rooms
Beaufort	1	0	5	-1	0	0		-1.70	
Hyde Beaufort Hyde	0	0	0	0	0	0	0	0.00	
Total	1	0	5	-1	0	0	5	-1.71	0
Buncombe	21	19	9	-2	-1	4	50	-4.18	
Madison	0	0	0	0	0	0	0	0.00	
Yancey	0	0	0	0	0	0	0	0.00	
Buncombe Madison Yancey	24	40		2			50	4.22	
Total	21	19	9	-2 0	-1 0	0	50 4	-4.33 -1.21	0
Cherokee Clay	0		0	0	0	0		0.00	
Cherokee Clay Total	0	0	4	0	0	0		-1.19	0
Chowan	0		3	0	0			-1.19	
Tyrrell	0		0	0	0	0		0.00	
Chowan Tyrell Total	0	0	3	0	0	0	3	-1.20	0
Craven	3		9	-1	0			-4.59	
Jones	0	0	0	0	0	0	0	0.00	
Pamlico Craven Jones	0	0	0	0	0	0	0	0.00	
Pamlico Total	3	6	9	-1	0	0		-4.66	0
Cumberland Hoke	5 0	11 0	17 0	-3 0	0	0	31	-1.08 0.00	
Cumberland Hoke Total	5		17	-3	0	1	31	-0.99	0
Halifax	0	0	6	0	0	0		-1.39	
Northampton	0	0	0	0	0	0	0	0.00	
Halifax Northampton Total	0	0	6	0	0	0	6	-1.39	0
Jackson	0		6	0	0			-0.70	
Graham	0		0	0	0			0.00	
Swain Jackson Graham Swain	0	0	0	0	0	0	0	0.00	
Total	0	0	6	0	0	0		-0.70	0
Moore Hoke	0	13 0	10 0	0	0	2	27 0	-2.56 0.00	
Moore Hoke Total	2		10	0	0	2		-2.40	0
Pasquotank	2	0	8	-2	0	0		-2.62	
Camden	0	0	0	0	0	0	0	0.00	
Currituck	0	0	0	0	0	0	0	0.00	
Gates	0	0	0	0	0	0	0	0.00	
Perquimans Pasquotank	0	0	0	0	0	0	0	0.00	
Camden Currituck Gates Perquimans Total	2	0	8	-2	0	0	8	-2.64	0
Person	1	0	4	-1	0	0	4	-0.74	
Caswell	0	0	0	0	0	0	0	0.00	
Person Caswell Total	1	0	4	-1	0			-0.80	0
Pitt	7	10	26	-4	-1	0		-1.50	
Greene Pitt Greene	0	0	0	0	0	0	0	0.00	
Total	7	10	26	-4	-1	0	38	-1.70	0
Vance	0		5	0		1		-2.25	
Warren	0	0	0	0	0	0	0	0.00	
Vance Warren Total	0	0	5	0	0	0	5	-2.26	0

Table 6B: Projected Operating Room Need for 2013

	E	F	G	Н	I	J	K	L
Single Counties.) exclusions) (3 Hours) Hours	2009 Ambulatory Cases	Ambulatory Case Time Standard (1.5 Hours)	Estimated Ambulatory Hours	Total Estimated Hours (D+G)	Growth Factor 2009-2013 (Population Change Rate)	Projected Surgical Hours: 2013	Standard Hours per OR per Year (9/260/80%)	Projected ORs Needed in 2013
Alamance 2,030 3.0 6,090	7,274	1.5	10,911	17,001	5.20%	17,885.13	1872	9.55
Alexander 0 3.0 0	0	1.5	0	0	3.20%	0.00	1872	
Alleghany 29 3.0 87	292	1.5	438	525	2.80%	539.68	1872	0.29
Anson 136 3.0 408	319	1.5	479	887	-0.84%	879.04	1872	0.47
Ashe 202 3.0 606	544	1.5	816	1,422	3.08%	1,465.84	1872	0.78
Avery 218 3.0 654	317	1.5	476	1,130	-0.07%	1,128.76	1872	0.60
Bertie 6 3.0 18	811	1.5	1,217	1,235	-0.78%	1,224.86	1872	0.65
Bladen 258 3.0 774	477	1.5	716	1,490	-1.55%	1,466.40	1872	0.78
Brunswick 1,208 3.0 3,624 Burke 1,469 3.0 4,407	4,255	1.5	6,383	10,007	11.79%	11,186.53	1872	5.98
Burke 1,469 3.0 4,407 Cabarrus 5,192 3.0 15,576	6,986 15,094	1.5	10,479 22,641	14,886 38,217	1.60% 11.34%	15,124.56 42,551.26	1872 1872	8.08 22.73
	2,894	1.5	·	8,673	2.05%		1872	4.73
Caldwell 1,444 3.0 4,332 Carteret 1,642 3.0 4,926	4,239	1.5	4,341 6,359	11,285	4.11%	8,850.70 11,748.27	1872	6.28
Catawba 7,015 3.0 21,045	18,405	1.5	27,608	48,653	4.11%	51,055.78	1872	27.27
Chatham 76 3.0 228	215	1.5	323	551	7.38%	591.15	1872	0.32
Cleveland 2,220 3.0 6,660	6,221	1.5	9,332	15,992	1.87%	16,290.94	1872	8.70
Columbus 1,369 3.0 4,107	3,206	1.5	4,809	8,916	1.80%	9,076.59	1872	4.85
Dare 243 3.0 729	917	1.5	1,376	2,105	-1.72%	2,068.25	1872	1.10
Davidson 1,392 3.0 4,176	5,426	1.5	8,139	12,315	4.45%	12,863.52	1872	6.87
Davie 7 3.0 21	184	1.5	276	297	6.40%	316.00	1872	0.17
Duplin 598 3.0 1,794	1,135	1.5	1,703	3,497	3.23%	3,609.46	1872	1.93
Durham 22,310 3.0 66,930	33,339	1.5	50,009	116,939	8.27%	126,613.78	1872	67.64
Edgecombe 764 3.0 2,292	1,225	1.5	1,838	4,130	-0.26%	4,118.56	1872	
Forsyth 24,632 3.0 73,896	42,184	1.5	63,276	137,172	6.52%	146,111.09	1872	78.05
Franklin 151 3.0 453	834	1.5	1,251	1,704	7.43%	1,830.56	1872	0.98
Gaston 3,971 3.0 11,913	13,854	1.5	20,781	32,694	4.17%	34,058.89	1872	18.19
Granville 613 3.0 1,839	1,988	1.5	2,982	4,821	3.64%	4,996.42	1872	2.67
Guilford 17,569 3.0 52,707	45,322	1.5	67,983	120,690	6.26%	128,242.16	1872	68.51
Harnett 1,194 3.0 3,582	2,976	1.5	4,464	8,046	11.77%	8,993.15	1872	4.80
Haywood 1,525 3.0 4,575	2,948	1.5	4,422	8,997	2.62%	9,232.92	1872	4.93
Henderson 2,977 3.0 8,931	9,828	1.5	14,742	23,673	7.00%	25,330.96	1872	13.53
Hertford 779 3.0 2,337	1,785	1.5	2,678	5,015	-0.11%	5,009.06	1872	2.68
Iredell 4,492 3.0 13,476	12,400	1.5	18,600	32,076	6.56%	34,180.23	1872	18.26
Johnston 2,040 3.0 6,120	3,890	1.5	5,835	11,955	12.79%	13,484.00	1872	7.20
Lee 942 3.0 2,826	3,124	1.5	4,686	7,512	5.69%	7,939.07	1872	4.24
Lenoir 1,791 3.0 5,373	2,948	1.5	4,422	9,795	-1.66%	9,632.41	1872	5.15
Lincoln 741 3.0 2,223	1,794	1.5	2,691	4,914	6.63%	5,239.60	1872	2.80
Macon 0 3.0 0	793	1.5	1 175	0	6.85%	0.00	1872	0.00
Martin 420 3.0 1,260 McDowell 554 3.0 1,662	783 1,288	1.5 1.5	1,175 1,932	2,435 3,594	-1.01% 2.51%	2,409.81 3,684.03	1872 1872	1.29 1.97
Mecklenburg 32,127 3.0 96,381	82,724	1.5	124.086	220,467	6.73%	235,299.71	1872	
Mitchell 379 3.0 1,137	762	1.5	1,143	2,280	1.68%	2,318.25	1872	
Montgomery 41 3.0 123	123	1.5	1,143	308	2.03%	313.73	1872	
Nash 2,223 3.0 6,669	7,226	1.5	10,839	17,508	5.30%	18,436.45	1872	
New Hanover 9,661 3.0 28,983	28,485	1.5	42,728	71,711	4.31%	74,804.30	1872	
Onslow 1,308 3.0 3,924	3,864	1.5	5,796	9,720	6.74%	10,375.41	1872	
Orange 11,061 3.0 33,183	15,138	1.5	22,707	55,890	4.68%	58,503.57	1872	
Pender 64 3.0 192	343	1.5	515	707	11.26%	786.05	1872	
Polk 336 3.0 1,008	720	1.5	1,080	2,088	3.57%	2,162.48	1872	
Randolph 1,168 3.0 3,504	3,130	1.5	4,695	8,199	4.62%	8,577.95	1872	
Richmond 702 3.0 2,106	1,710	1.5	2,565	4,671	0.39%	4,689.04	1872	
Robeson 2,063 3.0 6,189	4,560	1.5	6,840	13,029	3.11%	13,434.37	1872	7.18
Rockingham 1,238 3.0 3,714	3,551	1.5	5,327	9,041	0.69%	9,102.69	1872	4.86
Rowan 2,745 3.0 8,235	8,834	1.5	13,251	21,486	3.62%	22,263.22	1872	11.89
Rutherford 1,426 3.0 4,278	2,223	1.5	3,335	7,613	1.83%	7,751.91	1872	4.14

Table 6B: Projected Operating Room Need for 2013

Α	М	N	0	P	Q	R	S	T	U
Operating Room Service Areas (Multi- County Groupings and Single Counties. Multi- County Groupings First, Followed by Single Counties.)	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms	Excluded Dedicated C-Section Rooms	Exclusion of One Operating Room for each Level I and II Trauma Center and Burn Unit	Adjustments: CONs Issued, Settlement Agreements, Previous Need	Adjusted Planning Inventory	Projected Operating Room Deficit or Surplus (Surplus shows as a "-")	Projected Need for New Operating Rooms
Alamance	2	3	9	-2	0	0	12	-2.45	0
Alexander	0			0		0	2	-2.00	0
Alleghany Anson	0	0	2	0	0	0	2	-1.71	0
Anson	0	0	2	0	0	0	2	-1.53 -1.22	0
Avery	0		2	0	0	0	2	-1.40	0
Bertie	0	0	2	0	0	0	2	-1.35	0
Bladen	0		2	0	0	0	2	-1.22	0
Brunswick	1	0	5	-1	0	1	6	-0.02	0
Burke	1	2	9	-1	0	0	11	-2.92	0
Cabarrus	4	6	17	-2	0	0	25	-2.27	0
Caldwell	1	3	4	-1	0	0	7	-2.27	0
Carteret	1	2	5	-1	0	0	7	-0.72	0
Catawba	3	8	27	-1	0	0	37	-9.73	0
Chatham	0	0	2	0	0	0	2	-1.68	0
Cleveland	1	2	8	-1	0	0	10	-1.30	0
Columbus	1	0	4	-1	0	1	5	-0.15	1
Dare	1	0	2	-1	0	0	2	-0.90	0
Davidson	1	0	9	-1	0	0	9	-2.13	0
Davie	0		2	0	0	0	2	-1.83	0
Duplin	0		3	0	0	0	3	-1.07	0
Durham	7	17	48	-2	-1	4	73	-5.36	0
Edgecombe	1	0	5	-1	0	0	5	-2.80	0
Forsyth	9	6	68	-2	-2	4	83	-4.95	0
Franklin	0		3	0		1	4	-3.02	0
Gaston	5	14	9	-4	0	0	24	-5.81	0
Granville	7		3	0		0	3	-0.33	0
Guilford Harnett	0	42	47	-1 0	-1 0	6	95 10	-26.49 -5.20	0
Haywood	0	0	7	0	0	0	7	-2.07	0
Henderson	0	0	16	0	0	0	16	-2.47	0
Hertford	1	0	5	-1	0	0	5	-2.47	0
Iredell	3		22	-3	0	0	25	-6.74	0
Johnston	1	2	5	-1	0	1	8	-0.80	0
Lee	1	0	5	-1	0	2	7	-2.76	0
Lenoir	1	0	9	-1	0	0	9	-3.85	0
Lincoln	1	0	4	-1	0	0	4	-1.20	0
Macon	0	0	0	0	0	0	0	0.00	0
Martin	0	0	2	0	0	0	2	-0.71	0
McDowell	1	0	3	-1	0	0	3	-1.03	0
Mecklenburg	23	44	99	-13	-1	-3	149	-23.31	0
Mitchell	0	0	3	0	0	0	3	-1.76	0
Montgomery	0	0	2	0	0	0	2	-1.83	0
Nash	1	0		-1	0	0	13	-3.15	0
New Hanover	5	16	20	-3	-1	4	41	-1.04	
Onslow	1	4	5	-1	0		9	-3.46	
Orange	6		29	-3	-2	4	38	-6.75	
Pender	0		2	0		0	2	-1.58	
Polk	0		3	0		0	3	-1.84	0
Randolph	1	0	5	-1	0	2	7	-2.42	C
Richmond	1	0	6	-1	0	0	6	-3.50	C
Robeson	1	0	9	0			10	-2.82	
Rockingham	1	0	9	-1	0	0	9	-4.14	C
Rowan	2		8	-2	0	0	11	0.89	
Rutherford	0	0	5	0	0	0	5	-0.86	(

Table 6B: Projected Operating Room Need for 2013

Α	В	С	D	Ε	F	G	Н	1	J	K	L
Operating Room Service Areas (Multi- County Groupings and Single Counties. Multi- County Groupings First, Followed by Single Counties.)	2009 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 Hours)	Estimated Inpatient Hours	2009 Ambulatory Cases	Ambulatory Case Time Standard (1.5 Hours)	Estimated Ambulatory Hours	Total Estimated Hours (D+G)	Growth Factor 2009-2013 (Population Change Rate)	Projected Surgical Hours: 2013	Standard Hours per OR per Year (9/260/80%)	Projected ORs Needed in 2013
Sampson	731	3.0	2,193	1,444	1.5	2,166	4,359	3.22%	4,499.53	1872	2.40
Scotland	1,107	3.0	3,321	2,988	1.5	4,482	7,803	0.02%	7,804.27	1872	4.17
Stanly	1,004	3.0	3,012	2,662	1.5	3,993	7,005	2.40%	7,173.44	1872	3.83
Stokes	0	3.0	0	297	1.5	446	446	1.34%	451.49	1872	0.24
Surry	2,144	3.0	6,432	4,720	1.5	7,080	13,512	2.61%	13,864.21	1872	7.41
Transylvania	450	3.0	1,350	1,940	1.5	2,910	4,260	3.43%	4,406.18	1872	2.35
Union	1,659	3.0	4,977	5,632	1.5	8,448	13,425	9.95%	14,761.01	1872	7.89
Wake	21,589	3.0	64,767	63,908	1.5	95,862	160,629	12.41%	180,564.76	1872	96.46
Washington	15	3.0	45	337	1.5	506	551	-1.32%	543.22	1872	0.29
Watauga	985	3.0	2,955	3,449	1.5	5,174	8,129	3.23%	8,390.71	1872	4.48
Wayne	3,435	3.0	10,305	8,186	1.5	12,279	22,584	1.38%	22,896.30	1872	12.23
Wilkes	626	3.0	1,878	2,234	1.5	3,351	5,229	0.72%	5,266.71	1872	2.81
Wilson	1,551	3.0	4,653	2,764	1.5	4,146	8,799	3.45%	9,102.48	1872	4.86
Yadkin	1	3.0	3	480	1.5	720	723	1.30%	732.42	1872	0.39
Grand Totals	262,919		788,757	644,231		966,347	1,755,104	5.86%	1,864,036		996

Table 6B: Projected Operating Room Need for 2013

A	М	N	0	P	Q	R	S	T	U
Operating Room Service Areas (Multi- County Groupings and Single Counties. Multi- County Groupings First, Followed by Single Counties.)	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms	Excluded Dedicated C-Section Rooms	Exclusion of One Operating Room for each Level I and II Trauma Center and Burn Unit	Adjustments: CONs Issued, Settlement Agreements, Previous Need	Adjusted Planning Inventory	Projected Operating Room Deficit or Surplus (Surplus shows as a "-")	Projected Need for New Operating Rooms
Sampson	0	0	8	0	0	0	8	-5.60	0
Scotland	1	0	5	-1	0	0	5	-0.83	0
Stanly	1	0	5	-1	0	0	5	-1.17	0
Stokes	0	2	2	0	0	0	4	-3.76	0
Surry	2	0	9	-2	0	0	9	-1.59	0
Transylvania	0	0	4	0	0	0	4	-1.65	0
Union	0	1	7	0	0	1	9	-1.11	0
Wake	12	19	64	-8	-1	11	97	-0.54	0
Washington	0	0	2	0	0	0	2	-1.71	0
Watauga	1	0	6	-1	0	0	6	-1.52	0
Wayne	1	2	10	-1	0	1	13	-0.77	0
Wilkes	1	0	4	-1	0	0	4	-1.19	0
Wilson	1	0	9	-1	0	0	9	-4.14	0
Yadkin	0	0	2	0	0	0	2	-1.61	0
Grand Totals	159	264	852	-88	-11	48	1224	-228	2

Need Determination

Application of the standard methodology indicated need for two additional operating rooms in the Columbus and Rowan operating room service areas. In 2010, the North Carolina State Health Coordinating Council approved petitions to remove the two need determinations. The Council also approved a petition for an adjusted need determination for one operating room in Catawba County. It is determined that there is no need for any additional operating rooms anywhere else in the state and no other reviews are scheduled.

"Operating room" is defined in G.S. 131E-76(9) as "... a room used for the performance of surgical procedures requiring one or more incisions and that is required to comply with all applicable licensure codes and standards for an operating room."

Table 6C: Operating Room Need Determinations

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the operating room service areas listed in the table below need additional operating rooms as specified.

Operating Room Service Area	Operating Room Need Determination*	Certificate Of Need Application Due Date**	Certificate Of Need Beginning Review Date
Catawba County	1***	July 15, 2011	August 1, 2011
It is determined that there	is no need for additional operat	ring rooms anywhere el	lse in the state and no

other reviews are scheduled.

- Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).
- ** Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).
- *** The need determination was the result of the approval of an adjusted need determination petition.

Table 6D: Inventory for Single Specialty Ambulatory Surgery Demonstration Project

Operating Room Service Area	Provider	ORs
Charlotte Area (Mecklenburg, Cabarrus, Union counties)	2010 Need Determination	2
Triad Area (Guilford, Forsyth counties)	Piedmont Outpatient Surgery Center	2
Triangle Area (Wake, Durham, Orange counties)	2010 Need Determination	2

The North Carolina 2010 State Medical Facilities Plan included need determinations for a Single Specialty Ambulatory Surgery Demonstration Project, consisting of three facilities with two operating rooms each to be located in the Charlotte Area (Mecklenburg, Cabarrus, Union counties), Triad Area (Guilford, Forsyth counties), and the Triangle Area (Wake, Durham, Orange counties). On 9/28/2010, CON # G-008477-10 was awarded to Piedmont Outpatient Surgery Center LLC and Stratford Executive Associates LLC to develop a single-specialty ENT ambulatory surgical facility in the Triad Area.

Inventory of Endoscopy Rooms in Licensed Facilities

With the change in legislation which occurred in August 2005 (Session Law 2005-346), endoscopy rooms in licensed facilities are no longer defined as "operating rooms". For information purposes only, a listing of endoscopy procedure rooms in licensed facilities is provided in Table 6E based on data from the 2010 Hospital and the 2010 Ambulatory Surgery Facility License Renewal Applications. The review schedule for endoscopy rooms in licensed facilities can be found in Chapter 3.

	Counties with one facility sl	nown first, follov	ved by counties w	rith more than or	ne facility.	
License			Endoscopy	Adjustment for	Endoscopy	Endoscopy
Number	Facility Name	County	Rooms	CONs	Cases	Procedures
H0274	Alexander Hospital	Alexander	1	0	0	0
H0082	Anson Community Hospital	Anson	1	0	282	122
	Ashe Memorial Hospital					
H0099	(facility did not report procedures)	Ashe	1	0	552	0
	Charles A. Cannon, Jr. Memorial					
H0037	Hospital	Avery	1	0	511	511
H0188	Beaufort County Hospital	Beaufort	1	0	2,066	2,269
H0061	Caldwell Memorial Hospital	Caldwell	2	0	1,938	760
H0007	Chatham Hospital	Chatham	1	0	562	684
H0239	Murphy Medical Center	Cherokee	2	0	1,562	1,915
H0063	Chowan Hospital	Chowan	1	0	551	623
	Columbus Regional Healthcare					
H0045	System	Columbus	2	1	2,681	3,777
H0273	The Outer Banks Hospital	Dare	2	0	261	261
H0171	Davie County Hospital	Davie	1	0	223	264
H0261	Franklin Regional Medical Center	Franklin	1	0	792	899
H0098	Granville Medical Center	Granville	1	0	688	810
H0230	Halifax Regional Medical Center	Halifax	1	0	694	1,210
H0224	Betsy Johnson Regional Hospital	Harnett	2	0	2,020	4,163
H0025	Haywood Regional Medical Center	Haywood	3	0	0	0
H0001	Roanoke-Chowan Hospital	Hertford	1	0	774	839
H0087	Harris Regional Hospital	Jackson	1	0	1,839	2,403
H0151	Johnston Memorial Hospital	Johnston	2	0	2,909	3,410
H0225	Lincoln Medical Center	Lincoln	2	0	1,232	1,271
H0078	Martin General Hospital	Martin	1	0	427	542
H0169	Spruce Pine Community Hospital	Mitchell	1	0	856	942
H0157	University of North Carolina Hospitals	Orange	9	0	12,766	12,971
H0054	Albemarle Hospital	Pasquotank	3		3,001	3,001
H0115	Pender Memorial Hospital	Pender	1	0	384	407
H0039	Rutherford Hospital	Rutherford	2	0	2,933	2,933
H0107	Scotland Memorial Hospital	Scotland	2	0	0	2,589
	Stanly Regional Medical Center					
H0008	(facility does not track procedures)	Stanly	2	0	1,104	0

	Counties with one facility s	nown first, followed				
License			Endoscopy	Adjustment for	Endoscopy	Endoscopy
Number	Facility Name	County	Rooms	CONs	Cases	Procedures
H0165	Stokes-Reynolds Memorial Hospital	Stokes	1	0	303	37
H0069	Swain County Hospital	Swain	1	0	160	16:
H0111	Transylvania Community Hospital	Transylvania	2	0	1,036	1,268
H0267	Maria Parham Hospital	Vance	2	0	3,748	4,31
H0153	Wilkes Regional Medical Center	Wilkes	2	0	1,580	1,699
H0155	Hoots Memorial Hospital	Yadkin	1	0	154	173
		Counties with More Th	an One Facility			
H0272	Alamance Regional Medical Center	Alamance	4	0	6,445	8,983
	Pioneer Surgery Center	Alamance	0	1	0	(
		Alamance Total	4	1	6,445	8,983
H0250	Brunswick Community Hospital	Brunswick	2	0	1,852	1,855
H0150	J. Arthur Dosher Memorial Hospital	Brunswick	2	0	1,179	1,179
		Brunswick Total	4	0	3,031	3,034
H0036	Mission Hospitals	Buncombe	6	0	6,741	8,535
AS0051	The Endoscopy Center	Buncombe	5	0	11,129	14,982
	· · ·	Buncombe Total	11	0	17,870	23,517
	Blue Ridge HealthCare Surgery Cente	r Burke	0	1	0	(
	Carolina Digestive Care	Burke	0	2	0	(
H0062	Grace Hospital	Burke	1	-1	499	499
H0091	Valdese General Hospital	Burke	2	0	511	51 ⁻
	· ·	Burke Total	3	2	1,010	1,010
H0031	CMC-NorthEast	Cabarrus	4	2	6,040	8,75
AS0070	Gateway Ambulatory Surgery Center	Cabarrus	2	0	3,634	5,210
AS0104	Northeast Digestive Health Center	Cabarrus	3	0	2,794	3,488
		Cabarrus Total	9	2	12,468	17,45
H0222	Carteret General Hospital	Carteret	2	0	913	1,104
AS0061	Carteret Surgery Center	Carteret	1	0	1,982	2,370
	,	Carteret Total	3	0	2,895	3,480
H0223	Catawba Valley Medical Center	Catawba	3	0	2,320	2,88
H0053	Frye Regional Medical Center	Catawba	2		2,093	2,129
	Gastroenterology Associates of				, , , , ,	,
AS0077	Hickory	Catawba	3	0	5,988	7,14 ⁻
		Catawba Total	8	0	10,401	12,15

	Counties with one facility s	hown first, followed	by counties w	ith more than or	ne facility.	
License			Endoscopy	Adjustment for	Endoscopy	Endoscopy
Number	Facility Name	County	Rooms	CONs	Cases	Procedures
AS0062	Cleveland Ambulatory Services	Cleveland	4	0	2,969	3,748
H0024	Cleveland Regional Medical Center	Cleveland	4	0	2,744	3,360
H0113	Kings Mountain Hospital	Cleveland	1	0	743	789
		Cleveland Total	9	0	6,456	7,897
AS0078	CCHC Endoscopy Center	Craven	3	0	4,707	5,860
H0201	CarolinaEast Medical Center	Craven	2	0	1,798	2,485
AS0096	Eastern Carolina Internal Medicine	Craven	3	0	3,395	3,410
		Craven Total	8	0	9,900	11,755
	Cape Fear Center for Digestive Diseases					
AS0123	(licensed 11.9.09)	Cumberland	2	0	0	0
H0213	Cape Fear Valley Medical Center	Cumberland	4	0	2,265	2,789
AS0006	Fayetteville Ambulatory Surgery Center	Cumberland	3	0	2,407	2,407
	Fayetteville Gastroenterology				,	
AS0071	Associates	Cumberland	4	0	8,843	9,308
H0275	Highsmith-Rainey Memorial Hospital	Cumberland	3	0	2,372	2,582
		Cumberland Total	16	0	15,887	17,086
	Digestive Health Endoscopy Center of					
	Thomasville	Davidson	0	2	0	0
H0027	Lexington Memorial Hospital	Davidson	2	0	1,635	1,869
H0112	Thomasville Medical Center	Davidson	1	0	1,275	1,344
	_	Davidson Total	3	2	2,910	3,213
H0015	Duke University Hospital	Durham	14	-4	12,628	18,973
H0233	Durham Regional Hospital	Durham	4	0	3,000	3,282
AS0085	Triangle Endoscopy Center	Durham	4	0	6,178	6,428
		Durham Total	22	-4	21,806	28,683

	Counties with one facility shown first, followed by counties with more than one facility.						
License			Endoscopy	Adjustment for	Endoscopy	Endoscopy	
Number	Facility Name	County	Rooms	CONs	Cases	Procedures	
AS0099	Digestive Health Endoscopy Center	Forsyth	2	0	7,224	7,360	
	Digestive Health Endoscopy Center of						
	Kernersville	Forsyth	0	2	0	0	
H0209	Forsyth Medical Center	Forsyth	8	-4	8,315	17,093	
	NCBH Outpatient Endoscopy Center						
AS0125	(licensed 2.4.10)	Forsyth	2	0	0	0	
H0011	North Carolina Baptist Hospitals	Forsyth	10	0	10,965	19,176	
AS0044	Piedmont Endoscopy Center	Forsyth	4	0	8,103	8,103	
	Salem Endoscopy Center-Kernersville		0	1	0	0	
AS0074	Salem Gastroenterology Associates	Forsyth	4	0	7,131	7,911	
		Forsyth Total	30	-1	41,738	59,643	
H0258	Heritage Hospital	Edgecombe	2	0	1,059	1,059	
AS0127	Tarboro Clinic	Edgecombe	1	0	0	0	
		Edgecombe Total	3	0	1,059	1,059	
	CaroMont Endoscopy Center	Gaston	0	_	0	0	
H0105	Gaston Memorial Hospital	Gaston	8	-2	10,055	11,985	
		Gaston Total	. 8	0	10,055	11,985	
AS0076	Bethany Medical Endoscopy Group	Guilford	2	0	1,974	2,410	
AS0075	Eagle Endoscopy Center	Guilford	4	0	5,760	6,384	
AS0052	LeBauer Endoscopy Center	Guilford	3	0	6,792	7,335	
	Guilford Endoscopy Center (licensed						
AS0113	5.28.08)	Guilford	2	0	2,214	2,641	
	HEALTHSOUTH Greensboro						
AS0009	Specialty Surgical Center	Guilford	0	2	0	0	
AS0059	High Point Endoscopy Center	Guilford	3	1	6,216	8,916	
H0052	High Point Regional Health System	Guilford	3	-1	2,090	2,421	
H0159	Moses Cone Health System	Guilford	8	0	6,433	7,767	
		Guilford Total	25	2	31,479	37,874	
	Carolina Mountain Gastroenterology						
AS0106	Endoscopy Center	Henderson	2	0	2,551	3,316	
U0161	Margaret P. Pardes Mamarial Hassital	Handaraan	2		2 407	4 000	
H0161	Margaret R. Pardee Memorial Hospital		3	0	3,427	4,289	
H0019	Park Ridge Hospital	Henderson	1	0	649	0	

	Counties with one facility shown first, followed by counties with more than one facility.						
License			Endoscopy	Adjustment for	Endoscopy	Endoscopy	
Number	Facility Name	County	Rooms	CONs	Cases	Procedures	
		Henderson Total	6	0	6,627	7,605	
H0248	Davis Regional Medical Center	Iredell	2	0	1,287	1,489	
H0164	Iredell Memorial Hospital	Iredell	3	0	2,506	3,412	
	Lake Norman Regional Medical						
H0259	Center	Iredell	3	0	3,340	3,340	
	Piedmont HealthCare Endoscopy						
AS0126	Center (licensed 5.11.10)	Iredell	3	0	0	0	
		Iredell Total	11	0	7,133	8,241	
H0243	Central Carolina Hospital	Lee	2	-2	762	1,640	
	Mid Carolina Gastroenterology						
AS0094	Associates	Lee	2	0	2,365	2,737	
		Lee Total	4	-2	3,127	4,377	
	Kinston Medical Specialists (licensed						
AS0122	7.29.09)	Lenoir	2	0	3,296	3,334	
H0043	Lenoir Memorial Hospital	Lenoir	2	0	1,658	1,951	
	Park Endoscopy Center (licensed						
AS0121	2.16.09)	Lenoir	2	0	2,238	2,238	
		Lenoir Total	6	0	7,192	7,523	
H0034	Angel Medical Center	Macon	2	0	848	854	
H0193	Highlands-Cashiers Hospital, Inc.	Macon	2	0	748	748	
AS0097	Western Carolina Endoscopy Center	Macon	1	0	1,253	1,604	
		Macon Total	5	0	2,849	3,206	
						,	
AS0088	Carolina Endoscopy Center - Pineville	Mecklenburg	2	0	2,617	3,379	
	Carolinas Endoscopy Center -				, .	,	
AS0108	Huntersville	Mecklenburg	2	0	2,083	2,768	
	Carolinas Gastroenterology Center -		_		,,,,,	,, ,,	
AS0081	Ballantyne (licensed 12.13.06)	Mecklenburg	4	0	2,890	3,402	

License	Counties with one facility sl	letti met, renetrea	Endoscopy	Adjustment for	Endoscopy	Endossony
Number	Facility Name	County	Rooms	CONs	Cases	Endoscopy Procedures
Number	Carolinas Gastroenterology Center -	County	Kooms	CONS	Cases	Frocedures
	Medical Center Plaza (licensed					
AS0080	12.12.06)	Mecklenburg	2	0	1,754	2,080
A30000	Carolinas Medical Center - Mercy and	Meckleriburg		U	1,734	2,000
H0042	Pineville	Mecklenburg	5	0	2,909	3,344
110042	1 Hevine	Weckleriburg	3	0	2,909	3,34-
H0255	Carolinas Medical Center - University	Mecklenburg	1	0	2,952	3,407
	Carolinas Medical Center / Center for				_,-,	-,
H0071	Mental Health	Mecklenburg	8	-1	12,984	14,36
	Charlotte Gastroenterology &			-	,	,
AS0110	Hepatology (John J. Delaney Drive)	Mecklenburg	2	0	4,667	5,628
	Charlotte Gastroenterology &	Ŭ			·	,
AS0109	Hepatology (Randolph Road)	Mecklenburg	4	0	4,169	4,941
	Endoscopy Services Center -				·	
AS0092	Billingsley Road	Mecklenburg	2	0	6,159	7,801
	Endoscopy Services Center -					
AS0089	University	Mecklenburg	2	0	2,285	3,072
	Presbyterian Endoscopy Center of					
AS0084	Huntersville	Mecklenburg	2	0	968	968
H0010	Presbyterian Hospital	Mecklenburg	9	-3	8,096	8,314
H0282	Presbyterian Hospital Huntersville	Mecklenburg	3		2,239	2,275
H0270	Presbyterian Hospital Matthews	Mecklenburg	4	-1	2,531	2,581
	Presbyterian Hospital Mint Hill	Mecklenburg	0	1	0	(
	Presbyterian SameDay Surgery					
AS0098	Center at Ballantyne	Mecklenburg	1	0	267	267
		Mecklenburg Total	53	-4	59,570	68,588
H0100	FirstHealth Moore Regional Hospital	Moore	3	-2	3,939	3,939
	Pinehurst Medical Clinic Endoscopy					
AS0073	Center	Moore	5	0	8,323	10,147
		Moore Total	8	-2	12,262	14,086
AS0105	Boice-Willis Clinic Endoscopy Center	Nash	2	0	2,259	2,609
H0228	Nash General Hospital	Nash	4		5,374	6,823
		Nash Total	6	0	7,633	9,43

	Counties with one facility sl	nown first, followed	by counties w	ith more than or	ne facility.	
License			Endoscopy	Adjustment for	Endoscopy	Endoscopy
Number	Facility Name	County	Rooms	CONs	Cases	Procedures
AS0100	Hanover Medical Specialists	New Hanover	2	0	4,494	4,494
	New Hanover Regional Medical					
H0221	Center	New Hanover	6	-2	5,273	6,943
AS0091	Wilmington Gastroenterology	New Hanover	4	0	8,405	8,983
AS0045	Wilmington Health Associates	New Hanover	3	0	2,124	3,003
AS0055	Wilmington SurgCare	New Hanover	3	0	465	547
		New Hanover Total	18	-2	20,761	23,970
	East Carolina Gastroenterology					
AS0079	Center	Onslow	1	0	1,590	1,590
H0048	Onslow Memorial Hospital	Onslow	3	0	2,007	2,237
		Onslow Total	4	0	3,597	3,827
	Atlantic Gastroenterology Endoscopy					
AS0086	Center	Pitt	2	0	3,499	3,749
	Carolina Digestive Diseases (licensed					
AS0118	1.8.09)	Pitt	2	0	3,411	3,547
	East Carolina Endoscopy Center					
AS0119	(licensed 1.22.09)	Pitt	3	0	651	780
	Gastroenterology East (licensed					
AS0117	8.21.08)	Pitt	3	0	5,657	5,657
H0104	Pitt County Memorial Hospital	Pitt	2	0	4,984	6,093
AS0060	Quadrangle Endoscopy Center	Pitt	6	0	5,623	5,828
		Pitt Total	18	0	23,825	25,654
AS0054	Asheboro Endoscopy Center	Randolph	1	0	899	1,078
H0013	Randolph Hospital	Randolph	2	0	3,016	4,105
		Randolph Total	3	0	3,915	5,183
	FirstHealth Richmond Memorial					
H0158	Hospital	Richmond	2	0	271	271
AS0083	Marlboro GI Endoscopy Center	Richmond	2	0	1,438	1,519
H0265	Sandhills Regional Medical Center	Richmond	2	0	665	712
		Richmond Total	6	0	2,374	2,502
	Robeson Digestive Diseases	Robeson	0	1	0	0
	Southeastern Gastroenterology					
AS0107	Endoscopy Center	Robeson	1	0	359	361

	Counties with one facility shown first, followed by counties with more than one facility.						
License			Endoscopy	Adjustment for	Endoscopy	Endoscopy	
Number	Facility Name	County	Rooms	CONs	Cases	Procedures	
H0064	Southeastern Regional Medical Center	r Robeson	5	0	3,795	3,897	
110001	Journal of the state of the sta	Robeson Total	6	1	4,154	4,258	
H0023	Annie Penn Hospital	Rockingham	2	0	1,990	2,564	
H0072	Morehead Memorial Hospital	Rockingham	2	0	2,383	2,383	
110012	moremoda memeriai ricepitai	Rockingham Total	4	0	4,373	4,947	
H0040	Rowan Regional Medical Center	Rowan	4	-1	3,334	2,873	
110010	Rowan Endoscopy Center	Rowan	0	1	0,001	2,8.8	
	The state of the s	Rowan Total	4	0	3,334	2,873	
H0184	Northern Hospital of Surry County	Surry	2	0	2,393	2,427	
H0049	Hugh Chatham Hospital	Surry	3	0	664	808	
	- Tagir Originali Fiospila	Surry Total	5	0	3,057	3,235	
AS0090	Carolina Endoscopy Center - Monroe	Union	2	0	2,435	3,365	
H0050	Union Regional Medical Center	Union	2	0	2,085	2,388	
		Union Total	4	0	4,520	5,753	
	Center for Digestive Diseases and				,	,	
AS0072	Cary Endoscopy Center	Wake	3	0	0	2,782	
	Duke GI at Brier Creek (licensed					,	
AS0115	6.20.08)	Wake	2	0	2,451	2,782	
H0238	Duke Health Raleigh Hospital	Wake	3		2,431	3,234	
	GastroIntestinal Healthcare (licensed				, -	-, -	
AS0116	5.27.08)	Wake	2	0	2,659	2,783	
	Kurt G. Vernon, M.D.	Wake	0		, 0	0	
AS0056	Raleigh Endoscopy Center	Wake	4	0	9,281	9,281	
AS0102	Raleigh Endoscopy Center - Cary	Wake	4	0	8,482	8,284	
AS0082	Raleigh Endoscopy Center - North	Wake	3	0	5,844	5,844	
	Wake Endoscopy Center (formerly				·	,	
AS0111	Raleigh Medical Group)	Wake	3	0	6,185	6,939	
H0065	Rex Hospital	Wake	4	0	6,129	7,027	
	Wake Forest Endoscopy Center	Wake		2	0	0	
AS0093	Triangle Gastroenterology	Wake	2	0	4,760	4,760	
H0276	WakeMed Cary Hospital	Wake	4	0	3,200	3,823	
H0199	WakeMed Raleigh Campus	Wake	6	0	4,214	5,169	

Table 6E: Endoscopy Room Inventory (Case and Procedure Data for 10/01/08 through 9/30/09 as reported on the 2010 Hospital and Ambulatory Surgical Facility License Renewal Applications)

	Counties with one facility shown first, followed by counties with more than one facility.												
License			Endoscopy	Adjustment for	Endoscopy	Endoscopy							
Number	Facility Name	County	Rooms	CONs	Cases	Procedures							
		Wake Total	40	3	55,636	62,708							
AS0095	Appalachian Gastroenterology	Watauga	2	0	1,701	1,970							
H0160	Blowing Rock Hospital	Watauga	1	0	0	0							
H0077	Watauga Medical Center	Watauga	2	0	1,470	1,706							
		Watauga Total	5	0	3,171	3,676							
AS0057	Goldsboro Endoscopy Center	Wayne	4	0	2,769	3,069							
H0257	Wayne Memorial Hospital	Wayne	2	0	2,553	3,284							
		Wayne Total	6	0	5,322	6,353							
	Carolina Gastroenterology Specialists												
AS0112	(licensed 4.7.08)	Wilson	2	0	1,427	1,476							
	Wilson Digestive Diseases Center	Wilson	0	2	0	0							
H0210	Wilson Medical Center	Wilson	5	0	2,280	3,519							
		Wilson Total	7	2	3,707	4,995							
		Grand Total	455	1	494,138	589,388							

Chapter 7:

Other Acute Care Services

- Open Heart Surgery Services
- Heart-Lung Bypass Machines
- Burn Intensive Care Services
- Transplantation Services

CHAPTER 7 OTHER ACUTE CARE SERVICES

Summary of Service Supply and Utilization

During FY 2008-09, 22 hospitals provided open heart surgery services. The reported data indicate a statewide average annual utilization rate of 34 percent for the 72 heart-lung bypass machines in the total planning inventory (excluding emergency backup machines).

There are two Burn Intensive Care Services located in North Carolina with a total of 29 Burn Intensive Care Unit beds. The reported days of care indicated an overall average annual occupancy rate of 80.2 percent in FY 2008-2009.

There are five hospitals approved to offer both Allogeneic and Autologous Bone Marrow Transplants, plus one hospital approved to offer only Autologous Bone Marrow Transplants. These facilities reported a total of 502 transplants performed during FY 2008-2009.

The Solid Organ Transplantation Services located at the five Academic Medical Center Teaching Hospitals reported a total of 882 transplants performed during FY 2008-2009.

Changes from the Previous Plan

No substantive changes in basic principles and methodologies were incorporated into the North Carolina <u>2011 State Medical Facilities Plan</u>. Throughout the chapter, data have been revised to reflect services provided during FY 2008-2009, and dates have been advanced by one year, where appropriate.

Open Heart Surgery Services and Heart-Lung Bypass Machines Definitions

"Open heart surgery services," as defined in G.S. 131E-176(18b), "means the provision of surgical procedures that utilize a heart-lung bypass machine during surgery to correct cardiac and coronary artery disease or defects."

"Heart-lung bypass machine," as defined in G.S. 131E-176(10a), "means the equipment used to perform extra-corporeal circulation and oxygenation during surgical procedures."

Facility Inventory - Service Volume

As the following Tables 7A and 7B indicate, there were 22 open-heart surgery programs in North Carolina in 2009, with a total planning inventory of 72 heart-lung bypass machines. Data reported for 2009 indicate that these 72 machines were utilized at an average annual rate of 34 percent, a decrease from the previous year's utilization at 35.4 percent of capacity. In addition, seven programs have "back-up" heart-lung bypass machines, which by law can only be used for emergency back-up of their other heart-lung machines. Total open-heart surgery procedures for 1995-2009 are shown on the following graph and the reported numbers of procedures for years ending 9/30/95 through 9/30/09 appear in the following Table 7A.

Adult Open Heart Surgery Procedures: 1995-2009 (Procedures Utilizing Heart-Lung Bypass Machines)

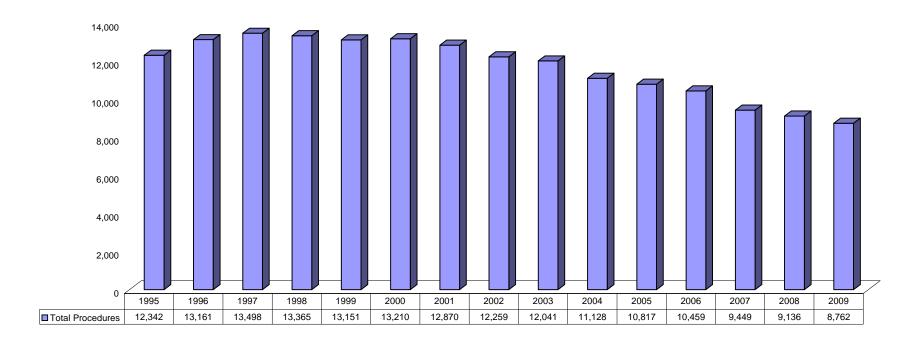


Table 7A: Open-Heart Surgery Procedures

(Procedures Utilizing Heart-Lung Bypass Machines) Adults

Lic#	Facility	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
H0213	Cape Fear Valley Medical Center	243	283	317	326	327	387	388	356	448	458	432	352	301	299	270
H0042	Carolinas Medical Center Mercy/Pineville	396	388	425	283	290	272	246	231	199	134	150	104	92	62	59
	Carolinas Medical Center/															
H0071	Center for Mental Health	1,118	1,281	1,242	1,280	1,143	997	941	875	719	710	631	615	640	457	471
H0031	CMC-NorthEast	292	318	271	193	248	297	340	307	361	375	286	296	257	227	227
	Craven Regional Medical Center	140	126	139	244	184	193	215	240	222	238	255	255	219	209	244
	Duke University Hospital	1,367	1,477	1,490	1,578	1,494	1,555	1,565	1,428	1,229	995	914	947	852	829	955
	Durham Regional Hospital	179	170	170	175	198	204	173	178	170	168	166	142	119	87	80
H0100	FirstHealth Moore Regional Hospital	282	269	291	294	366	340	393	355	429	316	387	319	369	406	413
H0209	Forsyth Memorial Hospital	722	769	836	763	703	792	675	688	717	609	747	598	657	634	566
H0053	Frye Regional Medical Center	621	614	598	557	359	408	315	271	281	388	374	344	224	206	232
H0105	Gaston Memorial Hospital				30	217	316	313	309	309	248	202	246	183	190	175
H0052	High Point Regional Health System	342	309	301	295	315	302	339	273	293	295	313	281	194	208	178
	Memorial Mission Hospital and															
	Asheville Surgery Center	983	1,077	1,200	1,185	1,186	1,161	1,193	1,053	1,064	1,084	1,025	1,105	1,067	992	774
H0159	Moses Cone Health System	852	1,016	1,030	1,029	1,005	935	894	889	829	883	849	860	578	596	510
H0221	New Hanover Regional Medical Center	587	643	694	646	709	684	689	709	794	691	476	497	529	522	508
H0011	North Carolina Baptist Hospital	637	767	726	674	677	660	564	666	625	563	521	534	511	496	468
H0104	Pitt County Memorial Hospital	1,012	1,069	1,091	1,098	1,102	1,208	1,147	1,111	1,096	933	938	1,042	805	865	858
H0010	Presbyterian Hospital	865	845	848	753	760	633	609	564	551	412	401	306	301	321	377
H0065	Rex Hospital	454	431	479	550	516	526	448	416	419	369	357	359	334	313	299
H0064	Southeastern Regional Medical Center												15	58	71	53
H0157	University of North Carolina Hospitals	276	284	291	289	304	297	282	268	246	283	361	311	265	238	228
H0199	WakeMed	974	1,025	1,059	1,123	1,048	1,043	1,141	1,072	1,040	976	1,032	931	894	908	817
	Total Procedures	12,342	13,161	13,498	13,365	13,151	13,210	12,870	12,259	12,041	11,128	10,817	10,459	9,449	9,136	8,762

Open Heart Surgery Services and Heart-Lung Bypass Machine Need Determination

The capacity of a heart-lung bypass machine has been defined as 400 adult equivalent open heart surgical procedures per year. For purposes of determining capacity, one open-heart surgical procedure is defined to be the single utilization of a heart-lung bypass machine for open-heart surgery by a patient in a surgical operating room. Research indicates that one heart-lung bypass machine can be utilized for two scheduled open-heart surgical procedures per day. Because of additional time often incurred during procedures on patients age 14 and under, one procedure is valued at two adult equivalent open-heart surgical procedures.

The following Table 7B displays 2009 heart-lung bypass machine capacity and utilization as reported on the 2010 Hospital License Renewal Applications on file with the Division of Health Service Regulation:

Table 7B: Heart-Lung Bypass Machine Capacity and Volume

Hospital	Current Inventory	CON Issued / Pending Development	Total Planning Inventory	Backup Machines	2009 Procedures (Weighted)	Hospital Procedure Capacity (Number of Machines X 400)	Percent Utilization of Capacity	Equipme nt Deficit	Pending Review or Appeal	Need
Cape Fear Valley Medical Center	2	0	2	1	270	800	33.8%	0	0	0
Carolinas Medical Center Mercy/Pineville										
(One of the two machines in the Total										
Planning Inventory is to be used for backup										
only following completion of CON project F-										
7979-07.)	3	-1	2	0	59	800	7.4%	0	0	0
Carolinas Medical Center/Center for Mental										
Health	6	0	6	0	785	2,400		0	0	0
Carolinas Medical Center - NorthEast	2	0	2	1	227	800		0	0	0
Craven Regional Medical Center	2	0	2	0	244	800	30.5%	0	0	
Duke University Hospital	7	0	7	0	1,223	2,800	43.7%	0	0	
Durham Regional Hospital	2	0	2	0	80	800	10.0%	0	0	
FirstHealth Moore Regional	2	0	2	1	413	800	51.6%	0	0	0
Forsyth Memorial Hospital	3	0	3	0	566	1,200	47.2%	0	0	0
Frye Regional Medical Center	2	0	2	1	232	800	29.0%	0	0	0
Gaston Memorial	2	0	2	1	175	800	21.9%	0	0	0
High Point Regional Hospital	2	0	2	0	178	800	22.3%	0	0	
Memorial Mission Hospital	6	0	6	0	774	2,400	32.3%	0	0	0
Moses Cone Hospital	4	0	4	0	510	1,600	31.9%	0	0	0
New Hanover Regional Medical Center	3	0	3	0	508	1,200	42.3%	0	0	
North Carolina Baptist Hospital	4	0	4	0	622	1,600	38.9%	0	0	0
Pitt County Memorial Hospital	5	0	5	0	920	2,000	46.0%	0	0	
Presbyterian Hospital	3	0	3	1	377	1,200	31.4%	0	0	0
Rex Hospital	3	0	3	0	299	1,200	24.9%	0	0	0
Southeastern Regional	1	0	1	1	53	400	13.3%	0	0	0
University of North Carolina Hospitals	4	0	4	0	460	1,600	28.8%	0	0	0
WakeMed	5	0	5	0	817	2,000	40.9%	0	0	0
TOTAL	73	0	72	7	9,792	28,800	34.0%	0	0	0

2009 procedures (weighted) equal adult procedures plus pediatric procedures X 2 for: Carolinas Medical Center/Center for Mental Health, Duke, North Carolina Baptist, Pitt County, and UNC Hospitals.

Need Determination for Open Heart Surgery Services

It is determined that there is no need for additional open-heart surgery services anywhere in the state and no reviews are scheduled.

Heart-Lung Bypass Machine Need Determination Methodology

A need exists for an additional heart-lung bypass machine when the utilization of a provider's existing and approved equipment is at or above 80 percent of capacity based on the number of open heart surgery procedures reported in the 2010 licensure application on file with the Division of Health Service Regulation, and after equipment, which is allocated in previous State Medical Facilities Plans but pending review or appeal, is subtracted from the equipment deficit. Any person may apply for a certificate of need to purchase an additional heart-lung bypass machine for which a need is determined, provided the heart-lung bypass machine will be located in the same county as the provider whose utilization was at or above 80 percent of capacity based on the number of open heart surgery procedures reported in the 2010 licensure application on file with the Division of Health Service Regulation. (Note: A heart-lung bypass machine's service area is the heart-lung bypass machine planning area in which the heart-lung bypass machine is located. The heart-lung bypass machine planning areas are the single and multi-county groupings shown in Figure 5.1.)

Need Determination for Heart-Lung Bypass Machines

Application of the standard methodology indicates no need for additional heart-lung bypass machines anywhere in the state and no reviews are scheduled.

Burn Intensive Care Services Definition

"Burn intensive care services," as defined in G.S. 131E-176(2b), are "services provided in a unit designed to care for patients who have been severely burned."

Facility Inventory - Service Volume

There are two designated burn intensive care services in North Carolina. A 21-bed unit is located at UNC Hospitals in Chapel Hill, and an eight-bed unit is located in Winston-Salem at North Carolina Baptist Hospital. The percent utilization of burn intensive care services for 2005-2009 is shown on the following graph. The reported numbers of licensed beds, census days of care, and average annual occupancy rates for the years ending 9/30/05, 9/30/06, 9/30/07, 9/30/08 and 9/30/09 are shown in the following Table 7C.

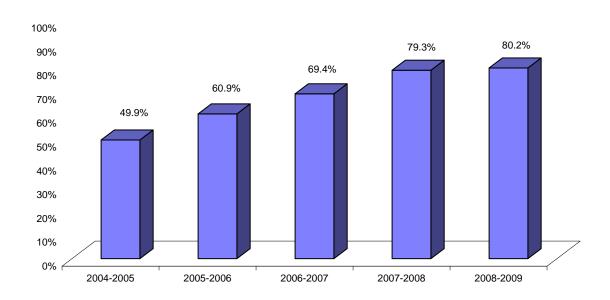
Table 7C: Burn Intensive Care Services

Days of care utilized by severely burned patients (DRGs 504-511) in the designated burn intensive care units.

		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Facility	Total Beds	Total Days				
University of North Carolina						
Hospitals	21	3,030	4,089	5,074	6,273	6,058
North Carolina Baptist Hospital	8	2,255	2,358	2,268	2,142	2,435
TOTAL	29	5,285	6,447	7,342	8,415	8,493

Facility	Total Beds	2004-2005 Percent Utilization	2005-2006 Percent Utilization	2006-2007 Percent Utilization	2007-2008 Percent Utilization	2008-2009 Percent Utilization
University of North Carolina						
Hospitals	21	39.5%	53.3%	66.2%	81.6%	79.0%
North Carolina Baptist Hospital	8	77.2%	80.8%	77.7%	73.2%	83.4%
TOTAL	29	49.9%	60.9%	69.4%	79.3%	80.2%

Percent Utilization Burn Intensive Care Services 2005-2009



Burn Intensive Care Services Need Determination Methodology

The need for new burn intensive care services is demonstrated when the existing burn intensive care services in the state report an overall average annual occupancy rate of at least 80 percent during the two fiscal years prior to development of the Proposed North Carolina State Medical Facilities Plan.

The determination of need for additional services in 2011 is calculated by dividing the total number of bed days utilized in 2008 by severely burned patients (8,415 days) in the two units by the total number of burn intensive care unit beds (29 beds) in these units multiplied by 366 days (10,614 days). This procedure is repeated for the bed days utilized in 2009 by severely burned patients (8,493 days), except that the total number of beds (29) is multiplied by 365 days (10,585).

Percent Occupancy (average annual occupancy rate) for 2008 = 79.3% [8,415 days of care/10,614 days (29 beds x 366 days)]

Percent Occupancy (average annual occupancy rate) for 2009 = 80.2% [8,493 days of care/10,585 days (29 beds x 365 days)]

Need Determination

It is determined that no need exists for additional Burn Intensive Care Services anywhere in the state and no reviews are scheduled.

Transplantation Services Bone Marrow Transplantation Services Definition

"Bone Marrow Transplantation Services," as defined in G.S. 131E-176(2a), "means the process of infusing bone marrow into people with diseases to stimulate the production of blood cells."

Bone marrow transplants may be autologous (using a patient's own marrow, drawn early in the course of the disease), or syngeneic (using marrow from an identical twin) or allogeneic (using marrow from a relative other than an identical twin, or from an unrelated donor). For allogeneic marrow transplants, the transplant service must have the ability to ascertain that a donor's human leucocyte antigens (HLA) correspond to those of the transplant patient. Allogeneic-transplant patients are also more difficult to manage postoperatively than patients receiving autologous bone marrow transplants.

Facility Inventory-Service Volume

There are five Bone Marrow Transplantation Services operational in North Carolina located at Carolinas Medical Center, Duke University Hospital, North Carolina Baptist Hospital, Pitt County Memorial Hospital, and University of North Carolina Hospitals. Total bone marrow transplants for 2006-2009 are shown on the following graph. The reported numbers of transplants for the years ending 9/30/06, 9/30/07, 9/30/08 and 9/30/09 are shown in the following Table 7D.

Total Bone Marrow Transplants: 2006 - 2009

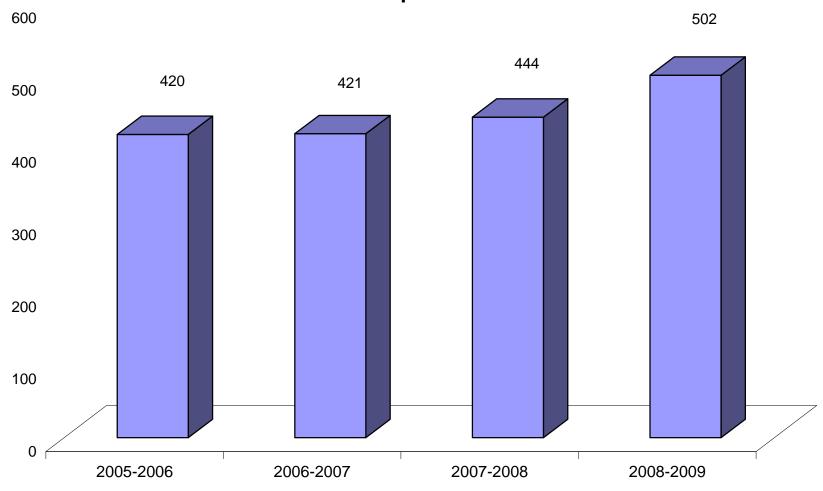


Table 7D: Bone Marrow Transplants

Allogeneic Bone Marrow Transplants				
	2005-2006	2006-2007	2007-2008	2008-2009
Carolinas Medical Center/Center for Mental Health	0	0	0	11
Duke University Hospital	167	115	139	155
North Carolina Baptist Hospital	12	11	51	28
Pitt County Memorial Hospital	0	0	0	0
University of North Carolina Hospitals	36	37	35	34
TOTAL	215	163	225	228

Autologous Bone Marrow Transplants				
	2005-2006	2006-2007	2007-2008	2008-2009
Carolinas Medical Center/Center for Mental Health	11	5	8	1
Duke University Hospital	98	149	104	127
North Carolina Baptist Hospital	37	35	24	65
Pitt County Memorial Hospital	0	0	0	0
University of North Carolina Hospitals	59	69	83	81
TOTAL	205	258	219	274

Total Bone Marrow Transplants	Total Bone Marrow Transplants										
	2005-2006	2006-2007	2007-2008	2008-2009							
Carolinas Medical Center/Center for Mental Health	11	5	8	12							
Duke University Hospital	265	264	243	282							
North Carolina Baptist Hospital	49	46	75	93							
Pitt County Memorial Hospital	0	0	0	0							
University of North Carolina Hospitals	95	106	118	115							
TOTAL	420	421	444	502							

Bone Marrow Transplantation Service Need Determination Methodology

The need for a new Bone Marrow Transplantation Service is demonstrated when each of the existing services has performed at least 20 allogeneic transplants during the fiscal year prior to development of the current Proposed North Carolina State Medical Facilities Plan.

Need Determination

Based on the number of transplants performed at each of the five reporting facilities for the year ending 9/30/09, it is determined that there is no need for additional Bone Marrow Transplantation Services anywhere in the state. Additionally, allogeneic bone marrow transplants shall be provided only in facilities having the capability of doing HLA matching and of management of patients having solid organ transplants. At their present stage of development, it is determined that allogeneic bone marrow transplantation services shall be limited to Academic Medical Center Teaching Hospitals.

Solid Organ Transplantation Services Definition

"Solid Organ Transplantation Services," as defined in G.S. 131E-176(24b), "means the provision of surgical procedures and the interrelated medical services that accompany the surgery to remove an organ from a patient and surgically implant an organ from a donor."

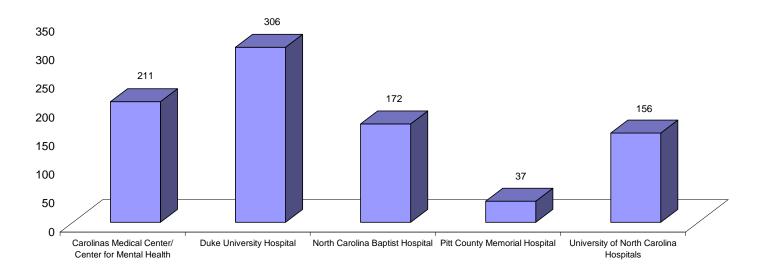
Facility Inventory - Service Volume

There are five Solid Organ Transplantation Services in North Carolina located at the five Academic Medical Center Teaching Hospitals. The reported numbers of transplants performed at these five centers for the year ending 9/30/09 are presented on the following graph and in Table 7E.

Table 7E: Solid Organ Transplantation Services

	Carolinas Medical Center/ Center for Mental Health	Duke University Hospital	North Carolina Baptist Hospital	Pitt County Memorial Hospital	University of North Carolina Hospitals	Total
Heart Transplants	16	43	8	0	15	82
Heart/Lung Transplants	0	1	0	0	0	1
Kidney/Liver Transplants	1	5	0	0	0	6
Liver Transplants	56	46	0	0	42	144
Heart/Liver Transplants	0	0	0	0	0	0
Kidney Transplants	0	1	0	0	1	2
Heart/Kidney Transplants	118	118	150	37	80	503
Lung Transplants	0	77	0	0	17	94
Pancreas Transplants	0	0	0	0	0	0
Pancreas/Kidney Transplants	10	14	1	0	1	26
Pancreas/Liver Transplants	0	0	13	0	0	13
Other	10	1	0	0	0	11
Totals	211	306	172	37	156	882

Solid Organ Transplants by Facility: Year Ending September 30, 2009



Solid Organ Transplantation Service Need Determination Methodology

The offering of a solid organ (heart, heart/lung, kidney, liver, pancreas) transplant service is an organized, interrelated medical, diagnostic, therapeutic and/or rehabilitative activity that is integral to the prevention of disease or to the clinical management of a sick, injured, or disabled person.

In addition to the costs directly associated with transplant surgery, hospitals experience significant costs prior to and following the transplant procedure. A principal aspect of this cost is the immunological subspecialty skills and laboratory support required to assure immunosuppression levels that are sufficient to prevent graft rejection but which are not so great as to cause unnecessary hazards to the life of the patient. The average cost of care per patient in such programs elsewhere has been found to be inversely related to the volume of transplant procedures performed in a facility.

The scarcity of donor organs demands that the available organ resources be used as skillfully as possible. Such skills currently are found in transplant services of academic medical center teaching hospitals. Solid organ transplant services shall be limited to academic medical center teaching hospitals at this stage of the development of this service and availability of solid organs.

Need Determination

Current volumes of procedures performed in existing solid organ transplant services in North Carolina are not sufficient to require that additional solid organ transplant services be developed. It is determined that there is no need for additional solid organ transplant services anywhere in the state. The introduction of a new solid organ transplantation program in a facility which already is performing other types of solid organ transplantation is not considered a new health service unless such addition requires a capital expenditure of \$2 million or more.

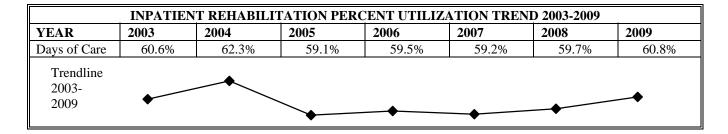
Chapter 8: Inpatient Rehabilitation Services

CHAPTER 8 INPATIENT REHABILITATION SERVICES

Summary of Bed Supply and Utilization

In the fall of 2010, there were 981 inpatient rehabilitation beds in 26 facilities strategically located throughout North Carolina. As shown on the tables below, from an historical perspective, the days of care increased from 2003-2004, decreased from 2004-2007, then increased from 2007-2009. The percent utilization of inpatient rehabilitation beds followed a similar pattern except for a slight increase from 2005-2006 when the days of care decreased.

	INPATIENT REHABILITATION DAYS OF CARE TREND 2003-2009											
YEAR	2003	2004	2005	2006	2007	2008	2009					
Days of												
Care	223,233	225,650	216,626	213,088	211,882	216,438	219,890					
Trendline 2003- 2009	*	•	•	•	•	•	-					



Across the state, both the days of care and the percent utilization of the beds increased during the reporting period. Of the 26 facilities providing services during the reporting period, 14 facilities indicated increased utilization and 12 facilities indicated decreased utilization.

Changes from Previous Plans

One substantive change in the inpatient rehabilitation bed need projection methodology was incorporated into the North Carolina 2011 State Medical Facilities Plan. The change is the addition of steps to the methodology indicating how many additional beds are needed when need for additional inpatient rehabilitation beds is projected. The change is shown below:

If need for additional inpatient rehabilitation beds in a Health Service Area is determined, the number of beds needed is calculated as follows:

Step 1: Calculate the Health Service Area's three-year average annual growth rate for inpatient rehabilitation days of care using the four most recent years of Health Service Area data.

- Step 2: Calculate the projected days of care in the Health Service Area by multiplying the Health Service Area's most recent year's days of care by the three-year average annual rate of change calculated in Step 1, then adding this to the Health Service Area's most recent year's days of care.
- Step 3: Determine, as shown below, how many additional beds are needed in the Health Service Area such that the utilization rate for the sum of the Health Service Area's total planning inventory (existing, certificate of need issued and pending development/review/appeal beds), and the additional beds is 80 percent.

[Projected Days/365/.8] - [Total Planning Inventory] = Additional Beds Needed

As in 2010, the inpatient rehabilitation bed need determination methodology is based on historic utilization of beds over a two-year period.

Basic Principles

The scope of services covered in this section of the North Carolina <u>2011 State Medical Facilities Plan</u> is limited to rehabilitation services provided to physically disabled people. Physical rehabilitation services exclude mental health and substance abuse rehabilitation services, but include those mental health services needed by individuals primarily suffering from physical injury or disease, and rehabilitation services provided to people who are cognitively disabled as a result of physical injury or disease.

The combination of component services required to meet the needs of the individual is provided using an interdisciplinary approach and continues as long as, within a reasonable period of time, significant and observable improvement toward established goals is taking place. Where necessary, these services are provided through a spectrum of care using a system of case management.

Inpatient rehabilitation beds include comprehensive (general), spinal cord, brain injury and pediatric beds.

Inpatient rehabilitation facilities units/beds should be located in general acute care or rehabilitation hospitals or in nursing facilities to ensure that there is available medical back-up for medical emergencies.

Basic Assumptions of the Method

- The Health Service Areas remain logical planning areas for inpatient rehabilitation beds even though many patients elect to enter rehabilitation facilities outside the region in which they reside.
- The bed need determination methodology is based upon the historic average annual utilization of inpatient rehabilitation beds.

Source of Data

Annual Hospital Licensure Applications – The numbers of inpatient rehabilitation bed days of care were compiled from the 2009 and 2010 Hospital License Renewal Applications as submitted to the Division of Health Service Regulation of the North Carolina Department of Health and Human Services.

Inpatient Rehabilitation Bed Need Projection Methodology

Need for additional inpatient rehabilitation beds in any of the six Health Service Areas is determined when the total number of existing and certificate of need-approved inpatient rehabilitation beds in a Health Service Area report an overall average, annual occupancy rate of 80 percent or higher during the two fiscal years prior to developing the North Carolina State Medical Facilities Plan.

The determination of need based on average annual occupancy rate for additional inpatient rehabilitation beds or facilities in a Health Service Area for Plan Year 2011 is calculated by dividing the total number of rehabilitation bed days of care reported in FY 2007-2008 in all units in the Health Service Area by the total number of licensed and certificate of need-approved rehabilitation beds in these units multiplied by 366 days and the total number of rehabilitation bed days of care reported in FY 2008-2009 in all units in the Health Service Area by the total number of licensed and certificate of need-approved rehabilitation beds in these units multiplied by 365 days.

If need for additional inpatient rehabilitation beds in a Health Service Area is determined, the number of beds needed is calculated as follows:

- Step 1: Calculate the Health Service Area's three-year average annual growth rate for inpatient rehabilitation days of care using the four most recent years of Health Service Area data.
- Step 2: Calculate the projected days of care in the Health Service Area by multiplying the Health Service Area's most recent year's days of care by the three-year average annual rate of change calculated in Step 1 then adding this to the Health Service Area's most recent year's days of care.
- Step 3: Determine, as shown below, how many additional beds are needed in the Health Service Area such that the utilization rate for the sum of the Health Service Area's total planning inventory (existing, certificate of need issued and pending development/review/appeal beds), and the additional beds is 80 percent.

[Projected Days/365/.8] - [Total Planning Inventory] = Additional Beds Needed

Table 8A: Inventory and Utilization of Inpatient Rehabilitation Beds

										Average	Annual			
			Invento	ory			Days	of Care		Utilizatio				
			CON Issued / Pending	Pending Review or	Total Planning							HSA Average Annual Growth Rate	Projected	Beds Needed (assuming 80%
HSA	Facility	Current	Development	Appeal	Inventory	2006	2007	2008	2009	2008	2009	2006-2009	Days	occupancy)
I	Catawba Valley Medical Center	20	0	0	20	1,756	1,526	1,644	1,530	22.5%	21.0%			
I	Care Partners Rehabilitation Hospital	80	0			16,931	16,980	17,001	16,373	58.1%	56.1%			
I	Frye Regional Medical Center	29	0			3,662	2,769	2,276	1,934	21.4%	18.3%			
I Total		129	0			22,349	21,275	20,921	19,837	44.3%	42.1%			0
H	High Point Regional	16	0			3,879	4,005	4,481	4,761	76.5%	81.5%			
II	Hugh Chatham Memorial Hospital	12	0	-		2,243	2,154	1,987	1,870	45.2%	42.7%			
H	North Carolina Baptist Hospital	39	0			6,439	6,724	6,038	5,865	42.3%	41.2%	_		
II	Whitaker Rehabilitation Center	68	0			13,190	13,408	12,652	13,402	50.8%	54.0%	_		
II	Moses Cone Memorial Hospital	49	0			8,473	8,333	8,300	7,186	46.3%	40.2%			
II Total		184	0	0	184	34,224	34,624	33,458	33,084	49.7%	49.3%			0
	Rowan Regional Medical Center (10 CON Issued/Pending Development Beds are from 2009 Adjusted Need Determination. These beds will replace the 10 beds existing beds which are moving to CMC-Mercy and													
III	Pineville.)	10	10	0	. 0	2,995	2,665	2,058	2,392	56.2%	65.5%	<u> </u>		
Ш	Stanly Regional Medical Center	10	-10	0	0	1,237	743	778	1,826	21.3% ¹	50.0% ¹			
Ш	Carolinas Rehabilitation Hospital	119	-30	0	89	41,927	40,315	32,113	32,097	$73.7\%^{2}$	73.9% ²			
III	CMC-Levine Children's Hospital	13	0	0	13	-	-	2,127	2,606	44.7%	54.9%	<u> </u>		
Ш	Carolinas Rehabilitation Hospital Mount Holly	40	0	0	40	-	-	8,489	10,199	58.0%	69.9%			
III	Carolinas Rehabilitation - NorthEast	0	40	0	40	-	-	-	-	0.0%	0.0%			
III	CMC-Mercy and Pineville (10 CON Issued/Pending Development Beds will be received from Rowan Regional Medical Center.)	0	10	0	10					0.0%	0.0%			
III Total	Wedical Certicit.)	192	10			46,159	43,723	45,565	49,120	61.6%	66.6%			0
IV	Durham Regional Hospital	30	0			6,869	6,758	6,382	7,119	58.1%	65.0%			
IV	University of North Carolina Hospitals	30	0			8,429	9,084	9,046	9,303	82.4%	85.0%	_		
IV	WakeMed	84	0			24,036	24,006	27,728	27,961	90.2%	91.2%			
IV	Maria Parham Hospital	11	0	0	11	2,084	2,588	2,612	2,755	64.9%	68.6%	-		
IV Total	•	155	0	0	155	41,418	42,436	45,768	47,138	80.7%	83.3%	4.43%	49,228	14
V	FirstHealth Moore Regional Hospital	25	0	0	25	5,568	5,929	5,870	6,555	64.2%	71.8%			
V	New Hanover Regional Medical Center	60	0	0	60	11,547	10,904	10,557	10,205	48.1%	46.6%			
V	Scotland Memorial Hospital	7	0	0	7	1,210	1,322	1,323	1,262	51.6%	49.4%	0		
V	Southeastern Regional Rehabilitation Center	78	0	0		19,489	18,813	19,696	18,456	69.0%	64.8%			
V Total		170	0			37,814	36,968	37,446	36,478	60.2%	58.8%			0
VI	Nash General Hospital	23	0			7,251	7,140	6,915	6,387	82.1%	76.1%			
VI	Lenoir Memorial Hospital	17	0			2,508	2,554	2,187	2,268	35.1%	36.6%	_		
VI	Heritage Hospital	16	0	0	16	1,489	3,112	3,276	3,089	55.9%	52.9%			
VI	Pitt Hospital Regional Rehabilitation Center	75	0	0		16,255	16,657	17,560	19,168	64.0%	70.0%			
VI	CarolinaEast Medical Center	20	0			3,621	3,393	3,342	3,321	45.7%	45.5%			
VI Total		151	0	0	151	31,124	32,856	33,280	34,233	60.2%	62.1%			0
Grand Total		981	10	0	991	213,088	211,882	216,438	219,890	59.7%	60.8%			14

¹ Utilization rate based on 10 beds in service during reporting period.

² Utilization rate based on 119 beds in service during reporting period.

Need Determination

Application of the recommended revised methodology to the 2008 and 2009 data indicates need for 14 additional inpatient rehabilitation beds in Health Service Area IV.

Table 8B: Inpatient Rehabilitation Bed Need Determinations

(For Certificate of Need Review Commencing in 2011)

It is determined that the Health Service Area listed in the table below needs additional inpatient rehabilitation beds as specified.

SERVICE AREA	INPATIENT REHABILITATION BED NEED DETERMINATION*	CERTIFICATE OF NEED APPLICATION DUE DATE**	CERTIFICATE OF NEED BEGINNING REVIEW DATE
HSA IV	14	February 15, 2011	March 1, 2011

It is determined that there is no need for additional inpatient rehabilitation beds anywhere else in the state and no other reviews are scheduled.

^{*} Need determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).

^{**} Application due dates are absolute deadlines. The filing deadline is 5:30 p.m. on the application due date. The filing deadline is absolute (see Chapter 3).

Chapter 9:

Technology

- Lithotripsy
- Gamma Knife
- Radiation Oncology Services Linear Accelerators
- Positron Emission Tomography Scanner
- Magnetic Resonance Imaging
- Cardiac Catheterization Equipment

CHAPTER 9 TECHNOLOGY AND EQUIPMENT

Summary of Service Supply and Utilization

The number of lithotripsy procedures reported on lithotripters registered in North Carolina for 2008-2009 was 11,204. There were 14 lithotripsy units operated by eight providers.

The present gamma knife located at Wake Forest University Baptist Medical Center in Health Service Area (HSA) II serves the western portion of the state (HSAs I, II, and III). During 2008-2009, 268 gamma knife procedures were reported. Pitt County Memorial Hospital received a certificate of need pursuant to a need determination in the North Carolina 2003 State Medical Facilities Plan for one gamma knife to serve the eastern portion of the state (HSAs IV, V and VI). Pitt began offering service as of October 2005, and reported 134 gamma knife procedures provided during 2008-2009. The two gamma knives assure that the western and eastern portions of the state have equal access to gamma knife services.

Linear accelerators provided 593,531 Equivalent Simple Treatment Visit procedures that are counted for need determination purposes in 2008-2009. The average number of procedures statewide per linear accelerator as shown in Table 9E is 4,988. There are 118 linear accelerators in North Carolina that are operational, have a certificate of need, or for which there is a prior year need determination.

Twenty-one hospitals reported a total of 36,869 procedures for fixed Positron Emission Tomography (PET) Scanners that were operational in the reporting period. Twenty-three sites reported 5,258 procedures in total for mobile PET service.

In 1983, there were only two magnetic resonance imaging (MRI) programs in North Carolina, performing a total of 531 procedures. In 2008-2009, fixed and mobile scanners were reported as providing 828,805 procedures.

A total of 53 hospitals and cardiac diagnostic centers provided fixed cardiac catheterization services during fiscal year 2008-2009. Also, during fiscal year 2008-2009, mobile cardiac catheterization services were reported at 11 hospitals across the state.

Changes from the Previous Plan

In the MRI and cardiac catheterization equipment sections, language has been added to accommodate the reporting of procedures provided in counties that are in more than one service area. The North Carolina 2011 State Medical Facilities Plan includes updated Acute Care Bed Service Areas, which are the same as service areas for MRI services and cardiac catheterization equipment. No other substantive changes in basic principles and methodologies were recommended.

Lithotripsy

Introduction

Lithotripsy is defined as the pulverization of urinary stones by means of a lithotripter. Extracorporeal lithotripsy is lithotripsy that occurs outside the body. Extracorporeal shock wave lithotripsy (ESWL) is the non-invasive procedure with which this section will concern itself.

A lithotripter is a device that uses shock waves to pulverize urinary stones, which can then be expelled in the urine. An emitter is placed in contact with the patient's abdomen and the shock waves are focused on the stone, which is shattered by the force.

A lithotripter's service area is the lithotripter planning area in which the lithotripter is located. The lithotripter planning area is the entire state.

Lithotripter Utilization

Lithotripter utilization can be reasonably estimated by the incidence of urinary stone disease. Urinary stone disease, or urolithiasis, is a disease in which urinary tract stones or calculi are formed. The annual incidence of urinary stone disease is approximately 16 per 10,000 population¹. Not all cases of urinary stone disease would be appropriately treated by lithotripsy. It has been estimated that 85 to 90 percent of kidney stone patients, when surgery is indicated, can be treated successfully by ESWL treatment. The annual treatment capacity of a lithotripter has been estimated at from 1,000 to 1,500 cases.

North Carolina Utilization

The number of lithotripsy procedures reported in North Carolina for the period of 2008-2009 was 11,204 procedures. There were 14 lithotripsy units operated by eight providers. Procedures were provided by a fixed unit at one facility, and by 13 mobile units operated by seven providers. There was one need determination for a lithotripter in Mecklenburg County in the North Carolina 2007 State Medical Facilities Plan and the certificate of need was awarded to The Stone Institute. Given the 14 lithotripsy units, the average number of procedures per lithotripter for the 2008-2009 fiscal year is 800.

Access

Due to the mobility of lithotripter services, and the subsequent number of sites from which the service is provided, it may be concluded that geographic access is available to the maximum economically feasible extent.

North Carolina's Need Determination Methodology

North Carolina uses a methodology based on the incidence of urinary stone disease. The need is linked to the estimate of urinary stone disease cases and is based on the assumption that 90 percent could be treated by ESWL.

¹ Pahiri, J.J. & Razack, A.A. (2001) "Chapter 9: Nephrolithiasis". In <u>Clinical Manual of Urology</u>, by Philip M. Hanno, Alan J. Wein, S. Bruce Malkowicz. McGraw-Hill Professional Publisher.

The standard methodology used for determining need for lithotripters is calculated as follows:

- Step 1: Divide the July 1, 2011 estimated population of the state, available from the North Carolina Office of State Budget and Management, by 10,000 and multiply the result by 16, which is the incidence of urinary stone disease per 10,000 population.
- Step 2: Multiply the result from Step 1 by 90 percent to get the number of patients in the state who have the potential to be treated by lithotripsy in one year.
- Step 3: Divide the result of Step 2 by 1,000, which is the low range of the annual treatment capacity of a lithotripter, and round to the nearest whole number.
- Step 4: Sum the number of existing lithotripters in the state, lithotripters not yet operational but for which a certificate of need has been awarded, and lithotripter need determinations from previous years for which a certificate of need has yet to be awarded.
- Step 5: Subtract the result of Step 4 from the result of Step 3 to calculate the number of additional lithotripters needed in the state.

North Carolina's Need

With an annual treatment capacity of a lithotripter being estimated at from 1,000 to 1,500 cases, the maximum number of lithotripters needed in the state would be 14, based on 13,907 estimated cases and 1,000 procedures per lithotripter. There are 14 lithotripters in the state, and the methodology indicates a maximum need of 14 lithotripters in the state. As a result, it is determined that there is no need for additional lithotripters anywhere in the state.

Lithotripsy Services in North Carolina

The eight providers that offer lithotripsy services in North Carolina are listed on the following pages.

(From 2009 data as reported on the 2010 Lithotripsy Registration and Inventory Form for Mobile Equipment)

Provider: Carolina Lithotripsy, LTD, 2014 Litho Place, Fayetteville, NC 28304-

Machines 2; Purchased or Replaced: 10/2000, 11/2001

Areas Generally Served: Eastern North Carolina

Facility and Location	Procedures
Arthur Dosher Memorial Hospital, Southport, NC	20
Beaufort County Hospital, Washington, NC	29
Brunswick Community Hospital, Supply, NC	21
CarolinaEast Medical Center, New Bern, NC	75
Carteret General Hospital, Morehead City, NC	53
Carteret Surgery Center, Morehead City, NC	10
Columbus Regional Healthcare, Whiteville, NC	73
Duke Raleigh Hospital, Raleigh, NC	15
Halifax Regional Medical Center, Roanoke Rapids, NC	35
Highsmith-Rainey Memorial Hospital, Fayetteville, NC	159
Johnston Memorial Hospital, Smithfield, NC	94
Lenoir Memorial Hospital, Kinston, NC	46
Moore Regional Hospital, Pinehurst, NC	132
New Hanover Regional Medical Center, Wilmington, NC	233
Onslow Memorial Hospital, Jacksonville, NC	13
Pitt County Memorial Hospital, Greenville, NC	117
Rex Healthcare, Raleigh, NC	137
Richmond Memorial Hospital, Rockingham, NC	32
Southeastern Regional Medical Center, Lumberton, NC	66
WakeMed, Raleigh, NC	61
Wayne Memorial Hospital, Goldsboro, NC	30
Wilson Medical Center, Wilson, NC	59
Total Procedures:	1,510
Average Number of Procedures per Lithotripter:	755

(From 2009 data as reported on the 2010 Lithotripsy Registration and Inventory Form for Mobile Equipment)

Provider: Carolinas Mobile Lithotripsy Service, 810 Fairgrove Church Road, Hickory, NC 28602-

Machines 2; Purchased or Replaced: 3/2002, 3/2002

Areas Generally Served: Western and Central North Carolina

Facility and Location	Procedures
Catawba Valley Medical Center, Hickory, NC	265
Grace Hospital, Morganton, NC	53
Harris Regional Hospital, Sylva, NC	126
Haywood Regional Medical Center, Clyde, NC	170
McDowell Hospital, Marion, NC	25
Rutherford Hospital, Rutherfordton, NC	65
Scotland Memorial Hospital, Laurinburg, NC	164
Valdese Hospital, Valdese, NC	55
Total Procedures:	923
Average Number of Procedures per Lithotripter:	462

Provider: Fayetteville Lithotripters Limited Partnership - South Carolina II, 9825 Spectrum Drive, Bldg 3, Austin, TX 78717-

Machines 1; Purchased or Replaced: 9/2002, 8/1989 initial

Areas Generally Served: Western North Carolina and South Carolina

Facility and Location	Procedures
Duke University Ambulatory Surgery Center, Durham, NC	21
Haywood Regional Medical Center, Clyde, NC	53
Heritage Hospital, Tarboro, NC	28
Margaret Pardee Hospital, Hendersonville, NC	54
Mission Hospital, Asheville, NC	47
Park Ridge Hospital, Fletcher, NC	36
St. Luke's Hospital, Columbus, NC	1
Transylvania Community Hospital, Brevard, NC	31
Total Procedures:	271
Average Number of Procedures per Lithotripter:	271

(From 2009 data as reported on the 2010 Lithotripsy Registration and Inventory Form for Mobile Equipment)

Provider: Fayetteville Lithotripters Limited Partnership-Virginia I, 9825 Spectrum Drive, Bldg. 3, Austin, TX 78717-

Machines 1; Purchased or Replaced: 2/2003, 7/1990 initial

Areas Generally Served: Eastern North Carolina and Virginia

Facility and Location	Procedures
Albemarle Hospital, Elizabeth City, NC	42
Chowan Hospital, Edenton, NC	45
Roanoke-Chowan Hospital, Ahoskie, NC	18
Community Memorial Healthcare, Southhill, VA	32
Harborview Medical Center, Suffolk, VA	79
Louise Obici Memorial Hospital, Suffolk, VA	44
Mary Immaculate Hospital, Newport News, VA	142
Mary Washington Hospital, Fredericksburg, VA	211
Rappahannock General Hospital, Kilmarnock, VA	9
Riverside Tappahannock Hospital, Tappahannock, VA	19
Riverside Walter Reed Hospital, Newport News, VA	47
Southside Community Hospital, Farmville, VA	76
Southside Regional Medical Center, Petersburg, VA	80
Total Procedures:	844
Average Number of Procedures per Lithotripter:	844

(From 2009 data as reported on the 2010 Lithotripsy Registration and Inventory Form for Mobile Equipment)

Provider: Piedmont Stone Center, PLLC, 1907 South Hawthorne Road, Winston-Salem, NC 27103-

Machines 4; Purchased or Replaced: 3/2002, 4/2003, 4/2003, 9/89, 4/90, 2/95 initial

Areas Generally Served: Western and Central North Carolina and Virginia

Facility and Location	Procedures
Alamance Regional Medical Center, Burlington, NC	231
Annie Penn Memorial Hospital, Reidsville, NC	59
Caldwell Memorial Hospital, Lenoir, NC	69
Davis Regional Medical Center, Statesville, NC	46
Forsyth Medical Center, Winston-Salem, NC	89
High Point Regional Health System, High Point, NC	443
Hugh Chatham Memorial Hospital, Elkin, NC	47
Iredell Memorial Hospital, Statesville, NC	127
Lexington Memorial Hospital, Lexington, NC	117
Maria Parham Hospital, Henderson, NC	120
Morehead Memorial Hospital, Eden, NC	179
Northern Hospital of Surry County, Mount Airy, NC	77
Piedmont Stone Center, Winston-Salem, NC	693
Randolph Hospital, Asheboro, NC	133
Rowan Regional Medical Center, Salisbury, NC	175
Wake Forest University Baptist Medical Center, Winston-Salem, NC	57
Watauga Medical Center, Boone, NC	225
Wesley Long Hospital, Greensboro, NC	393
Wilkes Regional Medical Center, Wilkesboro, NC	94
Lynchburg General Hospital, Lynchburg, VA	184
Martha Jefferson Hospital, Charlottesville, VA	162
Memorial Hospital of Martinsville, Martinsville, VA	36
Piedmont Day Surgery Center, Danville, VA	59
Twin County Regional Hospital, Galax, VA	38
Urology Associates of New River Valley, Christiansburg, VA	112
Wythe County Community Hospital, Wytheville, VA	26
Total Procedures:	3,991
Average Number of Procedures per Lithotripter:	998

(From 2009 data as reported on the 2010 Lithotripsy Registration and Inventory Form for Mobile Equipment)

Provider: Stone Institute of the Carolinas, LLC, 215 South Main Street, Suite 201, Davidson, NC 28036-

Machines 2; Purchased or Replaced: 10/2006, 10/2001, 1991

Areas Generally Served: Western and Central North Carolina

Facility and Location	Procedures
Cleveland Regional Medical Center, Shelby, NC	159
CMC-Main, Charlotte, NC	212
CMC-Mercy/Pineville, Charlotte, NC	271
CMC-Northeast, Concord, NC	218
CMC-University, Charlotte, NC	210
Gaston Memorial Hospital, Gastonia, NC	210
Lake Norman Regional Medical Center, Mooresville, NC	128
Lincoln Medical Center, Lincolnton, NC	48
Presbyterian Hospital Matthews, Matthews, NC	106
Presbyterian Orthopaedic Hospital, Charlotte, NC	121
Stanly Memorial Hospital, Albemarle, NC	19
Union Regional Medical Center, Monroe, NC	129
Piedmont Medical Center, Rock Hill, SC	248
Total Procedures:	2,079
Average Number of Procedures per Lithotripter:	1,040

Provider: Triangle Lithotripsy Corporation, 7003 Chadwick Dr. #321, Brentwood, TN 37027-

Machines 1; Purchased or Replaced: 10/2002, 6/90

Areas Generally Served: East Central North Carolina

Facility and Location	Procedures
Central Carolina Hospital, Sanford, NC	110
Durham Ambulatory Surgical Center, Durham, NC	120
Durham Regional Hospital, Durham, NC	128
Franklin Regional Hospital, Louisburg, NC	8
Nash Day Hospital, Rocky Mount, NC	120
Rex Hospital, Raleigh, NC	341
WakeMed, Raleigh, NC	267
Wayne Memorial Hospital, Goldsboro, NC	71
Total Procedures:	1,165
Average Number of Procedures per Lithotripter:	1,165

Total Mobile Procedures for State:

10,783

(From 2009 data as reported on the 2010 Hospital License Renewal Application)

Provider: Mission Hospitals/WNC Stone Center, P O Box 509 Biltmore Avenue, Asheville, NC 28801-

Machines: 1 Purchased or Replaced: 8/2000

Area Served:

Facility and Location	Procedures
WNC Stone Center, Asheville, NC	421
Total Number of Procedures:	421
Average Number of Procedures per Lithotripter:	421

Table 9C: Mobile and Fixed Lithotripsy

(Total Procedures/Units Reported)

Total Procedures Reported	Units Reported	Average Procedures Per Unit
11,204	14	800

Gamma Knife

Definition

"Gamma Knife," as defined in General Statute § 131E-176(7c), means "equipment which emits photon beams from a stationary radioactive cobalt source to treat lesions deep within the brain and is one type of stereotactic radiosurgery."

Two types of equipment, both using photon beams, are available for performing this kind of radiosurgery. In one type, beams from a linear accelerator are focused from a device that rotates around the patient. The other type of equipment, gamma knife, emits 201 beams from stationary radioactive cobalt sources.

Facility Inventory-Service Volume

Gamma knife fixed and movable equipment capital costs exceed \$3,500,000. There is one gamma knife that was approved for acquisition pursuant to Policy AC-3 of the North Carolina 1998 State Medical Facilities Plan. The approved unit is located at Wake Forest University Baptist Medical Center, and became operational effective September 1, 1999. During 2008-2009, as reported in the 2010 Hospital Licensure Renewal Application, which reflects 2009 data, 268 gamma knife procedures were reported. Pitt County Memorial Hospital received a certificate of need pursuant to a need determination in the North Carolina 2003 State Medical Facilities Plan for one gamma knife to serve the eastern portion of the state (HSAs IV, V and VI). Pitt County Memorial Hospital began offering service as of October 2005. During 2008-2009, 134 gamma knife procedures were reported.

Gamma Knife Need Determination Methodology

A gamma knife's service area is the gamma knife planning region in which the gamma knife is located. There are two gamma knife planning regions, the west region (HSAs I, II, and III) and the east region (HSAs IV, V, and VI). The gamma knife located at Wake Forest University Baptist Medical Center in HSA II serves the western portion of the state (HSAs I, II, and III). The gamma knife located at Pitt County Memorial Hospital in HSA VI serves the eastern portion of the state (HSAs IV, V and VI). The two gamma knives assure that the western and eastern portions of the state have equal access to gamma knife services.

There is adequate capacity and geographical accessibility for gamma knife services in the state.

Need Determination

It is determined that there is no need for an additional gamma knife anywhere in the state.

Linear Accelerators

Introduction

The methodology incorporates a geographic accessibility criterion (a population base of 120,000), a criterion aimed at assuring efficient use of megavoltage radiation facilities (when Equivalent Simple Treatment Visit (ESTV) procedures divided by 6,750 minus the number of present linear accelerators equals .25+), and a patient origin criterion that indicates when a service area has 45 percent or more of the patients coming from outside the service area. A need determination is generated when two of the three criteria are met within a service area.

Counties are the basic units for the formation of linear accelerator service areas, based on proximity, utilization patterns, and patient origin data. A small percentage of the population lives some distance from a linear accelerator, but the sparsity of population in and around these areas does not provide the population required to support a linear accelerator.

The statewide average number of procedures per accelerator as shown in Table 9E is 4,988.

Assessment -- Linear Accelerators

Radiation therapy (megavoltage radiation) is used in the treatment of about half of all cancers. Its users seek to destroy cancer cells with ionizing radiation while limiting damage to non-cancerous tissue. Linear accelerators are now the instruments of choice because most are capable of producing either electron or photon beams at variable energy levels.

In the 2010 Hospital Licensure Renewal Applications, which reflect 2009 data, 18 linear accelerators in 11 different locations in North Carolina are reported as being operational and providing stereotactic radiosurgery treatment: Carolinas Medical Center (601 procedures); Carolinas Medical Center - NorthEast (346 CyberKnife procedures); Duke University Hospital (362 procedures on two linear accelerators); Mission Hospitals (306 CyberKnife procedures); Brody School of Medicine at East Carolina University (268 procedures on two linear accelerators); University of North Carolina Hospitals (611 procedures on four linear accelerators, including one CyberKnife); Wake Forest University Baptist Medical Center (35 procedures); Forsyth Memorial Hospital (75 procedures); Presbyterian Hospital (88 procedures) and North Carolina Radiation Therapy Management Services in Asheville (23 procedures) and Brevard (11 procedures).

In recent years, radiation therapy has been offered increasingly in comprehensive oncology programs where medical oncologists and hematologists also offer chemotherapy. Most such programs are associated with general hospitals, but some are freestanding. Some programs offering only radiation therapy, or only chemotherapy, may refer to themselves as oncology centers. A new radiation oncology facility, with necessary equipment, usually costs about \$2,000,000.

In addition to a linear accelerator, every radiation oncology program uses a treatment simulator to aid in treatment planning, a computer for calculating dosages, and devices for cutting blocks to protect non-targeted areas from radiation. One simulator, which is the most expensive of these additional items (\$200,000 - \$400,000), can serve a facility with three linear accelerators or serve multiple facilities with up to four linear accelerators total. The specialized staff who operate and maintain this equipment, including a required radiation physicist, are more efficiently utilized in facilities with more than one linear accelerator.

There are 70 hospitals and freestanding oncology treatment centers statewide in North Carolina with 118 linear accelerators that are operational, have a certificate of need in hand, or for which there is a prior year need determination.

The utilization methodology used calls for data gathering that is uniform. There are radiation treatments of varying complexity, and the concept of ESTV is used. ESTVs are recommended by the American College of Radiology. In addition, ESTVs were recommended as part of the comments during public hearings when the original methodology was developed.

The data gathering survey that the Medical Facilities Planning Section sends out to providers asks for procedures by CPT codes; corresponding ESTV values are listed in Table 9D of the North Carolina <u>2011 State Medical Facilities Plan</u>. Hospitals and free-standing centers have responded well in reporting procedures that can be calculated as ESTV totals.

Basic Assumptions of the Methodology

A linear accelerator's service area is the linear accelerator planning area in which the linear accelerator is located. Linear accelerator planning areas are the 27 multi-county groupings shown in Table 9G. In determining whether an additional linear accelerator is needed in a service area, three principal questions must be addressed:

- 1. Are the linear accelerators in a linear accelerator service area performing more than 6,750 procedures (ESTVs) per accelerator per year?
- 2. Is the population that lives in a linear accelerator service area sufficiently great to support the addition of another accelerator (population per accelerator greater than 120,000 a figure suggested by the Inter-Society Council for Radiation Oncology)?
- 3. Does the patient origin data show that more than 45 percent of the patients come from outside the service area?

Patient origin data is requested in order to establish service areas, and the vast majority of facilities have responded with patient origin data.

To examine the second and third questions, linear accelerator service areas are delineated, including in each area the counties that are closest to a linear accelerator. Two exceptions were employed in applying this method:

a. Where patient origin data indicate a county's primary use of a linear accelerator that is not the closest, the county is aligned with the linear

- accelerator county where most or a plurality of its citizens go for linear accelerator services. Example: Alleghany to Forsyth
- b. When a linear accelerator county has a population too small to support it, that county is combined with an adjacent county to which a sizable percentage of patients go for linear accelerator services, according to the base county's patient origin data. Example: Haywood Buncombe

Data regarding each of the linear accelerator service areas of North Carolina were organized so as to examine each of the questions noted above.

Methodology for Determining Need

The methodology incorporates a geographic accessibility criterion (population base of 120,000), a criterion aimed at assuring efficient use of megavoltage radiation facilities (when ESTV procedures divided by 6,750 minus the number of present linear accelerators equals .25+), and a patient origin criterion (when a service area has more than 45 percent of the patients coming from outside the service area). A need determination is generated when two of the three criteria are met within a service area.

The standard methodology used for determining need for linear accelerators is calculated as follows:

Criterion 1:

- Step 1: Using the 2010 North Carolina population estimate obtained from the North Carolina Office of State Budget and Management, sum the population estimates for counties that comprise each linear accelerator service area to determine the population for linear accelerator service areas.
- Step 2: For each linear accelerator service area, sum the number of operational linear accelerators acquired in accordance with G.S. 131E-175, et. seq., the number of approved linear accelerators not yet operational but for which a certificate of need has been awarded, and the linear accelerator need determinations from previous years.
- Step 3: Divide the service area population by the result of Step 2 to determine the population residing in the service area per linear accelerator. If the result is greater than or equal to 120,000 per linear accelerator, Criterion 1 is satisfied.

Criterion 2:

Step 4: Using patient origin data reported on the 2010 Hospital License Renewal Applications and Linear Accelerator Registration and Inventory Forms for linear accelerators, for each service area, count the number of patients who were served on linear accelerators located in the service area, and who reside in a county outside the service area.

Step 5: For each service area, divide the results of Step 4 by the total number of patients served on linear accelerators located in the service area. If more than 45 percent of total patients served on linear accelerators located in a service area reside outside the service area, then Criterion 2 is satisfied.

Criterion 3:

- Step 6: For each linear accelerator service area, sum the number of ESTV procedures performed on the linear accelerators located in the service area as reported in each provider's 2010 Hospital License Renewal Application or Linear Accelerator Registration and Inventory Form.
- Step 7: Divide the results of Step 6 by the number of linear accelerators in the service area which are counted in Step 2 to determine the average number of ESTV procedures performed per linear accelerator in each linear accelerator service area.
- Step 8: Divide the results of Step 7 by 6,750 ESTV procedures.
- Step 9: Subtract the number of linear accelerators in the service area counted in Step 2 from the results of Step 8. If the difference is greater than or equal to positive 0.25, Criterion 3 is satisfied.
- Step 10: If any two of the above three criteria are satisfied in a linear accelerator service area, a need is determined for one additional linear accelerator in that service area.

Criterion 4:

Step 11: Regardless of the results of Steps 1-10 above, if a county has a population of 120,000 or more and there is not a linear accelerator counted in Step 2 for that county, a need is determined for one linear accelerator for that county. As a result, the county becomes a separate, new linear accelerator service area.

Linear Accelerator Need Determination

It was suggested by some radiation oncologists in 2006 that CPT Code 77427, weekly radiation therapy management, not be counted in the totals of freestanding radiation oncology centers. The advice was accepted in 2006 for the North Carolina 2007 State Medical Facilities Plan, and procedure counts for CPT Code 77427 were removed from the totals. Procedure counts for CPT Code 77427 also are not included in Table 9E in the North Carolina 2011 State Medical Facilities Plan.

In the North Carolina <u>2008 State Medical Facilities Plan</u>, in response to a petitioner's request for an adjustment to the need determination for linear accelerators, there was an adjusted

need determination for one linear accelerator in Linear Accelerator Service Area 18. The need determination did not specify certain configurations or specifications. As Table 9F indicates, there are two service areas where the threshold equals .25+; however, there is no need determination for Service Areas 17 and 19 because these service areas do not meet the criterion of a population base of 120,000 per linear accelerator. In response to a petition, there was included in the North Carolina 2009 State Medical Facilities Plan a statewide need determination for one dedicated linear accelerator that shall be part of a demonstration project for a model multidisciplinary prostate health center focused on the treatment of prostate cancer, particularly in African American men.

Through the standard need determination methodology, it is determined that there is no need for an additional linear accelerator anywhere in the state.

Table 9D: Linear Accelerator Treatment Data - Hospital and Free-Standing

		ESTVs/
CPT		Procedures
Code	Description	Under ACR
Simple Tre		
77401	Radiation treatment delivery	1.00
77402	Radiation treatment delivery (<=5 MeV)	1.00
77403	Radiation treatment delivery (6-10 MeV)	1.00
77404	Radiation treatment delivery (11-19 MeV)	1.00
77406	Radiation treatment delivery (>=20 MeV)	1.00
Intermedia	te Treatment Delivery	
77407	Radiation treatment delivery (<=5 MeV)	1.00
77408	Radiation treatment delivery (6-10 MeV)	1.00
77409	Radiation treatment delivery (11-19 MeV)	1.00
77411	Radiation treatment delivery (>=20 MeV)	1.00
Complex T	reatment Delivery	
77412	Radiation treatment delivery (<=5 MeV)	1.00
77413	Radiation treatment delivery (6-10 MeV)	1.00
77414	Radiation treatment delivery (11-19 MeV)	1.00
77416	Radiation treatment delivery (>= 20 MeV)	1.00
	Other CPT Codes	
77417	Additional field check radiographs	.50
77418	Intensity modulated radiation treatment (IMRT) delivery	1.00
77371	Radiation treatment delivery, stereotactic radiosurgery (SRS), complete	
	course of treatment of cranial lesion(s) consisting of 1 session;	3.00
	multisource Cobalt 60 based (Gamma Knife)	
77372	Radiation treatment delivery, stereotactic radiosurgery (SRS), complete	
	course of treatment of cranial lesion(s) consisting of 1 session; linear	3.00
	accelerator	
77373	Stereotactic body radiation therapy, treatment delivery, per fraction to 1	
	or more lesions, including image guidance, entire course not to exceed	3.00
G0220	5 fractions	
G0339	(Image-guided) robotic linear accelerator-based stereotactic	2.00
C0240	radiosurgery in one session or first fraction	3.00
G0340	(Image-guided) robotic linear accelerator-based stereotactic radiosurgery, fractionated treatment, 2nd-5th fraction	3.00
	Total body irradiation	2.50
	Hemibody irradiation	2.00
	Intraoperative radiation therapy (conducted by bringing the	10.00
	anesthetized patient down to the linear accelerator)	20.00
	Neutron and proton radiation therapy	2.00
	Limb salvage irradiation	1.00
	Pediatric patient under anesthesia	1.50

Table 9E: Hospital and Free-Stand	ding Line	ear Accelerat	tors and Radi	ation Oncolo	gy Procedures
				Number of	
				Procedures	
			Number of	(ESTVs)	Averege # of
				` ,	Average # of
	Service		Linear	10/1/2008-	Procedures per
Facility Name	Area #	County	Accelerators	9/30/2009	Unit
Murphy Medical Center	1	Cherokee	1*	0	0
Harris Regional Hospital	1	Jackson	1	4,338	4,338
NC Radiation Therapy - Franklin	1	Macon	1	633	633
Mission Hospitals (S) (b)	2	Buncombe	3	20,042	6,681
NC Radiation Therapy - Asheville	2	Buncombe	2	7,993	3,997
NC Radiation Therapy - Clyde	2	Haywood	1	4,090	4,090
NC Radiation Therapy - Marion	2	McDowell	1	1,605	1,605
Watauga Hospital	3	Watauga	1	4,169	4,169
Margaret Pardee Memorial Hospital	4	Henderson	1	6,791	6,791
NC Radiation Therapy - Brevard	4	Transylvania	1	2,580	2,580
NC Radiation Therapy - Hendersonville	4	Henderson	1	127	127
Catawba Valley Medical Center	5	Catawba	2	15,372	7,686
Frye Regional Medical Center	5	Catawba	1	689	689
Valdese General Hospital	5	Burke	2	6,325	3,163
Caldwell Memorial Hospital	5	Caldwell	1	2,651	2,651
Cleveland Regional Medical Center	6	Cleveland	1	6,217	6,217
Gaston Memorial Hospital (h)	6	Gaston	3	14,110	4,703
(-)			will be	- 1, 0	1,7.00
Lincoln Radiation Oncology Associates (s)	6	Lincoln	transferred	NR	NR
NC Radiation Therapy - Forest City	6	Rutherford	1	4,951	4,951
Pineville Radiation Therapy Center (n)	7	Mecklenburg	1	6,972	6,972
Carolinas Medical Center (S)	7	Mecklenburg	3**	17,268	5,756
CMC-Union (i)	7	Union	1	7,619	7,619
Matthews Radiation Oncology	7	Mecklenburg	1	11,443	11,443
Presbyterian Hospital	7	Mecklenburg	4	12,688	3,172
University Radiation Oncology	7	Mecklenburg	1	6,271	6,271
Iredell Memorial Hospital	8	Iredell	2	7,197	3,599
Lake Norman Radiation Oncology Center	8	Iredell	1	10,680	10,680
Rowan Regional Medical Center	8	Rowan	1	5,396	5,396
CMC-NorthEast Medical Center	9	Cabarrus	2	12,386	6,193
Stanly Regional Medical Center	9	Stanly	1	3,994	3,994
Forsyth Memorial Hospital	10	Forsyth	4	27,566	6,892
Hugh Chatham Memorial Hospital (d)	10	Surry	1	5,777	5,777
N. C. Baptist Hospitals (S)	10	Forsyth	4	18,597	4,649
Cancer Center of Davidson County (o)	11	Davidson	1	226	226
High Point Regional Health System	12	Guilford	2	8,442	4,221
Morehead Memorial Hospital	12	Rockingham	1	5,811	5,811
Moses Cone Health System	12	Guilford	4	24,654	6,164
Randolph Cancer Center (m)	13	Randolph	1	3,803	3,803
UNC Hospitals (S)	14	Orange	4	25,953	6,488
Alamance Regional Medical Center (j)	15	Alamance	2	9,592	4,796
Duke University Hospital (S)	16	Durham	8	36,721	4,590
Durham Regional Hospital	16	Durham	1	3,924	3,924
Maria Parham Hospital (e)	16	Vance	1	5,444	5,444
FirstHealth Moore Regional	17	Moore	2	18,953	9,477
Scotland Memorial Hospital (1)	17	Scotland	1	4,943	4,943
Cape Fear Valley Medical Center (a)	18	Cumberland	5	18,220	3,644
capt I car varie, interior contor (a)	10	Cumochuna		10,220	5,011

Table 9E: Hospital and Free-Standing Linear Accelerators and Radiation Oncology Procedures								
				Number of				
				Procedures				
			Number of	(ESTVs)	Average # of			
	Service		Linear	10/1/2008-	Procedures per			
Facility Name	Area #	County	Accelerators	9/30/2009	Unit			
Southeastern Regional Medical Center	Αιταπ	County	Accelerators	9/30/2009	Cilit			
(v)	18	Robeson	1	7,404	7,404			
Sampson Regional Medical Center	18	Sampson	1	2,519	2,519			
New Hanover Radiation Oncology	19	New Hanover	2	21,634	10,817			
	19	New Hanover	1					
New Hanover Regional Medical Center	19	Brunswick	1	6,954	6,954			
South Atlantic Radiation Oncology (c) Raleigh Hematology Oncology	19	Brunswick	1	7,640	7,640			
Associates/Cancer Centers of NC (u)	20	W/alaa	2	11.022	5.062			
` '	20	Wake Wake	2	11,923	5,962			
Duke Raleigh Hospital	20		4	7,268	7,268			
Rex Hospital	20	Wake	4	16,932	4,233			
Wake Radiology / Oncology Services	20	Wake	1	4,718	4,718			
Rex Healthcare (Smithfield Radiation								
Oncology)	21	Johnston	1	2,432	2,432			
Johnston Memorial Hospital Authority (t)	21	Johnston	1	NR	NR			
Lenoir Memorial	22	Lenoir	1	5,860	5,860			
Goldsboro Radiation Therapy Services dba								
Wayne Radiation Oncology Center	22	Wayne	1	4,799	4,799			
Carteret General Hospital (g)	23	Carteret	1	119	119			
CarolinaEast Medical Center	23	Craven	2	12,036	6,018			
Onslow Radiation Oncology	24	Onslow	1	NR	NR			
Nash Day Hospital	25	Nash	2	8,491	4,246			
Roanoke Valley Cancer Center	25	Halifax	1	3,996	3,996			
Wilson Medical Center	25	Wilson	1	5,178	5,178			
Beaufort County Hospital	26	Beaufort	1	4,308	4,308			
Ahoskie Cancer Center	26	Hertford	1	1,758	1,758			
NC Radiation Therapy Management								
Services (prev Carolina Radiation Medicine,								
P.A.) (f) (S)	26	Pitt	1	8,228	8,228			
ECU Brody School of Medicine (S)	26	Pitt	3	18,786	6,262			
Albemarle Hospital	27	Pasquotank	1	5,276	5,276			
Alliance Oncology dba Outer Banks Cancer								
Center	27	Dare	1	2,049	2,049			
TOTALS (71 Facilities, including Murph	y Medical (Center)	119	593,531	4,988			

^{*} Murphy Medical Center stopped operating, and decommissioned, this linear accelerator on May 20, 2009.

- (b) Mission Hospitals received a CON in September 2004 for a CyberKnife linear accelerator; operational in October 2005.
- (c) South Atlantic Radiation Oncology received a CON in August 2005 for a linear accelerator; operational in May 2007.
- (d) Hugh Chatham Memorial Hospital became operational in March 2000 with a leased linear accelerator from NC Baptist Hospitals.
- (e) Maria Parham Hospital received a CON in July 2001 to lease and install one linear accelerator.
- (f) Carolina Radiation Medicine, P.A. became operational in July 1998.
- (g) Carteret General Hospital received a no review in June 1999 to replace a linear accelerator and purchase a simulator. Also received a no-review for a replacement linear accelerator in 2009.
- (h) Gaston Memorial Hospital received a CON in August 1999 to add one linear accelerator.

^{**} CMC will move one linear accelerator to CMC-Union per CON F-007525-06

⁽a) Cape Fear Valley Health System received a CON in May 2004 for the fourth linear accelerator, and CON M-008133-08 on 12/18/2009 to retain a linear accelerator, for a total of five, including a CyberKnife.

Table 9E: Hospital and Free-Standing Linear Accelerators and Radiation Oncology Procedures									
				Number of					
				Procedures					
			Number of	(ESTVs)	Average # of				
	Service		Linear	10/1/2008-	Procedures per				
Facility Name	Area#	County	Accelerators	9/30/2009	Unit				

footnotes, continued:

- (i) Union Regional Medical Center received a CON in April 2000 to acquire one linear accelerator.
- (j) Alamance Regional Medical Center received a CON in August 2002 to add one linear accelerator.
- (k) Forsyth Medical Center received a CON in August 2002 to add one linear accelerator; operational in October 2004.
- (1) Scotland Memorial Hospital became operational in August 2003.
- (m) Randolph Cancer Center received a CON in June 2006 for a linear accelerator.
- (n) Pineville Radiation Therapy Center received a CON in June 2007 for a linear accelerator.
- (o) Cancer Center of Davidson County, LLC received a CON in July 2007 for a linear accelerator.
- (p) East Carolina University Brody School of Medicine received a CON in December 2007 to replace an existing linear accelerator with a CyberKnife linear accelerator.
- (q) UNC Hospitals received a CON in October 2006 to replace an existing linear accelerator with a CyberKnife linear accelerator.
- (r) Carolinas Medical Center NorthEast received a CON in February 2006 to acquire a CyberKnife linear accelerator.
- (s) Lincoln Radiation Oncology Associates received CON 10/27/08 to acquire existing linear accelerator through ownership transfer from Gaston Memorial Hospital, replace the linear accelerator and relocate to Lincoln Radiation Oncology Center.
- (t) Johnston Memorial Hospital Authority received CON # J-8188-08 on 2/24/09.
- (u) Raleigh Hematology Oncology Associates, PC d/b/a Cancer Centers of NC received CON #J-007941-07 in July 2009 for a second linear accelerator.
- (v) Southeastern Regional Medical Center received CON #N-004919-93 on 2/2/94.
- NA Not Applicable, not in operation for appropriate time frame.
- NR No report
- $\boldsymbol{S}\;$ Has at least one linear accelerator configured for stereotactic radiosurgery

Table 9F: Linear Accelerator Service Areas and Calculations

Service Area	2010 Civilian Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2008-2009 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Deter- mination
Area 1	134,472	2	67,236	2.48%	4,971	2,486	-1.26	*
Area 2	392,307	7	56,044	22.92%	33,730	4,819	-2.00	*
Area 3	90,685	1	90,685	7.52%	4,169	4,169	-0.38	*
Area 4	158,151	3	52,717	6.58%	9,498	3,166	-1.59	*
Area 5	367,212	6	61,202	9.04%	25,037	4,173	-2.29	*
Area 6	449,711	5	89,942	4.70%	25,278	5,056	-1.26	*
Area 7	1,135,868	11	103,261	11.88%	62,261	5,660	-1.78	*
Area 8	301,403	4	75,351	29.09%	23,273	5,818	-0.55	*
Area 9	239,766	3	79,922	26.84%	16,380	5,460	-0.57	*
Area 10	642,298	9	71,366	24.05%	51,940	5,771	-1.31	*
Area 11	161,870	1	161,870	0.00%	226	226	-1.00	
Area 12	575,600	7	82,229	25.97%	38,907	5,558	-1.24	*
Area 13	144,241	1	144,241	12.80%	3,803	3,803	-0.44	
Area 14**	197,128	4	49,282	76.71%	25,953	6,488	-0.16	*
Area 15	173,681	2	86,841	10.74%	9,592	4,796	-0.58	*
Area 16	431,433	10	43,143	11.38%	46,089	4,609	-3.17	*
Area 17*	307,168	3	102,389	16.79%	23,896	7,965	0.54	*
Area 18	554,228	7	79,175	13.28%	28,143	4,020	-2.83	*
Area 19*	417,653	4	104,413	13.44%	36,228	9,057	1.37	*
Area 20	1,096,751	8	137,094	16.77%	40,841	5,105	-1.95	
Area 21	173,669	2	86,835	25.00%	2,432	1,216	-1.64	
Area 22	228,058	2	114,029	6.32%	10,659	5,330	-0.42	*
Area 23	189,454	3	63,151	18.63%	12,155	4,052	-1.20	*
Area 24	181,743	1	181,743	0.00%	0	0	-1.00	
Area 25	304,875	4	76,219	6.16%	17,665	4,416	-1.38	*
Area 26	317,172	6	52,862	28.95%	33,080	5,513	-1.10	*
Area 27	152,703	2	76,352	0.82%	7,325	3,663	-0.91	*
Totals	9,519,300	118***	82,777		593,531	5,030	-27.07	0

^{*} Service Area does not have 120,000 base population per accelerator

^{**} Area 14 has more than 45% of its patients coming from outside its service area

^{***} Does not include the linear accelerator decommissioned by Murphy Medical Center on May 20, 2009.

Table 9G: Linear Accelerator Service Areas

Area County 2010 Total Population 1 Cherokee 27,334 Clay 10,732 Graham 8,379 Jackson 38,535 Macon 35,192 Swain 14,300 TOTAL 134,472 2 Buncombe 233,154 Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553 Catawba 159,013	
Population 1	
1 Cherokee 27,334 Clay 10,732 Graham 8,379 Jackson 38,535 Macon 35,192 Swain 14,300 TOTAL 134,472 2 Buncombe 233,154 Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Clay 10,732 Graham 8,379 Jackson 38,535 Macon 35,192 Swain 14,300 TOTAL 134,472 2 Buncombe 233,154 Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Graham 8,379 Jackson 38,535 Macon 35,192 Swain 14,300 TOTAL 134,472 2 Buncombe 233,154 Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Jackson 38,535 Macon 35,192 Swain 14,300 TOTAL 134,472	
Macon 35,192 14,300 TOTAL 134,472 2 Buncombe 233,154 Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Swain 14,300 TOTAL 134,472 2 Buncombe 233,154 Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
TOTAL 134,472 2 Buncombe 233,154 Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
2 Buncombe 233,154 Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Haywood 58,368 Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Madison 20,984 McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
McDowell 45,096 Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Mitchell 16,056 Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Yancey 18,649 TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
TOTAL 392,307 3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
3 Ashe 26,648 Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Avery 18,287 Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Watauga 45,750 TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
TOTAL 90,685 4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
4 Henderson 107,264 Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Polk 19,516 Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Transylvania 31,371 TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
TOTAL 158,151 5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
5 Alexander 37,618 Burke 90,028 Caldwell 80,553	
Burke 90,028 Caldwell 80,553	
Caldwell 80,553	
Lalawba Lagaria	
· · · · · · · · · · · · · · · · · · ·	
,	
· · · · · · · · · · · · · · · · · · ·	
Cleveland 99,150	
Gaston 209,432	
Lincoln 77,001	
TOTAL 449,711	
7 Mecklenburg 909,493	
Anson 25,127	
Union 201,248	
TOTAL 1,135,868	
8 Iredell 159,615	
Rowan 141,788	
TOTAL 301,403	
9 Cabarrus 179,236	
Stanly 60,530	
TOTAL 239,766	
10 Forsyth 361,444	
Davie 42,427	
Stokes 46,958	
Surry 74,368	
Wilkes 67,655	
Alleghany 11,307	
Yadkin 38,139	
TOTAL 642,298	

Table 9G: Linear Accelerator Service Areas

Area	e 9G: Linear Accelerator N	2010
Area	County	Total
		Population
44	D 11	•
11	Davidson	161,870
12	Guilford	483,487
	Rockingham	92,113
	TOTAL	575,600
13	Randolph	144,241
14	Chatham	63,589
	Orange	133,539
1.5	TOTAL	197,128
15	Alamance	150,377
	Caswell	23,304
1.6	TOTAL	173,681
16	Durham	271,696
	Granville	57,662
	Person	38,579
	Vance	43,616
	Warren	19,880
17	TOTAL	431,433
17	Moore	88,376
	Hoke	47,337
	Lee	59,375
	Montgomery	28,128
	Scotland	36,992
	Richmond	46,960
10	TOTAL Cumberland	307,168
18	Bladen	324,289
	Robeson	31,872
		132,122
	Sampson TOTAL	65,945 554,228
19	New Hanover	196,191
19	Brunswick	110,292
	Columbus	56,569
	Pender	54,601
	TOTAL	417,653
20		
20	Wake	920,307
	Franklin Harnett	60,300
	TOTAL	116,144 1,096,751
21	Johnston	173,669
22	Lenoir	56,958
22	Duplin	54,126
	Wayne	116,974
	TOTAL	228,058
23	Craven	101,060
23	Craven	65,388
	Jones	
	Pamlico	10,154
	TOTAL	12,852 189,454
24	Onslow	· · · · · · · · · · · · · · · · · · ·
24	Olisiow	181,743

Table 9G: Linear Accelerator Service Areas

	76. Lilleal Acceleran	71 801 1100 111000
Area	County	2010
		Total
		Population
25	Nash	97,045
	Edgecombe	51,289
	Northampton	20,933
	Halifax	55,019
	Wilson	80,589
	TOTAL	304,875
26	Pitt	161,893
	Beaufort	47,498
	Bertie	20,037
	Greene	21,574
	Hertford	23,953
	Hyde	5,421
	Martin	23,772
	Washington	13,024
	TOTAL	317,172
27	Pasquotank	41,765
	Camden	9,624
	Chowan	14,879
	Currituck	23,218
	Dare	34,136
	Gates	11,750
	Perquimans	13,082
	Tyrrell	4,249
	TOTAL	152,703

Table 9H: Linear Accelerator Inventory for Demonstration Project

Linear Accelerator Service Area	HSA	Provider	Units
Statewide		2009 Adjusted Need Determination	1

There was included in the North Carolina <u>2009 State Medical Facilities Plan</u> a statewide need determination for one dedicated linear accelerator that shall be part of a demonstration project for a model multidisciplinary prostate health center focused on the treatment of prostate cancer, particularly in African American men.

Positron Emission Tomography Scanner

Definition

Positron Emission Tomography (PET) Scanner as defined in General Statute § 131E-176(19a), means "Equipment that utilizes a computerized radiographic technique that employs radioactive substances to examine the metabolic activity of various body structures."

From its introduction in the mid-1980s until the last few years, PET scanning was used more in research than clinical practice. Early clinical applications focused on the heart and the brain.

Now, the clinical use of PET scanning is increasing rapidly, and new applications involve the diagnosis of cancer. At North Carolina's most active PET facilities, the diagnosis of cancer accounts for well over 80 percent of clinical studies.

A PET scanner is a device with multiple radiation detectors designed to detect the two simultaneous photons emitted from the body after a positron annihilation. Positron annihilation occurs after a positron (a sub-atomic particle) is emitted from certain radioactive substances. Such events are recorded over the course of a scan and subsequently reconstructed via computerized techniques into images. These images represent the cross-sectional distribution of the radioactive (positron-emitting) tracer in the body. By measuring the distributions of certain radiotracers in the body some time after they have been administered, PET can be used both to diagnose physical abnormalities and to study body functions in normal subjects.

PET differs from other nuclear medicine both in the type of radiation emitted and in the type of scanner required to detect it. The radioactive tracers used in PET imaging may be produced on-site with a cyclotron (or generator, for some tracers) and appropriate chemistry labs, or may be ordered from commercial distributors, even though all PET tracers are relatively short-lived (110 minutes is the longest half-life). Therefore, the capital costs associated with developing the equipment capable of PET scanning can range from a few hundred thousand dollars (for the gamma camera being upgraded with coincident circuitry to perform PET scans) to less than one million dollars (for a low-end scanner) to several million dollars for a high-end scanner, a cyclotron, and associated chemistry capabilities.

Coincidence cameras are "built" by adding electronic circuitry to gamma cameras. The coincident circuitry makes it a PET system. The coincidence camera is nuclear medicine equipment that is designed, built or modified to detect only the single photon emitted from nuclear events other than positron annihilation. This hybrid machine is used as a gamma camera 90-95 percent of the time to perform non-PET imaging; thus, coincidence cameras are non-dedicated PET scanners.

The first PET scanners were dedicated machines performing only that service, supported by cyclotrons on-site. However, PET scanners also include hybrid machines, performing a variety of nuclear medicine studies and supported by new tracer production facilities housing cyclotrons in stand-alone facilities.

All these machines are PET scanners as defined in G.S. § 131E-176(19a), but they vary widely in their capabilities. The less expensive hybrid devices are capable of disclosing the presence of lesions as small as 1.5 to 2 centimeters, while the better dedicated scanners can disclose lesions as small as 0.5 to 1 centimeter. Because they can provide definitive studies for many patients and because they cost less, hybrid devices have quickly found a market. In fact, there are now over 85 dedicated scanners and more than 200 hybrid devices in the country.

The leading impetus to hybridization is the fact that the technology is rapidly improving. As a result, less expensive devices are now better than their predecessors and higher-end dedicated scanners are being adapted to include computed tomography (CT) scanners, which will give them the capacity to perform, more accurately, the range of studies now performed on hybrid machines. Additionally, mobile PET scanners are available, and the number in operation in the United States is growing.

Dedicated PET scanners are scanners used exclusively for PET imaging. Dedicated PET scanners can be fixed or mobile. Mobile PET scanner means a dedicated PET scanner and its transporting equipment that is moved to provide services at two or more host facilities.

The rapid improvements in the equipment are being driven both by the rate of technological advances and by the steady growth in the number of clinical studies for which the Centers for Medicare and Medicaid Services (CMS) authorizes reimbursement. Among oncologists, oncologic surgeons, and radiation oncologists, PET is already recognized as essential to the diagnosis and treatment of patients with melanoma, colorectal cancer, lung cancer and lymphoma. CMS has approved reimbursement for studies for patients with solitary pulmonary nodules, carcinoma of the lung (non-small cell), melanoma, colorectal cancer, lymphoma, head and neck tumors, esophageal cancer, breast cancer, refractory seizures, perfusion of the heart, and questions concerning myocardial viability.

Facility Inventory-Service Volume

There are 27 approved or operational fixed dedicated PET scanners in North Carolina. Duke University Hospital acquired a cyclotron generated fixed dedicated PET scanner in 1985. During the following years, North Carolina Baptist Hospitals, Carolinas Medical Center and University of North Carolina (UNC) Hospitals also acquired a cyclotron generated fixed dedicated PET scanner each. Pitt County Memorial Hospital, Rex Hospital, Mission Hospitals, New Hanover Regional Medical Center, Catawba Valley / Frye Regional (joint ownership), Cape Fear Valley Medical Center, First Health Moore, Forsyth Medical Center, Moses Cone Health System, Gaston Memorial Hospital, Carolinas Medical Center - NorthEast, CarolinaEast Medical Center (previously Craven Regional Medical Center), The Presbyterian Hospital, High Point Regional and Wake PET Services were approved for each entity to acquire one fixed dedicated PET scanner. Duke University Hospital, Carolinas Medical Center and UNC Hospitals were also approved to acquire a second fixed dedicated PET scanner. There were three additional need determinations in the North Carolina 2006 State Medical Facilities Plan, one each in HSAs II, III, and VI. Alamance Regional Medical Center, Iredell Memorial Hospital, and Nash General Hospital were approved in 2007 to acquire fixed dedicated PET/CT scanners. The reported number of procedures performed on these fixed dedicated PET scanners for the years ending 9/30/2006, 9/30/2007, 9/30/2008 and 9/30/2009 are reflected in Table 9I. Table 9I is

followed by Tables 9J(1) and 9J(2), which reflect the reported number of procedures performed on mobile dedicated PET scanners for the years ending 9/30/2006, 9/30/2007, 9/30/2008 and 9/30/2009.

Fixed Dedicated PET Scanner Need Methodology

A fixed PET scanner's service area is the Health Service Area (HSA) in which the scanner is located. The HSAs are the six multi-county groupings as defined in Appendix A of the North Carolina 2011 State Medical Facilities Plan.

A mobile PET scanner's service area is the planning region in which the scanner is located. There are two mobile PET scanner planning regions, the west region (HSAs I, II, and III) and the east region (HSAs IV, V, and VI).

One additional fixed dedicated PET scanner is needed for each existing fixed dedicated PET scanner that was utilized at or above 80 percent of capacity during the 12-month period reflected in the owner's 2010 Hospital Licensure Renewal Application on file with the North Carolina Division of Health Service Regulation. The North Carolina State Health Coordinating Council approved a change in the annual capacity for fixed dedicated PET scanners from 2,600 to 3,000 procedures. For the purposes of this determination, the annual capacity of a fixed dedicated PET scanner is 3,000 (3,000 X .80 = 2,400) procedures.

The standard methodology used to determine need for fixed PET scanners is calculated as follows:

Methodology Part 1:

Step 1: Determine the planning inventory of all fixed PET scanners in the state, to include existing fixed PET scanners in operation, approved fixed PET scanners for which a certificate of need was issued but is pending development, and fixed PET scanners for which no certificate of need has been issued, because the decision on a need determination in a previous year is under review or appeal.

Step 2: For each facility at which a PET scanner is operated, determine the total number of procedures performed on all fixed PET scanners located at each facility as reported for the 12-month period reflected in the Hospital License Renewal Application or Registration and Inventory of Equipment on file with the North Carolina Division of Health Service Regulation.

Step 3: Multiply the number of fixed PET scanners at each facility by 3,000 procedures to determine the PET scanner capacity at each facility.

¹ The need generated by this part of the methodology may be met by any applicant, and not just the owner or operator of the scanner that has achieved the target utilization.

- Step 4: Divide the total number of PET scanner procedures performed at each facility, as determined in Step 2, by the capacity calculated in Step 3. Multiply the results by 100 to convert the numbers to a utilization percentage.
- Step 5: A need is determined for an additional fixed PET scanner if the utilization percentage is 80 percent or greater at a facility, except as provided in Step 8 for both parts of the methodology combined.

Methodology Part 2:

- Step 6: Identify each major cancer treatment facility, program or provider in the state, i.e., providers that operate two linear accelerators and performed over 12,500 ESTV procedures in the 12-month period reflected on the Hospital License Renewal Application or Equipment Registration and Inventory Form.
- Step 7: A need is determined for one additional fixed PET scanner if a major cancer treatment facility, program or provider identified in Step 6 is hospital-based and does not own or operate a fixed dedicated PET scanner, except as provided in Step 8 for both parts of the methodology combined.²
- Step 8: The maximum need determination for a single HSA in any one year will be no more than two additional fixed PET scanners regardless of the numbers generated individually by each part of the methodology.

Need Determinations

The first part of the methodology indicates that there is no need for additional fixed dedicated PET scanners anywhere in the state. The second part of the methodology indicates that there is no need for any additional fixed dedicated PET scanners anywhere in the state. There is no need for any additional mobile dedicated PET scanners anywhere in the state.

² The need generated by this part of the methodology may be met by any applicant, and not just a major cancer treatment facility, program, or provider that does not own or operate a fixed dedicated PET scanner.

Table 9I: PET Scanner Utilization of Existing Fixed Dedicated Scanners

10010 / 11 1 1 1 1		<u> </u>			8	12104	Dedicated Scali	
		Proce	edures			Inventory	Utilization Rate	Determination by Criteria-80%
Center	2005-	2006-	2007-	2008-	HSA	ven	2009 Procedures/	of Present
	2006	2007	2008	2009		In	3000 as Capacity	Capacity
Mission Hospitals (f)	1,003	1,607	1,674	1,710	I	1	57.00%	1 7
Catawba Valley/ Frye Regional (j)	1,258	1,574	1,597	1,539	I	1	51.30%	
N.C. Baptist Hospitals	1,477	1,919	2,011	2,151	II	1	71.70%	
Moses Cone Health System (o)	1,760	1,955	2,161	2,105	II	1	70.17%	
Forsyth Medical Center (p)	2,417	2,983	3,208	3,762	II	2	62.70%	
High Point Regional (r)	574	785	1,101	1,278	II	1	42.60%	
Alamance Regional Medical Center								
(u)	374	480	37	618	II	1	20.60%	
Carolinas Medical Center (a), (k)	3,635	3,654	3,510	3,392	III	2	56.53%	
								mobile procedures
CMC-Union (w)				0	III	1	0.00%	only
Gaston Memorial Hospital/CIS								
Summit (m)	846	984	870	929	III	1	30.97%	
CMC-NorthEast Medical Center (n)	615	818	868	1,046	III	1	34.87%	
Presbyterian Hospital (q)	1,988	2,173	2,062	2,126	III	1	70.87%	
Iredell Memorial Hospital (t)		NA	306	560	III	1	18.67%	
Duke University Hospital (d)	3,596	3,858	3,924	4,272	IV	2	71.20%	
UNC Hospitals (b)	1,386	1,878	2,081	2,682	IV	2	44.70%	
Rex Hospital (e)	1,913	2,139	1,704	1,887	IV	1	62.90%	
Wake PET Services, Wake								
Radiology Oncology, Wake								
Radiology (s)	NA	NA	NA	324	IV	1	10.80%	
New Hanover Regional Medical								
Center (g)	755	895	1,020	1,023	V	1	34.10%	
Cape Fear Valley Medical Center	2.060	2.269	1.672	1 740	X 7	,	5 0.000/	
(h)	2,069	2,268	1,672	1,740	V	1	58.00%	
First Imaging of the Carolinas (i)	550	865	1,036	1,147	V	1	38.23%	
Pitt County Memorial (c)	832	981	1,120	1,293	VI	1	43.10%	
CarolinaEast Medical Center (1)	831	852	869	1,048	VI	1	34.93%	
	22.5	4.5.1					5 005-1	mobile
Nash General Hospital (v)	336	421	0	237	VI	1	7.90%	procedures, too
TOTAL	28,215	33,089	32,831	30,869		27		0

- (a) Approved for additional scanner in November 2001.
- (b) Approved for scanner in June 2000 and additional scanner under Policy AC-3 in November 2005.
- (c) Approved for scanner in August 2001.
- (d) Approved for additional scanner under Policy AC-3 in September 2002.
- (e) Approved for scanner in September 2002.
- (f) Approved for scanner in January 2003.
- (g) Operational in October 2004.
- (h) Approved for scanner in August 2003. Different method used for counting procedures in 2008.
- (i) Approved for scanner in December 2004.
- (j) Approved for scanner in July 2003.
- (k) Approved for replacement of a scanner in June 2003.

- (1) Approved for scanner in October 2003.
- (m) Approved for scanner in December 2003.
- (n) Approved for scanner in December 2003.
- (o) Operational in October 2004.
- (p) Approved for scanners in June 2004 and November 2008.
- (q) Approved for scanner in June 2004.
- (r) Approved for scanner in January 2005.
- (s) Approved for scanner in November 2005.
- (t) Approved for scanner in January 2007.
- (u) Approved for scanner in April 2007.
- (v) Approved for scanner in May 2007.
- (w) Approved for scanner in April 2009.

Table 9J(1): PET Scanner Provider of Mobile Dedicated Scanners

		SS	>-	Utilization Rate
PET		dure	entory	Year 2009
Scanners		Procedure	>	Procedures /
Planning Region	Provider	Pr	Ϊ́Ι	2600 as Capacity
1 (HSAs I, II, III)	Alliance Imaging	2,821	1	
2 (HSAs IV, V, VI)	Alliance Imaging	2,437	1	
TOTAL		5,258	2	

Table 9J(2): PET Scanner Sites Utilization of Existing Mobile Dedicated Scanners

Center	2005- 2006	2006- 2007	2007- 2008	2008- 2009	HSA	Sites	Utilization Rate Year 2009 Procedures/ 2600 as Capacity	Need Determination by Criteria - 80% of Present Capacity
Caldwell Memorial Hospital		78	143	159	I	1	6%	
Cleveland Regional	67	190	278	358	I	1	14%	
Grace Hospital	101	78	93	68	I	1	3%	
Margaret Pardee	113	178	141	162	I	1	6%	
Park Ridge	91	216	205	210	I	1	8%	
Rutherford Hospital			6	128	I	1	5%	
Valdese Hospital	101	105	108	109	I	1	4%	
Watauga Medical Center	101	123	138	118	I	1	5%	
West Care Harris Regional	197	241	251	243	I	1	9%	
Alamance Regional	374	471	440	0	II	0	0%	
Hugh Chatham	84	103	138	108	II	1	4%	
Northern Hospital Surry	90	129	189	250	II	1	10%	
CMC - Union	60	350	350	298	III	1	11%	
Lake Norman Medical Center		121	199	217	III	1	8%	
Rowan Regional	290	443	517	393	III	1	15%	
Duke Raleigh Hospital	303	375	554	548	IV	1	21%	
Johnston Memorial				10	IV	1	0%	
Scotland Memorial	93	155	117	123	V	1	5%	
Southeastern Regional	268	274	290	315	V	1	12%	
Albemarle Hospital	261	268	250	217	VI	1	8%	
Lenoir Memorial Hospital			235	197	VI	1	8%	
Nash General Hospital	336	423	434	274	VI	1	11%	
Wayne Memorial	190	274	418	406	VI	1	16%	
Wilson Medical Center	292	267	321	347	VI	1	13%	
TOTAL	3,412	4,862	5,815	5,258		23		0

Magnetic Resonance Imaging

Introduction

Magnetic Resonance Imaging (MRI) technology is mobile and apparently is financially feasible at relatively small-volume mobile sites. Geographic accessibility is a significant planning issue, and it is important to assure that the rural areas of the state have the opportunity to access this important technology through both fixed and mobile scanners, as it has become the standard of care.

The methodology that is used allows the addition of a fixed MRI scanner at a fixed site within the same MRI service area.

The Technology

Nuclei of atoms in various structures of the human body resonate differentially when exposed to a strong magnetic field. MRI devices register these differences in response as images for use in making diagnoses. Use of MRI technology has grown rapidly because it does not expose patients to ionizing radiation, and because of the quality of images it obtains. In 1983, there were only two MRI programs in North Carolina, performing a total of 531 procedures. In 2008-2009, fixed and mobile scanners were reported as providing 828,805 procedures.

An MRI procedure is defined as a single discrete MRI study of one patient (single CPT coded procedure). An MRI study means one or more scans relative to a single diagnosis or symptom.

An MRI procedure is a single MRI procedure performed on one defined body part during one visit. Each MRI procedure must be directly linked to a single billable CPT code associated with an MRI procedure. For example, an MRI brain scan with and without contrast is a single procedure with a single CPT code.

For reporting verification, each reporting site will provide the number of scans performed annually for all CPT codes by volume on Hospital License Renewal Applications and Registration and Inventory of Medical Equipment Forms for Fixed (Non-Hospital) and Mobile MRI Providers.

Assessment

Mobile MRI

Because of the availability of mobile units, it appears that MRI technology is accessible within a reasonable distance and travel time to all of the population of North Carolina. Several mobile sites in operation all of 2008-2009 reported fewer than 200 procedures.

Mobile MRI scanner means an MRI scanner and transporting equipment that is moved at least weekly to provide services at two or more host facilities.

Some sites that initiated MRI service with mobile units have installed fixed scanners as volumes increased. Because of the need to house a unit in a specially constructed building or area of a building, the cost of each such new fixed facility may exceed \$2,000,000.

Fixed MRI Units

Fixed MRI scanner means an MRI scanner that is not a mobile MRI scanner. The principal capital expenditure issue with respect to fixed MRI units is the volume of procedures, which warrants the acquisition of an additional magnet.

Definition of an MRI Service Area

A fixed MRI Service Area is the same as an Acute Care Bed Service Area as defined in Chapter 5, Acute Care Beds, and shown in Figure 5.1. The fixed MRI service area is a single county, except where there is no licensed acute care hospital located within the county. Counties lacking a licensed acute care hospital are grouped with the single county where the largest proportion of patients received inpatient acute care services, as measured by acute inpatient days, unless two counties with licensed acute care hospitals each provided inpatient acute care services to at least 35 percent of the residents who received inpatient acute care services, as measured by acute inpatient days. In that case, the county lacking a licensed acute care hospital is grouped with both the counties which provided inpatient acute care services to at least 35 percent of the residents who received inpatient acute care services, as measured by acute inpatient days. The three most recent years of available acute care days patient origin data are combined and used to create the multicounty service areas. These data are updated and reviewed every three years, with the first update occurring in the North Carolina 2011 State Medical Facilities Plan.

Basic Assumptions of the Methodology

- 1. Facilities that currently offer mobile MRI services, but have received the transmittal of a certificate of need for a fixed MRI scanner are included in the inventory as a fixed MRI scanner in Table 9K.
- 2. A placeholder of one MRI scanner is placed in Table 9K for each new fixed MRI scanner for which a certificate of need has been issued even if the scanner is not operational. All procedures performed by a single licensed entity are counted as performed at a single site, even if MRI services are provided at more than one site.
- 3. The need determination for any one service area under the methodology for Fixed MRI Scanner Utilization shall not exceed one MRI scanner per year, unless there is an adjusted need determination approved for a specific MRI service area.
- 4. A facility that offers MRI services on a full-time basis pursuant to a service agreement with an MRI provider is not precluded from applying for a need determination in the North Carolina 2011 State Medical Facilities Plan to replace the existing contracted service with a fixed MRI scanner under the applicant's ownership and control. It is consistent with the purposes of the Certificate of Need law and the State Medical

Facilities Plan for a facility to acquire and operate an MRI scanner to replace such a contracted service, if the acquisition and operation of the facility's own MRI scanner will allow the facility to reduce the cost of providing the MRI service at that facility.

Methodology for Determining Need

The methodology includes need thresholds arranged in tiers based on the number of scanners, weighting of procedures based on complexity, and a component addressing MRI service areas that have no fixed MRIs, but have mobile MRI scanners serving the area. The methodology for determining need is based on fixed and mobile procedures performed at hospitals and freestanding facilities with fixed MRI scanners and procedures performed on mobile MRI scanners at mobile sites in the MRI service areas. In addition, equivalent values for mobile scanners in MRI service areas are found in the column labeled Fixed Equivalent in Table 9K.

MRI Tiered Planning Thresholds

Acute Care Bed Service Area Fixed Scanners	Inpatient and Contrast Adjusted Thresholds	Planning Threshold
4 and over	4,805 ¹	70.0%
3	$4,462^2$	65.0%
2	$4,118^3$	60.0%
1	3,775 ⁴	55.0%
0	$1,716^{5}$	25.0%

The above tiering is based on the assumption that the time necessary to complete 1.0 MRI procedure (a basic outpatient procedure without contrast) is 30 minutes, or an average throughput of two procedures per hour on an MRI scanner. Capacity of a single MRI scanner is defined as that of an MRI scanner being available and staffed for use at least 66 hours per week, and 52 weeks per year. The resulting capacity of a fixed MRI scanner is defined below:

Annual Maximum Capacity of a Single Fixed MRI Scanner = 66 hours per week x 52 weeks x 2 procedures per hour = 6,864 procedures annually

This definition of capacity represents 100 percent of the procedure volume the equipment is capable of completing, given perfect scheduling, no machine or room downtime, no cancellations, no patient transportation problems, no staffing or physician delays and no MRI

 $^{^{1}}$ 6,864 X 70% = 4,805

 $^{^{2}}$ 6,864 X 65% = 4,462

 $^{^{3}}$ 6,864 X 60% = 4,118

 $^{^{4}}$ 6,864 X 55% = 3,775

^{5 6.864} X 25% = 3,775

procedures outside the norm. Procedure totals are from the 2010 Hospital Licensure Renewal Application or the 2010 MRI Registration and Inventory of Medical Equipment form as submitted to the North Carolina Division of Health Service Regulation concerning equipment registration and inventory, and number of procedures.

The table below indicates the weighting values assigned to the procedure type:

Weighting System

PROCEDURE TYPE	BASE WEIGHT	INPATIENT WEIGHT	CONTRAST WEIGHT	PROCEDURE TIME MINUTES
Outpatient/No	1.0	0.0	0.0	30
Contrast/Sedation				
Outpatient/With	1.0	0.0	.4 (Add 12	42
Contrast/Sedation			minutes)	
Inpatient/No	1.0	.4 (Add 12	0.0	42
Contrast/Sedation		minutes)		
Inpatient/With	1.0	.4 (Add 12	.4 (Add 12	54
Contrast/Sedation		minutes)	minutes)	

Procedures with contrast include those with sedation as reported in the annual Hospital Licensure Renewal Application and the annual MRI Registration and Inventory of Medical Equipment form.

Need Determination

The standard methodology used to determine need for fixed MRI scanners is calculated as follows:

- Step 1: Determine the number of clinical fixed and mobile MRI scanners in each MRI service area by site to include: existing fixed or mobile MRI scanners in operation, approved fixed or mobile MRI scanners for which a certificate of need was issued but is pending development, and fixed MRI scanners for which no certificate of need has been issued because the decision regarding a need determination in a previous year is under review or appeal. The inventory shall exclude: MRI scanners used for research only, non-clinical MRI scanners, and MRI scanners awarded based on need determinations for a dedicated purpose or demonstration project.
- Step 2: Convert the number of fixed and mobile MRI scanners to fixed equivalent magnets as follows:
 - a. For each existing fixed MRI scanner, assign a value of one fixed equivalent magnet;
 - b. For each approved fixed MRI scanner, assign a value of one fixed equivalent magnet, even though the site may be receiving mobile services temporarily until the fixed scanner is operational. [Note:

The mobile services are not listed separately from the approved fixed MRI scanner if the mobile unit will no longer be used when the fixed MRI scanner is operational.]

- c. For each existing mobile MRI scanner site, calculate the fixed equivalent for each mobile site by dividing the number of MRI scans performed at each site by the threshold for the MRI service area, with the exception that the fixed equivalent shall be no greater than one; and
- d. For each approved mobile MRI scanner site, at which services have not started, calculate the days to be operated at the site as a fraction of the total days of service to be provided by the approved mobile MRI scanner. [For example, if a certificate of need has been awarded to a provider to serve six different sites in the state for one day per week at each site, the fixed equivalent for each approved site in the state is 0.17 (1/6=0.1666). If the mobile is approved to serve two sites for three days per week at each site, the fixed equivalent for each site is 0.50 (3/6=0.50).]
- Step 3: Sum the number of fixed equivalent magnets for each MRI service area.
- Step 4: Determine the total number of MRI scans performed at each site regardless of whether the MRI scanner is fixed or mobile, as reported in the 2010 Hospital License Renewal Applications or 2010 MRI Registration and Inventory forms. If procedures are provided in a county that is part of more than one MRI service area, the procedures will be divided equally between the MRI service areas.
- Step 5: Of the total number of MRI scans performed, determine the number of MRI scans performed by type (i.e., inpatient, outpatient, with contrast or sedation, no contrast or sedation) as reported in the 2010 Hospital License Renewal Applications or 2010 MRI Registration and Inventory forms.
- Step 6: For each site, multiply the number of inpatient MRI scans by 0.40 to calculate the inpatient adjustment.
- Step 7: For each site, multiply the number of contrast or sedation scans by 0.40 to calculate the contrast adjustment.
- Step 8: For each site, sum the total number of MRI scans performed (Step 4), the inpatient adjustment (Step 6), and the contrast adjustment (Step 7) to calculate the total number of adjusted MRI procedures for each site.
- Step 9: For each service area, sum the number of adjusted total MRI procedures for all sites in the MRI service area.

- Step 10: Calculate the average number of adjusted total MRI procedures per MRI scanner in the service area by dividing the adjusted total procedures for the service area (Step 9) by the sum of fixed equivalent magnets in the service area (Step 3).
- Step 11: Determine the utilization threshold for the service area based only on the number of existing, approved and pending fixed MRI scanners located in the service area as identified in Step 1:
 - 4+ fixed MRI scanners 4,805 threshold
 - 3 fixed MRI scanners 4,462 threshold
 - 2 fixed MRI scanners 4,118 threshold
 - 1 fixed MRI scanner -3,775 threshold
 - 0 fixed MRI scanners 1,716 threshold
- Step 12: Compare the area average procedures per fixed equivalent magnet (Step 10) with the threshold for the MRI service area (Step 11). If the area average procedure per magnet is greater than or equal to the service area threshold, a need is determined for one additional MRI scanner in the service area.

The tables reflect the MRI service areas. The standard methodology resulted in a need determination in Table 9K for one additional fixed MRI scanner each in Gaston, Mecklenburg, and Pitt-Greene-Hyde service areas. There is no need for any additional fixed MRI scanners anywhere else in the state. There is no need for any additional mobile MRI scanners anywhere in the state.

Tables

The following tables are included in this section of the chapter: Table 9K: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents; Table 9L (1), Inventory of MRI Scanners for Cardiovascular Clinical Research Use Pursuant to Policy AC-3 in the North Carolina 2001 State Medical Facilities Plan; Table 9L (2), Inventory of Dedicated Breast MRI Scanners Pursuant to Adjusted Need Determination in the North Carolina 2002 State Medical Facilities Plan and the North Carolina 2006 State Medical Facilities Plan; Table 9L (3) Inventory of Dedicated Pediatric MRI Scanner Pursuant to Adjusted Need Determination in the North Carolina 2005 State Medical Facilities Plan; Table 9L (4) Inventory of Demonstration Project for a Fixed Extremity MRI Scanner Pursuant to Adjusted Need Determination in the North Carolina 2006 State Medical Facilities Plan; Table 9L (5), Inventory of MRI Scanners Dedicated for Radiation Oncology and Use in Operating Room Suite; Table 9L (6): Inventory of Fixed Multi-Position MRI Scanners Dedicated For Two Demonstration Projects; and Table 9M, Fixed MRI Scanners Need Determination.

			Fixed and Mobile Procedu										T	
Service Area		CON#	Service Site (Provider/Owner)		Fixed	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt	Adjusted Total	Area Avg Procs	Threshold	MRI
Alamance	Type Hospital	G-006214-00	Alamance Regional Medical	Magnet 2	2.00		3,294	1,909	569	575	7,798	FIUCS	Threshold	Need
Alamance	Fixed	0 000214 00	Center	2	2.00	0,547	3,294	1,909	309	373	7,790			
Alamance	Mobile	G-007053-04	Alamance Regional Mebane Outpatient (Alamance Regional Medical Center)	0	0.06	230	152	72	0	0	253			
Alamance	Mobile	G-007053-04	Alamance Regional Medical Center	0	0.07	295	189	106	0	0	337			
Alamance	Mobile	Grandfathered	Atlantic Diagnostic-Burlington (Alliance HealthCare Services)	0	0.05	221	169	52	0	0	242			
Alamance	Mobile	Grandfathered	Atlantic Diagnostic-Burlington (Alliance HealthCare Services)	0	0.10	419	338	81	0	0	451			
Alamance	Mobile	Grandfathered	Atlantic Diagnostic-Burlington (Alliance HealthCare Services)	0	0.00	16	13	3	0	0	17			
Alamance	Mobile	Grandfathered	Atlantic Diagnostic-Burlington (Alliance HealthCare Services)	0	0.07	277	220	57	0	0	300			
Alamance	1			2	2.35	7,805		1	"		9,399	3,999	4,118	0
Alexander	Mobile	R-007059-04	Alexander County Public Health Dept (Frye Regional Medical Center)	0	0.01	23	21	2	0	0	24			
Alexander				0	0.01	23					24	24	1,716	0
			No Service Site											
Alleghany													1,716	0
Anson	Mobile	F-006868-03	Anson Community Hospital (Carolinas Imaging Services, LLC)	0	0.08	137	118	10	9	0	145			
Anson	1			0	0.08	137		1		<u> </u>	145	145	1,716	0
Ashe	Hospital Fixed	D-008162-08	Ashe Memorial Hospital, Inc.	1	1.00	0	0	0	0	0	0			
Ashe	Mobile	G-007038-04	Ashe Memorial Hospital (Alliance HealthCare Services)	0	0.14	515	332	153	15	15	594			
Ashe	Mobile	G-006271-00	Ashe Memorial Hospital (Alliance HealthCare Services)	0	0.14	535	362	135	25	13	609			
Ashe	Mobile	Grandfathered	Ashe Memorial Hospital (Allliance HealthCare Services)	0	0.01	26	21	5	0	0	28			
Ashe				1	1.29	1,076					1,232	955	3,775	0
Avery	Mobile	G-007038-04	Charles A. Cannon Memorial Hospital (Alliance HealthCare Services)	0	0.08		184	27	17	5	255			
Avery	Mobile	G-006271-00	Charles A. Cannon Memorial Hospital (Alliance HealthCare Services)	0	0.17	295	213	57	15	10	332			

		1	red and Mobile Procedu											
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast		Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Avery	Mobile	Grandfathered	Charles A. Cannon Memorial Hospital (Allliance HealthCare Services)	0	0.00	5	3	2	0	0	6			
Avery				0	0.25	433			•		592	592	1,716	0
Beaufort	Hospital Fixed	Q-005992-99	Beaufort County Medical Center	1	1.00	2,245	1,599	462	79	105	2,545			
Beaufort	Mobile	Q-006884-03	Pungo District Hospital (Alliance HealthCare & University Health Systems of Eastern NC)	0	0.08	312	231	56	17	8	348			
Beaufort	Mobile	Grandfathered	Pungo District Hospital (Alliance HealthCare Services)	0	0.00	6	6	0	0	0	6			
Beaufort/Hyde	е			1	1.08	2,563					2,899	2,684	3,775	0
Bertie	Mobile	Q-006884-03	Bertie Memorial Hospital (Alliance HealthCare & University Health Systems of Eastern NC)	0	0.23	388	322	49	7	10	418			
Bertie				0	0.23	388					418	418	1,716	0
Bladen	Mobile	J-007013-04	Bladen County Hospital (WakeMed Health and Hospitals)	0	0.24	407	333	63	3	8	440			
Bladen				0	0.24	407		l.			440	440	1,716	0
Brunswick	Hospital Fixed	O-006658-02	Brunswick Community Hospital, LLC	1	1.00	2,727	1,761	679	194	93	3,151			
Brunswick	Hospital Fixed	Grandfathered (Alliance)	J. Arthur Dosher Memorial Hospital (per 2/12/09 declaratory ruling)	1	1.00	1,269	856	390	8	15	1,440			
Brunswick	Mobile	Grandfathered	Arthur Dosher Memorial Hospital (Alliance HealthCare Services)	0	0.02	98	68	30	0	0	110			
Brunswick	Mobile	F-007001-04	Arthur Dosher Memorial Hospital (Alliance HealthCare Services)	0	0.18	742	486	240	6	10	848			
Brunswick	Mobile	Grandfathered	Arthur Dosher Memorial Hospital (Alliance HealthCare Services)	0	0.01	52	29	23	0	0	61			
Brunswick	Mobile	Grandfathered	Arthur Dosher Memorial Hospital (Alliance HealthCare Services)	0	0.01	41	29	12	0	0	46			
Brunswick	Mobile	Grandfathered	Arthur Dosher Memorial Hospital (Alliance HealthCare Services)	0	0.09	359	250	88	2	3	381			
Brunswick	Mobile	O-6434-01	North Carolina Diagnostic Imaging - Waterford (Cape Fear Diagnostic Imaging, Inc.)	0	0.10	422	312	110	0	0	466			
Brunswick				2	2.41	5,710					6,504	2,699	4,118	0
Buncombe	Hospital Fixed	B-006215-00	Memorial Mission-St. Joseph	1	1.00	2,659	896	364	758	641	3,621			
Buncombe	Hospital Fixed	B-006869-03	Mission Hospitals	2	2.00	7,350	2,691	1,508	1,910	1,241	9,710			

		Table 9K: MRI Fix	red and Mobile Procedu					iered Th	resholds	and Fix	ed Equiv			
Service Area	Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MR Nee
Buncombe	Freestand- ing Fixed	B-004178-90	Asheville MRI [procedures for both units reported here]	1	1.00	9,658	5,542	4,116	0	0	11,304			
Buncombe	Freestand- ing Fixed	B-006446-01	Asheville MRI [procedures reported on other unit]	1	1.00	0	0	0	0	0	0			
Buncombe	Freestand- ing Fixed	B-006440-01	Asheville Open MRI, Inc.	1	1.00	3,856	3,542	314	0	0	3,982			
Buncombe	Freestand- ing Fixed	B-005492-96	Asheville Open MRI, Inc.	1	1.00	6,470	5,554	916	0	0	6,836			
Buncombe	Freestand- ing Fixed	B-006643-02	Asheville Orthopaedic Associates (InSight Health Corp)	1	1.00	1,268	1,237	31	0	0	1,280			
Buncombe	Freestand- ing Fixed	B-005583-97	Mountain Neurosurgical and Spine Center	1	1.00	3,483	1,973	1,510	0	0	4,087			
Buncombe	Freestand- ing Fixed	B-006444-01	Skyland MRI	1	1.00	376	344	32	0	0	389			
Buncombe	Mobile	Grandfathered	Park Ridge Hospital (Alliance HealthCare Services)	0	0.06	279	265	14	0	0	285			
Buncombe	Mobile	G-006271-00	Park Ridge Hospital (Alliance HealthCare Services)	0	0.00	6	6	0	0	0	6			
Buncombe	Mobile	F-005723-97	Southeastern Sports Medicine (InSight Health Corp)	0	0.04	180	177	3	0	0	181			
Buncombe/G	raham/Mac	lison/Yancey		10	10.10	35,585					41,681	4,127	4,805	0
Burke	Hospital Fixed	E-006961-03	Grace Hospital, Inc.	1	1.00	2,679	1,821	421	305	132	3,075	·		
Burke	Hospital Fixed	E-007203-05	Valdese General Hospital, Inc.	1	1.00	1,624	1,003	298	221	102	1,913			
Burke	Mobile	E-007006-04	Blue Ridge Radiology	0	0.48	1,985	1,222	763	0	0	2,290			
Burke	Mobile	Grandfathered	Carolina Orthopaedic Specialists (Alliance HealthCare Services)	0	0.15	619	569	50	0	0	639			
Burke	Mobile	Grandfathered	Carolina Orthopaedic Specialists (Allliance HealthCare Services)	0	0.01	42	41	1	0	0	42			
Burke	Mobile	E-008230-08	Carolina Orthopaedic Specialists	0	0.02	74	70	4	0	0	76			
Burke				2	2.66	7,023					8,035	3,021	4,118	0
Cabarrus	Hospital Fixed	F-005933-98; F-006629- 02; F-007086-04	CMC-NorthEast, Inc.	4	4.00	21,487	8,373	7,346	2,340	3,428	28,104	2,021	.,	
Cabarrus	Freestand- ing Fixed	F-007088-04	Access Medical Imaging	1	1.00	1,706	1,252	454	0	0	1,888			

			Fixed and Mobile Procedu											
Service Area		CON#	Service Site					Outpt	Inpt No	Inpt	Adjusted	_	Th	MRI
Cabannia	Type	F-005916-98	(Provider/Owner) Cabarrus Diagnostic Imaging	Magnet		Scans	Contrast	287	Contrast 0			Procs	Threshold	Nee
Cabarrus	ing Fixed	F-003910-90	Cabarrus Diagnostic imaging	1	1.00	1,870	1,583	201	0	0	1,985			
Cabarrus	Freestand- ing Fixed	F-007859-07	Southern Piedmont Imaging	1	1.00	0	0	0	0	0	0			
Cabarrus	Mobile	F-6734-03	Carolina NeuroSurgery & Spine Associates	0	0.16	761	548	213	0	0	846			
Cabarrus	Mobile	Grandfathered	Northeast Orthopaedics (InSight Health Corp)	0	0.07	323	311	12	0	0	328			
Cabarrus	Mobile	F-005723-97	Northeast Orthopaedics (InSight Health Corp)	0	0.14	672	647	25	0	0	682			
Cabarrus				7	7.37	26,819					33,832	4,591	4,805	0
Caldwell	Hospital Fixed	E-007222-05	Caldwell Memorial Hospital Inc.	1	1.00	2,834	1,641	752	334	107	3,354	1,000	,,,,,	
Caldwell	Mobile	Grandfathered	Carolina Orthopaedic Specialists (Alliance HealthCare Services)	0	0.33	1,260	1,149	111	0	0	1,304			
Caldwell	Mobile	Grandfathered	Carolina Orthopaedic Specialists (Allliance HealthCare Services)	0	0.02	58	49	9	0	0	62			
Caldwell	Mobile	E-008230-08	Carolina Orthopaedic Specialists- Lenoir (Carolina Orthopaedic Specialists)	0	0.04	147	135	12	0	0	152			
Caldwell			,	1	1.39	4,299					4,872	3,505	3,775	0
Carteret	Hospital Fixed	P-005282-95	Carteret General Hospital	1	1.00	3,339	1,543	1,080	272	444	4,235			
Carteret	Freestand- ing Fixed	P-008049-08	Carteret General Hospital and Seashore Imaging	1	1.00	0	0	0	0	0	0			
Carteret	Mobile	Grandfathered	Atlantic Diagnostic (Alliance HealthCare Services)	0	0.28	1,158	984	174	0	0	1,228			
Carteret	Mobile	Grandfathered	Atlantic Diagnostic-Morehead (Alliance HealthCare Services)	0	0.18	752	665	87	0	0	787			
Carteret	Mobile	Grandfathered	Atlantic Diagnostic-Morehead (Alliance HealthCare Services)	0	0.00	15	9	6	0	0	17			
Carteret	Mobile	O-6434-01	Atlantic Diagnostic-Morehead City (Cape Fear Diagnostic Imaging, Inc.)	0	0.07	301	0	0	0	0	0			
Carteret	Mobile	J-007013-04	Carteret County Hospital (WakeMed Health and Hospitals)	0	0.01	38	35	3	0	0	39			
Carteret				2	2.54	5,603					6,306	2,483	4,118	0
Catawba	Hospital Fixed	E-007270-05	Catawba Valley Medical Center	2	2.00	6,629	3,247	2,502	438	442				

			ed and Mobile Procedu											T
Service Area		CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Contrast	Outpt Contrast	Inpt No	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI
Catawba	Type Hospital	E-004812-93; E-005922-	Frye Regional Medical Center	wagnet 2	2.00		1,905	1,126	531	812	5,686	FIOUS	inresnoia	Neec
Catawba	Fixed	98	Trye regional Medical Contes	2	2.00	4,574	1,903	1,120	331	012	3,000			
Catawba	Mobile	Grandfathered	Carolina Orthopaedic Specialists (Alliance HealthCare Services)	0	0.29	1,371	1,206	165	0	0	1,437			
Catawba	Mobile	Grandfathered	Carolina Orthopaedic Specialists (Alliance HealthCare Services)	0	0.14	568	87	0	0	0	87			
Catawba	Mobile	Grandfathered	Carolina Orthopaedic Specialists (Allliance HealthCare Services)	0	0.01	64	60	4	0	0	66			
Catawba	Mobile	Grandfathered	Carolina Orthopaedic Specialists (Allliance HealthCare Services)	0	0.01	46	36	10	0	0	50			
Catawba	Mobile	E-008230-08	Carolina Orthopaedic Specialists- Hickory (Carolina Orthopaedic Specialists)	0	0.03	131	120	11	0	0	135			
Catawba	Mobile	E-008230-08	Carolina Orthopaedic Specialists- Newton (Carolina Orthopaedic Specialists)	0	0.02	88	76	12	0	0	93			
Catawba	Mobile	R-007059-04	Frye Care (Frye Regional Medical Center)	0	0.55	2,660	1,652	1,008	0	0	3,063			
Catawba	Mobile	G-007038-04	Hickory Orthopaedic Center (Alliance HealthCare Services)	0	0.15	722	637	85	0	0	756			
Catawba	Mobile	G-006271-00	Hickory Orthopaedic Center (Alliance HealthCare Services)	0	0.11	529	467	62	0	0	554			
Catawba				4	5.31	17,182					20,086	3,783	4,805	0
Chatham	Mobile	Grandfathered	Chatham Hospital (Alliance HealthCare Services)	0	0.22	370	271	82	13	4	411			
Chatham	Mobile	Grandfathered	Chatham Hospital (Alliance HealthCare Services)	0	0.05	87	71	15	1	0	93			
Chatham	Mobile	Grandfathered	Chatham Hospital (Alliance HealthCare Services)	0	0.05	90	68	18	3	1	99			
Chatham				0	0.32	547					604	604	1,716	0
Cherokee	Hospital Fixed	A-006767-03	Murphy Medical Center, Inc.	1	1.00	1,969	1,331	570	45	23	2,233		,	
Cherokee/Cla	ıy			1	1.00	1,969					2,233	2,233	3,775	0
Chowan	Hospital Fixed	R-008168-08	Chowan Hospital	1	1.00		0	0	0	0	0	, , ,		
Chowan	Mobile		Chowan Hospital (Alliance HealthCare & University Health Systems of Eastern NC)	0	0.29	1,079	760	210	60	49	1,226			
Chowan	Mobile		Chowan Hospital (Alliance HealthCare Services)	0	0.01	25	18	5	2	0	28			

			Fixed and Mobile Procedu										1	
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Chowan	Mobile	Grandfathered	Chowan Hospital (Alliance HealthCare Services)	0	0.00	12	10	2	0	0	13			
Chowan/Tyre	ell			1	1.30	1,116			l.		1,267	974	3,775	0
Cleveland	Hospital Fixed	C-005725-97	Cleveland Regional Medical Center	1	1.00	4,932	2,703	1,649	297	283	5,937			
Cleveland	Hospital Fixed	C-006915-03	Kings Mountain Hospital	1	1.00	1,071	670	318	44	39	1,247			
Cleveland	Mobile	Grandfathered	Miller Orthopaedic-Shelby (Alliance HealthCare Services)	0	0.02	97	97	0	0	0	97			
Cleveland	Mobile	Grandfathered	Miller Orthopaedics-Shelby (Alliance HealthCare Services)	0	0.18	746	746	0	0	0	746			
Cleveland	Mobile	F-007987-07	OrthoCarolina-Shelby (OrthoCarolina)	0	0.20	838	837	1	0	0	838			
Cleveland	1			2	2.40	7,684					8,865	3,694	4,118	0
Columbus	Hospital Fixed	O-006426-01	Columbus Regional Healthcare System	1	1.00	2,386	1,785	397	157	47	2,645	2,001	-,,	
Columbus	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.04	160	132	28	0	0	171			
Columbus	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.03	119	104	15	0	0	125			
Columbus	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.02	72	53	19	0	0	80			
Columbus	Mobile	O-007340-05	Waccamaw Imaging (Waccamaw Ultrasound & Diagnostics)	0	0.42	1,575	1,412	163	0	0	1,640			
Columbus			,	1	1.51	4,312					4,661	3,087	3,775	0
Craven	Hospital Fixed	P-005760-97	CarolinaEast Medical Center	2	2.00	5,618	2,066	1,307	1,287	958	7,422			
Craven	Freestand ing Fixed	- P-006764-03	Coastal Carolina Health Care	1	1.00	5,541	3,886	1,655	0	0	6,203			
Craven	Freestand ing Fixed	- P-008108-08	Coastal Carolina Health Care	1	1.00	0	0	0	0	0	0			
Jones	Mobile	Q-006884-03	Eastern Carolina Internal Medicine (Alliance HealthCare & University Health Systems of	0	0.13	607	413	192	1	1	685			
Jones	Mobile	Grandfathered	Eastern Carolina Internal Medicine (Alliance HealthCare Services)	0	0.06	298	202	96	0	0	336			
Craven/Jone	s/Pamlico	<u> </u>	·	4	4.19	12,064					14,646	3,496	4,805	0
Cumberland	Hospital Fixed	M-006603-02	Cape Fear Valley Medical Center	3	3.00	9,437	3,099	2,479	2,150	1,709	12,656			

		Table 9K: MRI	Fixed and Mobile Procedu					iered Th	resholds	and Fix	ed Equiv	alents		
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI
Cumberland		M-007924-07	Carolina Imaging of Fayetteville	1	1.00		3,011	712	0	0	4,008			
Cumberland	Freestand- ing Fixed	M-005899-98	Carolina Imaging of Fayetteville	1	1.00	6,217	5,386	831	0	0	6,549			
Cumberland	Freestand- ing Fixed	M-005905-98	Medical Imaging Center dba Valley Regional Imaging (prev Dx Health of Fayetteville)	1	1.00	633	539	94	0	0	671			
Cumberland	Freestand- ing Fixed	Grandfathered	Medical Imaging Center dba Valley Regional Imaging (prev Dx Health of Fayetteville)	1	1.00	4,362	3,424	938	0	0	4,737			
Cumberland	Mobile	O-6434-01	Carolina Imaging Inc. of Fayetteville (Cape Fear Diagnostic Imaging, Inc.)	0	0.18	859	610	249	0	0	959			
Cumberland	Mobile	Grandfathered	Carolina Imaging of Fayetteville (Kings Medical)	0	0.07	315	246	69	0	0	343			
Cumberland	Mobile	O-006665-02	Carolina Imaging, Inc. of Fayetteville (Cape Fear Mobile Imaging, LLC)	0	0.18	867	641	226	0	0	957			
Cumberland	Mobile	J-007008-04	Cross Creek Imaging (InSight Health Corp)	0	0.21	1,030	862	168	0	0	1,097			
Cumberland	Mobile	Grandfathered	Cross Creek Imaging (InSight Health Corp)	0	0.07	325	244	81	0	0	357			
Cumberland/l	Hoke			7	7.71	27,768					32,334	4,194	4,805	0
Dare	Hospital Fixed	R-007329-05	The Outer Banks Hospital, Inc.	1	1.00	1,421	842	490	40	49	1,672	-		
Dare	Mobile	R-006293-00	Regional Medical Services	0	0.18	671	478	191	0	0	745			
Dare	Mobile	R-006293-00	Spring Arbor (Regional Medical Services)	0	0.00	0	0	0	0	0	0			
Dare				1	1.18	2,092					2,418	2,049	3,775	0
Davidson	Hospital Fixed	G-006443-01	Lexington Memorial Hospital	1	1.00	2,732	2,064	421	207	40	3,015			
Davidson	Hospital Fixed	G-006826-03	Thomasville Medical Center	1	1.00	2,650	1,836	435	250	129	3,027			
Davidson				2	2.00	5,382					6,042	3,021	4,118	0
Davie	Mobile	G-006271-00	Davie County Hospital (Alliance HealthCare Services)	0	0.11	192	178	11	3	0	198			
Davie	Mobile	G-007038-04	Davie County Hospital (Alliance HealthCare Services)	0	0.13	219	196	11	11	1	229			
Davie	Mobile	G-007065-04	Medical Associates of Davie (Forsyth Memorial Hospital)	0	0.10	173	125	48	0	0	192			
Davie				0	0.34	584					618	618	1,716	0

			red and Mobile Procedu	ires by								alents		
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Duplin	Mobile	Grandfathered	Duplin General Hospital (Alliance HealthCare Services)	0	0.30	519	351	114	21	33	599			
Duplin	Mobile	Grandfathered	Duplin General Hospital (Alliance HealthCare Services)	0	0.27	461	307	99	22	33	536			
Duplin	Mobile	Grandfathered	Duplin General Hospital (Alliance HealthCare Services)	0	0.03	59	34	11	5	9	73			
Duplin		<u> </u>		0	0.60	1,039					1,208	1,208	1,716	0
Durham	Hospital Fixed	J-006598-02; J-007174- 04; J-008275-08	Duke University Hospital	7	7.00	16,559	5,670	4,048	2,771	4,070	22,543	<u>.</u>		
Durham	Hospital Fixed	J-006207-00	Durham Regional Hospital	2	2.00	5,539	2,217	666	2,092	564	7,093			
Durham	Hospital Fixed	J-006108-99	Lenox Baker Hospital (Duke University Hospital)	1	1.00	3,316	1,624	1,692	0	0	3,993			
Durham	Hospital Fixed	Insight grandfathered unit	Lenox Baker Hospital (Duke University Hospital)	1	1.00	3,686	1,805	1,881	0	0	4,438			
Durham	Hospital Fixed	J-006598-02	Lenox Baker Hospital (Duke University Hospital)	1	1.00	3,623	1,774	1,849	0	0	4,363			
Durham	Hospital Fixed	J-007174-04	Lenox Baker Hospital (Duke University Hospital)	1	1.00	3,360	1,646	1,714	0	0	4,046			
Durham	Hospital Fixed	Grandfathered	Lenox Baker Hospital (Duke University Hospital)	1	1.00	3,846	1,884	1,962	0	0	4,631			
Durham	Freestand- ing Fixed	J-006760-03	Durham Diagnostic Imaging- Independence Park	1	1.00	3,930	2,598	1,332	0	0	4,463			
Durham	Freestand- ing Fixed	J-007031-04	Triangle Orthopaedic Associates	1	1.00	6,850	6,561	289	0	0	6,966			
Durham	Mobile	Grandfathered	Atlantic Diagnostic-Durham (Alliance HealthCare Services)	0	0.01	36	26	10	0	0	40			
Durham	Mobile	Grandfathered	Atlantic Diagnostic-Durham (Alliance HealthCare Services)	0	0.05	232	179	53	0	0	253			
Durham	Mobile	M-006605-02	Durham Diagnostic Imaging- South Park (Mobile Imaging of NC)	0	0.16	780	490	290	0	0	896			
Durham	Mobile	M-006605-02	Regional Neurosurgery (Mobile Imaging of NC)	0	0.03	125	58	67	0	0	152			
Durham	Mobile	Grandfathered	Triangle Orthopaedic (Alliance HealthCare Services)	0	0.03	131	130	1	0	0	131			
Durham	Mobile	J-008483-09	Triangle Orthopaedic Associates- Durham (Triangle Orthopaedic Associates)	0	0.20	0	0	0	0	0	0			

			red and Mobile Procedu											T = -
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Durham	Mobile	Grandfathered	Triangle Orthopaedic-Durham (Alliance HealthCare Services)	0	0.10	485	484	1	0	0	485			
Durham/Cas	well	I .		16	16.58	52,498			"	<u>I</u>	64,492	3,890	4,805	0
Edgecombe	Hospital Fixed	L-008327-09	Heritage Hospital	1	1.00	0	0	0	0	0	0			
Edgecombe	Mobile	Q-006884-03	Heritage Hospital (Alliance HealthCare & University Health Systems of Eastern NC)	0	0.21	791	449	114	135	93	965			
Edgecombe	Mobile	Grandfathered	Heritage Hospital (Alliance HealthCare Services)	0	0.00	11	8	3	0	0	12			
Edgecombe	Mobile	Grandfathered	Heritage Hospital (Alliance HealthCare Services)	0	0.17	648	496	144	50	58	872			
Edgecombe		<u> </u>	<u> </u>	1	1.38	1,450					1,849	1,340	3,775	0
Forsyth	Hospital Fixed	G-004293-91; G-006588- 02; G-007919-07	Forsyth Memorial Hospital	3	3.00	13,430	1,272	2,908	2,057	7,193	21,170	·	,	
Forsyth	Hospital Fixed	G-007083-04; G-008372- 09	North Carolina Baptist Hospital	6	6.00	20,740	5,642	9,945	1,213	3,940	28,355			
Forsyth	Freestand- ing Fixed	G-007387-05	Excel Imaging Maplewood	1	1.00	5,755	3,798	1,957	0	0	6,538			
Forsyth	Freestand- ing Fixed		Excel Imaging Maplewood	1	1.00	4,521	2,984	1,537	0	0	5,136			
Forsyth	Freestand- ing Fixed		Excel Imaging Salem MRI	1	1.00	677	532	145	0	0	735			
Forsyth	Freestand- ing Fixed	Grandfathered	Piedmont Imaging	1	1.00	4,874	3,797	1,077	0	0	5,305			
Forsyth	Freestand- ing Fixed	G-006893-03	Piedmont Imaging	1	1.00	5,549	4,314	1,235	0	0	6,043			
Forsyth	Freestand- ing Fixed	G-008196-08	Piedmont Imaging	1	1.00	0	0	0	0	0	0			
Forsyth	Freestand- ing Fixed	G-007780-07	Wake Forest Baptist Imaging	1	1.00	1,710	994	716	0	0	1,996			
Forsyth	Mobile	G-007065-04	Central Triad Imaging (Forsyth Memorial Hospital)	0	0.27	1,295	765	530	0	0	1,507			
Forsyth	Mobile	Grandfathered	Forsyth Medical Center Imaging- Excel I (InSight Health Corp)	0	0.50	2,406	1,961	445	0	0	2,584			
Forsyth	Mobile	F-005723-97	Forsyth Medical Center Imaging- Kernersville (InSight Health Corp)	0	0.01	63	46	17	0	0	70			
Forsyth	Mobile	Grandfathered	Forsyth Medical Center Imaging- Kernersville (InSight Health Corp)	0	0.06	301	229	72	0	0	330			

			Fixed and Mobile Procedu										T	
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Forsyth	Mobile	Grandfathered	Greensboro Imaging Kernersville (Alliance HealthCare Services)	0	0.02	105	96	9	0	0	109			
Forsyth	Mobile	G-007038-04	Orthopaedic Specialists of the Carolinas	0	0.66	3,172	2,882	290	0	0	3,288			
Forsyth	Mobile	G-007038-04	Orthopaedic Specialists of the Carolinas	0	0.07	336	269	67	0	0	363			
Forsyth	Mobile	Grandfathered	Orthopedic Specialists of the Carolinas (Alliance HealthCare Services)	0	0.00	5	3	2	0	0	6			
Forsyth	Mobile	Grandfathered	Orthopedic Specialists of the Carolinas (Alliance HealthCare Services)	0	0.00	14	14	0	0	0	14			
Forsyth	Mobile	G-007065-04	Winston-Salem Healthcare (Forsyth Memorial Hospital)	0	0.21	1,016	678	338	0	0	1,151			
Forsyth			2010 SMFP Need Determination	1	1.00	0	0	0	0	0	0			
Forsyth				17	18.80	65,969					84,699	4,505	4,805	0
Franklin	Hospital Fixed	K-007501-06	Franklin Regional Medical Center	1	1.00		846	254	242	62	1,652	,	,	
Franklin		-	,	1	1.00	1,404				<u> </u>	1,652	1,652	3,775	0
Gaston	Hospital Fixed	F-005577-97	Gaston Memorial Hospital	1	1.00	7,452	1,951	2,602	1,059	1,840	10,388			
Gaston	Hospital Fixed	F-006620-02	Gaston Memorial Hospital, Caromont Imaging Services- Belmont	1	1.00	4,849	2,890	1,959	0	0	5,633			
Gaston	Hospital Fixed	F-006622-02	Gaston Memorial Hospital, Caromont Imaging Services- Summit	1	1.00	3,598	2,382	1,216	0	0	4,084			
Gaston	Hospital Fixed		Gaston Memorial Hospital-The Diagnostic Center	1	1.00	3,462	1,261	2,201	0	0	4,342			
Gaston	Mobile	Grandfathered	Mecklenburg Diagnostic-Cox (Alliance HealthCare Services)	0	0.36	1,748	1,355	393	0	0	1,905			
Gaston	Mobile	F-008000-07	MRI Specialists-Belmont (MRI Specialists of the Carolinas)	0	0.02	114	66	48	0	0	133			
Gaston	Mobile	F-008000-07	MRI Specialists-Gastonia (MRI Specialists of the Carolinas)	0	0.05	231	155	76	0	0	261			
Gaston	Mobile	Grandfathered	OrthoCarolina PA (Alliance HealthCare Services)	0	0.02	109	109	0	0	0	109			
Gaston				4	4.45	21,563					26,857	6,035	4,805	1
Granville	Hospital Fixed	K-007190-04	Granville Health System	1	1.00		1,080	221	84	39	1,577	,		
Granville				1	1.00	1,431		1	<u> </u>	l	1,577	1,577	4,118	0

			Fixed and Mobile Procedu											
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Nee
Guilford	Hospital Fixed	G-005924-98	High Point Regional Health System	2	2.00	5,074	2,333	706	1,579	456	6,353			
Guilford	Hospital Fixed	G-006299-00	Moses H. Cone Memorial Hospital	2	2.00	8,478	2,818	1,787	2,426	1,447	11,321			
Guilford	Hospital Fixed		Wesley Long Community Hospital	1	1.00	3,228	1,365	979	562	322	4,102			
Guilford	Freestand- ing Fixed	G-007296-05	Cornerstone Health Care	1	1.00	3,589	2,456	1,133	0	0	4,042			
Guilford	Freestand- ing Fixed		Diagnostic Radiology & Imaging dba Greensboro Imaging	1	1.00	6,092	3,498	2,594	0	0	7,130			
Guilford	Freestand- ing Fixed	G-006952-03	Diagnostic Radiology & Imaging dba Greensboro Imaging	1	1.00	6,129	3,712	2,417	0	0	7,096			
Guilford	Freestand- ing Fixed		Diagnostic Radiology & Imaging dba Greensboro Imaging (prev. Southeastern Radiology)	1	1.00	3,886	2,610	1,276	0	0	4,396			
Guilford	Freestand- ing Fixed	G-008347-09	Greensboro Orthopaedic Center	1	1.00	0	0	0	0	0	0			
Guilford	Freestand- ing Fixed	Grandfathered	Triad Imaging	1	1.00	4,891	3,890	1,001	0	0	5,291			
Guilford	Mobile	Grandfathered	Cornerstone Healthcare (InSight Health Corp)	0	0.72	3,478	2,472	1,006	0	0	3,880			
Guilford	Mobile	Grandfathered	Greensboro Orthopaedic Center (Alliance HealthCare Services)	0	0.90	4,344	4,031	303	9	1	4,470			
Guilford	Mobile	Grandfathered	Guilford Neurologic Associates (Kings Medical)	0	0.26	1,242	587	655	0	0	1,504			
Guilford	Mobile	G-007064-04	High Point Regional Health System	0	0.18	868	722	142	3	1	927			
Guilford	Mobile	G-007064-04	Johnson Neurological Clinic (High Point Regional Health System)	0	0.09	427	315	112	0	0	472			
Guilford	Mobile	G-007064-04	Medventures MRI Services (High Point Regional Health System)	0	0.02	99	90	9	0	0	103			
Guilford	Mobile	Grandfathered	Moses Cone Health System (Alliance HealthCare Services)	0	0.00	20	17	3	0	0	21			
Guilford	Mobile	Grandfathered	Moses Cone Health System (Alliance HealthCare Services)	0	0.00	14	10	4	0	0	16			
Guilford	Mobile	Grandfathered	SE Orthopaedic Specialists (Alliance HealthCare Services)	0	0.01	59	54	5	0	0	61			
Guilford	Mobile	Grandfathered	SE Orthopaedic Specialists (Alliance HealthCare Services)	0	0.00	3	3	0	0	0	3			

			red and Mobile Procedu										1	T-c-
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Guilford	Mobile	Grandfathered	SE Orthopaedic Specialists (Alliance HealthCare Services)	0	0.00	6	6	0	0	0	6			
Guilford	Mobile	Grandfathered	SE Orthopaedic Specialists PA (Alliance HealthCare Services)	0	0.98	4,729	4,237	492	0	0	4,926			
Guilford	Mobile	Grandfathered	Triad Imaging-Church Street (Kings Medical)	0	0.16	772	590	182	0	0	845			
Guilford	Mobile	Grandfathered	Vanguard Brain & Spine Specialist (Alliance HealthCare Services)	0	0.04	189	124	65	0	0	215			
Guilford	Mobile	Grandfathered	Vanguard Brain & Spine Specialists (Alliance HealthCare Services)	0	0.02	104	54	50	0	0	124			
Guilford	Mobile	Grandfathered	Vanguard Brain & Spine Specialists (Alliance HealthCare Services)	0	0.02	86	85	1	0	0	86			
Guilford			,	11	14.40	57,807					67,389	4,680	4,805	0
Halifax	Hospital Fixed	L-007257-05	Halifax Regional Medical Center, Inc.	1	1.00	2,454	1,592	416	311	135	2,853	·		
Halifax	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.01	33	30	3	0	0	34			
Halifax	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.04	139	134	5	0	0	141			
Halifax/North	ampton			1	1.05	2,626					3,028	2,884	3,775	0
Harnett	Hospital Fixed	M-006712-02	Betsy Johnson Regional Hospital	1	1.00		1,682	933	233	246	3,757	· ·	,	
Harnett	Freestand ing Fixed	- M-008287-09	Harnett Health Central Campus (Harnett Health System)	1	1.00	0	0	0	0	0	0			
Harnett	Mobile	M-006605-02	Carolina Regional Radiology (Mobile Imaging of NC)	0	0.26	1,073	876	197	0	0	1,152			
Harnett	Mobile	Grandfathered	Oudeh Medical Plaza (InSight Health Corp)	0	0.07	279	279	0	0	0	279			
Harnett				2	2.33	4,446					5,188	2,227	4,118	0
Haywood	Hospital Fixed	A-005060-94; A-007807- 07	Haywood Regional Medical Ctr.	2	2.00	4,434	2,498	1,546	241	149	5,268			
Haywood				2	2.00	4,434					5,268	2,634	4,118	0
Henderson	Hospital Fixed	B-006004-99	Margaret R. Pardee Memorial Hospital	2	2.00		3,762	1,536	251	174	6,577			
Henderson	Hospital Fixed	B-006012-99; B-007384- 05	Park Ridge Hospital	1	1.00	2,528	1,192	868	203	265	3,168			
Henderson	Mobile	G-007038-04	Laurel Park Medical Center (Alliance HealthCare Services)	0	0.03	124	93	31	0	0	136			

			ed and Mobile Procedu											
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI
Henderson	Mobile	G-006271-00	Laurel Park Medical Center (Alliance HealthCare Services)	0	0.05		171	35	0	0	220		7111 0011010	
Henderson				3	3.08	8,581					10,102	3,280	4,462	0
Hertford	Hospital Fixed	Q-007213-05	Roanoke-Chowan Hospital	1	1.00	2,128	1,298	408	181	241	2,556			
Hertford/Gate	es			1	1.00	2,128					2,556	2,556	3,775	0
Iredell	Hospital Fixed	F-006728-02	Davis Regional Medical Center	1	1.00	2,710	1,477	582	477	174	3,273	•	,	
Iredell	Hospital Fixed	F-005340-96	Iredell Memorial Hospital	1	1.00	3,910	1,439	1,175	536	760	5,202			
Iredell	Hospital Fixed	F-005815-98; F-006591- 02	Lake Norman Regional Medical Center	2	2.00	4,117	2,332	1,103	486	196	4,909			
Iredell	Freestand- ing Fixed	- F-6957-03	Piedmont Healthcare	1	1.00	3,090	2,564	526	0	0	3,300			
Iredell	Mobile	Grandfathered	Carolina Specialty Care (InSight Health Corp)	0	0.05	254	254	0	0	0	254			
Iredell	Mobile	Grandfathered	Mecklenburg Diagnostic Imaging (Alliance HealthCare Services)	0	0.01	56	50	6	0	0	58			
Iredell	Mobile	Grandfathered	Mecklenburg Diagnostic Imaging (Alliance HealthCare Services)	0	0.43	2,044	1,661	383	0	0	2,197			
Iredell	Mobile	Grandfathered	Northshore Orthopaedic and Sport (Alliance HealthCare Services)	0	0.08	388	388	0	0	0	388			
Iredell	Mobile	Grandfathered	Northshore Orthopedic and Sport (Alliance HealthCare Services)	0	0.00	12	12	0	0	0	12			
Iredell	Mobile	Grandfathered	Piedmont Healthcare (Alliance HealthCare Services)	0	0.00	18	16	2	0	0	19			
Iredell	Mobile	Grandfathered	Piedmont Healthcare (Alliance HealthCare Services)	0	0.09	432	381	51	0	0	452			
Iredell				5	5.66	17,031					20,066	3,545	4,805	0
Jackson	Hospital Fixed	A-006797-03; A-008195- 08	Harris Regional Hospital, Inc.	2	2.00	3,674	2,575	923	76	100	4,154			
Jackson/Gral	ham			2	2.00	3,674					4,154	2,077	4,118	0
Johnston	Hospital Fixed	J-006807-03	Johnston Memorial Hospital	1	1.00		2,793	648	830	348	5,489			
Johnston	Freestand- ing Fixed	- J-007900-07	Johnston MRI	1	1.00	45	40	5	0	0	47			
Johnston	Mobile	Grandfathered	Eastern Carolina Medical Center (Alliance HealthCare Services)	0	0.02	99	99	0	0	0	99			

			Fixed and Mobile Procedu										1	
Service Area		CON#	Service Site	Fixed		Total MRI Scans			Inpt No Contrast	Inpt	Adjusted Total	Area Avg Procs	Thusakalal	MRI
Iohnoton	Type Mobile	Grandfathered	(Provider/Owner) Eastern Carolina Medical Center	Magnet 0	0.01		Contrast 24	Contrast				Procs	Threshold	Need
Johnston	Mobile	Giandiathered	(Alliance HealthCare Services)	0	0.01	24	24	0	0		24			
Johnston	Mobile	Grandfathered	Eastern Carolina Medical Center (Alliance HealthCare Services)	0	0.00	4	4	0	0	0	4			
Johnston	Mobile	J-008268-08	Johnston Site 1 (Pinnacle Health Services of NC)	0	0.29	0	0	0	0	0	0			
Johnston	Mobile	Grandfathered	Raleigh Radiology (Alliance HealthCare Services)	0	0.21	849	849	0	0	0	849			
Johnston	Mobile	Grandfathered	Raleigh Radiology (Alliance HealthCare Services)	0	0.01	26	26	0	0	0	26			
Johnston	Mobile	Grandfathered	Raleigh Radiology (Allliance HealthCare Services)	0	0.01	24	24	0	0	0	24			
Johnston	Mobile	Grandfathered	Raleigh Radiology (InSight Health Corp)	0	0.02	99	99	0	0	0	99			
Johnston				2	2.57	5,789					6,661	2,592	4,118	0
Lee	Hospital Fixed	J-005901-98	Central Carolina Hospital	1	1.00	2,876	1,787	484	320	285	3,426			
Lee				1	1.00	2,876		I			3,426	3,426	3,775	0
Lenoir	Hospital Fixed		Lenoir Memorial Hospital, Inc.	1	1.00	3,438	1,594	856	415	573	4,405			
Lenoir	Freestand- ing Fixed	P-008147-08	Lenoir Imaging	1	1.00	0	0	0	0	0	0			
Lenoir	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.04	171	166	5	0	0	173			
Lenoir	Mobile	Grandfathered	Atlantic Radiology Associates- Goldsboro (Alliance HealthCare Services)	0	0.00	15	15	0	0	0	15			
Lenoir				2	2.04	3,624		I .			4,593	2,251	4,118	0
Lincoln	Hospital Fixed	F-008081-08	CMC-Lincoln	1	1.00	0	0	0	0	0	0	·	,	
Lincoln	Mobile	E-007006-04	Blue Ridge Radiology	0	0.18	685	584	101	0	0	725			
Lincoln	Mobile	Grandfathered	Carolinas HealthCare System (Alliance HealthCare Services)	0	0.00	2	2	0	0	0	2			
Lincoln	Mobile	Grandfathered	Carolinas HealthCare System (Alliance HealthCare Services)	0	0.47	1,774	1,097	407	141	127	2,093			
Lincoln	Mobile	Grandfathered	Carolinas HealthCare System (Alliance HealthCare Services)	0	0.06	215	124	54	17	20	259			

		Table 9K: MRI Fix	ced and Mobile Procedเ						resholds	and Fix	ed Equiva	alents		
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Nee
Lincoln	Mobile	Grandfathered	Carolinas HealthCare System (Alliance HealthCare Services)	0	0.02	79	49	20	7	3	92			
Lincoln	Mobile	Grandfathered	Carolinas HealthCare System (Alliance HealthCare Services)	0	0.03	120	71	22	14	13	145			
Lincoln	Mobile	F-006868-03	Carolinas Medical Center-Lincoln (Carolinas Imaging Services, LLC)	0	0.03	117	69	44	2	2	137			
Lincoln				1	1.79	2,992					3,454	1,929	3,775	0
Macon	Hospital Fixed	A-006828-03	Angel Medical Center, Inc.	1	1.00	1,500	891	526	28	55	1,766	· ·	,	
Macon	Hospital Fixed	A-007197-05	Highlands-Cashiers	1	1.00	441	343	94	4	0	480			
Macon	Mobile	G-007038-04	WestCare Health System (Alliance HealthCare Services)	0	0.02	75	73	2	0	0	76			
Macon	Mobile	G-006271-00	WestCare Health System (Alliance HealthCare Services)	0	0.03	107	104	1	2	0	108			
Macon	Mobile	Grandfathered	WestCare Health System (Allliance HealthCare Services)	0	0.00	3	3	0	0	0	3			
Macon				2	2.05	2,126					2,433	1,187	4,118	0
Martin	Mobile	Grandfathered	Martin General Hospital (Alliance HealthCare Services)	0	0.01	19	14	1	3	1	21	· ·	,	
Martin	Mobile	Grandfathered	Martin General Hospital (Alliance HealthCare Services)	0	0.30	512	462	37	10	3	533			
Martin				0	0.31	531					555	555	1,716	0
McDowell	Hospital Fixed	C-007304-05	The McDowell Hospital, Inc.	1	1.00	1,721	1,308	335	62	16	1,893		-,,,,,,	
McDowell				1	1.00	1,721					1,893	1,893	3,775	0
Mecklenburg	Hospital Fixed	F-005918-98; F-006493- 01	Carolinas Medical Center	4	4.00	14,056	5,142	4,187	2,115	2,612	18,666	,,,,,	-, -	
Mecklenburg	Hospital Fixed	F-006830-03	Carolinas Medical Center Mercy/Pineville	2	2.00	10,333	5,282	3,103	909	1,039	12,769			
Mecklenburg	Hospital Fixed	F-005919-98	Carolinas Medical Center- University	1	1.00	4,945	2,547	1,690	300	408	6,067			
Mecklenburg	Hospital Fixed	F-006499-01	Presbyterian Hospital	2	2.00	8,019	1,855	2,039	2,695	1,430	11,057			
Mecklenburg	Hospital Fixed	F-005580-97	Presbyterian Hospital Huntersville	1	1.00	5,860	3,374	1,785	473	228	6,946			
Mecklenburg	Hospital Fixed	F-006379-01	Presbyterian Hospital Matthews	1	1.00	6,794	3,258	2,149	951	436	8,383			

		·	Fixed and Mobile Procedu							and Fix				
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Mecklenburg	Hospital Fixed	F-005575-97	Presbyterian Orthopaedic Hospital	1	1.00	3,692	2,207	1,424	34	27	4,297			
Mecklenburg	Freestand- ing Fixed	F-007167-04	Carolinas Imaging Services- Ballanytne (Carolinas Imaging Services)	1	1.00	1,897	1,398	499	0	0	2,097			
Mecklenburg	Freestand- ing Fixed	F-005918-98	Carolinas Imaging Services- Morrocroft (Carolinas Imaging Services)	1	1.00	2,865	1,970	895	0	0	3,223			
Mecklenburg	Freestand- ing Fixed	F-005748-97	Mecklenburg Diagnostic Imaging	1	1.00	1,595	1,292	303	0	0	1,716			
Mecklenburg	Freestand- ing Fixed	F-007068-04	Mecklenburg Diagnostic Imaging	1	1.00	3,408	2,675	733	0	0	3,701			
Mecklenburg	Freestand- ing Fixed	F-002332-85	Mint Museum Imaging (Presbyterian Imaging Centers)	1	1.00	2,228	990	1,238	0	0	2,723			
Mecklenburg	Freestand- ing Fixed	J-006698-02	OrthoCarolina Spine Center (OrthoCarolina)	1	1.00	6,784	6,043	741	0	0	7,080			
Mecklenburg	Mobile		Carolina Bone & Joint (Jacksonville Diagnostic Imaging [prev. IAC])	0	0.00	9	9	0	0	0	9			
Mecklenburg	Mobile	F-007040-04	Carolina Imaging Services- Northcross (Carolinas Imaging Services, LLC)	0	0.21	1,023	759	264	0	0	1,129			
Mecklenburg	Mobile	F-007040-04	Carolina Medical Center - Pineville (Carolinas Imaging Services, LLC)	0	0.70	3,366	2,193	797	290	86	3,870			
Mecklenburg	Mobile	F-6734-03	Carolina NeuroSurgery & Spine Associates	0	0.74	3,551	2,507	1,044	0	0	3,969			
Mecklenburg	Mobile	F-6734-03	Carolina NeuroSurgery & Spine Associates	0	0.19	898	718	180	0	0	970			
Mecklenburg	Mobile	Grandfathered	Carolinas Physician Network (Alliance HealthCare Services)	0	0.05	225	153	72	0	0	254			
Mecklenburg	Mobile	Grandfathered	Carolinas Physician Network (Alliance HealthCare Services)	0	0.01	25	14	11	0	0	29			
Mecklenburg	Mobile	Grandfathered	Carolinas Physician Network (Alliance HealthCare Services)	0	0.16	764	513	251	0	0	864			
Mecklenburg	Mobile	Grandfathered	Carolinas Physician Network (Alliance HealthCare Services)	0	0.00	22	15	7	0	0	25			
Mecklenburg	Mobile	Grandfathered	Mecklenburg Diagnostic (Alliance HealthCare Services)	0	0.05	263	156	107	0	0	306			
Mecklenburg	Mobile	Grandfathered	Miller Orthopaedic Clinic (Alliance HealthCare Services)	0	0.01	34	33	1	0	0	34			
Mecklenburg	Mobile	Grandfathered	Miller Orthopaedic Clinic (Alliance HealthCare Services)	0	0.04	184	166	18	0	0	191			

0	0		Fixed and Mobile Procedu											100
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast		Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Mecklenburg	Mobile	Grandfathered	Miller Orthopaedic-Ballantyne (Alliance HealthCare Services)	0	0.17	811	811	0	0	0	811			
Mecklenburg	Mobile	Grandfathered	Miller Orthopaedic-Ballantyne (Alliance HealthCare Services)	0	0.03	158	157	1	0	0	158			
Mecklenburg	Mobile	Grandfathered	Miller Orthopaedics-Huntersville (Alliance HealthCare Services)	0	0.02	80	80	0	0	0	80			
Mecklenburg	Mobile	Grandfathered	Miller Orthopaedics-Huntersville (Alliance HealthCare Services)	0	0.30	1,428	1,428	0	0	0	1,428			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina PA (Alliance HealthCare Services)	0	0.19	916	916	0	0	0	916			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina-Ballantyne (OrthoCarolina)	0	0.59	2,817	2,812	5	0	0	2,819			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina-Huntersville (OrthoCarolina)	0	0.31	1,485	1,485	0	0	0	1,485			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina-Spine Center (OrthoCarolina)	0	0.45	2,167	1,961	206	0	0	2,249			
Mecklenburg	Mobile	Grandfathered	Oweida Orthopaedic Associates (Alliance HealthCare Services)	0	0.00	19	19	0	0	0	19			
Mecklenburg	Mobile	Grandfathered	Oweida Orthopaedic Associates (Alliance HealthCare Services)	0	0.05	224	224	0	0	0	224			
Mecklenburg	Mobile	Grandfathered	Oweida Orthopaedic Associates (Alliance HealthCare Services)	0	0.01	67	67	0	0	0	67			
Mecklenburg	Mobile	Grandfathered	Perry & Barrons Orthopaedics (Alliance HealthCare Services)	0	0.01	51	51	0	0	0	51			
Mecklenburg	Mobile	Grandfathered	Perry & Barrons Orthopaedics (Alliance HealthCare Services)	0	0.05	235	235	0	0	0	235			
Mecklenburg	Mobile	Grandfathered	Perry & Barrons Orthopaedics (Alliance HealthCare Services)	0	0.00	11	11	0	0	0	11			
Mecklenburg	Mobile		Presbyterian Imaging Center- Ballantyne (Jacksonville Diagnostic Imaging [prev. IAC])	0	0.28	1,324	896	428	0	0	1,495			
Mecklenburg	Mobile		Presbyterian Imaging Center- Steel Creek (Jacksonville Diagnostic Imaging [prev. IAC])	0	0.03	140	76	64	0	0	166			
Mecklenburg	Mobile		Presbyterian Imaging Center- University (Jacksonville Diagnostic Imaging [prev. IAC])	0	0.07	342	212	130	0	0	394			
Mecklenburg	Mobile	F-005723-97	Presbyterian Medical Plaza (InSight Health Corp)	0	0.04	183	95	88	0	0	218			
Mecklenburg	Mobile	F-007164-04	Steelcreek Imaging (Presbyterian Mobile Imaging)	0	0.01	62	28	34	0	0	76			

			ed and Mobile Procedu											,
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Mecklenburg	Mobile	Grandfathered	Total Spine Specialist (Alliance HealthCare Services)	0	0.01	50	50	0	0	0	50			
Mecklenburg	Mobile	Grandfathered	Total Spine Specialist (Alliance HealthCare Services)	0	0.05	216	216	0	0	0	216			
Mecklenburg	Mobile	F-007164-04	University Imaging (Presbyterian Mobile Imaging)	0	0.32	1,550	589	961	0	0	1,934			
Mecklenburg				18	23.15	97,176					115,478	4,988	4,805	1
Mitchell	Hospital Fixed	D-006866-03	Blue Ridge Regional Hospital, Inc.	1	1.00	-	817	302	20	16	1,297	,		
Mitchell				1	1.00	1,155					1,297	1,297	3,775	0
Montgomery	Mobile		FirstHealth Montgomery Memorial Hospital (FirstHealth of the Carolinas)	0	0.20		259	62	6	9	370	· · ·		
Montgomery	ı			0	0.20	336		<u>'</u>	<u>'</u>	<u>'</u>	370	370	1,716	0
Moore	Hospital Fixed	H-005602-97; H-007097- 04	FirstHealth Moore Regional Hospital	3	3.00	11,608	6,672	2,935	1,441	560	13,806			
Moore	Freestand- ing Fixed	H-006845-03	Pinehurst Surgical Clinic PA (Alliance HealthCare Services)	1	1.00	3,702	2,946	756	0	0	4,004			
Moore	Freestand- ing Fixed	- H-008365-09	Triad Imaging dba Southern Pines Diagnostic Imaging	1	1.00	0	0	0	0	0	0			
Moore	Mobile	Grandfathered	Southern Pines Diagnostic Imaging (Kings Medical)	0	0.22	1,065	510	555	0	0	1,287			
Moore	Mobile	O-006665-02	Triad Imaging, Inc. dba Southern Pines Diagnostic (Cape Fear Mobile Imaging, LLC)	0	0.23	1,083	510	573	0	0	1,312			
Moore/Hoke			5 5	5	5.45	17,458					20,410	3,745	4,805	0
Nash	Hospital Fixed	L-005908-98	Nash General Hospital	2	2.00	5,552	2,653	1,699	543	657	6,974			
Nash	Freestand- ing Fixed	L-007499-06	Nash Open MRI (Nash Imaging)	1	1.00	10	4	6	0	0	12			
Nash	Mobile	Grandfathered	Boice-Willis Clinic (Alliance HealthCare Services)	0	0.05	222	193	29	0	0	234			
Nash	Mobile	Grandfathered	Boice-Willis Clinic (Alliance HealthCare Services)	0	0.00	9	5	4	0	0	11			
Nash	Mobile	Grandfathered	Carolina Regional Orthopaedics (Alliance HealthCare Services)	0	0.05	233	230	3	0	0	234			
Nash				3	3.10	6,026		1	1	1	7,465	2,408	4,462	0
New Hanover	Hospital Fixed	O-006212-00	New Hanover Regional Medical Center	4	4.00		5,041	4,140	1,898	2,313	17,658			

		Table 9K: MRI	Fixed and Mobile Proced						resholds	and Fix				
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast		Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
New Hanover		O-007259-05	Atlantic Orthopedics, PA	1	1.00	3,176	2,999	177	0	0	3,247			
New Hanover	Mobile	Grandfathered	Atlantic Diagnostic (Alliance HealthCare Services)	0	0.09	409	266	143	0	0	466			
New Hanover	Mobile	Grandfathered	Atlantic Diagnostic (Alliance HealthCare Services)	0	0.16	782	495	287	0	0	897			
New Hanover	Mobile	F-007001-04	Atlantic Diagnostic-Landfall (Alliance HealthCare Services)	0	0.05	224	142	82	0	0	257			
New Hanover	Mobile	Grandfathered	Cape Fear Diagnostic Imaging (Kings Medical)	0	0.28	1,369	1,020	349	0	0	1,509			
New Hanover	Mobile	O-6434-01	Cape Fear Diagnostic Imaging Inc. (Cape Fear Diagnostic Imaging, Inc.)	0	0.05	223	166	57	0	0	246			
New Hanover	Mobile	Grandfathered	Cape Fear Diagnostic Imaging, Inc.	0	0.28	1,369	1,020	349	0	0	1,509			
New Hanover	Mobile	O-007254-05	Delaney Radiologists (Porters Neck Imaging)	0	0.13	621	409	212	0	0	706			
New Hanover	Mobile	O-007254-05	Delaney Radiologists (Porters Neck Imaging)	0	0.59	2,822	1,407	1,415	0	0	3,388			
New Hanover	Mobile	Grandfathered	Delaney Radiology (Alliance HealthCare Services)	0	0.00	17	9	8	0	0	20			
New Hanover	Mobile	F-007001-04	Delaney Radiology (Alliance HealthCare Services)	0	0.15	740	703	137	0	0	895			
New Hanover	Mobile	Grandfathered	Delaney Radiology (Alliance HealthCare Services)	0	0.00	8	8	0	0	0	8			
New Hanover	Mobile	Grandfathered	Delaney Radiology (Alliance HealthCare Services)	0	0.00	10	9	1	0	0	10			
New Hanover	Mobile	Grandfathered	Delaney Radiology (Alliance HealthCare Services)	0	0.00	14	10	4	0	0	16			
New Hanover	Mobile	F-007001-04	Delaney Radiology (Ashton) (Alliance HealthCare Services)	0	0.28	1,327	832	495	0	0	1,525			
New Hanover	Mobile	F-007001-04	Delaney Radiology (Porter's Neck) (Alliance HealthCare Services)	0	0.08	366	257	109	0	0	410			
New Hanover	Mobile	Grandfathered	WHA Medical Clinic (Alliance HealthCare Services)	0	0.48	2,289	1,020	1,269	0	0	2,797			
New Hanover	Mobile	F-007001-04	Wilmington Orthopaedic Group (Alliance HealthCare Services)	0	0.12	581	581	0	0	0	581			
New Hanover				5	7.74	29,739					36,142	4,670	4,805	0

0			ed and Mobile Procedu											MADI
Service Area		CON#	Service Site (Provider/Owner)	Fixed Magnet	Fixed	Total MRI Scans	Contrast	Outpt Contrast	Inpt No Contrast	Inpt	Adjusted Total	Area Avg Procs	Threshold	MRI
Onalow	Type		Onslow Memorial Hospital	magnet 1	1.00			1,137	285	282	3,977	FIUCS	Threshold	Need
Onslow	Hospital Fixed		Onsiow Memorial Hospital	'	1.00	3,103	1,479	1,137	200	202	3,977			
Onslow	Freestand- ing Fixed	P-007324-05	Jacksonville Diagnostic Imaging	1	1.00	4,454	3,726	728	0	0	4,745			
Onslow	Freestand- ing Fixed	P-008326-09	Jacksonville Diagnostic Imaging	1	1.00	0	0	0	0	0	0			
Onslow	Mobile	O-6434-01	Jacksonville Diagnostic Imaging dba Coastal Diagnostic (Cape Fear Diagnostic Imaging, Inc.)	0	0.18	815	656	159	0	0	879			
Onslow				3	3.18	8,452		•			9,601	3,019	4,462	0
Orange	Hospital Fixed	J-005900-98; J-007028- 04; J-007301-05; J- 008136-08; J-008391-09	University of North Carolina Hospital	8	8.00	25,543	6,320	9,983	2,284	6,596	35,367			
Orange	Freestand- ing Fixed	Grandfathered	Wake Radiology Chapel Hill Office (Wake Radiology Diagnostic Imaging)	1	1.00	1,761	1,159	602	0	0	2,002			
Orange				9	9.00	27,304					37,368	4,152	4,805	0
Pasquotank	Hospital Fixed	R-007623-06	Albemarle Hospital	2	2.00	3,605	2,211	922	245	227	4,253			
Pasquotank/	Camden/Cu	urrituck/Gates/Perquir	nans	2	2.00	3,605			l .		4,253	2,127	4,118	0
Pender	Mobile	Grandfathered	Pender Memorial Hospital (Alliance HealthCare Services)	0	0.05	-	65	24	0	0	99	<u>, </u>	,	
Pender	Mobile	Grandfathered	Pender Memorial Hospital (Alliance HealthCare Services)	0	0.04	77	54	22	1	0	86			
Pender	Mobile	Grandfathered	Pender Memorial Hospital (Alliance HealthCare Services)	0	0.09	150	111	35	4	0	166			
Pender	Mobile	Grandfathered	Pender Memorial Hospital (Alliance HealthCare Services)	0	0.04	70	57	13	0	0	75			
Pender				0	0.22	386					426	426	1,716	0
Person	Mobile	Grandfathered	Person County Memorial Hospital (Alliance HealthCare Services)	0	0.71	1,224	805	306	57	56	1,414		,	
Person				0	0.71	1,224		!	•		1,414	1,414	1,716	0
Pitt	Hospital Fixed	Q-005898-98; Q-006709- 02; Q-007658-06	Pitt County Memorial Hospital	3	3.00	•	2,445	2,275	2,774	3,261	15,383	·		
Pitt	Freestand- ing Fixed		Greenville MRI	1	1.00	4,859	3,005	1,854	0	0	5,601			
Pitt	Freestand- ing Fixed	Q-6854-03	Greenville MRI	1	1.00	3,665	2,267	1,398	0	0	4,224			
Pitt	Freestand- ing Fixed		MRI of Eastern Carolina (East Carolina Neurology)	1	1.00	6,079	4,648	1,431	0	0	6,651			

		1	ed and Mobile Procedu											
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Pitt	Freestand- ing Fixed	- Grandfathered	Physicians East (Kings Medical)	1	1.00	2,634	1,860	774	0	0	2,944			
Pitt	Mobile	Grandfathered	Orthopaedics East (Alliance HealthCare Services)	0	0.13	625	583	42	0	0	642			
Pitt	Mobile	Grandfathered	Orthopaedics East (Alliance HealthCare Services)	0	0.10	458	435	23	0	0	467			
Pitt/Greene/l	lyde			7	7.23	29,075					35,912	4,967	4,805	1
Polk	Mobile	F-005723-97	St Luke's Hospital (InSight Health Corp)	0	0.33		441	105	12	8	619	,,,,	,,,,,,	
Polk	Mobile	F-007040-04	St. Luke's Hospital (Carolinas Imaging Services, LLC)	0	0.20	346	280	59	4	3	374			
Polk				0	0.53	912					993	993	1,716	0
Randolph	Hospital Fixed	G-006817-03; G-008342- 09	Randolph Hospital	2	2.00		2,510	948	240	280	4,677		, -	
Randolph	Mobile	Grandfathered	Asheboro Imaging (Alliance HealthCare Services)	0	0.02	67	64	3	0	0	68			
Randolph				2	2.02	4,045					4,745	2,349	4,118	0
Richmond	Hospital Fixed	H-008193-08	Sandhills Regional Medical Center	1	1.00		0	0	0	0	0	·		
Richmond	Mobile		FirstHealth Richmond Memorial Hospital (FirstHealth of the Carolinas)	0	0.39	1,479	1,118	280	59	22	1,632			
Richmond	Mobile	Grandfathered	Sandhills Regional Medical Center (InSight Health Corp)	0	0.01	47	38	9	0	0	51			
Richmond	Mobile	J-007008-04	Sandhills Regional Medical Center (InSight Health Corp)	0	0.15	578	356	172	42	8	670			
Richmond		1		1	1.55	2,104				l .	2,353	1,518	3,775	0
Robeson	Hospital Fixed	N-005496-96; N-006606- 02	Southeastern Regional Medical Center	2	2.00	6,561	3,395	1,132	1,525	509	8,031			
Robeson	Mobile	Grandfathered	Atlantic Diagnostic-Pembroke (Alliance HealthCare Services)	0	0.01	28	28	0	0	0	28			
Robeson	Mobile	Grandfathered	Atlantic Diagnostic-Pembroke (Alliance HealthCare Services)	0	0.01	29	29	0	0	0	29			
Robeson	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.01	32	27	5	0	0	34			
Robeson	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.02	99	86	13	0	0	104			
Robeson	Mobile	O-007340-05	Waccamaw Imaging (Waccamaw Ultrasound & Diagnostics)	0	0.14	565	565	0	0	0	565			

Service Area		CON#	ked and Mobile Procedu Service Site			Total MRI			Inpt No	Inpt	Adjusted	Area Avg		MRI
Service Area	Type	CON#	(Provider/Owner)	Magnet		Scans			Contrast		Total	Procs	Threshold	
Robeson	71		(1 2 2 2 7	2	2.19	7,314					8,791	4,014	4,118	_
Rockingham	Hospital Fixed	G-006691-02	Annie Penn Hospital	1	1.00	3,115	2,313	553	194	55	3,458			
Rockingham	Hospital Fixed	G-006297-00	Morehead Memorial Hospital	1	1.00	2,756	1,899	574	213	70	3,127			
Rockingham	Mobile	Grandfathered	Reidsville Imaging (InSight Health Corp)	0	0.01	26	23	3	0	0	27			
Rockingham				2	2.01	5,897					6,612	3,289	4,118	0
Rowan	Hospital Fixed	F-005829-98; F-006919- 03; F-008314-09	Rowan Regional Medical Center- Consolidated	4	4.00	11,078	7,694	2,093	1,034	257	12,534	·		
Rowan	Mobile	Grandfathered	Romedical Care (Alliance HealthCare Services)	0	0.24	1,131	1,130	1	0	0	1,131			
Rowan				4	4.24	12,209					13,666	3,223	4,805	0
Rutherford	Hospital Fixed	C-006229-00; C-007298- 05; C-008313-09	Rutherford Hospital, Inc.	1	1.00	3,127	2,004	720	198	205	3,658		,,,,,	
Rutherford				1	1.00	3,127					3,658	3,658	3,775	0
Sampson	Hospital Fixed	M-007218-05	Sampson Regional Medical Center	1	1.00	1,997	1,489	474	24	10	2,204	.,	-, -	
Sampson	Mobile	Grandfathered	Atlantic Radiology Associates- Roseboro (Alliance HealthCare Services)	0	0.05	184	167	17	0	0	191			
Sampson	Mobile	Grandfathered	Clinton Medical Clinic (Alliance HealthCare Services)	0	0.11	426	391	35	0	0	440			
Sampson				1	1.16	2,607					2,835	2,444	3,775	0
Scotland	Hospital Fixed	N-007805-07	Scotland Memorial Hospital and Edwin Morgan Center	2	2.00	4,230	3,067	624	424	115	4,741	•		
Scotland	Mobile	J-007008-04	Scotland Imaging (InSight Health Corp)	0	0.07	286	242	44	0	0	304			
Scotland				2	2.07	4,516					5,045	2,437	4,118	0
Stanly	Hospital Fixed	F-007461-06	Stanly Regional Medical Center	1	1.00	2,864	1,867	655	245	97	3,302			
Stanly				1	1.00	2,864					3,302	3,302	3,775	0
Stokes	Mobile	G-007065-04	Mountainview Medical (Forsyth Memorial Hospital)	0	0.08	139	139	0	0	0	139			
Stokes				0	0.08	139					139	139	1,716	0
Surry	Hospital Fixed	G-006792-03	Hugh Chatham Memorial Hospital	1	1.00	3,605	2,707	297	341	260	4,068			
Surry	Hospital Fixed	G-006569-02; G-008115- 08	Northern Hospital of Surry County	2	2.00	4,150	2,859	931	216	144	4,724			

			red and Mobile Procedu										1	Т
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Swain	Mobile	G-006271-00	WestCare Health System (Alliance HealthCare Services)	0	0.00	8	5	3	0	0	9			
Swain				0	0.00	8		l.	l.	l.	9	9	1,716	0
Transylvania	Hospital Fixed	B-007019-04	Transylvania Community Hospital	1	1.00	2,345	1,736	454	124	31	2,601			
Transylvania				1	1.00	2,345					2,601	2,601	3,775	0
Union	Hospital Fixed	F-005920-98	Union Memorial Regional Medical Center	1	1.00		2,636	903	1,108	198	5,808	<u>, , , , , , , , , , , , , , , , , , , </u>	,	
Union	Freestand- ing Fixed		Union West MRI (Union Medical Services)	1	1.00	754	600	154	0	0	816			
Union	Mobile	Grandfathered	Mecklenburg Diagnostic (Alliance HealthCare Services)	0	0.15	628	514	114	0	0	674			
Union	Mobile	Grandfathered	Mecklenburg Diagnostic (Alliance HealthCare Services)	0	0.16	674	540	134	0	0	728			
Union	Mobile	Grandfathered	OrthoCarolina PA (Alliance HealthCare Services)	0	0.11	468	468	0	0	0	468			
Union	Mobile	Grandfathered	OrthoCarolina, PA (Alliance HealthCare Services)	0	0.01	51	51	0	0	0	51			
Union				2	2.43	7,420					8,544	3,516	4,118	0
Vance	Hospital Fixed	K-006527-01; K-007839- 07	Maria Parham Medical Center	2	2.00	-	2,580	759	601	197	4,839	,		
Vance	Mobile	M-006605-02	Henderson (Mobile Imaging of NC)	0	0.05	210	210	0	0	0	210			
Vance/Warre	en			2	2.05	4,347					5,049	2,463	4,118	0
Wake	Hospital Fixed		Duke Raleigh Hospital	1	1.00		1,635	1,997	305	626	5,985	,		
Wake	Hospital Fixed	J-006932-03	Rex Hospital, IncConsolidated	3	3.00	9,740	3,484	3,313	1,888	1,055	12,664			
Wake	Hospital Fixed	J-006368-01	WakeMed	2	2.00	10,368	4,015	1,644	3,083	1,626	13,560			
Wake	Hospital Fixed	J-007119-04	WakeMed Cary	1	1.00	4,232	2,053	1,059	670	450	5,284			
Wake	Freestand- ing Fixed	- J-005783-97	Raleigh MRI Center (Wake Radiology Diagnostic Imaging)	1	1.00	4,394	2,403	1,991	0	0	5,190			
Wake	Freestand- ing Fixed	- Grandfathered	Raleigh MRI Center (Wake Radiology Diagnostic Imaging)	1	1.00	4,152	2,311	1,841	0	0	4,888			
Wake	Freestand- ing Fixed	- Grandfathered	Raleigh Neurology [fixed per 4/28/10 declaratory ruling] (Alliance HealthCare Services)	1	1.00	0	0	0	0	0	0			

C			Fixed and Mobile Procedu											T. 845:
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast		Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Wake	Freestand- ing Fixed		Raleigh Neurology Associates	1	1.00		4,215	2,216	0	0	7,317			
Wake	Freestand- ing Fixed	Grandfathered	Raleigh Radiology [fixed per 3/07/08 declaratory ruling] (Alliance HealthCare Services)	1	1.00	2,743	1,849	894	0	0	3,101			
Wake	Freestand- ing Fixed	J-007289-05	Raleigh Radiology at Cedarhurst (Pinnacle Health Services of North Carolina, LLC)	1	1.00	6,869	5,340	1,529	0	0	7,481			
Wake	Freestand- ing Fixed	Grandfathered	Wake Radiology-Cary [per 10/05/09 declaratory ruling] (Alliance HealthCare Services)	1	1.00	0	0	0	0	0	0			
Wake	Mobile	Grandfathered	Carolina Back Institute (InSight Health Corp)	0	0.05	217	203	14	0	0	223			
Wake	Mobile	J-007008-04	Carolina Back Institute (InSight Health Corp)	0	0.24	1,131	1,072	59	0	0	1,155			
Wake	Mobile	Grandfathered	Cary Diagnostic Radiology (Alliance HealthCare Services)	0	0.03	122	72	50	0	0	142			
Wake	Mobile	Grandfathered	Cary Diagnostic Radiology (Alliance HealthCare Services)	0	0.09	450	311	149	0	0	520			
Wake	Mobile	J-007013-04	Dorothea Dix Hospital (WakeMed Health and Hospitals)	0	0.03	147	4	0	67	76	235			
Wake	Mobile	Grandfathered	Duke Raleigh Hospital (Alliance HealthCare Services)	0	0.03	150	83	67	0	0	177			
Wake	Mobile	O-006665-02	North Carolina Diagnostic Imaging-Cary (Cape Fear Mobile Imaging, LLC)	0	0.08	388	312	76	0	0	418			
Wake	Mobile	J-007012-04	Raleigh MRI Center (Wake Radiology Diagnostic Imaging)	0	0.00	19	13	6	0	0	21			
Wake	Mobile	Grandfathered	Raleigh Neurology (InSight Health Corp)	0	0.14	682	279	403	0	0	843			
Wake	Mobile	Grandfathered	Raleigh Neurology (InSight Health Corp)	0	0.01	72	40	32	0	0	85			
Wake	Mobile	J-007756-06	Raleigh Orthopaedic Clinic-Cary (Raleigh Orthopaedic Clinic)	0	0.13	620	620	0	0	0	620			
Wake	Mobile	J-007756-06	Raleigh Orthopaedic Clinic- Durant Rd (Raleigh Orthopaedic Clinic)	0	0.14	678	678	0	0	0	678			
Wake	Mobile	J-007756-06	Raleigh Orthopaedic Clinic- Glenwood Ave (Raleigh Orthopaedic Clinic)	0	0.49	2,345	2,305	40	0	0	2,361			
Wake	Mobile	Grandfathered	Raleigh Radiology (Alliance HealthCare Services)	0	0.32	1,555	1,366	184	4	1	1,631			
Wake	Mobile	Grandfathered	Raleigh Radiology (Alliance HealthCare Services)	0	0.02	74	56	18	0	0	81			

			Fixed and Mobile Procedu											
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet		Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Wake	Mobile	Grandfathered	Raleigh Radiology (Alliance HealthCare Services)	0	0.38	1,817	1,364	453	0	0	1,998			
Wake	Mobile	Grandfathered	Raleigh Radiology (Alliance HealthCare Services)	0	0.13	639	476	163	0	0	704			
Wake	Mobile	Grandfathered	Raleigh Radiology (Allliance HealthCare Services)	0	0.01	50	45	5	0	0	52			
Wake	Mobile	J-007008-04	Raleigh Radiology (InSight Health Corp)	0	0.01	46	33	13	0	0	51			
Wake	Mobile	Grandfathered	Raleigh Radiology (InSight Health Corp)	0	0.03	155	133	22	0	0	164			
Wake	Mobile	J-007284-05	Rex Healthcare of Wakefield (Rex Hospital)	0	0.20	949	493	446	5	5	1,133			
Wake	Mobile	J-008483-09	Triangle Orthopaedic Associates- Apex (Triangle Orthopaedic Associates)	0	0.20	0	0	0	0	0	0			
Wake	Mobile	J-008483-09	Triangle Orthopaedic Associates- Raleigh (Triangle Orthopaedic Associates)	0	0.60	0	0	0	0	0	0			
Wake	Mobile	Grandfathered	Triangle Orthopaedic-Raleigh (Alliance HealthCare Services)	0	0.00	16	16	0	0	0	16			
Wake	Mobile	Grandfathered	Triangle Orthopaedic-Raleigh (Alliance HealthCare Services)	0	0.22	1,061	1,061	0	0	0	1,061			
Wake	Mobile	Grandfathered	Triangle Orthopaedic-Raleigh (Alliance HealthCare Services)	0	0.05	259	259	0	0	0	259			
Wake	Mobile	Grandfathered	Wake Radiology Diagnostic Imaging (Alliance HealthCare Services)	0	0.03	164	143	21	0	0	172			
Wake	Mobile	J-007012-04	Wake Radiology Northwest (Wake Radiology Diagnostic Imaging)	0	0.00	20	14	6	0	0	22			
Wake	Mobile	Grandfathered	Wake Radiology Services (Alliance HealthCare Services)	0	0.01	72	58	14	0	0	78			
Wake	Mobile	Grandfathered	Wake Radiology Services (Alliance HealthCare Services)	0	0.01	45	30	15	0	0	51			
Wake	Mobile	J-007012-04	Wake Radiology-Cary (Wake Radiology Diagnostic Imaging)	0	0.27	1,306	1,133	173	0	0	1,375			
Wake	Mobile	Grandfathered	Wake Radiology-Garner (Alliance HealthCare Services)	0	0.01	57	42	15	0	0	63			
Wake	Mobile	Grandfathered	Wake Radiology-Garner (Alliance HealthCare Services)	0	0.04	212	178	34	0	0	226			
Wake	Mobile	Grandfathered	Wake Radiology-Garner (Alliance HealthCare Services)	0	0.03	128	97	31	0	0	140			

			red and Mobile Procedu											
Service Area	Service Type	CON#	Service Site (Provider/Owner)	Fixed Magnet	Fixed	Total MRI Scans	Contrast		Inpt No	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI
Wake	Mobile	Grandfathered	Wake Radiology-Garner	Magnet 0	0.04			33	0			Piocs	Threshold	Need
wake	IVIODIIE	Grandiathered	(Alliance HealthCare Services)		0.04	199	100	33			212			
Wake	Mobile	Grandfathered	Wake Radiology-Garner (Alliance HealthCare Services)	0	0.01	53	35	18	0	0	60			
Wake	Mobile	Grandfathered	Wake Radiology-Garner (Alliance HealthCare Services)	0	0.00	6	6	0	0	0	6			
Wake	Mobile	J-007012-04	Wake Radiology-Garner (Wake Radiology Diagnostic Imaging)	0	0.40	1,906	1,319	587	0	0	2,141			
Wake	Mobile	J-008268-08	Wake Sites 1 and 2 (Pinnacle Health Services of NC)	0	0.71	0	0	0	0	0	0			
Wake	Mobile	Grandfathered	WakeMed Health and Hospitals (Alliance HealthCare Services)	0	0.18	862	696	146	15	5	930			
Wake	Mobile	J-007013-04	WakeMed North HealthPlex (WakeMed Health and Hospitals)	0	0.20	939	616	323	0	0	1,068			
Wake			2010 SMFP Need Determination	1	1.00	0	0	0	0	0	0			
Wake				15	20.57	73,103					86,643	4,212	4,805	0
Washington	Mobile	Grandfathered	Washington County Hospital (Alliance HealthCare Services)	0	0.27	459	359	72	22	6	501	,	,	
Washington	Mobile	Grandfathered	Washington County Hospital (Alliance HealthCare Services)	0	0.01	12	7	4	1	0	14			
Washington				0	0.28	471					515	515	1,716	0
Watauga	Hospital Fixed	D-006652-02	Watauga Medical Center, Inc.	2	2.00		2,571	1,027	330	216	4,860		, ,	
Watauga				2	2.00	4,144					4,860	2,430	4,805	0
Wayne	Hospital Fixed	P-006889-03; P-007447- 05	Wayne Memorial Hospital, Inc.	2	2.00		3,665	1,163	430	258	•	,	,	
Wayne	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.03	118	115	3	0	0	119			
Wayne	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.00	13	13	0	0	0	13			
Wayne	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.05	222	193	29	0	0	234			
Wayne	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.00	13	13	0	0	0	13			
Wayne	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.07	296	232	64	0	0	322			

	•	Table 9K: MRI Fix	red and Mobile Procedu	ires by	MRI S	ervice Ar	ea with T	iered Th	resholds	and Fix	ed Equiv	alents		
Service Area	Service	CON#	Service Site			Total MRI	Outpt No	Outpt	Inpt No	Inpt	Adjusted	Area Avg		MRI
	Type		(Provider/Owner)	Magnet		Scans	Contrast	Contrast	Contrast	Contrast	Total	Procs	Threshold	Need
Wayne	Mobile	Grandfathered	Atlantic Radiology Associates- Goldsboro (Alliance HealthCare Services)	0	0.38	1,568	1,531	37	0	0	1,583			
Wayne				2	2.53	7,746					8,643	3,416	4,118	0
Wilkes	Hospital Fixed	D-005911-98	Wilkes Regional Medical Center	1	1.00	2,799	1,862	573	281	83	3,207			
Wilkes				1	1.00	2,799					3,207	3,207	3,775	0
Wilson	Hospital Fixed		Wilson Medical Center	1	1.00	3,377	1,203	1,437	440	297	4,365			
Wilson	Freestand- ing Fixed		Regional MRI of Wilson	1	1.00	2,635	2,635	0	0	0	2,635			
Wilson	Freestand- ing Fixed	L-007624-06	WilMed Imaging Services	1	1.00	314	204	110	0	0	358			
Wilson	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.01	26	16	10	0	0	30			
Wilson	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.00	10	5	5	0	0	12			
Wilson	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.02	106	51	65	0	0	142			
Wilson	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.00	5	2	3	0	0	6			
Wilson	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance HealthCare Services)	0	0.01	58	47	11	0	0	62			
Wilson		I		3	3.04	6,531					7,611	2,504	4,462	0
Yadkin	Mobile	G-007038-04	Yadkin Valley Community Hospital (prev. Hoots Memorial Hospital) (Alliance HealthCare	0	0.05	94	83	4	7	0	98			
Yadkin	Mobile	G-006271-00	Yadkin Valley Community Hospital (prev. Hoots Memorial Hospital) (Alliance HealthCare	0	0.04	61	55	4	1	1	64			
Yadkin				0	0.09	155					162	162	1,716	0
			Total	227	264.17	828,805					Total	of Need Det	erminations	3

Theshold

4+ Fixed Scanners = 4,805 3 Fixed Scanners = 4,462

2 Fixed Scanners = 4,118

1 Fixed Scanner = 3,775

0 Fixed Scanners = 1,716

Table 9L(1): Inventory of MRI Scanners for Cardiovascular Clinical Research Use Pursuant to Policy AC-3 in the North Carolina 2001 State Medical Facilities Plan

Service Area	County	Provider	MRI Scanners
	Durham	Duke University Hospital	2

A certificate of need (J-006511-01) was issued on April 30, 2002 to Duke University Hospital. The certificate of need states that Duke University Health Systems, Inc. shall, pursuant to Policy AC-3 in the 2001 SMFP, convert a research only MRI scanner to clinical research use and acquire a second MRI scanner for clinical research use by the Cardiovascular and Magnetic Resonance Center. These MRI scanners shall only be used for cardiovascular purposes and shall not be counted in the inventory of fixed MRI scanners.

Table 9L(2): Inventory of Dedicated Breast MRI Scanners Pursuant to Adjusted Need Determinations in the North Carolina 2002 and 2006 State Medical Facilities Plans

Service			
Area	County	Provider	MRI Scanners
	Mecklenburg	Charlotte Radiology Breast Center	1
	`	725-02) was issued on September 24, 2003 d/b/a Charlotte Radiology Breast Center, sha	to Charlotte Radiology, P.A. The certificate of need states that all acquire a dedicated breast MRI scanner.
	Forsyth	Breast Clinic MRI, LLC	1

A certificate of need (G-007601-06) was issued on November 27, 2006 to Breast MRI Clinic, LLC. The certificate of need states that the center shall acquire a dedicated breast MRI scanner.

These MRI scanners shall be used exclusively in mammographic studies and shall not be counted in the inventory of fixed MRI scanners. These MRI scanners shall not be used for general diagnostic purposes, and the projected costs for procedures to patients and payors shall be lower than the costs associated with conventional MRI procedures.

Table 9L(3): Inventory of Dedicated Pediatric MRI Scanner Pursuant to Adjusted Need Determination in the North Carolina 2005 State Medical Facilities Plan

Service			
Area	County	Provider	MRI Scanners
	Mecklenburg	Carolinas Medical Center	1

A certificate of need (F-007219-05) was issued on August 23, 2005 to Carolinas Medical Center to locate a dedicated pediatric MRI scanner in Levine Children's Hospital. This MRI scanner shall be used exclusively in pediatric studies and shall not be counted in the inventory of fixed MRI scanners. This MRI scanner shall not be used for adult patients, and the projected costs for procedures to patients and payors shall be lower than the costs associated with conventional MRI procedures.

Table 9L(4): Inventory of Demonstration Project for a Fixed Extremity MRI Scanner Pursuant to Adjusted Need Determination in the North Carolina 2006 State Medical Facilities Plan

Service			
Area	County	Provider	MRI Scanners
	Wake	Bone & Joint Surgery Clinic, LLP	1

A certificate of need (J-007605-06) was issued on March 28, 2007 to The Bone and Joint Surgery Clinic, LLP to locate a demonstration project for a fixed extremity MRI scanner. The fixed extremity MRI scanner shall not be counted in the regular inventory of MRI scanners and shall not be used for whole body procedures. In addition, the demonstration project shall be conducted as an organized research study to determine the convenience, cost effectiveness and improved access provided by a fixed extremity MRI scanner. The project shall include a comparative analysis of "total dollars received per procedure" performed on extremity MRI scanners and "total dollars received per procedure" for similar procedures performed on fixed whole body MRI scanners. The purpose of this aspect of the study is to demonstrate any cost savings to the patient or third party payer of the extremity MRI scanner. A mechanism to ensure cost savings must be included in the demonstration project. The recipient of the certificate of need must provide annual reports demonstrating cost savings for a three-year reporting period from the date of installation.

Table 9L(5): Inventory of MRI Scanners Dedicated For Radiation Oncology and Use in Operating Room Suite

Service			
Area	County	Provider	MRI Scanners
	Durham Durham Forsyth	Duke University Hospital Duke University Hospital Wake Forest University Baptist Hospital	one MRI scanner in operating room suite one MRI scanner dedicated for radiation oncology one MRI scanner dedicated for radiation oncology

Two MRI scanners, one at Duke University Hospital and one at Wake Forest University Baptist Hospital, shall be used exclusively for radiation oncology and shall not be counted in the inventory of fixed MRI scanners. These MRI scanners shall not be used for conventional MRI procedures. One MRI scanner, at Duke University Hospital, shall be used in an operating room suite and shall not be used for clinical diagnostic purposes.

Table 9L (6): Inventory of Fixed Multi-Position MRI Scanners Dedicated For Two Demonstration Projects (One Scanner Per Project)

Service Area	County	Provider	MRI Scanners
I, II, III	Mecklenburg	Carolina Neurosurgery & Spine Associates, P.A.	1
IV, V, VI	Durham	Triangle Orthopaedic Associates	1

The North Carolina 2008 State Medical Facilities Plan included an adjusted need determination for two demonstration projects with one multiposition MRI scanner per project. One demonstration project of one multi-position MRI scanner shall be located in the western portion of the state (HSAs I, II, and III). One demonstration project of one multi-position MRI scanner shall be located in the eastern portion of the state (HSAs IV, V and VI). These MRI scanners shall be used exclusively in the demonstration projects, shall not be counted in the inventory of fixed MRI scanners, and shall not be later replaced with conventional MRI scanners. Certificates of need were issued on 10/28/2008 to Triangle Orthopaedic Associates, PA. (J-008107-08), and to Carolina Neurosurgery & Spine Associates, P.A. on 3/9/2009 (F-008106-08).

Table 9M: Fixed MRI Scanners Need Determinations

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the service areas listed in the table below need additional fixed MRI scanners as specified.

MRI Service Area	HSA	Fixed MRI Scanners Need Determination	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Gaston	III	1	September 15, 2011	October 1, 2011
Mecklenburg	III	1	May 16, 2011	June 1, 2011
Pitt/Greene/Hyde	VI	1	April 15, 2011	May 1, 2011

It is determined that there is no need for additional fixed MRI scanners anywhere else in the state and no other reviews are scheduled.

- * Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).
- ** Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).

Cardiac Catheterization Equipment

Definitions

"Cardiac catheterization equipment", as defined in G.S. §131E-176(2f), "means the equipment used to provide cardiac catheterization services."

"Cardiac catheterization services", as defined in G.S. §131E-176(2g), "means those procedures, excluding pulmonary angiography procedures, in which a catheter is introduced into a vein or artery and threaded through the circulatory system into the heart specifically to diagnose abnormalities in the motion, contraction, and blood flow of the moving heart or to perform surgical therapeutic interventions to restore, repair, or reconstruct the coronary blood vessels of the heart."

A cardiac catheterization (fixed or shared) equipment's service area is the cardiac catheterization equipment planning area in which the equipment is located. The cardiac catheterization equipment planning areas are the same as the Acute Care Bed Service Areas defined in Chapter 5, Acute Care Beds, and shown in Figure 5.1. The cardiac catheterization equipment service area is a single county, except where there is no licensed acute care hospital located within the county. Counties lacking a licensed acute care hospital are grouped with the single county where the largest proportion of patients received inpatient acute care services, as measured by acute inpatient days, unless two counties with licensed acute care hospitals each provided inpatient acute care services to at least 35 percent of the residents who received inpatient acute care services, as measured by acute inpatient days. In that case, the county lacking a licensed acute care hospital is grouped with both the counties which provided inpatient acute care services to at least 35 percent of the residents who received inpatient acute care services, as measured by acute inpatient days. The three most recent years of available acute care days patient origin data are combined and used to create the multicounty service areas. These data are updated and reviewed every three years, with the first update occurring in the North Carolina 2011 State Medical Facilities Plan.

Facility Inventory-Service Volume

There were 50 hospitals with fixed cardiac catheterization programs in North Carolina during fiscal year 2008-2009. The reported number of adult cardiac catheterization procedures for the years ending 9/30/1995 through 9/30/2009, and the reported number of pediatric cardiac catheterization procedures for the years ending 9/30/1997 through 9/30/2009 are presented in Tables 9N and 9O. During 2009, there were three mobile cardiac catheterization vendors providing mobile cardiac catheterization services to patients at 11 hospitals across the state. The reported number of mobile cardiac catheterization procedures for the years ending 9/30/2002 through 9/30/2009 is shown in Table 9P, and Table 9Q presents information about percutaneous transluminal coronary angioplasty interventional procedures. Table 9R displays fixed cardiac catheterization equipment capacity and volume based on a capacity of 1,500 procedures.

Cardiac Catheterization Equipment Need Determination Methodology

The North Carolina State Health Coordinating Council defines capacity of an item of cardiac catheterization equipment as 1,500 diagnostic-equivalent procedures per year, with the trigger of need at 80 percent of capacity. One therapeutic cardiac catheterization procedure is valued at 1.75 diagnostic-equivalent procedures. One cardiac catheterization procedure

performed on a patient age 14 or younger is valued at two diagnostic-equivalent procedures. All other procedures are valued at one diagnostic-equivalent procedure.

The standard methodologies used to determine need for additional fixed cardiac catheterization equipment are calculated as follows:

Methodology 1:

- Step 1: Determine the planning inventory for each facility that has fixed cardiac catheterization equipment, immediately prior to publication of the annual State Medical Facilities Plan, to include: existing equipment in operation, approved equipment for which a certificate of need was issued but is pending development, and pending equipment for which no certificate of need has been issued, because the decision on a need determination in a previous year is under review or appeal. For each cardiac catheterization equipment service area, calculate the total number of existing, approved and pending units of cardiac catheterization equipment located in the cardiac catheterization equipment service area.
- Step 2: Determine the number of adult and pediatric diagnostic and interventional procedures performed at each facility as reported for the 12-month period reflected in the 2010 Hospital License Renewal Application or the 2010 Registration and Inventory of Cardiac Catheterization Equipment. If procedures are provided in a county that is part of more than one cardiac catheterization equipment service area, the procedures will be divided equally between the service areas.
- Step 3: For each facility, calculate the total weighted (diagnostic-equivalent) cardiac catheterization procedures by multiplying adult diagnostic procedures by 1.0, interventional cardiac catheterization procedures by 1.75, and pediatric procedures performed on patients age 14 or younger by 2.00.
- Step 4: For each facility, determine the number of units of fixed cardiac catheterization equipment required for the number of procedures performed by dividing the number of weighted (diagnostic-equivalent) cardiac catheterization procedures performed at each facility by 1,200 procedures (i.e., 80 percent of capacity, which is 1,500 procedures). (NOTE: Round the result to the nearest hundredth.)
- Step 5: Sum the number of units of fixed cardiac catheterization equipment required for all facilities in the same cardiac catheterization equipment service area as calculated in Step 4. (NOTE: The sum is rounded to the nearest whole number.)

Step 6: Subtract the number of units of fixed cardiac catheterization equipment required in each cardiac catheterization equipment service area from the total planning inventory for each cardiac catheterization equipment service area. The difference is the number of units of fixed cardiac catheterization equipment needed.

Methodology 2:

For cardiac catheterization equipment service areas in which a unit of fixed cardiac catheterization equipment is not located, need exists for one shared fixed cardiac catheterization equipment (i.e. fixed equipment that is used to perform both cardiac catheterization procedures and angiography procedures) when:

- a. The number of cardiac catheterization procedures as defined in 10A NCAC 14C .1601(5) performed at any mobile site in the cardiac catheterization equipment service area exceeds 240 (300 procedures X 80 percent) procedures per year for each eight hours per week the mobile equipment is operated at that site during the 12-month period reflected in the 2010 Hospital License Renewal Application or the 2010 Registration and Inventory of Cardiac Catheterization Equipment on file with the North Carolina Division of Health Service Regulation; and
- b. No other fixed or mobile cardiac catheterization service is provided within the same cardiac catheterization equipment service area.

There is adequate capacity and geographical accessibility for cardiac catheterization equipment in the state, and therefore there is no need for any additional mobile cardiac catheterization equipment.

Need Determination

It is determined that there is no need for any additional fixed cardiac catheterization equipment anywhere in the state and no certificate of need reviews will be scheduled. In response to a petition, the State Health Coordinating Council approved an adjusted need determination for one unit of shared fixed cardiac catheterization equipment in Lee County for the North Carolina 2011 State Medical Facilities Plan. It is determined that there is no need for additional units of shared fixed cardiac catheterization equipment anywhere else in the state and no other certificate of need reviews will be scheduled. It is determined that there is no need for additional units of mobile cardiac catheterization equipment anywhere in the state and no reviews will be scheduled.

It is further determined that fixed cardiac catheterization equipment and services shall only be approved for development on hospital sites. It is further determined that mobile cardiac catheterization equipment and services shall only be approved for development on hospital sites.

Table 9N: Adult Diagnostic Fixed Cardiac Catheterization Procedures* by Facility and Aggregate Cardiac Catheterization Totals

Facility	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Alamance Regional		690	828	931	994	1,226	1,126	920	892	919	920	897	887	947	909
Albemarle Hospital				645	1,244	703	1,078	1,110	787	674	630	756	1,104	948	860
Caldwell Memorial													see mobile	587	331
Cape Fear Valley	581	741	1,102	1,127	1,254	504	1,313	1,490	2,048	2,356	2,584	2,426	1,150	1,606	1,815
Cardiovascular Diagnostic															
Center															992
Cardiac Diagnostic Center-															
Wake			600	569	472	548	365	317							
Carolinas Medical Center	4,510	4,284	4,331	4,334	4,335	5,152	5,400	5,260	4,681	4,032	3,824	4,166	4,105	4,299	4,307
Catawba Valley	343	359	398	470	478	624	624	596	503	493	498	443	461	408	369
Cleveland Regional	146	390	418	556	615	561	579	629	700	417	597	457	425	390	396
CMC - Mercy	1,400	1,472	1,675	1,607	2,283	1,840	1,813	1,489	1,651	1,331	1,388	1,195	1,428	1,026	1,277
CMC-University											245	205	207	222	153
CMC - Union	350	484	469	570	760	687	822	705	723	753	788	779	619	413	379
CarolinaEast Medical Center	975	1,199	1,220	1,360	1,353	1,576	1,504	1,588	1,368	1,565	1,629	1,526	1,421	1,329	1,429
Davis Medical	216	251	241	348	412	421	448	405	342	370	446	363	328	295	258
Duke Raleigh Hospital											1288	202	325	244	588
Duke University	4,939	3,154	4,075	4,558	4,025	4,759	4,949	5,239	5,513	5,574	6,825	5,337	3,700	4,220	3,577
Durham Regional	582	755	823	904	937	724	551	823	835	873	1096	1019	735	637	672
Forsyth Medical Center	2,499	2,659	2,753	2,253	2,614	3,090	4,046	5,024	6,092	6,075	5,429	3,310	3,435	2,811	2,876
Frye Regional	1,938	1,855	1,963	1,996	2,063	2,348	2,643	2,489	2,664	2,624	2,736	3,078	3,125	3,226	3,041
Gaston Memorial			629	1,129	1,602	2,010	2,104	1,959	1,775	2,145	2,224	2,388	2,147	2,243	2,281
Grace Hospital													see mobile	427	391
Greensboro Heart Center													see mobile	464	302
Halifax Regional Medical															
Center															83
Haywood Regional			110	176	140	169	263	213	239	167	301	208	286	151	171
High Point Regional	1,451	1,413	1,550	1,960	1,946	1,985	1,860	2,070	2,123	2,181	2,032	1,997	1,929	5,158	2,099
Iredell Memorial	453	480	614	668	507	579	686	704	708	762	569	743	466	445	571
Johnston Memorial											1057	1032	864	826	442
Lake Norman Regional											204	211	178	156	126
Lenoir Memorial	382	460	539	542	596	533	580	616	650	366	555	408	471	430	357
Margaret R. Pardee Memorial													see mobile	179	165
Mission Hospitals	3,106	3,590	3,638	3,838	3,739	3,811	4,136	3,669	3,322	4,348	4,210	4,316	4,405	3,557	3,345

Table 9N: Adult Diagnostic Fixed Cardiac Catheterization Procedures* by Facility and Aggregate Cardiac Catheterization Totals

			I			ī								1	
Facility	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
FirstHealth Moore	1,622	1,763	1,990	2,490	2,660	2,618	2,683	2,873	2,906	3,457	3,490	3,490	3,294	3,364	3,559
Moses Cone Health**	4,633	4,754	4,223	4,927	5,167	5,264	5,603	5,643	6,855	7,238	5,937	3,000	2,945	2,964	2,772
N. C. Baptist	3,525	2,543	2,898	2,779	2,679	2,548	2,295	2,103	2,134	2,076	2,004	1,782	1,790	1,652	1,642
Nash General	670	851	892	916	1,112	1,045	1,356	1,507	1,627	1,216	1,155	1,015	967	882	754
New Hanover Regional	2,164	2,491	2,590	2,666	2,682	3,209	3,373	3,380	3,583	3,867	3,943	2,669	2,719	2,728	2,826
CMC-NorthEast	1,243	1,426	1,067	955	1,037	1,206	1,391	1,284	1,533	1,629	1,574	1,008	963	797	865
Onslow Memorial	340	463	238	432	629	636	706	459	372	270	118	95	104	29	45
Pitt County	3,912	3,990	3,506	3,279	2,990	3,095	3,080	4,636	4,912	5,081	4,033	3,301	3,467	2,428	2,654
Presbyterian Hospital	3,322	3,492	3,516	3,537	3,200	2,229	2,359	2,568	2,562	2,137	2,248	2,168	1,810	1,534	1,531
Presbyterian-Matthews							531	515	528	468	461	500	457	415	499
Randolph Hospital												1	see mobile	76	7
Rex Hospital	1,690	1,912	2,078	2,365	2,416	3,141	3,254	2,846	2,207	2,041	1,923	2,086	1,966	1,901	1,863
Rowan Regional Medical															
Center	563	546	529	667	644	676	617	725	776	437	425	328	362	436	384
Rutherford Hospital												-	see mobile	81	42
Southeastern Regional	777	908	951	930	916	1,017	1,073	915	796	972	827	652	957	830	813
Stanly Memorial	249	272	255	264	234	235	170	288	312	251	144	138	57	19	29
UNC Hospitals	1,258	1,740	1,794	1,682	1,703	2,084	2,075	1,510	1,328	1,673	2,114	2,168	1,995	1,899	1,758
WakeMed	3,835	4,409	4,190	4,400	4,356	3,920	4,344	4,353	4,775	5,082	5,420	5,536	5,262	5,410	5,402
WakeMed Cary											498	401	406	384	304
Watauga Medical Center									-	-		-	93	148	99
Wayne Memorial	290	321	269	310	318	321	512	558	558	528	529	413	346	293	362
Wilkes Regional				179	166	161	69	97	78	107	70	46	34	5	0
Wilmington Heart Center												-	see mobile	1,227	977
Wilson Medical	435	519	536	483	466	455	502	553	678	606	653	571	464	396	412
Sub-Total															
Fixed Adult	53,819	56,636	59,498	64,002	65,744	67,710	72,883	74,128	76,136	77,161	79,641	68,829	64,659	67,542	64,161
Pediatric	645	730	630	580	557	543	634	634	734	594	664	760	676	640	686
Sub-Total															
Fixed Adult/Ped.	54,464	57,366	60,128	64,617	66,301	68,253	73,517	74,762	76,870	77,755	80,305	69,589	65,335	68,182	64,847
Mobile Units	3,346	3,477	3,672	3,140	3,432	5,172	4,779	4,406	4,291	5,048	4,357	4,967	5,318	1,527	1,529
Grand Total	57,810	60,843	63,800	67,757	69,733	73,425	78,296	79,168	81,161	82,803	84,662	74,556	70,653	69,709	66,376

Source: North Carolina Division of Health Service Regulation Annual Hospital License Renewal Applications

^{*}Includes inpatient and outpatient procedures

^{**}Wesley Long Community Hospital's data through 1997 reported under Moses Cone Health

Table 90: Pediatric Diagnostic Catheterization Procedures *

	Lubic	, , , , ,	Louidi	TIC DI	uSilos	ic Cut	1100011	Zution	11000	au co			
Facility	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carolinas Medical Center	150	153	120	98	149	100	166	163	155	160	169	189	182
Medical Celifei	130	133	120	90	149	100	100	103	133	100	109	109	102
Duke Univ. Hospital	176	180	195	174	161	95	142	88	149	247	187	198	203
Hospital	1/0	100	193	1/4	101	93	142	00	149	247	107	198	203
Mission Hospitals				1	30	38	13	1	1				
<u>F</u>				_	50	20	10	•	_				
N. C. Baptist	111	100	93	97	97	96	88	80	60	64	93	83	123
Pitt County													
Memorial	35	19	14	18	27	39	49	44	37	46	26	28	31
UNC Hospitals	158	128	135	155	170	266	276	218	262	243	201	142	147
TOTALS	630	580	557	543	634	634	734	594	664	760	676	640	686

Source: N.C. Division of Health Service Regulation Annual Hospital License Renewal Application.

^{*} Until 1995, Pediatric Procedures were defined as those procedures performed on cardiac patients ages 5 and younger. Beginning in 1996 the Hospital License Renewal Application requested hospitals to report pediatric information based on cardiac patients 14 and under.

Table 9P: Mobile Cardiac Catheterization Procedures

								I
Service Site	2002	2003	2004	2005	2006	2007	2008	2009
Betsy Johnson Regional Hospital		72	120	92	24			
Brunswick Community Hospital								4
Caldwell Memorial	248	336	322	318	577	616	see fixed	see fixed
Cardiac Diagnostic Center-Wake	317							
Central Carolina	147	113	113	207	104	33	51	174
Chatham Hospital		12	50	39				
Chowan Hospital	37	15	15					
Columbus County	117	128	260	122	128	131	81	35
Duke Raleigh Hospital		176	278				see fixed	see fixed
FirstHealth Moore Regional	265	220	596	612		551	see fixed	see fixed
FirstHealth Richmond Memorial	54	69	412	311	196	163	169	220
Frye Regional		6	6					
Good Hope Hospital	46	63	101	37	2			
Greensboro Heart Center		396	402	455	455	457	see fixed	see fixed
Grace Hospital	412	460	405	498	579	430	see fixed	see fixed
Halifax Regional				92	55		84	see fixed
Hugh Chatham Memorial	46	27	25	30	61	72	54	35
Johnston Memorial	744							
Lake Norman Regional	268							
Lexington Memorial Hospital	1							
Lincoln Medical Center				20	20			
Maria Parham	66	130	130	120	121	100	87	76
New Hanover Regional	170			130	0			
Northern Hospital of Surry Co.	189	77	65	88	74	59	49	32
Pardee Memorial Hospital	11	54	42	15	204	134	see fixed	see fixed
Park Ridge	36	44	18					
Powell Medical Clinic-Sampson Reg.		37	37	89	92	87	63	
Presbyterian Hospital-Matthews							see fixed	see fixed
Presbyterian Hospital-Huntersville				32	120	77	140	256
Randolph Hospital	148	135	75	145	515	81	see fixed	see fixed
Rex Hospital	273					54		
Roanoke-Chowan	92	97	67					
Rutherford Hospital	156	68	68	195	66	38	see fixed	see fixed
Regional Medical Center-Kitty Hawk		81	82	88	0			
Sandhills Regional Medical Center		47	41	117	118	116	37	
Scotland Memorial	161	243	243	429	427	424	387	381
Southeastern Cardiology-Robeson			1		52	401	237	222
Thomasville Medical Center	89	62	70	72	51	58	88	94
University of NC Hospitals	29	80	80					
Valdese General	120	117	78	3	0			
Watauga	164	153	15					
Wilmington Heart Center		1	1	1	926	1,143	see fixed	see fixed
Wilmington HC - Brunswick		772	831					
TOTAL	4,406	4,291	5,048	4,357	4,967	5,225	1,527	1,529

Table 9Q: Percutaneous Transluminal Coronary Angioplasty (PTCA) Interventional Procedures *

II	2000	2001	2002	2002	2004	2005	2006	2007	2000	2000
Hospital	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Allamance Regional	155	143	103	99	123	163	140	120	201	179
Albemarle Hospital					63	31				
Cape Fear Valley Medical Center	332	339	415	437	659	747	613	417	1,262	996
Carolinas Medical Center	1,655	1,724	1,784	2,509	1,999	1,791	1,847	1,817	1,756	1,706
						,				
CMC Mercy-Pineville Catawba Valley Medical	940	698	660	633	634	554	516	529	175	143
Center	64	98	61	92	79	92	86	119	85	103
CarolinaEast Medical Center	587	532	567	510	570	586	501	570	504	501
Duke Raleigh Hospital								18	10	104
Duke University Hospital	1,689	1,594	1,655	1,871	1,724	1,845	1,618	1,498	1,840	1,550
Durham Regional Hospital	296	374	375	364	217	78	293	237	281	281
First Health Moore Regional	1,127	1,207	1,284	1,422	1,671	1,759	1,880	1,845	1,439	1,584
Forsyth Medical Center	814	1,787	2,246	2,838	2,632	1,860	1,627	1,593	1,652	1,595
Frye Regional Medical Center	837	836	970	1,107	1,057	1,061	1,300	1,487	1,289	1,217
Gaston Memorial	630	613	1,170	990	1,233	778	837	719	832	795
Grace Hospital										1
High Point Regional Hospital	823	1,426	1,547	1,638	1,762	1,060	856	998	852	1,973
Iredell Memorial Hospital										139
Johnston Memorial Hospital										13
Mission Hospitals	944	1,166	1,237	1,211	1,326	1,376	1,482	1,347	1,489	1,356
Moses Cone	1,816	1,789	1,808	1,944	1,855	1,712	1,850	1,546	1,303	1,298
N. C. Baptist Hospital	1,875	1,598	1,600	1,389	1,383	1,407	1,380	1,105	1,066	850
New Hanover Reg. Med.				·	·					
Center	1,251	1,242	1,318	1,217	1,571	1,846	1,889	1,983	2,110	2,119
CMC-Northeast Medical Center	340	433	411	629	597	686	719	631	705	687
Pitt County Memorial	1,642	1,637	1,838	2,101	2,124	1,807	1,481	1,611	1,398	1,380
Presbyterian Hospital	1,490	1,696	1,758	1,850	1,917	1,864	1,541	1,400	1,361	1,392
Presbyterian Hosp-Matthews	1,490					3			60	38
Rex Hospital	930	1.181	984	1.215	1.237	1,128	1,102	960	980	929
Rowan Reg. Med. Center								26	60	181
Southeastern Regional								20	50	101
Medical Center								132	219	214
UNC Hospitals	301	327	488	536	549	674	632	733	836	795
WakeMed	2,474	2,685	3,011	3,427	3,787	3,751	3,521	3,654	3,944	3,832
WakeMed Cary					2	0	2	7	5	12
TOTAL	23,012	25,125	27,290	30,029	30,771	28,659	27,713	27,102	27,714	27,963

Source: Division of Health Service Regulation Annual License Renewal Application

^{*} The total number of PTCA procedures hospitals reported beginning with the 1999 Hospital License Renewal Application includes procedures coded ICD 36.06 -- Insertion of coronary artery stent(s).

Cardiac Catheterization Equipment Service Areas	Facility	Current Inventory	CON Issued/ Pending Development	Pending Review or Appeal	Total Planning Inventory	f o o t n o t	2009 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Alamance	Alamance Regional	1			1	b	1,222	1.02	0	
	Pending Review/ Appeal				0					
	TOTAL				1			1		0
Buncombe/	Mission Hospitals	6			6	a	5,718	4.77	0	
Graham/	Pending Review/ Appeal				0					
Madison/Yancey	TOTAL				6			5		0
Burke	Grace Hospital (equipment is MedCath owned and operated)	1			1	С	393	0.33	0	
	Pending Review/ Appeal	-			0	Ť				
	TOTAL				1			0		0
Cabarrus	CMC-NorthEast	2			2	b	2,067	1.72	0	Ü
	Pending Review/ Appeal				0	U	2,007	1.72	Ü	
	TOTAL				2			2		0
Caldwell	Caldwell Memorial (equipment is MedCath owned and operated) Pending Review/ Appeal TOTAL	1			1 0 1	С	331	0.28	0	0
Catawba	Catawba Valley	1			1	b	549	0.46	0	U
Catawba	Frye Regional Pending Review/ Appeal TOTAL	3	1		4 0 5	b	5,171	4.31	0	0
Cleveland	Cleveland Regional	1			1	С	396	0.33	0	
	Pending Review/ Appeal				0	Ħ			-	
	TOTAL				1			0		0
Craven/Jones/	CarolinaEast Med. Center	2			2	b	2,306	1.92	0	
Pamlico	Pending Review/ Appeal				0	П	,			
	TOTAL				2			2		0
Cumberland/	Cape Fear Valley	3			3	b	3,558	2.97	0	
Hoke	Pending Review/ Appeal				0	П	,		-	
	TOTAL				3			3		0

Cardiac Catheterization Equipment Service Areas	Facility	Current Inventory	CON Issued/ Pending Development	Pending Review or Appeal	Total Planning Inventory	f o o t n o t	2009 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Durham/ Caswell	Duke	7			7	a	7,620	6.35	0	
	Durham Regional	2			2	b	1,164	0.97	0	
	Pending Review/ Appeal				0					
	TOTAL				9			7		0
Forsyth	Forsyth Memorial Hospital	8			8	b	5,667	4.72	0	
	N. C. Baptist	5			5	a	3,376	2.81	0	
	Pending Review/ Appeal				0					
	TOTAL				13			8		0
Gaston	Gaston Memorial	4			4	b	3,672	3.06	0	
	Pending Review/ Appeal				0					
	TOTAL			-	4			3		0
Guilford	High Point Regional	4			4	b	5,552	4.63	1	
	Moses Cone	7	1		8	b	5,044	4.20	0	
	The Cardiovascular									
	Diagnostic Center	1			1	c	992	0.83	0	
	Greensboro Heart Center (Equipment is MedCath owned and operated. Fixed unit to be replaced with mobile unit for eastern NC route, per 6/4/10 CON									
	correspondence.)	1			1	c	302	0.25	0	
	Pending Review/ Appeal				0					
	TOTAL				14			10		0
Halifax/	Halifax Regional	1			1	c	83	0.07	0	
Northampton	Pending Review/ Appeal				0					
	TOTAL		<u> </u>		1			0	-	0
Haywood	Haywood Regional	1			1	c	171	0.14	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Henderson	Margaret R. Pardee Memorial Hospital (equipment is MedCath owned and operated)	1			1	С	165	0.14	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0

Cardiac Catheterization Equipment Service Areas	Facility	Current Inventory	CON Issued/ Pending Development	Pending Review or Appeal	Total Planning Inventory	n	2009 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Iredell	Iredell Memorial	1			1	c	814	0.68	0	
	Davis Regional	1			1	С	258	0.22	0	
	Lake Norman Regional	1			1	С	126	0.11	0	
	Pending Review/ Appeal				0					
	TOTAL				3			1		0
Johnston	Johnston Memorial	1			1	c	465	0.39	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Lenoir	Lenoir Memorial	1			1	c	357	0.30	0	
	Pending Review/ Appeal				0					
	TOTAL			-	1			0		0
Mecklenburg	Carolinas Medical Center	7			7	a	7,734	6.44	0	
	CMC Mercy-Pineville	4			4	b	1,527	1.27	0	
	Presbyterian	4			4	b	3,967	3.31	0	
	CMC-University	1			1	С	153	0.13	0	
	Presbyterian-Matthews (equipment is MedCath owned and operated)	1			1		566	0.47	0	
	Pending Review/ Appeal	1			0	С	300	0.47	U	
	TOTAL				17	Н		12		0
Moore/Hoke	First Health Moore	4	1	1	5	b	6,331	5.28	0	U
WIOOT C/TTOKE	Pending Review/ Appeal		1		0		0,331	3.20	0	
	TOTAL				5			5		0
Nash	Nash General	2		1	2	С	754	0.63	0	0
1 (465-1	Pending Review/ Appeal				0	Ť	70.	0.00	<u> </u>	
	TOTAL			<u>l</u>	2			1		0
	New Hanover Regional				_			-		
New Hanover	Medical Center	5			5	b	6,534	5.45	0	
	Wilmington Heart Center (equipment is MedCath				_			0.04		
	owned and operated)	1			1	c	977	0.81	0	
	Pending Review/ Appeal				0	Н				0
	TOTAL				6			6		0

Cardiac Catheterization Equipment Service Areas	Facility	Current Inventory	CON Issued/ Pending Development	Pending Review or Appeal	Total Planning Inventory	f o t n o t	2009 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Onslow	Onslow Memorial	1			1	c	45	0.04	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Orange	UNC Hospitals	4			4	a	3,744	3.12	0	
	Pending Review/ Appeal				0					
	TOTAL				4			3		0
Pasquotank/	Albemarle	1			1	С	860	0.72	0	
Camden/ Currituck/Gates/	Pending Review/ Appeal				0					
Perquimans	TOTAL				1			1		0
Pitt/Greene/					-			-		U
Hyde	Pitt County Memorial	7			7	a	5,226	4.35	0	
llydc	Pending Review/ Appeal				0					
	TOTAL				7			4		0
Randolph	Randolph Hospital	1			1	c	7	0.01	0	
	Pending Review/ Appeal				0					
	TOTAL			Ī	1			0		0
Robeson	Southeastern Regional	1			1	b	1,188	0.99	0	
	Pending Review/ Appeal				0					
	TOTAL				1			1		0
Rowan	Rowan Regional	1			1	c	701	0.58	0	
	Pending Review/ Appeal				0					
	TOTAL				1			1		0
Rutherford	Rutherford Hospital	1			1	c	42	0.04	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Scotland	Scotland Memorial		1		1		NR	0.00	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0

Cardiac Catheterization Equipment Service Areas	Facility	Current Inventory	CON Issued/ Pending Development	Pending Review or Appeal	Total Planning Inventory	f o t n o t	2009 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
	Stanly Regional Medical									
Stanly	Center	1			1	c	29	0.02	0	
	Pending Review/ Appeal				0			_		_
	TOTAL		<u> </u>		1		_	0		0
Union	CMC-Union	1			1	c	379	0.32	0	
	Pending Review/ Appeal				0					
	TOTAL		r		1			0		0
Wake	Rex	4			4	b	3,489	2.91	0	
	WakeMed	9			9	b	12,108	10.09	1	
	WakeMed Cary Hospital	1			1	c	325	0.27	0	
	Duke Raleigh Hospital (one unit is MedCath owned and									
	operated)	2			2	c	770	0.64	0	
	Pending Review/ Appeal				0					
	TOTAL				16			14		0
Watauga	Watauga Medical Center	1			1	c	99	0.08	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Wayne	Wayne Memorial	1			1	С	362	0.30	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Wilkes	Wilkes Regional	1			1	С	0	0.00	0	
	Pending Review/ Appeal				0					
	TOTAL		•		1			0		0
Wilson	Wilson Medical Center	1			1	С	412	0.34	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
NORTH CAROL		136	4	0	140		115,865	96		0

a Adult procedures plus angioplasty x 1.75 plus pediatric procedures x 2 b Adult procedures plus angioplasty x 1.75

c Adult procedures

Table 9S: Mobile Cardiac Catheterization Capacity and Volume

Facility	Days/Week On Site	Procedure Capacity	Procedures Reported in 2009
Brunswick Community Hospital	0.25	75	4
Central Carolina	1.00	300	174
Columbus County	1.00	300	35
FirstHealth Richmond Memorial	1.00	300	220
Hugh Chatham Memorial	2.50	750	35
Maria Parham Hospital	1.50	450	76
Northern Hospital of Surry County	0.50	150	32
Presbyterian Hospital - Huntersville	1.00	300	256
Scotland Memorial	2.00	600	381
Southeastern Cardiology - Robeson	5.00	1,500	222
Thomasville Medical Center	1.00	300	94
NC TOTAL: 11	16.75	5,025	1,529

Table 9T: Shared Fixed Cardiac Catheterization Equipment Adjusted Need Determination *

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the service areas listed in the table below need additional shared fixed cardiac catheterization equipment as specified.

Cardiac Catheterization Service Area	HSA	Shared Fixed Cardiac Catheterization Adjusted Need Determination	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Lee	IV	1 ***	February 15, 2011	March 1, 2011

It is determined that there is no need for additional shared cardiac catheterization equipment anywhere else in the state and no other reviews are scheduled.

- * Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).
- ** Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).
- ***The need determination was the result of the approval of an adjusted need determination petition.

Chapter 10: Nursing Care Facilities

CHAPTER 10 NURSING CARE FACILITIES

Summary of Bed Supply and Utilization

In the fall of 2010, the nursing care bed inventory included 42,538 licensed beds in nursing homes and 1,951 licensed beds in hospitals for a total of 44,489 licensed nursing care beds (not including nursing care beds in state-operated and special care facilities). An additional 653 nursing care beds had received approval from the Certificate of Need (CON) Section, but were not yet licensed. The "total inventory" (excluding state-operated and special care facilities) of nursing care beds (licensed + CON approved + previously allocated) was 45.472.

Exclusions from the inventory have been retained for specialty care units (*beds in units designated exclusively for people with head injuries or ventilator dependency*), for out-of-area placements in non-profit religious or fraternal facilities, for one-half of the qualified nursing care beds in continuing care retirement communities (*Policy NH-2 beds*), and for beds transferred from State Psychiatric Hospitals (*Policy NH-5 beds*). For the North Carolina 2011 State Medical Facilities Plan, the excluded beds total 3,046, resulting in an adjusted "planning inventory" of 43,080 nursing care beds.

Changes from the Previous Plan

There have been no substantial changes in application of the nursing care bed need methodology from that used in the North Carolina <u>2010 State Medical Facilities Plan.</u> References to dates in the methodology and in the policies have been advanced by one year, as appropriate.

Basic Assumptions of the Method

- 1. The principal determinant of nursing home use is the age of the population; the higher the age, the higher the use.
- 2. Any advantages to patients that may arise from competition will be fostered by policies which lead to the establishment of new provider institutions. Consequently, whenever feasible, allocations of 90 additional beds or more should be made. It is recognized, however, that such allocations do not always result in new entities.
- 3. Counties whose deficits represent a high proportion (10 percent or greater) of their total needs (deficit index) and who have an occupancy of licensed beds in the county, excluding continuing care retirement communities, that is 90 percent or greater based on utilization data reported on 2010 License Renewal Applications, should receive need determinations, even though such increments may be of insufficient size to encourage establishment of new facilities.

- 4. Need should be projected three years beyond the plan year because at least that amount of time is required to bring a needed facility or expansion into service.
- 5. To the extent that out-of-area patients are served by facilities operated by religious or fraternal organizations, beds so occupied will be excluded from a county's inventory.
- 6. When substantial blocks of nursing care beds have been converted to care for head injury or ventilator-dependent patients, these beds will be removed from the inventory.
- 7. One-half of the nursing care beds developed as part of a continuing care retirement community (under Policy NH-2) will be excluded from the inventory.
- 8. Nursing care beds transferred from state psychiatric hospitals to the community pursuant to Policy NH-5 shall be excluded from the inventory.
- 9. A goal of the planning process is a reasonable level of parity among citizens in their geographic access to nursing home facilities.
- 10. The following bed-to-population ratios were derived from combined patient utilization data as reported on 2010 Nursing Home License Renewal Applications and on Nursing Care Supplements to the 2010 Hospital License Renewal Applications, projected forward for 30 months based on trend lines reflecting the previous five years' data by age group.

Age Group	Beds Per 1000 Population
Under 65	0.58
65-74	7.70
75-84	26.82
85 and Over	90.16

Sources of Data

Population Data:

Projected numbers of residents, by county and age group, for 2014 were obtained from the North Carolina Office of State Budget and Management.

Estimated active duty military population numbers were excluded from the "Under 65 age group" for any county with more than 500 active duty military personnel. These estimates were obtained from the "Selected Economic Characteristics" portion of the 2000 Census, under the category of "Employment Status – Armed Forces."

Utilization Data:

Data on utilization of nursing facilities by age groups were compiled from the "2010 Renewal Applications for License to Operate a Nursing Home," combined with data from the "Nursing Care Facility/Unit Beds 2010 Annual Data Supplement to Hospital License Applications," as submitted to the North Carolina Department of Health and Human Services, Division of Health Service Regulation.

Application of the Method

The steps in applying the projection method are as follows:

- Step 1: Multiply the adopted age-specific use rates (see "Assumptions") by each county's corresponding projected age-specific civilian population (in thousands) for the target year (2014).
- Step 2: For each county, add the products of the age-specific projections of beds in Step 1. The sum is the county's projected bed utilization.
- Step 3: For each county, the "planning inventory" is determined based on licensed beds adjusted for: CON-Approved/License Pending beds, beds available in prior Plans that have not been CON approved, and, exclusions from the county's inventory, if any. For each county, the projected bed utilization derived in Step 2 is subtracted from the "planning inventory." The result is the county's surplus or deficit.
- Step 4: a. For a county with a deficit of 71 to 90 beds, if the average occupancy of licensed beds in the county, excluding continuing care retirement communities, is 90 percent or greater based on utilization data reported on 2010 Renewal Applications, the need determination is 90 beds.
 - b. For a county with a deficit of 91 or more beds, if the average occupancy of licensed beds in the county, excluding continuing care retirement communities, is 90 percent or greater based on utilization data reported on 2010 Renewal Applications, the need determination is the amount of the deficit rounded* to 10.
 - c. If any other county's deficit is 10 percent or more of its total projected bed need, and the average occupancy of licensed beds in the county, excluding continuing care retirement communities, is 90 percent or greater based on utilization data reported on 2010 Renewal Applications, the need determination is the amount of the deficit rounded* to 10.

*For purposes of rounding need determinations, numbers greater than 10 and ending in one to four would round to the next lower number divisible by 10, and numbers ending in five to nine would round to the next higher number divisible by 10.

(A nursing care bed's service area is the nursing care bed planning area in which the bed is located. Each of the 100 counties in the State is a separate nursing care bed planning area.)

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
		Licenced	INVENTORI		CON Approved	License Pending			-	
		Licensed	Licensed	TOTAL	CON Approved	Licence i chamg	1			TOTAL
		Nursing Beds	Licensed	Licensed			Available in	TOTAL	Sum of	TOTAL Planning
COUNTY	Facility Name	in Nursing Homes	Nursing Beds	Beds	Nursing Hama	Heenitel	SMFP	Available		•
Alamance	Alamance Health Care Center	180	in Hospitals	180	Nursing Home	Hospital	O O	180	Exclusions 0	Inventory 180
Alamance	Edgewood Place at the Village at Brookwood	105	0	105	0	0	0	105	53	52
Alamance	Liberty Commons Nursing & Rehab Center	90	0	90	0	0	0	90	0	90
Alamance	Presbyterian Home of Hawfields	117	0	117	0	0	0	117	14	103
Alamance	Rehabilitation & Healthcare Center of Alamance	120	0	120	0	0	0	120	0	120
Alamance	Twin Lakes Community	100	0	100	0	0	0	100	57	43
Alamance	Twin Lakes Community Twin Lakes-Memory Care Center	16	0	16	0	0	0	16	8	8
Alamance	White Oak Manor-Burlington	160	0	160	0	0	0	160	0	160
Alamance Total	White Oak Manor-Burnington	888	0	888	0	0	0	888	132	756
Alexander	Valloy Nursing Contar	183	0	183	0	0	0	183	49	134
Alexander Total	Valley Nursing Center	183	0	183	0	0	0	183	49 49	134
	Cum Dridge Care & Debabilitation of Alleghany	90	0	90	0	0	0	90	0	90
Alleghany	SunBridge Care & Rehabilitation of Alleghany		0	90	0	0	0	90	0	90
Alleghany Total	A O	90	95	90 95	-	0	0	95 95	0	95 95
Anson	Anson Community Hospital	0			0				_	
Anson Total	Heritage Hills Living Center, LLC	66	9 5	66	0	0 0	0 0	66	0 0	66
Anson Total	A 1 M 1111 1110 0 0 0 1	66		161		•		161	_	161
Ashe	Ashe Memorial Hospital-Seagraves Care Center	0	60	60	0	0	0	60	0	60
Ashe	Margate Health & Rehab Center	150	0	150	0	0	0	150	0	150
Ashe Total		150	60	210	0	0	0	210	0	210
Avery	Cannon Memorial Hospital	0	10	10	0	0	0	10	0	10
Avery	Life Care Center of Banner Elk	118	0	118	0	0	0	118	0	118
Avery Total		118	10	128	0	0	0	128	0	128
Beaufort	Britthaven of Washington	140	0	140	0	0	0	140	0	140
Beaufort	Pungo District Hospital	0	10	10	0	0	0	10	10	0
Beaufort	Ridgewood Manor	150	0	150	0	0	0	150	0	150
Beaufort Total		290	10	300	0	0	0	300	10	290
Bertie	Brian Center Health & Rehab/Windsor	82	0	82	0	0	0	82	0	82
Bertie	Three Rivers Health & Rehab	60	0	60	0	0	0	60	0	60
Bertie Total		142	0	142	0	0	0	142	0	142
Bladen	Cape Fear Valley-Bladen County Hospital	0	10	10	0	0	0	10	0	10
Bladen	Elizabethtown Nursing Center, Inc.	94	0	94	0	0	0	94	0	94
	SunBridge Care & Rehabilitation for Elizabethtown/Poplar									
Bladen	Heights	90	0	90	0	0	0	90	0	90
Bladen Total		184	10	194	0	0	0	194	0	194
Brunswick	Autumn at Brunswick Plantation	0	0	0	100	0	0	100	0	100
Brunswick	Autumn Care of Shallotte	130	0	130	0	0	0	130	0	130
Brunswick	Brunswick Cove Nursing Center	175	0	175	0	0	0	175	0	175
Brunswick	J. Arthur Dosher Hospital	0	50	50	0	0	0	50	0	50
Brunswick	Ocean Trail Convalescent Center, Inc.	99	0	99	0	0	0	99	0	99
Brunswick	Universal Health Care	90	0	90	0	0	0	90	0	90
Brunswick Total		494	50	544	100	0	0	644	0	644
Buncombe	Asheville Health Care Center	106	0	106	0	0	0	106	0	106
Buncombe	Aston Park Health Care Center	120	0	120	0	0	0	120	0	120
Buncombe	Black Mountain Neuro-Medical Treatment Center *	71	0	71	0	0	0	71	71	0
Buncombe	Brian Center Health & Rehab/Weaverville	122	0	122	0	0	0	122	0	122
Buncombe	Brooks-Howell Home	58	0	58	0	0	0	58	38	20
Buncombe	Courtyard Rehabilitation and Nursing Center	120	0	120	0	0	0	120	0	120
Buncombe	Deerfield Episcopal Retirement Community	62	0	62	0	0	0	62	31	31
Buncombe	Emerald Ridge Rehab & Care Center	100	0	100	0	0	0	100	0	100
Buncombe	Flesher's Fairview Health Care Center	106	0	106	0	0	0	106	0	106
Buncombe	Givens Health Center	58	0	58	0	0	0	58	29	29
Buncombe	Golden Living Center-Asheville	77	0	77	0	0	0	77	0	77
Buncombe	Grace Healthcare of Asheville	120	0	120	0	0	0	120	0	120
Buncombe	Highland Farms	60	0	60	0	0	0	60	30	30

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
		Licensed	INVENTOR		CON Approved/	License Pending			1	
		Nursing Beds	Licensed	TOTAL	11					TOTAL
		in Nursing	Nursing Beds	Licensed			Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Buncombe	Mountain Ridge Wellness Center	97	0	97	0	0	0	97	0	97
Buncombe	Pisgah Manor Health Care Center	118	0	118	0	0	0	118	69	49
Buncombe	Western North Carolina Baptist Home	100	0	100	0	0	0	100	8	92
Buncombe	The Laurels of GreenTree Ridge	98	0	98	0	0	0	98	0	98
Buncombe	The Laurels of Summit Ridge	60	0	60	0	0	0	60	0	60
Buncombe	The Oaks at Sweeten Creek Healthcare	100	0	100	0	0	0	100	0	100
Buncombe Total		1753	0	1753	0	0	0	1753	276	1477
Burke	Autumn Care of Drexel	100	0	100	0	0	0	100	0	100
Burke	Britthaven of Morganton	121	0	121	0	0	0	121	0	121
Burke	Carolina Health Care Center of Burke	90	0	90	0	0	0	90	0	90
Burke	College Pines Nursing Center	100	0	100	0	0	0	100	0	100
Burke	Grace Heights Health and Rehab Center	120	0	120	0	0	0	120	0	120
Burke	Grace Ridge	25	0	25	0	0	0	25	13	12
Burke Total	<u> </u>	556	0	556	0	0	0	556	13	543
Cabarrus	Avante at Concord	120	0	120	0	0	0	120	0	120
Cabarrus	Brian Center Health and Retirement	90	0	90	0	0	0	90	0	90
Cabarrus	Five Oaks Manor	160	0	160	0	0	0	160	0	160
Cabarrus	The Gardens of Taylor Glen Retirement Community	24	0	24	0	0	0	24	24	0
Cabarrus	The Oaks at Town Center	70	0	70	0	0	0	70	0	70
Cabarrus	Transitional Health Services of Kannapolis	107	0	107	0	0	0	107	0	107
Cabarrus	Universal Health Care and Rehab Center	120	0	120	0	0	0	120	0	120
Cabarrus Total		691	0	691	0	0	0	691	24	667
Caldwell	Camelot Manor Nursing Care Facility, Inc	120	0	120	0	0	0	120	0	120
Caldwell	Gateway Rehabilitation and Healthcare	100	0	100	0	0	0	100	0	100
Caldwell	Lenior Healthcare Center	120	0	120	0	0	0	120	0	120
Caldwell	Shaire Nursing Center	60	0	60	0	0	0	60	0	60
Caldwell Total		400	0	400	0	0	0	400	0	400
	N/A [Beds located in Currituck (15) and Pasquotank									
Camden	(25) Counties]	0	0	0	0	0	0	0	-40	40
Camden Total		0	0	0	0	0	0	0	-40	40
Carteret	Britthaven of Newport	64	0	64	0	0	0	64	0	64
Carteret	Century Care of the Crystal Coast	92	0	92	0	0	0	92	0	92
Carteret	Harborview Health Care Center	122	0	122	0	0	0	122	0	122
Carteret	Snug Harbor on Nelson Bay	42	0	42	0	0	0	42	0	42
Carteret	Taylor Extended Care	104	0	104	0	0	0	104	0	104
Carteret Total		424	0	424	0	0	0	424	0	424
Caswell	Brian Center Health & Rehabilitation-Yanceyville	157	0	157	0	0	0	157	0	157
Caswell Total		157	0	157	0	0	0	157	0	157
Catawba	Abernethy Laurels	174	0	174	0	0	0	174	98	76
Catawba	Brian Center Health & Rehabilitation-Hickory East	150	0	150	0	0	0	150	0	150
Catawba	Brian Center Health & Rehabilitation-Hickory Viewmont	104	0	104	0	0	0	104	0	104
Catawba	Conover Nursing and Rehab Center	90	0	90	0	0	0	90	0	90
Catawba	Frye Regional Medical Center	0	17	17	0	0	0	17	0	17
Catawba	Lutheran Home-Hickory	104	0	104	0	0	0	104	6	98
Catawba	Lutheran Home-Hickory West	120	0	120	-120	0	0	120	0	0
Catawba	Lutheran Home-Hickory West-Replacement	0	0	0	120	0	0	120	6	114
Catawba Total	Carolina Meadows Health Care	742 90	17 0	759 90	0	0	0	759 90	110 45	649 45
Chatham	SunBridge Care and Rehabilitation Center for Siler City		0	150	0	0	0		45 0	
Chatham	,	150 17		17	23	0	0	150 40	20	150 20
Chatham Chatham	Galloway Ridge/The Arbor The Laurels of Chatham	140	0	140	0	0	0	140	0	140
Chatham Total	THE LAUREIS OF CHARRAITI	397	0	397	23	0	0	420	65	355
Charnam Total Cherokee	Murphy Medical Center	0	134	134	0	0	0	134	0	134
Cherokee	Valley View Care & Rehabilitation Center	76	0	76	0	0	0	76	0	76

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
			INVENTOR		CON Approved	License Pending			1	
		Licensed			CON Approved	Licenser chang	1			
		Nursing Beds	Licensed	TOTAL				TOTAL		TOTAL
00111177	F . 197 M	in Nursing	Nursing Beds	Licensed		11	Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Cherokee Total	D.::	76	134	210	0	0	0	210	0	210
Chowan	Britthaven of Edenton	130	0	130		0		130		130
Chowan	Chowan Hospital	0	40	40	0	0	0	40	0	40
Chowan Total		130	40	170	0	0	0	170	0	170
Clay	Clay County Care Center	90	0	90	0	0	0	90	0	90
Clay Total		90	0	90	0	0	0	90	0	90
Cleveland	Cleveland Pines Nursing Center	120	0	120	0	0	0	120	0	120
Cleveland	Crawley Memorial Hospital	0	10	10	0	0	0	10	10	0
Cleveland	Kings Mountain Hospital	0	10	10	0	0	0	10	0	10
Cleveland	Peak Resources - Shelby/Century Care	100	0	100	0	0	0	100	0	100
Cleveland	White Oak Manor-Kings Mountain	154	0	154	0	0	0	154	0	154
Cleveland	White Oak Manor-Shelby	160	0	160	0	0	0	160	0	160
Cleveland Total		534	20	554	0	0	0	554	10	544
Columbus	Liberty Commons Nursing & Rehab Center	107	0	107	0	0	0	107	0	107
Columbus	Premier Living and Rehab Center	127	0	127	0	0	0	127	0	127
Columbus	Shoreland Health Care & Retirement Center	89	0	89	0	0	0	89	0	89
Columbus Total		323	0	323	0	0	0	323	0	323
Craven	Bayview Nursing and Rehabilitation	60	0	60	0	0	0	60	0	60
Craven	Britthaven of Havelock	70	0	70	0	0	0	70	0	70
Craven	Britthaven of New Bern	105	0	105	0	0	0	105	0	105
Craven	Two Rivers Healthcare - Trent Campus	116	0	116	0	0	0	116	0	116
Craven	Two Rivers Healthcare - Neuse Campus	110	0	110	0	0	0	110	0	110
Craven Total	·	461	0	461	0	0	0	461	0	461
Cumberland	Autumn Care of Cumberland	0	0	0	90	0	0	90	0	90
Cumberland	Bethesda Health Care Facility	85	0	85	0	0	0	85	0	85
Cumberland	Campbellton Health Care Center	120	0	120	0	0	0	120	0	120
Cumberland	Carolina Rehab Center of Cumberland County	136	0	136	0	0	0	136	0	136
Cumberland	Golden Years Nursing Home	58	0	58	0	0	0	58	0	58
Cumberland	Haymount Rehab and Nursing Center	98	0	98	0	0	0	98	0	98
Cumberland	Highland House Rehab and Healthcare	106	0	106	0	0	0	106	0	106
Cumberland	North Carolina State Veterans Nursing Home *	150	0	150	0	0	0	150	150	0
Cumberland	The Rehab and Health Care Center/Village Green	170	0	170	0	0	0	170	0	170
Cumberland	Whispering Pine Nursing & Rehab Center	86	0	86	0	0	0	86	0	86
Cumberland	Woodlands Assisted Living and Rehab	80	0	80	0	0	0	80	0	80
Cumberland Total	Troodiando / toolotod Erring and Trondo	1089	0	1089	90	0	0	1179	150	1029
Currituck	Sentara Nursing Center-Currituck	100	0	100	0	0	0	100	15	85
Currituck Total	Contain Haroling Contoi Carnidott	100	0	100	0	Ů	0	100	15	85
Dare	Britthaven of Outer Banks	126	0	126	0	0	0	126	0	126
Dare Total	Britinaveri of Odier Bariks	126	0	126	0	0	0	126	0	126
Davidson	Abbotts Creek Care & Rehab Center/Sunbridge	64	0	64	0	0	0	64	0	64
Davidson	Alston Brook	100	0	100	0	0	0	100	0	100
Davidson	Brian Center Nursing Care-Lexington	106	0	106	0	0	0	106	0	106
Davidson	Britthaven of Davidson	140	0	140	0	0	0	140	0	140
Davidson	Centerclair, Inc.	60	0	60	-60	0	0	0	0	0
Davidson	Lexington Health Care Center	90	0	90	-60	0	0	90	0	90
Davidson		120	0	120	0	0	0	120	0	120
Davidson	Liberty Wood Nursing Center Mountain Vista Health Park	60	0	60	0	0	0	60	0	60
DavidSUN	Piedmont Crossing (United Church) + 60 Beds from	00	U	60	U	U	U	υU	U	υU
Davidson	Centerclair + current exclusions from Centerclair	EΛ	0	5.4	60	0	0	111	60	5 4
Davidson Total	Centerciali + current exclusions from Centerciair	54		54 704	60			114	60	54 734
Davidson Total	Autumn Core of Maskavilla	794	0	794	0	0	0	794	60	734
Davie	Autumn Care of Mocksville	96	0	96	0	0	0	96	0	96
Davie	Bermuda Village Retirement Center	3	0	3	0	0	0	3	0	3
Davie	Bermuda Commons Nursing/Rehab Center	117	0	117	0	0	0	117	0	117
Davie Total		216	0	216	0	0	0	216	0	216

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
		Licensed	INVENTORI		CON Approved/	License Pending				
			Licensed	TOTAL	CON Application	License i chamg	1			TOTAL
		Nursing Beds	Licensed	Licensed			Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	in Nursing Homes	Nursing Beds		Nursing Home	Hoopital	SMFP	Available	Exclusions	•
Duplin	Facility Name Brian Center Health & Rehab-Wallace	80	in Hospitals	Beds 80	Nursing Home	Hospital 0	O O	80	0	Inventory 80
Duplin	Duplin General Hospital	0	20	20	0	0	0	20	0	20
	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		0	80	0	0	0	80	20	60
Duplin	Glencare Kenansville Health and Rehab Center	80 92	0	92	0	0	0	92	0	92
Duplin Duplin Total	Kenansville Health and Kenab Center	92 252	20	92 272	0	0	0	92 272	20	252
Duplin Total	Drian Center Health & Dehabilitation Durham	140		140		0	0	140	0	140
Durham	Brian Center Health & Rehabilitation-Durham	232	0	232	0		0	232	0	232
Durham	Carver Living Center		0			0	0			
Durham	Croasdaile Village	114	0	114	0	U	U	114	66	48
D. orb or-	UniHealth Post-Acute Care-Carolina Point	40		40	0	0	_	40	0	40
Durham	(Portions of Facility are in Durham and Orange County)	18	0	18	0	0	0	18	0	18
Durham	Grace Healthcare of Durham	126	0	126	0	0	0	126	0	126
Durham	Hillcrest Convalescent Center, Inc.	120	0	120	0	0	0	120	0	120
Durham	Peak Resources - Treyburn	132	0	132	0	0	0	132	0	132
Durham	Pettigrew Rehabilitation & Healthcare	96	0	96	0	0	0	96	0	96
Durham	Rose Manor Healthcare Center	123	0	123	0	0	0	123	0	123
Durham	The Cedars of Chapel Hill	32	0	32	12	0	0	44	22	22
Durham	The Forest at Duke	58	0	58	0	0	0	58	29	29
Durham	UniHealth Post-Acute Care-Durham	125	0	125	0	0	0	125	0	125
Durham Total		1316	0	1316	12	0	0	1328	117	1211
Edgecombe	Golden Living Center-Tarboro	159	0	159	0	0	0	159	0	159
Edgecombe	Tarboro Nursing Center	118	0	118	0	0	0	118	0	118
Edgecombe	The Fountains at The Albemarle	30	0	30	0	0	0	30	0	30
Edgecombe Total		307	0	307	0	0	0	307	0	307
Forsyth	Arbor Acres United Methodist Retirement Community	53	0	53	12	0	0	65	49	16
Forsyth	Baptist Retirement Homes of NC/Brookridge	85	0	85	0	0	0	85	75	10
Forsyth	Brian Center Health & Retirement-Winston Salem	40	0	40	0	0	0	40	0	40
Forsyth	Britthaven of Kernersville	92	0	92	0	0	0	92	0	92
Forsyth	Clemmons Nursing and Rehab Center	120	0	120	0	0	0	120	0	120
Forsyth	Grace Healthcare of Winston Salem	230	0	230	0	0	0	230	0	230
Forsyth	Heritage Healthcare of High-Point	100	0	100	0	0	0	100	0	100
	Lutheran Home-Winston Salem (current exclusions applied									
Forsyth	to two replacements to account for methodology)	217	0	217	-217	0	0	0	0	0
Forsyth	Lutheran Home-Winston Salem-Replacement # 1	0	0	0	117	0	0	117	9	108
Forsyth	Lutheran Home-Forsyth County-Replacement # 2	0	0	0	100	0	0	100	8	92
Forsyth	Oak Forest Health and Rehabilitation	170	0	170	0	0	0	170	18	152
Forsyth	Salemtowne/Moravian	84	0	84	0	0	0	84	45	39
Forsyth	Silas Creek Manor	94	0	94	0	0	0	94	0	94
Forsyth	Springwood Care Center of Forsyth	200	0	200	0	0	0	200	0	200
Forsyth	The Oaks at Forsyth	151	0	151	0	0	0	151	0	151
Forsyth Total	,	1636	0	1636	12	0	0	1648	204	1444
Franklin	Britthaven of Louisburg	166	0	166	0	0	0	166	0	166
Franklin	Louisburg Nursing Center	92	0	92	0	0	0	92	0	92
Franklin Total		258	0	258	0	0	0	258	0	258
Gaston	Alexandria Place	60	0	60	0	0	0	60	0	60
Gaston	Belaire Health Care Center	80	0	80	0	0	0	80	0	80
Gaston	Brian Center Health & Rehabilitation-Gastonia	162	0	162	0	0	0	162	0	162
Gaston	Carolina Care Center	107	0	107	0	0	0	107	0	107
Gaston	Courtland Terrace	77	0	77	0	0	0	77	0	77
Gaston	Covenant Village, Inc.	38	0	38	0	0	0	38	19	19
Gaston	Meadow Wood Nursing Center	50	0	50	0	0	0	50	0	50
Gaston	Peak Resources - Cherryville	54	0	54	0	0	0	54	0	54
Gaston	Peak Resources - Gastonia	120	0	120	0	0	0	120	0	120
Gaston	Rehabilitation & Health Center of Gastonia	118	0	118	0	0	0	118	0	118
Custon	Monaphilation a realth benter of bastonia	. 10	, ,	. 10	J	<u> </u>	J	. 10	J	- 1.0

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	/						
		Licensed	INVENTORT		CON Approved/	License Pending			-	
1		Nursing Beds	Licensed	TOTAL			1			TOTAL
1		in Nursing	Nursing Beds	Licensed			Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Gaston	Stanley Total Living Center, Inc.	106	0	106	0	0	0	106	53	53
Gaston Total	Startley Total Living Genter, Inc.	972	0	972	0	0	0	972	72	900
Gates	Down East Health and Rehabilitation	70	0	70	0	0	0	70	0	70
Gates Total	Down East rically and renabilitation	70	0	70	0	0	Ö	70	0	70
Graham	Britthaven of Graham	80	0	80	0	0	0	80	0	80
Graham Total	Britinaven of Granam	80	0	80	0	0	Ö	80	0	80
Granville	Granville Medical Center/Brantwood	0	80	80	0	0	0	80	0	80
Granville	Universal Health Care Oxford	160	0	160	0	0	0	160	0	160
Granville Total	Oniversal Floating Care Calciu	160	80	240	0	0	0	240	0	240
Greene	Britthaven of Snow Hill	115	0	115	0	0	0	115	0	115
Greene Total	Britana voir or orion 1 iiii	115	0	115	0	0	0	115	0	115
Guilford	Adams Farm Living and Rehab	120	0	120	0	0	0	120	0	120
Guilford	Ashton Place Health & Rehab	134	0	134	0	0	0	134	0	134
Guilford	Blumenthal Jewish Nursing/Rehab Center	134	0	134	0	0	0	134	0	134
Guilford	Britthaven of Guilford	120	0	120	0	0	0	120	0	120
Guilford	Camden Place Health & Rehab	135	0	135	0	0	0	135	0	135
Guilford	Carolina Commons Healthcare & Rehab Center	210	0	210	0	0	0	210	0	210
Guilford	Clapp's Nursing Center, Inc.	118	0	118	0	0	0	118	0	118
Guilford	Countryside Manor	60	0	60	0	0	0	60	0	60
Guilford	Friends Home at Guilford	69	0	69	0	0	0	69	35	34
Guilford	Friends Homes West	40	0	40	0	0	0	40	20	20
Guilford	Golden Living Center-Greensboro	105	0	105	0	0	0	105	0	105
Guilford	Golden Living Center-Starmount	126	0	126	0	0	0	126	0	126
Guilford	Guilford Health Care Center	110	0	110	0	0	0	110	0	110
Guilford	Heartland Living and Rehab @ Moses Cone Hospital	0	107	107	0	0	0	107	0	107
Guilford	High Point Regional Health System	0	30	30	0	0	0	30	0	30
Guilford	Kindred Hospital-Greensboro	0	23	23	0	0	0	23	0	23
Guilford	Maryfield Nursing Home/Pennybyrn	125	0	125	0	0	0	125	63	62
Guilford	WhiteStone: A Masonic & Eastern Star Community	88	0	88	0	0	0	88	55	33
Guilford	Moses Cone Health System Hospital	0	19	19	0	0	0	19	0	19
Guilford	Presbyterian Home of High Point	65	0	65	0	0	0	65	0	65
Guilford	River Landing at Sandy Ridge	60	0	60	0	0	0	60	40	20
Guilford	Triad Care & Rehab Center/Sunbridge	199	0	199	0	0	0	199	0	199
Guilford	The Shannon Gray Rehab & Recovery Place	150	0	150	0	0	0	150	0	150
Guilford	Wellspring Retirement Community	60	0	60	0	0	0	60	30	30
Guilford	Westchester Manor at Providence Place	129	0	129	0	0	0	129	0	129
Guilford Total		2357	179	2536	0	0	0	2536	243	2293
Halifax	Britthaven of Enfield	63	0	63	0	0	0	63	0	63
Halifax	Guardian Care of Scotland Neck	62	0	62	0	0	0	62	0	62
Halifax	Guardian Care of Roanoke Rapids	110	0	110	0	0	0	110	0	110
Halifax	Liberty Commons Nursing & Rehab Center of Halifax	50	0	50	0	0	0	50	0	50
Halifax	Our Community Hospital	0	60	60	0	0	0	60	0	60
Halifax Total	- · · · · · · · · · · · · · · · · · · ·	285	60	345	0	0	0	345	0	345
Harnett	Britthaven of Harnett	100	0	100	0	0	0	100	0	100
Harnett	Dunn Rehab & Nursing Center	100	0	100	0	0	0	100	0	100
Harnett	Magnolia Living Center, LLC.	96	0	96	0	0	0	96	0	96
Harnett	Universal Health Care Lillington	129	0	129	0	0	0	129	0	129
Harnett Total		425	0	425	0	0	0	425	0	425
Haywood	Autumn Care of Waynesville	90	0	90	0	0	0	90	0	90
Haywood	Brian Center Health & Rehab-Waynesville	90	0	90	0	0	0	90	0	90
Haywood	Canton Christian Convalescent Center	114	0	114	0	0	0	114	0	114
Haywood	Smoky Mountain Health Care & Rehab Center	50	0	50	0	0	0	50	0	50
	Silver Bluff	131	0	131	0	0	0	131	0	131
Haywood										

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
		Licensed	INVENTOR		CON Approved	License Pending				
		Nursing Beds	Licensed	TOTAL	оску, крристом		1			TOTAL
		in Nursing	Nursing Beds	Licensed			Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Henderson	Beyston Health & Rehab	50	0	50	0	0	0	50	0	50
Henderson	Brian Center Health & Rehabilitation	120	0	120	0	0	0	120	0	120
Henderson	Carolina Village, Inc.	58	0	58	0	0	0	58	29	29
Henderson	Golden Living Center - Hendersonville	150	0	150	0	0	0	150	0	150
Henderson	Hendersonville Health & Rehabilitation	130	0	130	0	0	0	130	0	130
Henderson	Life Care Center of Hendersonville, Inc.	80	0	80	0	0	0	80	0	80
Henderson	Mountain Home Health & Rehab	134	0	134	0	0	0	134	0	134
Henderson	The Laurels of Hendersonville	100	0	100	0	0	0	100	0	100
Henderson	Universal Health Care - Fletcher	90	0	90	0	0	0	90	0	90
Henderson Total	Oniversal Health Care - Hetcher	912	0	912	0	0	0	912	29	883
Hertford	Guardian Care of Ahoskie	151	0	151	0	0	0	151	0	151
Hertford Total	Guardian Care of Arioskie	151	0	151 151	0	0	0	151	0	151
	Automatic Constant	132	0	132	0	0	0	132	0	132
Hoke	Autumn Care of Raeford				-	0	0			0
Hoke	McCain Correctional Hospital *	38	0	38	0			38	38	
Hoke Total	Cross Crosk Harlib Carr	170	0	170	0	0	0	170	38	132
Hyde	Cross Creek Health Care	80	0	80	0	0	0	80	0	80
Hyde Total		80	0	80	0	0	0	80	0	80
Iredell	Autumn Care of Statesville	90	0	90	0	0	0	90	0	90
Iredell	Brian Center Health & Retirement-Mooresville	131	0	131	0	0	0	131	0	131
Iredell	Brian Center Health & Rehab - Statesville	147	0	147	0	0	0	147	0	147
Iredell	Davis Regional Medical Center	0	13	13	0	0	0	13	0	13
Iredell	Iredell Memorial Hospital	0	48	48	0	0	0	48	0	48
Iredell	Maple Leaf Health Care	94	0	94	0	0	0	94	0	94
Iredell	Mooresville Center	130	0	130	0	0	0	130	0	130
Iredell Total		592	61	653	0	0	0	653	0	653
Jackson	Mountain Trace Nursing Center/Harris Reg. Hospital	106	0	106	0	0	0	106	0	106
Jackson	Skyland Care Center, Inc.	94	0	94	0	0	0	94	0	94
Jackson Total		200	0	200	0	0	0	200	0	200
Johnston	2010 SMFP	0	0	0	0	0	60	60	0	60
Johnston	Brian Center Health & Retirement - Clayton	90	0	90	0	0	0	90	0	90
Johnston	Britthaven of Smithfield	200	0	200	5	0	0	205	0	205
Johnston	Liberty Commons Nursing and Rehab	100	0	100	0	0	0	100	0	100
Johnston	Smithfield Manor, Inc.	160	0	160	0	0	0	160	0	160
Johnston Total		550	0	550	5	0	60	615	0	615
Jones	Brookstone Living Center	80	0	80	0	0	0	80	0	80
Jones Total		80	0	80	0	0	0	80	0	80
Lee	Lee County Nursing & Rehab Center	83	0	83	0	0	0	83	0	83
Lee	Liberty Commons Nursing & Rehab - Lee County	80	0	80	0	0	0	80	0	80
Lee	Sanford Health and Rehab	131	0	131	0	0	0	131	0	131
Lee Total		294	0	294	0	0	0	294	0	294
Lenoir	Britthaven of Kinston	175	0	175	0	0	0	175	0	175
Lenoir	Kinston Rehabilitation and Healthcare Center	106	0	106	0	0	0	106	0	106
Lenoir	Lenoir Memorial Hospital	0	26	26	0	0	0	26	0	26
Lenoir Total	•	281	26	307	0	0	0	307	0	307
Lincoln	Brian Center-Lincolnton	117	0	117	0	0	0	117	0	117
Lincoln	Cardinal Healthcare and Rehab Center	63	0	63	0	0	0	63	0	63
Lincoln	Lincoln Nursing Center	120	0	120	0	0	0	120	0	120
Lincoln Total		300	0	300	0	0	0	300	0	300
Macon	Britthaven of Franklin	200	0	200	0	0	0	200	0	200
Macon	Highland-Cashiers Hospital	0	84	84	0	0	0	84	0	84
Macon Total	<u> </u>	200	84	284	0	0	0	284	0	284
Madison	Elderberry Health Care	80	0	80	0	0	0	80	0	80
Madison	Madison Manor Rehab and Nursing Center	100	0	100	0	0	0	100	0	100
Madison Total		180	0	180	0	0	0	180	0	180
aaison rotal		100	· ·	100	Ū		Ü	100	v	100

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
		Licensed	INVENTOR		CON Approved/	License Pending			-	
			Licensed	TOTAL			1			TOTAL
		Nursing Beds	Nursing Beds	Licensed			Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	in Nursing Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Martin	Williamston Rehab and Healthcare Center	154	ni nospitais	154	0	О	O O	154	0	154
Martin Total	Williamston Kenab and Healthcare Center	154	0	154	0	0	0	154	0	154
McDowell	Autumn Care of Marion	110	0	110	0	0	0	110	0	110
McDowell	Sunrise Rehabilitation and Care	140	0	140	0	0	0	140	0	140
McDowell Total	Surinse Renabilitation and Care	250	0	250	0	0	0	250	0	250
Mecklenburg	Asbury Care Center/Aldersgate UMC	100	0	100	0	0	0	100	68	32
Mecklenburg	Autumn Care of Mecklenburg	0	0	0	102	0	0	102	0	102
Mecklenburg	Avante at Charlotte	100	0	100	0	0	0	100	0	100
Mecklenburg	Brian Center Health & Rehab - Charlotte	120	0	120	0	0	0	120	0	120
Mecklenburg	Brian Center Health & Rehab - Shamrock	100	0	100	0	0	0	100	0	100
Mecklenburg	Britthaven of Charlotte	207	0	207	0	0	0	207	0	207
		0	0		120	0	0	120	0	120
Mecklenburg Mecklenburg	Britthaven of Mecklenburg	166	0	0 166	0	0	0	166	0	166
•	Carrington Place					0			0	
Mecklenburg	Charlotte Health Care Center	120	0	120	60		0	180	_	180
Mecklenburg	Churchill Commons Nursing & Rehab Center	0	0	0	120	0	0	120	0	120
Mecklenburg	Golden Living Center - Charlotte	120	0	120	0	0	0	120	0	120
Mecklenburg	Golden Living Center - Dartmouth	133	0	133	0	0	0	133	0	133
Mecklenburg	Hunter Woods Nursing & Rehab Center	120	0	120	0	0	0	120	0	120
Mecklenburg	Huntersville Oaks	168	0	168	-102	0	0	66	0	66
Mecklenburg	Liberty Nursing & Rehab Center	289	0	289	-289	0	0	0	0	0
Mecklenburg	Mecklenburg Health Care Center	100	0	100	0	0	0	100	0	100
Mecklenburg	Olde Knox Commons/Village of Mecklenburg	114	0	114	0	0	0	114	0	114
Mecklenburg	Peak Resources - Charlotte/Park View Village	142	0	142	-142	0	0	0	0	0
	Peak Resources - Charlotte/Park View Village-									
Mecklenburg	Replacement	0	0	0	142	0	0	142	0	142
Mecklenburg	Pineville Rehabilitation and Living Center	106	0	106	0	0	0	106	0	106
Mecklenburg	Presbyterian Orthopaedic Hospital	0	16	16	0	0	0	16	0	16
Mecklenburg	Royal Park Rehab & Nursing Center	0	0	0	169	0	0	169	0	169
Mecklenburg	Sardis Oaks	124	0	124	0	0	0	124	0	124
Mecklenburg	Saturn Nursing & Rehab Center	120	0	120	0	0	0	120	0	120
Mecklenburg	Sharon Towers	96	0	96	0	0	0	96	96	0
Mecklenburg	Southminster	60	0	60	0	0	0	60	30	30
Mecklenburg	The Carriage Club of Charlotte	42	0	42	0	0	0	42	21	21
Mecklenburg	The Pines at Davidson	51	0	51	0	0	0	51	26	25
Mecklenburg	The Stewart Health Center/Cypress of Charlotte	56	0	56	0	0	0	56	28	28
Mecklenburg	White Oak Manor/Charlotte	180	0	180	0	0	0	180	0	180
Mecklenburg	WillowBrooke Court/Plantation Estates	80	0	80	0	0	0	80	40	40
Mecklenburg	Wilora Lake Healthcare Center	70	0	70	0	0	0	70	0	70
Mecklenburg Total		3084	16	3100	180	0	0	3280	309	2971
Mitchell	Brian Center Health & Rehab - Spruce Pine	127	0	127	0	0	0	127	0	127
Mitchell Total		127	0	127	0	0	0	127	0	127
Montgomery	Autumn Care of Biscoe	141	0	141	0	0	0	141	0	141
Montgomery Total		141	0	141	0	0	0	141	0	141
Moore	Kingswood Nursing Center	90	0	90	0	0	0	90	0	90
Moore	Manor Care Health Services/Pinehurst	120	0	120	0	0	0	120	0	120
Moore	Methodist Retirement/Quail Haven Village	60	0	60	0	0	0	60	31	29
Moore	Peak Resources - Pinelake	90	0	90	0	0	0	90	0	90
Moore	Penick Village	50	0	50	0	0	0	50	26	24
Moore	Pinehurst Healthcare and Rehab Center	144	0	144	0	0	0	144	0	144
Moore	St. Joseph of The Pines Health Center	176	0	176	0	0	0	176	88	88
Moore Total		730	0	730	0	0	0	730	145	585
Nash	Autumn Care of Nash	60	0	60	0	0	0	60	0	60
Nash	Guardian Care of Rocky Mount	117	0	117	0	0	0	117	0	117
ivasii	Guardian Gare of Rocky Mount					U	0 1	117	0	

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

	T		INVENTORY	,						
			INVENTOR		CON Approved	License Pending			-	
		Licensed			CON Approved	License renaing	-			
		Nursing Beds	Licensed	TOTAL						TOTAL
		in Nursing	Nursing Beds	Licensed			Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Nash	Universal Health Care/Nashville, Inc.	60	0	60	0	0	0	60	0	60
Nash	South Village	100	0	100	0	0	0	100	0	100
Nash Total		478	0	478	0	0	0	478	0	478
New Hanover	Autumn Care of Myrtle Grove	90	0	90	0	0	0	90	0	90
New Hanover	Britthaven of North Chase	130	0	130	10	0	0	140	0	140
New Hanover	New Hanover Health & Rehab Center (Bowden/Britthaven)	80	0	80	-80	0	0	0	0	0
	New Hanover Health & Rehab Center-(Bowden/Britthaven)									
New Hanover	Replacement	0	0	0	80	0	0	80	0	80
New Hanover	Cypress Pointe Rehab & Health Care Center	100	0	100	0	0	0	100	0	100
New Hanover	Davis HC Center/Champions Assisted Living	199	0	199	0	0	0	199	0	199
New Hanover	Liberty Commons Rehabilitation Center	100	0	100	0	0	0	100	0	100
New Hanover	Lutheran Home - Wilmington	0	0	0	100	0	0	100	0	100
New Hanover	Silver Stream Health and Rehab Center	110	0	110	0	0	0	110	0	110
New Hanover	Wilmington Health and Rehab Center	120	0	120	0	0	0	120	0	120
New Hanover Total		929	0	929	110	0	0	1039	0	1039
Northampton	Hampton Woods Health and Rehab Center	80	0	80	0	0	0	80	0	80
Northampton	Rich Square Health Care Center	69	0	69	0	0	0	69	0	69
Northampton Total		149	0	149	0	0	0	149	0	149
Onslow	Britthaven of Jacksonville	239	0	239	0	0	0	239	0	239
Onslow	Britthaven of Onslow	120	0	120	0	0	0	120	0	120
Onslow Total	Britilia von di Gridion	359	0	359	0	0	0	359	0	359
Orange	Britthaven of Chapel Hill	133	0	133	0	0	0	133	0	133
Orange	Brookshire Nursing Center	80	0	80	0	0	0	80	0	80
Orange	Carol Woods	30	0	30	0	0	0	30	15	15
Orange	Chapel Hill Rehabilitation & Healthcare Center	118	0	118	0	0	0	118	0	118
Orange	·	110	0	110	U	0	0	110	0	110
	UniHealth Post Acute Care - Carolina Point									
Orange	(Portions of Facility are in Durham and Orange Counties)	120	0	120	0	0	0	120	0	120
Orange Total		481	0	481	0	0	0	481	15	466
Pamlico	Britthaven of Pamlico	96	0	96	0	0	0	96	0	96
Pamlico Total		96	0	96	0	0	0	96	0	96
Pasquotank	Guardian Care of Elizabeth City	120	0	120	0	0	0	120	0	120
Pasquotank	W.R. Winslow Memorial Home	146	0	146	0	0	0	146	89	57
Pasquotank Total		266	0	266	0	0	0	266	89	177
Pender	Huntington Health Care	98	0	98	0	0	0	98	0	98
Pender	Pender Memorial Hospital	0	43	43	0	0	0	43	0	43
Pender	Woodbury Wellness Center	112	0	112	0	0	0	112	0	112
Pender Total		210	43	253	0	0	0	253	0	253
Perquimans	Brian Center Health and Rehab - Hertford	78	0	78	0	0	0	78	0	78
Perquimans Total		78	0	78	0	0	0	78	0	78
Person	Person Memorial Hospital	0	60	60	0	0	0	60	0	60
Person	Roxboro Nursing Center	140	0	140	0	0	0	140	0	140
Person Total		140	60	200	0	0	0	200	0	200
Pitt	Britthaven of Ayden	82	0	82	0	0	0	82	0	82
Pitt	Cypress Glen Retirement Community	30	0	30	0	0	0	30	15	15
Pitt	Golden Living Center - Greenville	152	0	152	0	0	0	152	0	152
Pitt	Greenfield Place	130	0	130	0	0	0	130	0	130
Pitt	Heritage Healthcare of Farmville	56	0	56	0	0	0	56	0	56
Pitt	Universal Healthcare of Greenville	120	0	120	0	0	0	120	0	120
Pitt Total	Oniversal realiticate of Greenville	570	0	570	0	0	0	570	15	555
Polk	Autumn Care of Saluda	99	0	99	0	0	0	99	0	99
Polk	WillowBrooke Court Skilled Care Center	52	0	52	0	0	0	52	26	26
	White Oak Manor/Tryon		0			0	0			
Polk	writte Oak Wanor/Tryon	70	U	70	0	U	U	70	35	35

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
		Licensed	INVENTORI		CON Approved/	License Pending			1	
		Nursing Beds	Licensed	TOTAL	ррини					TOTAL
		in Nursing	Nursing Beds	Licensed			Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Polk Total	racility Name	221	0	221	0	О	0	221	61	160
Randolph	Clapp's Convalescent Nursing Home, Inc.	96	0	96	0	0	0	96	0	96
Randolph	Randolph Health and Rehab Center	238	0	238	0	0	0	238	0	238
Randolph	The GrayBrier Nursing & Retirement Center	128	0	128	0	0	0	128	0	128
Randolph	Universal Healthcare of Ramseur	90	0	90	0	0	0	90	0	90
Randolph	Westwood Health and Rehabilitation	68	0	68	0	0	0	68	0	68
Randolph	Woodland Hill Care & Rehabilitation Center	100	0	100	0	0	0	100	0	100
Randolph Total	Woodiand Filli Gare & Renabilitation Genter	720	0	720	0	0	Ö	720	0	720
Richmond	Britthaven of Hamlet	105	0	105	0	0	0	105	0	105
Richmond	FirstHealth Richmond Memorial Hospital	0	51	51	0	-51	0	0	0	0
rtioninona	FirstHealth Richmond Memorial Hospital/Relocation-		01	- 01	Ū				-	
Richmond	Replacement	0	0	0	0	51	0	51	0	51
Richmond	Rockingham Manor	120	0	120	0	0	0	120	0	120
Richmond Total	Trooking harri warror	225	51	276	0	0	0	276	0	276
Robeson	GlenFlora	52	0	52	0	0	0	52	0	52
Robeson	Golden Living Center - Lumberton	122	0	122	0	0	0	122	0	122
Robeson	Linkhaw Place	90	0	90	0	0	0	90	0	90
Robeson	Pembroke Care & Rehab Center/Sunbridge	84	0	84	0	0	0	84	0	84
Robeson	Wesley Pines Retirement Community	62	0	62	0	0	0	62	42	20
Robeson	Woodhaven Nursing and Altzheimer's Care Center	0	115	115	0	0	0	115	0	115
Robeson Total	Woodilavon Maroning and Americanion of Gard Control	410	115	525	0	0	0	525	42	483
Rockingham	Avante at Reidsville	110	0	110	0	0	0	110	0	110
Rockingham	Brian Center Health & Rehabilitation - Eden	112	0	112	0	0	0	112	0	112
Rockingham	Britthaven of Madison	170	0	170	0	0	0	170	0	170
Rockingham	Morehead Nursing Center	0	121	121	0	0	0	121	0	121
Rockingham	Penn Nursing Center	82	0	82	0	0	0	82	0	82
Rockingham Total	1 Chiri Narshing Ochici	474	121	595	0	0	Ö	595	0	595
Rowan	Autumn Care of Salisbury	97	0	97	0	0	0	97	0	97
Rowan	Big Elm Retirement and Nursing Center	50	0	50	0	0	0	50	0	50
Rowan	Brian Center Health & Rehab/Salisbury	185	0	185	0	0	0	185	0	185
Rowan	Brightmoor Nursing Center, Inc.	58	0	58	0	0	0	58	0	58
Rowan	Liberty Commons Nursing & Rehab Center	90	0	90	0	0	0	90	0	90
Rowan	Lutheran Home at Trinity Oaks	115	0	115	0	0	0	115	68	47
Rowan	Magnolia Estates Skilled Care Facility	70	0	70	0	0	0	70	0	70
Rowan	North Carolina State Veterans Home *	99	0	99	0	0	0	99	99	0
Rowan	Salisbury Center	160	0	160	0	0	0	160	0	160
Rowan	The Laurels of Salisbury	60	0	60	0	0	0	60	0	60
Rowan Total	The Educis of Gallsbury	984	0	984	0	0	0	984	167	817
Rutherford	Autumn Care of Forest City	100	0	100	0	0	0	100	0	100
Rutherford	Fair Haven Home	30	0	30	0	0	0	30	0	30
Rutherford	Oak Grove Healthcare Center	60	0	60	0	0	0	60	0	60
Rutherford	Willow Ridge of NC, LLC.	150	0	150	0	0	0	150	0	150
Rutherford	White Oak Manor/Rutherfordton	80	0	80	0	0	0	80	0	80
Rutherford Total		420	0	420	0	0	0	420	0	420
Sampson	Mary Gran Nursing Center	212	0	212	0	0	0	212	0	212
Sampson	Sampson Regional Medical Center	0	30	30	0	0	0	30	0	30
Sampson	Southwood Nursing & Retirement Center	100	0	100	0	0	0	100	0	100
Sampson Total		312	30	342	0	0	0	342	0	342
Scotland	Century Care of Laurinburg, Inc.	99	0	99	0	0	0	99	0	99
Scotland	Scotia Village	58	0	58	0	0	0	58	39	19
Scotland	Scotland Memorial Hospital/E. Morgan Center	0	50	50	0	0	0	50	0	50
Scotland Total		157	50	207	0	0	0	207	39	168
Stanly	Britthaven of Piedmont	180	0	180	0	0	0	180	0	180
Stanly	Forrest Oakes Healthcare Center	60	0	60	0	0	0	60	0	60
Stanly	Forrest Oakes Healthcare Center	60	U	bU	U	U	U	рО	U	60

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
		Licensed	INVENTORT		CON Approved/	License Pending				
		Nursing Beds	Licensed	TOTAL	CONTRIPE COUR					TOTAL
		in Nursing	Nursing Beds	Licensed			Available in	TOTAL	Sum of	Planning
COUNTY	Facility Name	Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Stanly	Lutheran Home-Albemarle	76	0	76	0	0	0	76	1	75
Stanly	Stanly Manor	90	0	90	0	0	0	90	0	90
Stanly Total	Starily Marior	406	0	406	0	0	0	406	1	405
Stokes	Stokes-Reynolds Memorial Hospital	0	40	40	0	0	0	40	0	40
Stokes	Universal Healthcare - King	96	0	96	0	0	0	96	0	96
Stokes	Village Care of King	96	0	96	0	0	0	96	0	96
Stokes	Walnut Cove Health and Rehab Center	90	0	90	0	0	0	90	0	90
Stokes Total	Trainat Governoatti ana Ronas Gontoi	282	40	322	0	0	0	322	0	322
Surry	Central Continuing Care, Inc.	120	0	120	0	0	0	120	0	120
Surry	Golden Living Center - Surry Community	120	0	120	0	0	0	120	0	120
Surry	Heritage Healthcare of Elkin	100	0	100	0	0	0	100	0	100
Surry	Hugh Chatham Memorial Hospital	0	99	99	0	0	0	99	0	99
Surry	Northern Hospital of Surry County	0	33	33	0	0	0	33	0	33
Surry Total	Tronuism Troophan or Garry Goarny	340	132	472	0	0	0	472	0	472
Swain	Mountain View Manor Nursing Center	120	0	120	0	0	0	120	0	120
Swain Total	mountain trow maner reading come.	120	0	120	0	0	0	120	0	120
Transylvania	Brian Center Health & Rehabilitation - Brevard	147	0	147	0	0	0	147	0	147
Transylvania	The Oaks of Brevard	110	0	110	0	0	0	110	0	110
Transylvania	Transylvania Regional Hospital	0	10	10	0	0	0	10	0	10
Transylvania Total	· · · · · · · · · · · · · · · · · · ·	257	10	267	0	0	0	267	0	267
Tyrrell	N/A [Beds located in Washington (30) County]	0	0	0	0	0	0	0	-30	30
Tyrrell Total	in [2000 reduced in tracining ten (00) county]	0	0	0	0	0	0	0	-30	30
Union	Autumn Care of Marshville	110	0	110	0	0	0	110	0	110
Union	Brian Center Health & Retirement - Monroe	60	0	60	0	0	0	60	0	60
Union	Jesse Helms Nursing Center	0	70	70	0	0	0	70	0	70
Union	Lake Park Nursing and Rehab Center	120	0	120	0	0	0	120	0	120
Union	Rehabilitation & Nursing Center of Monroe	147	0	147	0	0	0	147	0	147
Union	The Heritage of Union County	0	0	0	90	0	0	90	0	90
Union	White Oak Manor - Waxhaw	100	0	100	0	0	0	100	0	100
Union Total		537	70	607	90	0	0	697	0	697
Vance	Britthaven of Henderson	92	0	92	0	0	0	92	0	92
Vance	Guardian Care of Henderson	80	0	80	0	0	0	80	0	80
Vance	Senior Citizens Home	60	0	60	0	0	0	60	0	60
Vance Total		232	0	232	0	0	0	232	0	232
Wake	2011 SMFP	0	0	0	0	0	240	240	0	240
Wake	Blue Ridge Health Care Center	134	0	134	0	0	0	134	20	114
Wake	Capital Nursing and Rehab Center	125	0	125	0	0	0	125	0	125
Wake	Cary Health & Rehabilitation Center	120	0	120	0	0	0	120	0	120
Wake	City of Oaks Health & Rehab Center	180	0	180	0	0	0	180	0	180
	Dan E. & Mary Louise Stewart Health Care Center of									
Wake	Springmoor Life & Retirement Community	173	0	173	0	0	0	173	87	86
Wake	Glenaire	71	0	71	0	0	0	71	36	35
Wake	Guardian Care of Zebulon	60	0	60	0	0	0	60	0	60
Wake	Hillside Nursing Center of Wake Forest	130	0	130	0	0	0	130	0	130
Wake	Litchford Falls Healthcare & Rehab Center	90	0	90	0	0	0	90	0	90
Wake	Mayview Convalescent Center/The Oakes at Mayview	139	0	139	0	0	0	139	70	69
Wake	Raleigh Rehabilitation & Healthcare Center	157	0	157	0	0	0	157	0	157
Wake	Rex Rehab and Nursing Care Center	0	120	120	0	0	0	120	0	120
Wake	Rex Rehab and Nursing Care Center of Apex	107	0	107	0	0	0	107	0	107
Wake	Searstone/Samaritan	0	0	0	16	0	0	16	8	8
Wake	Sunnybrook Healthcare/Rehab Specialists	95	0	95	0	0	0	95	0	95
Wake	The Cardinal at North Hills Healthcare	0	0	0	15	0	0	15	8	7
Wake	The Cypress of Raleigh	36	0	36	0	0	0	36	18	18

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10A: Inventory of Nursing Home and Hospital Nursing Care Beds

			INVENTORY	,						
		Licensed Nursing Beds in Nursing	Licensed Nursing Beds		CON Approved/L		Available in	TOTAL	Sum of	TOTAL Planning
COUNTY	Facility Name	Homes	in Hospitals	Beds	Nursing Home	Hospital	SMFP	Available	Exclusions	Inventory
Wake	UniHealth Post-Acute Care - Raleigh	150	0	150	0	0	0	150	0	150
Wake	Universal Health Care - North Raleigh	112	0	112	0	0	0	112	0	112
Wake	Universal Health Care - Fuquay Varina	49	0	49	0	0	0	49	0	49
Wake	WakeMed - Zebulon/Wendell	0	19	19	0	0	0	19	0	19
Wake	WakeMed - Fuquay-Varina	0	36	36	0	0	0	36	0	36
Wake	Wellington Healthcare and Rehabilitation	80	0	80	0	0	0	80	0	80
Wake	Windsor Point Continuing Care Retirement Community	45	0	45	0	0	0	45	23	22
Wake Total		2173	175	2348	31	0	240	2619	270	2349
Warren	Warren Hills Personal Care & Nursing Facility	140	0	140	0	0	0	140	0	140
Warren Total		140	0	140	0	0	0	140	0	140
Washington	Plumblee Nursing Center	114	0	114	0	0	0	114	30	84
Washington Total		114	0	114	0	0	0	114	30	84
Watauga	2011 SMFP	0	0	0	0	0	30	30	0	30
Watauga	Blowing Rock Hospital	0	72	72	0	0	0	72	0	72
Watauga	Glenbridge Health & Rehabilitation	124	0	124	0	0	0	124	0	124
Watauga Total		124	72	196	0	0	30	226	0	226
Wayne	Brian Center Health & Rehab - Goldsboro	130	0	130	0	0	0	130	0	130
Wayne	Britthaven of Goldsboro	200	0	200	0	0	0	200	0	200
Wayne	Mount Olive Care & Rehabilitation Center	150	0	150	0	0	0	150	0	150
Wayne	O'Berry Center*	0	48	48	0	0	0	48	48	0
Wayne Total		480	48	528	0	0	0	528	48	480
Wilkes	Avante at Wilkesboro	120	0	120	0	0	0	120	0	120
Wilkes	Britthaven of Wilkesboro, Inc.	176	0	176	0	0	0	176	0	176
Wilkes	Wilkes Regional Medical Center	0	10	10	0	0	0	10	0	10
Wilkes	Wilkes Senior Village	111	0	111	0	0	0	111	0	111
Wilkes Total		407	10	417	0	0	0	417	0	417
Wilson	Avante at Wilson	110	0	110	0	0	0	110	0	110
Wilson	Brian Center Health & Retirement - Wilson	99	0	99	0	0	0	99	0	99
Wilson	Britthaven of Wilson	95	0	95	0	0	0	95	0	95
Wilson	Longleaf Neuro-Medical Treatment Center *	248	0	248	0	0	0	248	248	0
Wilson	Wilmed Nursing Care Center	90	0	90	0	0	0	90	0	90
Wilson Total		642	0	642	0	0	0	642	248	394
Yadkin	Willowbrook Rehabilitation and Care Center	76	0	76	0	0	0	76	0	76
Yadkin	Yadkin Nursing Care Center	147	0	147	0	0	0	147	0	147
Yadkin Total		223	0	223	0	0	0	223	0	223
Yancey	Brookside Rehabilitation and Care	140	0	140	0	0	0	140	0	140
Yancey Total		140	0	140	0	0	0	140	0	140
Grand Total		43144	1999	45143	653	0	330	46126	3046	43080

^{*} State Veteran's Nursing Homes/Psych Hospitals/transfers, NPRFT-Frat/Religious Out of Area Admits, NF Head Injury/Vent Beds not counted in Planning Inventory. CCRC's 50% Reduction.

Table 10B: Nursing Care Bed Need Projections for 2014 (2011 Plan)

	Pro	jected 2014	4 Population)	Proje	cted 201	4 Bed Utiliz	ation	Projected Bed	Licensed Plus	Exclu-	Planning	Surplus/	Deficit	Occupancy	New Beds
County	Under Age 65*	Age 65-74	Age 75-84	Age 85 up	<65	65-74	75-84	85+	Utilization Sum	Prev. Allocations	sions	Inventory	"-" = Deficit	Index	Rate 90	Needed
Alamance	136,077	12,432	6,777	3,156	79	96	182	285	641	888	132	756	115			0
Alexander	32,576	3,770	1,844	625	19	29	49	56	154	183	49	134	-20	13%	<90%	0
Alleghany	8,832	1,512	928	347	5	12	25	31	73	90	0	90	17			0
Anson	20,998	2,360	1,097	493	12	18	29	44	104	161	0	161	57			0
Ashe	21,390	3,359	1,949	840	12	26	52	76	166	210	0	210	44			0
Avery	14,610	1,957	1,188	536	8	15	32	48	104	128	0	128	24			0
Beaufort	38,638	5,758	2,972	1,072	22	44	80	97	243	300	10	290	47			0
Bertie	16,557	1,810	1,074	490	10	14	29	44	97	142	0	142	45			0
Bladen	26,498	2,859	1,527	601	15	22	41	54	133	194	0		61			0
Brunswick	91,285	19,589	9,615	2,440	53	151	258	220	682	644	0	644	-38	6%		0
Buncombe	201,517	23,426	12,635	6,007	117	180	339	542	1,178	,	276	1,477	299			0
Burke	75,810	8,883	4,859	1,913	44	68	130	172	415		13		128			0
Cabarrus	176,614	13,342	6,505	2,540	102	103	174	229	609		24	667	58			0
Caldwell	68,403	,	4,142	,	40	62	111	142	355		0	.00	45			0
Camden**	7,908	920	510	213	5	7	14	19	45	**40	-40	40	-5	10%	NA	10
Carteret*	50,794	9,437	5,157	1,958	29	73	138	177	417	424	0	424	7			0
Caswell	18,981	2,421	1,206	517	11	19	32	47	109	157	0	157	48			0
Catawba	142,642	14,242	7,060	2,774	83	110	189	250	632	759	110	649	17			0
Chatham	56,137	6,435	3,725	1,980	33	50	100	179	361	420	65	355	-6	2%		0
Cherokee	21,069	4,299	2,479	945	12	33	66	85	197	210	0	210	13			0
Chowan	12,236	1,485	908	444	7	11	24	40	83	170	0	170	87			0
Clay	7,961	1,842	1145	532	5	14	31	48	97	90	0	90	-7	8%		0
Cleveland	85,156	9,248	4,625	1,844	49	71	124	166	411	554	10		133			0
Columbus	48,802	5,135	2,677	947	28	40	72	85	225	323	0		98			0
Craven*	81,568	8,471	5,102	1,978	47	65	137	178	428	461	0	461	33			0
Cumberland*	268,763	20,003	10,358	3,471	156	154	278	313	901	1,179	150		128			0
Currituck	18,132	,	1,164	428	11	18	31	39	98		15		-13	14%	<90%	0
Dare	26,357	3,817	2,487	854	15	29	67	77	188		0		-62	33%	<90%	0
Davidson	142,895	15,251	7,698	2,957	83	117	206	267	673	794	60		61			0
Davie	37,626	4,248	2,256	968	22	33	61	87	202	216	0		14			0
Duplin	48,396	4,116	2,418	903	28	32	65	81	206	272	20		46			0
Durham	262,662	18,053	8,455	4,549	152	139	227	410	928	1,328	117	1,211	283			0
Edgecombe	43,728	4,552	2,221	678	25	35	60	61	181	307	0	001	126			0
Forsyth	331,180	29,745	15,881	7,790	192	229	426	702	1,549	1,648	204	1,444	-105	7%		0
Franklin	56,672	4,954	2,222	843	33	38	60	76	207	258	0	258	51			0

"Combined" Ratios for Beds per 1000 Population; Projected-forward 30 Months: 0.58 Beds/1000 Under Age 65 7.70 Beds/1000 Age 65-74 26.82 Beds/1000 Age 75-84 90.16 Beds/1000 Age 85 up The Camden County nursing beds are located in Currituck County (15 beds) and Pasquotank County (25 beds).

NA Not Applicable. No licensed beds in County.

Table 10B: Nursing Care Bed Need Projections for 2014 (2011 Plan)

	Pro	jected 2014	4 Population	ì	Proje	cted 201	4 Bed Utiliz	ation	Projected Bed	Licensed Plus	Exclu-	Planning	Surplus/	Deficit	Occupancy	New Beds
County	Under Age 65*	Age 65-74	Age 75-84	Age 85 up	<65	65-74	75-84	85+	Utilization Sum	Prev. Allocations	sions	Inventory	"-" = Deficit	Index	Rate 90	Needed
Gaston	186,420	18,768	9,306	3,593	108	145	250	324	826	972	72	900	74			0
Gates	10,164	1,195	625	274	6	9	17	25	57	70	0	70	13			0
Graham	6,806	952	593	232	4	7	16	21	48	80	0	80	32			0
Granville	52,223	4,658	2,360	908	30	36	63	82	211	240	0	240	29			0
Greene	19,202	1,779	953	388	11	14	26	35	85	115	0	115	30			0
Guilford	444,205	39,682	19,920	9,467	258	306	534	854	1,951	2,536	243	2,293	342			0
Halifax	45,506	4,972	2,661	1,236	26	38	71	111	247	345	0	345	98			0
Harnett*	112,927	8,383	4,162	1,587	65	65	112	143	385	425	0	425	40			0
Haywood	46,157	7,335	4,554	1,918	27	56	122	173	378	475	0	475	97			0
Henderson	87,318	13,663	9,191	4,228	51	105	247	381	784	912	29	883	99			0
Hertford	19,858	2,307	1,287	479	12	18	35	43	107	151	0	151	44			0
Hoke*	46,471	2,526	1,250	408	27	19	34	37	117	170	38	132	15			0
Hyde	4,266	513	338	143	2	4	9	13	28	80	0	80	52			0
Iredell	147,256	13,537	6,600	2,525	85	104	177	228	594	653	0	653	59			0
Jackson	32,851	4,407	2,300	841	19	34	62	76			0	200	10			0
Johnston	174,460	12,997	5,680	2,002	101	100	152	181	534		0	615	81			0
Jones	8,266	1016	578	298	5	8	16	27	55	80	0	80	25			0
Lee	54,253	4,875	2,505		31	38	67	100			0	294	58			0
Lenoir	47,148	5,265	2,745	945	27	41	74	85		307	0	307	80			0
Lincoln	70,443	7,149	3,287	1,060	41	55	88	96			0	300	20			0
Macon	27,555	5,059	3,375	1,400	16	39	91	126		284	0	284	12			0
Madison	17,315	,	1,296		10	18	35	47	110		0	180	70			0
Martin	19,556	2,391	1,261	373	11	18	34	34		154	0	154	57			0
McDowell	38,182	4,473	2,534	952	22	34	68	86			0	250	40			0
Mecklenburg	871,331	60,413	25,824	12,099	505	465	693	1091	2,754	3,280	309	2,971	217			0
Mitchell	12,738	,	1,144	477	7	15	31	43			0	127	31			0
Montgomery	23,997	2,624	, -		14	20	38	60		141	0	141	9			0
Moore*	70,556	, -	7,677	3,930	41	86	206	354	688		145	585	-103	15%	<90%	0
Nash	87,495	8,753	4,179	1,750	51	67	112	158			0	478	90			0
New Hanover	171,404	-,			99	146	271	375	890	1,039	0	1,039	149			0
Northampton	16,917	2,008	1,227	658	10	15	33	59		149	0	149	31			0
Onslow*	146,973	9,017	4,968	1,467	85	69	133	132	420	359	0	359	-61	15%	<90%	0
Orange	123,949	9,892	4,246		72	76	114	180	442	481	15	466	24			0
Pamlico	9,704	1,619	1,086	473	6	12	29	43	90		0	96	6			0
Pasquotank	34,739	3,707	2,208	1,190	20	29	59	107	215	266	89	177	-38	18%	>90%	40

"Combined" Ratios for Beds per 1000 Population; Projected-forward 30 Months: 0.58 Beds/1000 Under Age 65 7.70 Beds/1000 Age 65-74 26.82 Beds/1000 Age 75-84 90.16 Beds/1000 Age 85 up

Table 10B: Nursing Care Bed Need Projections for 2014 (2011 Plan)

	Proj	ected 2014	Population		Proje	cted 201	4 Bed Utiliz	ation	Projected Bed	Licensed Plus	Exclu-	Planning	Surplus/	Deficit	Occupancy	New Beds
County	Under Age 65*	Age 65-74	Age 75-84	Age 85 up	<65	65-74	75-84	85+	Utilization Sum	Prev. Allocations	sions	Inventory	"-" = Deficit	Index	Rate 90	Needed
Pender	49,669	6,453	3,282	1,178	29	50	88	106	273	253	0	253	-20	7%		0
Perquimans	10,311	1,825	1,037	429	6	14	28	39	87	78	0	78	-9	10%	>90%	10
Person	33,491	3,576	1,926	752	19	28	52	68	166	200	0	200	34			0
Pitt	156,551	10,855	5,331	2,425	91	84	143	219	536	570	15	555	19			0
Polk	15,226	2,461	1,604	918	9	19	43	83	154	221	61	160	6			0
Randolph	128,548	13,319	6,387	2,360	75	103	171	213	561	720	0	720	159			0
Richmond	40,238	3,996	2,032	785	23	31	54	71	179	276	0	276				0
Robeson	120,694	9,481	4,356	1,670	70	73	117	151	410	525	42	483	73			0
Rockingham	76,778	9,001	4,775	2,023	45	69	128	182	424	595	0					0
Rowan	124,954	12,339	6,513	3,066	72	95	175	276	619	984	167	817	198			0
Rutherford	54,010	6,359	3,472	1,456	31	49	93	131	305	420	0	420	115			0
Sampson	58,498	5,367	2,991	1,198	34	41	80	108	263	342	0					0
Scotland	31,726	3,291	1,434	485	18	25	38	44	126	207	39	168				0
Stanly	51,679	5,739	3,075	1,332	30	44	82	120	277	406	1	405				0
Stokes	39,933	4,665	2,202	769	23	36	59	69	187	322	0	322	135			0
Surry	63,178	7,228	4,113	1,781	37	56	110	161	363	472	0	472	109			0
Swain	12,294	1,569	812	277	7	12	22	25	66	120	0		54			0
Transylvania	23,549	4,491	2,993	1,391	14	35	80	125	254	267	0	267	13			0
Tyrrell **	3,483	368	263	134	2	3	7	12	24	**30	-30	30	6		NA	0
Union	198,515	13,708	6,410	2,151	115	106	172	194	587	697	0		110			0
Vance	37,790	3,330	1,749	729	22	26	47	66	160	232	0	232	72			0
Wake*	938,295	56,877	24,353	10,897	544	438	653	982	2,618	2,619	270	2,349	-269	10%	<90%	0
Warren	15,630	1,958	1,340	694	9	15	36	63	123	140	0	140	17			0
Washington	10,298	1,418	765	287	6	11	21	26	63	114	30	84				0
Watauga	39,954	4,202	2,154	907	23	32	58	82	195	226	0					0
Wayne*	98,989	9,151	5,169	1,791	57	70	139	161	428	528	48		52			0
Wilkes	55,863	6,999	3,846	1,435	32	54	103	129	319	417	0		98			0
Wilson	71,170	6,990	3,727	1,625	41	54	100	147	342	642	248	394	52			0
Yadkin	32,108	3,705	2,028	759	19	29	54	68	170	223	0	223	53			0
Yancey	14,721	2,278	1,396	631	9	18	37	57	120	140	0	140	20			0
NC Totals *	8,596,224	803,545	411,817	172,287	4,986	6,187	11,045	15,533	37,751	46,126	3,046	43,080				60

"Combined" Ratios for Beds per 1000 Population; Projected-forward 30 Months: 0.58 Beds/1000 Under Age 65 7.70 Beds/1000 Age 65-74 26.82 Beds/1000 Age 75-84 90.16 Beds/1000 Age 85 up The Tyrrell County nursing beds are located in Washington County (30).

NA Not Applicable. No licensed beds in County.

Table 10C: Nursing Care Bed Need Determinations

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the counties listed in the table below need additional nursing care beds as specified.

County	HSA	Nursing Care Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Camden	VI	10	February 15, 2011	March 1, 2011
Pasquotank	VI	40	November 15, 2011	December 1, 2011
Perquimans	VI	10	February 15, 2011	March 1, 2011
Wake	IV	240***	August 15, 2011	September 1, 2011
Watauga	I	30	May 16, 2011	June 1, 2011

It is determined that there is no need for additional nursing care beds anywhere else in the state and no other reviews are scheduled.

- * Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).
- ** Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).
- *** Adjusted Need Determination.

Chapter 11: Adult Care Homes

CHAPTER 11 ADULT CARE HOMES

Summary of Bed Supply and Utilization

An Adult Care Home is defined as a facility with seven or more beds licensed under G.S. 131D-2 or Chapter 131E of the General Statutes. These statutory citations refer to licensure of adult care homes, nursing homes and hospitals.

Prior to enactment of legislation (Senate Bill 937) in 2001 to regulate the development of Adult Care Homes under the Certificate of Need law, legislation ratified in 1997 (S. L. 1997-443) placed a statewide moratorium on the development of new adult care home beds. However, the 1997 legislation allowed for the development of additional adult care home beds under defined circumstances. Such beds were referred to as "exempt" or "pipeline" beds. More than 10,000 beds were identified as "exempt" or "pipeline" beds in the North Carolina 2002 State Medical Facilities Plan. Senate Bill 937, however, provides dates by which defined conditions must be met in order for these unlicensed exempt or pipeline beds to continue to be authorized for development. In addition, some other beds remain eligible to be developed pursuant to settlements of contested cases. These "settlement" beds are also subject to conditions set out in the terms of the controlling settlement agreements. The planning inventory of adult care home beds included in the North Carolina 2011 State Medical Facilities Plan is subject to change based on whether or not conditions have been met to allow for development of the "exempt", "pipeline" or settlement beds that have been included in this inventory. Changes in the inventory of "exempt" or "pipeline" beds following publication of the North Carolina 2011 State Medical Facilities Plan will be addressed in the 2012 or subsequent Plans. Changes in inventory may also be made as a result of litigation.

In the fall of 2010, the adult care home inventory included 41,787 licensed beds in adult care homes, nursing homes and hospitals. An additional 1,090 beds had not, as yet, been licensed. These 1,090 "License Pending" beds had either been exempted from the moratorium on the development of additional adult care home beds, or had been determined to be in the pipeline for development prior to the moratorium, or had been set out in the terms of settlement agreements, or had received approval from the Certificate of Need (CON) Section but were not yet licensed. In addition, previous need determinations for which certificates of need have not been issued were anticipated to add 380 more adult care home beds. The "total inventory" of adult care home beds (*licensed + license pending + previously allocated*) was 43,257. Exclusions for one-half of the adult care home beds in continuing care retirement communities (*Policy LTC beds*) accounted for 1,078 excluded beds resulting in an adjusted "planning inventory" of 42,179 adult care home beds.

Changes from the Previous Plan

There have been no substantial changes in application of the need methodology from that used in the North Carolina <u>2010 State Medical Facilities Plan</u>. References to dates have been advanced one year, as appropriate.

Basic Assumptions of the Method

- 1. The principal determinant of adult care home use in an area is the age of the population; the higher the age, the higher the use.
- 2. Need should be projected three years beyond the Plan Year because at least that amount of time is required to bring a needed facility or expansion into service.
- 3. One-half of the beds developed as part of a continuing care retirement community are excluded from the inventory.
- 4. A goal of the planning process is a reasonable level of parity among citizens in their geographic access to adult care home facilities.
- 5. The following bed-to-population ratios were based on the five-year average combined patient utilization data as reported on 2006 through 2010 Nursing Home License Renewal Applications, Nursing Care Supplements to the 2006 through 2010 Hospital License Renewal Applications, and 2006 through 2010 Adult Care Home Annual Renewal License Applications.

Age Group	Beds Per 1000 Population
Under 35	0.12
35-64	1.67
65-74	6.65
75-84	22.60
85 and Over	77.08

Sources of Data

Population Data:

Projected numbers of residents, by county and age group, for 2014 were obtained from the North Carolina Office of State Budget and Management.

Estimated active duty military population numbers were excluded from the "under 35 age group" for any county with more than 500 active duty military personnel. These estimates were obtained from the "Selected Economic Characteristics" portion of the 2000 Census, under the category of "Employment Status – Armed Forces."

Utilization Data:

Data on utilization by age groups were compiled from the 2006 through 2010 "Renewal Applications for License to Operate a Nursing Home" combined with data from the 2006 through 2010 "Nursing Care Facility/Unit Beds Annual Data Supplement to Hospital License Applications," combined with data from the 2006 through 2010 "Adult Care Home Annual Renewal License Applications," as submitted to the North Carolina Department of Health and Human Services, Division of Health Service Regulation.

Application of the Method

The steps in applying the projection method are as follows:

- Step 1: Multiply the adopted age-specific use rates (*see under "Assumptions"*) by each county's corresponding projected age-specific civilian population (*in thousands*) for the target year (2014).
- Step 2: For each county, add the products of the age-specific projections of beds in Step 1. The sum is the county's projected bed utilization.
- Step 3: For each county, the "planning inventory" is determined based on licensed beds adjusted for: license pending beds; beds available in prior Plans that have not been CON approved; and, exclusions from the county's inventory, if any.
- Step 4: For each county, the projected bed utilization derived in Step 2 is subtracted from the "planning inventory" derived in Step 3. The result is the county's surplus or deficit.
- Step 5: If any county's deficit is 10 percent to 50 percent of its total projected bed need, and the average occupancy of licensed beds in the county, excluding continuing care retirement communities, is 85 percent or greater based on utilization data reported on 2010 Renewal Applications, the need determination is the amount of the deficit rounded to 10. If any county's deficit is 50 percent or more of its total projected bed need, the need determination is the amount of the deficit rounded to 10. For purposes of rounding need determinations, numbers greater than 10 and ending in one to four would round to the next lower number divisible by 10, and numbers ending in five to nine would round to the next higher number divisible by 10.

(An adult care home bed's service area is the adult care home bed planning area in which the bed is located. Each of the 100 counties in the state is a separate adult care home planning area.)

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

		INVENTORY										
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		se Pend	ing	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON A	CH kempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
Totals												
Alamance	A Vision Come True	0	0	12	12	0	0	0	0	12	0	12
Alamance	Alamance Manor Assisted Living	0				125	0	0	-		0	125
	Blakey Hall Assisted Living	0		_	72	0	0	0			0	72
	Burlington Care Center	0	-	12	12	0	0	0	0		0	12
	Burlington Manor	0		84	84	0	0	0	-		0	84
	Clare Bridge at Burlington Manor dba Discovery	0	-	52	52	0	0	0	0		0	52
	Dogwood Forest Adult Care Home/Megrea Bldg	0			12	-12	0	0	-		0	0
	Dogwood Forest Replacement Facility	0		0	0	94	0	0	0	-	0	94
	Dogwood Forest/Nicole Building	0		_	42	-42	0	0	-		0	0
	Dogwood Forest-Alexandria/Adelaide	0			40	-40	0	0	0	-	0	0
	Edgewood Place at the Village at Brookwood	24				0	0	0	-	-	12	12
	Elon Village Home	0		-	12	0	0	0	0		.2	12
	Golden Years Assisted Living	0			12	0	0	0	-		0	12
	Golden Years Assisted Living II	0			12	0	0	0	0		0	12
	Homeplace of Burlington	0			67	0	0	0	0		0	67
	Liberty Commons	48			48	0	0	0	0		0	48
	Pleasant Grove Retirement Home	0		-	12	0	0	0	0		0	12
	Southern Seasons Retirement Home	0			12	0	0	0	0		0	12
	Springview - Brock Building	0	0		12	0	0	0	0	12	0	12
	Springview - Crouse Building	0	0		12	0	0	0	0	12	0	12
	Springview - Ross Building	0	0		12	0	0	0	0	12	0	12
	Springview - Stewart Building	0	0	12	12	0	0	0	0	12	0	12
	The Oaks of Alamance	0	0	69	69	0	0	0	0	69	0	69
	Twin Lakes Memory Care Center	16	0	0	16	0	0	0	0	16	8	8
Totals		88	0	570	658	125	0	0	0	783	20	763
Alexander	A New Outlook of Taylorsville	0	0	34	34	0	0	0	0	34	0	34
	Alexander Assisted Living	0	0	32	32	0	0	0	0	32	0	32
	Taylorsville House	0	0	60	60	10	0	0	0	70	0	70
Totals		0	0	126	126	10	0	0	0	136	0	136
Alleghany	2009 SMFP	0	0	0	0	0	0	0	40	40	0	40
	Alleghany Care & Rehab. Center	22		0		0	0	0	0	22	0	22
Totals		22		-		0	0	0	40	-	0	62
Anson	Heritage Hills Living Center	53			53	0	0	_			0	53
	Meadowview Terrace of Wadesboro	0			60	0	0	0	-		0	60
Totals		53				0	0		0		0	113
Ashe	Ashe Assisted Living	0			55	0	0	0	0		0	55
	Jefferson Care Center	0			21	0	0	-			0	21
	The Villages of Ashe Traditional Living, Inc.	0			60	0	0	0	-		0	60
Totals		0			136	0	0	_	0		0	136
Avery	Cranberry House	0	-		60	0	0	0	-		0	60
	The Heritage of Sugar Mountain	0	-		40	0	0		-		0	40
Totals	To a second	0			100	0	0	-	0		0	100
Beaufort	A. G. Dunston Manor	0	0	0	0	50	0	0	0	50	0	50

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

					INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total	1	License Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	Autumnfield of Belhaven	0	0	64	64	0	0	0	0	64	0	64
	Britthaven of Washington	10	0	0	10	0	0	0	0	10	0	10
	Clara Manor	0	0	20	20	0	0	0	0	20	0	20
	Pantego Rest Home	0	0	30	30	0	0	0	0	30	0	30
	Washington Manor	0	0	9	9	0	0	0	0	9	0	9
	Willow Manor	0	0	34	34	0	0	0	0	34	0	34
Totals		10	O	157	167	50	0	0	C	217	0	217
Bertie	Southern Touch Assisted Living	0	0	25	25	0	0	0	0	25	0	25
	Three Rivers Health and Rehab.	20	0	0	20	0	0	0	0	20	0	20
	Windsor House	0	0	60	60	0	0	0	0	60	0	60
Totals		20	0			0	0	0	0	105	0	105
Bladen	Cape Fear Manor	0	0			0	0	0	0		0	60
	Glencare of Bladenboro	0	0			0	0	0	0		0	60
	Poplar Heights Care and Rehab. Center	30	0			0	0	0	0		0	30
Totals		30	0	_		0		0	0		0	150
Brunswick	Autumn Care of Shallotte	10	0			0	0	0	0		0	10
	Brunswick Cove Nursing Center	40	0	0		0	0	0	0		0	40
	Carillon Assisted Living of Southport	0	0	_		0		-	0		0	96
	J. Arthur Dosher Hospital	0	14			0	-		0		0	14
	Leland House/Corinthian LLC	0	0			0			0		0	80
	Ocean Trail Convalescent Center, Inc.	17	0			0	·		0		0	17
	Shallotte Assisted Living	0	0			0			0		0	80
Totals	Orlanotte Assisted Living	67	14			0	Ū	-			0	337
Buncombe	Arbor Terrace of Asheville	0	0			0			0		0	70
Daricombe	Asheville Manor	0	0			0		-	0		0	79
	Aston Park Health Care Center, Inc.	23	0			0			0		0	23
	Becky's Rest Home #1	0	0			0		-	_		0	15
	Becky's Rest Home #2	0	0			0			0		0	15
	Brian Center Health & Rehab/Weaverville	16	0			0					0	16
		0	0			0			0		0	29
	Candler Living Center, LLC	0	0			0					0	99
	Canterbury Hills Adult Care Home Chunn's Cove of Asheville, LLC d/b/a Chunn's	0	0			0			0		0	68
		0	0			0	·	-			0	38
	Clare Bridge of Asheville	0	0						0		0	24
	Crescent View	0				0	·	-				
	Davis & Davis Associates - (DBA) Chase Samar		0			0			_		0	54
	Deerfield Episcopal Retirement Community	62	0			0	·		0		31	31
	Emerald Ridge Rehab. & Care Center	20	0			0			_		0	20
	Flesher's Fairview Health Care Center	14	0			0	-		0		0	14
	Flesher's Fairview Rest Home, Inc.	0	0			0	_				0	64
	Givens Health Center	26	0			0			0		13	13
	Heather Glen at Ardenwoods	0	0			0					30	30
	Highland Farms, Inc.	30	0			0	-	-	0		15	15
	Hominy Valley Retirement Center	0	0			0			0		0	30
	Marjorie McCune Memorial Center	0	0			0		_	-		0	64
	Richard A. Wood, Jr. Assisted Living Center	0	0	56	56	0	0	0	0	56	0	56

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

				-	INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		License Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds		ACH (Exempt)	ACH	SMFP	Available	Exclusions	Planning Inventory
	Richmond Hill Rest Home #1	0	0	12	12	0	0	0	0	12	0	12
	Richmond Hill Rest Home #2	0	0	12	12	0	0	0	0	12	0	12
	Richmond Hill Rest Home #3	0	0	12	12	0	0	0	0	12	0	12
	Richmond Hill Rest Home #4	0	0	12	12	0	0	0	0	12	0	12
	Richmond Hill Rest Home #5	0	0	12	12	0	0	0	0	12	0	12
	Shadybrook Assisted Living	0	0	49	49	0	0	0	0	49	0	49
	The Laurels of Summit Ridge	63	0	0	63	0	0	0	0	63	0	63
	The Oaks at Sweeten Creek Healthcare	20	0	0	20	0	0	0	0	20	0	20
	Western NC Baptist Home	50	0	0	50	0	0	0	0	50	0	50
	Windwood Assisted Living	0	0	12	12	0	0	0	0	12	0	12
Totals	-	324	C	886	1210	0	0	0	O	1210	89	1121
Burke	Autumn Care of Drexel	20	0	0	20	0	0	0	0	20	0	20
	Burke Long Term Care	0	0	24	24	0	0	0	0	24	0	24
	Cambridge House	0	0	60	60	0	0	0	0	60	0	60
	Grace Ridge	47	0	0	47	0	0	0	0	47	24	23
	High Country Home Care, Inc. dba Jonas Ridge	0	0	57	57	0	0	0	0	57	0	57
	Longview Assisted Living	0	0			0	0	0	0		0	63
	McAlpine Adult Care	0	0			0	0	0	0		0	60
	Morganton Long Term Care Facility	0	0			0	0	0	0		0	20
	Morganton Long Term Care, Southview Facility	0	0		64	0	0	0	0		0	64
Totals	3	67	C		415	0	0	0	0	415	24	391
Cabarrus	Carebridge Assisted Living Community	0	0			0	0		0		0	74
	Caremoor Retirement Center, Inc.	0	0	30	30	0	0	0	0	30	0	30
	Carillon Assisted Living of Harrisburg	0	0	96	96	0	0	0	0	96	0	96
	Concord House	0	0			0	0	0	0	48	0	48
	Concord Place	0	0			0	0	0	0	112	0	112
	First Assembly Living Center	0	0			0	0	0			0	180
	Five Oaks Manor	24	0			0	0	0	0	24	0	24
	Gardens of Taylor Glen	24	0	0		0	0	0	0		12	12
	Horizon Bay AL at Concord	0	0	60		0	0	0	0		0	60
	Kannapolis Village	0	0			0	0	0			0	60
	Morningside of Concord	0	0			0					0	105
	Senior Housing Resources	0	0			81	0				0	81
	St. Andrews Center	0	0			-25			0		0	0
	St. Andrews Living Center	0	0					0	0		0	0
	The Country Home	0	0			0			0		0	40
	Transitional Health Services of Kannapolis	10	0			0		-	0		0	10
Totals	Transmitrial Floating Control of Transmitpone	58	0			0			0		12	932
Caldwell	Camelot Manor DBA Brockford Inn, Inc.	0	0			0	•	ū	0		0	62
	Carolina Oaks Enhanced Care Center	0	0			0	·	Ü	0		0	60
	Gateway Rehabilitation & Healthcare	18	0			0	·	ů	0		0	18
	Grandview Villa Assisted Living	0	0		_	0		-	0		0	40
	Lenoir Park	0	0			0	-		0		0	82
	The Shaire Center	0	0			0					0	82
Totals	The Graine Gericei	18				0	-		0		0	344

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

				ny or munt	INVENTOR							
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		License Pend	ing	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds		ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
Camden	Needham Adult Care Home	0	0	24	24	0	0	0	0	24	0	24
Totals		0	0	24	24	0	0	0	0	24	0	24
Carteret	Carolina House of Morehead City	0	0	72	72	0	0	0	0	72	0	72
	Carteret Manor Assisted Living	0	0	0	0	110	0	0	0	110	0	110
l	Snug Harbor on Nelson Bay	50	0	0	50	0	0	0	0	50	0	50
	Somerset Court of Newport	0	0	64	64	0	0	0	0	64	0	64
	The Heritage of Newport	0	0	62	62	0	0	0	0	62	0	62
Totals		50	0	198	248	110	0	0	0	358	0	358
Caswell	Blackwell's Rest Home	0		40	40	0	0	0		40	0	40
	Caswell House	0		100	100	0	0	0	0	100	0	100
	Dogwood Forest #2	0	0	12	12	0	0	0	0	12	0	12
	G. Anthony Rucker Rest Home	0	0	12	12	0	0	0	0	12	0	12
	Jefferson Care Home	0	0	12	12	0	0	0	0	12	0	12
	Poole's Rest Home	0		19	19	0	0	0	0	19	0	19
	The Ronald David Home	0	0	12	12	0	0	0		12	0	12
Totals		0	0	207	207	0	0	0	0	207	0	207
Catawba	Abernethy Laurels (United Church)	18		0	18	0	0	0	0	18	9	9
	Austin Adult Care Home	0	0	30	30	0	0	0		30	0	30
	Brian Center Health & Rehab/Hickory East	20	0	0	20	0	0	0			0	20
	Carillon Assisted Living of Newton	0	0	96	96	0	0	0	0	96	0	96
	Catawba Valley Living at Rock Barn	0	0	80	80	0	0	0	0	80	0	80
	Heritage Care of Conover	0	0	60	60	0	0	0	0	60	0	60
	Hickory Manor	0	0	88	88	0	0	0	0	88	0	88
	Hickory Village	0	0	56	56	0	0	0	0	56	0	56
	Lutheran Home/Hickory	90	0	0	90	0	0	0	0	90	0	90
	Piedmont Village at Newton	0	0	40	40	0	0	0	0	40	0	40
	Springs of Catawba	0	0	66	66	0	0	0	0	66	0	66
	Sterling House of Hickory	0	0	60	60	0	0	0	0	60	0	60
	The Alberta House	0	0	20	20	0	0	0	0	20	0	20
Totals		128	0	596	724	0	0	0	0	724	9	715
Chatham	Cambridge Hills of Pittsboro	0	0	90	90	0	0	0			0	90
	Careview Rest Home	0	0	20	20	0	0	0	0	20	0	20
	Carolina Meadows	0	0	95	95	0	0	0	0	95	48	47
	Conventry House of Siler City	0	0	52	52	0	0	0	0	52	0	52
	Gallaway Ridge (The Arbor)	23	0	0	23	28	0	0	0	51	26	25
	Hill Forest Rest Home	0	0	40	40	0	0	0	0	40	0	40
	Pittsboro Christian Village, Inc	0	0	40	40	0	0	0	0	40	20	20
Totals		23	0	337	360	28	0	0	0	388	94	294
Cherokee	Carolina Care Home #1	0	0	12	12	0	0	0	0	12	0	12
	Carolina Care Home #2	0	0	12	12	0	0	0	0	12	0	12
	Murphy House	0	0	0	0	70	0	0	0	70	0	70
Totals		0	0	24	24	70	0	0	0	94	0	94
Chowan	Britthaven of Edenton	30	0	0	30	0	0	0	0	30	0	30
	Edenton House	0	0	60	60	0	0	0	0	60	0	60
	Edenton Prime Time Retirement Village	0	0	60		0	0	0	0	60	0	60

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

					INVENTOR							
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		License Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds		ACH (Exempt)	ACH	SMFP	Available	Exclusions	Planning Inventory
Totals		30	0	120	150	0	0	0	0	150	0	150
Clay	Clay County Care Center	10	0	0	10	0	0	0	0	10	0	10
	Hayesville House	0	0	60	60	0	0	0	0	60	0	60
Totals		10	0	60	70	0	0	0	0	70	0	70
Cleveland	Carillon Assisted Living of Shelby	0	0	96	96	0	0	0	0	96	0	96
	Golden Years Rest Home	0	0	12	12	0	0	0	0	12	0	12
	Kings Mountain Care Center, Inc.	0	0	20	20	0	0	0	0	20	0	20
	Openview Retirement Home	0	0	24	24	0	0	0	0	24	0	24
	Shelby Manor	0	0	74	74	0	0	0	0		0	74
	Somerset Court of Shelby	0	0	72	72	0	0	0	0	72	0	72
	Sterling House of Shelby	0	0	60	60	0	0	0	0	60	0	60
	Summit Place of Kings Mountain	0	0	65	65	0	0	0	0	65	0	65
Totals		0	O	423		0	0	0	0	423	0	423
Columbus	Lake Pointe Assisted Living	0	0	80		0			0	80	0	80
	Liberty Commons of Columbus County	40	0	0	40	10	0	0	0		0	50
	Premier Living and Rehab Center	15	0	0	15	0	0	0	0	15	0	15
	Shoreland Health Care & Retirement Center	10	0	0	10	-10	0	0	0	0	0	0
	Water Brooke Assisted Living	0	0	80	80	0	0	0	0	80	0	80
Totals		65	0	160	225	0	0	0	0	225	0	225
Craven	Bayview Nursing and Rehab Center	20	0	0	20	0	0	0	0	20	0	20
	Britthaven of New Bern	18	0	0	18	0	0	0	0	18	0	18
	Carebridge Assisted Living Community	0	0	108	108	0	0	0	0	108	0	108
	Croatan Village	0	0	72	72	0	0	0	0	72	0	72
	Good Shepherd Home for the Aged	0	0	54	54	0	0	0	0	54	0	54
	Homeplace of New Bern	0	0	60	60	0	0	0	0	60	0	60
	Riverstone	0	0	64	64	0	0	0	0	64	0	64
	Sterling House of New Bern	0	0	60	60	0	0	0	0	60	0	60
	The Courtyards at Berne Village	0	0	55	55	0	0	0	0	55	0	55
	The Courtyards at Berne Village Memory Care	0	0	25	25	0	0	0	0	25	0	25
	Water Oak Manor	0	0	100	100	0	0	0	0	100	0	100
Totals		38	0	598	636	0	0	0	0	636	0	636
Cumberland	Carillon Assisted Living of Fayetteville	0	0	96	96	0	0	0	0	96	0	96
	Carolina Inn at Village Green	0	0	100	100	0	0	0	0	100	0	100
	Cedar Creek Assisted Living, LLC	0	0	163	163	0	0	0	0	163	0	163
	Countryside Villa	0	0	80	80	0	0	0	0	80	0	80
	Fayetteville Manor	0	0	60	60	0	0	0	0	60	0	60
	Haymount Rehab & Nursing Center	22	0	0	22	0	0	0	0	22	0	22
	Heritage Suites	0	0	62	62	0	0	0	0	62	0	62
	Highland House Rehabilitation and Healthcare	53	0	0	53	0	0	0	0	53	0	53
	Hope Mills Retirement Center	0	0	64	64	0	0	0	0	-	0	64
	Hope Rest Home	0	0	20	20	0	0	0	0	20	0	20
	Mann Street Residental Care Facility	0	0	36	36	0	0	0	0	36	0	36
	Nubbing Hill Health Care, Inc dba Eastover Gar	0	0	44	44	0	0	0	0	44	0	44
	Pine Valley Adult Care Home	0	0	40	40	0	0	0	0	40	0	40
	The Arc of Hope Mills	0	0	29	29	0	0	0	0	29	0	29

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

					INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		icense Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	Valley Pines Adult Care	0	0	23	23	0	0	_	0	23	0	23
	Woodlands Nursing & Rehabilitation Center	20	0	0	20	0	0	0	0	20	0	20
Totals		95	0	817	912	0	0	0	C	912	0	912
Currituck	Currituck House	0	0	90	90	0	0	0	0	90	0	90
Totals	1	0	0	90	90	0	0	0	C	90	0	90
Dare	Britthaven of Outer Banks	18	0	0	18	0	0	0	0	18	0	18
	Spring Arbor of the Outer Banks	0	0	102	102	0	0	0	0	102	0	102
Totals		18	0	102	120	0	0	0	C	120	0	120
Davidson	Abbotts Creek Care & Rehab. Center	22	0	0	22	0	0	0	0	22	0	22
	Britthaven of Davidson	14	0	0	14	0	0	0	0	14	0	14
	Brookstone Retirement Center, LLC	0	0	115	115	0	0	0	0	115	0	115
	Carolina House of Lexington	0	0	76	76	0	0	0	0	76	0	76
	Hilltop Living Center	0	0	96	96	-16	0	0	0	80	0	80
	Landmark Estates	0	0	0	0	55	0	0	0	55	0	55
	Lexington Health Care Center	10	0	0	10	0	0	0	0	10	0	10
	Mallard Ridge Assisted Living	0	0	100	100	0	0	0	0	100	0	100
	Mountain Vista Health Park	60	0	0	60	0	0	0	0	60	0	60
	Piedmont Crossing (United Church)	40	0	0	40	0	0	0	0	40	20	20
	Southland Homes, Inc./Landmark Estates	0	0	29	29	-29	0	0	0	0	0	0
	The Oaks of Thomasville	0	0	62	62	0	0	0	0	62	0	62
Totals		146	0	478	624	10	0	0	0	634	20	614
Davie	Autumn Care of Mocksville	12	0	0	12	0	0	0	O	12	0	12
	Bermuda Commons Nursing/Rehab	10	0	0	10	0	0	0	0	10	0	10
	Bermuda Village Retirement Center	21	0	0	21	0	0	0	0	21	0	21
	Davie Place Residential Care	0	0	69	69	0	0	0	0	69	0	69
	Somerset Court of Mocksville	0	0	60	60	0	0	0	0	60	0	60
	The Heritage of Cedar Rock	0	0	40	40	0	0	0	0	40	0	40
Totals	-	43	0	169	212	0	0	0	C	212	0	212
Duplin	Autumn Village, Inc.	0	0	88	88	0	0	0	0	88	0	88
	DaySpring Assisted Living	0	0	80	80	0	0	0	0	80	0	80
	GlenCare	26	0	0	26	0	0	0	0	26	0	26
	Golden Care	0	0	30	30	0	0	0	0	30	0	30
	Rosemary Rest Home	0	0	45	45	0	0	0	0	45	0	45
	Wallace Gardens	0	0	64	64	0	0	0	0	64	0	64
	Windham Hall, Inc.	0	0	80	80	0	0	0	0	80	0	80
Totals		26	0	387	413	0	0	0	C	413	0	413
Durham	Alta Walk Assisted Living	0	0	20	20	0	0	0	0	20	0	20
	Carolina Assisted Living, LLC d/b/a Seasons @	0	0	51	51	0	0	0	0	51	0	51
	Carolina House of Durham	0	0	119	119	0	0	0	0	119	0	119
	Carver Living Center	20	0	0	20	0	0	0	0	20	0	20
	Clare Bridge of Chapel Hill	0	0	38	38	0	0	0	0	38	0	38
	Croasdaile Village	0	0	30	30	0	0	0	0		15	
	Durham Ridge Assisted Living	0	0	142	142	0	0	0	0	142	0	142
	Eden Spring Living Center	0	0		19	0	0	0	0		0	19
	Ellison's Rest Home #1	0	0	29	29	0		0	0		0	

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

					INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		License Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	Eno Pointe Assisted Living	0	0	147	147	0	0	0	0	147	0	147
	Hillcrest Convalescent Center, Inc.	34	0	0	34	0	0	0	0	34	0	34
	KC Care Management, Inc. d/b/a Camellia Gard	0	0	81	81	0	0	0	0	81	0	81
	South Point Manor	0	0	29	29	0	0	0	0	29	0	29
	Spring Arbor of Durham	0	0	60	60	0	0	0	0	60	0	60
	The Forest at Duke	34	0	0	34	0	0	0	0	34	17	17
	Wynwood of Chapel Hill	0	0	70	70	0	0	0	0	70	0	70
Totals		88	0	835	923	0	0	0	0	923	32	891
Edgecombe	Britthaven of Tarboro	0	0	130	130	0	0	0	0	130	0	130
	Heritage Care of Rocky Mount	0	0	126	126	0	0	0	0	126	0	126
	The Fountains at The Albemarle	56	0	0	56	0	0	0	0	56	0	56
Totals		56	0	256	312	0	0	0	0	312	0	312
Forsyth	Arbor Acres United Methodist Retirement Comm	84	0	0	84	18	0	0	0	102	51	51
	Baptist Retirement Homes of NC/Brookridge	36	0	0	36	0	0	0	0	36	18	18
	Brian Center Health & Retirement	40	0	0	40	0	0	0	0	40	0	40
	Brighton Gardens of Winston-Salem	0	0	115	115	0	0	0	0	115	0	115
	Brookstone Terrace	0	0	40	40	0	0	0	0	40	0	40
	C.R.T Golden Lamb Rest Home	0	0	40	40	0	0	0	0	40	0	40
	Clare Bridge of Winston-Salem	0	0	38	38	0	0	0	0	38	0	38
	Clemmons Village I	0	0	60	60	0	0	0	0	60	0	60
	Clemmons Village II	0	0	66	66	0	0	0	0	66	0	66
	Creekside Manor	0	0	60	60	0	0	0	0	60	0	60
	Danby House	0	0	100	100	0	0	0	0	100	0	100
	Diversified Health Group	0	0	0	0	0	85	0	0	85	0	85
	Forest Heights Senior Living Community	0	0	125	125	0	0	0	0	125	0	125
	Forsyth Village	0	0	60	60	0	0	0	0	60	0	60
	Heritage Woods	0	0	29	29	0	0	0	0	29	0	29
	Homestead Hills Retirement Limited Partnership	0	0	66	66	0	0	0	0	66	0	66
	Kerner Ridge Assisted Living	0	0	66	66	0	0	0	0	66	0	66
	LSA Elms at Tanglewood, Inc dba Elms at Tangl	0	0	104	104	0	0	0	0	104	0	104
	Magnolia Creek Assisted Living	0	0	117	117	0	0	0	0	117	0	117
	Reynolda Park	0	0	72	72	0	0	0	0	72	0	72
	Reynolds House	0	0	121	121	0	0	0	0	121	0	121
	Salem Terrace	0	0	142	142	0	0	0	0	142	0	142
	Salemtowne	46	0	0	46	0	0	0	0	46	23	23
	Shuler Health Care Inc./Crane Villa	0	0	12	12	0	0	0	0	12	0	12
	Shuler Health Care Inc./Phillips Villa	0	0	12	12	0	0	0	0	12	0	12
	Shuler Health Care Inc./Pierce Villa	0	0	12	12	0	0	0	0	12	0	12
	Shuler Health Care Inc./Record Villa	0	0	12	12	0	0	0	0	12	0	12
	Shuler Health Care Inc./Storey Villa	0	0	12	12	0	0	0	0	12	0	12
	Somerset Court at University Place	0	0	60	60	0	0	0	0	60	0	60
	Southfork	0	0	78	78	0	0	0	0	78	0	78
	The Bradford Village of Kernersville - East, LLC	0	0	59	59	0	0	0	0	59	0	59
	The Bradford Village of Kernersville - West, LLC	0	0	62	62	0	0	0	0	62	0	62
	The Crest of Clemmons	0	0	96	96	0	0	0	0	96	0	96

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

					INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total	I	icense Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	Vienna Village, Inc.	0	0	90	90	0	0	0	0	90	0	90
Totals		206	0	1926	2132	18	85	0	0	2235	92	2143
Franklin	Britthaven of Louisburg	10	0	0	10	0	0	0	0	10	0	10
	Carebridge Assisted Living	0	0	60	60	0	0	0	0	60	0	60
	Louisburg Gardens	0	0	56	56	0	0	0	0	56	0	56
	Louisburg Manor	0	0	60	60	0	0	0	0	60	0	60
	Zollieville Rest Home #2, Inc dba Zollieville Res	0	0	54	54	0	0	0	0	54	0	54
Totals		10	0	230	240	0	0	0	0	240	0	240
Gaston	Abingdon Place of Gastonia	0	0	86	86	0	0	0	0	86	0	86
	Alexandria Place	40	0	0	40	0	0	0	0	40	0	40
	Belaire Health Care Center	20	0	0	20	0	0	0	0	20	0	20
	Carillon Assisted Living of Cramer Mountain	0	0	128	128	0	0	0	0	128	0	128
	Carolina Care Center	12	0	0	12	0	0	0	0		0	12
	Country Time Inn	0	0	59	59	0	0	0	0	59	0	59
	Courtland Terrace	19	0	0	19	0	0	0	0	19	0	19
	Covenant Village, Inc.	42	0	0	42	0	0	0	0	42	21	21
	Delta Healthcare Management LLC DBA Heritag	0	0	86	86	0	0	0	0	86	0	86
	Gaston Manor	0	0	78	78	0	0	0	0	78	0	78
	Gaston Place	0	0	89	89	0	0	0	0	89	0	89
	Morningside of Gastonia	0	0	105	105	0	0	0	0	105	0	105
	Peak Resources of Cherryville	57	0	0	57	0	0	0	0	57	0	57
	Rosewood Assisted Living	0	0	48	48	0	0	0	0	48	0	48
	Somerset Court of Cherryville	0	0	60	60	0	0	0	0	60	0	60
	Stanley Total Living Center, Inc.	24	0	0	24	0	0	0	0	24	12	12
	Terrace Ridge	0	0	74	74	0	0	0	0	74	0	74
	Wellington House	0	0	48	48	0	0	0	0	48	0	48
	Woodlawn Haven	0	0	80	80	0	0	0	0	80	0	80
Totals		214	0	941	1155	0	0	0	0	1155	33	1122
Gates	Down East Health and Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Totals		10	0	0	10	0	0	0	0	10	0	10
Graham	Britthaven of Graham	23	0	0	23	0	0	0	0	23	0	23
Totals		23	0	0	23	0	0	0	0	23	0	23
Granville	Granville House	0	0	60	60	0	0	0	0	60	0	60
	Heritage Meadows Long Term Care Facility	0	0	80	80	0	0	0	0	80	0	80
	Pine Gardens Adult Care	0	0	31	31	0	0	0	0	31	0	31
	Toney Rest Home Inc.	0	0	60	60	0	0	0	0	60	0	60
	Universal Health Care Oxford	20	0	0	20	0	0	0	0	20	0	20
Totals		20	0	231	251	0	0	0	0	251	0	251
Greene	Britthaven of Snow Hill	17	0	0	17	0	0	0	0	17	0	17
	Glen Care of Snow Hill	0	0	40	40	0	0	0	0	40	0	40
Totals		17	0	40	57	0	0	0	0	-	0	57
Guilford	Abbotswood at Irving Park Assisted Living	0	0	28	28	0	0	0	0	28	0	28
	Adams Farm Living and Rehab	20	0	0	20	0	0	0	0	20	0	20
	Arbor Care Assisted Living	0	0	92	92	0	0	0	0	92	0	92
	Bell House	0	0	22	22	18	0	0	0	40	0	40

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

	INVENTORY												
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total	I	icense Pend	ling	Available	Total	Sum of	TOTAL Planning Inventory	
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions		
	Blumenthal Jewish Nursing and Rehab Ctr.	20	0	0	20	0	0	0	0	20	0	20	
	Brighton Gardens of Greensboro	0	0	125	125	0	0	0	0	125	0	125	
	Carolina Commons Healthcare & Rehab. Ctr.	40	0	0	40	0	0	0	0	40	0	40	
	Carriage House Senior Living Community	0	0	108	108	0	0	0	0	108	0	108	
	Clapp's Assisted Living	0	0	30	30	0	0	0	0	30	0	30	
	Clare Bridge at High Point Place	0	0	65	65	0	0	0	0	65	0	65	
	Countryside Manor	16	0	0	16	0	0	0	0	16	0	16	
	Elm Villa, LLC	0	0	44	44	0	0	0	0	44	0	44	
	Friends Home at Guilford	60	0	0	60	0	0	0	0	60	30	30	
	Friends Homes West	40	0	0	40	0	0	0	0	40	20	20	
	Greensboro Living Center	0	0	114	114	0	0	0	0	114	0	114	
	Greensboro Manor	0	0	81	81	0	0	0	0	81	0	81	
	Greensboro Place on Lawndale	0	0	118	118	0	0	0	0	118	0	118	
	Greensboro Retirement Center	0	0	64	64	0	0	0	0	64	0	64	
	Heartland Living and Rehab/Moses Cone	37	0	0	37	0	0	0	0	37	0	37	
	High Point Manor on Hartley	0	0	82	82	0	0	0	0	82	0	82	
	High Point Place	0	0	102	102	0	0	0	0	102	0	102	
	Lawson's Adult Enrichment Center	0	0	18	18	0	0	0	0	18	0	18	
	Long's Rest Home for Aged	0	0	12	12	0	0	0	0	12	0	12	
	Loyalton of Greensboro	0	0	70	70	0	0	0	0	70	0	70	
	Maryfield Nursing Home	36	0	0	36	0	0	0	0	36	18	18	
	Masonic & Eastern Star Home of NC	12	0	0	12	0	0	0	0	12	6	6	
	Morningview at Irving Park	0	0	105	105	0	0	0	0	105	0	105	
	Oak Hill Rest Home	0	0	60	60	-60	0	0	0	0	0	0	
	Oak Hill Rest Home Replacement	0	0	0	0	60	0	0	0	60	0	60	
	Piedmont Christian Home, Inc. "	0	0	93	93	0	0	0	0	93	0	93	
	Presbyterian Home of High Point	10	0	0	10	0	0	0	0	10	0	10	
	Riverlanding at Sandy Ridge	56	0	0	56	0	0	0	0	56	28	28	
	Serenity Care Rest Home	0	0	29	29	0	0	0	0	29	0	29	
	Skeet Club Manor	0	0	79	79	0	0	0	0	79	0	79	
	Southland Homes, Inc./Oakview Assisted Living	0	0	10	10	0	0	0	0	10	0	10	
	Spring Arbor of Greensboro	0	0	100	100	0	0	0	0	100	0	100	
	St. Gales Estates, Inc.	0	0	60	60	0	0	0	0	60	0	60	
	The Arboretum at Heritage Greens	0	0	48	48	0	0	0	0	48	0	48	
	Verra Springs at Heritage Greens	0	0	45	45	0	0	0	0	45	0	45	
	Well-Spring Retirement Community	72	0	0	72	0	0	0	0	72	36	36	
	Wesleyan Arms Retirement Center	0	0	69	69	0	21	0	0	90	0	90	
	Woodland Place - Greensboro	0	0	96	96	0	0	0	0	96	0	96	
Totals		419	0	1969	2388	18	21	0	0	2427	138	2289	
Halifax	Carolina Rest Home	0	0	40	40	0	0	0	0	40	0	40	
	Liberty Commons Nursing/Rehab	25	0	0	25	0	0	0	0	_	0	25	
	Our Community Hospital	0	20	0	20	0	0	0	0	20	0	20	
	Woodhaven Rest Home #1	0	0	0	0	60	0	0	0	60	0	60	
	Woodhaven Rest Home #2	0	0	60	60	0	0	0	0	60	0	60	
Totals		25	20	100	145	60	0	0	O	205	0	205	

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

	INVENTORY													
COUNTY		Lic. Beds in Lic. Beds in	Adult Care	Total		License Pend	ling	Available	Total	Sum of	TOTAL			
	Facility Name	Nursing Hospitals Homes	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory			
Harnett	Brookfield Assisted Living Center	0	0 105	105	0	0	0	0	105	0	105			
	Core Family Care, Inc.	0	0 36	36	0	0	0	0	36	0	36			
	Dunn Rehab and Nursing Center	8	0 0	8	0	0	0	0	8	0	8			
	Johnson Better Care Facility, Inc.	0	0 50	50	0	0	0	0	50	0	50			
	Oak Hill Living Center	0	0 122	122	0	0	0	0	122	0	122			
	Pinecrest Gardens	0	0 60	60	0	0	0	0	60	0	60			
	Primrose Villa Retirement Home II	0	0 12	12	0	0	0	0	12	0	12			
	Primrose Villa Retirement III	0	0 12	12	0	0	0	0	12	0	12			
	Primrose Villa Retirement IV	0	0 12	12	0	0	0	0	12	0	12			
	Senior Citizens Village	0	0 65	65	0	0	0	0	65	0	65			
	Senter's Rest Home	0	0 50	50	0	0	0	0	50	0	50			
	Stage Coach Manor	0	0 40	40	0	0	0	0	40	0	40			
	Universal Healthcare Lillington	106	0 0	106	0	0	0	0	106	0	106			
	Unprecedented Care	0	0 12	12	0	0	0	0	12	0	12			
Totals		114	0 576	690	0	0	0	0	690	0	690			
Haywood	Ann Davis Rest Home	0	0 10	10	0	0	0	O	10	0	10			
·	Autumn Care of Waynesville	10	0 0	10	0	0	0	0	10	0	10			
	Chestnut Park Rest Home #1	0	0 10	10	0	0	0	0		0	10			
	Chestnut Park Retirement Center	0	0 20	20	0	0	0	0	20	0	20			
	Community Care of Haywood #1	0	0 20		0	0	0	0		0	20			
	Haywood House	0	0 0		50	0	0	0	50	0	50			
	Haywood Lodge and Retirement Center	0	0 68	68	0		0	0		0	68			
	Hospitalily Retreat	0	0 20		0	0	0	0		0	20			
	McCracken Rest Home	0	0 22		0	0	0	0	22	0	22			
	Mountain Hart Retirement, LLC	0	0 20		0	0	0	0	20	0	20			
	Pigeon Valley Rest Home	0	0 29		0		0	0		0	29			
	Queen Retirement Home	0	0 20		0	0	0	0	20	0	20			
	Richland Community Care #2	0	0 11		0	0	0	0	11	0	11			
	Silver Bluff	13	0 0		0	0	0	0		0	13			
Totals	3.77.57.2.77.	23	0 250		50		0	0		0	323			
Henderson	Blue Ridge Retirement	0	0 43		0		0	0		0	43			
	Cardinal Care Center-Hendersonville	0	0 60		0		-	0		0	60			
	Carillon Assisted Living Of Hendersonville	0	0 96		0		0	0		0	96			
	Carolina Village, Inc.	0	0 60		0			0		30	30			
	Cherry Springs Village	0	0 60		0	-	-	0		0	60			
	Country Meadow Rest Home	0	0 15		0		-	0		0	15			
	Druid Hills Living Center #1	0	0 10		0		-	0		0	10			
	Druid Hills Living Center #2	0	0 30		0			0		0	30			
	Henderson's Assisted Living	0	0 26		0		-	0		0	26			
	Heritage Lodge	0	0 24		0		-	0		0	24			
	McCullough's Rest Home	0	0 13		0			0		0	13			
	Mountain View Assisted Living	0	0 27		0			0		0	27			
	Spring Arbor of Hendersonville II, LP	0	0 61		0		-	0		0	61			
	Spring Arbor Or Hendersonville II, LP	0	0 48		0		_			0	48			
	The Laurels of Hendersonville	20	0 48		0		_	0		0	20			

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

	INVENTORY													
COUNTY		Lic. Beds in Lic. Beds in		Adult Care	Total		License Pend	ling	Available	Total	Sum of	TOTAL		
0001.22	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds		ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory		
Totals		20	0	573	593	0			0	593	30	563		
Hertford	Ahoskie House	0	0	60	60	0	0	0	0	60	0	60		
	Pinewood Manor	0	0	92	92	0	0	0	0	92	0	92		
	Twin Oaks Adult Home	0	0	21	21	0	0	0	0	21	0	21		
Totals		0	O	173	173	0	0	0	O	173	0	173		
Hoke	Autumn Care of Raeford	8	0	0	8	0	0	0	0	8	0	8		
	Open Arms Retirement Center	0	0	90	90	0	0	0	0	90	0	90		
	Raeford Manor	0	0	75	75	0	0	0	0	75	0	75		
Totals		8	0	165	173	0	0	0	0	173	0	173		
Iredell	Aurora of Statesville	0	0	80	80	0	0	0	0	80	0	80		
	Autumn Care of Statesville	10	0	0	10	0	0	0	0	10	0	10		
	Crown Colony at Mooresville	0	0	60	60	0	0	0	0	60	0	60		
	Heritage Place Adult Living Center	0	0	40	40	0	0	0	0	40	0	40		
	Jurney's Assisted Living	0	0	60	60	0	0	0	0	60	0	60		
	Maple Leaf Health Care	8	0	0	8	0	0	0	0	8	0	8		
	Mooresville Center	30	0	0	30	0	0	0	0	30	0	30		
	Rosewood Assisted Living	0	0	54	54	0	0	0	0	54	0	54		
	Southland Homes, Inc./Olin Village	0	0	64	64	0	0	0	0	64	0	64		
	Statesville Manor on East Broad	0	0	58	58	0	0	0	0	58	0	58		
	Statesville Place on Peachtree	0	0	87	87	0	0	0	0	87	0	87		
	Summit Place of Mooresville	0	0	60	60	0	0	0	0	60	0	60		
	The Churchill Senior Living Community	0	0	120	120	0	0	0	0	120	0	120		
	The Clare Bridge at Statesville Place	0	0	40	40	0	0	0	0	40	0	40		
	The Gardens of Statesville	0	0	67	67	0	0	0	0	67	0	67		
Totals		48	0	790	838	0	0	0	0	838	0	838		
Jackson	Morningstar of Jackson, LLC d/b/a Morningstar	0	0	55	55	0	0	0	0	55	0	55		
	Skyland House	0	0	90	90	0	0	0	0	90	0	90		
Totals		0	0	145	145	0	0	0	0	145	0	145		
Johnston	Autumn Home Care of Johnston County, Inc. I	0	0	12	12	0	0	0	0	12	0	12		
	Autumn Home Care of Johnston County, Inc. II	0	0	12	12	0	0	0	0	12	0	12		
	Autumn Home Care of Johnston County, Inc. III	0	0	12	12	0	0	0	0	12	0	12		
	Autumn Wind Assisted Living	0	0			0	0	0	0		0	20		
	Cardinal Care Assisted Living Village, LLC #1	0	0	12		0	0	0	0		0	12		
	Cardinal Care Assisted Living Village, LLC #2	0	0	12	12	0	0	0	0		0	12		
	Cardinal Care Assisted Living Village, LLC #3	0	0	12	12	0	0	0	0	12	0	12		
	Cardinal Care Assisted Living Village, LLC #4	0	0			0	0	Ü	0		0	12		
	Cardinal Care Assisted Living Village, LLC #5	0	0	12	12	0	0	0	0	12	0	12		
	Cardinal Care Assisted Living Village, LLC #6	0	0	12	12	0	0	0	0	12	0	12		
	Carolina House of Smithfield	0	0			0		Ü	0		0	74		
	Classic Care Homes	0	0	12	12	0	0	0	0		0	12		
	Classic Care Homes 103	0	0			0		-	0		0	12		
	Classic Care Homes 105	0	0	12	12	0	0	0	0	12	0	12		
	Clayton House	0	0	60	60	0	0	0	0	60	0	60		
	Liberty Commons Nursing and Rehab	60	0	0	60	0	0	0	0		0	60		
	McLamb's Rest Home	0	0	12	12	0	0	0	0	12	0	12		

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

	INVENTORY												
COUNTY		Lic. Beds in Lic. Beds in		Adult Care	Total		License Pend	ling	Available	Total	Sum of	TOTAL	
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds		ACH (Exempt)	ACH	SMFP	Available	Exclusions	Planning Inventory	
	McLamb's Rest Home #2	0	0	12	12	0	0	0	0	12	0	12	
	Meadowview Assisted Living Center	0	0	60	60	0	0	0	0	60	0	60	
	Oakview Commons	0	0	96	96	0	0	0	0	96	0	96	
	Progressive Care	0	0	12	12	0	0	0	0	12	0	12	
	Smithfield House East	0	0	77	77	0	0	0	0	77	0	77	
	Smithfield House West	0	0	60	60	0	0	0	0	60	0	60	
	Smithfield Manor, Inc.	20	0	0	20	0	0	0	0	20	0	20	
Totals		80	0	627	707	0	0	0	0	707	0	707	
Jones	Brookstone Living Center	20	0	0	20	0	0	0	0	20	0	20	
Totals		20	0	0	20	0	0	0	0	20	0	20	
Lee	AN & FC's Residential Care	0	0	20	20	0	0	0	0	20	0	20	
	Ashewood Estates Retirement Center	0	0	85	85	0	0	0	0	85	0	85	
	Oakhaven Home	0	0			0	0	0	0	40	0	40	
	Oakhaven II	0	0	12	12	0	0	0	0	12	0	12	
	Parkview Retirement Center, Inc.	0	0	116	116	0	0	0	0	116	0	116	
	Victorian	0	0	50	50	0	0	0	0	50	0	50	
Totals		0	0	323	323	0	0	0	0	323	0	323	
Lenoir	GlenCare Assisted Living, Inc. d/b/a Glen Care	0	0			0	0	0	0	94	0	94	
	GlenCare of Kinston	0	0			0	0	0	0	63	0	63	
	Kinston Assisted Living	0	0			0	0	0	0	60	0	60	
	Spring Arbor of Kinston	0	0	86	86	0	0	0	0	86	0	86	
	Trinity Manor	0	0			0	0	0	0		0	33	
Totals		0	0			0	0	0	0	336	0	336	
Lincoln	Amazing Grace Rest Home	0	0			0	0	0	0	20	0	20	
	Boger City Rest Home	0	0	52	52	0	0	0	0	52	0	52	
	Brian Center Health & Retirement	23	0			0	0	0	0	23	0	23	
	Cardinal Healthcare and Rehab	20	0	0		0	0	0	0	20	0	20	
	Carillon Assisted Living of Lincolnton	0	0	96	96	0	0	0	0	96	0	96	
	Heath House	0	0	60	60	0	0	0	0	60	0	60	
	Lakewood Care Center, Inc.	0	0	60	60	0	0	0	0	60	0	60	
	North Brook Rest Home, Inc	0	0	12	12	0	0	0	0	12	0	12	
	Wexford House	0	0			0	0	0			0	60	
Totals		43	0	360	403	0	0	0			0	403	
Macon	Chestnut Hill of Highlands	0	0						0		0	26	
	Franklin House	0	0	-					0		0	70	
	Grandview Manor Care Center	0	0			30			0		0	82	
Totals		0	0						0		0	178	
Madison	Elderberry Health Care	20	0			0		0	0		0	20	
	Mars Hill Retirement Community	0	0	-		0		-	0		0	69	
Totals		20	0			0		Ü	0		0	89	
Martin	Vintage Inn	0	0			0		-	0		0	122	
	Williamston House	0	0			0	·	-	0		0	60	
Totals		0	0			0		-	0		0	182	
McDowell	Autumn Care of Marion	15	0	.02		0					0	15	
WODOWGII	Cedarbrook Residential Center	0	0			0		-	0		0	80	

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

				INVENTOR	Y						
COUNTY		Lic. Beds in Lic. Beds in	Adult Care	Total]	License Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Hospitals Homes	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	Houston House, Inc.	0	0 29	29	C	0	0	0	29	0	2
	Lake James Lodge	0	0 60	60	0	0	0	0	60	0	6
	McDowell Assisted Living, LLC	0	0 54	54	C	0	0	0	54	0	5-
	McDowell House, Inc.	0	0 25	25	0	0	0	0	25	0	2
	Rose Hill Retirement Community	0	0 87	87	0	0	0	0	87	0	8
otals		15	0 335	350	C	0	0	0	350	0	35
lecklenburg	2010 SMFP	0	0 0	0	0	0	0	340	340	0	34
	Atria Merrywood	0	0 20	20	0	0	0	0	20	0	2
	Brighton Gardens of Charlotte	0	0 125	125	0	0	0	0	125	0	12
	Britthaven of Charlotte	10	0 0	10	0	0	0	0	10	0	1
	Brookdale Place South Charlotte	0	0 51	51	0	0	0	0	51	0	5
	Carmel Hills	0	0 38	38	0	0	0	0	38	19	1
	Carriage Club of Charlotte (Coach House)	0	0 108	108	C	0	0	0	108	54	5
	Carrington Place	10	0 0	10	0	0	0	0	10	0	1
	Charlotte Manor	0	0 40	40	0	0	0	0	40	0	4
	Charlotte Square	0	0 125	125	0	0	0	0	125	0	12
	Cuthbertson Village at Aldersgate	0	0 45	45	0	0	0	0	45	23	2
	East Towne	0	0 120	120	0	0	0	0	120	0	12
	Elmcroft of Little Avenue	0	0 62	62	0	0	0	0	62	0	6
	Emeritus at Eastover	0	0 104	104	0	0	0	0	104	0	10
	Helton Manor West, Inc.	0	0 120	120	0	0	0	0	120	0	12
	Hunter Village	0	0 68	68	0	0	0	0	68	0	6
	Hunter Woods Nursing & Rehab. Center	10	0 0	10	0	0	0	0	10	0	1
	Lawyers Glen Retirement Living Center	0	0 82	82	0	0	0	0	82	0	8
	Lee's Living Center	0	0 48	48	0	0	0	0	48	0	4
	Legacy Heights Senior Living Community	0	0 122	122	0	0	0	0	122	0	12
	Parker Terrace At Aldersgate	0	0 53	53	0	0	0	0	53	27	2
	Pineville Rehab and Living Center	10	0 0	10	0	0	0	0	10	0	1
	Preston House	0	0 40	40	0	0	0	0	40	0	4
	Regency Retirement Village	0	0 119	119	0	0	0	0	119	0	11
	Saturn Nursing and Rehabilitation Center	20	0 0	20	C	0	0	0	20	0	2
	Sharon Towers	40	0 0	40	C	0	0	0	40	20	2
	Slay's Rest Home	0	0 12	12	0	0	0	0	12	0	1
	Southminster	40	0 0	40	C	0	0	0	40	20	2
	Summit Place of Southpark	0	0 120	120	C	0	0	0	120	0	12
	Sunrise on Providence	0	0 95	95	C	0	0	0	95	0	9
	The Arbors at Carriage Club of Charlotte	0	0 34	34	C	0	0	0	34	17	1
	The Court at South Park	0	0 56	56	C	0	0	0	56	0	5
	The Cove at Wilora Lake Lodge	0	0 50	50	C	0	0	0	50	0	5
	The Haven in Highland Creek	0	0 60	60	C	0	0	0	60	0	6
	The Haven in the Village at Carolina Place	0	0 60	60	C	0	0	0	60	0	6
	The Laurels in Highland Creek	0	0 105	105	C	0	0	0	105	0	10
	The Laurels in the Village at Carolina Place	0	0 104	104	C	0	0	0	104	0	10
	The Little Flower Assisted Living Residence	0	0 49		C	0	0	0	49	0	4
	The Parc at Sharon Amity	0	0 64		0) 0	0	0		0	6-

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

	INVENTORY												
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		icense Pend	ling	Available	Total	Sum of	TOTAL	
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory	
	The Pines at Davidson	30	0	0	30	0	0	0	0	30	15	15	
	Weddington Park	0	0	83	83	0	0	0	0	83	0	83	
	Willow Ridge Assisted Living	0	0	52	52	0	0	0	0	52	0	52	
	WillowBrooke Court/Plantation Estates	60	0	0	60	0	0	0	0	60	30	30	
	Wilora Lake Health Care Center	20	0	0	20	0	0	0	0	20	0	20	
Totals		250	C	2434	2684	0	0	0	340	3024	225	2799	
Mitchell	Brian Center Health & Rehab/Spruce Pines	10	0	0	10	0	0	0	0	10	0	10	
	Mitchell House	0	0	0	0	80	0	0	0	80	0	80	
Totals		10	C	0	10	80	0	0		90	0	90	
Montgomery	Autumn Care of Biscoe	10	0	0	10	0	0	0	0	10	0	10	
	Brookstone Haven of Star	0	0	54	54	0	0	0	0	54	0	54	
	Poplar Springs	0	0	12	12	0	0	0	0	12	0	12	
	Sandy Ridge Assisted Living	0	0	104	104	0	0	0	0	104	0	104	
	Tillery Chase Adult Care Home	0	0		60	0	0	0	0	60	0	60	
Totals		10	C			0	0	0	0	240	0	240	
Moore	Belle Meade-St. Joseph of the Pines	0	0			0	0	0	0		25	25	
	Carolina House of Pinehurst	0	0			0	0	0	0	76	0	76	
	Elmcroft of Southern Pines	0	0			0	0	0			0	94	
	Fox Hollow Senior Living Community	0	0			0	0	0			0	85	
	KingsWood Nursing Center	10	0			0		-			0	10	
	Magnolia Gardens	0	0	-	-	0	v	, i			0	110	
	Peak Resources - Pinelake	20	0			0			_		0	20	
	Penick Village	29	0			0	·	-	_		15	14	
	Pinehurst Healthcare and Rehab Center	15	0			0			_		0	15	
	Seven Lakes Assisted Living	0	0			0		-	_		0	60	
	Southern Pines Manor	0	0			0					0	10	
	Tara Plantation of Carthage	0	0			0		-	_		0	80	
Totals	Tara Flamation of Carriage	74				0					40	599	
Nash	Autumn Care of Nash	20	0			0		-			0	20	
140311	Brekenridge Retirement Center	0	0		64	0					0	64	
	Hunter Hills Senior Village	0	0		_	0	·	·	_		0	64	
	Nash Rehab & Nursing Center	9	0								0	9	
	Somerset Court of Rocky Mount	0	0		-	0	·	-	_	-	0	60	
	South Village	15	0			0					0	15	
	Spring Arbor of Rocky Mount	0	0			0	v	-	_		0	84	
	Sterling House of Rocky Mount	0	0			0					0	60	
	Trinity Retirement Villas #1	0	0			0	-	-	_		0	12	
	Trinity Retirement Villas #1 Trinity Retirement Villas #2	0	0			0					0	12	
	Universal Healthcare/ Nashville, Inc.	122	0			0	v	-	_		0	122	
T-4-1-	Universal Realtricate/ Nastiville, Inc.	122		_		0					0	522	
Totals New Hanover	Autumn Core of Murtle Crove	20	0			0	-				0	20	
ivew hallover	Autumn Care of Myrtle Grove	20	0			0					0	148	
	Champions Assisted Living			_				-	_				
	Clare Bridge of Wilmington	0	0			0	0				0	38	
	Diversicare of New Hanover	0			61	-61			_		0		
	Fannie Norwood Memorial Home	0	0	16	16	0	0	0	0	16	0	16	

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

	INVENTORY													
COUNTY		Lic. Beds in Lic. Beds in		Adult Care	Total		icense Pend	ling	Available	Total	Sum of	TOTAL		
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory		
	GlenCare of Wilmington	0	0	64	64	0	0	0	0	64	0	64		
	Hermitage House Rest Home	0	0	84	84	0	0	0	0	84	0	84		
	Liberty Commons Nursing Wilmington	40	0	0	40	0	0	0	0	40	0	40		
	New Hanover House	0	0	0	0	61	0	0	0	61	0	61		
	Pacifica Senior Living-Wilmington	0	0	101	101	0	0	0	0	101	0	101		
	Port South Village/Carmen D. Villa	0	0	12	12	0	0	0	0	12	0	12		
	Port South Village/Catherine S. Villa	0	0	12	12	0	0	0	0	12	0	12		
	Port South Village/Crystal L. Villa	0	0	12	12	0	0	0	0	12	0	12		
	Port South Village/Lorraine B. Villa	0	0	12	12	0	0	0	0	12	0	12		
	Port South Village/Tara L. Villa	0	0	12	12	0	0	0	0	12	0	12		
	Port South Village/Teresa C. Villa	0	0	12	12	0	0	0	0	12	0	12		
	Sherwood Manor Rest Home	0	0	40	40	0	0	0	0	40	0	40		
	Spring Arbor of Wilmington	0	0	66	66	0	0	0	0	66	0	66		
	The Commons at Brightmore	0	0	201	201	0	0	0	0	201	0	201		
	The Kempton at Brightmore	0	0	136	136	0	0	0	0	136	0	136		
	Wilmington Health & Rehabilitation Center	16	0	0	16	0	0	0	0	16	0	16		
Totals		76	C	1027	1103	0	0	0	0	1103	0	1103		
Northampton	Hampton Manor	0	0	82	82	0	0	0	O	82	0	82		
·	Pine Forest Rest, Inc	0	0			0	0	0	0	24	0	24		
	Rich Square Villa	0	0			0	0	0	0	38	0	38		
	Rich Square Manor	0	0	32	32	0	0	0	0	32	0	32		
	St. Mary's Assisted Living Facility of Pleasant Hi		0			0	0	0	0		0	66		
Totals		0	C	242	242	0	0	0	0	242	0	242		
Onslow	Britthaven of Jacksonville	7	0	0	7	0	0	0	O	7	0	7		
	Carebridge Assisted Living Community	0	0	160	160	0	0	0	0	160	0	160		
	GlenCare AL , Inc. d/b/a GlenCare of Holly Ridg	0	0	40	40	0	0	0	0	40	0	40		
	Liberty Commons Assisted Living	0	0	79	79	0	0	0	0	79	0	79		
	Lighthouse Village	0	0	80	80	0	0	0	0	80	0	80		
	The Arc Community	0	0	32	32	0	0	0	0	32	0	32		
	The Heritage of Richlands	0	0			0	0	0	0	40	0	40		
Totals		7	0	431	438	0	0	0	0	438	0	438		
Orange	Britthaven of Chapel Hill	7	0			0	0	0	0		0	7		
Ü	Brookshire Nursing Center	20	0	0	20	0	0	0	0	20	0	20		
	Carillon Assisted Living of Hillsborough	0	0	96	96	0	0	0	0	96	0	96		
	Carol Woods Retirement Community - Bldg 6	0	0			0	0	0			6	6		
	Carol Woods Retirement Community - Bldg 7	65	0			0	0	0	0		33	32		
	Carolina House of Chapel Hill	0	0	64		0	0	0	0		0	64		
	Crescent Green of Carrboro	0	0	_		0	0	-	0		0	120		
	The Stratford	0	0			0	0	-	0		0	77		
	Villines Rest Home, Inc	0	0			0	·	Ū	0		0	17		
Totals		92	- 0				Ů	· ·	0		39	439		
Pamlico	Britthaven of Pamlico	8	0	555		0	0	-	0		0	8		
	The Gardens of Pamlico	0	0	·	_	0		_	0		0	40		
Totals	The Gardens of Familion	8	- 0						0		0	48		
Pasquotank	Carolina House of Elizabeth City	0	0			0	-		0		0	76		

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

	INVENTORY												
COUNTY		Lic. Beds in Lic. Beds in		Adult Care	Total		License Pend	ling	Available	Total	Sum of	TOTAL	
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds		ACH (Exempt)	ACH	SMFP	Available	Exclusions	Planning Inventory	
	Heritage Care of Elizabeth City	0	0	60	60	0	0	0	0	60	0	60	
	Waterbrooke of Elizabeth City	0	0	130	130	0	0	0	0	130	0	130	
Totals		0	0	266	266	0	0	0	0	266	0	266	
Pender	DaySpring Assisted Living of Burgaw	0	0	60	60	0	0	0	0	60	0	60	
	Huntington Health Care	23	0	0	23	0	0	0	0	23	0	23	
	Pen-Du Rest Home	0	0	19	19	0	0	0	0	19	0	19	
	Stone Bridge at Woodbury	0	0	0	0	100	0	0	0	100	0	100	
Totals		23	C	79	102	100	0	0	O	202	0	202	
Perquimans	Country Oaks	0	0	24	24	0	0	0	0	24	0	24	
	South Haven Manor	0	0	24	24	0	0	0	0	24	0	24	
Totals		0	C	48	48	0	0	0	O	48	0	48	
Person	Cambridge Hills Assisted Living, Inc.	0	0			0	_		0	120	0	120	
	Maple Heights Assisted Living	0	0	34	34	0	0	0	0	34	0	34	
	The Canterbury House	0	0	60		0	0	0	0		0	60	
Totals		0	C	214	214	0	0	0	O		0	214	
Pitt	Carolina House of Greenville	0	0	76	76	0	0	0	0	76	0	76	
	Cypress Glen Retirement Community Memory C	30	0	0	30	0	0	0	0	30	15	15	
	Dixon House	0	0	80	80	0	0	0	0	80	0	80	
	Greenfield Place	20	0	0	20	0	0	0	0	20	0	20	
	Oak Haven Assisted Living	0	0	54	54	0	0	0	0	54	0	54	
	Red Oak Assisted Living	0	0	62	62	0	0	0	0	62	0	62	
	Southern Living Assisted Care	0	0	120	120	0	0	0	0	120	0	120	
	Spring Arbor of Greenville	0	0	66	66	0	0	0	0	66	0	66	
	Sterling House of Greenville	0	0	60	60	0	0	0	0	60	0	60	
	Winterville Manor	0	0	29	29	0	0	0	0	29	0	29	
Totals		50	C	547	597	0	0	0	O	597	15	582	
Polk	K D Support Services dba Kellys Care # 5	0	0	14	14	0	0	0	0	14	0	14	
	Laurelwoods	0	0	60	60	0	0	0	0	60	0	60	
	Ridgerest	0	0	12	12	0	0	0	0	12	0	12	
	White Oak Manor/Tryon	30	0	0	30	0	0	0	0	30	15	15	
	WillowBrooke Court Skilled Care Center	44	0	0	44	0	0	0	0	44	22	22	
Totals		74	C	86	160	0	0	0	0	160	37	123	
Randolph	Brookstone Haven	0	0	120	120	0	0	0	0	120	0	120	
	Carillon Assisted Living of Asheboro	0	0	96	96	0	0	0	0	96	0	96	
	Carolina House of Asheboro	0	0	76	76	0	0	0	0	76	0	76	
	Country Manor	0	0	9	9	0	0	0	0	9	0	9	
	Cross Road Retirement Community	0	0	152	152	0	0	0	0	152	0	152	
	North Pointe	0	0	67	67	0	0	0	0	67	0	67	
	North Pointe Assisted Living of Archdale	0	0	56	56	0	0	0	0	56	0	56	
	The GrayBrier Nursing & Retirement Center	14	0	0	14	0	0	0	0	14	0	14	
	Westwood Health and Rehabilitation Center	20	0	0	20	0	0	0	0	20	0	20	
Totals		34	C	576	610	0	0	0	0	610	0	610	
Richmond	Britthaven of Hamlet	10	0	0	10	0	0	0	0	10	0	10	
	Fisher Adult Care, Inc.	0	0	12	12	0	0	0	0	12	0	12	
	New Hope Adult Care	0	0	17	17	0	0	0	0	17	0	17	

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

	INVENTORY												
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		License Pend	ing	Available	Total	Sum of	TOTAL	
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds		ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory	
	Somerset Court of Hamlet	0	0	60	60	0	0	0	0	60	0	60	
	The Hermitage Retirement Center of Rockingha	0	0	120	120	0	0	0	0	120	0	120	
Totals		10	0	209	219	0	0	0	0	219	0	219	
Robeson	Covenant Care	0	0	30	30	0	0	0	0	30	0	30	
	Cromartie Spring Village Rest Home	0	0	11	11	0	0	0	0	11	0	11	
	GlenFlora	20	0	0	20	0	0	0	0	20	0	20	
	Green Manor Rest Home	0	0	82	82	0	0	0	0	82	0	82	
	Greenbrier of Fairmont	0	0	100	100	0	0	0	0	100	0	100	
	J & S Care Inc. # 2 d/b/a Morning Star AL # 2	0	0	12	12	0	0	0	0	12	0	12	
	J & S Care Inc. # 3 d/b/a Morning Star AL # 3	0	0	12	12	0	0	0	0	12	0	12	
	J & S Care Inc. # 4 d/b/a Morning Star AL # 4	0	0	12	12	0	0	0	0	12	0	12	
	Lumberton Assisted Living	0	0	104	104	0	0	0	0	104	0	104	
	Morning Star Assisted Living	0	0	10	10	0	0	0	0	10	0	10	
	Red Springs Assisted Living	0	0	81	81	0	0	0	0	81	0	81	
	St. Mary's Assisted Living Facility of Red Spring	0	0	63	63	0	0	0	0	63	0	63	
	Wesley Pines Retirement Community	42	0	0	42	0	0	0	0	42	21	21	
Totals		62	0	517	579	0	0	0	0	579	21	558	
Rockingham	Carolina House of Reidsville	0	0	76	76	0	0	0	0	76	0	76	
1	Eden Estates	0	0	82	82	0	0	0	0	82	0	82	
ĺ	Highgrove Long Term Care Center,Inc	0	0	62	62	0	0	0	0	62	0	62	
	Moyer's Rest Home	0	0	18	18	0	0	0	0	18	0	18	
	North Pointe of Mayodan	0	0	70	70	0	0	0	0	70	0	70	
	Penn Nursing Center	10	0	0	10	0	0	0	0	10	0	10	
ĺ	Pine Forrest Home for the Aged	0	0	58	58	0	0	0	0	58	0	58	
	Reidsville House	0	0	43	43	0	0	0	0	43	0	43	
Totals		10	0	409	419	0	0	0	0	419	0	419	
Rowan	Best of Care Rest Assisted Living	0	0	25	25	0	0	0	0	25	0	25	
	Bethamy Retirement Center	0	0	43	43	0	0	0	0	43	0	43	
	Big Elm Retirement and Nursing Centers	96	0	0	96	0	0	0	0	96	0	96	
	Brightmoor Nursing Center	43	0	0	43	0	0	0	0	43	0	43	
	Britthaven of Kannapolis, Inc.	0	0	106	106	0	0	0	0	106	0	106	
	Carillon Assisted Living of Salisbury	0	0	128	128	0	0	0	0	128	0	128	
	China Grove Retirement Center	0	0	28	28	0	0	0	0	28	0	28	
	Harris Enterprises of NC, Inc. d/b/a Deal Care In	0	0	21	21	0	0	0	0	21	0	21	
	Heritage Center, LLC	0	0	34	34	0	0	0	0	34	0	34	
	Lutheran Home at Trinity Oaks	25	0	0	25	0	0	0	0	25	13	12	
	Salisbury Center	20	0	0	20	0	0	0	0	20	0	20	
ĺ	Salisbury Gardens	0	0	88	88	0	0	0	0	88	0	88	
	The Laurels of Salisbury	20	0			0	0	0		20	0	20	
	The Meadows of Rockwell Retirement Center	0	0	120		0	0	0	0	120	0	120	
I	Trinity Oaks Continuing Care Retirement Comm	0	0	20		0		0	0	20	10	10	
	Varanda Residential Care	0	0			0	0	0			0	89	
Totals		204	0	702				0	0		23	883	
Rutherford	Autumn Care of Forest City	28	0				_	0			0	28	
			•			V					•		

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

				<u>, , , , , , , , , , , , , , , , , , , </u>	INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		License Pend	ing	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds		ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	Colonial Manor Rest Home	0	0	34	. 34	0		0	0	34	0	34
	Fair Haven Home	37	0	0	37	0	0	0	0	37	0	37
	Haven-N-Hills Living Center	0	0	46	46	0	0	0	0	46	0	46
	Henderson Care Center	0	0	86	86	0	0	0	0	86	0	86
	Hillcrest Adult Care Facility, Inc.	0	0	44	44	0	0	0	0	44	0	44
	Holly Springs Senior Citizens Home	0	0	32	32	0	0	0	0	32	0	32
	Oak Grove Healthcare Center	20	0	0	20	0	0	0	0	20	0	20
	Oakland Living Center, Inc.	0	0	40	40	0	0	0	0	40	0	40
	Restwell Home	0	0	20	20	0	0	0	0	20	0	20
	Southern Manor Retirement Home, Inc.	0	0	25	25	0	0	0	0	25	0	25
	Sunnyside Retirement Home	0	0	34	34	0	0	0	0	34	0	34
Totals		85	0	437	522	0	0	0	0	522	0	522
Sampson	Autumn Wind Assisted Living of Roseboro, Inc.	0	0	40	40	0	0	0	0	40	0	40
	Clinton House	0	0	60	60	0	0	0	0	60	0	60
	Juniper Springs Center	0	0	19	19	0	0	0	0	19	0	19
	Mary Gran Nursing Center	30	0	0	30	0	0	0	0	30	0	30
	Rolling Ridge Retirement Center, Inc.	0	0	42	42	0	0	0	0	42	0	42
	The Magnolia	0	0	91	91	0	0	0	0	91	0	91
Totals		30	0	252	282	0	0	0	0	282	0	282
Scotland	Prestwick Village Assisted Living	0	0	100	100	0	0	0	0	100	0	100
	Scotia Village	32	0	0	32	0	0	0	0	32	16	16
	Willow Place	0	0	74	. 74	0	0	0	0	74	0	74
Totals		32	0	174	206	0	0	0	0	206	16	190
Stanly	Albemarle House	0	0	64	64	12	0	0	0	76	0	76
	Britthaven of Piedmont	10	0	0	10	0	0	0	0	10	0	10
	Forrest Oakes Healthcare Center	20	0	0	20	0	0	0	0	20	0	20
	Lutheran Home-Albemarle	12	0	0	12	0	0	0	0	12	0	12
	Spring Arbor of Albemarle	0	0	78	78	0	0	0	0	78	0	78
	Stanly Manor	10	0	0	10	0	0	0	0	10	0	10
	The Taylor House	0	0	30	30	0	0	0	0	30	0	30
Totals		52	0	172	224	12	0	0	0	236	0	236
Stokes	Graceland Living Center I	0	0	12	12	0	0	0	0	12	0	12
	Graceland Living Center II	0	0	11	11	0	0	0	0	11	0	11
	Mountain Valley Living Center	0	0	26	26	0	0	0	0	26	0	26
	Priddy Manor Assisted Living	0	0	70	70	0	0	0	0	70	0	70
	Rose Tara Plantation, Inc.	0	0	65	65	0	0	0	0	65	0	65
	Universal Health Care/King	24	0	0	24	0	0	0	0	24	0	24
	Village Care of King	20	0	0	20	0	0	0	0	20	0	20
	Walnut Cove Health and Rehab Center	14	0	0	14	0	0	0	0	14	0	14
	Walnut Ridge Assisted Living	0	0	63	63	0	0	0	0	63	0	63
Totals		58	0	247	305	0	0	0	0	305	0	305
Surry	Central Care, Inc.	0	0	53	53	0	0	0	0	53	0	53
	Colonial Care, Inc.	0	0	54	54	0	0	0	0	54	0	54
	David's House	0	0	65	65	0	0	0	0	65	0	65
	Dunmore Plantation	0	0	60	60	0	0	0	0	60	0	60

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

					INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total	1	License Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	Heritage Care of Elkin	0	0	60	60	0	0	0	C	60	0	60
	Hugh Chatham Memorial Hospital	0	28	0	28	0	0	0	C	28	0	28
	Ridge Crest Retirement, LLC	0	0	28	28	0	0	0	C	28	0	28
	Twelve Oaks	0	0	112	112	0	0	0	C	112	0	112
Totals		0	28	432	460	0	0	0	(460	0	460
Swain	Bryson City Living Center, LLC	0	0	50	50	0	0	0	C	50	0	50
Totals		0	0	50	50	0	0	0	(50	0	50
Transylvania	Cedar Mountain House	0	0	64	64	0	0	0	C	64	0	64
,	Kings Bridge House	0	0	60	60	0	0	0	C	60	0	60
	The Oaks of Brevard	10	0	0	10	0	0	0	C	10	0	10
Totals		10	0	124	134	0	0	0	(134	0	
Union	Autumn Care of Marshville	10	0	0	10	0	0	0	C		0	10
	Brian Center Health & Retirement/Monroe	12	0	0	12	0			-		0	
	Carillon Assisted Living at Indian Trail	.2	0	96	96	0	_		_		0	96
	Clare Bridge at Monroe Square	0	-	65	65	0	-	-	-		0	
	Elizabethan Gardens	0	0	100	100	0	_		_		0	100
	Hillcrest Church Rest Home	0	ů	20	20	0	-	·	-		0	20
	Monroe Manor Rest & Retirement Home, Inc.	0	0	12	12	0	_		_		0	12
	Monroe Manor Rest & Retirement II, Inc.	0	ů	12	12	0	-	·	-		0	12
	Monroe Square Assisted Living Facility	0	0	102	102	0	-		_		0	102
	Union Park	0	Ů	87	87	0	-	-	-		0	87
	Woodridge Assisted Living Facility	0	0	80	80	0					0	80
Totals	Woodridge Assisted Living Facility	22			596	0					0	
Vance	Britthaven of Henderson	23	0	0	23	0	-				0	23
varice	Green-Bullock Assisted Living Center, LLC	0		129	129	0					0	
	Senior Citizen's Home	54	0	0	54	0					0	54
	Woodlawn Retirement Home	0	Ů	12	12	0					0	
T-4-1-	Woodiawii Ketiieiiieiit Home	77	0		218	0				218	0	218
Totals Wake	Averahara Assistad Living of Corner LLC	0		126	126			-			0	126
vvake	Aversboro Assisted Living of Garner, LLC	0		126	126	0					0	
	Brighton Gardens of Raleigh						_					115
	Brookridge Assisted Living, Inc	0		55	55	0	_				0	55
	Carillon Assisted Living-Fuquay Varina	0	0	96	96	0	_				0	96
	Carolina House of Cary	0		80	80	0	_				0	
	Carolina House of Wake Forest	0		70	70	0	_		_		0	70
	Cary Health & Rehabilitation Center	30	0	0	30	0	_				0	
	Chatham Commons	0		80	80	0	_	_	-		0	80
	Clare Bridge of Cary	0		50	50	0	_				0	
	Coventry House of Zebulon	0		60	60	0	_	-	-		0	60
	Dan E. & Mary Louise Stewart/Springmoor	18		0	18	0		_			9	9
	Elmcroft of Northridge	0		161	161	0	_	-	-		0	161
	Falls River Court Memory Care Community	0		38	38	0		_			0	
	Falls River Village Assisted Living Community	0		60	60	0			_		0	60
	Glenaire	9	0	0	9	0		0	C		5	4
	HeartFields at Cary	0	0	97	97	0	0	0	C	97	0	97
	Hillside Nursing Center of Wake Forest	20	0	0	20	0	0	0	C	20	0	20

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

					INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total	I	icense Pend	ling	Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	James Rest Home	0	0	40	40	0	0	0	0	40	0	40
	Lawndale Manor	0	0	62	62	0	0	0	0	62	0	62
	Lee's Long Term Care Facility, Inc.	0	0	65	65	0	0	0	0	65	0	65
	Litchford Falls Healthcare & Rehab. Ctr.	24	0	0	24	0	0	0	0	24	0	24
	Magnolia Glen	0	0	66	66	0	0	0	0	66	0	66
	Morningside of Raleigh	0	0	110	110	0	0	0	0	110	0	110
	Phoenix Assisted Care, LLC	0	0	120	120	0	0	0	0	120	0	120
	Searstone	0	0	0	0	8	0	0	0	8	4	4
	Spring Arbor of Apex LTD Partnership	0	0	76	76	0	0	0	0	76	0	76
	Spring Arbor of Raleigh	0	0	80	80	0	0	0	0	80	0	80
	Sunrise Asst Lvg at North Hills	0	0	160	160	0	0	0	0	160	0	160
	Sunrise of Cary	0	0	85	85	0	0	0	0	85	0	85
	Sunrise of Raleigh	0	0	100	100	0	0	0	0	100	0	100
	The Cardinal @ North Hills	0	0	0	0	45	0	0	0	45	23	22
	The Covington	0	0	120	120	0	0	0	0	120	0	120
	The Laurels of Forest Glenn	20	0	0	20	0	0	0	0	20	0	20
	The Oliver House	0	0	100	100	0	0	0	0	100	0	100
	Universal Health Care Fuquay Varina	31	0	0	31	0	0	0	0	31	0	31
	Universal Healthcare North Raleigh	20	0	0	20	0	0	0	0	20	0	20
	Wake Assisted Living	0	0	60	60	0	0	0	0	60	0	60
	Wake Forest Care Center, Inc.	0	0	80	80	0	0	0	0	80	0	80
	Waltonwood Cary Parkway	0	0	85	85	0	0	0	0	85	0	85
	Wellington Nursing and Rehab Center	20	0	0	20	0	0	0	0	20	0	20
	Windsor Point CCRC	55	0	0	55	0	0	0	0	55	28	27
	Woodland Terrace	0	0	84	84	0	0	0	0	84	0	84
	Zebulon House	0	0	60	60	0	0	0	0	60	0	60
Totals		247	C	2641	2888	53	0	0		2941	69	2872
Warren	Boyd's Rest Home #2	0	0	10	10	0	0	0	0	10	0	10
	Floyd B. McKissick, Sr. Assisted Living Ctr.	0	0	40	40	0	0	0	0	40	0	40
	Magnolia Gardens of Warrenton	0	0	86	86	0	0	0	0	86	0	86
	Warren Hills, A Personal Care & Nursing Facilit	20	0	0	20	0	0	0	0	20	0	20
Totals		20	0	136	156	0	0	0	0	156	0	156
Washington	Cypress Manor	0	0	40	40	0	0	0	0	40	0	40
	Plumblee Nursing Center	9	0	0	9	0	0	0	0	9	0	9
Totals		9	C	40	49	0	0	0		49	0	49
Watauga	Deerfield Ridge Assisted Living	0	0	96	96	0	0	0	0	96	0	96
	Glenbridge Health & Rehab.	20	0	0	20	0	0	0	0	20	0	20
	Mountain Care Facilities, Inc.	0	0	60	60	0	0	0	0	60	0	60
Totals		20	C	156	176	0	0	0	0	176	0	176
Wayne	Britthaven of LaGrange	0	0	37	37	0	0	0	0	37	0	37
	Countryside Living, Inc.	0	0	40	40	0	0	0	0	40	0	40
	Fremont Rest Center	0	0	50	50	0	0	0	0	50	0	50
	Glen Care of Mount Olive	0	0	104	104	0	0	0	0	104	0	104
	Goldsboro Assisted Living & Alzheimer's Care	0	0	56	56	0	0	0	0	56	0	56
	Renu Life Extended, Inc.	0	0	37	37	0	0	0	0	37	0	37

Table 11A: Inventory of Adult Care Home Bed (Fall 2010)

					INVENTOR	Y						
COUNTY		Lic. Beds in	Lic. Beds in	Adult Care	Total		License Pend		Available	Total	Sum of	TOTAL
	Facility Name	Nursing Homes	Hospitals	Homes	Licensed Beds	CON	ACH (Exempt)	ACH (Pipeline)	SMFP	Available	Exclusions	Planning Inventory
	Somerset Court of Goldsboro	0	0	60	60	0	-	0	0	60	0	60
	Sterling House of Goldsboro	0	0	60	60	0	0	0	0	60	0	60
	Sutton's Retirement Center, Inc	0	0	40	40	0	0	0	0	40	0	40
	The Pines at Goldsboro	0	0	104	104	0	0	0	0	104	0	104
	Wayne County Rest Villa No. 1	0	0	12	12	0	0	0	0	12	0	12
	Wayne County Rest Villa No. 2	0	0	12	12	0	0	0	0	12	0	12
	Woodard Care, Inc.	0	0	73	73	0	0	0	0	73	0	73
	Woodard's Retirement Village	0	0	60	60	0	0	0	0	60	0	60
Totals		0	0	745	745	0	0	0	0	745	0	745
Wilkes	Britthaven of Wilkesboro	10	0	0	10	0	0	0	0	10	0	10
	Rose Glen Manor	0	0	0	0	60	0	0	0	60	0	60
	The Village of Wilkes Traditional Living	0	0	72	72	30	0	0	0	102	0	102
	Wilkes County Adult Care, Inc.	0	0	99	99	0	0	0	0	99	0	99
	Wilkes Senior Village	19	0	0	19	0	0	0	0	19	0	19
Totals		29	0	171	200	90	0	0	0	290	0	290
Wilson	Brian Center Health & Rehab/Wilson	12	0	0	12	0	0	0	0	12	0	12
	Britthaven of Wilson	30	0	0	30	0	0	0	0	30	0	30
	Elm City Assisted Living	0	0	58	58	0	0	0	0	58	0	58
	Parkwood Village	0	0	70	70	0	0	0	0	70	0	70
	Spring Arbor of Wilson	0	0	72	72	0	0	0	0	72	0	72
	Wilson Assisted Living	0	0	88	88	0	0	0	0	88	0	88
	Wilson House	0	0	136	136	0	0	0	0	136	0	136
Totals		42	0	424	466	0	0	0	0	466	0	466
Yadkin	Johnson Enterprises of Shelby Inc. d/b/aPiedmo	0	0	50	50	0	0	0	0	50	0	50
	Pinebrook Residential Center #1	0	0	54	54	0	0	0	0	54	0	54
	Pinebrook Residential Center #2	0	0	65	65	0	0	0	0	65	0	65
	The Magnolias Over Yadkin	0	0	20	20	0	0	0	0	20	0	20
Totals		0	0	189	189	0	0	0	0	189	0	189
Yancey	Mountain Manor Assisted Living, LLC	0	0	29	29	0	0	0	0	29	0	29
	Yancey House	0	0	70	70	0	0	0	0	70	0	70
Totals		0	0	99	99	0	0	0	0	99	0	99
Grand Tot	tal	4801	62	36924	41787	984	106	0	380	43257	1078	42179

Table 11B: Adult Care Home Need Projections for 2014 (2011 Plan)

		F	Projected :	2014 Popu	lation		Projec	ted 2014	Bed Uti	lization	Projected Bed	(1) Currently	(2) # License	(3) Exclu-	(4) Planning	(5) Surplus/	(6) Deficit	(7) Occ.	(8) Beds
County	< 35*	35-64	65-74	75-84	85 up	<35*	35-64	65-74	75-84	85+	Utilization Sum	Licensed	Pending	sions	Inventory	"-" = Deficit	Index	Rate <>85	Needed
Alamance	74,264	61,813	12,432	6,777	3,156	9	103	83	153	243	591	658	125	20	763	172			0
Alexander	16,492	16,084	3,770	1,844	625	2	27	25	42	48	144	126	10	0	136	-8	5%		0
Alleghany	4,234	4,598	1,512	928	347	1	8	10	21	27	66	22	40	0	62	-4	6%		0
Anson	11,007	9,991	2,360	1,097	493	1	17	16	25	38	96	113	0	0	113	17			0
Ashe	10,187	11,203	3,359	1,949	840	1	19	22	44	65	151	136	0	0	136	-15	10%	<85	0
Avery	6,990	7,620	1,957	1,188	536	1	13	13	27	41	95	100	0	0	100	5			0
Beaufort	19,865	18,773	5,758	2,972	1,072	2	31	38	67	83	222	167	50	0	217	-5	2%		0
Bertie	8,542	8,015	1,810	1,074	490	1	13	12	24	38	88	105	0	0	105	17			0
Bladen	14,661	11,837	2,859	1,527	601	2	20	19	35	46	121	150	0	0	150	29			0
Brunswick	41,811	49,474	19,589	9,615	2,440	5	83	130	217	188	623	337	0	0	337	-286	46%	<85	0
Buncombe	100,904	100,613	23,426	12,635	6,007	12	168	156	286	463	1,084	1,210	0	89	,	37			0
Burke	39,524	36,286	8,883	4,859	1,913	5	61	59	110	147	382	415	0	24	391	9			0
Cabarrus	95,940	80,674	13,342	6,505	2,540	12	135	89	147	196	578	944	0	12		354			0
Caldwell	34,835	33,568	8,077	4,142	1,572	4	56	54	94	121	329	344	0	0	344	15			0
Camden	3,821	4,087	920	510	213	0	7	6	12	16	41	24	0	0				<85	0
Carteret*	23,500	27,294	9,437	5,157	1,958	3	46	63	117	151	379	248	110	0		-21	5%		0
Caswell	9,003	9,978	2,421	1,206	517	1	17	16	27	40	101	207	0	0		106			0
Catawba	74,897	67,745	14,242	7,060	2,774	9	113	95	160	214	590	724	0	9		125			0
Chatham	27,589	28,548	6,435	3,725	1,980	3	48	43	84	153	331	360	28	94	294	-37		<85	0
Cherokee	9,977	11,092	4,299	2,479	945	1	19	29	56	73	177	24	70	0	94	-83		>85	80
Chowan	6,914	5,322	1,485	908	444	1	9	10	21	34	74	150	0	0	150	76			0
Clay	3,455	4,506	1,842	1145	532	0	8	12	26	41	87	70	0	0	70			<85	0
Cleveland	46,030	39,126	9,248	4,625	1,844	6	65	61	105	142	379	423	0	0	423	44			0
Columbus	27,046	21,756	5,135	2,677	947	3	36	34	61	73	207	225	0	0	225	18			0
Craven*	46,624	34,944	8,471	5,102	1,978	6	58	56	115	152	388	636	0	0	636	248			0
Cumberland*	145,509	123,254	20,003	10,358	3,471	17	206	133	234	268	858	912	0	0	912	54			0
Currituck	8,788	9,344	2,350	1,164	428	1	16	16	26	33	92	90	0	0	90				0
Dare	12,924	13,433	3,817	2,487	854	2	22	25	56	66	171	120	0	0		-51	30%	<85	0
Davidson	74,027	68,868	15,251	7,698	2,957	9	115	101	174	228	627	624	10	20		-13			0
Davie	19,080	18,546	4,248	2,256	968	2	31	28	51	75	187	212	0	0		25			0
Duplin	27,313	21,083	4,116	2,418	903	3	35	27	55	70	190	413	0	0	413	223			0
Durham	152,803	109,859	18,053	8,455	4,549	18	183	120	191	351	864	923	0	32		27			0
Edgecombe	24,228	19,500	4,552	2,221	678	3	33	30	50	52	168	312	0	0		144			0
Forsyth	183,925	147,255	29,745	15,881	7,790	22	246	198	359	600	1,425	2,132	103	92	, -	718			0
Franklin	28,854	27,818	4,954	2,222	843	3	46	33	50	65	198	240	0	0	240	42			0

Average "Combined" Ratios for Beds per 1000 derived based on reported number of patients based on 2006 through 2010 License Renewal Applications.

0.12 Beds/1000 Under Age 35 1.67 Beds/1000 Age 35-64 6.65 Beds/1000 Age 65-74 22.60 Beds/1000 Age 75-84

77.08 Beds/1000 Age 85 up

(1) Number of licensed beds as reported by the Licensure and Certification and Adult Care Licensure Sections.

(2) Number of beds pending licensure per CON decisions; settlement or litigation; exemptions and pipeline beds per the Adult Care Licensure Section; and, unlicensed beds available in prior Plans that have not been CON approved.

(3) One-half number of beds in CCRCs.

- (4) Derived from Currently Licensed plus # license pending minus exclusions
- (5) Derived from comparison of projected bed utilization sum and planning inventory
- (6) Deficit Index ("Deficit" divided by "Projected Utilization")
- (7) Occ. rate </> 85% in counties with "deficit indexes" of 10% or greater based on 2010 Lic. Renewal Applications, excluding CCRCs
- (8) Need based on "Deficit Index" of 10% or greater, average occupancy of 85% per License Renewal Application data and deficit of at least 5 beds. If deficit index is 50% or more, average occupancy is not applicable.

Table 11B: Adult Care Home Need Projections for 2014 (2011 Plan)

		Projected 20	014 Popul	ation			Projec	ted 2014	Bed Uti	lization	Projected Bed	(1) Currently	(2) # License	(3) Exclu-	(4) Planning	(5) Surplus/	(6) Deficit	(7) Occ.	(8) Beds
County	< 35*	35-64	65-74	75-84	85 up	<35*	35-64	65-74	75-84	85+	Utilization Sum	Licensed	Pending	sions	Inventory	"-" = Deficit	Index	Rate <>85	Needed
Gaston	97,248	89,172	18,768	9,306	3,593	12	149	125	210	277	773	1,155	0	33	1,122	349			0
Gates	5,404	4,760	1,195	625	274	1	8	8	14	21	52	10	0	0	10	-42	81%	N/A	40
Graham	3,702	3,104	952	593	232	0	5	6	13	18	43	23	0	0	23	-20	47%	<85	0
Granville	25,889	26,334	4,658	2,360	908	3	44	31	53	70	201	251	0	0	251	50			0
Greene	10,152	9,050	1,779	953	388	1	15	12	22	30	80	57	0	0	57	-23	28%	<85	0
Guilford	242,311	201,894	39,682	19,920	9,467	29	337	264	450	730	1,810	2,388	39	138	2,289	479			0
Halifax	24,145	21,361	4,972	2,661	1,236	3	36	33	60	95	227	145	60	0	205	-22	10%	<85	0
Harnett*	62,084	50,843	8,383	4,162	1,587	7	85	56	94	122	364	690	0	0	690	326			0
Haywood	22,564	23,593	7,335	4,554	1,918	3	39	49	103	148	342	273	50	0	323	-19	5%		0
Henderson	43,895	43,423	13,663	9,191	4,228	5	73	91	208	326	702	593	0	30	563	-139	20%	<85	0
Hertford	10,470	9,388	2,307	1,287	479	1	16	15	29	37	98	173	0	0	173	75			0
Hoke*	26,428	20,043	2,526	1,250	408	3	33	17	28	31	113	173	0	0	173	60			0
Hyde	1,974	2,292	513	338	143	0	4	3	8	11	26	0	0	0	0	-26	100%	N/A	30
Iredell	75,565	71,691	13,537	6,600	2,525	9	120	90	149	195	563	838	0	0	838	275			0
Jackson	18,791	14,060	4,407	2,300	841	2	23	29	52	65	172	145	0	0	145	-27	16%	<85	0
Johnston	90,869	83,591	12,997	5,680	2,002	11	140	86	128	154	520	707	0	0	707	187			0
Jones	4,186	4,080	1016	578	298	1	7	7	13	23	50	20	0	0	20	-30		N/A	30
Lee	30,142	24,111	4,875	2,505	1,110	4	40	32	57	86	218	323	0	0	323	105			0
Lenoir	25,161	21,987	5,265	2,745	945	3	37	35	62	73	210	336	0	0		126			0
Lincoln	35,650	34,793	7,149	3,287	1,060	4	58	48	74	82	266	403	0	0	403	137			0
Macon	13,470	14,085	5,059	3,375	1,400	2	24	34	76	108	243	78	100	0		-65		<85	0
Madison	8,773	8,542	2,356	1,296	520	1	14	16	29	40	100	89	0	0		-11	11%	<85	0
Martin	10,235	9,321	2,391	1,261	373	1	16	16	28	29	90	182	0	0	182	92			0
McDowell	19,372	18,810	4,473	2,534	952	2	31	30	57	73	194	350	0	0	350	156			0
Mecklenburg	460,421	410,910	60,413	25,824	12,099	55	686	402	584	933	2,659	2,684	340	225	2,799	140			0
Mitchell	6,441	6,297	1,953	1,144	477	1	11	13	26	37	87	10	80	0		3			0
Montgomery	13,139	10,858	2,624	1,410	665	2	18	17	32	51	120	240	0	0	240	120			0
Moore*	35,630	34,926	11,226	7,677	3,930	4	58	75	174	303	614	639	0	40		-15	2%		0
Nash	45,985	41,510	8,753	4,179	1,750	6	69	58	94	135	362	522	0	0	522	160			0
New Hanover	87,511	83,893	18,918	10,086	4,158	11	140	126	228	320	825	1,103	0	0	.,	278			0
Northampton	8,964	7,953	2,008	1,227	658	1	13	13	28	51	106	242	0	0	242	136			0
Onslow*	89,381	57,592	9,017	4,968	1,467	11	96	60	112	113	392	438	0	0	438	46			0
Orange	69,790	54,159	9,892	4,246	1,993	8	90	66	96	154	414	478	0	39		25			0
Pamlico	4,664	5,040	1,619	1,086	473	1	8	11	25	36	81	48	0	0		-33	41%	<85	0
Pasquotank	19,091	15,648	3,707	2,208	1,190	2	26	25	50	92	195	266	0	0	266	71		, i	0

Average "Combined" Ratios for Beds per 1000 derived based on reported number of patients based on 2006 through 2010 License Renewal Applications.

0.12 Beds/1000 Under Age 35 1.67 Beds/1000 Age 35-64

6.65 Beds/1000 Age 65-74

22.60 Beds/1000 Age 75-84

77.08 Beds/1000 Age 85 up

(1) Number of licensed beds as reported by the Licensure and Certification and Adult Care Licensure Sections.

(2) Number of beds pending licensure per CON decisions; settlement or litigation; exemptions and pipeline beds per the Adult Care Licensure Section; and, unlicensed beds available in prior Plans that have not been CON approved.

(3) One-half number of beds in CCRCs.

(4) Derived from Currently Licensed plus # license pending minus exclusions

- (5) Derived from comparison of projected bed utilization sum and planning inventory
- (6) Deficit Index ("Deficit" divided by "Projected Utilization")
- (7) Occ. rate </> 85% in counties with "deficit indexes" of 10% or greater based on 2010 Lic. Renewal Applications, excluding CCRCs
- (8) Need based on "Deficit Index" of 10% or greater, average occupancy of 85% per License Renewal Application data and deficit of at least 5 beds. If deficit index is 50% or more, average occupancy is not applicable.

Table 11B: Adult Care Home Need Projections for 2014 (2011 Plan)

		F	Projected :	2014 Popi	ulation		Projec	ted 2014	Bed Utili	zation	Projected Bed	(1) Currently	(2) # License	(3) Exclu-	(4) Planning	(5) Surplus/	(6) Deficit	(7) Occ.	(8) Beds
County	< 35*	35-64	65-74	75-84	85 up	<35*	35-64	65-74	75-84	85+	Utilization Sum	Licensed	Pending	sions	Inventory	"-" = Deficit	Index	Rate <>85	Needed
Pender	23,580	26,089	6,453	3,282	1,178	3	44	43	74	91	254	102	100	0	202	-52	21%	<85	0
Perquimans	5,372	4,939	1,825	1037	429	1	8	12	23	33	78	48	0	0	48	-30	38%	>85	30
Person	16,708	16,783	3,576	1,926	752	2	28	24	44	58	155	214	0	0	214	59			0
Pitt	95,049	61,502	10,855	5,331	2,425	11	103	72	120	187	494	597	0	15	582	88			0
Polk	7,298	7,928	2,461	1,604	918	1	13	16	36	71	137	160	0	37	123	-14	11%	<85	0
Randolph	67,821	60,727	13,319	6,387	2,360	8	101	89	144	182	524	610	0	0	610	86			0
Richmond	22,977	17,261	3,996	2,032	785	3	29	27	46	61	165	219	0	0	219	54			0
Robeson	71,258	49,436	9,481	4,356	1,670	9	83	63	98	129	381	579	0	21	558	177			0
Rockingham	38,964	37,814	9,001	4,775	2,023	5	63	60	108	156	392	419	0	0	419	27			0
Rowan	66,679	58,275	12,339	6,513	3,066	8	97	82	147	236	571	906	0	23		312			0
Rutherford	28,580	25,430	6,359	3,472	1,456	3	42	42	78	112	279	522	0	0	522	243			0
Sampson	32,299	26,199	5,367	2,991	1,198	4	44	36	68	92	243	282	0	0	282	39			0
Scotland	17,757	13,969	3,291	1,434	485	2	23	22	32	37	117	206	0	16		73			0
Stanly	27,630	24,049	5,739	3,075	1,332	3	40	38	69	103	254	224	12	0	236	-18	7%		0
Stokes	19,472	20,461	4,665	2,202	769	2	34	31	50	59	177	305	0	0	305	128			0
Surry	33,256	29,922	7,228	4,113	1,781	4	50	48	93	137	332	460	0	0	460	128			0
Swain	6,593	5,701	1,569	812	277	1	10	10	18	21	60	50	0	0	50	-10	17%	<85	0
Transylvania	11,858	11,691	4,491	2,993	1,391	1	20	30	68	107	226	134	0	0	134	-92	41%	<85	0
Tyrrell	1,680	1,803	368	263	134	0	3	2	6	10	22	0	0	0	0	-22	100%	N/A	20
Union	104,136	94,379	13,708	6,410	2,151	12	158	91	145	166	572	596	0	0	596	24			0
Vance	21,667	16,123	3,330	1,749	729	3	27	22	40	56	147	218	0	0	218	71			0
Wake*	511,294	427,001	56,877	24,353	10,897	61	713	378	550	840	2,543	2,888	53	69	2,872	329			0
Warren	7,980	7,650	1,958	1,340	694	1	13	13	30	53	111	156	0	0	156	45			0
Washington	5,383	4,915	1,418	765	287	1	8	9	17	22	58	49	0	0	49	-9	15%		10
Watauga	23,764	16,190	4,202	2,154	907	3	27	28	49	70	176	176	0	0	176	0	0%		0
Wayne*	55,144	43,845	9,151	5,169	1,791	7	73	61	117	138	396	745	0	0	745	349			0
Wilkes	28,255	27,608	6,999	3,846	1,435	3	46	47	87	111	294	200	90	0	290	-4	1%		0
Wilson	38,958	32,212	6,990	3,727	1,625	5	54	46	84	125	314	466	0	0	466	152			0
Yadkin	16,857	15,251	3,705	2,028	759	2	25	25	46	59	156	189	0	0	189	33			0
Yancey	7,142	7,579	2,278	1,396	631	1	13	15	32	49	109	99	0	0	99	-10	9%		0
NC Totals *	4,600,471	3,995,753	803,545	411,817	172,287	552	6,673	5,344	9,307	13,280	35,155	41,787	1,470	1,078	42,179				240

Average "Combined" Ratios for Beds per 1000 derived based on reported number of patients based on 2006 through 2010 License Renewal Applications.

0.12 Beds/1000 Under Age 35 1.67 Beds/1000 Age 35-64 6.65 Beds/1000 Age 65-74 22.60 Beds/1000 Age 75-84 77.08 Beds/1000 Age 85 up (1) Number of licensed beds as reported by the Licensure and Certification and Adult Care Licensure Sections.

- (2) Number of beds pending licensure per CON decisions; settlement or litigation; exemptions and pipeline beds per the Adult Care Licensure Section; and, unlicensed beds available in prior Plans that have not been CON approved.
- (3) One-half number of beds in CCRCs.
- (4) Derived from Currently Licensed plus # license pending minus exclusions
- (5) Derived from comparison of projected bed utilization sum and planning inventory
- (6) Deficit Index ("Deficit" divided by "Projected Utilization")
- (7) Occ. rate </> 85% in counties with "deficit indexes" of 10% or greater based on 2010 Lic. Renewal Applications, excluding CCRCs
- (8) Need based on "Deficit Index" of 10% or greater, average occupancy of 85% per License Renewal Application data and deficit of at least 5 beds. If deficit index is 50% or more, average occupancy is not applicable.

Table 11C: Adult Care Home Bed Need Determinations

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the counties listed in the table below need additional adult care home beds as specified.

County	HSA	Adult Care Home Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Cherokee	I	80	July 15, 2011	August 1, 2011
Gates	VI	40	February 15, 2011	March 1, 2011
Hyde	VI	30	June 15, 2011	July 1, 2011
Jones	VI	30	June 15, 2011	July 1, 2011
Perquimans	VI	30	February 15, 2011	March 1, 2011
Tyrrell	VI	20	June 15, 2011	July 1, 2011
Washington	VI	10	June 15, 2011	July 1, 2011

It is determined that there is no need for additional adult care home beds anywhere else in the state and no other reviews are scheduled.

^{*} Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).

^{**} Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).

Chapter 12: Home Health Services



North Carolina Department of Health and Human Services Division of Health Service Regulation Medical Facilities Planning Section

2714 Mail Service Center - Raleigh, North Carolina 27699-2714

Beverly Eaves Perdue, Governor Lanier M. Cansler, Secretary Elizabeth K. Brown, Section Chief

Phone: (919) 855-3751 Fax: (919) 733-2757

MEMORANDUM

TO:

Recipients of the North Carolina 2011 State Medical Facilities Plan

FROM:

Elizabeth K. Brown, Chief of Budget and Planning (W)

SUBJECT:

Amendment of North Carolina 2011 State Medical Facilities Plan

DATE:

March 9, 2011

The North Carolina 2011 State Medical Facilities Plan ("2011 Plan") as published indicated a need for four additional Medicare-certified home health agencies or offices in the state as follows:

- one in Guilford County,
- one in Cabarrus County and
- two in Mecklenburg County (Table 12D p. 300 of the 2011 Plan).

A provider called a staff member in late January asking if there might be an error in Table 12C. After close study, the Agency determined that a calculation error occurred in an Excel formula in Table 12C in the column labeled "COG's Average Annual Rate of Change in Use Rate." Correction of the formula error and recalculation of the projected need changed the need for additional Medicare-certified home health agencies or offices for all counties in the state to zero.

Chapter 2 of the 2011 Plan states that:

After the North Carolina State Medical Facilities Plan has been signed by the Governor, it will be amended only as necessary to correct errors or to respond to statutory changes, amounts of legislative appropriations or judicial decisions. The North Carolina State Health Coordinating Council will conduct a public hearing on proposed amendments and will recommend changes it deems appropriate for the Governor's approval.

In accordance with the process outlined in the 2011 Plan for addressing calculation errors in the Plan, a special meeting of the North Carolina State Health Coordinating Council's ("the Council") Long-Term and Behavioral Health Committee was held on February 11, 2011. The purpose of the Committee meeting was to discuss the calculation error and to develop a recommendation to the North Carolina State Health Coordinating Council about whether or not to recommend to the Governor that she amend the 2011 Plan. The Committee vote about the recommendation was tied; the report was presented to the Council at its meeting on March 2, 2011.



The Council held a public hearing on the matter on March 2, 2011; six people spoke against recommending that the 2011 Plan be amended and one person spoke in favor of recommending the amendment. Following the public hearing, the Council discussed the matter and voted to recommend to the Governor that she amend the 2011 Plan. The Council's recommendation was forwarded to Governor Beverly Eaves Perdue on March 2, 2011. The Governor accepted the Council's recommendation on March 8, 2011. This action eliminates the projected need for additional Medicare-certified home health agencies or offices for all counties in the state, as shown in the amendment.

The Governor's letter and the amended Chapter 12 are available for viewing and downloading at http://www.ncdhhs.gov/dhsr/ncsmfp/index.html. Within the Chapter narrative, text or numbers being replaced have a strikeout through them, followed by the added language, underlined. Please insert these new pages into your 2011 Plan. If you purchased multiple copies of the 2011 Plan, please make copies of these amendments for each document. If you have shared copies of the 2011 Plan with colleagues or clients, please provide this information to them as well.

This memorandum and related material will be posted on the Division's website at http://www.ncdhhs.gov/dhsr/ncsmfp/index.html. We urge you to refer to the website regularly for updates or revisions to the Plan. Please contact the Medical Facilities Planning Section at 919-855-3867 if you have questions about the amendment, or the Certificate of Need Section at 919-855-3873 if you have general questions regarding certificates of need.

CHAPTER 12 HOME HEALTH SERVICES

Amendment of Chapter 12, Effective March 8, 2011

The State Health Coordinating Council at its March 2, 2011 meeting voted to recommend to the Governor that she amend the North Carolina 2011 State Medical Facilities Plan to correct calculation errors related to methodology in Table 12C. The Governor accepted the recommendation to amend the North Carolina 2011 State Medical Facilities Plan. The amendment eliminates all need determinations in the state for new Medicare-certified home health agencies and offices that previously were projected in the North Carolina 2011 State Medical Facilities Plan. Table 12A, with totals only for home health patients residing in North Carolina and not in Virginia and other localities, is included with amended Tables 12B and 12C.

Summary of Medicare-certified Home Health Agency Supply and Utilization

In the fall of 2010, the North Carolina Division of Health Service Regulation reported 214 Medicare-certified home health agencies in North Carolina.

Data from the "Home Health Agency 2010 Annual Data Supplements" indicated a total of 194,541 194,430 home health patients were served during 2009 (*FY 2008-2009*). This represents a 0.36 0.42 percent decrease in the reported number of patients from 2008. Compared to 2008 data, the average "State Use Rates per 1000 Population" decreased for all age groups, as follows:

Age Group	2008 Use Rate	2009 Use Rate
Under Age 18	3.12	2.82
Ages 18-64	10.67	10.46 <u>10.61</u>
Ages 65-74	64.12	61.68 <u>61.66</u>
Ages 75 & Over	169.40	159.64 <u>159.55</u>

Changes from the Previous Plan

No substantive changes have been made in the home health policy, assumptions or methodology. For the North Carolina <u>2011 State Medical Facilities Plan</u> references to dates have been advanced one year.

Basic Assumptions of the Method

Assumptions underlying the projection of need for new Medicare-certified home health agencies or offices are as follows:

1. The target for projections should be one year beyond the Plan year, to allow time for completion of the certificate of need review cycles and for staffing of new agencies or offices.

- 2. Data aggregation and projections should be accomplished by four age groups (*Under Age 18, Ages 18-64, Ages 65-74, and Ages 75 and Over*) to allow more definitive examination of trends in services to children and to senior adults.
- 3. Current age-specific use rates are the most valid basis for projection of future "need."
- 4. Because previous year's data are used as the basis for projections, the average annual rate of change in "number of patients served" should be calculated over the previous three years for each age group in each Council of Governments (COG) region and applied to current reported total number of patients served from each county within each COG region, to project changes in the capacity of existing agencies to serve people from each county by the target year.
- 5. Likewise, the average annual rate of change in "use rates per 1000 population" should be calculated over the previous three years for each age group in each COG region and applied to current "use rates per 1000 population" for each county within each COG region to project changes in the number of potential people needing home health services by the target year.
- 6. A new agency or office is needed if the projected unmet need in a single county is 275 patients or more.
- 7. When the need for additional agencies or offices is determined by the standard methodology or policy in the State Medical Facilities Plan, the three annual Plans following certification of the agencies or offices based on that need (during the time when the new agencies or offices are being established and are developing their services) should count the greater of 275 patients for each new agency office or the actual number of patients served by the new agency office as part of the total people served.
- 8. The North Carolina State Health Coordinating Council encourages home health applicants to:
 - a. provide an expanded scope of services (including nursing, physical therapy, speech therapy, and home health aide service);
 - b. provide the widest range of treatments within a given service;
 - c. have the ability to offer services on a seven days per week basis as required to meet patient needs; and,
 - d. address special needs populations.

Sources of Data

Population:

County population projections by age group for 2012 were obtained from the North Carolina Office of State Budget and Management.

Estimated active duty military population numbers were excluded from the 18-64 age group for any county with more than 500 active duty military personnel. These estimates were obtained from the "Selected Economic Characteristics" portion of the 2000 Census, under the category of "Employment Status – Armed Forces."

Utilization:

Patient origin data were compiled from "Home Health Agency 2010 Annual Data Supplement(s) to License Application" as submitted by Medicare-certified home health agencies to the North Carolina Department of Health and Human Services, Division of Health Service Regulation.

Application of the Standard Methodology

Steps in applying the projection method are as follows:

- Step 1: For each COG region, for each age group, calculate the "Average Annual Rate of Change in Number of Home Health Patients" over the previous three years.
- Step 2: For each COG region, for each age group, calculate the "Average Annual Rate of Change in Use Rates per 1000 Population" over the previous three years.
- Step 3: For each county, for each age group, total the number of home health patients served in 2009 as reported from agencies' "Home Health Agency 2010 Annual Data Supplement(s) to License Application."
- Step 4: For each county, multiply the "Average Annual Rate of Change in Number of Home Health Patients" for each age group from the affiliated COG region, times the number of patients for each age group from Step 3.
- Step 5: Multiply the product from Step 4 by three (to advance by three years), and add that product to the base figure from Step 3 for each age group. The result is the anticipated number of patients who might be served by existing agencies in 2012 for each age group.
- Step 6: For each county, for each age group, divide the number of patients served in 2009 by the county's population (*in 1000's for each age group*). This produces use rates per 1000 population for the county.
- Step 7: Multiply the "Average Annual Rate of Change in Use Rate per 1000 Population" for each age group from the affiliated COG region times the county use rates per 1000 population for each age group from Step 6.

- Step 8: Multiply the product from Step 7 by three (*to advance by three years*), and add that product to the base figure from Step 6 for each age group. The result is the anticipated use rate per 1000 population in 2012 for each age group.
- Step 9: For each age group, multiply the anticipated use rate per 1000 population for 2012 times the projected 2012 population. The result is the potential number of home health patients in 2012.
- Step 10: In counties for which additional home health agency office need determinations were made by the standard methodology or policy (see the seventh "Basic Assumption"), determine the difference between 275 and the number of patients actually served by each new agency in the county for which a need determination was made. If a new agency office served more than 275 clients, the agency's reported number of patients is not adjusted. If a new agency office served fewer than 275 clients, an adjustment "placeholder" equal to the difference between the reported number of home health patients and 275 is used.
- Step 11: For each county, sum the anticipated number of patients who may be served in 2012 (*from Step 5*) across all four age groups and the adjustment placeholder (*from Step 10*), if applicable. The result is an "Adjusted Potential Total People Served" for each county for 2012.
- Step 12: For each county, sum the potential number of home health patients in 2012 (*from Step 9*) across all four age groups. The result is the "Projected Utilization in 2012."
- Step 13: For each county, subtract the "Projected Utilization in 2012" from the "Adjusted Potential Total People Served." The remainder is the projected additional number of home health patients who will need home health services in 2012 (unmet need shows as a negative number of patients, <u>i.e.</u>, a "patient deficit").
- Step 14: For each county, need for one new Medicare-certified agency office is determined for each <u>projected</u> deficit of 275 patients. (A Medicare-certified home health agency office's service area is the Medicare-certified home health agency office planning area in which the office is located. Each of the 100 counties in the state is a separate Medicare-certified home health agency office planning area.)

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
	Advanced Home Care	Alamance	Alamance	20	39	172	80	222	315	221	1069	291	536
	Life Path Home Health	Alamance	Alamance	18	14	46	60	71	101	76	386	120	177
HC0952	Gentiva Health Services	Guilford	Alamance	1	8	69	36	78	115	77	384	113	192
HC0134	Amedisys Home Health	Alamance	Alamance	1	11	35	26	69	118	92	352	72	210
HC0303	CareSouth Homecare Professionals	Guilford	Alamance	1	2	19	13	30	85	120	270	34	205
	UNC Home Health	Orange	Alamance	0	19	57	28	57	47	24	232	104	71
HC1177	Liberty Home Care	Guilford	Alamance	0	5	25	6	38	65	58	197	36	123
HC0360	Duke Home Health	Durham	Alamance	5	12	33	16	23	17	7	113	61	24
HC0354	Home Health Professionals	Person	Alamance	0	4	5	9	9	13	9	49	18	22
HC1176	Liberty Home Care	Durham	Alamance	0	4	8	6	18	9	4	49	18	13
HC0489	Caswell County Home Health	Caswell	Alamance	18	8	11	2	3	1	2	45	21	3
HC0918	Heartland Home Health Care	Wake	Alamance	0	0	0	0	1	12	8	21	0	20
HC0297	Advanced Home Care	Guilford	Alamance	0	1	2	0	4	3	9	19	3	12
HC1885	Interim HealthCare of the Triad	Guilford	Alamance	0	0	0	2	2	3	0	7	2	3
HC1286	Home Health Professionals	Guilford	Alamance	0	0	1	0	4	2	0	7	1	2
HC0929	CareSouth Homecare Professionals	Randolph	Alamance	0	0	0	0	0	2	2	4	0	4
HC0528	Liberty Home Care	Chatham	Alamance	0	0	0	0	2	0	1	3	0	1
HC0166	Amedisys Home Health of Chapel Hill	Orange	Alamance	0	1	1	0	1	0	0	3	2	0
HC0217	Advanced Home Care	Rockingham	Alamance	0	0	0	0	1	1	0	2	0	1
HC0399	Advanced Home Care	Rowan	Alamance	0	0	0	0	1	1	0	2	0	1
HC0374	Hospice and Palliative Care of Greensboro	Guilford	Alamance	1	0	0	0	0	0	0	1	0	0
		A	lamance Total	65	128	484	284	634	910	710	3,215	896	1,620
HC0476	Alexander County Home Health	Alexander	Alexander	22	15	54	25	66	84	77	343	94	161
HC0227	Gentiva Health Services	Catawba	Alexander	0	15	56	25	57	71	41	265	96	112
HC0057	Guardian Health Services	Catawba	Alexander	11	4	18	6	23	35	13	110	28	48
	Iredell Home Health	Iredell	Alexander	5	6	17	6	12	25	17	88	29	42
HC0490	Catawba County Home Health	Catawba	Alexander	3	3	12	2	8	9	2	39	17	11
HC1902	Interim HealthCare of the Triad	Catawba	Alexander	1	3	8	4	1	3	1	21	15	4
HC0159	Gentiva Health Services	Iredell	Alexander	0	1	3	2	2	1	0	9	6	1
HC0272	Total Care Home Health	Catawba	Alexander	0	0	2	2	2	0	0	6	4	0
HC0487	Caldwell County Home Health	Caldwell	Alexander	0	1	0	0	0	1	0	2	1	1
HC1325	Lake Norman Regional Medical Center-Home Care	Iredell	Alexander	0	0	0	0	0	1	0	1	0	1
		Al	exander Total	42	48	170	72	171	230	151	884	290	381
HC0478	High Country Health Care System	Alleghany	Alleghany	0	11	26	15	59	59	58	228	52	117
HC0420	Liberty Home Care	Surry	Alleghany	2	0	5	2	2	3	4	18	7	7
		A	lleghany Total	2	11	31	17	61	62	62	246	59	124

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
	Liberty Home Care	Anson	Anson	0	8	52	29	61	70	78	298	89	148
	Total Care Home Health	Union	Anson	0	6	20	18	23	36	39	142	44	75
HC2404	Home Care of the Carolinas	Montgomery	Anson	18	6	19	20	21	23	25	132	45	48
HC1238	Union Regional Home Care	Union	Anson	1	11	24	9	23	21	11	100	44	32
HC0308	Home Care of the Carolinas	Stanly	Anson	2	2	2	0	6	4	8	24	4	12
HC0403	HealthKeeperz	Scotland	Anson	4	5	4	1	2	4	3	23	10	7
HC0423	FirstHealth Home Care-Richmond	Richmond	Anson	0	0	0	0	2	0	0	2	0	0
HC0787	Gentiva Health Services	Mecklenburg	Anson	0	0	0	1	0	0	0	1	1	0
			Anson Total	25	38	121	78	138	158	164	722	237	322
HC0479	High Country Health Care System	Ashe	Ashe	0	10	41	25	87	123	115	401	76	238
HC1544	ARHS Home Health	Watauga	Ashe	4	4	26	13	24	19	13	103	43	32
			Ashe Total	4	14	67	38	111	142	128	504	119	270
HC0317	Avery County Home Health Agency	Avery	Avery	8	10	52	33	131	165	118	517	95	283
HC1544	ARHS Home Health	Watauga	Avery	0	4	4	2	2	8	8	28	10	16
			Avery Total	8	14	56	35	133	173	126	545	105	299
HC0329	Tar Heel Home Health	Beaufort	Beaufort	0	18	111	66	123	175	137	630	195	312
HC1634	Beaufort Regional Home Health	Beaufort	Beaufort	0	8	60	42	112	94	41	357	110	135
HC0379	Hydeland Home Care Agency	Hyde	Beaufort	5	4	11	5	13	29	21	88	20	50
HC1443	University Health Systems Home Health & Hospice	Pitt	Beaufort	2	5	29	7	21	11	1	76	41	12
HC0509	3НС	Pitt	Beaufort	0	0	0	0	0	1	1	2	0	2
			Beaufort Total	7	35	211	120	269	310	201	1,153	366	511
HC1052	University Health Systems Home Health & Hospice	Bertie	Bertie	1	23	58	27	71	82	62	324	108	144
HC0480	Bertie County Home Health	Bertie	Bertie	2	11	24	10	44	43	43	177	45	86
HC0504	Hertford-Gates Home Health	Hertford	Bertie	3	6	28	6	23	52	34	152	40	86
HC0329	Tar Heel Home Health	Beaufort	Bertie	0	0	2	0	1	0	0	3	2	0
			Bertie Total	6	40	112	43	139	177	139	656	195	316
HC0481	Bladen County Home Health	Bladen	Bladen	11	27	71	28	76	82	46	341	126	128
HC0309	Liberty Home Care	Bladen	Bladen	2	14	92	33	66	80	42	329	139	122
HC1231	Well Care Home Health	New Hanover	Bladen	6	7	32	11	35	25	19	135	50	44
HC1185	HealthKeeperz	Robeson	Bladen	12	6	13	7	21	18	7	84	26	25
HC1500	Assisted Care Home Health	Brunswick	Bladen	0	2	6	3	13	18	6	48	11	24
HC3421	Native Angels Home Health	Cumberland	Bladen	2	3	15	3	10	10	5	48	21	15
HC0492	Columbus County Home Health	Columbus	Bladen	1	3	8	5	6	11	5	39	16	16
HC0320	Liberty Home Care	Columbus	Bladen	0	0	1	0	0	3	5	9	1	8
HC0532	Pender Home Health	Pender	Bladen	0	0	2	1	2	2	2	9	3	4
HC0283	Cape Fear Valley Home Care and Hospice	Cumberland	Bladen	6	0	1	0	1	0	0	8	1	0

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75 +
HC0235	Southeastern Home Health	Robeson	Bladen	0	1	1	1	1	3	0	7	3	3
HC0257	Sampson Home Health	Sampson	Bladen	1	0	0	0	0	1	1	3	0	2
HC0255	3НС	Sampson	Bladen	0	0	1	0	0	0	0	1	1	0
HC1241	Liberty Home Care	Pender	Bladen	0	1	0	0	0	0	0	1	1	0
		I	Bladen Total	41	64	243	92	231	253	138	1,062	399	391
HC0288	Liberty Home Care	Brunswick	Brunswick	8	54	187	154	407	397	223	1430	395	620
HC1231	Well Care Home Health	New Hanover	Brunswick	64	49	147	119	231	245	190	1045	315	435
HC1500	Assisted Care Home Health	Brunswick	Brunswick	15	23	81	60	203	142	73	597	164	215
HC0196	Liberty Home Care	New Hanover	Brunswick	0	12	16	15	36	27	33	139	43	60
HC0532	Pender Home Health	Pender	Brunswick	1	3	11	6	12	13	8	54	20	21
		Br	unswick Total	88	141	442	354	889	824	527	3,265	937	1,351
HC0114	Care Partners Home Health Services	Buncombe	Buncombe	127	139	612	321	745	1037	661	3642	1072	1698
HC2114	Tar Heel Home Health	Buncombe	Buncombe	2	45	136	54	159	235	202	833	235	437
	Care Partners Home Health Services	Henderson	Buncombe	0	14	51	25	52	82	83	307	90	165
HC0911	Park Ridge Home Health	Henderson	Buncombe	2	13	51	16	62	51	59	254	80	110
HC0279	Care Partners Home Health Services	Haywood	Buncombe	0	4	34	13	45	34	32	162	51	66
HC0419	Madison Home Care and Hospice	Madison	Buncombe	0	1	4	3	1	12	3	24	8	15
HC0201	Pardee Home Care	Henderson	Buncombe	0	0	3	1	4	1	0	9	4	1
			ncombe Total	131	216	891	433	1,068	1,452	1,040	5,231	1,540	2,492
HC0105	Blue Ridge Home Care						121	308	402				
		Burke	Burke	1	71	263				237	1403	455	639
HC0272	Total Care Home Health	Catawba	Burke Burke	0	13	66	49	89	97	63	377	128	160
HC0272 HC0057	Total Care Home Health Guardian Health Services			0 36	13 22	66 56	49 22	89 60	97 63	63 35	377 294	128 100	160 98
HC0272 HC0057	Total Care Home Health Guardian Health Services	Catawba	Burke	0	13	66	49 22 6	89	97	63 35 4	377	128	160
HC0272 HC0057	Total Care Home Health Guardian Health Services Catawba County Home Health	Catawba Catawba	Burke Burke	0 36	13 22	66 56	49 22	89 60	97 63	63 35	377 294	128 100	160 98
HC0272 HC0057 HC0490	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad	Catawba Catawba Catawba	Burke Burke	0 36 20	13 22 4	66 56 11	49 22 6	89 60 5	97 63 7	63 35 4	377 294 57	128 100 21 31 6	160 98 11 8 6
HC0272 HC0057 HC0490 HC1902	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services	Catawba Catawba Catawba Catawba	Burke Burke Burke	0 36 20 6	13 22 4 6	66 56 11 18	49 22 6 7	89 60 5 8	97 63 7 5	63 35 4 3	377 294 57 53	128 100 21 31	160 98 11 8
HC0272 HC0057 HC0490 HC1902 HC0227	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services	Catawba Catawba Catawba Catawba Catawba	Burke Burke Burke Burke	0 36 20 6	13 22 4 6 0	66 56 11 18 6	49 22 6 7 0	89 60 5 8 4	97 63 7 5	63 35 4 3 3	377 294 57 53 16	128 100 21 31 6	160 98 11 8 6
HC0272 HC0057 HC0490 HC1902 HC0227 HC0487	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services Caldwell County Home Health	Catawba Catawba Catawba Catawba Catawba Catawba Catawba	Burke Burke Burke Burke Burke Burke	0 36 20 6 0	13 22 4 6 0	66 56 11 18 6 4	49 22 6 7 0	89 60 5 8 4 2	97 63 7 5 3 4	63 35 4 3 3 0	377 294 57 53 16	128 100 21 31 6 5	160 98 11 8 6 4
HC0272 HC0057 HC0490 HC1902 HC0227 HC0487 HC0186	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services Caldwell County Home Health Carolina Home Care Gentiva Health Services	Catawba Catawba Catawba Catawba Catawba Catawba Caldwell Rutherford Iredell	Burke	0 36 20 6 0 0 1	13 22 4 6 0 1 0 0	66 56 11 18 6 4 0 0	49 22 6 7 0 0 0 0 205	89 60 5 8 4 2 0 1	97 63 7 5 3 4 0 0 581	63 35 4 3 3 0 0 0 0 345	377 294 57 53 16 11 1 2,213	128 100 21 31 6 5 0 0	160 98 11 8 6 4 0 0 926
HC0272 HC0057 HC0490 HC1902 HC0227 HC0487 HC0186 HC0159	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services Caldwell County Home Health Carolina Home Care Gentiva Health Services Advanced Home Care	Catawba Catawba Catawba Catawba Catawba Catawba Catawba Caldwell Rutherford	Burke Burke Burke Burke Burke Burke Burke Burke Cabarrus	0 36 20 6 0 0 1 0 64	13 22 4 6 0 1 0 0 117 70	66 56 11 18 6 4 0 0 424 294	49 22 6 7 0 0 0 205	89 60 5 8 4 2 0 1 477 326	97 63 7 5 3 4 0 0 581 314	63 35 4 3 3 0 0 0 0 345	377 294 57 53 16 11 1 2,213	128 100 21 31 6 5 0 0 746 504	160 98 11 8 6 4 0 0 926 498
HC0272 HC0057 HC0490 HC1902 HC0227 HC0487 HC0186 HC0159	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services Caldwell County Home Health Carolina Home Care Gentiva Health Services	Catawba Catawba Catawba Catawba Catawba Catawba Caldwell Rutherford Iredell	Burke	0 36 20 6 0 0 1 0 64 17	13 22 4 6 0 1 0 117 70 50	66 56 11 18 6 4 0 0 424 294	49 22 6 7 0 0 0 0 205 140 88	89 60 5 8 4 2 0 1 477 326 216	97 63 7 5 3 4 0 0 581 314 313	63 35 4 3 3 0 0 0 0 345	377 294 57 53 16 11 1 2,213 1345 1113	128 100 21 31 6 5 0 0 746 504 302	160 98 11 8 6 4 0 0 926 498 594
HC0272 HC0057 HC0490 HC1902 HC0227 HC0186 HC0159 HC0270 HC0270	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services Caldwell County Home Health Carolina Home Care Gentiva Health Services Advanced Home Care Gentiva Health Services Cabarrus Health Alliance/Home Health	Catawba Catawba Catawba Catawba Catawba Caldwell Rutherford Iredell Cabarrus	Burke Burke Burke Burke Burke Burke Burke Burke Cabarrus Cabarrus	0 36 20 6 0 0 1 0 64 17 1 157	13 22 4 6 0 1 0 0 117 70 50 25	66 56 11 18 6 4 0 0 424 294 164	49 22 6 7 0 0 0 0 205 140 88 47	89 60 5 8 4 2 0 1 477 326 216	97 63 7 5 3 4 0 0 581 314 313 236	63 35 4 3 3 0 0 0 345 184 281 261	377 294 57 53 16 11 1 2,213 1345 1113 874	128 100 21 31 6 5 0 0 746 504 302 171	160 98 11 8 6 4 0 0 926 498 594 497
HC0272 HC0057 HC0490 HC1902 HC0227 HC0186 HC0159 HC0281 HC0270 HC0486	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services Caldwell County Home Health Carolina Home Care Gentiva Health Services Advanced Home Care Gentiva Health Services	Catawba Catawba Catawba Catawba Catawba Caldwell Rutherford Iredell Cabarrus Rowan	Burke Burke Burke Burke Burke Burke Burke Cabarrus	0 36 20 6 0 0 1 0 64 17 1 1 57	13 22 4 6 0 1 0 117 70 50 25	66 56 11 18 6 4 0 0 424 294 164 99 22	49 22 6 7 0 0 0 205 140 88 47	89 60 5 8 4 2 0 1 477 326 216 149 25	97 63 7 5 3 4 0 0 581 314 313 236	63 35 4 3 3 0 0 0 345 184 281 261 17	377 294 57 53 16 11 1 2,213 1345 1113 874 124	128 100 21 31 6 5 0 0 746 504 302 171 43	160 98 11 8 6 4 0 0 926 498 594 497
HC0272 HC0057 HC0490 HC1902 HC0227 HC0487 HC0186 HC0159 HC0281 HC0270 HC0486 HC0308	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services Caldwell County Home Health Carolina Home Care Gentiva Health Services Advanced Home Care Gentiva Health Services Cabarrus Health Alliance/Home Health	Catawba Catawba Catawba Catawba Catawba Caldwell Rutherford Iredell Cabarrus Rowan Cabarrus	Burke Burke Burke Burke Burke Burke Burke Burke Cabarrus Cabarrus	0 36 20 6 0 0 1 0 64 17 1 157	13 22 4 6 0 1 0 0 117 70 50 25	66 56 11 18 6 4 0 0 424 294 164	49 22 6 7 0 0 0 0 205 140 88 47	89 60 5 8 4 2 0 1 477 326 216	97 63 7 5 3 4 0 0 581 314 313 236 29	63 35 4 3 3 0 0 0 345 184 281 261	377 294 57 53 16 11 1 2,213 1345 1113 874	128 100 21 31 6 5 0 0 746 504 302 171	160 98 11 8 6 4 0 0 926 498 594 497
HC0272 HC0057 HC0490 HC1902 HC0227 HC0487 HC0186 HC0159 HC0270 HC0486 HC0308 HC1038	Total Care Home Health Guardian Health Services Catawba County Home Health Interim HealthCare of the Triad Gentiva Health Services Caldwell County Home Health Carolina Home Care Gentiva Health Services Advanced Home Care Gentiva Health Services Cabarrus Health Alliance/Home Health Home Care of the Carolinas	Catawba Catawba Catawba Catawba Catawba Caldwell Rutherford Iredell Cabarrus Rowan Cabarrus Stanly	Burke Burke Burke Burke Burke Burke Burke Cabarrus Cabarrus Cabarrus	0 36 20 6 0 0 1 0 64 17 1 1 57	13 22 4 6 0 1 0 117 70 50 25	66 56 11 18 6 4 0 0 424 294 164 99 22	49 22 6 7 0 0 0 205 140 88 47	89 60 5 8 4 2 0 1 477 326 216 149 25	97 63 7 5 3 4 0 0 581 314 313 236	63 35 4 3 3 0 0 0 345 184 281 261 17	377 294 57 53 16 11 1 2,213 1345 1113 874 124	128 100 21 31 6 5 0 0 746 504 302 171 43	160 98 11 8 6 4 0 0 926 498 594 497

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75 +
	Advanced Home Care	Mecklenburg	Cabarrus	0	1	8	3	2	2	2	18	12	4
HC0357	Home Health Professionals	Rowan	Cabarrus	0	0	2	1	0	1	0	4	3	1
HC0369	Hospice and Palliative Care Charlotte	Mecklenburg	Cabarrus	4	0	0	0	0	0	0	4	0	0
HC0124	Liberty Home Care	Davidson	Cabarrus	0	0	0	0	1	1	1	3	0	2
HC0787	Gentiva Health Services	Mecklenburg	Cabarrus	0	0	0	0	2	0	0	2	0	0
HC0297	Advanced Home Care	Guilford	Cabarrus	0	0	1	1	0	0	0	2	2	0
HC0495	Amedisys Home Health of Lexington	Davidson	Cabarrus	0	0	0	0	2	0	0	2	0	0
HC0355	Home Health Professionals	Mecklenburg	Cabarrus	0	0	0	0	0	1	0	1	0	1
HC1325	Lake Norman Regional Medical Center-Home Care	Iredell	Cabarrus	0	0	0	0	0	0	0	0	0	0
		C	abarrus Total	103	161	637	319	756	931	766	3,673	1,117	1,697
HC0057	Guardian Health Services	Catawba	Caldwell	60	28	105	41	150	160	100	644	174	260
HC0272	Total Care Home Health	Catawba	Caldwell	0	16	107	45	100	114	89	471	168	203
HC0487	Caldwell County Home Health	Caldwell	Caldwell	7	29	64	52	88	133	98	471	145	231
HC0227	Gentiva Health Services	Catawba	Caldwell	0	9	35	16	62	51	36	209	60	87
HC0490	Catawba County Home Health	Catawba	Caldwell	12	6	17	17	29	36	16	133	40	52
HC0105	Blue Ridge Home Care	Burke	Caldwell	1	8	28	10	30	29	14	120	46	43
HC1902	Interim HealthCare of the Triad	Catawba	Caldwell	3	2	28	14	11	0	1	59	44	1
HC1544	ARHS Home Health	Watauga	Caldwell	0	0	0	1	0	2	0	3	1	2
HC0476	Alexander County Home Health	Alexander	Caldwell	1	0	0	0	0	1	0	2	0	1
			Caldwell Total	84	98	384	196	470	526	354	2,112	678	880
	Albemarle Home Care	Camden	Camden	3	4	15	11	22	29	15	99	30	44
	Sentara Home Care Services	Pasquotank	Camden	1	2	13	12	16	5	1	50	27	6
HC0471	Albemarle Home Care	Pasquotank	Camden	0	0	1	0	0	1	0	2	1	1
HC0475	Albemarle Home Care	Currituck	Camden	0	0	0	0	1	0	0	1	0	0
			Camden Total	4	6	29	23	39	35	16	152	58	51
	Carteret Home Health Services	Carteret	Carteret	16	26	99	39	150	205	118	653	164	323
	Tar Heel Home Health	Carteret	Carteret	0	16	90	34	118	171	125	554	140	296
	Liberty Home Care	Carteret	Carteret	2	9	87	55	85	90	56	384	151	146
	Carolina East Home Care	Craven	Carteret	0	0	11	2	9	10	3	35	13	13
	Tar Heel Home Health	Jones	Carteret	0	0	3	0	5	2	1	11	3	3
	Liberty Home Care	Onslow	Carteret	0	0	0	2	1	0	1	4	2	1
	Continuum Home Care and Hospice	Onslow	Carteret	0	1	1	0	0	0	0	2	2	0
HC0506		Jones	Carteret	0	0	1	0	1	0	0	2	1	0
HC0493	Craven County Health Dept. Home Health-Hospice		Carteret	0	0	0	1	0	0	0	1	1	0
1100105			Carteret Total	18	52	292	133	369	478	304	1,646	477	782
HC0489	Caswell County Home Health	Caswell	Caswell	9	20	96	39	80	109	75	428	155	184

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

HC0217 Advanced Home Care Rockingham Caswell 2 3 18 8 18 25 9 83 29 HC0229 Advanced Home Care Alamance Caswell 0 3 10 5 18 11 7 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 10 17 54 18 18 18 18 18 11 7 54 18 18 18 18 18 18 11 7 54 18 18 18 18 18 18 18 1			Facility	Resident										
HC0249 Advanced Home Care Alamance Caswell 0	Lic.#	Name			< 18	18-40	41-59	60-64	65-74		85 and >	Total	18-64	75+
HC0134 Amedisys Home Health Porfessionals Person Caswell 0 1 9 3 9 11 7 40 13 14 10 12 9 38 7 14 10 12 9 38 7 14 10 12 10 12 9 38 7 14 10 15 14 15 15 15 15 15 15			Rockingham											34
HC0354 Home Health Professionals	HC0249	Advanced Home Care	Alamance	Caswell		3							18	18
HC0361 Life Path Home Health	HC0134	Amedisys Home Health	Alamance	Caswell		1	9		9	11	7	40	13	18
HC1177 Liberty Home Care Guilford Caswell 0 0 2 1 1 1 1 0 5 3 HC0533 Home Health and Hospice of Person Co Person Caswell 1 0 1 0 0 1 1 1 4 1 HC060 Duke Home Health Durham Caswell 0 0 2 2 0 0 0 0 0 0	HC0354	Home Health Professionals	Person	Caswell	0	1	4	2	10	12	9	38	7	21
HC0533 Home Health and Hospice of Person Co Person Caswell 1 0 1 0 0 1 1 1 4 1 HC0560 Duke Home Health Durham Caswell 0 0 2 0 0 0 0 0 2 2	HC0361	Life Path Home Health	Alamance	Caswell	3	1	1	3	4	5	4	21	5	9
HC0256 Duke Home Health	HC1177	Liberty Home Care	Guilford	Caswell	0	0	2	1	1	1	0	5	3	1
HCO297	HC0533	Home Health and Hospice of Person Co	Person	Caswell	1	0	1	0	0	1	1	4	1	2
Catawba County Home Health	HC0360	Duke Home Health	Durham	Caswell	0	0	2	0	0	0	0	2	2	0
HCO490 Catawba County Home Health	HC0297	Advanced Home Care	Guilford	Caswell	1	0	0	0	0	0	0	1	0	0
HC0057 Guardian Health Services Catawba Catawba				Caswell Total	16	29	143	61	140	175	112	676	233	287
HC0272 Total Care Home Health			Catawba	Catawba	71	98	173	87	182	219	154	984	358	373
HCO227 Gentiva Health Services Catawba	HC0057	Guardian Health Services	Catawba	Catawba	67	54	143	82	217	268	137	968	279	405
HC1902 Interim HealthCare of the Triad Catawba Catawba 12 21 80 37 35 31 11 227 138 HC1015 Blue Ridge Home Care Burke Catawba 0 9 13 1 15 3 4 45 23 HC1325 Lake Norman Regional Medical Center-Home Care Iredell Catawba 0 3 6 4 12 7 8 40 13 HC0515 Iredell Home Health Iredell Catawba 2 6 5 6 9 2 4 34 17 HC0355 Emerald Care Gaston Catawba 0 0 1 0 1 4 4 10 1 HC0159 Gentiva Health Services Iredell Catawba 0 0 0 1 2 1 3 7 1 HC0476 Alexander County Home Health Alexander Catawba 2 0 0 1 1 1 0 5 1 HC0476 Advanced Home Care Gaston Catawba 1 0 1 0 0 0 0 2 4 1 HC0487 Caldwell County Home Health Caldwell Catawba 2 0 0 0 0 0 0 0 0 4 2 1 1 3 2 1 1 1 1 1 1 1 1 1	HC0272	Total Care Home Health	Catawba	Catawba	0	31	153	77	187	247	212	907	261	459
HC0105 Blue Ridge Home Care Burke Catawba 0 9 13 1 15 3 4 45 23 HC1325 Lake Norman Regional Medical Center-Home Care Iredell Catawba 0 3 6 4 12 7 8 40 13 HC0515 Iredell Home Health Iredell Catawba 2 6 5 6 9 2 4 34 17 HC0353 Emerald Care Gaston Catawba 0 0 0 1 0 1 4 4 10 1 HC0159 Gentiva Health Services Iredell Catawba 0 0 0 0 1 2 1 3 7 1 HC0476 Alexander County Home Health Alexander Catawba 2 0 0 1 1 1 1 0 5 1 HC096 Advanced Home Care Gaston Catawba 1 0 1 0 0 0 0 2 4 1 HC0476 Caldwell County Home Health Caldwell Catawba 2 0 2 0 0 0 0 0 2 4 1 HC0487 Caldwell County Home Health Caldwell Catawba 2 0 0 0 0 0 0 0 4 2 HC0135 Healthy@Home-Carolinas Medical Center Lincoln Lincoln Catawba 0 0 0 0 0 0 0 1 3 2 HC0356 Home Health Professionals Gaston Catawba 0 0 0 1 0 0 0 0 1 1	HC0227	Gentiva Health Services	Catawba	Catawba	0	43	128	71	180	252	170	844	242	422
HC1325 Lake Norman Regional Medical Center-Home Care Iredell Catawba 0 3 6 4 12 7 8 40 13 HC0515 Iredell Home Health Iredell Catawba 2 6 5 6 9 2 4 34 17 HC0353 Emerald Care Gaston Catawba 0 0 1 0 1 4 4 10 1 HC0159 Gentiva Health Services Iredell Catawba 0 0 0 1 2 1 3 7 1 HC0476 Alexander County Home Health Alexander Catawba 2 0 0 1 1 1 1 0 5 1 HC0906 Advanced Home Care Gaston Catawba 1 0 1 0 0 0 0 2 4 1 HC0487 Caldwell County Home Health Caldwell Catawba 2 0 2 0 0 0 0 0 2 4 1 HC0487 Caldwell County Home Health Caldwell Catawba 2 0 2 0 0 0 0 0 4 2 HC0135 Healthy@Home-Carolinas Medical Center Lincoln Lincoln Catawba 0 0 0 2 0 0 0 1 3 2 HC0356 Home Health Professionals Gaston Catawba 0 0 0 1 0 0 0 0 1 2 1 HC0281 Advanced Home Care Cabarrus Catawba 0 0 1 0 0 0 0 0 1 1	HC1902	Interim HealthCare of the Triad	Catawba	Catawba	12	21	80	37	35	31	11	227	138	42
HC0515 Iredell Home Health Iredell Catawba 2 6 5 6 9 2 4 34 17 HC0353 Emerald Care Gaston Catawba 0 0 0 1 0 1 4 4 4 10 1 HC0159 Gentiva Health Services Iredell Catawba 0 0 0 0 1 2 1 3 7 1 HC0476 Alexander County Home Health Alexander Catawba 2 0 0 1 1 1 1 0 5 1 HC0476 Advanced Home Care Gaston Catawba 1 0 1 0 0 0 0 2 4 1 HC0487 Caldwell County Home Health Caldwell Catawba 2 0 2 0 0 0 0 0 2 4 1 HC0487 Caldwell County Home Health Caldwell Catawba 2 0 2 0 0 0 0 0 4 2 HC0135 Healthy@Home-Carolinas Medical Center Lincoln Lincoln Catawba 0 0 0 2 0 0 0 1 3 2 HC0356 Home Health Professionals Gaston Catawba 0 0 1 0 0 0 0 1 2 1 HC0281 Advanced Home Care Cabarrus Catawba 0 0 1 0 0 0 0 0 1 0 HC0369 Hospice and Palliative Care Charlotte Mecklenburg Catawba 1 0 0 0 0 0 0 0 1 0 HC0528 Liberty Home Care Chatham Chatham 7 6 41 20 62 96 84 316 67 HC2803 UNC Home Health Chatham Chatha	HC0105	Blue Ridge Home Care	Burke	Catawba	0	9	13	1	15	3	4	45	23	7
HC0353 Emerald Care Gaston Catawba 0 0 1 0 1 4 4 10 1 1 1 1 1 1 1 1	HC1325	Lake Norman Regional Medical Center-Home Care	Iredell	Catawba	0	3	6	4	12	7	8	40	13	15
HC0159 Gentiva Health Services Iredell Catawba 0 0 0 1 2 1 3 7 1 HC0476 Alexander County Home Health Alexander Catawba 2 0 0 1 1 1 1 0 5 1 HC0906 Advanced Home Care Gaston Catawba 1 0 1 0 0 0 0 2 4 1 HC0487 Caldwell County Home Health Caldwell Catawba 2 0 2 0 0 0 0 0 4 2 HC0135 Healthy@Home-Carolinas Medical Center Lincoln Lincoln Catawba 0 0 0 2 0 0 0 1 3 2 HC0356 Home Health Professionals Gaston Catawba 0 0 0 0 0 0 0 1 2 1 HC0281 Advanced Home Care Cabarrus Catawba 0 0 0 1 0 0 0 0 0 1 1	HC0515	Iredell Home Health	Iredell	Catawba	2	6	5	6	9	2	4	34	17	6
HC0476 Alexander County Home Health Alexander Catawba 2 0 0 1 1 1 1 0 5 1 HC0906 Advanced Home Care Gaston Catawba 1 0 1 0 0 0 0 2 4 1 HC0487 Caldwell County Home Health Caldwell Catawba 2 0 2 0 0 0 0 0 4 2 HC0135 Healthy@Home-Carolinas Medical Center Lincoln Lincoln Catawba 0 0 0 2 0 0 0 1 3 2 HC0356 Home Health Professionals Gaston Catawba 0 0 1 0 0 0 0 1 2 1 HC0281 Advanced Home Care Cabarrus Catawba 0 0 1 0 0 0 0 0 1 1	HC0353	Emerald Care	Gaston	Catawba	0	0	1	0	1	4	4	10	1	8
HC0906 Advanced Home Care Gaston Catawba 1 0 1 0 0 0 0 2 4 1	HC0159	Gentiva Health Services	Iredell	Catawba	0	0	0	1	2	1	3	7	1	4
HC0487 Caldwell County Home Health Caldwell Catawba 2 0 2 0 0 0 0 4 2 HC0135 Healthy@Home-Carolinas Medical Center Lincoln Lincoln Catawba 0 0 0 2 0 0 1 3 2 HC0356 Home Health Professionals Gaston Catawba 0 0 1 0 0 0 1 2 1 HC0281 Advanced Home Care Catawba 0 0 1 0 0 0 0 0 1 1 HC0369 Hospice and Palliative Care Charlotte Mecklenburg Catawba 1 0 0 0 0 0 0 0 1 0 HC0369 Hospice and Palliative Care Charlotte Mecklenburg Catawba 1 0 0 0 0 0 0 1 0 HC0369 Hospice and Palliative Care Charlotte Mecklenburg Catawba	HC0476	Alexander County Home Health	Alexander	Catawba	2	0	0	1	1	1	0	5	1	1
HC0135 Healthy@Home-Carolinas Medical Center Lincoln Lincoln Catawba 0 0 0 2 0 0 1 3 2	HC0906	Advanced Home Care	Gaston	Catawba	1	0	1	0	0	0	2	4	1	2
HC0356 Home Health Professionals Gaston Catawba 0 0 1 0 0 0 1 2 1 HC0281 Advanced Home Care Cabarrus Catawba 0 0 1 0 0 0 0 0 0 1 1 HC0369 Hospice and Palliative Care Charlotte Mecklenburg Catawba 1 0 0 0 0 0 0 0 1 0 Catawba Total 158 265 707 369 841 1,035 711 4,086 1,341 HC0528 Liberty Home Care Chatham Chatham 7 6 41 20 62 96 84 316 67 HC2803 UNC Home Health Chatham Chatham 0 17 46 27 67 90 54 301 90	HC0487	Caldwell County Home Health	Caldwell	Catawba	2	0	2	0	0	0	0	4	2	0
HC0281 Advanced Home Care Cabarrus Catawba 0 0 1 0 0 0 0 1 1 HC0369 Hospice and Palliative Care Charlotte Mecklenburg Catawba 1 0 0 0 0 0 0 1 0 Catawba Total 158 265 707 369 841 1,035 711 4,086 1,341 HC0528 Liberty Home Care Chatham Chatham 7 6 41 20 62 96 84 316 67 HC2803 UNC Home Health Chatham Chatham 0 17 46 27 67 90 54 301 90	HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Catawba	0	0	0	2	0	0	1	3	2	1
HC0369 Hospice and Palliative Care Charlotte Mecklenburg Catawba 1 0 0 0 0 0 0 1 0 Catawba Total 158 265 707 369 841 1,035 711 4,086 1,341 HC0528 Liberty Home Care Chatham Chatham 7 6 41 20 62 96 84 316 67 HC2803 UNC Home Health Chatham Chatham 0 17 46 27 67 90 54 301 90	HC0356	Home Health Professionals	Gaston	Catawba	0	0	1	0	0	0	1	2	1	1
Catawba Total 158 265 707 369 841 1,035 711 4,086 1,341 HC0528 Liberty Home Care Chatham Chatham 7 6 41 20 62 96 84 316 67 HC2803 UNC Home Health Chatham Chatham 0 17 46 27 67 90 54 301 90	HC0281	Advanced Home Care	Cabarrus	Catawba	0	0	1	0	0	0	0	1	1	0
HC0528 Liberty Home Care Chatham Chatham 7 6 41 20 62 96 84 316 67 HC2803 UNC Home Health Chatham Chatham 0 17 46 27 67 90 54 301 90	HC0369	Hospice and Palliative Care Charlotte	Mecklenburg	Catawba	1	0	0	0	0	0	0	1	0	0
HC2803 UNC Home Health Chatham Chatham 0 17 46 27 67 90 54 301 90			(Catawba Total	158	265	707	369	841	1,035	711	4,086	1,341	1,746
	HC0528	Liberty Home Care	Chatham	Chatham	7	6	41	20	62	96	84	316	67	180
HC2803 UNC Home Health Chatham Chatham 0 17 46 27 67 90 54 301 90	HC2803	UNC Home Health	Chatham	Chatham	0	17	46	27	67	90	54	301	90	144
	HC2803	UNC Home Health	Chatham	Chatham	0	17	46	27	67	90	54	301	90	144
HC0166 Amedisys Home Health of Chapel Hill Orange Chatham 0 1 9 8 22 39 47 126 18	HC0166	Amedisys Home Health of Chapel Hill	Orange	Chatham	0	1	9	8	22	39	47	126	18	86
HC0030 UNC Home Health Orange Chatham 0 1 5 4 17 15 12 54 10	HC0030	UNC Home Health	Orange	Chatham	0	1	5	4	17	15	12	54	10	27
HC0522 Home Health of Randolph Hospital Randolph Chatham 11 1 0 0 3 11 9 35 1	HC0522	Home Health of Randolph Hospital	Randolph	Chatham	11	1	0	0	3	11	9	35	1	20
			Wake	Chatham	0	0	4	1	6	7	6	24	5	13
HC0929 CareSouth Homecare Professionals Randolph Chatham 0 2 3 3 0 5 10 23 8	HC0929	CareSouth Homecare Professionals	Randolph	Chatham	0	2	3	3	0	5	10	23	8	15

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0918	Heartland Home Health Care	Wake	Chatham	0	3	3	2	2	8	4	22	8	12
HC0074	At Home Quality Care	Wake	Chatham	4	0	9	3	2	2	0	20	12	2
HC0426	Liberty Home Care	Lee	Chatham	0	0	0	2	2	3	5	12	2	8
HC2111	Tar Heel Home Health	Durham	Chatham	0	0	1	0	5	3	2	11	1	5
HC0360	Duke Home Health	Durham	Chatham	0	0	1	0	0	4	2	7	1	6
HC0397	Hospice of Randolph County	Randolph	Chatham	5	0	0	0	0	0	0	5	0	0
HC0332	FirstHealth Home Care	Moore	Chatham	0	0	0	1	0	2	0	3	1	2
HC0249	Advanced Home Care	Alamance	Chatham	0	0	0	0	0	2	0	2	0	2
HC2112	Medi Home Health Agency	Wake	Chatham	0	0	1	0	0	0	0	1	1	0
HC1176	Liberty Home Care	Durham	Chatham	0	0	0	0	0	0	1	1	0	1
HC0422	Rex Home Services	Wake	Chatham	0	0	0	0	1	0	0	1	0	0
HC0499	Advanced Home Care	Forsyth	Chatham	0	1	0	0	0	0	0	1	1	0
HC2114	Tar Heel Home Health	Buncombe	Chatham	0	0	0	1	0	0	0	1	1	0
HC0361	Life Path Home Health	Alamance	Chatham	0	0	0	0	0	1	0	1	0	1
		(Chatham Total	27	49	169	99	256	378	290	1,268	317	668
HC0275	Good Shepherd Home Health and Hospice	Cherokee	Cherokee	1	13	187	62	150	184	101	698	262	285
HC0104	Mountain Home Nursing Service	Clay	Cherokee	0	2	12	10	43	48	39	154	24	87
		(Cherokee Total	1	15	199	72	193	232	140	852	286	372
	Albemarle Home Care	Chowan	Chowan	5	8	44	17	50	81	70	275	69	151
HC1071	Sentara Home Care Services	Pasquotank	Chowan	2	2	12	2	10	4	0	32	16	4
HC1052	University Health Systems Home Health & Hospice	Bertie	Chowan	0	0	8	0	5	10	2	25	8	12
		T	Chowan Total	7	10	64	19	65	95	72	332	93	167
	Good Shepherd Home Health and Hospice	Clay	Clay	2	2	26	18	25	36	40	149	46	76
HC0104	Mountain Home Nursing Service	Clay	Clay	1	3	12	3	34	48	43	144	18	91
********		G1 1 1	Clay Total	3	5	38	21	59	84	83	293	64	167
	Total Care Home Health	Cleveland	Cleveland	1	42	176	89	197	211	221	937	307	432
	Healthy@Home-Cleveland Co Health Care System	Cleveland	Cleveland	47	46	127	62	97	127	81	587	235	208
	Interim HealthCare of the Triad	Gaston	Cleveland	20	18	53	21	41	30	29	212	92	59
	Advanced Home Care	Gaston	Cleveland	12	8	37	17	27	22	2	125	62	24
	Emerald Care	Gaston	Cleveland	4	7	15	9	27	26	23	111	31	49
	Home Health Professionals	Gaston	Cleveland	1	6	10	6	6	2	2	33	22	4
HC0186	Carolina Home Care	Rutherford	Cleveland	1	0	6	0	0	0	0	7	6	0
	•	Lincoln	Cleveland	1	0	1	1	0	0	0	3	2	0
HC0227	Gentiva Health Services	Catawba	Cleveland	0	0	0	0	1	0	0	1	0	0
HC0074	At Home Quality Care	Wake	Cleveland	0	0	1	0	0	0	0	1	1	0
		C	Cleveland Total	87	127	426	205	396	418	358	2,017	758	776

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

	101271. Home Health Bath by County of Fe	Facility	Resident	<u> </u>					, ,			1	
Lic.#	Name	County	County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75 +
HC0492	Columbus County Home Health	Columbus	Columbus	50	105	339	143	343	317	183	1480	587	500
HC0320	Liberty Home Care	Columbus	Columbus	3	27	161	91	219	258	127	886	279	385
HC1231	Well Care Home Health	New Hanover	Columbus	8	32	94	34	86	76	42	372	160	118
HC1185	HealthKeeperz	Robeson	Columbus	19	19	28	7	14	17	4	108	54	21
HC1500	Assisted Care Home Health	Brunswick	Columbus	1	6	25	14	26	23	11	106	45	34
HC3421	Native Angels Home Health	Cumberland	Columbus	0	3	10	2	6	5	3	29	15	8
HC0309	Liberty Home Care	Bladen	Columbus	0	0	2	1	3	8	2	16	3	10
HC0532	Pender Home Health	Pender	Columbus	0	0	3	1	3	4	2	13	4	6
HC0196	Liberty Home Care	New Hanover	Columbus	0	1	1	1	4	2	1	10	3	3
		Co	olumbus Total	81	193	663	294	704	710	375	3,020	1,150	1,085
HC0165	Carolina East Home Care	Craven	Craven	5	23	92	54	202	188	102	666	169	290
HC0431	Tar Heel Home Health	Jones	Craven	1	17	67	49	96	140	118	488	133	258
HC0493	Craven County Health Dept. Home Health-Hospice	Craven	Craven	5	17	90	36	79	93	62	382	143	155
HC0316	Liberty Home Care	Onslow	Craven	1	9	46	24	15	9	3	107	79	12
HC1353	Liberty Home Care	Carteret	Craven	1	8	28	12	14	5	5	73	48	10
HC0073	Tar Heel Home Health	Carteret	Craven	0	4	12	4	8	31	10	69	20	41
HC0506	3НС	Jones	Craven	3	11	19	7	7	5	2	54	37	7
HC0428	Tar Heel Home Health	Lenoir	Craven	0	0	9	1	10	6	13	39	10	19
HC1443	University Health Systems Home Health & Hospice	Pitt	Craven	0	1	1	1	3	1	7	14	3	8
HC1634	Beaufort Regional Home Health	Beaufort	Craven	0	1	0	1	1	0	1	4	2	1
HC0329	Tar Heel Home Health	Beaufort	Craven	0	0	0	0	1	0	2	3	0	2
HC0328	Tar Heel Home Health	Pitt	Craven	0	0	0	0	1	2	0	3	0	2
HC0195	3НС	Lenoir	Craven	0	0	1	0	1	0	0	2	1	0
HC0168	Greene Regional Home Health	Greene	Craven	0	0	0	0	0	1	0	1	0	1
HC1209	Continuum Home Care and Hospice	Onslow	Craven	0	0	0	0	1	0	0	1	0	0
			Craven Total	16	91	365	189	439	481	325	1,906	645	806
HC0359	HealthKeeperz	Cumberland	Cumberland	77	74	255	96	261	315	182	1260	425	497
HC0274	Liberty Home Care	Cumberland	Cumberland	0	58	223	102	247	295	177	1102	383	472
HC0283	Cape Fear Valley Home Care and Hospice	Cumberland	Cumberland	262	74	171	60	194	183	99	1043	305	282
HC0255	3НС	Sampson	Cumberland	50	53	179	79	127	101	79	668	311	180
HC0292	Amedisys Home Health of Fayetteville	Cumberland	Cumberland	0	15	38	18	47	88	37	243	71	125
HC3421	Native Angels Home Health	Cumberland	Cumberland	9	14	35	19	47	45	25	194	68	70
HC0125	Liberty Home Care	Harnett	Cumberland	0	5	27	8	20	17	22	99	40	39
HC0277	Liberty Home Care	Hoke	Cumberland	1	0	1	0	0	7	0	9	1	7
HC0332	FirstHealth Home Care	Moore	Cumberland	0	0	1	0	0	1	0	2	1	1
HC0426	Liberty Home Care	Lee	Cumberland	0	1	0	0	0	0	0	1	1	0

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC2562	Liberty Home Care	Wake	Cumberland	0	0	1	0	0	0	0	1	1	0
HC0074	At Home Quality Care	Wake	Cumberland	0	0	1	0	0	0	0	1	1	0
HC0309	Liberty Home Care	Bladen	Cumberland	0	0	0	0	1	0	0	1	0	0
HC0235	Southeastern Home Health	Robeson	Cumberland	0	0	0	0	1	0	0	1	0	0
HC0228	3НС	Wayne	Cumberland	0	0	1	0	0	0	0	1	1	0
HC0195	3НС	Lenoir	Cumberland	0	0	0	1	0	0	0	1	1	0
		Cum	berland Total	399	294	933	383	945	1,052	621	4,627	1,610	1,673
HC0475	Albemarle Home Care	Currituck	Currituck	6	20	33	20	58	52	30	219	73	82
HC1071	Sentara Home Care Services	Pasquotank	Currituck	18	18	55	21	26	44	14	196	94	58
HC0494	Dare Home Health and Hospice	Dare	Currituck	0	0	1	0	1	1	0	3	1	1
		C	urrituck Total	24	38	89	41	85	97	44	418	168	141
HC0494	Dare Home Health and Hospice	Dare	Dare	7	13	60	38	98	95	77	388	111	172
HC1071	Sentara Home Care Services	Pasquotank	Dare	2	5	39	22	40	41	17	166	66	58
		ı	Dare Total	9	18	99	60	138	136	94	554	177	230
HC0297	Advanced Home Care	Guilford	Davidson	17	34	53	175	48	164	155	646	262	319
HC0358	Home Health Professionals	Davidson	Davidson	5	31	114	36	135	120	91	532	181	211
HC0521	Piedmont Home Care	Davidson	Davidson	28	15	58	37	113	156	104	511	110	260
HC0567	Gentiva Health Services	Forsyth	Davidson	0	21	102	57	94	81	44	399	180	125
HC1104	CareSouth Homecare Professionals	Davidson	Davidson	0	20	88	28	66	89	89	380	136	178
HC0499	Advanced Home Care	Forsyth	Davidson	27	20	63	35	63	76	33	317	118	109
HC0495	Amedisys Home Health of Lexington	Davidson	Davidson	0	10	42	23	48	73	91	287	75	164
	Gentiva Health Services	Forsyth	Davidson	1	16	45	10	20	17	6	115	71	23
HC0124	Liberty Home Care	Davidson	Davidson	1	5	23	3	30	23	18	103	31	41
HC0231	Gentiva Health Services	Forsyth	Davidson	0	2	3	1	6	28	48	88	6	76
HC1885	Interim HealthCare of the Triad	Guilford	Davidson	12	5	16	1	6	10	4	54	22	14
HC1286	Home Health Professionals	Guilford	Davidson	0	2	6	5	10	16	3	42	13	19
HC0281	Advanced Home Care	Cabarrus	Davidson	1	2	13	3	6	3	1	29	18	4
HC0522	Home Health of Randolph Hospital	Randolph	Davidson	6	3	5	0	3	3	7	27	8	10
HC0399	Advanced Home Care	Rowan	Davidson	2	4	8	3	5	2	2	26	15	4
HC0395	Care Connection	Guilford	Davidson	2	1	1	1	4	1	3	13	3	4
HC1886	Interim HealthCare of the Triad	Forsyth	Davidson	2	1	4	1	1	3	1	13	6	4
HC0929	CareSouth Homecare Professionals	Randolph	Davidson	0	0	2	0	0	3	1	6	2	4
HC0265	Gentiva Health Services	Rowan	Davidson	0	1	3	0	1	0	0	5	4	0
HC0409	Hospice and Palliative Care Center	Forsyth	Davidson	2	0	0	0	2	1	0	5	0	1
HC0953	Gentiva Health Services	Randolph	Davidson	0	1	1	1	0	1	0	4	3	1
HC0005	Home Health Professionals	Forsyth	Davidson	1	0	0	0	1	0	1	3	0	1

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

		Facility	Resident										
Lic.#	Name	County	County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0952	Gentiva Health Services	Guilford	Davidson	0	0	1	1	0	0	1	3	2	1
HC1210	Gentiva Health Services	Forsyth	Davidson	0	0	0	0	0	0	2	2	0	2
HC0308	Home Care of the Carolinas	Stanly	Davidson	0	1	0	0	0	0	1	2	1	1
HC0332	FirstHealth Home Care	Moore	Davidson	1	0	0	0	0	0	0	1	0	0
			avidson Total	108	195	651	421	662	870	706	3,613	1,267	1,576
HC0496	Davie County Home Health	Davie	Davie	9	21	43	35	108	196	157	569	99	353
HC0499	Advanced Home Care	Forsyth	Davie	28	13	43	19	34	34	20	191	75	54
HC0567	Gentiva Health Services	Forsyth	Davie	0	2	20	13	38	29	11	113	35	40
HC0170	Gentiva Health Services	Iredell	Davie	0	4	32	10	13	35	14	108	46	49
HC1131	Gentiva Health Services	Forsyth	Davie	0	3	5	4	6	5	8	31	12	13
HC0005	Home Health Professionals	Forsyth	Davie	1	0	1	1	3	8	5	19	2	13
HC0515	Iredell Home Health	Iredell	Davie	1	3	3	1	2	1	2	13	7	3
HC0521	Piedmont Home Care	Davidson	Davie	1	0	0	0	2	3	1	7	0	4
HC0409	Hospice and Palliative Care Center	Forsyth	Davie	1	0	0	1	1	2	1	6	1	3
HC1104	CareSouth Homecare Professionals	Davidson	Davie	0	0	2	1	1	1	0	5	3	1
HC0357	Home Health Professionals	Rowan	Davie	0	1	1	0	0	3	0	5	2	3
HC0231	Gentiva Health Services	Forsyth	Davie	0	0	0	0	0	0	3	3	0	3
HC1304	Amedisys Home Health of Winston Salem	Forsyth	Davie	0	0	0	0	1	0	1	2	0	1
HC0495	Amedisys Home Health of Lexington	Davidson	Davie	0	0	0	0	1	1	0	2	0	1
HC0358	Home Health Professionals	Davidson	Davie	0	0	1	0	1	0	0	2	1	0
HC0124	Liberty Home Care	Davidson	Davie	0	0	0	0	2	0	0	2	0	0
HC0159	Gentiva Health Services	Iredell	Davie	0	1	0	0	0	0	0	1	1	0
		I.	Davie Total	41	48	151	85	213	318	223	1,079	284	541
HC0053	Carolina East Home Care and Hospice	Duplin	Duplin	28	34	100	37	127	125	83	534	171	208
HC1565	Tar Heel Home Health	Lenoir	Duplin	2	4	51	19	66	88	55	285	74	143
HC0532	Pender Home Health	Pender	Duplin	3	9	39	21	40	44	27	183	69	71
HC1241	Liberty Home Care	Pender	Duplin	0	2	20	5	25	16	8	76	27	24
HC0255	3НС	Sampson	Duplin	3	2	6	1	3	7	3	25	9	10
HC0257	Sampson Home Health	Sampson	Duplin	1	0	4	0	7	3	1	16	4	4
HC0316	Liberty Home Care	Onslow	Duplin	0	0	2	0	2	1	0	5	2	1
HC0195	3НС	Lenoir	Duplin	0	0	2	1	0	0	1	4	3	1
HC1500	Assisted Care Home Health	Brunswick	Duplin	0	0	0	0	2	0	2	4	0	2
HC0196	Liberty Home Care	New Hanover	Duplin	0	0	0	1	0	1	0	2	1	1
HC0074	At Home Quality Care	Wake	Duplin	0	0	0	0	1	0	0	1	0	0
HC1209	Continuum Home Care and Hospice	Onslow	Duplin	0	1	0	0	0	0	0	1	1	0
		ı	Duplin Total	37	52	224	85	273	285	180	1,136	361	465

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0360	Duke Home Health	Durham	Durham	90	136	430	223	373	395	284	1931	789	679
HC1176	Liberty Home Care	Durham	Durham	1	27	141	91	158	197	207	822	259	404
HC0918	Heartland Home Health Care	Wake	Durham	0	9	45	26	80	109	110	379	80	219
HC2111	Tar Heel Home Health	Durham	Durham	1	8	31	21	70	102	133	366	60	235
HC0166	Amedisys Home Health of Chapel Hill	Orange	Durham	0	8	29	21	42	65	54	219	58	119
HC0339	Intrepid USA Healthcare Services	Wake	Durham	2	9	29	21	48	58	43	210	59	101
HC0030	UNC Home Health	Orange	Durham	0	20	44	16	33	26	25	164	80	51
HC2114	Tar Heel Home Health	Buncombe	Durham	0	6	11	10	37	45	26	135	27	71
HC2112	Medi Home Health Agency	Wake	Durham	0	6	11	10	37	45	26	135	27	71
HC0507	3НС	Johnston	Durham	33	12	32	9	14	18	14	132	53	32
HC0327	Visiting Nurse Service of Durham	Durham	Durham	0	12	29	9	27	37	3	117	50	40
HC0145	Amedisys Home Health	Durham	Durham	0	2	15	5	21	34	29	106	22	63
HC0354	Home Health Professionals	Person	Durham	6	3	12	7	21	19	18	86	22	37
HC0074	At Home Quality Care	Wake	Durham	7	16	23	7	12	5	4	74	46	9
HC0828	Pediatric Services of America	Wake	Durham	15	0	0	0	0	0	0	15	0	0
HC2562	Liberty Home Care	Wake	Durham	0	0	0	0	0	2	0	2	0	2
HC0426	Liberty Home Care	Lee	Durham	0	0	0	0	0	1	0	1	0	1
HC0196	Liberty Home Care	New Hanover	Durham	0	0	1	0	0	0	0	1	1	0
HC1437	Professional Nursing Service and Home Health	Wake	Durham	1	0	0	0	0	0	0	1	0	0
HC0528	Liberty Home Care	Chatham	Durham	0	0	0	0	1	0	0	1	0	0
HC0533	Home Health and Hospice of Person Co	Person	Durham	0	0	0	0	0	1	0	1	0	1
HC0134	Amedisys Home Health	Alamance	Durham	0	0	1	0	0	0	0	1	1	0
]	Durham Total	156	274	884	476	974	1,159	976	4,899	1,634	2,135
HC0498	Edgecombe County Health Dept	Edgecombe	Edgecombe	28	33	131	57	128	168	100	645	221	268
HC0497	Tar Heel Home Health	Nash	Edgecombe	0	4	70	26	116	99	63	378	100	162
HC1443	University Health Systems Home Health & Hospice	Pitt	Edgecombe	2	2	32	12	35	16	10	109	46	26
HC0508	3HC	Wilson	Edgecombe	2	4	21	14	12	10	5	68	39	15
HC0328	Tar Heel Home Health	Pitt	Edgecombe	0	0	1	1	2	1	0	5	2	1
			gecombe Total	32	43	255	110	293	294	178	1,205	408	472
HC0499	Advanced Home Care	Forsyth	Forsyth	155	113	384	150	392	579	330	2103	647	909
HC0567	Gentiva Health Services	Forsyth	Forsyth	0	54	357	172	442	491	247	1763	583	738
HC1131	Gentiva Health Services	Forsyth	Forsyth	0	87	245	90	138	195	129	884	422	324
HC0231	Gentiva Health Services	Forsyth	Forsyth	0	19	99	36	102	248	365	869	154	613
	Home Health Professionals	Forsyth	Forsyth	31	51	104	38	106	164	169	663	193	333
HC1104	CareSouth Homecare Professionals	Davidson	Forsyth	0	2	3	413	17	28	43	506	418	71
HC1885	Interim HealthCare of the Triad	Guilford	Forsyth	99	32	59	26	107	99	46	468	117	145

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74		85 and >	Total	18-64	75+
HC1210	Gentiva Health Services	Forsyth	Forsyth	0	8	64	31	93	131	129	456	103	260
HC0297	Advanced Home Care	Guilford	Forsyth	28	17	59	33	75	107	44	363	109	151
HC1304	Amedisys Home Health of Winston Salem	Forsyth	Forsyth	0	8	37	10	56	102	120	333	55	222
HC0521	Piedmont Home Care	Davidson	Forsyth	1	6	13	7	22	31	26	106	26	57
HC0409	Hospice and Palliative Care Center	Forsyth	Forsyth	22	2	4	9	11	12	14	74	15	26
HC0124	Liberty Home Care	Davidson	Forsyth	0	1	6	5	6	4	4	26	12	8
HC1699	Gentiva Health Services	Stokes	Forsyth	0	1	3	0	2	7	5	18	4	12
HC1286	Home Health Professionals	Guilford	Forsyth	0	0	3	1	2	5	4	15	4	9
HC1886	Interim HealthCare of the Triad	Forsyth	Forsyth	1	4	5	0	1	1	0	12	9	1
HC0952	Gentiva Health Services	Guilford	Forsyth	0	1	6	2	1	1	0	11	9	1
HC1177	Liberty Home Care	Guilford	Forsyth	0	0	2	2	1	1	0	6	4	1
HC0395	Care Connection	Guilford	Forsyth	1	0	1	1	1	0	0	4	2	0
HC0495	Amedisys Home Health of Lexington	Davidson	Forsyth	0	0	0	0	0	3	0	3	0	3
HC0517	Stokes County HHA	Stokes	Forsyth	1	0	0	1	0	0	1	3	1	1
HC0358	Home Health Professionals	Davidson	Forsyth	0	0	0	0	0	1	0	1	0	1
HC0906	Advanced Home Care	Gaston	Forsyth	0	0	0	0	0	1	0	1	0	1
HC0249	Advanced Home Care	Alamance	Forsyth	0	1	0	0	0	0	0	1	1	0
HC0265	Gentiva Health Services	Rowan	Forsyth	0	0	1	0	0	0	0	1	1	0
HC0374	Hospice and Palliative Care of Greensboro	Guilford	Forsyth	0	1	0	0	0	0	0	1	1	0
HC0217	Advanced Home Care	Rockingham	Forsyth	0	0	1	0	0	0	0	1	1	0
		Į.	Forsyth Total	339	408	1,456	1,027	1,575	2,211	1,676	8,692	2,891	3,887
HC0500	Franklin County Home Health	Franklin	Franklin	11	31	113	46	92	136	122	551	190	258
HC0215	Tar Heel Home Health	Franklin	Franklin	1	16	99	41	111	145	73	486	156	218
HC2562	Liberty Home Care	Wake	Franklin	0	2	25	4	25	19	7	82	31	26
HC0918	Heartland Home Health Care	Wake	Franklin	0	2	9	5	10	26	16	68	16	42
HC2114	Tar Heel Home Health	Buncombe	Franklin	0	0	10	5	23	17	13	68	15	30
HC2112	Medi Home Health Agency	Wake	Franklin	0	0	10	5	23	17	13	68	15	30
HC0360	Duke Home Health	Durham	Franklin	0	5	16	5	16	9	3	54	26	12
HC1293	WakeMed Home Health	Wake	Franklin	0	4	8	11	14	8	6	51	23	14
HC0422	Rex Home Services	Wake	Franklin	0	0	7	4	10	10	6	37	11	16
HC0145	Amedisys Home Health	Durham	Franklin	0	1	7	3	4	5	7	27	11	12
HC0354	Home Health Professionals	Person	Franklin	0	0	0	0	0	6	5	11	0	11
HC0823	Maria Parham Regional Home Health	Vance	Franklin	0	0	0	0	1	2	1	4	0	3
HC0828	Pediatric Services of America	Wake	Franklin	3	0	0	0	0	0	0	3	0	0
HC0501	Granville-Vance Home Health	Vance	Franklin	2	0	0	0	0	0	0	2	0	0
HC0031	Horizons Home Care	Wake	Franklin	0	0	0	0	0	0	1	1	0	1

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0508	3НС	Wilson	Franklin	0	0	1	0	0	0	0	1	1	0
		l	Franklin Total	17	61	305	129	329	400	273	1,514	495	673
HC0906	Advanced Home Care	Gaston	Gaston	119	114	422	228	389	397	205	1874	764	602
HC0353	Emerald Care	Gaston	Gaston	6	46	188	113	376	552	451	1732	347	1003
HC0268	Total Care Home Health	Gaston	Gaston	0	42	242	148	316	396	322	1466	432	718
HC1903	Interim HealthCare of the Triad	Gaston	Gaston	94	46	143	38	71	70	24	486	227	94
HC0356	Home Health Professionals	Gaston	Gaston	2	28	100	44	79	91	69	413	172	160
HC0042	Healthy@Home-Cleveland Co Health Care System	Cleveland	Gaston	11	10	18	5	15	9	2	70	33	11
HC1038	Healthy@Home-Carolinas Medical Center	Mecklenburg	Gaston	2	4	6	2	2	2	0	18	12	2
HC0171	Advanced Home Care	Mecklenburg	Gaston	0	1	0	0	3	2	2	8	1	4
HC1325	Lake Norman Regional Medical Center-Home Care	Iredell	Gaston	0	0	1	1	4	1	1	8	2	2
HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Gaston	1	1	2	0	2	1	0	7	3	1
HC3694	Liberty Home Care and Hospice	Mecklenburg	Gaston	0	0	1	0	1	1	1	4	1	2
HC0369	Hospice and Palliative Care Charlotte	Mecklenburg	Gaston	3	0	0	0	0	0	0	3	0	0
HC0787	Gentiva Health Services	Mecklenburg	Gaston	0	0	2	1	0	0	0	3	3	0
HC0281	Advanced Home Care	Cabarrus	Gaston	0	0	0	0	1	1	0	2	0	1
			Gaston Total	238	292	1,125	580	1,259	1,523	1,077	6,094	1,997	2,600
HC1062	Hertford-Gates Home Health	Gates	Gates	4	2	14	8	35	40	30	133	24	70
HC1071	Sentara Home Care Services	Pasquotank	Gates	2	12	25	13	24	17	8	101	50	25
HC0475	Albemarle Home Care	Currituck	Gates	0	0	0	0	0	0	1	1	0	1
HC0474	Albemarle Home Care	Chowan	Gates	0	0	0	0	0	0	1	1	0	1
			Gates Total	6	14	39	21	59	57	40	236	74	97
HC0157	WestCare Home Health and Hospice Services	Jackson	Graham	1	3	27	11	32	26	17	117	41	43
HC0275	Good Shepherd Home Health and Hospice	Cherokee	Graham	0	0	1	0	4	1	1	7	1	2
			Graham Total	1	3	28	11	36	27	18	124	42	45
HC0501	Granville-Vance Home Health	Vance	Granville	5	14	40	20	83	123	64	349	74	187
HC0360	Duke Home Health	Durham	Granville	0	10	60	31	71	47	18	237	101	65
	Amedisys Home Health	Durham	Granville	0	3	9	14	22	30	20	98	26	50
HC0339	Intrepid USA Healthcare Services	Wake	Granville	0	0	5	7	10	22	13	57	12	35
HC0215	Tar Heel Home Health	Franklin	Granville	0	4	9	9	12	12	6	52	22	18
HC1176	Liberty Home Care	Durham	Granville	0	10	17	6	8	4	5	50	33	9
HC0918	Heartland Home Health Care	Wake	Granville	0	1	7	4	4	13	14	43	12	27
HC0823	Maria Parham Regional Home Health	Vance	Granville	1	3	6	4	13	7	4	38	13	11
HC2114	Tar Heel Home Health	Buncombe	Granville	0	0	2	1	5	8	5	21	3	13
HC2112	Medi Home Health Agency	Wake	Granville	0	0	2	1	5	8	5	21	3	13
HC2111	Tar Heel Home Health	Durham	Granville	0	1	5	2	5	3	2	18	8	5

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0354	Home Health Professionals	Person	Granville	2	1	0	0	3	0	0	6	1	0
HC0500	Franklin County Home Health	Franklin	Granville	0	0	1	1	0	0	0	2	2	0
HC0166	Amedisys Home Health of Chapel Hill	Orange	Granville	0	0	1	0	0	0	0	1	1	0
HC0031	Horizons Home Care	Wake	Granville	0	0	1	0	0	0	0	1	1	0
HC0074	At Home Quality Care	Wake	Granville	0	0	1	0	0	0	0	1	1	0
HC1293	WakeMed Home Health	Wake	Granville	0	0	0	0	0	1	0	1	0	1
		(Franville Total	8	47	166	100	241	278	156	996	313	434
HC0168	Greene Regional Home Health	Greene	Greene	5	16	36	27	51	78	47	260	79	125
HC0195	3НС	Lenoir	Greene	0	8	13	5	11	11	6	54	26	17
HC0428	Tar Heel Home Health	Lenoir	Greene	0	2	11	1	12	17	4	47	14	21
HC1443	University Health Systems Home Health & Hospice	Pitt	Greene	0	4	14	5	3	5	5	36	23	10
HC0328	Tar Heel Home Health	Pitt	Greene	0	0	2	1	4	2	1	10	3	3
HC0228	3НС	Wayne	Greene	0	0	2	0	0	0	0	2	2	0
HC1299	Tar Heel Home Health	Wayne	Greene	0	0	0	0	1	0	0	1	0	0
HC0507	3НС	Johnston	Greene	0	0	0	0	0	0	1	1	0	1
HC0508	3НС	Wilson	Greene	0	0	1	0	0	0	0	1	1	0
HC0509	3НС	Pitt	Greene	0	0	0	0	0	1	0	1	0	1
			Greene Total	5	30	79	39	82	114	64	413	148	178
HC0297	Advanced Home Care	Guilford	Guilford	394	441	1053	468	1079	1215	726	5376	1962	1941
HC0952	Gentiva Health Services	Guilford	Guilford	7	121	399	216	385	505	358	1991	736	863
HC1286	Home Health Professionals	Guilford	Guilford	19	43	67	28	79	179	227	642	138	406
HC1885	Interim HealthCare of the Triad	Guilford	Guilford	76	35	78	25	60	97	58	429	138	155
HC0303	CareSouth Homecare Professionals	Guilford	Cuilford										221
HC1210			Guilford	0	19	72	21	71	120	111	414	112	231
1101210	Gentiva Health Services	Forsyth	Guilford	0	19 13	72 47	21 26	71 67	120 114	111 129	414 396	112 86	243
	Gentiva Health Services Liberty Home Care	Forsyth Guilford											
HC1177			Guilford	0	13	47	26	67	114	129	396	86	243
HC1177 HC0567	Liberty Home Care Gentiva Health Services	Guilford	Guilford Guilford	0	13 16	47 61	26 31	67 61	114 71	129 27	396 267	86 108	243 98
HC1177 HC0567 HC0521	Liberty Home Care Gentiva Health Services	Guilford Forsyth	Guilford Guilford Guilford	0 0	13 16 8	47 61 35	26 31 17	67 61 25	114 71 25	129 27 7	396 267 117	86 108 60	243 98 32
HC1177 HC0567 HC0521 HC1131	Liberty Home Care Gentiva Health Services Piedmont Home Care	Guilford Forsyth Davidson	Guilford Guilford Guilford Guilford	0 0 0 1	13 16 8 1	47 61 35 16	26 31 17 3	67 61 25 26	114 71 25 36	129 27 7 22	396 267 117 105	86 108 60 20	243 98 32 58
HC1177 HC0567 HC0521 HC1131 HC0231	Liberty Home Care Gentiva Health Services Piedmont Home Care Gentiva Health Services	Guilford Forsyth Davidson Forsyth	Guilford Guilford Guilford Guilford Guilford	0 0 0 1	13 16 8 1 13	47 61 35 16 28	26 31 17 3 5	67 61 25 26 11	114 71 25 36 14	129 27 7 22 4	396 267 117 105 75	86 108 60 20 46	243 98 32 58 18
HC1177 HC0567 HC0521 HC1131 HC0231	Liberty Home Care Gentiva Health Services Piedmont Home Care Gentiva Health Services Gentiva Health Services	Guilford Forsyth Davidson Forsyth Forsyth	Guilford Guilford Guilford Guilford Guilford Guilford Guilford	0 0 0 1 0	13 16 8 1 13	47 61 35 16 28 3	26 31 17 3 5 5	67 61 25 26 11 8	114 71 25 36 14	129 27 7 22 4 30	396 267 117 105 75 64	86 108 60 20 46 8	243 98 32 58 18 48
HC1177 HC0567 HC0521 HC1131 HC0231 HC0134 HC0395	Liberty Home Care Gentiva Health Services Piedmont Home Care Gentiva Health Services Gentiva Health Services Amedisys Home Health	Guilford Forsyth Davidson Forsyth Forsyth Alamance	Guilford Guilford Guilford Guilford Guilford Guilford Guilford Guilford	0 0 0 1 0 0	13 16 8 1 13 0	47 61 35 16 28 3	26 31 17 3 5 5	67 61 25 26 11 8	114 71 25 36 14 18 20	129 27 7 22 4 30 12	396 267 117 105 75 64 56	86 108 60 20 46 8 16	243 98 32 58 18 48 32
HC1177 HC0567 HC0521 HC1131 HC0231 HC0134 HC0395 HC0374	Liberty Home Care Gentiva Health Services Piedmont Home Care Gentiva Health Services Gentiva Health Services Amedisys Home Health Care Connection	Guilford Forsyth Davidson Forsyth Forsyth Alamance Guilford	Guilford Guilford Guilford Guilford Guilford Guilford Guilford Guilford Guilford	0 0 0 1 0 0 0	13 16 8 1 13 0 5	47 61 35 16 28 3 8	26 31 17 3 5 5 3	67 61 25 26 11 8 8	114 71 25 36 14 18 20	129 27 7 22 4 30 12	396 267 117 105 75 64 56 44	86 108 60 20 46 8 16	243 98 32 58 18 48 32 17
HC1177 HC0567 HC0521 HC1131 HC0231 HC0134 HC0395 HC0374	Liberty Home Care Gentiva Health Services Piedmont Home Care Gentiva Health Services Gentiva Health Services Amedisys Home Health Care Connection Hospice and Palliative Care of Greensboro	Guilford Forsyth Davidson Forsyth Forsyth Alamance Guilford Guilford	Guilford	0 0 0 1 0 0 0 0 9	13 16 8 1 13 0 5 2	47 61 35 16 28 3 8 8 0 3	26 31 17 3 5 5 5 3 3 0 3	67 61 25 26 11 8 8 5	114 71 25 36 14 18 20 11	129 27 7 22 4 30 12 6	396 267 117 105 75 64 56 44 39	86 108 60 20 46 8 16 13 4 8	243 98 32 58 18 48 32 17 0 19
HC1177 HC0567 HC0521 HC1131 HC0231 HC0134 HC0395 HC0374 HC0495	Liberty Home Care Gentiva Health Services Piedmont Home Care Gentiva Health Services Gentiva Health Services Amedisys Home Health Care Connection Hospice and Palliative Care of Greensboro Amedisys Home Health of Lexington	Guilford Forsyth Davidson Forsyth Forsyth Alamance Guilford Guilford Davidson	Guilford	0 0 0 1 0 0 0 0 9	13 16 8 1 13 0 5 2 4 2	47 61 35 16 28 3 8 8 0	26 31 17 3 5 5 5 3 3 0	67 61 25 26 11 8 8 5 0	114 71 25 36 14 18 20 11 0	129 27 7 22 4 30 12 6 0	396 267 117 105 75 64 56 44 39	86 108 60 20 46 8 16 13 4	243 98 32 58 18 48 32 17 0

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74		85 and >	Total	18-64	75+
	Advanced Home Care	Rockingham	Guilford	0	1	1	3	3	2	4	14	5	6
HC0249	Advanced Home Care	Alamance	Guilford	1	0	1	0	1	2	8	13	1	10
HC0929	CareSouth Homecare Professionals	Randolph	Guilford	0	3	5	1	2	1	1	13	9	2
HC1886	Interim HealthCare of the Triad	Forsyth	Guilford	1	2	2	2	2	1	1	11	6	2
HC0361	Life Path Home Health	Alamance	Guilford	0	0	0	1	1	5	2	9	1	7
HC0499	Advanced Home Care	Forsyth	Guilford	0	0	1	0	6	0	0	7	1	0
HC1304	Amedisys Home Health of Winston Salem	Forsyth	Guilford	0	0	1	0	2	2	0	5	1	2
HC0171	Advanced Home Care	Mecklenburg	Guilford	0	0	0	0	1	0	0	1	0	0
HC0528	Liberty Home Care	Chatham	Guilford	0	0	0	0	1	0	0	1	0	0
HC0409	Hospice and Palliative Care Center	Forsyth	Guilford	1	0	0	0	0	0	0	1	0	0
HC1104	CareSouth Homecare Professionals	Davidson	Guilford	0	0	0	0	1	0	0	1	0	0
HC0397	Hospice of Randolph County	Randolph	Guilford	0	0	0	0	0	0	1	1	0	1
HC0489	Caswell County Home Health	Caswell	Guilford	0	0	0	0	1	0	0	1	0	0
			Guilford Total	548	737	1,907	867	1,924	2,465	1,759	10,207	3,511	4,224
HC0765	Home Health and Hospice of Halifax	Halifax	Halifax	21	47	133	68	143	197	147	756	248	344
HC0497	Tar Heel Home Health	Nash	Halifax	0	10	67	24	88	107	80	376	101	187
HC0530	Northampton Co. Home Health	Northampton	Halifax	0	1	7	1	3	3	4	19	9	7
HC0500	Franklin County Home Health	Franklin	Halifax	0	0	0	0	0	0	2	2	0	2
HC0525	Roanoke Home Care and Hospice	Martin	Halifax	1	0	0	0	0	0	0	1	0	0
		1	Halifax Total	22	58	207	93	234	307	233	1,154	358	540
	Liberty Home Care	Harnett	Harnett	1	38	154	85	226	260	181	945	277	441
	Harnett County Home Health	Harnett	Harnett	12	37	161	73	170	238	172	863	271	410
HC0255	3НС	Sampson	Harnett	6	14	79	34	53	45	25	256	127	70
HC0299	Tar Heel Home Health	Wake	Harnett	0	5	25	8	33	36	13	120	38	49
HC0359	HealthKeeperz	Cumberland	Harnett	8	6	6	5	6	11	0	42	17	11
	Sampson Home Health	Sampson	Harnett	2	2	7	3	8	8	3	33	12	11
HC0283	Cape Fear Valley Home Care and Hospice	Cumberland	Harnett	14	2	1	1	6	3	1	28	4	4
HC0422	Rex Home Services	Wake	Harnett	0	3	8	4	5	5	3	28	15	8
HC0918	Heartland Home Health Care	Wake	Harnett	0	1	1	5	16	3	1	27	7	4
HC0383	Johnston Memorial Home Care and Hospice	Johnston	Harnett	0	0	1	2	5	4	2	14	3	6
HC0426	Liberty Home Care	Lee	Harnett	1	1	2	1	2	4	1	12	4	5
HC0339	Intrepid USA Healthcare Services	Wake	Harnett	0	0	0	2	4	3	2	11	2	5
HC0332	FirstHealth Home Care	Moore	Harnett	2	0	2	1	4	0	1	10	3	1
HC0166	Amedisys Home Health of Chapel Hill	Orange	Harnett	0	0	2	1	4	2	1	10	3	3
	Amedisys Home Health of Fayetteville	Cumberland	Harnett	0	0	3	2	1	2	0	8	5	2
HC1293	WakeMed Home Health	Wake	Harnett	0	1	3	1	0	1	1	7	5	2

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0507	3НС	Johnston	Harnett	0	1	0	2	1	2	0	6	3	2
HC0074	At Home Quality Care	Wake	Harnett	1	1	3	0	1	0	0	6	4	0
HC0031	Horizons Home Care	Wake	Harnett	0	0	3	0	0	1	0	4	3	1
HC2114	Tar Heel Home Health	Buncombe	Harnett	0	1	1	0	0	1	0	3	2	1
HC2112	Medi Home Health Agency	Wake	Harnett	0	1	1	0	0	1	0	3	2	1
HC3421	Native Angels Home Health	Cumberland	Harnett	0	0	1	0	2	0	0	3	1	0
HC1437	Professional Nursing Service and Home Health	Wake	Harnett	1	0	0	0	0	0	0	1	0	0
HC0828	Pediatric Services of America	Wake	Harnett	1	0	0	0	0	0	0	1	0	0
HC0228	3НС	Wayne	Harnett	0	0	0	0	0	1	0	1	0	1
			Harnett Total	49	114	464	230	547	631	407	2,442	808	1,038
HC0279	Care Partners Home Health Services	Haywood	Haywood	1	30	126	58	151	171	97	634	214	268
HC0109	Home Care Services of Haywood Regional Medical	Haywood	Haywood	19	15	80	47	127	186	139	613	142	325
HC2114	Tar Heel Home Health	Buncombe	Haywood	0	3	10	11	15	23	17	79	24	40
HC0114	Care Partners Home Health Services	Buncombe	Haywood	17	0	0	0	0	0	0	17	0	0
HC0157	WestCare Home Health and Hospice Services	Jackson	Haywood	3	0	3	3	2	2	3	16	6	5
		H	laywood Total	40	48	219	119	295	382	256	1,359	386	638
HC0201	Pardee Home Care	Henderson	Henderson	1	26	118	59	243	299	222	968	203	521
HC0440	Care Partners Home Health Services	Henderson	Henderson	0	38	181	78	178	215	140	830	297	355
HC0911	Park Ridge Home Health	Henderson	Henderson	1	5	58	42	67	114	132	419	105	246
HC2114	Tar Heel Home Health	Buncombe	Henderson	0	1	33	12	61	85	88	280	46	173
HC0114	Care Partners Home Health Services	Buncombe	Henderson	38	3	7	3	4	5	2	62	13	7
HC0067	TRH-Home Care	Transylvania	Henderson	0	1	3	0	7	10	1	22	4	11
HC0279	Care Partners Home Health Services	Haywood	Henderson	0	0	1	0	0	0	0	1	1	0
		He	nderson Total	40	74	401	194	560	728	585	2,582	669	1,313
HC1052	University Health Systems Home Health & Hospice	Bertie	Hertford	0	5	15	6	26	23	15	90	26	38
HC0480	Bertie County Home Health	Bertie	Hertford	0	0	0	0	0	2	2	4	0	4
HC0530	Northampton Co. Home Health	Northampton	Hertford	0	0	0	0	0	1	0	1	0	1
HC0918	Heartland Home Health Care	Wake	Hertford	0	0	0	0	1	0	0	1	0	0
HC0504	Hertford-Gates Home Health	Hertford	Hertford	0	0	0	0	0	0	0	0	0	0
		l	Hertford Total	0	5	15	6	27	26	17	96	26	43
HC0277	Liberty Home Care	Hoke	Hoke	6	35	109	39	118	163	141	611	183	304
HC0403	HealthKeeperz	Scotland	Hoke	13	10	30	23	27	16	10	129	63	26
HC0283	Cape Fear Valley Home Care and Hospice	Cumberland	Hoke	16	4	7	3	2	3	1	36	14	4
HC3421	Native Angels Home Health	Cumberland	Hoke	0	0	2	2	1	2	0	7	4	2
HC0274	Liberty Home Care	Cumberland	Hoke	0	1	1	0	0	0	1	3	2	1
HC0352	Liberty Home Care	Robeson	Hoke	0	0	1	0	0	1	0	2	1	1

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0292	Amedisys Home Health of Fayetteville	Cumberland	Hoke	0	0	0	0	2	0	0	2	0	0
HC0002	Liberty Home Care	Moore	Hoke	0	0	1	0	0	0	0	1	1	0
HC0423	FirstHealth Home Care-Richmond	Richmond	Hoke	0	0	0	0	1	0	0	1	0	0
HC1178	Liberty Home Care	Robeson	Hoke	0	0	1	0	0	0	0	1	1	0
			Hoke Total	35	50	152	67	151	185	153	793	269	338
HC0379	Hydeland Home Care Agency	Hyde	Hyde	0	1	9	4	16	20	19	69	14	39
			Hyde Total	0	1	9	4	16	20	19	69	14	39
HC0515	Iredell Home Health	Iredell	Iredell	102	90	188	79	240	349	292	1340	357	641
HC0170	Gentiva Health Services	Iredell	Iredell	1	45	156	58	166	213	207	846	259	420
HC0159	Gentiva Health Services	Iredell	Iredell	0	34	160	68	175	180	155	772	262	335
HC1325	Lake Norman Regional Medical Center-Home Care	Iredell	Iredell	2	49	116	56	118	133	86	560	221	219
HC0399	Advanced Home Care	Rowan	Iredell	0	14	42	17	24	37	14	148	73	51
HC0281	Advanced Home Care	Cabarrus	Iredell	5	5	16	4	13	15	6	64	25	21
HC1901	Interim HealthCare of the Triad	Mecklenburg	Iredell	9	6	16	9	7	3	1	51	31	4
HC1902	Interim HealthCare of the Triad	Catawba	Iredell	9	6	16	9	7	3	1	51	31	4
HC0357	Home Health Professionals	Rowan	Iredell	1	0	1	2	2	3	2	11	3	5
HC0490	Catawba County Home Health	Catawba	Iredell	0	2	3	0	2	0	0	7	5	0
HC0227	Gentiva Health Services	Catawba	Iredell	0	0	0	0	1	0	1	2	0	1
HC0476	Alexander County Home Health	Alexander	Iredell	0	0	1	0	0	0	1	2	1	1
HC0265	Gentiva Health Services	Rowan	Iredell	0	0	1	0	0	1	0	2	1	1
HC0495	Amedisys Home Health of Lexington	Davidson	Iredell	0	0	0	0	0	1	0	1	0	1
HC0369	Hospice and Palliative Care Charlotte	Mecklenburg	Iredell	1	0	0	0	0	0	0	1	0	0
HC0171	Advanced Home Care	Mecklenburg	Iredell	0	0	0	0	0	1	0	1	0	1
HC0499	Advanced Home Care	Forsyth	Iredell	0	0	1	0	0	0	0	1	1	0
			Iredell Total	130	251	717	302	755	939	766	3,860	1,270	1,705
HC0157	WestCare Home Health and Hospice Services	Jackson	Jackson	11	10	61	33	86	106	69	376	104	175
			Jackson Total	11	10	61	33	86	106	69	376	104	175
HC0507	3НС	Johnston	Johnston	25	50	176	97	196	207	138	889	323	345
HC0383	Johnston Memorial Home Care and Hospice	Johnston	Johnston	2	31	173	96	195	204	146	847	300	350
HC1299	Tar Heel Home Health	Wayne	Johnston	2	13	41	26	65	88	42	277	80	130
HC0125	Liberty Home Care	Harnett	Johnston	1	11	44	35	55	66	42	254	90	108
HC0339	Intrepid USA Healthcare Services	Wake	Johnston	0	5	24	12	39	41	28	149	41	69
HC0299	Tar Heel Home Health	Wake	Johnston	0	4	14	15	29	39	23	124	33	62
HC0422	Rex Home Services	Wake	Johnston	0	7	42	16	26	15	4	110	65	19
HC1293	WakeMed Home Health	Wake	Johnston	0	6	25	14	23	16	10	94	45	26
HC0918	Heartland Home Health Care	Wake	Johnston	0	1	17	15	21	22	12	88	33	34

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

	101211. Home Health Bath by County of Fe	Facility	Resident										
Lic. #	Name	County	County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0166	Amedisys Home Health of Chapel Hill	Orange	Johnston	0	0	9	6	10	22	17	64	15	39
HC2562	Liberty Home Care	Wake	Johnston	1	3	18	9	17	9	5	62	30	14
HC2112	Medi Home Health Agency	Wake	Johnston	0	1	5	5	19	15	10	55	11	25
HC0497	Tar Heel Home Health	Nash	Johnston	0	0	3	2	0	6	5	16	5	11
HC1437	Professional Nursing Service and Home Health	Wake	Johnston	4	1	2	1	2	0	0	10	4	0
HC0828	Pediatric Services of America	Wake	Johnston	6	0	0	0	0	0	0	6	0	0
HC0255	3НС	Sampson	Johnston	0	0	3	0	1	2	0	6	3	2
HC0031	Horizons Home Care	Wake	Johnston	0	0	1	0	0	3	1	5	1	4
HC0228	3НС	Wayne	Johnston	1	0	0	1	0	0	1	3	1	1
HC0508	3НС	Wilson	Johnston	0	0	0	1	0	1	1	3	1	2
HC0509	3НС	Pitt	Johnston	0	0	1	0	1	0	0	2	1	0
HC0195	3НС	Lenoir	Johnston	0	0	1	0	0	0	0	1	1	0
HC3820	Bayada Nurses	Wake	Johnston	0	0	0	1	0	0	0	1	1	0
HC0145	Amedisys Home Health	Durham	Johnston	0	0	0	1	0	0	0	1	1	0
		J	ohnston Total	42	133	599	353	699	756	485	3,067	1,085	1,241
HC0431	Tar Heel Home Health	Jones	Jones	0	3	9	5	32	44	35	128	17	79
HC0506	3НС	Jones	Jones	3	4	7	5	13	8	5	45	16	13
HC0165	Carolina East Home Care	Craven	Jones	0	2	6	2	7	7	2	26	10	9
HC0316	Liberty Home Care	Onslow	Jones	0	1	3	3	10	3	3	23	7	6
HC1209	Continuum Home Care and Hospice	Onslow	Jones	0	0	1	0	1	0	1	3	1	1
HC0053	Carolina East Home Care and Hospice	Duplin	Jones	0	0	0	0	0	1	0	1	0	1
HC0507	3НС	Johnston	Jones	0	0	0	0	0	0	1	1	0	1
HC0493	Craven County Health Dept. Home Health-Hospice	Craven	Jones	0	0	0	0	0	0	1	1	0	1
HC1353	Liberty Home Care	Carteret	Jones	0	0	0	0	0	0	1	1	0	1
			Jones Total	3	10	26	15	63	63	49	229	51	112
HC0426	Liberty Home Care	Lee	Lee	3	32	128	70	174	217	132	756	230	349
HC0332	FirstHealth Home Care	Moore	Lee	13	19	53	26	58	50	23	242	98	73
HC0918	Heartland Home Health Care	Wake	Lee	0	0	2	3	7	14	44	70	5	58
HC0166	Amedisys Home Health of Chapel Hill	Orange	Lee	0	0	2	1	3	5	1	12	3	6
HC0125	Liberty Home Care	Harnett	Lee	0	1	1	3	0	4	2	11	5	6
HC0283	Cape Fear Valley Home Care and Hospice	Cumberland	Lee	3	0	2	0	0	0	0	5	2	0
HC0359	HealthKeeperz	Cumberland	Lee	1	1	1	0	0	0	0	3	2	0
HC1437	Professional Nursing Service and Home Health	Wake	Lee	2	0	0	0	0	0	0	2	0	0
HC0423	FirstHealth Home Care-Richmond	Richmond	Lee	0	0	0	0	0	1	0	1	0	1
HC0528	Liberty Home Care	Chatham	Lee	0	0	0	0	1	0	0	1	0	0
HC0002	Liberty Home Care	Moore	Lee	0	0	1	0	0	0	0	1	1	0

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75 +
Lic. II	Tunic	County	Lee Total	22	53	190	103	243	291	202	1,104	346	493
HC0428	Tar Heel Home Health	Lenoir	Lenoir	2	36	140	79	187	323	208	975	255	531
HC0195	3НС	Lenoir	Lenoir	15	27	128	57	106	143	83	559	212	226
	Tar Heel Home Health	Lenoir	Lenoir	3	4	15	4	28	34	18	106	23	52
HC0168	Greene Regional Home Health	Greene	Lenoir	1	4	9	2	10	12	10	48	15	22
HC1443	University Health Systems Home Health & Hospice	Pitt	Lenoir	1	7	14	5	9	5	2	43	26	7
HC0053	Carolina East Home Care and Hospice	Duplin	Lenoir	0	1	9	1	11	13	6	41	11	19
HC1299	Tar Heel Home Health	Wayne	Lenoir	1	0	11	3	3	5	2	25	14	7
HC0228	3НС	Wayne	Lenoir	0	1	1	0	2	2	1	7	2	3
HC1209	Continuum Home Care and Hospice	Onslow	Lenoir	0	0	0	0	2	1	1	4	0	2
HC0431	Tar Heel Home Health	Jones	Lenoir	0	0	0	1	0	0	1	2	1	1
		1	Lenoir Total	23	80	327	152	358	538	332	1,810	559	870
HC0268	Total Care Home Health	Gaston	Lincoln	1	10	92	46	114	155	110	528	148	265
HC0391	Lincoln County Home Health	Lincoln	Lincoln	10	21	55	39	84	131	85	425	115	216
HC0906	Advanced Home Care	Gaston	Lincoln	2	11	37	21	37	37	15	160	69	52
HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Lincoln	7	8	43	12	25	32	24	151	63	56
HC0356	Home Health Professionals	Gaston	Lincoln	0	13	43	11	18	30	17	132	67	47
HC0159	Gentiva Health Services	Iredell	Lincoln	0	3	13	12	25	26	25	104	28	51
HC0353	Emerald Care	Gaston	Lincoln	0	3	11	6	24	32	20	96	20	52
HC1903	Interim HealthCare of the Triad	Gaston	Lincoln	21	9	22	18	6	5	4	85	49	9
HC1325	Lake Norman Regional Medical Center-Home Care	Iredell	Lincoln	0	0	6	6	11	12	5	40	12	17
HC0490	Catawba County Home Health	Catawba	Lincoln	2	2	2	2	4	2	1	15	6	3
HC0042	Healthy@Home-Cleveland Co Health Care System	Cleveland	Lincoln	1	0	1	2	3	1	0	8	3	1
HC0227	Gentiva Health Services	Catawba	Lincoln	0	0	2	0	1	2	1	6	2	3
HC1902	Interim HealthCare of the Triad	Catawba	Lincoln	0	1	1	0	3	0	0	5	2	0
HC3694	Liberty Home Care and Hospice	Mecklenburg	Lincoln	0	0	0	0	2	0	0	2	0	0
	Iredell Home Health	Iredell	Lincoln	0	1	0	0	0	1	0	2	1	1
HC0171	Advanced Home Care	Mecklenburg	Lincoln	0	0	1	0	0	0	0	1	1	0
		I	Lincoln Total	44	82	329	175	357	466	307	1,760	586	773
	Angel Home Health and Hospice	Macon	Macon	11	15	68	41	112	162	144	553	124	306
HC0157	WestCare Home Health and Hospice Services	Jackson	Macon	9	3	19	14	29	36	13	123	36	49
1100410	W	26.11	Macon Total	20	18	87	55	141	198	157	676	160	355
	Madison Home Care and Hospice	Madison	Madison	1	7	33	22	54	74	69	260	62	143
	Care Partners Home Health Services	Buncombe	Madison	10	16	46	19	48	71	35	245	81	106
	Tar Heel Home Health	Buncombe	Madison	0	2	14	9	21	32	13	91	25	45
HC0279	Care Partners Home Health Services	Haywood	Madison	0	0	3	0	1	5	1	10	3	6

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility	Resident	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75 +
Lic. π	rame	County	County Madison Total	11	25	96	50	124	182	118	606	171	300
HC0525	Roanoke Home Care and Hospice		Martin	19	19	64	26	131	453	125	837	109	578
	Tar Heel Home Health	Beaufort	Martin	0	12	27	14	38	45	23	159	53	68
	University Health Systems Home Health & Hospice		Martin	1	5	24	9	13	15	1	68	38	16
HC0509		Pitt	Martin	1	0	3	2	8	6	7	27	5	13
HC1634	Beaufort Regional Home Health	Beaufort	Martin	0	2	1	1	4	4	5	17	4	9
	Tar Heel Home Health	Pitt	Martin	0	0	1	0	3	3	0	7	1	3
			Martin Total	21	38	120	52	197	526	161	1,115	210	687
HC0435	McDowell Home Health	McDowell	McDowell	35	63	165	80	159	194	137	833	308	331
HC0105	Blue Ridge Home Care	Burke	McDowell	0	7	43	29	42	52	15	188	79	67
HC2114	Tar Heel Home Health	Buncombe	McDowell	0	0	4	3	4	3	7	21	7	10
HC0186	Carolina Home Care	Rutherford	McDowell	2	3	7	2	3	0	0	17	12	0
HC0114	Care Partners Home Health Services	Buncombe	McDowell	0	0	0	0	1	0	0	1	0	0
HC1038	Healthy@Home-Carolinas Medical Center	Mecklenburg	McDowell	1	0	0	0	0	0	0	1	0	0
		M	cDowell Total	38	73	219	114	209	249	159	1,061	406	408
HC0171	Advanced Home Care	Mecklenburg	Mecklenburg	8	181	496	214	538	687	441	2565	891	1128
HC0787	Gentiva Health Services	Mecklenburg	Mecklenburg	1	99	519	278	598	567	307	2369	896	874
HC0097	Total Care Home Health	Mecklenburg	Mecklenburg	1	37	130	69	236	496	654	1623	236	1150
HC1901	Interim HealthCare of the Triad	Mecklenburg	Mecklenburg	208	177	362	150	305	249	141	1592	689	390
HC1038	Healthy@Home-Carolinas Medical Center	Mecklenburg	Mecklenburg	224	147	310	132	170	187	142	1312	589	329
HC0138	Total Care Home Health	Mecklenburg	Mecklenburg	0	34	137	65	142	217	217	812	236	434
HC0355	Home Health Professionals	Mecklenburg	Mecklenburg	0	28	101	43	94	131	93	490	172	224
HC3694	Liberty Home Care and Hospice	Mecklenburg	Mecklenburg	0	8	49	22	78	84	65	306	79	149
HC0281	Advanced Home Care	Cabarrus	Mecklenburg	2	10	29	17	34	31	16	139	56	47
HC1325	Lake Norman Regional Medical Center-Home Care	Iredell	Mecklenburg	2	2	22	11	16	22	7	82	35	29
HC0356	Home Health Professionals	Gaston	Mecklenburg	0	6	29	16	15	8	5	79	51	13
HC0353	Emerald Care	Gaston	Mecklenburg	0	1	7	5	9	27	28	77	13	55
HC0369	Hospice and Palliative Care Charlotte	Mecklenburg	Mecklenburg	38	0	0	0	0	0	0	38	0	0
HC0399	Advanced Home Care	Rowan	Mecklenburg	0	1	1	0	2	1	1	6	2	2
HC0297	Advanced Home Care	Guilford	Mecklenburg	0	0	1	0	0	1	2	4	1	3
HC0308	Home Care of the Carolinas	Stanly	Mecklenburg	0	0	0	1	1	1	0	3	1	1
HC0515	Iredell Home Health	Iredell	Mecklenburg	1	0	1	0	0	1	0	3	1	1
HC0906	Advanced Home Care	Gaston	Mecklenburg	1	0	0	0	2	0	0	3	0	0
HC0499	Advanced Home Care	Forsyth	Mecklenburg	0	0	1	0	0	1	0	2	1	1
HC0486	Cabarrus Health Alliance/Home Health	Cabarrus	Mecklenburg	1	0	0	0	0	0	0	1	0	0
HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Mecklenburg	0	0	0	1	0	0	0	1	1	0

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility	Resident	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75 +
LIC. π	Ivame	County	County denburg Total	487	731	2,195	1,024	2,240	2,711	2,119	11,507	3,950	4,830
HC0319	Mitchell County Home Health	Mitchell	Mitchell	15	20	68	24	111	121	95	454	112	216
	Care Partners Home Health Services	Buncombe	Mitchell	0	2	12	10	23	25	13	85	24	38
	Liberty Home Care	Surry	Mitchell	0	0	0	0	2	1	0	3	0	1
			Mitchell Total	15	22	80	34	136	147	108	542	136	255
HC2404	Home Care of the Carolinas	Montgomery	Montgomery	27	20	60	35	80	115	95	432	115	210
HC0423	FirstHealth Home Care-Richmond	Richmond	Montgomery	0	9	41	21	41	55	32	199	71	87
HC0281	Advanced Home Care	Cabarrus	Montgomery	2	10	29	17	34	31	16	139	56	47
HC0953	Gentiva Health Services	Randolph	Montgomery	0	5	26	5	19	13	8	76	36	21
HC0522	Home Health of Randolph Hospital	Randolph	Montgomery	0	7	10	5	6	7	4	39	22	11
HC0002	Liberty Home Care	Moore	Montgomery	0	0	3	4	8	6	7	28	7	13
HC0332	FirstHealth Home Care	Moore	Montgomery	19	0	1	1	2	1	1	25	2	2
HC0403	HealthKeeperz	Scotland	Montgomery	3	4	2	0	2	1	0	12	6	1
HC0308	Home Care of the Carolinas	Stanly	Montgomery	2	0	2	2	3	0	0	9	4	0
HC0929	CareSouth Homecare Professionals	Randolph	Montgomery	0	0	1	1	0	1	2	5	2	3
HC0397	Hospice of Randolph County	Randolph	Montgomery	0	0	1	0	1	0	0	2	1	0
HC0264	Liberty Home Care	Anson	Montgomery	0	0	0	0	0	1	0	1	0	1
		Mon	tgomery Total	53	55	176	91	196	231	165	967	322	396
HC0332	FirstHealth Home Care	Moore	Moore	58	24	189	88	307	367	198	1231	301	565
HC0002	Liberty Home Care	Moore	Moore	0	12	63	48	110	149	155	537	123	304
HC0403	HealthKeeperz	Scotland	Moore	28	21	60	23	61	102	78	373	104	180
HC0125	Liberty Home Care	Harnett	Moore	0	5	8	5	6	10	3	37	18	13
HC0423	FirstHealth Home Care-Richmond	Richmond	Moore	0	5	5	2	3	7	3	25	12	10
HC2404	Home Care of the Carolinas	Montgomery	Moore	9	0	6	0	5	1	2	23	6	3
HC0426	Liberty Home Care	Lee	Moore	0	0	5	1	5	6	2	19	6	8
HC0929	CareSouth Homecare Professionals	Randolph	Moore	0	2	1	1	0	3	0	7	4	3
HC0277	Liberty Home Care	Hoke	Moore	0	1	1	0	0	3	0	5	2	3
HC3421	Native Angels Home Health	Cumberland	Moore	0	0	1	0	1	1	1	4	1	2
HC0509	3НС	Pitt	Moore	0	0	0	0	1	0	0	1	0	0
HC0255	3НС	Sampson	Moore	1	0	0	0	0	0	0	1	0	0
HC0274	Liberty Home Care	Cumberland	Moore	0	1	0	0	0	0	0	1	1	0
HC0397	Hospice of Randolph County	Randolph	Moore	1	0	0	0	0	0	0	1	0	0
			Moore Total	97	71	339	168	499	649	442	2,265	578	1,091
HC0520	Nash County Home Health	Nash	Nash	18	38	146	76	187	258	225	948	260	483
	Tar Heel Home Health	Nash	Nash	0	12	87	43	150	197	151	640	142	348
HC0508	3HC	Wilson	Nash	14	16	61	27	47	31	11	207	104	42

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0074	At Home Quality Care	Wake	Nash	4	1	6	1	2	0	0	14	8	0
HC0918	Heartland Home Health Care	Wake	Nash	0	0	2	1	1	3	0	7	3	3
HC0500	Franklin County Home Health	Franklin	Nash	0	1	4	1	0	0	0	6	6	0
HC2112	Medi Home Health Agency	Wake	Nash	0	1	0	0	2	1	1	5	1	2
HC0507	3НС	Johnston	Nash	0	0	0	1	2	0	1	4	1	1
HC2562	Liberty Home Care	Wake	Nash	0	1	2	0	0	0	0	3	3	0
HC1293	WakeMed Home Health	Wake	Nash	0	0	0	0	0	1	0	1	0	1
HC1437	Professional Nursing Service and Home Health	Wake	Nash	1	0	0	0	0	0	0	1	0	0
HC0498	Edgecombe County Health Dept	Edgecombe	Nash	0	0	1	0	0	0	0	1	1	0
			Nash Total	37	70	309	150	391	491	389	1,837	529	880
HC1231	Well Care Home Health	New Hanover	New Hanover	106	125	334	140	362	422	345	1834	599	767
HC0196	Liberty Home Care	New Hanover	New Hanover	5	38	227	130	373	474	421	1668	395	895
HC1500	Assisted Care Home Health	Brunswick	New Hanover	24	29	123	60	170	245	32	683	212	277
HC0532	Pender Home Health	Pender	New Hanover	8	23	99	52	101	111	69	463	174	180
HC0492	Columbus County Home Health	Columbus	New Hanover	0	0	0	0	0	0	1	1	0	1
HC1241	Liberty Home Care	Pender	New Hanover	0	0	0	0	1	0	0	1	0	0
HC0320	Liberty Home Care	Columbus	New Hanover	0	0	0	0	0	1	0	1	0	1
New Hanover Total												4.000	
		New I	Hanover Total	143	215	783	382	1,007	1,253	868	4,651	1,380	2,121
HC0530	Northampton Co. Home Health		Hanover Total Northampton	143 5	215 24	783 74	382 36	1,007 108	1,253 157	868 117	4,651 521	1,380 134	2,121 274
	Northampton Co. Home Health Hertford-Gates Home Health							,	-				274
HC0504		Northampton Hertford	Northampton	5	24	74	36	108	157	117	521	134	274
HC0504 HC1052	Hertford-Gates Home Health	Northampton Hertford	Northampton Northampton	5 1	24	74 5	36 2	108	157	117 2	521 22	134 7	274
HC0504 HC1052 HC0497	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health	Northampton Hertford Bertie Nash	Northampton Northampton Northampton Northampton ampton Total	5 1 0 0	24 0 0 0 24	74 5 0 0 79	36 2 0 1 39	108 6 2 1 117	157 6 2 1 166	117 2 3 2 124	521 22 7 5 555	134 7 0 1 142	274 8 5 3 290
HC0504 HC1052 HC0497 HC0316	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care	Northampton Hertford Bertie Nash North Onslow	Northampton Northampton Northampton Northampton ampton Total Onslow	5 1 0 0 6 7	24 0 0 0 0 24 37	74 5 0 0 79 159	36 2 0 1 39 73	108 6 2 1 117 184	157 6 2 1 166 164	117 2 3 2 124 107	521 22 7 5 555 731	134 7 0 1 142 269	274 8 5 3 290 271
HC0504 HC1052 HC0497 HC0316 HC0531	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice	Northampton Hertford Bertie Nash North Onslow Onslow	Northampton Northampton Northampton Northampton nampton Total Onslow Onslow	5 1 0 0 6 7 63	24 0 0 0 0 24 37 70	74 5 0 0 79 159 83	36 2 0 1 39 73 40	108 6 2 1 117 184 89	157 6 2 1 166	117 2 3 2 124 107 68	521 22 7 5 5 555 731 517	134 7 0 1 142 269 193	274 8 5 3 290 271 172
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice	Northampton Hertford Bertie Nash North Onslow	Northampton Northampton Northampton Northampton Total Onslow Onslow Onslow	5 1 0 0 6 7 63 6	24 0 0 0 0 24 37 70 31	74 5 0 0 79 159 83 70	36 2 0 1 39 73 40 22	108 6 2 1 117 184 89 113	157 6 2 1 166 164 104 116	117 2 3 2 124 107 68 60	521 22 7 5 555 731 517 418	134 7 0 1 142 269 193 123	274 8 5 3 290 271 172 176
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health	Northampton Hertford Bertie Nash North Onslow Onslow Onslow Jones	Northampton Northampton Northampton Northampton Total Onslow Onslow Onslow Onslow	5 1 0 0 6 7 63 6	24 0 0 0 24 37 70 31	74 5 0 0 79 159 83 70 32	36 2 0 1 39 73 40 22	108 6 2 1 117 184 89 113 51	157 6 2 1 166 164 104 116 64	117 2 3 2 124 107 68 60 42	521 22 7 5 555 731 517 418 212	134 7 0 1 142 269 193 123 55	274 8 5 3 290 271 172 176 106
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431 HC1231	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health Well Care Home Health	Northampton Hertford Bertie Nash North Onslow Onslow Onslow	Northampton Northampton Northampton Northampton Total Onslow Onslow Onslow	5 1 0 0 6 7 63 6 0	24 0 0 0 24 37 70 31 6 15	74 5 0 0 79 159 83 70 32	36 2 0 1 39 73 40 22 17	108 6 2 1 117 184 89 113 51 37	157 6 2 1 166 164 104 116 64 31	117 2 3 2 124 107 68 60 42	521 22 7 5 5 555 731 517 418 212	134 7 0 1 142 269 193 123 55 78	274 8 5 3 290 271 172 176 106 49
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431 HC1231 HC1231	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health Well Care Home Health 3HC	Northampton Hertford Bertie Nash North Onslow Onslow Onslow Jones	Northampton Northampton Northampton Northampton Total Onslow Onslow Onslow Onslow	5 1 0 0 6 7 63 6 0 12	24 0 0 0 24 37 70 31	74 5 0 0 79 159 83 70 32	36 2 0 1 39 73 40 22	108 6 2 1 117 184 89 113 51	157 6 2 1 166 164 104 116 64 31	117 2 3 2 124 107 68 60 42 18 22	521 22 7 5 555 731 517 418 212 176	134 7 0 1 142 269 193 123 55 78 48	274 8 5 3 290 271 172 176 106 49 38
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431 HC1231 HC1231	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health Well Care Home Health	Northampton Hertford Bertie Nash North Onslow Onslow Onslow Jones New Hanover	Northampton Northampton Northampton Northampton mampton Total Onslow Onslow Onslow Onslow Onslow Onslow	5 1 0 0 6 7 63 6 0	24 0 0 0 24 37 70 31 6 15	74 5 0 0 79 159 83 70 32 47 26	36 2 0 1 39 73 40 22 17	108 6 2 1 117 184 89 113 51 37 29 6	157 6 2 1 166 164 104 116 64 31	117 2 3 2 124 107 68 60 42 18 22	521 22 7 5 5 555 731 517 418 212	134 7 0 1 142 269 193 123 55 78	274 8 5 3 290 271 172 176 106 49
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431 HC1231 HC0506 HC0073	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health Well Care Home Health 3HC	Northampton Hertford Bertie Nash North Onslow Onslow Onslow Jones New Hanover Jones	Northampton Northampton Northampton Northampton Total Onslow Onslow Onslow Onslow Onslow Onslow Onslow	5 1 0 0 6 7 63 6 0 12 4 0	24 0 0 0 24 37 70 31 6 15 9 1	74 5 0 0 79 159 83 70 32 47 26	36 2 0 1 39 73 40 22 17 16 13	108 6 2 1 117 184 89 113 51 37	157 6 2 1 166 164 104 116 64 31	117 2 3 2 124 107 68 60 42 18 22	521 22 7 5 55 555 731 517 418 212 176 119	134 7 0 1 142 269 193 123 55 78 48	274 8 5 3 290 271 172 176 106 49 38 32 13
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431 HC1231 HC0506 HC0073	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health Well Care Home Health 3HC Tar Heel Home Health	Northampton Hertford Bertie Nash North Onslow Onslow Jones New Hanover Jones Carteret	Northampton Northampton Northampton Northampton Total Onslow Onslow Onslow Onslow Onslow Onslow Onslow Onslow Onslow	5 1 0 0 6 7 63 6 0 12 4	24 0 0 0 24 37 70 31 6 15 9	74 5 0 0 79 159 83 70 32 47 26	36 2 0 1 39 73 40 22 17 16	108 6 2 1 117 184 89 113 51 37 29 6	157 6 2 1 166 164 104 116 64 31 16	117 2 3 2 124 107 68 60 42 18 22	521 22 7 5 555 731 517 418 212 176 119	134 7 0 1 142 269 193 123 55 78 48 3	274 8 5 3 290 271 172 176 106 49 38 32
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431 HC1231 HC0506 HC0073 HC0532	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health Well Care Home Health 3HC Tar Heel Home Health Pender Home Health	Northampton Hertford Bertie Nash North Onslow Onslow Jones New Hanover Jones Carteret Pender	Northampton Northampton Northampton Northampton Northampton Total Onslow	5 1 0 0 6 7 63 6 0 12 4 0	24 0 0 0 24 37 70 31 6 15 9 1	74 5 0 0 79 159 83 70 32 47 26 1	36 2 0 1 39 73 40 22 17 16 13	108 6 2 1 117 184 89 113 51 37 29 6	157 6 2 1 166 164 104 116 64 31 16 23	117 2 3 2 124 107 68 60 42 18 22 9	521 22 7 5 555 731 517 418 212 176 119 41	134 7 0 1 142 269 193 123 55 78 48 3 13	274 8 5 3 290 271 172 176 106 49 38 32
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431 HC0506 HC0073 HC0532 HC1353 HC1241	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health Well Care Home Health 3HC Tar Heel Home Health Pender Home Health Liberty Home Care	Northampton Hertford Bertie Nash North Onslow Onslow Jones New Hanover Jones Carteret Pender Carteret	Northampton Northampton Northampton Northampton Total Onslow	5 1 0 0 6 7 63 6 0 12 4 0 1 0 0	24 0 0 0 24 37 70 31 6 15 9 1 2 0 0	74 5 0 0 79 159 83 70 32 47 26 1 7 3 0 3	36 2 0 1 39 73 40 22 17 16 13 1 4 5	108 6 2 1 117 184 89 113 51 37 29 6 7 11 1	157 6 2 1 166 164 104 116 64 31 16 23 8 6	117 2 3 2 124 107 68 60 42 18 22 9 5 6	521 22 7 5 555 731 517 418 212 176 119 41 34	134 7 0 1 142 269 193 123 55 78 48 3 13 8 3	274 8 5 3 290 271 172 176 106 49 38 32 13 12 4
HC0504 HC1052 HC0497 HC0316 HC0531 HC1209 HC0431 HC1231 HC0506 HC0073 HC0532 HC1353 HC1241 HC0053	Hertford-Gates Home Health University Health Systems Home Health & Hospice Tar Heel Home Health Liberty Home Care Onslow County Home Health and Hospice Continuum Home Care and Hospice Tar Heel Home Health Well Care Home Health 3HC Tar Heel Home Health Pender Home Health Liberty Home Care Liberty Home Care	Northampton Hertford Bertie Nash North Onslow Onslow Jones New Hanover Jones Carteret Pender Carteret Pender	Northampton Northampton Northampton Northampton Northampton Total Onslow	5 1 0 0 6 7 63 6 0 12 4 0	24 0 0 0 24 37 70 31 6 15 9 1 2 0	74 5 0 0 79 159 83 70 32 47 26 1 7	36 2 0 1 39 73 40 22 17 16 13 1 4	108 6 2 1 117 184 89 113 51 37 29 6 7	157 6 2 1 166 164 104 116 64 31 16 23 8 6	117 2 3 2 124 107 68 60 42 18 22 9 5 6 4	521 22 7 5 555 731 517 418 212 176 119 41 34	134 7 0 1 142 269 193 123 55 78 48 3 13 8	274 8 5 3 290 271 172 176 106 49 38 32 13 12 4

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility	Resident	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75 +
LIC. #	Name	County	County Onslow Total	93	172	433	194	533	534	344	2,303	799	878
HC0030	UNC Home Health	Orange	Orange	0	20	109	194	117	168	113	2,303 571	173	281
	Liberty Home Care	Durham	Orange	2	6	66	41	58	62	63	298	113	125
	Duke Home Health	Durham	Orange	14	17	66	38	63	61	34	293	121	95
	Amedisys Home Health of Chapel Hill	Orange	Orange	0	3	13	11	19	35	55	136	27	90
	Home Health Professionals	Person	Orange	16	3	11	6	10	26	27	99	20	53
	Life Path Home Health	Alamance	Orange	5	0	0	3	16	22	14	60	3	36
	Tar Heel Home Health	Durham	Orange	0	1	7	0	12	19	15	54	8	34
	At Home Quality Care	Wake	Orange	7	6	15	2	6	6	3	45	23	9
	Advanced Home Care	Alamance	Orange	1	1	7	6	15	8	5	43	14	13
	Heartland Home Health Care	Wake	Orange	0	0	5	4	4	8	13	34	9	21
	Amedisys Home Health	Alamance	Orange	0	0	4	1	7	11	10	33	5	21
	Medi Home Health Agency	Wake	Orange	0	0	5	0	2	10	10	27	5	20
	UNC Home Health	Chatham	Orange	0	1	3	0	2	7	1	14	4	8
HC2803	UNC Home Health	Chatham	Orange	0	1	3	0	2	7	1	14	4	8
HC0339	Intrepid USA Healthcare Services	Wake	Orange	0	1	0	0	3	3	1	8	1	4
HC0828	Pediatric Services of America	Wake	Orange	6	0	0	0	0	0	0	6	0	0
HC0489	Caswell County Home Health	Caswell	Orange	1	0	1	1	0	1	0	4	2	1
HC0507	3НС	Johnston	Orange	2	0	0	0	0	0	0	2	0	0
HC0303	CareSouth Homecare Professionals	Guilford	Orange	0	0	0	0	0	0	1	1	0	1
HC0332	FirstHealth Home Care	Moore	Orange	1	0	0	0	0	0	0	1	0	0
HC1437	Professional Nursing Service and Home Health	Wake	Orange	1	0	0	0	0	0	0	1	0	0
HC1177	Liberty Home Care	Guilford	Orange	0	0	0	1	0	0	0	1	1	0
HC0499	Advanced Home Care	Forsyth	Orange	0	0	0	0	0	0	1	1	0	1
HC0399	Advanced Home Care	Rowan	Orange	0	0	0	0	0	1	0	1	0	1
			Orange Total	56	60	315	158	336	455	367	1,747	533	822
HC0165	Carolina East Home Care	Craven	Pamlico	0	2	17	6	39	45	16	125	25	61
HC0431	Tar Heel Home Health	Jones	Pamlico	0	4	16	11	12	23	19	85	31	42
HC1634	Beaufort Regional Home Health	Beaufort	Pamlico	0	1	0	3	1	1	2	8	4	3
HC0493	Craven County Health Dept. Home Health-Hospice	Craven	Pamlico	0	0	1	0	0	3	0	4	1	3
			Pamlico Total	0	7	34	20	52	72	37	222	61	109
HC0471	Albemarle Home Care	Pasquotank	Pasquotank	15	42	101	54	120	159	150	641	197	309
HC1071	Sentara Home Care Services	Pasquotank	Pasquotank	12	13	48	14	25	17	7	136	75	24
HC0474	Albemarle Home Care	Chowan	Pasquotank	0	0	0	0	0	0	1	1	0	1
			quotank Total	27	55	149	68	145	176	158	778	272	334
HC0532	Pender Home Health	Pender	Pender	12	38	162	85	166	182	113	758	285	295

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

"		Facility	Resident										
Lic. #	Name	County	County	< 18	18-40	41-59	60-64	65-74		85 and >	Total	18-64	75+
	Well Care Home Health		Pender	21	25	59	31	77	93	45	351	115	138
	Liberty Home Care	Pender	Pender	0	6	43	22	58	64	30	223	71	94
	Assisted Care Home Health	Brunswick	Pender	1	2	10	6	21	13	7	60	18	20
	Carolina East Home Care and Hospice	Duplin	Pender	0	1	3	0	2	2	3	11	4	5
HC0316	Liberty Home Care	Onslow	Pender	0	0	2	1	1	4	2	10	3	6
HC1565	Tar Heel Home Health	Lenoir	Pender	1	1	0	0	1	0	2	5	1	2
HC1209	Continuum Home Care and Hospice	Onslow	Pender	0	0	1	1	2	1	0	5	2	1
HC0196	Liberty Home Care	New Hanover	Pender	0	0	2	0	1	1	0	4	2	1
HC0257	Sampson Home Health	Sampson	Pender	0	0	0	0	1	0	0	1	0	0
HC0509	3НС	Pitt	Pender	0	0	0	0	0	1	0	1	0	1
			Pender Total	35	73	282	146	330	361	202	1,429	501	563
HC1071	Sentara Home Care Services	Pasquotank	Perquimans	3	2	6	4	11	4	0	30	12	4
HC0471	Albemarle Home Care	Pasquotank	Perquimans	0	0	0	0	1	0	0	1	0	0
HC0474	Albemarle Home Care	Chowan	Perquimans	0	0	0	0	1	0	0	1	0	0
		Pero	quimans Total	3	2	6	4	13	4	0	32	12	4
HC0354	Home Health Professionals	Person	Person	16	17	73	46	102	130	111	495	136	241
HC0533	Home Health and Hospice of Person Co	Person	Person	6	12	50	22	56	69	42	257	84	111
HC0360	Duke Home Health	Durham	Person	1	16	48	16	32	32	12	157	80	44
HC1176	Liberty Home Care	Durham	Person	0	1	10	3	20	6	9	49	14	15
HC0145	Amedisys Home Health	Durham	Person	0	1	4	6	10	7	4	32	11	11
HC2111	Tar Heel Home Health	Durham	Person	0	0	0	1	4	1	1	7	1	2
HC0166	Amedisys Home Health of Chapel Hill	Orange	Person	0	0	3	0	0	2	0	5	3	2
HC0339	Intrepid USA Healthcare Services	Wake	Person	0	0	2	0	0	2	1	5	2	3
HC0134	Amedisys Home Health	Alamance	Person	0	0	1	1	0	1	1	4	2	2
HC0361	Life Path Home Health	Alamance	Person	0	0	0	0	0	1	1	2	0	2
HC0918	Heartland Home Health Care	Wake	Person	0	0	0	0	0	1	0	1	0	1
HC0828	Pediatric Services of America	Wake	Person	1	0	0	0	0	0	0	1	0	0
HC0074	At Home Quality Care	Wake	Person	0	1	0	0	0	0	0	1	1	0
			Person Total	24	48	191	95	224	252	182	1,016	334	434
HC1443	University Health Systems Home Health & Hospice	Pitt	Pitt	18	68	267	112	263	243	148	1119	447	391
HC0328	Tar Heel Home Health	Pitt	Pitt	2	26	113	73	232	310	243	999	212	553
HC0509	3НС	Pitt	Pitt	28	32	114	43	88	68	48	421	189	116
HC0168	Greene Regional Home Health	Greene	Pitt	1	2	7	5	7	11	9	42	14	20
HC0428	Tar Heel Home Health	Lenoir	Pitt	1	1	2	4	14	10	8	40	7	18
HC0329	Tar Heel Home Health	Beaufort	Pitt	0	1	1	1	2	2	1	8	3	3
HC1634	Beaufort Regional Home Health	Beaufort	Pitt	0	1	0	0	3	1	0	5	1	1

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74		85 and >	Total	18-64	75+
HC0431	Tar Heel Home Health	Jones	Pitt	0	0	0	1	2	1	1	5	1	2
HC0507	3НС	Johnston	Pitt	0	0	1	0	0	1	0	2	1	1
HC0508	3НС	Wilson	Pitt	0	1	1	0	0	0	0	2	2	0
HC0497	Tar Heel Home Health	Nash	Pitt	0	0	0	0	1	0	0	1	0	0
HC0228	3НС	Wayne	Pitt	0	0	0	0	0	1	0	1	0	1
HC0195	3НС	Lenoir	Pitt	0	0	1	0	0	0	0	1	1	0
		I.	Pitt Total	50	132	507	239	612	648	458	2,646	878	1,106
HC0436	Polk Home Health	Polk	Polk	4	6	38	22	56	79	61	266	66	140
HC2114	Tar Heel Home Health	Buncombe	Polk	0	1	13	6	15	37	52	124	20	89
HC0201	Pardee Home Care	Henderson	Polk	0	0	8	3	15	11	6	43	11	17
HC0186	Carolina Home Care	Rutherford	Polk	1	3	9	4	4	10	3	34	16	13
HC0911	Park Ridge Home Health	Henderson	Polk	0	0	4	1	1	2	3	11	5	5
HC0440	Care Partners Home Health Services	Henderson	Polk	0	0	2	1	0	2	0	5	3	2
			Polk Total	5	10	74	37	91	141	125	483	121	266
HC0522	Home Health of Randolph Hospital	Randolph	Randolph	132	60	165	93	203	366	303	1322	318	669
HC0297	Advanced Home Care	Guilford	Randolph	33	47	156	74	169	132	62	673	277	194
HC0953	Gentiva Health Services	Randolph	Randolph	0	21	121	66	132	135	65	540	208	200
HC0929	CareSouth Homecare Professionals	Randolph	Randolph	0	14	62	27	38	56	48	245	103	104
HC0397	Hospice of Randolph County	Randolph	Randolph	28	10	21	5	22	27	22	135	36	49
HC0528	Liberty Home Care	Chatham	Randolph	1	1	14	6	18	15	17	72	21	32
HC1286	Home Health Professionals	Guilford	Randolph	0	3	12	6	11	15	9	56	21	24
HC0124	Liberty Home Care	Davidson	Randolph	0	2	7	2	11	11	3	36	11	14
HC0495	Amedisys Home Health of Lexington	Davidson	Randolph	0	1	6	3	6	7	10	33	10	17
HC1885	Interim HealthCare of the Triad	Guilford	Randolph	2	1	4	0	6	5	3	21	5	8
HC0521	Piedmont Home Care	Davidson	Randolph	2	0	1	0	3	4	4	14	1	8
HC1177	Liberty Home Care	Guilford	Randolph	0	0	0	2	6	1	1	10	2	2
HC0952	Gentiva Health Services	Guilford	Randolph	0	0	2	2	1	2	2	9	4	4
HC0395	Care Connection	Guilford	Randolph	0	0	2	1	4	1	1	9	3	2
HC2404	Home Care of the Carolinas	Montgomery	Randolph	1	0	1	0	3	2	0	7	1	2
HC0002	Liberty Home Care	Moore	Randolph	0	0	0	2	3	2	0	7	2	2
HC0358	Home Health Professionals	Davidson	Randolph	0	0	0	0	2	1	0	3	0	1
HC0217	Advanced Home Care	Rockingham	Randolph	0	0	0	1	1	0	0	2	1	0
HC1104	CareSouth Homecare Professionals	Davidson	Randolph	0	0	1	0	0	1	0	2	1	1
HC1131	Gentiva Health Services	Forsyth	Randolph	0	0	1	1	0	0	0	2	2	0
HC0409	Hospice and Palliative Care Center	Forsyth	Randolph	1	0	0	0	0	0	0	1	0	0
HC0399	Advanced Home Care	Rowan	Randolph	0	0	0	0	1	0	0	1	0	0

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility	Resident	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
	Life Path Home Health	Alamance	County Randolph	0	0	0	0	03-74	13-04	03 and >	1 otal	0	13+
	Advanced Home Care	Mecklenburg	Randolph	0	0	0	0	0	0	1	1	0	1
	Gentiva Health Services	_	Randolph	0	0	0	0	0	1	0	1	0	1
ПС0231	Gentiva Health Services	Forsyth	•	200	160	576	291	640	785	551	3,203	1,027	1,336
HC0423	FirstHealth Home Care-Richmond	Richmond	andolph Total Richmond	0	26	127	66	148	158	101	626	219	259
	Liberty Home Care	Anson	Richmond	0	9	61	22	73	83	43	291	92	126
	HealthKeeperz	Scotland	Richmond	12	22	33	17	42	30	36	192	72	66
	FirstHealth Home Care	Moore	Richmond	43	1	2	3	1	0	0	50	6	0
	Home Care of the Carolinas	Montgomery	Richmond	1	0	6	3	2	1	0	13	9	1
	Liberty Home Care	Robeson	Richmond	0	0	1	0	0	0	1	2	1	1
	Liberty Home Care	Moore	Richmond	0	0	0	0	0	0	2	2	0	2
1100002	Liberty Home Care		chmond Total	56	58	230	111	266	272	183	1,176	399	455
HC1185	HealthKeeperz	Robeson	Robeson	87	132	321	145	272	226	115	1298	598	341
	Southeastern Home Health	Robeson	Robeson	40	79	214	105	236	232	79	985	398	311
	Liberty Home Care	Robeson	Robeson	4	62	229	89	144	143	52	723	380	195
	Robeson County Home Health	Robeson	Robeson	18	21	59	31	62	66	52	309	111	118
	Native Angels Home Health	Cumberland	Robeson	5	22	67	28	63	62	39	286	117	101
	Liberty Home Care	Robeson	Robeson	5	10	26	11	18	16	14	100	47	30
	Liberty Home Care	Hoke	Robeson	4	9	25	10	12	21	16	97	44	37
	Cape Fear Valley Home Care and Hospice	Cumberland	Robeson	49	4	6	5	8	6	5	83	15	11
	Liberty Home Care	Cumberland	Robeson	0	2	0	2	4	1	1	10	4	2
	Amedisys Home Health of Fayetteville	Cumberland	Robeson	0	0	2	0	2	0	0	4	2	0
	Liberty Home Care	Columbus	Robeson	0	0	0	0	0	1	0	1	0	1
HC0332	FirstHealth Home Care	Moore	Robeson	1	0	0	0	0	0	0	1	0	0
HC0125	Liberty Home Care	Harnett	Robeson	0	0	0	0	0	0	1	1	0	1
HC0423	FirstHealth Home Care-Richmond	Richmond	Robeson	0	0	1	0	0	0	0	1	1	0
HC0309	Liberty Home Care	Bladen	Robeson	0	0	0	0	0	1	0	1	0	1
]	Robeson Total	213	341	950	426	821	775	374	3,900	1,717	1,149
HC0217	Advanced Home Care	Rockingham	Rockingham	26	51	223	108	302	342	0	1052	382	342
HC1210	Gentiva Health Services	Forsyth	Rockingham	0	19	109	44	109	97	123	501	172	220
HC0297	Advanced Home Care	Guilford	Rockingham	8	20	44	24	46	38	19	199	88	57
HC0303	CareSouth Homecare Professionals	Guilford	Rockingham	0	3	21	12	23	21	17	97	36	38
HC0134	Amedisys Home Health	Alamance	Rockingham	0	2	8	6	14	20	17	67	16	37
HC0952	Gentiva Health Services	Guilford	Rockingham	2	10	7	2	1	1	23	46	19	24
HC1885	Interim HealthCare of the Triad	Guilford	Rockingham	1	5	9	5	5	5	2	32	19	7
HC1177	Liberty Home Care	Guilford	Rockingham	0	3	6	2	6	6	1	24	11	7

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

	101211. Home Health Bath by County of Fe	Facility	Resident										
Lic. #	Name	County	County	< 18	18-40	41-59	60-64	65-74		85 and >	Total	18-64	75+
	Caswell County Home Health	Caswell	Rockingham	6	1	1	0	0	0	0	8	2	0
	Advanced Home Care	Alamance	Rockingham	1	0	1	0	0	0	0	2	1	0
	Home Health Professionals	Guilford	Rockingham	0	0	0	0	0	1	0	1	0	1
HC0517	Stokes County HHA	Stokes	Rockingham	0	0	0	0	0	1	0	1	0	1
HC0906	Advanced Home Care	Gaston	Rockingham	0	0	0	0	0	1	0	1	0	1
HC0409	Hospice and Palliative Care Center	Forsyth	Rockingham	0	0	0	1	0	0	0	1	1	0
			kingham Total	44	114	429	204	506	533	202	2,032	747	735
	Gentiva Health Services	Rowan	Rowan	3	29	148	64	150	200	242	836	241	442
HC0399	Advanced Home Care	Rowan	Rowan	62	51	168	74	171	192	109	827	293	301
HC0357	Home Health Professionals	Rowan	Rowan	2	26	164	81	189	179	123	764	271	302
HC0281	Advanced Home Care	Cabarrus	Rowan	7	25	111	45	112	116	50	466	181	166
HC0270	Gentiva Health Services	Rowan	Rowan	0	11	73	37	86	69	37	313	121	106
HC0486	Cabarrus Health Alliance/Home Health	Cabarrus	Rowan	18	17	50	18	45	53	61	262	85	114
HC0308	Home Care of the Carolinas	Stanly	Rowan	16	12	20	6	19	14	8	95	38	22
HC0521	Piedmont Home Care	Davidson	Rowan	0	2	20	6	7	5	5	45	28	10
HC0515	Iredell Home Health	Iredell	Rowan	6	1	5	1	5	4	3	25	7	7
HC1325	Lake Norman Regional Medical Center-Home Care	Iredell	Rowan	0	0	0	1	4	7	2	14	1	9
HC0495	Amedisys Home Health of Lexington	Davidson	Rowan	0	0	2	1	1	4	3	11	3	7
HC0170	Gentiva Health Services	Iredell	Rowan	0	0	1	0	2	1	3	7	1	4
HC0171	Advanced Home Care	Mecklenburg	Rowan	0	0	1	0	1	1	0	3	1	1
HC0499	Advanced Home Care	Forsyth	Rowan	1	0	0	0	0	0	0	1	0	0
HC0409	Hospice and Palliative Care Center	Forsyth	Rowan	1	0	0	0	0	0	0	1	0	0
HC3694	Liberty Home Care and Hospice	Mecklenburg	Rowan	0	0	0	0	0	1	0	1	0	1
HC1104	CareSouth Homecare Professionals	Davidson	Rowan	0	0	1	0	0	0	0	1	1	0
			Rowan Total	116	174	764	334	792	846	646	3,672	1,272	1,492
HC0186	Carolina Home Care	Rutherford	Rutherford	47	94	279	99	241	229	131	1120	472	360
HC0221	Total Care Home Health	Cleveland	Rutherford	0	15	91	23	76	106	83	394	129	189
HC0445	Rutherford Home Health Care	Rutherford	Rutherford	11	17	56	45	61	81	83	354	118	164
HC0201	Pardee Home Care	Henderson	Rutherford	0	0	0	2	4	6	4	16	2	10
HC0042	Healthy@Home-Cleveland Co Health Care System	Cleveland	Rutherford	1	2	3	1	3	2	1	13	6	3
		Ru	therford Total	59	128	429	170	385	424	302	1,897	727	726
HC0257	Sampson Home Health	Sampson	Sampson	55	40	124	63	182	266	137	867	227	403
HC0255	3НС	Sampson	Sampson	3	20	93	44	117	99	73	449	157	172
HC0125	Liberty Home Care	Harnett	Sampson	0	2	25	16	20	26	20	109	43	46
HC0274	Liberty Home Care	Cumberland	Sampson	0	5	18	7	17	14	9	70	30	23
HC1565	Tar Heel Home Health	Lenoir	Sampson	0	5	13	7	7	12	4	48	25	16

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

	Name of the Name o	Facility	Resident										
Lic. #	Name	County	County	< 18	18-40	41-59	60-64	65-74		85 and >	Total	18-64	75+
	Cape Fear Valley Home Care and Hospice	Cumberland	Sampson	10	2	4	3	8	3	1	31	9	4
	Liberty Home Care	Bladen	Sampson	0	2	7	2	9	8	2	30	11	10
	Pender Home Health	Pender	Sampson	0	1	3	1	3	4	2	14	5	6
	Liberty Home Care	Pender	Sampson	0	0	1	1	3	3	0	8	2	3
	Carolina East Home Care and Hospice	Duplin	Sampson	1	1	5	0	0	0	1	8	6	1
	Tar Heel Home Health	Wayne	Sampson	0	1	1	0	1	1	1	5	2	2
	HealthKeeperz	Cumberland	Sampson	0	0	0	2	0	0	0	2	2	0
HC0507		Johnston	Sampson	0	1	0	0	0	0	0	1	1	0
HC0320	Liberty Home Care	Columbus	Sampson	0	0	1	0	0	0	0	1	1	0
			Sampson Total	69	80	295	146	367	436	250	1,643	521	686
	HealthKeeperz	Scotland	Scotland	33	55	170	63	145	178	124	768	288	302
	Liberty Home Care	Robeson	Scotland	1	22	67	27	59	48	29	253	116	77
HC0423	FirstHealth Home Care-Richmond	Richmond	Scotland	0	7	23	21	29	18	7	105	51	25
HC3421	Native Angels Home Health	Cumberland	Scotland	1	3	5	1	7	3	1	21	9	4
HC0332	FirstHealth Home Care	Moore	Scotland	10	0	0	0	0	0	0	10	0	0
HC1178	Liberty Home Care	Robeson	Scotland	0	0	1	0	0	0	0	1	1	0
HC0264	Liberty Home Care	Anson	Scotland	0	0	0	0	1	0	0	1	0	0
			Scotland Total	45	87	266	112	241	247	161	1,159	465	408
HC0308	Home Care of the Carolinas	Stanly	Stanly	41	53	137	81	171	249	162	894	271	411
HC0514	Stanly County Health Department	Stanly	Stanly	45	23	34	22	60	70	44	298	79	114
HC0281	Advanced Home Care	Cabarrus	Stanly	4	12	50	22	44	40	8	180	84	48
HC0270	Gentiva Health Services	Rowan	Stanly	0	12	34	17	51	45	15	174	63	60
HC0486	Cabarrus Health Alliance/Home Health	Cabarrus	Stanly	3	1	3	0	5	2	5	19	4	7
HC1238	Union Regional Home Care	Union	Stanly	1	1	1	4	2	2	0	11	6	2
HC2404	Home Care of the Carolinas	Montgomery	Stanly	1	0	0	1	1	1	1	5	1	2
HC0300					_		2	1	0	0	4	3	0
1100399	Advanced Home Care	Rowan	Stanly	0	1	0	_	*	· ·	v			
	Advanced Home Care Liberty Home Care	Rowan Anson	Stanly Stanly	0	0	0	0	1	0	0	1	0	0
HC0264		Anson									1	0	0
HC0264 HC0171	Liberty Home Care	Anson	Stanly	0	0	0	0	1	0	0		-	
HC0264 HC0171	Liberty Home Care Advanced Home Care	Anson Mecklenburg	Stanly Stanly	0	0	0	0	1 0	0	0	1	0	1
HC0264 HC0171 HC0499	Liberty Home Care Advanced Home Care	Anson Mecklenburg	Stanly Stanly Stanly	0 0	0 0 0	0 0 0	0 0	1 0 1	0 0	0 1 0	1	0	0
HC0264 HC0171 HC0499 HC1699	Liberty Home Care Advanced Home Care Advanced Home Care	Anson Mecklenburg Forsyth	Stanly Stanly Stanly Stanly Total	0 0 0 95	0 0 0 103	0 0 0 259	0 0 0 149	1 0 1 337	0 0 0 409	0 1 0 236	1 1 1,588	0 0 511	1 0 645
HC0264 HC0171 HC0499 HC1699 HC0499	Liberty Home Care Advanced Home Care Advanced Home Care Gentiva Health Services	Anson Mecklenburg Forsyth Stokes	Stanly Stanly Stanly Stanly Total Stokes	0 0 0 95	0 0 0 103 15	0 0 0 259 72	0 0 0 149 45	1 0 1 337 101	0 0 0 409 155	0 1 0 236 126	1 1 1,588 514	0 0 511 132	1 0 645 281
HC0264 HC0171 HC0499 HC1699 HC0499 HC0517	Liberty Home Care Advanced Home Care Advanced Home Care Gentiva Health Services Advanced Home Care	Anson Mecklenburg Forsyth Stokes Forsyth	Stanly Stanly Stanly Stanly Stanly Total Stokes Stokes	0 0 0 95 0	0 0 0 103 15	0 0 0 259 72 54	0 0 0 149 45 30	1 0 1 337 101 70	0 0 0 409 155 52	0 1 0 236 126 20	1 1,588 514 255	0 0 511 132 95	1 0 645 281 72
HC0264 HC0171 HC0499 HC1699 HC0499 HC0517 HC1131	Liberty Home Care Advanced Home Care Advanced Home Care Gentiva Health Services Advanced Home Care Stokes County HHA	Anson Mecklenburg Forsyth Stokes Forsyth Stokes	Stanly Stanly Stanly Stanly Total Stokes Stokes Stokes	0 0 0 95 0 18	0 0 0 103 15 11	0 0 0 259 72 54	0 0 0 149 45 30	1 0 1 337 101 70 28	0 0 0 409 155 52 42	0 1 0 236 126 20 43	1 1,588 514 255 150	0 0 511 132 95 31	1 0 645 281 72 85

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0005	Home Health Professionals	Forsyth	Stokes	3	2	3	4	2	10	5	29	9	15
HC1886	Interim HealthCare of the Triad	Forsyth	Stokes	6	0	4	2	6	8	1	27	6	9
HC0217	Advanced Home Care	Rockingham	Stokes	1	1	1	0	4	1	2	10	2	3
HC0297	Advanced Home Care	Guilford	Stokes	1	0	3	0	0	0	1	5	3	1
HC1210	Gentiva Health Services	Forsyth	Stokes	0	1	2	0	0	1	1	5	3	2
HC1304	Amedisys Home Health of Winston Salem	Forsyth	Stokes	0	1	1	0	2	0	0	4	2	0
HC0409	Hospice and Palliative Care Center	Forsyth	Stokes	0	0	1	0	1	1	0	3	1	1
		•	Stokes Total	40	43	189	94	246	291	218	1,121	326	509
HC0296	Surry County Home Health	Surry	Surry	14	28	87	48	114	183	154	628	163	337
HC1699	Gentiva Health Services	Stokes	Surry	0	20	77	41	102	133	115	488	138	248
HC0346	Yadkin Valley Home Health	Yadkin	Surry	7	4	28	18	57	127	65	306	50	192
HC0499	Advanced Home Care	Forsyth	Surry	12	10	40	22	42	43	6	175	72	49
HC0252	Gentiva Health Services	Wilkes	Surry	0	5	15	13	30	33	28	124	33	61
HC1131	Gentiva Health Services	Forsyth	Surry	0	4	16	4	7	8	4	43	24	12
HC1886	Interim HealthCare of the Triad	Forsyth	Surry	0	4	3	3	6	2	2	20	10	4
HC0517	Stokes County HHA	Stokes	Surry	1	0	4	1	0	8	6	20	5	14
HC0567	Gentiva Health Services	Forsyth	Surry	0	0	0	1	2	5	1	9	1	6
HC0005	Home Health Professionals	Forsyth	Surry	1	0	0	0	1	1	1	4	0	2
HC1304	Amedisys Home Health of Winston Salem	Forsyth	Surry	0	0	2	0	1	0	0	3	2	0
HC0430	Home Care of Wilkes Regional Medical Center	Wilkes	Surry	0	0	0	0	2	0	0	2	0	0
HC0409	Hospice and Palliative Care Center	Forsyth	Surry	0	0	0	0	0	1	0	1	0	1
			Surry Total	35	75	272	151	364	544	382	1,823	498	926
HC0157	WestCare Home Health and Hospice Services	Jackson	Swain	4	7	39	15	28	37	27	157	61	64
		1	Swain Total	4	7	39	15	28	37	27	157	61	64
HC0067		Transylvania	Transylvania	20	16	77	38	138	221	208	718	131	429
	Care Partners Home Health Services	Henderson	Transylvania	0	1	4	7	6	10	3	31	12	13
HC0201	Pardee Home Care	Henderson	Transylvania	0	3	0	1	6	8	2	20	4	10
HC0114	Care Partners Home Health Services	Buncombe	Transylvania	3	0	0	0	0	0	0	3	0	0
HC0911	Park Ridge Home Health	Henderson	Transylvania	0	0	0	1	0	0	1	2	1	1
		1	sylvania Total	23	20	81	47	150	239	214	774	148	453
	Roanoke Home Care and Hospice	Tyrrell	Tyrrell	2	6	2	5	20	22	16	73	13	38
HC0523	Roanoke Home Care and Hospice	Washington	Tyrrell	1	0	0	0	0	0	1	2	0	1
****			Tyrrell Total	3	6	2	5	20	22	17	75	13	39
	Union Regional Home Care	Union	Union	97	108	231	104	223	266	175	1204	443	441
	Total Care Home Health	Union	Union	0	23	160	79	235	296	247	1040	262	543
HC0171	Advanced Home Care	Mecklenburg	Union	0	23	80	32	108	111	49	403	135	160

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC1901	Interim HealthCare of the Triad	Mecklenburg	Union	10	10	26	14	29	4	4	97	50	8
HC0308	Home Care of the Carolinas	Stanly	Union	2	3	3	0	4	1	2	15	6	3
HC0369	Hospice and Palliative Care Charlotte	Mecklenburg	Union	10	0	0	0	0	0	0	10	0	0
HC0787	Gentiva Health Services	Mecklenburg	Union	0	0	1	2	1	1	1	6	3	2
HC3694	Liberty Home Care and Hospice	Mecklenburg	Union	0	0	4	0	1	0	0	5	4	0
HC0355	Home Health Professionals	Mecklenburg	Union	0	0	0	1	0	3	0	4	1	3
HC0281	Advanced Home Care	Cabarrus	Union	0	0	0	0	0	1	1	2	0	2
		T.	Union Total	119	167	505	232	601	683	479	2,786	904	1,162
HC0823	Maria Parham Regional Home Health	Vance	Vance	0	22	86	34	98	108	81	429	142	189
HC0501	Granville-Vance Home Health	Vance	Vance	5	13	41	17	47	40	36	199	71	76
HC0215	Tar Heel Home Health	Franklin	Vance	2	6	25	10	31	29	17	120	41	46
HC0360	Duke Home Health	Durham	Vance	0	9	22	19	4	9	0	63	50	9
HC0339	Intrepid USA Healthcare Services	Wake	Vance	0	0	7	1	7	12	6	33	8	18
HC0145	Amedisys Home Health	Durham	Vance	0	1	6	3	4	15	1	30	10	16
HC0500	Franklin County Home Health	Franklin	Vance	0	1	11	2	2	4	0	20	14	4
HC0918	Heartland Home Health Care	Wake	Vance	0	0	2	1	2	0	1	6	3	1
HC0074	At Home Quality Care	Wake	Vance	0	0	0	1	2	0	0	3	1	0
HC2112	Medi Home Health Agency	Wake	Vance	0	0	1	0	0	2	0	3	1	2
HC2562	Liberty Home Care	Wake	Vance	0	0	0	0	1	1	0	2	0	1
			Vance Total	7	52	201	88	198	220	142	908	341	362
HC0422	Rex Home Services	Wake	Wake	0	87	502	244	600	810	480	2723	833	1290
HC2562	Liberty Home Care	Wake	Wake	2	54	252	152	309	413	1422	2604	458	1835
HC1293	WakeMed Home Health	Wake	Wake	19	203	526	241	412	474	285	2160	970	759
HC0299	Tar Heel Home Health	Wake	Wake	2	22	107	60	179	304	310	984	189	614
HC0339	Intrepid USA Healthcare Services	Wake	Wake	3	18	130	79	165	226	286	907	227	512
HC0360	Duke Home Health	Durham	Wake	31	73	224	78	167	164	82	819	375	246
HC0918	Heartland Home Health Care	Wake	Wake	0	17	105	67	191	170	232	782	189	402
HC0145	Amedisys Home Health	Durham	Wake	0	3	41	27	81	217	258	627	71	475
HC2112	Medi Home Health Agency	Wake	Wake	0	5	44	40	111	185	179	564	89	364
HC0166	Amedisys Home Health of Chapel Hill	Orange	Wake	0	9	50	17	97	158	158	489	76	316
HC0507	3НС	Johnston	Wake	77	34	91	45	59	74	42	422	170	116
HC0074	At Home Quality Care	Wake	Wake	41	27	48	26	33	49	45	269	101	94
HC0031	Horizons Home Care	Wake	Wake	2	5	21	11	30	28	34	131	37	62
HC0215	Tar Heel Home Health	Franklin	Wake	0	3	5	4	24	20	17	73	12	37
HC1437	Professional Nursing Service and Home Health	Wake	Wake	8	3	1	4	3	10	6	35	8	16
HC0125	Liberty Home Care	Harnett	Wake	0	0	7	5	3	8	6	29	12	14

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0383	Johnston Memorial Home Care and Hospice	Johnston	Wake	0	0	4	2	9	4	4	23	6	8
HC0828	Pediatric Services of America	Wake	Wake	19	0	0	0	0	0	0	19	0	0
HC3820	Bayada Nurses	Wake	Wake	0	0	3	3	2	2	1	11	6	3
HC0255	3НС	Sampson	Wake	2	0	1	0	1	1	1	6	1	2
HC0426	Liberty Home Care	Lee	Wake	0	0	0	1	1	1	0	3	1	1
HC0528	Liberty Home Care	Chatham	Wake	0	0	0	1	1	1	0	3	1	1
HC1176	Liberty Home Care	Durham	Wake	0	0	1	0	1	0	0	2	1	0
HC0500	Franklin County Home Health	Franklin	Wake	0	0	1	0	0	1	0	2	1	1
HC0134	Amedisys Home Health	Alamance	Wake	0	0	1	0	0	1	0	2	1	1
HC0274	Liberty Home Care	Cumberland	Wake	0	0	1	0	0	0	0	1	1	0
HC0508	3НС	Wilson	Wake	0	0	0	1	0	0	0	1	1	0
HC0196	Liberty Home Care	New Hanover	Wake	0	0	0	1	0	0	0	1	1	0
			Wake Total	206	563	2,166	1,109	2,479	3,321	3,848	13,692	3,838	7,169
HC0341	Warren County Home Health	Warren	Warren	5	9	43	27	90	140	94	408	79	234
HC0823	Maria Parham Regional Home Health	Vance	Warren	2	11	22	10	18	23	27	113	43	50
HC0215	Tar Heel Home Health	Franklin	Warren	0	3	11	11	19	25	14	83	25	39
HC0145	Amedisys Home Health	Durham	Warren	0	1	3	0	0	3	1	8	4	4
HC0501	Granville-Vance Home Health	Vance	Warren	0	0	0	0	1	3	1	5	0	4
HC0765	Home Health and Hospice of Halifax	Halifax	Warren	1	0	0	0	1	0	2	4	0	2
HC0500	Franklin County Home Health	Franklin	Warren	0	0	1	0	1	0	0	2	1	0
HC0074	At Home Quality Care	Wake	Warren	0	0	1	0	0	0	0	1	1	0
HC0530	Northampton Co. Home Health	Northampton	Warren	0	0	0	0	0	0	1	1	0	1
			Warren Total	8	24	81	48	130	194	140	625	153	334
HC0523	Roanoke Home Care and Hospice	Washington	Washington	9	9	39	17	45	63	25	207	65	88
	Tar Heel Home Health	Beaufort	Washington	0	3	14	4	9	9	5	44	21	14
HC1052	University Health Systems Home Health & Hospice	Bertie	Washington	0	3	4	3	4	3	0	17	10	3
HC1634	Beaufort Regional Home Health	Beaufort	Washington	0	1	0	0	3	1	0	5	1	1
HC0525	Roanoke Home Care and Hospice	Martin	Washington	0	0	0	1	0	1	0	2	1	1
			shington Total	9	16	57	25	61	77	30	275	98	107
	ARHS Home Health	Watauga	Watauga	3	14	64	31	81	118	93	404	109	211
	High Country Health Care System	Watauga	Watauga	0	3	14	8	36	43	50	154	25	93
HC0487	Caldwell County Home Health	Caldwell	Watauga	0	0	1	1	1	1	0	4	2	1
			Vatauga Total	3	17	79	40	118	162	143	562	136	305
HC0228		Wayne	Wayne	1	73	237	106	256	291	135	1099	416	426
	Tar Heel Home Health	Wayne	Wayne	23	41	157	87	248	318	213	1087	285	531
HC0053	Carolina East Home Care and Hospice	Duplin	Wayne	4	8	18	3	12	26	15	86	29	41

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Nome	Facility	Resident	< 18	18-40	41-59	60-64	65-74		85 and >	Total	18-64	75+
	Name Professional Nursing Service and Home Health	County Wake	County Wayne	4	10-40	41-59	00-04	8	7 5-84	10	35	10-04	18
	Tar Heel Home Health	Lenoir	Wayne	0	2	3	2	1	1	2	11	7	3
HC0507		Johnston	Wayne	0	0	1	0	2	0	1	4	1	1
HC0307		Lenoir	Wayne	0	0	0	0	0	1	2	3	0	3
	Sampson Home Health	Sampson	Wayne	0	0	0	0	0	1	1	2	0	2
	Greene Regional Home Health	Greene	Wayne	0	0	0	0	1	0	1	2	0	1
HC0508		Wilson	Wayne	0	0	1	0	0	1	0	2	1	1
HC0308		Sampson	Wayne	0	1	1	0	0	0	0	2	2	0
HC0509		Pitt	Wayne	1	0	0	0	0	0	0	1	0	0
1100009	SIIC	1111	Wayne Total	33	126	422	198	528	647	380	2,334	746	1,027
HC0252	Gentiva Health Services	Wilkes	Wilkes	2	57	186	89	186	261	173	954	332	434
	Home Care of Wilkes Regional Medical Center	Wilkes	Wilkes	34	27	94	43	106	143	96	543	164	239
	Yadkin Valley Home Health	Yadkin	Wilkes	3	7	38	25	82	91	69	315	70	160
	Iredell Home Health	Iredell	Wilkes	3	1	7	5	5	8	11	40	13	19
	Alexander County Home Health	Alexander	Wilkes	0	0	1	1	4	1	0	7	2	1
	Gentiva Health Services	Catawba	Wilkes	0	0	1	0	0	2	0	3	1	2
	Caldwell County Home Health	Caldwell	Wilkes	0	0	0	1	0	1	0	2	1	1
	Liberty Home Care	Surry	Wilkes	1	0	1	0	0	0	0	2	1	0
			Wilkes Total	43	92	328	164	383	507	349	1,866	584	856
HC0328	Tar Heel Home Health	Pitt	Wilson	0	7	46	16	92	132	112	405	69	244
HC0508	3НС	Wilson	Wilson	6	16	107	37	85	85	49	385	160	134
HC0497	Tar Heel Home Health	Nash	Wilson	0	0	1	0	0	7	6	14	1	13
HC1299	Tar Heel Home Health	Wayne	Wilson	0	0	1	0	2	2	0	5	1	2
HC1443	University Health Systems Home Health & Hospice	Pitt	Wilson	0	0	3	0	0	1	0	4	3	1
HC0228	3НС	Wayne	Wilson	0	0	1	1	0	1	0	3	2	1
HC0509	3НС	Pitt	Wilson	0	1	0	0	1	0	0	2	1	0
HC0168	Greene Regional Home Health	Greene	Wilson	1	0	0	0	0	0	1	2	0	1
HC0507	3НС	Johnston	Wilson	0	0	0	1	0	0	0	1	1	0
HC0195	3НС	Lenoir	Wilson	0	0	0	0	0	0	1	1	0	1
			Wilson Total	7	24	159	55	180	228	169	822	238	397
HC0346	Yadkin Valley Home Health	Yadkin	Yadkin	17	21	57	25	118	139	112	489	103	251
HC0252	Gentiva Health Services	Wilkes	Yadkin	0	18	86	25	45	46	20	240	129	66
HC0499	Advanced Home Care	Forsyth	Yadkin	21	10	34	15	34	33	10	157	59	43
HC0567	Gentiva Health Services	Forsyth	Yadkin	0	2	18	8	28	24	8	88	28	32
HC0420	Liberty Home Care	Surry	Yadkin	3	1	2	2	4	9	0	21	5	9
HC0005	Home Health Professionals	Forsyth	Yadkin	3	1	3	2	6	3	2	20	6	5

Table12A: Home Health Data by County of Patient Origin - 2009 Data - Agencies or Offices Serving Residents of Counties by Age (included with Amended Chapter 12)

Lic.#	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC1131	Gentiva Health Services	Forsyth	Yadkin	0	2	6	0	2	6	1	17	8	7
HC0515	Iredell Home Health	Iredell	Yadkin	0	0	2	1	2	3	3	11	3	6
HC1886	Interim HealthCare of the Triad	Forsyth	Yadkin	1	0	2	1	3	0	0	7	3	0
HC1304	Amedisys Home Health of Winston Salem	Forsyth	Yadkin	0	0	1	0	1	3	1	6	1	4
HC1177	Liberty Home Care	Guilford	Yadkin	2	1	0	0	0	0	0	3	1	0
HC1699	Gentiva Health Services	Stokes	Yadkin	0	0	0	1	1	0	1	3	1	1
HC0409	Hospice and Palliative Care Center	Forsyth	Yadkin	0	0	0	1	0	1	1	3	1	2
HC0170	Gentiva Health Services	Iredell	Yadkin	0	0	0	1	0	1	0	2	1	1
HC0124	Liberty Home Care	Davidson	Yadkin	0	0	0	1	0	0	0	1	1	0
		·	Yadkin Total	47	56	211	83	244	268	159	1,068	350	427
HC0323	Yancey County Health Agency	Yancey	Yancey	15	20	68	24	111	121	95	454	112	216
HC0114	Care Partners Home Health Services	Buncombe	Yancey	5	3	21	14	27	51	21	142	38	72
HC0419	Madison Home Care and Hospice	Madison	Yancey	0	0	0	0	0	1	0	1	0	1
			Yancey Total	20	23	89	38	138	173	116	597	150	289
Grand T	Total			6,242	9,947	35,028	17,507	40,343	49,360	36,003	194,430	62,482	85,363

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

				ι	Jnder Age	18					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Cherokee	7	5,355	1.31	4	5,222	0.77	1	4,960	0.20	-59%	-58%
Clay	1	1,799	0.56	1	1,748	0.57	3	1,648	1.82	100%	111%
Graham	3	1,785	1.68	3	1,762	1.70	1	1,811	0.55	-33%	-33%
Haywood	34	11,238	3.03	39	11,134	3.50	40	11,186	3.58	9%	9%
Jackson	24	6,896	3.48	27	6,949	3.89	11	6,794	1.62	-23%	-23%
Macon	15	6,602	2.27	20	6,742	2.97	20	6,601	3.03	17%	16%
Swain	17	3,309	5.14	9	3,319	2.71	4	3,250	1.23	-51%	-51%
Region A Totals	101	36,984	2.73	103	36,876	2.79	80	36,250	2.21	-10%	-9%
Buncombe	249	48,087	5.18	84	48,474	1.73	131	47,556	2.75	-5%	-4%
Henderson	84	21,551	3.90	38	21,934	1.73	40	21,537	1.86	-25%	-24%
Madison	23	4,204	5.47	8	4,224	1.89	11	4,163	2.64	-14%	-13%
Transylvania	31	5,724	5.42	24	5,734	4.19	23	5,555	4.14	-13%	-12%
Region B Totals	387	79,566	4.86	154	80,366	1.92	205	78,811	2.60	-14%	
Cleveland	107	23,273	4.60	107	23,170	4.62	87	23,156	3.76	-9%	
McDowell	50	9,708	5.15	41	9,717	4.22	38	9,717	3.91	-13%	-13%
Polk	10	3,602	2.78	9	3,550	2.54	5	3,509	1.42	-27%	-26%
Rutherford	41	14,540	2.82	44	14,584	3.02	59	14,504	4.07	21%	21%
Region C Totals	208	51,123	4.07	201	51,021	3.94	189	50,886	3.71	-5%	
Alleghany	1	2,087	0.48	3	2,058	1.46	2	2,065	0.97	83%	
Ashe	8	5,041	1.59	9	5,101	1.76	4	5,096	0.78	-22%	
Avery	3	3,384	0.89	4	3,383	1.18	8	3,200	2.50	67%	
Mitchell	20	3,117	6.42	10	3,102	3.22	15	3,086	4.86	0%	
Watauga	7	6,670	1.05	8	6,757	1.18		6,718	0.45	-24%	
Wilkes	35	14,890	2.35	32	14,906	2.15	43	14,895	2.89	13%	13%
Yancey	12	3,693	3.25	7	3,674	1.91	20	3,609	5.54	72%	
Region D Totals	86	38,882	2.21	73	38,981	1.87	95	38,669	2.46	8%	8%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

				l	Jnder Age	18					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Alexander	30	8,358	3.59	32	8,366	3.83	42	8,388	5.01	19%	19%
Burke	51	19,724	2.59	43	19,769	2.18	64	19,510	3.28	17%	17%
Caldwell	69	17,944	3.85	68	17,935	3.79	84	17,823	4.71	11%	11%
Catawba	144	36,579	3.94	120	36,836	3.26	158	36,915	4.28	8%	7%
Region E Totals	294	82,605	3.56	263	82,906	3.17	348	82,636	4.21	11%	11%
Anson	48	6,061	7.92	49	5,983	8.19	25	5,944	4.21	-23%	-23%
Cabarrus	127	41,776	3.04	131	43,220	3.03	103	45,455	2.27	-9%	-13%
Gaston	346	48,444	7.14	360	49,183	7.32	238	49,195	4.84	-15%	-16%
Iredell	144	36,871	3.91	136	37,361	3.64	130	38,382	3.39	-5%	-7%
Lincoln	62	17,006	3.65	68	17,246	3.94	44	17,500	2.51	-13%	-14%
Mecklenburg	876	224,098	3.91	909	228,229	3.98	487	227,687	2.14	-21%	-22%
Rowan	131	31,893	4.11	138	32,142	4.29	116	32,426	3.58	-5%	-6%
Stanly	71	13,760	5.16	97	13,693	7.08	95	13,609	6.98	17%	18%
Union	106	48,300	2.19	92	49,945	1.84	119	53,094	2.24	8%	3%
Region F Totals	1,911	468,209	4.08	1,980	477,002	4.15	1,357	483,292	2.81	-14%	-15%
Alamance	66	33,591	1.96	71	34,206	2.08	65	34,901	1.86	0%	
Caswell	18	4,885	3.68	15	4,719	3.18	16	4,608	3.47	-5%	-2%
Davidson	153	36,097	4.24	139	36,413	3.82	108	36,799	2.93	-16%	-17%
Guilford	569	108,826	5.23	535	110,277	4.85	548	111,017	4.94	-2%	-3%
Montgomery	57	6,830	8.35	60	6,822	8.80	53	6,865	7.72	-3%	-3%
Randolph	218	33,352	6.54	183	33,433	5.47	200	33,771	5.92	-3%	
Rockingham	40	20,549	1.95	49	20,445	2.40	44	20,396	2.16	6%	7%
Region G Totals	1,121	244,130	4.59	1,052	246,315	4.27	1,034	248,357	4.16	-4%	
Davie	45	9,122	4.93	33	9,113	3.62	41	9,706	4.22	-1%	
Forsyth	402	82,453	4.88	351	83,738	4.19	339	84,695	4.00	-8%	-9%
Stokes	55	10,247	5.37	37	10,147	3.65	40	10,188	3.93	-12%	-12%
Surry	98	16,889	5.80	95	16,824	5.65	35	16,867	2.08	-33%	-33%
Yadkin	62	8,872	6.99	52	8,893	5.85	47	8,831	5.32	-13%	-13%
Region I Totals	662	127,583	5.19	568	128,715	4.41	502	130,287	3.85	-13%	-14%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

				Į	Jnder Age	18					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Chatham	8	13,122	0.61	13	13,530	0.96	27	12,934	2.09	85%	•
Durham	157	63,212	2.48	153	65,754	2.33	156	64,867	2.40	0%	-1%
Johnston	44	40,957	1.07	32	42,220	0.76	42	43,313	0.97	2%	
Lee	28	14,492	1.93	24	14,760	1.63	22	14,962	1.47	-11%	-13%
Moore	100	17,896	5.59	127	18,099	7.02	97	17,793	5.45	2%	2%
Orange	36	24,271	1.48	39	24,435	1.60	56	24,370	2.30	26%	26%
Wake	179	209,179	0.86	181	216,713	0.84	206	219,183	0.94	7%	5%
Region J Totals	552	383,129	1.44	569	395,511	1.44	606	397,422	1.52	5%	3%
Franklin	39	13,430	2.90	32	13,634	2.35	17	13,949	1.22	-32%	-34%
Granville	9	12,438	0.72	11	12,381	0.89	8	12,478	0.64	-3%	-3%
Person	30	8,628	3.48	29	8,499	3.41	24	8,555	2.81	-10%	-10%
Vance	20	11,813	1.69	10	11,734	0.85	7	11,586	0.60	-40%	-39%
Warren	4	4,105	0.97	10	3,989	2.51	8	3,877	2.06	65%	70%
Region K Totals	102	50,414	2.02	92	50,237	1.83	64	50,445	1.27	-20%	-20%
Edgecombe	31	13,241	2.34	28	13,217	2.12	32	13,134	2.44	2%	3%
Halifax	22	13,396	1.64	18	13,136	1.37	22	13,034	1.69	2%	3%
Nash	35	22,637	1.55	45	22,731	1.98	37	22,977	1.61	5%	5%
Northampton	4	4,671	0.86	1	4,550	0.22	6	4,424	1.36	213%	221%
Wilson	56	19,332	2.90	54	19,531	2.76	7	19,765	0.35	-45%	-46%
Region L Totals	148	73,277	2.02	146	73,165	2.00	104	73,334	1.42	-15%	-15%
Cumberland	372	89,222	4.17	403	90,633	4.45	399	85,972	4.64	4%	6%
Harnett	33	27,662	1.19	35	28,287	1.24	49	28,629	1.71	23%	21%
Sampson	75	16,407	4.57	73	16,551	4.41	69	16,482	4.19	-4%	
Region M Totals	480	133,291	3.60		135,471	3.77	517	131,083	3.94	4%	5%
Bladen	32	7,879	4.06		7,831	4.98	41	7,775	5.27	14%	14%
Hoke	27	12,779	2.11	31	13,164	2.35	35	13,580	2.58	14%	
Richmond	78	11,732	6.65		11,720	5.38	56	11,645	4.81	-15%	
Robeson	204	36,511	5.59		36,667	5.40	213	36,627	5.82	2%	
Scotland	62	9,575	6.48		9,559	6.38	45	9,562	4.71	-14%	
Region N Totals	403	78,476	5.14	392	78,941	4.97	390	79,189	4.92	-2%	-2%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

	Under Age 18													
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009		Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000			
Brunswick	78	20,550	3.80	74	21,138	3.50	88	19,082	4.61	7%	12%			
Columbus	58	13,342	4.35	65	13,385	4.86	81	14,171	5.72	18%	15%			
New Hanover	103	40,239	2.56	122	40,649	3.00	143	38,849	3.68	18%	20%			
Pender	35	10,829	3.23	41	11,007	3.72	35	10,617	3.30	1%	2%			
Region O Totals	274	84,960	3.23	302	86,179	3.50	347	82,719	4.19	13%	14%			
Carteret	25	12,024	2.08	21	11,936	1.76	18	11,459	1.57	-15%	-13%			
Craven	24	25,421	0.94	15	25,952	0.58	16	26,223	0.61	-15%	-17%			
Duplin	38	13,743	2.77	42	13,865	3.03	37	13,895	2.66	-1%	-1%			
Greene	7	4,962	1.41	8	4,911	1.63	5	4,931	1.01	-12%	-11%			
Jones	4	2,224	1.80	2	2,144	0.93	3	2,029	1.48	0%	5%			
Lenoir	29	13,996	2.07	25	13,932	1.79	23	13,713	1.68	-11%	-10%			
Onslow	81	47,910	1.69	87	50,306	1.73	93	49,597	1.88	7%	5%			
Pamlico	1	2,329	0.43	1	2,267	0.44	0	2,184	0.00	-50%	-49%			
Wayne	84	29,474	2.85	68	29,596	2.30	33	29,817	1.11	-35%	-36%			
Region P Totals	293	152,083	1.93	269	154,909	1.74	228	153,848	1.48	-12%	-12%			
Beaufort	26	10,535	2.47	9	10,639	0.85	7	10,582	0.66	-44%	-44%			
Bertie	15	4,769	3.15	10	4,739	2.11	6	4,614	1.30	-37%	-36%			
Hertford	7	5,324	1.31	12	5,245	2.29	0	5,347	0.00	-14%	-13%			
Martin	29	5,628	5.15	30	5,583	5.37	21	5,741	3.66	-13%	-14%			
Pitt	65	35,878	1.81	67	36,818	1.82	50	36,449	1.37	-11%	-12%			
Region Q Totals	142	62,134	2.29	128	63,024	2.03	84	62,733	1.34	-22%	-23%			

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

	Under Age 18													
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	for	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000			
Camden	8	2,041	3.92	8	2,005	3.99	4	2,019	1.98	-25%	-24%			
Chowan	4	3,363	1.19	6	3,359	1.79	7	3,300	2.12	33%	34%			
Currituck	13	5,138	2.53	26	4,915	5.29	24	4,953	4.85	46%	50%			
Dare	10	7,010	1.43	8	6,805	1.18	9	6,746	1.33	-4%	-2%			
Gates	3	2,654	1.13	6	2,490	2.41	6	2,588	2.32	50%	55%			
Hyde	4	1,046	3.82	3	1,057	2.84	0	1,007	0.00	-63%	-63%			
Pasquotank	23	9,650	2.38	26	9,591	2.71	27	9,206	2.93	8%	11%			
Perquimans	7	2,575	2.72	7	2,574	2.72	3	2,536	1.18	-29%	-28%			
Tyrrell	2	863	2.32	3	872	3.44	3	823	3.65	25%	27%			
Washington	10	3,197	3.13	13	3,151	4.13	9	3,110	2.89	0%	1%			
Region R Totals	84	37,537	2.24	106	36,819	2.88	92	36,288	2.54	6%	8%			
State Totals	7,248	2,184,383	3.32	6,909	2,216,438	3.12	6,242	2,216,249	2.82	-7%	-8%			

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

					Ages 18-6	64					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Cherokee	155	16,130	9.61	166	16,073	10.33	286	15,280	18.72	40%	44%
Clay	41	6,286	6.52	48	6,292	7.63	64	5,876	10.89	25%	30%
Graham	28	4,777	5.86	63	4,726	13.33	42	4,843	8.67	46%	46%
Haywood	283	34,390	8.23	353	34,502	10.23	386	34,261	11.27	17%	17%
Jackson	152	24,443	6.22	142	24,441	5.81	104	24,926	4.17	-17%	-17%
Macon	190	19,695	9.65	164	20,092	8.16	160	19,227	8.32	-8%	-7%
Swain	71	8,456	8.40	93	8,573	10.85	61	8,291	7.36	-2%	-1%
Region A Totals	920	114,177	8.06	1,029	114,699	8.97	1,103	112,704	9.79	10%	10%
Buncombe	1,485	143,052	10.38	1,632	144,831	11.27	1,540	145,997	10.55	2%	1%
Henderson	608	60,169	10.10	618	61,630	10.03	669	59,530	11.24	5%	6%
Madison	123	12,877	9.55	163	13,146	12.40	171	12,987	13.17	19%	18%
Transylvania	161	17,991	8.95	196	18,197	10.77	148	17,584	8.42	-1%	
Region B Totals	2,377	234,089	10.15	2,609	237,804	10.97	2,528	236,098	10.71	3%	
Cleveland	746	60,030	12.43	950	60,944	15.59	758	61,249	12.38	4%	2%
McDowell	589	27,570	21.36	437	27,985	15.62	406	27,839	14.58	-16%	-17%
Polk	105	11,205	9.37	89	11,283	7.89	121	11,210	10.79	10%	11%
Rutherford	574	38,218	15.02	712	38,823	18.34	727	38,785	18.74	13%	12%
Region C Totals	2,014	137,023	14.70	2,188	139,035	15.74	2,012	139,083	14.47	0%	
Alleghany	55	6,732	8.17	48	6,739	7.12	59	6,671	8.84	5%	
Ashe	104	16,034	6.49	95	16,269	5.84	119	15,957	7.46	8%	
Avery	109	11,986	9.09	112	12,002	9.33	105	11,707	8.97	-2%	
Mitchell	114	9,765	11.67	109	9,836	11.08	136	9,595	14.17	10%	
Watauga	160	32,364	4.94	152	32,759	4.64	136	32,611	4.17	-8%	
Wilkes	547	41,754	13.10	526	41,805	12.58	584	41,549	14.06	4%	4%
Yancey	109	11,241	9.70	133	11,287	11.78	150	11,071	13.55	17%	18%
Region D Totals	1,198	129,876	9.22	1,175	130,697	8.99	1,289	129,161	9.98	4%	4%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

					Ages 18-6	64					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Alexander	274	23,330	11.74	325	23,552	13.80		23,598	12.29	4%	3%
Burke	727	55,369	13.13	733	56,029	13.08	746	56,102	13.30	1%	1%
Caldwell	619	49,699	12.45	792	50,186	15.78	678	50,017	13.56	7%	6%
Catawba	1,240	96,750	12.82	1,251	98,009	12.76	1,341	99,360	13.50	4%	3%
Region E Totals	2,860	225,148	12.70	3,101	227,776	13.61	3,055	229,077	13.34	3%	3%
Anson	205	15,640	13.11	205	15,735	13.03	237	15,607	15.19	8%	8%
Cabarrus	948	103,786	9.13	1,163	108,039	10.76	1,117	110,117	10.14	9%	6%
Gaston	1,679	126,646	13.26	2,046	129,773	15.77	1,997	130,499	15.30	10%	8%
Iredell	966	94,852	10.18	1,168	97,838	11.94	1,270	99,241	12.80	15%	12%
Lincoln	514	46,684	11.01	642	48,093	13.35	586	48,601	12.06	8%	6%
Mecklenburg	4,115	558,926	7.36	4,753	568,290	8.36	3,950	588,715	6.71	-1%	-3%
Rowan	1,242	85,435	14.54	1,110	87,247	12.72	1,272	88,317	14.40	2%	0%
Stanly	351	36,628	9.58	454	37,154	12.22	511	37,390	13.67	21%	20%
Union	650	116,530	5.58	802	123,103	6.51	904	125,663	7.19	18%	14%
Region F Totals	10,670	1,185,127	9.00	12,343	1,215,272	10.16	11,844	1,244,150	9.52	6%	3%
Alamance	812	89,554	9.07	786	91,883	8.55	896	93,247	9.61	5%	3%
Caswell	193	15,146	12.74	193	15,091	12.79	233	15,226	15.30	10%	10%
Davidson	1,117	98,474	11.34	1,224	100,424	12.19	1,267	100,610	12.59	7%	5%
Guilford	2,832	294,769	9.61	3,195	300,599	10.63	3,511	306,341	11.46	11%	9%
Montgomery	221	16,676	13.25	291	16,713	17.41	322	16,850	19.11	21%	21%
Randolph	811	87,616	9.26	1,001	89,100	11.23	1,027	89,702	11.45	13%	12%
Rockingham	708	56,898	12.44	762	57,107	13.34	747	56,963	13.11	3%	3%
Region G Totals	6,694	659,133	10.16	7,452	670,917	11.11	8,003	678,939	11.79	9%	8%
Davie	272	25,466	10.68	266	25,966	10.24	284	25,738	11.03	2%	2%
Forsyth	2,240	212,350	10.55	2,426	216,033	11.23	2,891	224,976	12.85	14%	10%
Stokes	382	29,796	12.82	390	30,200	12.91	326	30,032	10.86	-7%	-8%
Surry	558	44,618	12.51	617	44,948	13.73	498	44,971	11.07	-4%	-5%
Yadkin	343	23,213	14.78	369	23,491	15.71	350	23,238	15.06	1%	1%
Region I Totals	3,795	335,443	11.31	4,068	340,638	11.94	4,349	348,955	12.46	7%	5%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

					Ages 18-6	64					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Chatham	211	37,259	5.66	208	38,606	5.39		39,335	8.06	25%	
Durham	1,418	166,316	8.53	1,367	169,595	8.06		175,760	9.30	25% 8%	
Johnston	889	99,948	8.89	1,064	103,822	10.25		108,541	10.00	11%	
Lee	280	34,665	8.08	291	35,436	8.21	346	36,045	9.60	11%	
Moore	468	48,078	9.73	517	49,266	10.49	578	48,135	12.01	11%	
Orange	471	90,681	5.19	418	92,356	4.53	533	95,360	5.59	8%	
Wake	3,253	551,416	5.19	3,623	573,690	6.32	3,838	603,990	6.35	9%	
Region J Totals	6,990	1,028,363	6.80	7,488	1,062,771	7.05	,	1,107,166	7.52	9%	
Franklin	483	36,550	13.21	466	37,727	12.35	,	38,608	12.82	1%	
Granville	293	36,575	8.01	293	37,127	7.90		38,036	8.23	3%	
Person	290	23,720	12.23	316	23,717	13.32	334	24,160	13.82	7%	
Vance	338	26,228	12.89	394	26,255	15.01	341	26,511	12.86	2%	
Warren	166	12,121	13.70	144	12,193	11.81	153	12,204	12.54	-4%	
Region K Totals	1,570	135,194	11.61	1,613	136,999	11.77	1,636	139,519	11.73		
Edgecombe	476	31,741	15.00	433	31,782	13.62	408	31,492	12.96	-7%	
Halifax	450	33,369	13.49	368	33,575	10.96		33,659	10.64	-10%	
Nash	530	58,555	9.05	570	59,483	9.58	529	60,429	8.75	0%	
Northampton	175	12,707	13.77	164	12,722	12.89	142	12,752	11.14	-10%	-10%
Wilson	724	48,242	15.01	698	48,968	14.25	238	49,263	4.83	-35%	-36%
Region L Totals	2,355	184,614	12.76	2,233	186,530	11.97	1,675	187,595	8.93	-15%	-16%
Cumberland	1,483	161,043	9.21	1,672	162,648	10.28		169,440	9.50	5%	
Harnett	580	64,986	8.92	753	67,386	11.17	808	69,985	11.55	19%	14%
Sampson	508	39,624	12.82	507	40,404	12.55	521	40,159	12.97	1%	1%
Region M Totals	2,571	265,653	9.68	2,932	270,438	10.84	2,939	279,584	10.51	7%	4%
Bladen	386	19,606	19.69	410	19,646	20.87	399	19,532	20.43	2%	2%
Hoke	264	25,149	10.50	292	26,240	11.13	269	27,608	9.74	1%	-3%
Richmond	348	28,482	12.22	353	28,687	12.31	399	28,782	13.86	7%	7%
Robeson	1,574	79,338	19.84	1,611	80,220	20.08	1,717	80,755	21.26	4%	4%
Scotland	482	22,860	21.08	448	23,107	19.39	465	22,803	20.39	-2%	-1%
Region N Totals	3,054	175,435	17.41	3,114	177,900	17.50	3,249	179,480	18.10	3%	2%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

					Ages 18-0	64					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Brunswick	837	61,467	13.62	843	63,757	13.22	937	63,657	14.72	6%	4%
Columbus	896	33,267	26.93	987	33,550	29.42	1,150	34,103	33.72	13%	12%
New Hanover	1,264	124,720	10.13	1,317	126,218	10.43	1,380	127,099	10.86	4%	4%
Pender	374	32,099	11.65	377	33,162	11.37	501	33,736	14.85	17%	14%
Region O Totals	3,371	251,553	13.40	3,524	256,687	13.73	3,968	258,595	15.34	9%	
Carteret	453	38,746	11.69	480	38,880	12.35	477	38,662	12.34	3%	3%
Craven	583	50,742	11.49	655	51,602	12.69	645	52,744	12.23	5%	3%
Duplin	384	32,322	11.88	441	32,663	13.50	361	32,813	11.00	-2%	-2%
Greene	111	13,445	8.26	122	13,622	8.96	148	13,702	10.80	16%	15%
Jones	57	6,370	8.95	72	6,456	11.15	51	6,389	7.98	-1%	-2%
Lenoir	451	34,768	12.97	525	34,782	15.09	559	35,093	15.93	11%	11%
Onslow	795	77,406	10.27	806	81,817	9.85	799	84,146	9.50	0%	-4%
Pamlico	29	7,808	3.71	57	7,804	7.30	61	7,713	7.91	52%	52%
Wayne	782	67,849	11.53	758	68,306	11.10	746	68,509	10.89	-2%	-3%
Region P Totals	3,645	329,456	11.06	3,916	335,932	11.66	3,847	339,771	11.32	3%	1%
Beaufort	347	27,784	12.49	369	28,165	13.10	366	28,281	12.94	3%	2%
Bertie	174	12,066	14.42	184	12,204	15.08	195	12,276	15.88	6%	5%
Hertford	214	14,773	14.49	219	14,825	14.77	26	14,816	1.75	-43%	-43%
Martin	209	14,442	14.47	222	14,513	15.30	210	14,398	14.59	0%	1%
Pitt	874	101,366	8.62	890	103,915	8.56	878	106,574	8.24	0%	-2%
Region Q Totals	1,818	170,431	10.67	1,884	173,622	10.85	1,675	176,345	9.50	-4%	-5%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

	Ages 18-64													
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population		Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000			
Camden	51	6,173	8.26	52	6,296	8.26	58	6,188	9.37	7%	7%			
Chowan	78	8,626	9.04	89	8,652	10.29	93	8,807	10.56	9%	8%			
Currituck	142	15,487	9.17	144	15,425	9.34	168	15,023	11.18	9%	11%			
Dare	149	21,774	6.84	187	21,446	8.72	177	21,181	8.36	10%	12%			
Gates	86	7,462	11.53	103	7,381	13.95	74	7,203	10.27	-4%	-3%			
Hyde	14	3,429	4.08	16	3,486	4.59	14	3,430	4.08	1%	1%			
Pasquotank	226	25,915	8.72	253	26,223	9.65	272	25,838	10.53	10%	10%			
Perquimans	90	7,663	11.74	73	7,806	9.35	12	7,505	1.60	-51%	-52%			
Tyrrell	16	2,682	5.97	15	2,686	5.58	13	2,688	4.84	-10%	-10%			
Washington	107	7,794	13.73	96	7,805	12.30	98	7,634	12.84	-4%	-3%			
Region R Totals	959	107,005	8.96	1,028	107,206	9.59	979	105,497	9.28	1%	2%			
State Totals	56,861	5,667,720	10.03	61,697	5,784,923	10.67	62,482	5,891,719	10.61	5%	3%			

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

					Ages 65-7	74					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	for	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Cherokee	168	3,012	55.78	167	3,084	54.15	193	3,716	51.94	7%	-4%
Clay	48	1,107	43.36	58	1,137	51.01	59	1,454	40.58	11%	-1%
Graham	12	862	13.92	37	894	41.39	36	909	39.60	103%	96%
Haywood	291	5,929	49.08	277	6,020	46.01	295	6,586	44.79	1%	-4%
Jackson	110	3,061	35.94	115	3,200	35.94	86	3,585	23.99	-10%	-17%
Macon	163	3,684	44.25	162	3,728	43.45	141	4,439	31.76	-7%	-14%
Swain	50	1,168	42.81	45	1,198	37.56	28	1,335	20.97	-24%	-28%
Region A Totals	842	18,823	44.73	861	19,261	44.70	838	22,024	38.05	0%	
Buncombe	1,045	17,358	60.20	1,100	18,007	61.09	1,068	19,162	55.74	1%	-4%
Henderson	490	9,539	51.37	564	9,730	57.97	560	11,767	47.59	7%	-3%
Madison	116	1,835	63.22	105	1,901	55.23	124	2,023	61.30	4%	-1%
Transylvania	154	3,512	43.85	186	3,553	52.35	150	4,080	36.76	1%	
Region B Totals	1,805	32,244	55.98	1,955	33,191	58.90	1,902	37,032	51.36	3%	
Cleveland	447	7,388	60.50	616	7,616	80.88	396	7,807	50.72	1%	
McDowell	305	3,772	80.86	223	3,891	57.31	209	3,990	52.38	-17%	-19%
Polk	91	1,913	47.57	108	1,941	55.64	91	2,123	42.86	1%	
Rutherford	357	5,323	67.07	468	5,477	85.45	385	5,537	69.53	7%	
Region C Totals	1,200	18,396	65.23	1,415	18,925	74.77	1,081	19,457	55.56	-3%	
Alleghany	64	1,221	52.42	49	1,230	39.84	61	1,343	45.42	1%	
Ashe	112	2,590	43.24	102	2,668	38.23	111	2,928	37.91	0%	
Avery	90	1,599	56.29	87	1,660	52.41	133	1,763	75.44	25%	19%
Mitchell	89	1,589	56.01	90	1,631	55.18	136	1,705	79.77	26%	22%
Watauga	108	3,072	35.16	125	3,207	38.98	118	3,379	34.92	5%	
Wilkes	341	5,802	58.77	363	5,971	60.79	383	6,166	62.11	6%	
Yancey	81	1,836	44.12	119	1,877	63.40	138	2,004	68.86	31%	
Region D Totals	885	17,709	49.97	935	18,244	51.25	1,080	19,288	55.99	11%	6%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

					Ages 65-7	74					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Alexander	162	2,865	56.54	161	2,965	54.30		3,109	55.00		•
Burke	483	7,245	66.67	441	7,486	58.91	477	7,679	62.12	0%	
Caldwell	425	6,653	63.88	539	6,868	78.48	470	6,952	67.61	7%	4%
Catawba	779	10,880	71.60	835	11,324	73.74	841	11,608	72.45	4%	1%
Region E Totals	1,849	27,643	66.89	1,976	28,643	68.99	1,959	29,348	66.75	3%	0%
Anson	123	1,805	68.14	116	1,871	62.00	138	1,948	70.84	7%	3%
Cabarrus	668	10,233	65.28	751	10,896	68.92	756	10,511	71.92	7%	5%
Gaston	1,032	14,116	73.11	1,194	14,701	81.22	1,259	15,190	82.88	11%	7%
Iredell	634	10,446	60.69	709	10,990	64.51	755	11,079	68.15	9%	6%
Lincoln	297	5,160	57.56	394	5,496	71.69	357	5,723	62.38	12%	6%
Mecklenburg	2,287	43,471	52.61	2,502	46,316	54.02	2,240	43,892	51.03	-1%	-1%
Rowan	570	9,549	59.69	763	9,973	76.51	792	10,207	77.59	19%	15%
Stanly	296	4,543	65.16	337	4,731	71.23	337	4,837	69.67	7%	4%
Union	467	10,496	44.49	500	11,418	43.79	601	10,589	56.76	14%	14%
Region F Totals	6,374	109,819	58.04	7,266	116,392	62.43	7,235	113,976	63.48	7%	5%
Alamance	523	10,006	52.27	617	10,381	59.44	634	10,416	60.87	10%	8%
Caswell	130	1,917	67.81	113	2,017	56.02	140	2,058	68.03	5%	2%
Davidson	759	11,960	63.46	772	12,483	61.84	662	12,646	52.35	-6%	
Guilford	1,687	29,349	57.48	1,852	30,918	59.90	1,924	31,530	61.02	7%	3%
Montgomery	132	2,092	63.10	155	2,203	70.36	196	2,291	85.55	22%	17%
Randolph	504	10,010	50.35	568	10,441	54.40	640	10,756	59.50	13%	9%
Rockingham	480	7,422	64.67	510	7,628	66.86	506	7,794	64.92	3%	0%
Region G Totals	4,215	72,756	57.93	4,587	76,071	60.30	4,702	77,491	60.68	6%	2%
Davie	187	3,210	58.26	238	3,336	71.34	213	3,486	61.10	8%	4%
Forsyth	1,386	22,556	61.45	1,550	23,411	66.21	1,575	23,856	66.02	7%	4%
Stokes	254	3,536	71.83	283	3,746	75.55	246	3,930	62.60	-1%	-6%
Surry	377	5,970	63.15	480	6,153	78.01	364	6,326	57.54	2%	-1%
Yadkin	207	3,128	66.18	219	3,226	67.89	244	3,295	74.05	9%	
Region I Totals	2,411	38,400	62.79	2,770	39,872	69.47	2,642	40,893	64.61	5%	2%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

					Ages 65-7	74					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Chatham	172	4,318	39.83	204	4,547	44.86		5,079	50.40	22%	•
Durham	898	12,741	70.48	847	13,586	62.34	974	13,498	72.16	5%	
Johnston	590	9,431	62.56		10,061	72.86	699	9,847	70.99	10%	
Lee	213	3,819	55.77	213	3,993	53.34	243	4,097	59.31	7%	
Moore	387	7,911	48.92	400	8,010	49.94	499	9,846	50.68	14%	
Orange	316	6,446	49.02	378	6,915	54.66		7,039	47.73	4%	
Wake	2,024	40,479	50.00	2,330	44,466	52.40	2,479	39,723	62.41	11%	
Region J Totals	4,600	85,145	54.03	5,105	91,578	55.74	5,486	89,129	61.55	9%	
Franklin	285	3,643	78.23	292	3,846	75.92	329	3,884	84.71	8%	
Granville	211	3,742	56.39	223	3,889	57.34	241	3,885	62.03	7%	
Person	176	2,827	62.26	200	2,898	69.01	224	3,012	74.37	13%	
Vance	219	2,946	74.34	222	3,004	73.90	198	2,928	67.62	-5%	
Warren	133	1,874	70.97	104	1,876	55.44	130	1,895	68.60	2%	
Region K Totals	1,024	15,032	68.12	1,041	15,513	67.11	1,122	15,604	71.90	5%	
Edgecombe	282	3,590	78.55	278	3,628	76.63	293	3,975	73.71	2%	-3%
Halifax	300	4,242	70.72	260	4,279	60.76	234	4,463	52.43	-12%	-14%
Nash	362	6,172	58.65	409	6,430	63.61	391	6,832	57.23	4%	-1%
Northampton	125	1,904	65.65	131	1,933	67.77	117	1,882	62.17	-3%	-3%
Wilson	440	5,483	80.25	442	5,678	77.84	180	5,953	30.24	-29%	-32%
Region L Totals	1,509	21,391	70.54	1,520	21,948	69.25	1,215	23,105	52.59	-10%	-13%
Cumberland	862	15,322	56.26	927	15,733	58.92	945	16,833	56.14	5%	
Harnett	405	6,317	64.11	474	6,646	71.32	547	6,602	82.85	16%	
Sampson	341	4,550	74.95	368	4,698	78.33	367	4,770	76.94	4%	
Region M Totals	1,608	26,189	61.40	1,769	27,077	65.33	1,859	28,205	65.91	8%	
Bladen	207	2,572	80.48	211	2,590	81.47	231	2,552	90.52	6%	
Hoke	170	2,061	82.48	171	2,163	79.06	151	2,034	74.24	-6%	
Richmond	256	3,444	74.33	274	3,511	78.04	266	3,492	76.17	2%	
Robeson	714	7,575	94.26	832		106.71	821		103.88	8%	
Scotland	226	2,430	93.00	228	2,536	89.91	241	2,706	89.06	3%	
Region N Totals	1,573	18,082	86.99	1,716	18,597	92.27	1,710	18,687	91.51	4%	3%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

Ages 65-74													
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000		
Brunswick	753	10,423	72.24	790	10,846	72.84	889	15,934	55.79	9%	-11%		
Columbus	564	4,361	129.33	639	4,424	144.44	704	4,483	157.04	12%	10%		
New Hanover	864	13,474	64.12	908	14,086	64.46	1,007	15,585	64.61	8%	0%		
Pender	244	4,201	58.08	328	4,393	74.66	330	5,077	65.00	18%	8%		
Region O Totals	2,425	32,459	74.71	2,665	33,749	78.97	2,930	41,079	71.33	10%	-2%		
Carteret	346	6,376	54.27	411	6,574	62.52	369	7,809	47.25	4%	-5%		
Craven	395	6,739	58.61	466	6,765	68.88	439	7,540	58.22	6%	1%		
Duplin	297	3,756	79.07	346	3,821	90.55	273	3,766	72.49	-2%	-3%		
Greene	89	1,454	61.21	84	1,490	56.38	82	1,523	53.84	-4%	-6%		
Jones	61	872	69.95	72	877	82.10	63	879	71.67	3%	2%		
Lenoir	339	4,650	72.90	448	4,704	95.24	358	4,613	77.61	6%	6%		
Onslow	518	6,578	78.75	521	6,810	76.51	533	8,018	66.48	1%	-8%		
Pamlico	26	1,495	17.39	58	1,514	38.31	52	1,523	34.14	56%	55%		
Wayne	569	7,833	72.64	594	7,947	74.75	528	8,300	63.61	-3%	-6%		
Region P Totals	2,640	39,753	66.41	3,000	40,502	74.07	2,697	43,971	61.34	2%	-3%		
Beaufort	237	4,184	56.64	261	4,289	60.85	269	4,825	55.75	7%	0%		
Bertie	118	1,598	73.84	120	1,604	74.81	139	1,641	84.70	9%	7%		
Hertford	146	1,855	78.71	137	1,896	72.26	27	2,082	12.97	-43%	-45%		
Martin	166	1,999	83.04	194	2,002	96.90	197	2,147	91.76	9%	6%		
Pitt	545	7,946	68.59	601	8,322	72.22	612	8,382	73.01	6%	3%		
Region Q Totals	1,212	17,582	68.93	1,313	18,113	72.49	1,244	19,077	65.21	2%	-2%		

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

Ages 65-74													
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	for	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000		
Camden	30	759	39.53	30	805	37.27	39	819	47.62	15%	11%		
Chowan	47	1,335	35.21	55	1,350	40.74	65	1,361	47.76	18%	16%		
Currituck	71	1,815	39.12	81	1,893	42.79	85	2,119	40.11	10%	2%		
Dare	105	3,061	34.30	109	3,124	34.89	138	3,583	38.52	15%	6%		
Gates	59	928	63.58	73	949	76.92	59	1,008	58.53	2%	-1%		
Hyde	22	501	43.91	15	499	30.06	16	480	33.33	-13%	-10%		
Pasquotank	111	2,639	42.06	127	2,738	46.38	145	3,266	44.40	14%	3%		
Perquimans	62	1,318	47.04	65	1,377	47.20	13	1,634	7.96	-38%	-41%		
Tyrrell	18	355	50.70	19	357	53.22	20	364	54.95	5%	4%		
Washington	54	1,149	47.00	51	1,180	43.22	61	1,261	48.37	7%	2%		
Region R Totals	579	13,860	41.77	625	14,272	43.79	641	15,895	40.33	5%	-2%		
State Totals	36,751	605,283	60.72	40,519	631,948	64.12	40,343	654,261	61.66	5%	1%		

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

Ages 75 and Over												
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	for	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000	
Cherokee	377	2,458	153.38	378	2,490	151.81	372	2,842	130.89	-1%	-7%	
Clay	127	1,103	115.14	157	1,133	138.57	167	1,392	119.97	15%	3%	
Graham	39	696	56.03	93	705	131.91	45	764	58.90	43%	40%	
Haywood	638	5,389	118.39	580	5,464	106.15	638	6,010	106.16	0%	-5%	
Jackson	189	2,335	80.94	217	2,408	90.12	175	2,694	64.96	-2%	-8%	
Macon	354	3,577	98.97	357	3,663	97.46	355	4,213	84.26	0%	-8%	
Swain	123	908	135.46	131	892	146.86	64	978	65.44	-22%	-24%	
Region A Totals	1,847	16,466	112.17	1,913	16,755	114.17	1,816	18,893	96.12	-1%		
Buncombe	2,477	16,560	149.58	2,469	16,602	148.72	2,492	17,735	140.51	0%	-3%	
Henderson	1,326	10,555	125.63	1,285	10,561	121.67	1,313	12,412	105.78	0%		
Madison	252	1,532	164.49	244	1,543	158.13	300	1,673	179.32	10%		
Transylvania	497	3,454	143.89	485	3,514	138.02	453	3,876	116.87	-5%		
Region B Totals	4,552	,	141.80	4,483	32,220		,	35,696		0%		
Cleveland	984	6,187	159.04	1,197		192.35		6,426	120.76	-7%		
McDowell	359	2,941	122.07	446		149.82			127.38	8%		
Polk	216	2,248	96.09	222		100.36	266		106.27	11%		
Rutherford	889	4,708	188.83	712	4,679	152.17	726	5,009	144.94	-9%	-12%	
Region C Totals	2,448	16,084	152.20	2,577	16,091	160.15	2,176	17,141		-5%		
Alleghany	119	1,011	117.71	106	1,048	101.15	124		108.01	3%		
Ashe	241	2,271	106.12	259	2,287	113.25	270	2,517	107.27	6%		
Avery	209	1,362	153.45	229	1,384	165.46	299	1,631	183.32	20%		
Mitchell	239	1,449	164.94	230		157.00			160.58	4%		
Watauga	295	2,512	117.44	298	2,602	114.53	305	2,676	113.98			
Wilkes	857	4,551	188.31	802	4,628	173.29	856	4,923	173.88	0%	-4%	
Yancey	233	1,717	135.70	282	1,758	160.41	289	1,870	154.55	12%		
Region D Totals	2,193	14,873	147.45	2,206	15,172	145.40	2,398	16,353	146.64	5%	0%	

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

				Ag	es 75 and	Over					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Alexander	324	2,001	161.92	334	2,074	161.04			171.39		3%
Burke	934	5,903	158.22	917		153.09	926		145.19		-4%
Caldwell	956	4,941	193.48	1,064	5,049	210.73	880	5,349	164.52	-3%	-7%
Catawba	1,626	8,682	187.28	1,694	8,803	192.43	1,746	9,151	190.80	4%	1%
Region E Totals	3,840	21,527	178.38	4,009	21,916	182.93	3,933	23,101	170.25	1%	-2%
Anson	314	1,796	174.83	294	1,779	165.26	322	1,694	190.08	2%	5%
Cabarrus	1,567	8,115	193.10	1,656	8,293	199.69	1,697	8,211	206.67	4%	3%
Gaston	2,040	11,275	180.93	2,369	11,357	208.59	2,600	12,386	209.91	13%	8%
Iredell	1,550	7,813	198.39	1,718	7,980	215.29	1,705	8,337	204.51	5%	2%
Lincoln	671	3,647	183.99	852	3,717	229.22	773	3,894	198.51	9%	6%
Mecklenburg	5,177	33,358	155.20	5,480	34,338	159.59	4,830	34,151	141.43	-3%	-4%
Rowan	1,640	9,212	178.03	1,527	9,183	166.29	1,492	9,568	155.94	-5%	-6%
Stanly	570	4,129	138.05	604	4,150	145.54	645	4,257	151.52	6%	5%
Union	969	6,326	153.18	1,006	6,676	150.69	1,162	7,013	165.69	10%	4%
Region F Totals	14,498	85,671	169.23	15,506	87,473	177.27	15,226	89,511	170.10	3%	0%
Alamance	1,486	9,483	156.70	1,565	9,555	163.79	1,620	9,797	165.36	4%	3%
Caswell	213	1,512	140.87	245	1,529	160.24	287	1,572	182.57	16%	14%
Davidson	1,561	9,398	166.10	1,510	9,577	157.67	1,576	9,932	158.68	1%	-2%
Guilford	4,084	26,255	155.55	4,469	26,645	167.72	4,224	27,150	155.58	2%	0%
Montgomery	329	1,881	174.91	326	1,918	169.97	396	1,982	199.80	10%	7%
Randolph	1,198	7,892	151.80	1,273	8,028	158.57	1,336	8,266	161.63	6%	3%
Rockingham	987	6,524	151.29	1,041	6,520	159.66	735	6,720	109.38	-12%	-13%
Region G Totals	9,858	62,945	156.61	10,429	63,772	163.54	10,174	65,419	155.52	2%	0%
Davie	523	2,508	208.53	555	2,565	216.37	541	2,830	191.17	2%	-4%
Forsyth	3,544	20,253	174.99	4,161	20,604	201.95	3,887	22,113	175.78	5%	1%
Stokes	604	2,541	237.70	612	2,556	239.44	509	2,648	192.22	-8%	-9%
Surry	967	5,462	177.04	1,184	5,467	216.57	926	5,725	161.75	0%	-1%
Yadkin	396	2,521	157.08	400	2,562	156.13	427	2,637	161.93	4%	2%
Region I Totals	6,034	33,285	181.28	6,912	33,754	204.78	6,290	35,953	174.95	3%	-1%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

				Ag	es 75 and	Over					
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Chatham	443	4,158	106.54	428	•	101.61	668	•	129.86		•
Durham	1,962	11,404	172.04	2,024	11,536		2,135	12,064		4%	
Johnston	949	6,463	146.84	1,241		185.97	1,241		189.41	15%	
Lee	403	3,271	123.20	510		153.52	493		142.07	12%	
Moore	945	9,271	101.93	942		100.56	1,091	10,634		8%	
Orange	815	5,484	148.61	775	5,613	138.07	822	5,537	148.46	1%	0%
Wake	5,262	27,680	190.10	5,770	29,049	198.63	7,169	29,047	246.81	17%	14%
Region J Totals	10,779	67,731	159.14	11,690	69,773	167.54	13,619	72,448	187.98	12%	9%
Franklin	550	2,654	207.23	617	2,704	228.18	673	2,758	244.02	11%	9%
Granville	412	2,817	146.25	400	2,877	139.03	434	3,040	142.76	3%	-1%
Person	405	2,381	170.10	426	2,396	177.80	434	2,547	170.40	4%	0%
Vance	344	2,479	138.77	388	2,504	154.95	362	2,595	139.50	3%	1%
Warren	307	1,822	168.50	295	1,858	158.77	334	1,957	170.67	5%	1%
Region K Totals	2,018	12,153	166.05	2,126	12,339	172.30	2,237	12,897	173.45	5%	
Edgecombe	538	3,170	169.72	498	3,184	156.41	472	2,738	172.39	-6%	1%
Halifax	713	4,220	168.96	610	4,228	144.28	540	4,023	134.23	-13%	-11%
Nash	838	5,313	157.73	965	5,355	180.21	880	5,576	157.82	3%	1%
Northampton	296	1,903	155.54	325	1,927	168.66	290	1,942	149.33	0%	-2%
Wilson	919	4,686	196.12	968	4,757	203.49	397	5,041	78.75	-27%	-29%
Region L Totals		,	171.26	3,366	,	173.05	2,579	19,320		-11%	-11%
Cumberland	1,422	,	129.37	1,660	11,354		1,673	12,299		9%	3%
Harnett	843	,	175.81	946		192.16	1,038		198.43	11%	6%
Sampson	646	3,700	174.59	667	· · · · · · · · · · · · · · · · · · ·	177.63	686		171.24	3%	
Region M Totals	2,911	19,487	149.38	3,273	20,032		3,397	21,536		8%	
Bladen	395	2,086	189.36	408		192.73	391		178.78	0%	
Hoke	335	,	252.07	341		244.09	338		234.56	0%	
Richmond	451	2,937	153.56	442		150.60	455	· · · · · · · · · · · · · · · · · · ·	154.81	0%	
Robeson	1,117	,	198.30	1,104		195.16	1,149	-	197.52	1%	
Scotland	416	· · · · · · · · · · · · · · · · · · ·	220.57	432	· · · · · · · · · · · · · · · · · · ·	231.02	408		218.65	-1%	
Region N Totals	2,714	13,871	195.66	2,727	13,976	195.12	2,741	14,250	192.35	0%	-1%

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

Ages 75 and Over													
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009		Use Rate for 2009	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000		
Brunswick	1,169	6,730	173.70	1,314	7,136	184.14	1,351	8,462	159.65	8%	-4%		
Columbus	935	3,375	277.04	981	3,399	288.61	1,085	3,542	306.32	8%	5%		
New Hanover	2,005	11,072	181.09	2,160	11,326	190.71	2,121	12,566	168.79	3%	-3%		
Pender	422	3,149	134.01	473	3,272	144.56	563	3,677	153.11	16%	7%		
Region O Totals	4,531	24,326	186.26	4,928	25,133	196.08	5,120	28,247	181.26	6%	-1%		
Carteret	746	5,313	140.41	803	5,442	147.56	782	6,091	128.39	3%	-4%		
Craven	758	6,227	121.73	907	6,350	142.83	806	6,667	120.89	4%	1%		
Duplin	554	3,045	181.94	635	3,093	205.30	465	3,198	145.40	-6%	-8%		
Greene	174	1,164	149.48	192	1,187	161.75	178	1,233	144.36	2%	-1%		
Jones	133	814	163.39	163	817	199.51	112	856	130.84	-4%	-6%		
Lenoir	791	4,100	192.93	967	4,117	234.88	870	3,813	228.17	6%	9%		
Onslow	809	4,518	179.06	908	4,697	193.31	878	5,302	165.60	4%	-3%		
Pamlico	25	1,271	19.67	111	1,311	84.67	109	1,422	76.65	171%	160%		
Wayne	1,185	6,291	188.36	1,124	6,388	175.95	1,027	6,459	159.00	-7%	-8%		
Region P Totals	5,175	32,743	158.05	5,810	33,402	173.94	5,227	35,041	149.17	1%	-2%		
Beaufort	529	3,419	154.72	517	3,507	147.42	511	3,713	137.62	-2%	-6%		
Bertie	280	1,499	186.79	292	1,525	191.48	316	1,573	200.89	6%	4%		
Hertford	376	1,716	219.11	331	1,731	191.22	43	1,715	25.07	-49%	-50%		
Martin	381	1,765	215.86	416	1,775	234.37	687	1,573	436.75	37%	47%		
Pitt	1,081	6,432	168.07	1,289	6,552	196.73	1,106	7,170	154.25	3%	-2%		
Region Q Totals	2,647	14,831	178.48	2,845	15,090	188.54	2,663	15,744	169.14	1%	-2%		

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population 2011 SMFP

Ages 75 and Over												
County	Home Health Patients in 2007	Estimated 2007 Population	Use Rate for 2007	Home Health Patients in 2008	Estimated 2008 Population	Use Rate for 2008	Home Health Patients in 2009	Estimated 2009 Population	for	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000	
Camden	40	517	77.37	53	551	96.19	51	629	81.08	14%	4%	
Chowan	158	1,316	120.06	173	1,327	130.37	167	1,350	123.70	3%	2%	
Currituck	157	1,200	130.83	151	1,253	120.51	141	1,407	100.21	-5%	-12%	
Dare	207	2,336	88.61	205	2,437	84.12	230	2,743	83.85	6%	-3%	
Gates	101	745	135.57	102	764	133.51	97	824	117.72	-2%	-7%	
Hyde	34	460	73.91	29	470	61.70	39	471	82.80	10%	9%	
Pasquotank	295	2,580	114.34	292	2,626	111.20	334	3,403	98.15	7%	-7%	
Perquimans	105	1,145	91.70	127	1,167	108.83	4	1,276	3.13	-38%	-39%	
Tyrrell	53	365	145.21	53	366	144.81	39	372	104.84	-13%	-14%	
Washington	139	1,028	135.21	132	1,040	126.92	107	999	107.11	-12%	-11%	
Region R Totals	1,289	11,692	110.25	1,317	12,001	109.74	1,209	13,474	89.73	-3%	-9%	
State Totals	80,638	499,078	161.57	86,117	508,350	169.40	85,363	535,024	159.55	3%	0%	

^{*} Adjustments for Active Duty Military Personnel have been applied to the Ages 18-64 population.

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

Under Age 18													
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012					
Cherokee	1	-10%	1	0.20	-9%	0.15	5,024	1					
Clay	3	-10%	2	1.82	-9%	1.31	1,683	2					
Graham	1	-10%	1	0.55	-9%	0.40	1,854	1					
Haywood	40	-10%	28	3.58	-9%	2.57	11,123	29					
Jackson	11	-10%	8	1.62	-9%	1.16	7,116	8					
Macon	20	-10%	14	3.03	-9%	2.18	6,998	15					
Swain	4	-10%	3	1.23	-9%	0.89	3,398	3					
Region A Totals	80	-10%	56	2.21	-9%	1.59	37,196	59					
Buncombe	131	-14%	78	2.75	-12%	1.73	48,561	84					
Henderson	40	-14%	24	1.86	-12%	1.16	22,798	27					
Madison	11	-14%	7	2.64	-12%	1.66	4,109	7					
Transylvania	23	-14%	14	4.14	-12%	2.60	5,590	15					
Region B Totals	205	-14%	122	2.60	-12%	1.63	81,058	132					
Cleveland	87	-5%	75	3.76	-4%	3.26	22,801	74					
McDowell	38	-5%	33	3.91	-4%	3.39	9,804	33					
Polk	5	-5%	4	1.42	-4%	1.23	3,487	4					
Rutherford	59	-5%	51	4.07	-4%	3.53	14,367	51					
Region C Totals	189	-5%	163	3.71	-4%	3.22	50,459	162					
Alleghany	2	8%	2	0.97	8%	1.20	2,049	2					
Ashe	4	8%	5	0.78	8%	0.97	5,214	5					
Avery	8	8%	10	2.50	8%	3.09	3,113	10					
Mitchell	15	8%	18	4.86	8%	6.02	3,097	19					
Watauga	3	8%	4	0.45	8%	0.55	6,788	4					
Wilkes	43	8%	53	2.89	8%	3.57	14,795	53					
Yancey	20	8%	25	5.54	8%	6.86	3,588	25					
Region D Totals	95	8%	116	2.46	8%	3.04	38,644	117					

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

			Und	der Age 18				
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Alexander	42	11%	56	5.01	11%	6.65	8,318	55
Burke	64	11%	85	3.28	11%	4.36	19,261	84
Caldwell	84	11%	111	4.71	11%	6.26	17,621	110
Catawba	158	11%	210	4.28	11%	5.69	37,633	214
Region E Totals	348	11%	462	4.21	11%	5.59	82,833	463
Anson	25	-14%	15	4.21	-15%	2.27	5,703	13
Cabarrus	103	-14%	60	2.27	-15%	1.22	49,070	60
Gaston	238	-14%	139	4.84	-15%	2.61	50,445	132
Iredell	130	-14%	76	3.39	-15%	1.83	38,987	71
Lincoln	44	-14%	26	2.51	-15%	1.36	17,838	24
Mecklenburg	487	-14%	284	2.14	-15%	1.16	239,875	277
Rowan	116	-14%	68	3.58	-15%	1.93	32,788	63
Stanly	95	-14%	55	6.98	-15%	3.77	13,582	51
Union	119	-14%	69	2.24	-15%	1.21	55,380	67
Region F Totals	1,357	-14%	790	2.81	-15%	1.52	503,668	759
Alamance	65	-4%	57	1.86	-5%	1.60	36,062	58
Caswell	16	-4%	14	3.47	-5%	2.98	4,301	13
Davidson	108	-4%	95	2.93	-5%	2.52	37,328	94
Guilford	548	-4%	483	4.94	-5%	4.23	114,648	485
Montgomery	53	-4%	47	7.72	-5%	6.62	6,915	46
Randolph	200	-4%	176	5.92	-5%	5.08	34,420	175
Rockingham	44	-4%	39	2.16	-5%	1.85	20,188	37
Region G Totals	1,034	-4%	912	4.16	-5%	3.57	253,862	907
Davie	41	-13%	25	4.22	-14%	2.47	9,908	25
Forsyth	339	-13%	208	4.00	-14%	2.34	88,538	207
Stokes	40	-13%	25	3.93	-14%	2.30	9,797	23
Surry	35	-13%	21	2.08	-14%	1.21	16,923	21
Yadkin	47	-13%	29	5.32	-14%	3.12	8,723	27
Region I Totals	502	-13%	308	3.85	-14%	2.26	133,889	302

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

Under Age 18												
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012				
Chatham	27	5%	31	2.09	3%	2.27	13,487	31				
Durham	156	5%	178	2.40	3%	2.62	69,983	183				
Johnston	42	5%	48	0.97	3%	1.05	46,494	49				
Lee	22	5%	25	1.47	3%	1.60	15,623	25				
Moore	97	5%	111	5.45	3%	5.93	18,467	109				
Orange	56	5%	64	2.30	3%	2.50	24,615	62				
Wake	206	5%	236	0.94	3%	1.02	236,196	241				
Region J Totals	606	5%	693	1.52	3%	1.66	424,865	700				
Franklin	17	-20%	7	1.22	-20%	0.48	14,345	7				
Granville	8	-20%	3	0.64	-20%	0.25	12,326	3				
Person	24	-20%	10	2.81	-20%	1.11	8,666	10				
Vance	7	-20%	3	0.60	-20%	0.24	11,444	3				
Warren	8	-20%	3	2.06	-20%	0.82	3,785	3				
Region K Totals	64	-20%	25	1.27	-20%	0.50	50,566	26				
Edgecombe	32	-15%	18	2.44	-15%	1.34	12,817	17				
Halifax	22	-15%	12	1.69	-15%	0.93	12,527	12				
Nash	37	-15%	20	1.61	-15%	0.88	23,451	21				
Northampton	6	-15%	3	1.36	-15%	0.74	4,325	3				
Wilson	7	-15%	4	0.35	-15%	0.19	20,111	4				
Region L Totals	104	-15%	57	1.42	-15%	0.78	73,231	57				
Cumberland	399	4%	445	4.64	5%	5.29	89,658	474				
Harnett	49	4%	55	1.71	5%	1.95	30,400	59				
Sampson	69	4%	77	4.19	5%	4.77	16,701	80				
Region M Totals	517	4%	576	3.94	5%	4.49	136,759	613				
Bladen	41	-2%	39	5.27	-2%	4.95	7,685	38				
Hoke	35	-2%	33	2.58	-2%	2.42	14,629	35				
Richmond	56	-2%	53	4.81	-2%	4.51	11,561	52				
Robeson	213	-2%	203	5.82	-2%	5.46	37,218	203				
Scotland	45	-2%	43	4.71	-2%	4.41	9,303	41				
Region N Totals	390	-2%	371	4.92	-2%	4.62	80,396	370				

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

Under Age 18													
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012					
Brunswick	88	13%	121	4.61	14%	6.57	20,090	132					
Columbus	81	13%	112	5.72	14%	8.15	14,328	117					
New Hanover	143	13%	197	3.68	14%	5.25	40,004	210					
Pender	35	13%	48	3.30	14%	4.70	11,145	52					
Region O Totals	347	13%	478	4.19	14%	5.98	85,567	511					
Carteret	18	-12%	12	1.57	-12%	0.99	11,526	11					
Craven	16	-12%	10	0.61	-12%	0.39	27,457	11					
Duplin	37	-12%	24	2.66	-12%	1.68	14,306	24					
Greene	5	-12%	3	1.01	-12%	0.64	4,919	3					
Jones	3	-12%	2	1.48	-12%	0.93	1,901	2					
Lenoir	23	-12%	15	1.68	-12%	1.06	13,480	14					
Onslow	93	-12%	60	1.88	-12%	1.19	54,925	65					
Pamlico	0	-12%	0	0.00	-12%	0.00	2,173	0					
Wayne	33	-12%	21	1.11	-12%	0.70	30,015	21					
Region P Totals	228	-12%	148	1.48	-12%	0.94	160,702	151					
Beaufort	7	-22%	2	0.66	-23%	0.21	10,670	2					
Bertie	6	-22%	2	1.30	-23%	0.42	4,507	2					
Hertford	0	-22%	0	0.00	-23%	0.00	5,224	0					
Martin	21	-22%	7	3.66	-23%	1.18	5,587	7					
Pitt	50	-22%	17	1.37	-23%	0.44	38,762	17					
Region Q Totals	84	-22%	28	1.34	-23%	0.43	64,750	28					

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

Under Age 18													
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012					
Camden	4	6%	5	1.98	8%	2.48	1,879	5					
Chowan	7	6%	8	2.12	8%	2.65	3,316	9					
Currituck	24	6%	29	4.85	8%	6.06	4,464	27					
Dare	9	6%	11	1.33	8%	1.67	6,700	11					
Gates	6	6%	7	2.32	8%	2.90	2,506	7					
Hyde	0	6%	0	0.00	8%	0.00	969	0					
Pasquotank	27	6%	32	2.93	8%	3.67	9,252	34					
Perquimans	3	6%	4	1.18	8%	1.48	2,542	4					
Tyrrell	3	6%	4	3.65	8%	4.56	823	4					
Washington	9	6%	11	2.89	8%	3.62	3,094	11					
Region R Totals	92	6%	110	2.54	8%	3.17	35,545	112					
State Totals	6,242	-7%	5,414	2.82	-8%	2.15	2,293,990	5,469					

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 18-64									
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012		
Cherokee	286	10%	368	18.72	10%	24.45	15,787	386		
Clay	64	10%	82	10.89	10%	14.23	6,153	88		
Graham	42	10%	54	8.67	10%	11.33	4,910	56		
Haywood	386	10%	496	11.27	10%	14.72	34,770	512		
Jackson	104	10%	134	4.17	10%	5.45	25,333	138		
Macon	160	10%	206	8.32	10%	10.87	19,926	217		
Swain	61	10%	78	7.36	10%	9.61	8,726	84		
Region A Totals	1,103	10%	1,418	9.79	10%	12.79	115,605	1,480		
Buncombe	1,540	3%	1,694	10.55	3%	11.44	150,170	1,718		
Henderson	669	3%	736	11.24	3%	12.19	62,175	758		
Madison	171	3%	188	13.17	3%	14.28	13,174	188		
Transylvania	148	3%	163	8.42	3%	9.13	17,788	162		
Region B Totals	2,528	3%	2,780	10.71	3%	11.61	243,307	2,826		
Cleveland	758	0%	765	12.38	-1%	12.19	62,175	758		
McDowell	406	0%	410	14.58	-1%	14.36	28,217	405		
Polk	121	0%	122	10.79	-1%	10.63	11,582	123		
Rutherford	727	0%	733	18.74	-1%	18.46	39,439	728		
Region C Totals	2,012	0%	2,030	14.47	-1%	14.25	141,413	2,014		
Alleghany	59	4%	66	8.84	4%	9.97	6,762	67		
Ashe	119	4%	133	7.46	4%	8.41	16,062	135		
Avery	105	4%	117	8.97	4%	10.11	11,633	118		
Mitchell	136	4%	152	14.17	4%	15.98	9,612	154		
Watauga	136	4%	152	4.17	4%	4.70	33,029	155		
Wilkes	584	4%	652	14.06	4%	15.84	41,347	655		
Yancey	150	4%	168	13.55	4%	15.27	11,173	171		
Region D Totals	1,289	4%	1,439	9.98	4%	11.25	129,618	1,454		

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

			Ag	ges 18-64				
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Alexander	290	3%	320	12.29	3%	13.24	24,035	318
Burke	746	3%	824	13.30	3%	14.32	56,574	810
Caldwell	678	3%	749	13.56	3%	14.60	50,671	740
Catawba	1,341	3%	1,481	13.50	3%	14.54	102,602	1,491
Region E Totals	3,055	3%	3,373	13.34	3%	14.36	233,882	3,359
Anson	237	6%	278	15.19	3%	16.68	15,563	260
Cabarrus	1,117	6%	1,312	10.14	3%	11.14	119,298	1,329
Gaston	1,997	6%	2,346	15.30	3%	16.80	133,464	2,243
Iredell	1,270	6%	1,492	12.80	3%	14.05	104,570	1,469
Lincoln	586	6%	688	12.06	3%	13.24	50,953	675
Mecklenburg	3,950	6%	4,639	6.71	3%	7.37	610,692	4,499
Rowan	1,272	6%	1,494	14.40	3%	15.82	90,659	1,434
Stanly	511	6%	600	13.67	3%	15.01	38,003	570
Union	904	6%	1,062	7.19	3%	7.90	135,406	1,070
Region F Totals	11,844	6%	13,911	9.52	3%	10.45	1,298,608	13,548
Alamance	896	9%	1,148	9.61	8%		96,990	1,149
Caswell	233	9%	298	15.30	8%	18.86	14,978	282
Davidson	1,267	9%	1,623	12.59	8%	15.52	103,674	1,609
Guilford	3,511	9%	4,497	11.46	8%	14.12	319,384	4,511
Montgomery	322	9%	412	19.11	8%	23.55	17,011	401
Randolph	1,027	9%	1,315	11.45	8%	14.11	92,294	1,302
Rockingham	747	9%	957	13.11	8%	16.16	57,017	921
Region G Totals	8,003	9%	10,250	11.79	8%	14.53	701,348	10,176
Davie	284	7%	344	11.03	5%	12.68	26,839	340
Forsyth	2,891	7%	3,503	12.85	5%	14.76	234,552	3,462
Stokes	326	7%	395	10.86	5%	12.47	30,300	378
Surry	498	7%	603	11.07	5%	12.72	45,842	583
Yadkin	350	7%	424	15.06	5%	17.30	23,458	406
Region I Totals	4,349	7%	5,269	12.46	5%	14.32	360,991	5,170

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 18-64										
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012			
Chatham	317	9%	404	8.06	5%	9.32	41,115	383			
Durham	1,634	9%	2,085	9.30	5%		184,208	1,981			
Johnston	1,085	9%	1,384	10.00	5%	11.56	119,129	1,378			
Lee	346	9%	441	9.60	5%	11.10	37,397	415			
Moore	578	9%	737	12.01	5%	13.89	50,322	699			
Orange	533	9%	680	5.59	5%	6.47	97,743	632			
Wake	3,838	9%	4,896	6.35	5%	7.35	656,984	4,829			
Region J Totals	8,331	9%	10,628	7.52	5%	8.70	1,186,898	10,317			
Franklin	495	2%	526	12.82	0%	13.01	40,776	530			
Granville	313	2%	333	8.23	0%	8.35	39,084	326			
Person	334	2%	355	13.82	0%	14.03	24,585	345			
Vance	341	2%	362	12.86	0%	13.05	26,505	346			
Warren	153	2%	163	12.54	0%	12.72	12,031	153			
Region K Totals	1,636	2%	1,738	11.73	0%	11.90	142,981	1,701			
Edgecombe	408	-15%	223	12.96	-16%	6.82	31,357	214			
Halifax	358	-15%	196	10.64	-16%	5.60	33,552	188			
Nash	529	-15%	290	8.75	-16%	4.61	62,541	288			
Northampton	142	-15%	78	11.14	-16%	5.86	12,671	74			
Wilson	238	-15%	130	4.83	-16%	2.54	50,269	128			
Region L Totals	1,675	-15%	917	8.93	-16%	4.70	190,390	892			
Cumberland	1,610	7%	1,955	9.50	4%	10.78	174,485	1,881			
Harnett	808	7%	981	11.55	4%	13.10	76,897	1,007			
Sampson	521	7%	633	12.97	4%	14.72	41,147	606			
Region M Totals	2,939	7%	3,569	10.51	4%		292,529	3,495			
Bladen	399	3%	437	20.43	2%		19,090	413			
Hoke	269	3%	294	9.74	2%		29,768	307			
Richmond	399	3%		13.86	2%		28,816	423			
Robeson	1,717	3%	1,879	21.26	2%	22.53	82,314	1,854			
Scotland	465	3%		20.39	2%	21.61	22,740	491			
Region N Totals	3,249	3%	3,556	18.10	2%	19.18	182,728	3,489			

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 18-64									
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012		
Brunswick	937	9%	1,178	14.72	7%	17.86	67,821	1,211		
Columbus	1,150	9%	1,446	33.72	7%	40.91	34,325	1,404		
New Hanover	1,380	9%	1,735	10.86	7%	13.17	129,365	1,704		
Pender	501	9%	630	14.85	7%	18.02	36,409	656		
Region O Totals	3,968	9%	4,988	15.34	7%	18.62	267,920	4,976		
Carteret	477	3%	518	12.34	1%	12.80	39,058	500		
Craven	645	3%	700	12.23	1%	12.69	53,152	674		
Duplin	361	3%	392	11.00	1%	11.41	33,498	382		
Greene	148	3%	161	10.80	1%	11.21	14,085	158		
Jones	51	3%	55	7.98	1%	8.28	6,452	53		
Lenoir	559	3%	607	15.93	1%	16.52	34,330	567		
Onslow	799	3%	867	9.50	1%	9.85	86,519	852		
Pamlico	61	3%	66	7.91	1%	8.20	7,622	63		
Wayne	746	3%	809	10.89	1%	11.30	68,783	777		
Region P Totals	3,847	3%	4,174	11.32	1%	11.75	343,499	4,027		
Beaufort	366	-4%	325	12.94	-5%	10.86	28,059	305		
Bertie	195	-4%	173	15.88	-5%	13.33	12,185	162		
Hertford	26	-4%	23	1.75	-5%	1.47	14,752	22		
Martin	210	-4%	186	14.59	-5%	12.24	14,206	174		
Pitt	878	-4%	780	8.24	-5%	6.91	112,626	778		
Region Q Totals	1,675	-4%	1,487	9.50	-5%	7.97	181,828	1,441		

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 18-64									
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012		
Camden	58	1%	60	9.37	2%	9.90	6,141	61		
Chowan	93	1%	96	10.56	2%	11.16	8,887	99		
Currituck	168	1%	174	11.18	2%	11.82	14,398	170		
Dare	177	1%	183	8.36	2%	8.83	20,274	179		
Gates	74	1%	77	10.27	2%	10.85	7,509	82		
Hyde	14	1%	15	4.08	2%	4.31	3,405	15		
Pasquotank	272	1%	282	10.53	2%	11.12	25,634	285		
Perquimans	12	1%	12	1.60	2%	1.69	7,678	13		
Tyrrell	13	1%	13	4.84	2%	5.11	2,682	14		
Washington	98	1%	102	12.84	2%	13.56	7,423	101		
Region R Totals	979	1%	1,015	9.28	2%	9.80	104,031	1,018		
State Totals	62,482	5%	72,544	10.61	3%	11.52	6,117,576	71,383		

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

Ages 65-74									
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012	
Cherokee	193	0%	192	51.94	-7%	40.29	4,038	163	
Clay	59	0%	59	40.58	-7%	31.48	1,701	54	
Graham	36	0%	36	39.60	-7%	30.72	906	28	
Haywood	295	0%	293	44.79	-7%	34.75	6,979	243	
Jackson	86	0%	85	23.99	-7%	18.61	4,081	76	
Macon	141	0%	140	31.76	-7%	24.64	4,808	118	
Swain	28	0%	28	20.97	-7%	16.27	1,444	23	
Region A Totals	838	0%	833	38.05	-7%	29.52	23,957	704	
Buncombe	1,068	3%	1,158	55.74	-4%	49.40	21,410	1,058	
Henderson	560	3%	607	47.59	-4%	42.18	12,765	538	
Madison	124	3%	134	61.30	-4%	54.32	2,227	121	
Transylvania	150	3%	163	36.76	-4%	32.58	4,359	142	
Region B Totals	1,902	3%	,	51.36	-4%	45.52	40,761	1,859	
Cleveland	396	-3%		50.72	-6%		8,637	365	
McDowell	209	-3%	191	52.38	-6%	43.68	4,230	185	
Polk	91	-3%	83	42.86	-6%	35.74	2,267	81	
Rutherford	385	-3%	352	69.53	-6%	57.98	5,988	347	
Region C Totals	1,081	-3%		55.56	-6%	46.33	21,122	978	
Alleghany	61	11%	80	45.42	6%	53.47	1,426	76	
Ashe	111	11%	146	37.91	6%	44.62	3,165	141	
Avery	133	11%	175	75.44	6%	88.80	1,848	164	
Mitchell	136	11%		79.77	6%	93.89	1,876	176	
Watauga	118	11%		34.92	6%		3,766	155	
Wilkes	383	11%	505	62.11	6%	73.12	6,634	485	
Yancey	138	11%	182	68.86	6%	81.06	2,114	171	
Region D Totals	1,080	11%	1,423	55.99	6%	65.91	20,829	1,369	

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

			Aç	ges 65-74				
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Alexander	171	3%	186	55.00	0%	54.92	3,489	192
Burke	477	3%	520	62.12	0%	62.02	8,286	514
Caldwell	470	3%	512	67.61	0%	67.50	7,500	506
Catawba	841	3%	917	72.45	0%	72.34	13,028	942
Region E Totals	1,959	3%	2,136	66.75	0%	66.65	32,303	2,154
Anson	138	7%	166	70.84	5%	80.66	2,127	172
Cabarrus	756	7%	910	71.92	5%	81.89	12,038	986
Gaston	1,259	7%	1,515	82.88	5%	94.37	17,104	1,614
Iredell	755	7%	909	68.15	5%	77.59	12,400	962
Lincoln	357	7%	430	62.38	5%	71.03	6,578	467
Mecklenburg	2,240	7%	2,696	51.03	5%	58.11	52,734	3,064
Rowan	792	7%	953	77.59	5%	88.35	11,328	1,001
Stanly	337	7%	406	69.67	5%	79.33	5,255	417
Union	601	7%	723	56.76	5%	64.62	12,290	794
Region F Totals	7,235	7%	8,707	63.48	5%	72.28	131,854	9,477
Alamance	634	6%	742	60.87	2%		11,397	743
Caswell	140	6%	164	68.03	2%	72.84	2,264	165
Davidson	662	6%	775	52.35	2%	56.05	14,028	786
Guilford	1,924	6%	2,251	61.02	2%	65.33	35,874	2,344
Montgomery	196	6%	229	85.55	2%	91.60	2,452	225
Randolph	640	6%	749	59.50	2%	63.71	12,222	779
Rockingham	506	6%	592	64.92	2%	69.51	8,424	586
Region G Totals	4,702	6%	5,501	60.68	2%	64.97	86,661	5,626
Davie	213	5%	246	61.10	2%	64.44	3,958	255
Forsyth	1,575	5%	1,818	66.02	2%	69.63	26,850	1,870
Stokes	246	5%	284	62.60	2%	66.02	4,330	286
Surry	364	5%	420	57.54	2%	60.69	6,792	412
Yadkin	244	5%	282	74.05	2%	78.10	3,465	271
Region I Totals	2,642	5%	3,049	64.61	2%	68.14	45,395	3,093

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 65-74										
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012			
Chatham	256	9%	327	50.40	7%	60.68	5,847	355			
Durham	974	9%	1,243	72.16	7%		15,903	1,382			
Johnston	699	9%	892	70.99	7%	85.47	11,605	992			
Lee	243	9%	310	59.31	7%		4,477	320			
Moore	499	9%	637	50.68	7%	61.02	10,609	647			
Orange	336	9%	429	47.73	7%	57.47	8,586	493			
Wake	2,479	9%	3,165	62.41	7%	75.14	49,207	3,697			
Region J Totals	5,486	9%	7,004	61.55	7%	74.11	106,234	7,886			
Franklin	329	5%	376	84.71	3%	91.90	4,437	408			
Granville	241	5%	275	62.03	3%	67.30	4,336	292			
Person	224	5%	256	74.37	3%	80.68	3,305	267			
Vance	198	5%	226	67.62	3%	73.36	3,121	229			
Warren	130	5%	148	68.60	3%	74.43	1,905	142			
Region K Totals	1,122	5%	1,281	71.90	3%	78.01	17,104	1,337			
Edgecombe	293	-10%	208	73.71	-13%	45.08	4,232	191			
Halifax	234	-10%	166	52.43	-13%	32.06	4,671	150			
Nash	391	-10%	278	57.23	-13%	35.00	7,853	275			
Northampton	117	-10%	83	62.17	-13%	38.02	1,953	74			
Wilson	180	-10%	128	30.24	-13%	18.49	6,412	119			
Region L Totals	1,215	-10%		52.59	-13%	32.16	25,121	808			
Cumberland	945	8%	1,159	56.14	4%		18,422	1,147			
Harnett	547	8%	671	82.85	4%		7,564	695			
Sampson	367	8%	450	76.94	4%		5,017	428			
Region M Totals	1,859	8%	,	65.91	4%		31,003	2,271			
Bladen	231	4%		90.52	3%		2,685	262			
Hoke	151	4%	171	74.24	3%		2,282	183			
Richmond	266	4%	301	76.17	3%		3,769	310			
Robeson	821	4%		103.88	3%		8,694	974			
Scotland	241	4%	273	89.06	3%	96.06	2,993	288			
Region N Totals	1,710	4%	1,934	91.51	3%	98.70	20,423	2,016			

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 65-74									
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012		
Brunswick	889	10%	1,154	55.79	-2%	52.46	18,151	952		
Columbus	704	10%	914	157.04	-2%	147.67	4,821	712		
New Hanover	1,007	10%	1,307	64.61	-2%	60.76	17,422	1,059		
Pender	330	10%	428	65.00	-2%	61.12	5,913	361		
Region O Totals	2,930	10%	3,802	71.33	-2%	67.07	46,307	3,084		
Carteret	369	2%	389	47.25	-3%	43.24	8,704	376		
Craven	439	2%	462	58.22	-3%	53.28	7,965	424		
Duplin	273	2%	287	72.49	-3%	66.34	3,886	258		
Greene	82	2%	86	53.84	-3%	49.27	1,642	81		
Jones	63	2%	66	71.67	-3%	65.59	910	60		
Lenoir	358	2%	377	77.61	-3%	71.02	4,906	348		
Onslow	533	2%	561	66.48	-3%	60.83	8,415	512		
Pamlico	52	2%	55	34.14	-3%	31.25	1,559	49		
Wayne	528	2%	556	63.61	-3%	58.22	8,693	506		
Region P Totals	2,697	2%	2,840	61.34	-3%	56.13	46,680	2,614		
Beaufort	269	2%	281	55.75	-2%	51.67	5,343	276		
Bertie	139	2%	145	84.70	-2%	78.50	1,708	134		
Hertford	27	2%	28	12.97	-2%	12.02	2,217	27		
Martin	197	2%	206	91.76	-2%	85.03	2,247	191		
Pitt	612	2%	640	73.01	-2%	67.66	9,565	647		
Region Q Totals	1,244	2%	1,301	65.21	-2%	60.43	21,080	1,275		

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 65-74									
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012		
Camden	39	5%	45	47.62	-2%	45.42	873	40		
Chowan	65	5%	75	47.76	-2%	45.55	1,420	65		
Currituck	85	5%	98	40.11	-2%	38.26	2,281	87		
Dare	138	5%	160	38.52	-2%	36.73	3,728	137		
Gates	59	5%	68	58.53	-2%	55.82	1,135	63		
Hyde	16	5%	19	33.33	-2%	31.79	486	15		
Pasquotank	145	5%	168	44.40	-2%	42.34	3,552	150		
Perquimans	13	5%	15	7.96	-2%	7.59	1,743	13		
Tyrrell	20	5%	23	54.95	-2%	52.40	351	18		
Washington	61	5%	71	48.37	-2%	46.14	1,332	61		
Region R Totals	641	5%	742	40.33	-2%	38.46	16,901	651		
State Totals	40,343	5%	46,746	61.66	1%	63.30	733,735	47,204		

	Ages 75 and Over										
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012			
Cherokee	372	-1%	364	130.89	-7%	103.35	3,215	332			
Clay	167	-1%	163	119.97	-7%	94.73	1,570	149			
Graham	45	-1%	44	58.90	-7%	46.51	811	38			
Haywood	638	-1%	624	106.16	-7%	83.82	6,295	528			
Jackson	175	-1%	171	64.96	-7%	51.29	2,944	151			
Macon	355	-1%	347	84.26	-7%	66.53	4,561	303			
Swain	64	-1%	63	65.44	-7%	51.67	1,058	55			
Region A Totals	1,816	-1%	1,775	96.12	-7%	75.90	20,454	1,556			
Buncombe	2,492	0%	2,498	140.51	-5%	119.21	18,301	2,182			
Henderson	1,313	0%	1,316	105.78	-5%	89.75	13,096	1,175			
Madison	300	0%	301	179.32	-5%	152.13	1,732	263			
Transylvania	453	0%	454	116.87	-5%	99.15	4,163	413			
Region B Totals	4,558	0%	4,569	127.69	-5%	108.33	37,292	4,033			
Cleveland	776	-5%	656	120.76	-8%	92.67	6,458	598			
McDowell	408	-5%	345	127.38	-8%	97.75	3,360	328			
Polk	266	-5%	225	106.27	-8%	81.55	2,529	206			
Rutherford	726	-5%	614	144.94	-8%	111.22	4,917	547			
Region C Totals	2,176	-5%	1,840	126.95	-8%	97.41	17,264	1,680			
Alleghany	124	5%	141	108.01	0%	107.14	1,227	131			
Ashe	270	5%	308	107.27	0%	106.41	2,652	282			
Avery	299	5%	341	183.32	0%	181.85	1,694	308			
Mitchell	255	5%	291	160.58	0%	159.29	1,600	255			
Watauga	305	5%	348	113.98	0%	113.06	2,900	328			
Wilkes	856	5%	975	173.88	0%	172.48	5,122	883			
Yancey	289	5%	329	154.55	0%	153.30	1,963	301			
Region D Totals	2,398	5%	2,732	146.64	0%	145.46	17,158	2,489			

			Ages	75 and Over				
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Alexander	381	1%	395	171.39	-2%	160.13	2,373	380
Burke	926	1%	961	145.19	-2%	135.65	6,626	899
Caldwell	880	1%	913	164.52	-2%	153.71	5,581	858
Catawba	1,746	1%	1,812	190.80	-2%	178.26	9,601	1,712
Region E Totals	3,933	1%	4,081	170.25	-2%	159.07	24,181	3,848
Anson	322	3%	347	190.08	0%	192.10	1,628	313
Cabarrus	1,697	3%	1,828	206.67	0%	208.87	8,714	1,820
Gaston	2,600	3%	2,801	209.91	0%	212.14	12,747	2,704
Iredell	1,705	3%	1,837	204.51	0%	206.68	8,810	1,821
Lincoln	773	3%	833	198.51	0%	200.62	4,142	831
Mecklenburg	4,830	3%	5,203	141.43	0%	142.93	36,278	5,185
Rowan	1,492	3%	1,607	155.94	0%	157.59	9,556	1,506
Stanly	645	3%	695	151.52	0%	153.12	4,385	671
Union	1,162	3%	1,252	165.69	0%	167.45	7,939	1,329
Region F Totals	15,226	3%	16,402	170.10	0%	171.91	94,199	16,181
Alamance	1,620	2%	1,701	165.36	0%	164.16	9,961	1,635
Caswell	287	2%	301	182.57	0%	181.25	1,667	302
Davidson	1,576	2%	1,655	158.68	0%	157.53	10,366	1,633
Guilford	4,224	2%	4,436	155.58	0%	154.46	28,475	4,398
Montgomery	396	2%	416	199.80	0%	198.36	2,033	403
Randolph	1,336	2%	1,403	161.63	0%	160.46	8,572	1,375
Rockingham	735	2%	772	109.38	0%	108.59	6,783	737
Region G Totals	10,174	2%	10,685	155.52	0%	154.40	67,857	10,484
Davie	541	3%	586	191.17	-1%	186.56	3,059	571
Forsyth	3,887	3%	4,211	175.78	-1%	171.55	23,090	3,961
Stokes	509	3%	551	192.22	-1%	187.59	2,854	535
Surry	926	3%	1,003	161.75	-1%	157.85	5,777	912
Yadkin	427	3%	463	161.93	-1%	158.03	2,737	433
Region I Totals	6,290	3%	6,814	174.95	-1%	170.74	37,517	6,411

	Ages 75 and Over							
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Chatham	668	12%	_	129.86	9%	163.90	5,486	899
Durham	2,135	12%	2,934	176.97	9%		12,613	2,817
Johnston	1,241	12%	,	189.41	9%	239.06		1,716
Lee	493	12%	678	142.07	9%	179.32	3,562	639
Moore	1,091	12%	1,499	102.60	9%	129.49	11,228	1,454
Orange	822	12%	1,130	148.46	9%	187.38	5,930	1,111
Wake	7,169	12%	9,852	246.81	9%	311.51	32,645	10,169
Region J Totals	13,619	12%	18,717	187.98	9%	237.26	78,640	18,805
Franklin	673	5%	780	244.02	2%	260.24	2,943	766
Granville	434	5%	503	142.76	2%	152.25	3,160	481
Person	434	5%	503	170.40	2%	181.73	2,618	476
Vance	362	5%	419	139.50	2%	148.77	2,536	377
Warren	334	5%	387	170.67	2%	182.02	2,020	368
Region K Totals	2,237	5%	2,592	173.45	2%	184.98	13,277	2,468
Edgecombe	472	-11%	320	172.39	-11%	115.97	2,821	327
Halifax	540	-11%	366	134.23	-11%	90.30	3,947	356
Nash	880	-11%	596	157.82	-11%	106.17	5,764	612
Northampton	290	-11%	196	149.33	-11%	100.46	1,892	190
Wilson	397	-11%	269	78.75	-11%	52.98	5,260	279
Region L Totals	2,579	-11%	1,747	133.49	-11%	89.80	19,684	1,764
Cumberland	1,673	8%	2,080	136.03	3%		13,267	1,965
Harnett	1,038	8%	,	198.43	3%		5,536	1,196
Sampson	686	8%	853	171.24	3%		4,133	771
Region M Totals	3,397	8%	,	157.74	3%		22,936	3,931
Bladen	391	0%		178.78	-1%		2,171	378
Hoke	338	0%	343	234.56	-1%		1,579	361
Richmond	455	0%		154.81	-1%		2,872	433
Robeson	1,149	0%	,	197.52	-1%		5,935	1,142
Scotland	408	0%		218.65	-1%		1,920	409
Region N Totals	2,741	0%	2,782	192.35	-1%	187.46	14,477	2,724

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 75 and Over							
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Brunswick	1,351	6%	1,608	159.65	-1%	154.18	10,547	1,626
Columbus	1,085	6%	1,291	306.32	-1%	295.81	3,591	1,062
New Hanover	2,121	6%	2,524	168.79	-1%	163.00	13,589	2,215
Pender	563	6%	670	153.11	-1%	147.86	4,125	610
Region O Totals	5,120	6%	6,092	181.26	-1%	175.04	31,852	5,513
Carteret	782	1%	808	128.39	-2%	120.32	6,726	809
Craven	806	1%	833	120.89	-2%	113.30	6,968	789
Duplin	465	1%	481	145.40	-2%	136.27	3,291	448
Greene	178	1%	184	144.36	-2%	135.30	1,303	176
Jones	112	1%	116	130.84	-2%	122.62	893	110
Lenoir	870	1%	899	228.17	-2%	213.84	3,764	805
Onslow	878	1%	907	165.60	-2%	155.20	6,038	937
Pamlico	109	1%	113	76.65	-2%	71.84	1,512	109
Wayne	1,027	1%	1,061	159.00	-2%	149.02	6,803	1,014
Region P Totals	5,227	1%	5,402	149.17	-2%	139.80	37,298	5,197
Beaufort	511	1%	519	137.62	-2%	128.03	3,897	499
Bertie	316	1%	321	200.89	-2%	186.88	1,570	293
Hertford	43	1%	44	25.07	-2%	23.32	1,746	41
Martin	687	1%	698	436.75	-2%	406.28	1,619	658
Pitt	1,106	1%	1,124	154.25	-2%	143.49	7,574	1,087
Region Q Totals	2,663	1%	2,706	169.14	-2%	157.35	16,406	2,578

AMENDED Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or Offices 2011 SMFP

	Ages 75 and Over							
County	Home Health Patients in 2009	COG's Average Annual Change in #	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Camden	51	-3%	46	81.08	-9%	58.34	686	40
Chowan	167	-3%	152	123.70	-9%	89.01	1,354	121
Currituck	141	-3%	128	100.21	-9%	72.11	1,503	108
Dare	230	-3%	209	83.85	-9%	60.34	3,119	188
Gates	97	-3%	88	117.72	-9%	84.71	853	72
Hyde	39	-3%	35	82.80	-9%	59.58	481	29
Pasquotank	334	-3%	304	98.15	-9%	70.63	3,381	239
Perquimans	4	-3%	4	3.13	-9%	2.26	1,381	3
Tyrrell	39	-3%	35	104.84	-9%	75.44	391	29
Washington	107	-3%	97	107.11	-9%	77.07	1,047	81
Region R Totals	1,209	-3%	1,100	89.73	-9%	64.57	14,196	910
State Totals	85,363	3%	94,259	159.55	0%	157.23	564,688	90,573

Need Projections

	Placeholder Adjustments for Agencies Under	Adjusted Potential Total	Projected Utilization in	Surplus or Deficit ("-" =	Need for New Agencies or
County	Development	People Served	2012	Deficit)	Offices
Cherokee	0	924	882	42	0
Clay	0	306	292	14	0
Graham	0	134	122	13	0
Haywood	0	1,441	1,311	130	0
Jackson	0	398	373	25	0
Macon	0	707	654	53	0
Swain	0	172	165	7	0
Region A Totals	0	4,082	3,798	283	0
Buncombe	0	5,427	5,041	386	0
Henderson	0	2,683	2,498	185	0
Madison	0	630	579	50	0
Transylvania	0	793	732	61	0
Region B Totals	0	9,533	8,850	682	0
Cleveland	0	1,858	1,796	62	0
McDowell	0	978	952	27	0
Polk	0	435	415	20	0
Rutherford	0	1,750	1,673	78	0
Region C Totals	0	5,021	4,835	186	0
Alleghany	0	290	278	12	0
Ashe	0	592	563	28	0
Avery	0	643	599	44	0
Mitchell	0	640	603	37	0
Watauga	0	659	642	17	0
Wilkes	0	2,185	2,076	108	0
Yancey	0	703	668	36	0
Region D Totals	0	5,711	5,429	282	0
Alexander	0	958	945	13	0
Burke	0	2,389	2,307	83	0
Caldwell	0	2,285	2,214	71	0
Catawba	0	4,419	4,359	59	0
Region E Totals	0	10,051	9,825	226	0
Anson	0	806	757	49	0
Cabarrus	0	4,110	4,195	-85	0
Gaston	0	6,800	6,693	107	0
Iredell	0	4,313	4,324	-11	0
Lincoln	0	1,976	1,997	-21	0
Mecklenburg	0	12,822	13,026	-204	0
Rowan	0	4,122	4,004	118	0
Stanly	0	1,756	1,710	46	0
Union	0	3,106	3,260	-154	0
Region F Totals		39,810	39,966	-155	0

A projected deficit of 275 patients is the threshold for a new home health agency.

Need Projections

	Neced Frojections								
County	Placeholder Adjustments for Agencies Under Development	Adjusted Potential Total People Served	Projected Utilization in 2012	Surplus or Deficit ("-" = Deficit)	Need for New Agencies or Offices				
Alamance	0	3,648	3,584	64	0				
Caswell	0	778	762	15	0				
Davidson	0	4,148	4,122	25	0				
Guilford	0	11,667	11,738	-71	0				
Montgomery	0	1,104	1,074	30	0				
Randolph	0	3,644	3,631	12	0				
Rockingham	0	2,359	2,281	79	0				
Region G Totals	0	27,348	27,193	155	0				
Davie	0	1,201	1,190	11	0				
Forsyth	0	9,739	9,501	238	0				
Stokes	0	1,255	1,222	33	0				
Surry	0	2,048	1,928	120	0				
Yadkin	0	1,197	1,136	61	0				
Region I Totals	0	15,439	14,977	463	0				
Chatham	0	1,680	1,668	12	0				
Durham	0	6,441	6,363	77	0				
Johnston	0	4,030	4,134	-104	0				
Lee	0	1,454	1,399	56	0				
Moore	0	2,985	2,910	75	0				
Orange	0	2,303	2,298	5	0				
Wake	538	18,687	18,937	-250	0				
Region J Totals	538	37,579	37,709	-129	0				
Franklin	0	1,688	1,711	-23	0				
Granville	0	1,114	1,102	11	0				
Person	0	1,123	1,097	26	0				
Vance	0	1,011	955	56	0				
Warren	0	701	666	36	0				
Region K Totals	0	5,636	5,531	105	0				
Edgecombe	0	769	749	20	0				
Halifax	0	740	706	34	0				
Nash	0	1,184	1,196	-12	0				
Northampton	0	361	342	19	0				
Wilson	0	531	529	2	0				
Region L Totals	0	3,584	3,521	63	0				
Cumberland	0	5,639	5,468	171	0				
Harnett	0	2,997	2,958	39	0				
Sampson	0	2,013	1,884	128	0				
Region M Totals	0	10,648	10,310	339	0				

Need Projections

County	Placeholder Adjustments for Agencies Under Development	Adjusted Potential Total People Served	Projected Utilization in 2012	Surplus or Deficit ("-" = Deficit)	Need for New Agencies or Offices
Bladen	0	1,134	1,092	42	0
Hoke	0	842	886	-45	0
Richmond	0	1,253	1,218	34	0
Robeson	0	4,177	4,174	3	0
Scotland	0	1,238	1,229	9	0
Region N Totals	0	8,643	8,599	44	0
Brunswick	0	4,060	3,922	139	0
Columbus	0	3,762	3,295	466	0
New Hanover	0	5,762	5,188	575	0
Pender	0	1,776	1,680	96	0
Region O Totals	0	15,360	14,084	1,276	0
Carteret	0	1,726	1,697	29	0
Craven	0	2,006	1,899	107	0
Duplin	0	1,184	1,113	71	0
Greene	0	434	418	16	0
Jones	0	239	224	15	0
Lenoir	0	1,898	1,735	163	0
Onslow	0	2,396	2,366	30	0
Pamlico	0	234	220	14	0
Wayne	0	2,448	2,318	131	0
Region P Totals		12,565	11,990	575	0
Beaufort	0	1,128	1,082	46	0
Bertie	0	642	592	50	0
Hertford	0	95	89	6	0
Martin	0	1,098	1,029	69	0
Pitt	0	2,561	2,530	31	0
Region Q Totals		5,523	5,321	202	0
Camden	0	156	145	11	0
Chowan	0	332	293	39	0
Currituck	0	429	393	37	0
Dare	0	563	515	48	0
Gates	0	240	224	16	0
Hyde	0	69	59	10	0
Pasquotank	0	786	708	78	0
Perquimans	0	35	33	2	0
Tyrrell	0	76	65	10	0
Washington	0	280	254	26	0
Region R Totals		2,966	2,690	276	0
State Totals		219,501	214,630	4,871	0

Amended Table 12D: Medicare-certified Home Health Agency or Office Need Determinations

(Amendment Effective March 8, 2011)

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the counties listed in the table below need additional Medicare-certified home health agency or office as specified.

County	HSA	Home Health Agencies/Office Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Guilford	II	<u> 1 0</u>	July 15, 2011	August 1, 2011
Mecklenburg	III	<u>2</u> <u>0</u>	March 15, 2011	April 1, 2011
Cabarrus	III	<u> 1 0</u>	September 15, 2011	October 1, 2011

It is determined that there is no need for additional Medicare-certified home health agencies or offices anywhere else in the state and no other reviews are scheduled.

- * Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).
- ** Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).

Chapter 13: Hospice Services

CHAPTER 13 HOSPICE SERVICES

Summary of Hospice Services and Supply

In the fall of 2010, there were 259 hospice facilities (including hospice home care facilities, hospice inpatient, and residential facilities) listed as being separately licensed in North Carolina according to the North Carolina Division of Health Service Regulation.

According to the hospice licensure law, as passed by the N.C. General Assembly in 1984, a hospice must provide home care services to terminally ill patients with a life expectancy generally not to exceed six months and their families, with provision for inpatient care or hospice residential care, as long as hospice inpatient is provided directly or through a contractual agreement. Data reported on the 2010 Licensure Renewal Applications indicate that 33,400 hospice patients were served in 2008-2009.

There are 35 hospice inpatient facilities (comprising 306 licensed beds) located in North Carolina, providing acute symptom control and pain management for hospice patients. Of the 35 facilities, 34 are free-standing hospice inpatient units located in Alamance, Buncombe, Burke, Cabarrus, Caldwell, Catawba, Cleveland, Columbus, Cumberland, Davidson, Duplin, Durham, Forsyth, Gaston, Guilford, Harnett, Henderson, Iredell, Johnston, Mecklenburg, New Hanover, Orange, Pitt, Robeson, Rockingham, Rutherford, Scotland, Surry, Union, Wake and Wayne counties. One hospital has a hospice inpatient unit as a part of the hospital, located in Mecklenburg County. Hospice inpatient facilities located in Alamance, Brunswick, Buncombe, Cabarrus, Catawba, Forsyth, Gaston, Moore, Nash, Randolph, Richmond, Robeson, Rowan, Stokes, Wake and Wayne counties will add a total of 113 beds.

There are 26 hospice residential facilities (comprising 182 licensed beds) currently providing residential hospice care for patients who have frail and elderly caregivers or who live alone. These facilities are located in Alamance, Buncombe, Burke, Cabarrus, Caldwell, Catawba, Cleveland, Davidson, Duplin, Forsyth, Gaston, Guilford, Iredell, Johnston, Mecklenburg, Richmond, Rockingham, Rutherford, Scotland, Surry, Union, Wake and Wayne counties. Hospice residential facilities being developed in Cabarrus, Gaston, Nash, Randolph, Rowan, Stokes and Wayne counties will add a total of 31 beds.

Changes from the Previous Plan

No substantive changes have been made in the assumptions and methodology. For the North Carolina <u>2011 State Medical Facilities Plan</u> references to dates have been advanced one year.

Changes from the 2009 Plan in the 2010 Plan

In 2008, based on the recommendation of its Long-Term and Behavioral Health Committee, the State Health Coordinating Council authorized the formation of a Hospice Methodologies Task Force to make recommendations for the North Carolina 2010 State Medical Facilities Plan.

An 11-member Task Force was formed and met four times. Represented on the group were members of the Council as well as hospice entities and a member of the general public. Serving as resource people were the president and chief executive officer of the Carolinas Center for Hospice and End of Life Care, the president of Health Planning Source and representatives of the Division of Medical Assistance, and the Division of Health Service Regulation's Certificate of Need, and Acute and Home Care Licensure and Certification sections. The meetings were open to and attended by members of the public.

The Task Force presented its recommendations to the Long-Term and Behavioral Health Committee. The Committee accepted the recommendations which were subsequently approved by the Council for inclusion in the North Carolina <u>2010 State Medical Facilities Plan</u>.

Hospice Home Care Offices:

The hospice home care methodology was modified in the North Carolina $\underline{2010~\text{State}}$ $\underline{\text{Medical Facilities Plan}}$ to utilize a two-year trailing average growth rate in the number of deaths served and in the percent of deaths served. No need determinations are considered for counties with three or more hospice home care offices (excludes hospice inpatient and residential only facilities) per 100,000 population, as the data showed that counties in the state with a penetration rate of 40 percent or higher had three or fewer hospice home care offices located in the county and reporting service provision. The threshold for a need determination was changed in the 2010 Plan to a deficit of 90 or greater deaths, which represented the approximate number of deaths served at three hospice offices per 100,000 and a statewide median penetration rate (8.5 deaths per 1,000 [statewide death rate in 2008] x 100 = 850 deaths per 100,000 x 29.5 percent of deaths served = 251 deaths served by hospice/3 hospice agencies = approximately 90). The placeholder for new hospice offices was changed to the new threshold of 90 in order to maintain consistency.

Hospice Inpatient Beds:

The hospice inpatient bed methodology was modified in the North Carolina <u>2010 State Medical Facilities Plan</u> to utilize projected hospice days of care calculated by multiplying projected hospice admissions by the lower of the statewide median average length of stay or the actual average length of stay for each county. This selection reduces the inclusion of days of care that may not be appropriate for an inpatient facility. Projected hospice admissions are determined by the application of the two-year trailing average growth rate in the number of admissions served to current admissions. Inpatient days as a percent of total days of care are determined to be approximately six percent based on statewide inpatient days as a percent of total days of care.

The Task Force also recommended reviewing the hospice methodologies for the North Carolina <u>2012 State Medical Facilities Plan</u> in order to determine the effect of all of these changes. Further, with regard to data reporting, The Carolinas Center for Hospice and End of Life Care and the Association for Home & Hospice Care of North Carolina are working with the Division of Health Service Regulation's Acute and Home Care Licensure Section.

Basic Assumptions of the Method

Hospice Home Care Offices:

- 1. County mortality (death) rates for the most recent years (2004-2008) are used as the basis for hospice patient need projection. The five-year death rate for 2004-2008 is used as an indicator of deaths from all sites in each county and is not affected by changes in actual deaths from year to year.
- 2. Because previous years' data are used as the basis for projections, the twoyear trailing average growth rate in statewide number of deaths served should be calculated over the previous three years and applied to the current reported number of deaths served to project changes in the capacity of existing agencies to serve deaths from each county by the target year. Hospice deaths served will not be projected to exceed 60 percent of total deaths.
- 3. Median projected hospice deaths is projected by applying a projected statewide median percent of deaths served by hospice to projected deaths in each county. Projected statewide median percent of deaths served should be calculated by applying the two-year trailing average growth rate in the statewide median percent of deaths served over the previous three years to the current statewide median percent of deaths served.
- 4. An additional hospice is indicated if: 1) the county's deficit is 90 or more, and 2) the number of licensed hospice home care offices located in the county per 100,000 population is three or less.

Hospice Inpatient Beds:

- 1. Because previous years' data are used as the basis for projections, the twoyear trailing average growth rate in statewide hospice admissions should be calculated over the previous three years and applied to the current reported number of hospice admissions to project total hospice admissions.
- 2. Total projected admissions and the lower of the statewide median average length of stay per admission and each county's average length of stay per admission are used as the basis for projecting estimated inpatient days for each county.
- 3. Six percent of total estimated days of care in each county is used as a basis for estimating days of care in licensed inpatient hospice facility beds.

Hospice Residential Beds:

Rules for hospice residential beds were adopted by the Medical Care Commission in 1991. This category of beds does not have a methodology to project need and no need methodology was recommended for the North Carolina 2011 State Medical Facilities Plan.

Sources of Data

Population:

Estimates and projections of population were obtained from the North Carolina Office of State Budget and Management.

Estimated active duty military population numbers were excluded for any county with more than 500 active duty military personnel. These estimates were obtained from the "Selected Economic Characteristics" portion of the 2000 Census, under the category of "Employment Status – Armed Forces."

Number of Deaths and Death Rates:

Deaths and death rates are from "Selected Vital Statistics for 2008 and 2004-2008, Vol. 1" published by the North Carolina Department of Health and Human Services, State Center for Health Statistics.

Utilization and Licensed Offices:

Total reported hospice patient deaths, admissions, days of care and licensed offices by county were compiled from the "2010 Annual Data Supplement to Licensure Application" as submitted to the North Carolina Department of Health and Human Services, Division of Health Service Regulation by existing licensed hospices and by home care agencies and health departments who meet the requirements of the rules for hospice licensure.

Application of the Standard Methodology

The steps in applying the projection methods are as follows:

Hospice Home Care Offices:

- Step 1: The 2004-2008 death rate/1000 population is entered.
- Step 2: The estimated 2012 population of each county is entered with adjustments for the counties with more than 500 active duty military personnel.
- Step 3: Projected 2012 deaths for each county is calculated by multiplying the county death rate (Step 1) by the 2012 estimated population (Step 2) divided by 1000.
- Step 4: The total number of reported hospice patient deaths, by county of patient residence, from annual data supplements to licensure applications is entered.

Step 5: The "Two-Year Trailing Average Growth Rate in Statewide Number of Deaths Served" over the previous three years is calculated.

Year	Statewide # Deaths Served	Growth
2007	24,897	
2008	26,353	5.8%
2009	27,533	4.5%
Two-Year Trailing A	Verage Growth Rate	5.2%

Step 6a: 2012 number of hospice deaths served at two-year trailing average growth rate is calculated by multiplying the number of reported hospice deaths (Step 4) by the statewide two-year trailing average growth rate for deaths served for three years (Step 5) (# of reported deaths x 105.2% x 105.2% x

105.2%).

Step 6b: 2012 number of hospice deaths served limited to 60 percent is calculated by multiplying the projected 2012 deaths for each county (Step 2) by 60 percent.

Step 6c: Projected 2012 number of hospice deaths served is determined to be the lower of:

- a. Projected 2012 number of hospice deaths served at two-year trailing average growth rate (Step 6a), or;
- b. Projected 2012 number of hospice deaths served limited to 60 percent (Step 6b).

Step 7: The "Two-Year Trailing Average Growth Rate in Statewide Median Percent of Deaths Served" over the previous three years is calculated.

Year	Median Percent of Deaths Served	Growth
2007	29.50%	
2008	29.70%	0.7%
2009	31.12%	4.8%
Two Year Trai	ling Average Growth Rate	2.7%

Step 8: The projected median statewide percent of deaths served is calculated by multiplying the current statewide median percent of deaths served by the statewide two-year trailing average growth rate for median percent of deaths served (Step 7) for three years (statewide median percent of deaths served x 102.7% x 102.7% x 102.7%).

Step 9: Median projected 2012 hospice deaths is calculated by multiplying projected 2012 deaths (Step 3) by the projected statewide median percent of deaths served (Step 8).

- Step 10: In counties for which additional hospice home care office need determinations were made, determine the difference between 90 and the number of hospice patient deaths reported by each new office in the county for which a need determination was made. If a new office reports more than 90 hospice patient deaths in the county for which a need determination was made, the office's reported number of hospice patient deaths is not adjusted for that county. If a new office reported fewer than 90 hospice patient deaths in the county for which a need determination was made, an adjustment "placeholder" equal to the difference between the reported number of hospice patient deaths and 90 is used. adjustment "placeholder" is made through the third annual Plan following either: a) issuance of the certificate of need if the approved applicant had a hospice home care office in the county prior to the issuance of the certificate; or, b) certification of the new office that received the certificate of need in the county for which a need determination was made if the approved applicant did not have an existing hospice home care office in the county prior to the issuance of the certificate.
- Step 11: Project the number of patients in need (deficit or surplus) by subtracting the median projected 2012 hospice deaths (Step 9) for each county from the projected 2012 number of hospice deaths served (Step 6c) plus any adjustment (Step 10).
- Step 12: The number of licensed hospice home care offices located in each county from annual data supplements to licensure applications is entered.
- Step 13: The number of licensed hospice home care offices per 100,000 population for each county is calculated by dividing the number of licensed hospice offices (Step 12) by the 2012 estimated population (Step 2) divided by 100,000.
- Step 14: A need determination would be made for a county if both of the following are true:
 - a. The county's deficit (Step 11) is 90 or more, and;
 - b. The county's number of licensed hospice home care offices per 100,000 population (Step 13) is three or less.

A hospice office's service area is the hospice planning area in which the hospice office is located. Each of the 100 counties in the state is a separate hospice planning area.

Hospice Inpatient Beds:

Step 1: The total number of reported hospice admissions, by county of patient residence, from annual data supplements to licensure applications is entered.

- Step 2: The total number of days of care, by county of patient residence, from annual data supplements to licensure applications is entered.
- Step 3: The average length of stay per admission (ALOS) is calculated by dividing total days of care (Step 2) by total admissions (Step 1).
- Step 4: The "Two-Year Trailing Average Growth Rate in Statewide Number of Admissions" over the previous three years is calculated.

Year	Statewide Hospice Admissions	Growth
2007	30,907	
2008	32,509	5.2%
2009	33,401	2.7%
Two-Year Trai	ling Average Growth Rate	4.0%

- Step 5: Total 2014 admissions is calculated for each county by multiplying the total admissions (Step 1) by the statewide two-year trailing average growth rate for hospice admissions (Step 4) for five years (total admissions x 104.0% x 104.0% x 104.0% x 104.0% x 104.0%).
- Step 6a: 2014 days of care at the county ALOS is calculated by multiplying the total 2014 admissions (Step 5) by the ALOS per admission for each county (Step 3).
- Step 6b: 2014 days of care at the statewide ALOS is calculated by multiplying the total 2014 admissions (Step 5) by the statewide median ALOS per admission.
- Step 6c: Projected 2014 days of care for inpatient estimates is determined to be the lower of:
 - a. 2014 days of care at the county ALOS (Step 6a), or;
 - b. 2014 days of care at the statewide ALOS (Step 6b).
- Step 7: Projected 2014 inpatient days is calculated for each county by multiplying the projected 2014 days of care for inpatient estimates (Step 6c) by 6 percent.
- Step 8: Projected inpatient hospice beds is calculated by dividing 2014 projected inpatient days (Step 7) by 365 days and then dividing by 0.85 to adjust for a targeted 85 percent occupancy.
- Step 9: Adjust the projected inpatient hospice beds (Step 8) by the number of licensed hospice beds in each county, certificate of need approved/licensure pending beds, and beds available in previous Plans.

- Step 10: Calculate occupancy rates of existing hospice inpatient facilities based on 2010 annual data supplements to licensure application.
- Step 11: Adjust projected beds in Step 9 for occupancy rates of existing facilities in counties (Step 10) that are not at 85 percent occupancy. Indicate for such counties either zero or the deficit indicated in Step 9, whichever is greater. Further adjustments are made for certificate of need-approved closures.
- Step 12: For single counties with a projected deficit of six or more hospice inpatient beds, applications for single county Hospice Inpatient Units will be considered. The single county need equals the projected deficit. (A hospice inpatient facility bed's service area is the hospice inpatient facility bed planning area in which the bed is located. Each of the 100 counties in the state is a separate hospice inpatient facility bed planning area.)

The Long-Term and Behavioral Health Committee and the State Health Coordinating Council will consider petitions for adjusted need determinations that are filed in accordance with provisions outlined in Chapter 2 of the State Medical Facilities Plan. Applicants for certificates of need are encouraged to contact the Certificate of Need Section to arrange pre-application conferences prior to submission of applications.

Need Determinations

For the North Carolina <u>2011 State Medical Facilities Plan</u>, there is no need for additional hospice home care offices anywhere in the state. The standard methodology resulted in need determinations for 21 additional hospice inpatient beds in Mecklenburg County and six beds in Craven County. The North Carolina State Health Coordinating Council approved adjusted single county need determinations for six hospice inpatient beds in Carteret County, four beds in Guilford County, three beds in Iredell County, six beds in New Hanover County and one bed in Cleveland County.

Table 13A: Hospice Data by County of Patient Origin - 2009 Data

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
Agencies	or Offices servi	ng residents of Alamance			
HOS3823	Alamance	Amedisys Hospice	25	1,612	9
HOS2958	Durham	Community Home Care and Hospice	2	22	0
HOS0021	Durham	Duke Hospice	9	436	10
HOS2281	Wake	Heartland Home Health Care and Hospice	4	818	1
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	698	55,003	586
HOS3049	Alamance	Liberty Home Care and Hospice	21	2,551	11
HOS0370	Chatham	UNC Hospice	5	284	4
HOS3269	Nash	United Hospice of Eastern Carolina	1	23	1
		Totals for Alamance	765	60,749	622
Agencies	or Offices servi	ng residents of Alexander			
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc	0	91	0
HC0362	Alexander	Hospice and Home Care of Alexander County, Inc	47	3,535	33
HOS0387	Iredell	Hospice of Iredell County, Inc	54	2,203	48
HOS0407	Wilkes	Hospice of Wilkes Regional Medical Center	1	31	1
HOS0367	Catawba	Palliative Care Center & Hospice of Catawba Valley,	67	4,420	51
		Totals for Alexander	169	10,280	133
Agencies	or Offices servi	ng residents of Alleghany			
HOS1123	Alleghany	High Country Health Care System	41	3,581	31
HC0409	Forsyth	Hospice & Palliative Care Center	2	18	2
HOS0404	Surry	Mountain Valley Hospice and Palliative Care	1	78	1
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	6	92	5
		Totals for Alleghany	50	3,769	39
Agencies	or Offices servi	ng residents of Anson			
HC1869	Anson	Anson Community Hospice, Inc	20	1,292	17
HOS3116	Union	Community Home Care and Hospice	3	280	2
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	2	10	2
HOS0402	Stanly	Hospice of Stanly County, Inc	1	40	2
HOS1898	Anson	Hospice Services of Anson County	10	1,031	11
HOS3064	Anson	Liberty Home Care and Hospice	9	880	4
		Totals for Anson	45	3,533	38
Agencies	or Offices servi	ng residents of Ashe			
HOS1124	Ashe	High Country Health Care System	80	8,346	61
		Totals for Ashe	80	8,346	61
Agencies	or Offices servi	ng residents of Avery			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	1	23	1

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS0363	Avery	Medi Home Hospice	51	4,969	34
HOS0832	Mitchell	The Hospice & Palliative Care Center of Mitchell Co	1	1	1
		Totals for Avery	53	4,993	36
Agencies	or Offices servi	ng residents of Beaufort			
HOS0331	Pitt	AseraCare Hospice	64	7,898	41
HOS2516	Beaufort	Community Home Care and Hospice	141	17,168	101
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	1	71	1
HOS3347	Craven	United Hospice of Coastal Carolina	7	226	5
HOS1711	Pitt	University Health Systems Home Health and Hospic	23	763	21
		Totals for Beaufort	236	26,126	169
Agencies	or Offices servi	ng residents of Bertie			
HOS3008	Martin	Community Home Care and Hospice	8	391	7
HOS3269	Nash	United Hospice of Eastern Carolina	1	52	0
HOS0425	Hertford	University Health Systems Home Health and Hospic	52	2,461	45
		Totals for Bertie	61	2,904	52
Agencies	or Offices servi	ng residents of Bladen			
HC0283	Cumberland	Cape Fear Valley Home Care and Hospice	3	54	1
HC1844	Sampson	Community Home Care and Hospice	1	4	0
HOS3011	Columbus	Community Home Care and Hospice	3	64	1
HOS1945	Bladen	Community Home Care and Hospice	39	6,008	15
HC0359	Cumberland	HealthKeeperz	3	19	3
HOS2007	Columbus	Liberty Home Care and Hospice	7	388	4
HOS3054	Sampson	Liberty Home Care and Hospice	1	41	0
HOS2003	Bladen	Liberty Home Care and Hospice	1	12	1
HOS0415	Bladen	Lower Cape Fear Hospice, Inc	67	6,377	62
HOS2861	Robeson	Native Angels Hospice	10	1,565	2
	Robeson	Southeastern Hospice	19	443	18
		Totals for Bladen	154	14,975	107
Agencies	or Offices servi	ng residents of Brunswick			
HOS3010	Brunswick	Community Home Care and Hospice	24	1,045	15
HOS3011	Columbus	Community Home Care and Hospice	1	45	0
HOS2007	Columbus	Liberty Home Care and Hospice	2	170	1
HOS2008	New Hanover	Liberty Home Care and Hospice	0	55	0
HOS2006	Brunswick	Liberty Home Care and Hospice	73	8,153	52
HOS0414	Brunswick	Lower Cape Fear Hospice, Inc	375	28,814	324
		Totals for Brunswick	475	38,282	392
Agencies	or Offices servi	ng residents of Buncombe		•	
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	1,014	67,595	915

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS0386	Henderson	Four Seasons Compassion for Life	67	5,080	44
HC0419	Madison	Madison Home Care and Hospice	4	696	5
		Totals for Buncombe	1,085	73,371	964
Agencies	or Offices servi	ng residents of Burke			
HOS0364	Burke	Burke Hospice and Palliative Care, Inc	380	26,596	313
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc	3	422	5
HOS0363	Avery	Medi Home Hospice	5	102	5
HOS0367	Catawba	Palliative Care Center & Hospice of Catawba Valley,	43	3,216	27
		Totals for Burke	431	30,336	350
Agencies	or Offices servi	ng residents of Cabarrus			
HOS2048	Harnett	Community Home Care and Hospice	1	62	0
HOS3116	Union	Community Home Care and Hospice	5	46	3
HC0409	Forsyth	Hospice & Palliative Care Center	1	15	1
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	10	1,516	10
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	25	1,619	21
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	13	664	8
HOS0365	Cabarrus	Hospice of Carbarrus County, Inc	556	38,767	475
HOS0402	Stanly	Hospice of Stanly County, Inc	4	129	4
HOS1445	Mecklenburg	Prebyterian Hospice	2	43	1
HOS3918	Rowan	Rowan Regional Hospice	7	660	6
		Totals for Cabarrus	624	43,521	529
Agencies	or Offices servi	ng residents of Caldwell			
HOS0364	Burke	Burke Hospice and Palliative Care, Inc	11	1,232	7
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc	439	41,184	392
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	1	9	1
HOS0367	Catawba	Palliative Care Center & Hospice of Catawba Valley,	13	1,733	7
		Totals for Caldwell	464	44,158	407
Agencies	or Offices servi	ng residents of Camden			
HOS1677	Pasquotank	Albermarle Hospice	12	513	11
HOS3301	Pasquotank	Community Home Care and Hospice	1	120	1
		Totals for Camden	13	633	12
Agencies	or Offices servi	ng residents of Carteret			
HC0228	Wayne	3НС	1	30	1
HOS2998	Carteret	Community Home Care and Hospice	38	5,643	34
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	19	3,674	12
HC1209	Onslow	Continuum II Home Care and Hospice	1	8	0
HOS0613	Carteret	Hospice of Carteret County	177	10,895	151
HOS3048	Carteret	Liberty Home Care and Hospice	19	1,052	12

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS3347	Craven	United Hospice of Coastal Carolina	6	280	4
		Totals for Carteret	261	21,582	214
Agencies	or Offices servi	ng residents of Caswell			
HOS3823	Alamance	Amedisys Hospice	1	155	0
HOS2958	Durham	Community Home Care and Hospice	5	340	2
HC0533	Person	Home Health and Hospice of Person County	0	12	1
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	60	7,146	50
HOS3269	Nash	United Hospice of Eastern Carolina	1	31	1
		Totals for Caswell	67	7,684	54
Agencies	or Offices servi	ng residents of Catawba			
HOS0364	Burke	Burke Hospice and Palliative Care, Inc	8	751	8
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc	14	496	8
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	9	1,053	7
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	2	120	1
HOS0387	Iredell	Hospice of Iredell County, Inc	2	183	2
HOS1338	Iredell	Hospice of Iredell County, Inc	9	435	6
HOS0367	Catawba	Palliative Care Center & Hospice of Catawba Valley,	812	63,011	715
		Totals for Catawba	856	66,049	747
Agencies	or Offices servi	ng residents of Chatham			
HOS3147	Wake	Amedisys Hospice	2	188	0
HOS2034	Lee	Community Home Care and Hospice	1	180	0
HOS2983	Chatham	Community Home Care and Hospice	59	11,641	43
HOS2223	Wake	Community Home Care and Hospice	1	60	1
HOS0021	Durham	Duke Hospice	6	245	6
HC0427	Moore	First Health Hospice & Palliative Care	1	10	1
HOS2281	Wake	Heartland Home Health Care and Hospice	4	666	2
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	1	6	1
HOS1581	Guilford	Hospice of the Piedmont, Inc	1	18	1
HOS3135	Chatham	Hospice of Wake County, Inc	1	5	1
HOS3149	Chatham	Liberty Home Care and Hospice	28	2,112	20
HOS0370	Chatham	UNC Hospice	112	8,450	92
		Totals for Chatham	217	23,581	168
Agencies	or Offices servi	ng residents of Cherokee		,	
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	2	4	2
HC0275	Cherokee	Good Shepard Home Health and Hospice Agency	74	2,666	69
		Totals for Cherokee	76	2,670	71
Agencies	or Offices servi	ng residents of Chowan			
HOS1677	Pasquotank	Albermarle Hospice	19	722	17
	_	-			

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS3301	Pasquotank	Community Home Care and Hospice	2	73	2
HOS0425	Hertford	University Health Systems Home Health and Hospic	8	365	10
		Totals for Chowan	29	1,160	29
Agencies	or Offices servi	ng residents of Clay			
HC0318	Clay	Good Sheperd Home Health and Hospice Agency	25	1,162	23
		Totals for Clay	25	1,162	23
Agencies	or Offices servi	ng residents of Cleveland			
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	0	295	1
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	1	2	1
HOS0371	Cleveland	Hospice of Cleveland, Inc	553	45,171	498
HC0812	Gaston	Hospice of Gaston County, Inc	13	1,736	8
HOS0400	Rutherford	Hospice of Rutherford County, Inc.	4	398	2
HOS0367	Catawba	Palliative Care Center & Hospice of Catawba Valley,	1	20	1
		Totals for Cleveland	572	47,622	511
Agencies	or Offices servi	ng residents of Columbus			
HOS3011	Columbus	Community Home Care and Hospice	47	5,550	13
HC0359	Cumberland	HealthKeeperz	1	126	0
HOS2007	Columbus	Liberty Home Care and Hospice	55	7,300	43
HOS0417	Columbus	Lower Cape Fear Hospice, Inc	166	12,924	150
HOS2861	Robeson	Native Angels Hospice	4	418	4
HOS1599	Robeson	Southeastern Hospice	1	1	1
		Totals for Columbus	274	26,319	211
Agencies	or Offices servi	ng residents of Craven			
HC0195	Lenoir	3НС	1	4	0
HC0228	Wayne	3НС	2	65	2
HC0506	Jones	3НС	12	616	11
HOS0331	Pitt	AseraCare Hospice	4	445	4
HOS2302	Craven	Community Home Care and Hospice	98	17,804	65
HOS2984	Lenoir	Community Home Care and Hospice	7	790	3
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	23	3,809	19
HC0493	Craven	Craven Count Health Dept. Home Health-Hospice A	90	5,064	76
HOS2005	Onslow	Liberty Home Care and Hospice	2	32	1
HOS3048	Carteret	Liberty Home Care and Hospice	4	156	3
HOS3347	Craven	United Hospice of Coastal Carolina	72	9,665	58
HOS1711	Pitt	University Health Systems Home Health and Hospic	6	43	5
- ,		Totals for Craven	321	38,493	247
Agencies	or Offices servi	ng residents of Cumberland		,	
HC0255	Sampson	знс	21	1,771	13
	r		=-	-,	

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HC0283	Cumberland	Cape Fear Valley Home Care and Hospice	361	13,758	211
HOS3412	Cumberland	Carrol S. Roberson Center	287	2,025	125
HC1844	Sampson	Community Home Care and Hospice	1	12	0
HOS2034	Lee	Community Home Care and Hospice	1	180	0
HOS2048	Harnett	Community Home Care and Hospice	3	98	0
HC1331	Cumberland	Community Home Care and Hospice	233	29,390	132
HOS3011	Columbus	Community Home Care and Hospice	0	55	0
HOS2958	Durham	Community Home Care and Hospice	1	7	1
HC0359	Cumberland	HealthKeeperz	64	4,116	31
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	1	28	1
HOS0375	Harnett	Hospice of Harnett County, Inc	5	156	3
HOS2290	Hoke	Liberty Home Care and Hospice	1	4	1
HOS2004	Cumberland	Liberty Home Care and Hospice	80	6,610	50
HOS3054	Sampson	Liberty Home Care and Hospice	1	55	1
HOS3067	Harnett	Liberty Home Care and Hospice	1	57	0
HOS2861	Robeson	Native Angels Hospice	40	3,165	12
HOS1599	Robeson	Southeastern Hospice	1	13	1
HOS3347	Craven	United Hospice of Coastal Carolina	1	16	1
HOS3346	Johnston	United Hospice of Eastern Carolina, Smithfield	43	6,980	28
		Totals for Cumberland	1,146	68,496	611
Agencies	or Offices servi	ng residents of Currituck			
HOS1677	Pasquotank	Albermarle Hospice	51	2,273	42
HOS3301	Pasquotank	Community Home Care and Hospice	20	3,407	18
HC0494	Dare	Dare Home Health and Hospice	2	13	2
		Totals for Currituck	73	5,693	62
Agencies	or Offices servi	ng residents of Dare			
HOS1677	Pasquotank	Albermarle Hospice	0	26	2
HOS3301	Pasquotank	Community Home Care and Hospice	2	164	2
HOS3302	Hyde	Community Home Care and Hospice	13	468	8
HC0494	Dare	Dare Home Health and Hospice	82	3,154	65
		Totals for Dare	97	3,812	77
Agencies	or Offices servii	ng residents of Davidson			
HC0409	Forsyth	Hospice & Palliative Care Center	68	5,484	48
HOS2425	Rowan	Hospice & Palliative Care Center	14	1,569	11
HOS0365	Cabarrus	Hospice of Carbarrus County, Inc	1	5	1
HOS0372	Davidson	Hospice of Davidson County, Inc	346	25,634	302
HC0397	Randolph	Hospice of Randolph County, Inc	7	720	5

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS0402	Stanly	Hospice of Stanly County, Inc	1	147	0
HOS1581	Guilford	Hospice of the Piedmont, Inc	115	5,821	106
HOS3051	Davidson	LIberty Home Care and Hospice	11	2,582	5
HOS3918	Rowan	Rowan Regional Hospice	4	290	2
		Totals for Davidson	567	42,252	480
Agencies	or Offices servi	ng residents of Davie			
HOS3273	Iredell	Community Home Care and Hospice	1	12	0
HOS2425	Rowan	Hospice & Palliative Care Center	1	148	1
HC0409	Forsyth	Hospice & Palliative Care Center	18	1,280	15
HOS3084	Davie	Hospice & Palliative Care Center	117	14,221	111
HOS0387	Iredell	Hospice of Iredell County, Inc	13	554	13
HOS3051	Davidson	Liberty Home Care and Hospice	2	51	0
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	3	190	1
HOS3918	Rowan	Rowan Regional Hospice	1	1	1
		Totals for Davie	156	16,457	142
Agencies	or Offices servi	ng residents of Duplin			
HC0228	Wayne	3НС	5	31	5
HC0255	Sampson	3НС	15	1,823	9
HOS1302	Wayne	Carolina East Home Care and Hospice, Inc	5	495	3
HC0053	Duplin	Carolina East Home Care and Hospice, Inc	85	12,919	54
HOS3075	Randolph	Community Home Care and Hospice	1	39	0
HOS2984	Lenoir	Community Home Care and Hospice	8	1,230	3
HC1844	Sampson	Community Home Care and Hospice	22	2,713	4
HC1209	Onslow	Continuum II Home Care and Hospice	0	142	0
HOS3054	Sampson	Liberty Home Care and Hospice	4	939	1
HOS3052	Pender	Lower Cape Fear Hospice and Life Care Center	22	942	18
		Totals for Duplin	167	21,273	97
Agencies	or Offices servi	ng residents of Durham			
HC0507	Johnston	3НС	4	120	4
HOS3147	Wake	Amedisys Hospice	9	1,065	7
HOS2958	Durham	Community Home Care and Hospice	16	1,141	12
HOS0021	Durham	Duke Hospice	472	28,754	413
HOS2281	Wake	Heartland Home Health Care and Hospice	77	7,441	63
HC0409	Forsyth	Hospice & Palliative Care Center	1	10	1
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	6	121	5
HOS3126	Durham	Hospice of Wake County, Inc	4	66	3
HOS3304	Durham	Liberty Home Care and Hospice	12	845	6

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS0370	Chatham	UNC Hospice	28	1,651	24
HOS3269	Nash	United Hospice of Eastern Carolina	15	1,959	12
		Totals for Durham	644	43,173	550
Agencies	or Offices servi	ng residents of Edgecombe			
HC0228	Wayne	3НС	2	189	2
HC0508	Wilson	3НС	4	174	2
HOS0331	Pitt	AseraCare Hospice	26	2,617	18
HOS2985	Edgecombe	Community Home Care and Hospice	56	7,273	40
HOS2424	Nash	Community Home Care and Hospice	9	362	12
HOS2241	Wilson	Community Home Care and Hospice	1	92	1
HC0498	Edgecombe	Edgecombe HomeCare & Hospice	40	3,886	34
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	28	1,303	32
HOS3269	Nash	United Hospice of Eastern Carolina	6	725	4
HOS3292	Edgecombe	University Health Systems Home Health and Hospic	14	1,305	15
HOS0408	Wilson	WilMed Hospice	1	12	1
		Totals for Edgecombe	187	17,938	161
Agencies	or Offices servi	ng residents of Forsyth			
HOS3075	Randolph	Community Home Care and Hospice	18	1,954	12
HOS3273	Iredell	Community Home Care and Hospice	37	2,662	9
HC0409	Forsyth	Hospice & Palliative Care Center	1,066	98,420	1,035
HOS3295	Stokes	Hospice & Palliative Care Center	16	1,652	13
HOS3084	Davie	Hospice & Palliative Care Center	4	448	3
HC0374	Guilford	Hospice and Palliative Care of Greensboro	5	141	4
HOS0372	Davidson	Hospice of Davidson County, Inc	2	343	2
HOS1581	Guilford	Hospice of the Piedmont, Inc	23	1,787	17
HOS3051	Davidson	Liberty Home Care and Hospice	1	13	1
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	1	49	0
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	4	146	3
		Totals for Forsyth	1,177	107,615	1,099
Agencies	or Offices servi	ng residents of Franklin			
HOS3826	Franklin	Amedisys Hospice	53	3,319	34
HOS2424	Nash	Community Home Care and Hospice	3	155	1
HOS3005	Franklin	Community Home Care and Hospice	34	3,655	31
HOS0021	Durham	Duke Hospice	4	246	5
HOS2125	Wake	Duke Hospice	5	199	5
HOS2281	Wake	Heartland Home Health Care and Hospice	6	482	3
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	1	52	1

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS3125	Franklin	Hospice of Wake County, Inc	30	1,007	28
HOS3058	Wake	Liberty Home Care and Hospice	4	69	2
HOS3269	Nash	United Hospice of Eastern Carolina	9	866	7
		Totals for Franklin	149	10,050	117
Agencies	or Offices servi	ng residents of Gaston			
HOS3116	Union	Community Home Care and Hospice	1	5	1
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	8	566	6
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	1	32	0
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	37	2,853	31
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	7	859	5
HC0374	Guilford	Hospice and Palliative Care of Greensboro	1	8	1
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	1	4	1
HOS0371	Cleveland	Hospice of Cleveland, Inc	31	2,708	25
HC0812	Gaston	Hospice of Gaston County, Inc	910	49,806	790
HOS1581	Guilford	Hospice of the Piedmont, Inc	1	8	1
HOS1445	Mecklenburg	Prebyterian Hospice	6	259	8
		Totals for Gaston	1,004	57,108	869
Agencies	or Offices servi	ng residents of Gates			
HOS1677	Pasquotank	Albermarle Hospice	6	88	6
HOS3301	Pasquotank	Community Home Care and Hospice	8	2,580	5
HOS0425	Hertford	University Health Systems Home Health and Hospic	12	394	10
		Totals for Gates	26	3,062	21
Agencies	or Offices servi	ng residents of Graham			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	2	5	2
HC0157	Jackson	WestCare Home Health and Hospice Services	14	687	15
		Totals for Graham	16	692	17
Agencies	or Offices servi	ng residents of Granville			
HOS3826	Franklin	Amedisys Hospice	30	2,426	20
HOS2561	Vance	Community Home Care and Hospice	29	2,030	28
HOS0021	Durham	Duke Hospice	48	2,914	37
HOS2281	Wake	Heartland Home Health Care and Hospice	8	302	7
HOS3133	Granville	Hospice of Wake County, Inc	3	170	2
HOS3269	Nash	United Hospice of Eastern Carolina	2	154	2
		Totals for Granville	120	7,996	96
Agencies	or Offices servi	ng residents of Greene			
HC0195	Lenoir	3НС	5	675	3
HC0228	Wayne	3НС	8	40	8
HOS0331	Pitt	AseraCare Hospice	4	501	3

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS2241	Wilson	Community Home Care and Hospice	22	2,247	22
HOS2984	Lenoir	Community Home Care and Hospice	11	765	7
HOS2996	Pitt	Community Home Care and Hospice	4	100	1
HOS3345	Pitt	United Hospice, Inc	2	660	0
HOS1711	Pitt	University Health Systems Home Health and Hospic	14	1,181	12
HOS0408	Wilson	WilMed Hospice	1	4	1
		Totals for Greene	71	6,173	57
Agencies	or Offices servi	ng residents of Guilford			
HOS3823	Alamance	Amedisys Hospice	5	262	0
HOS3075	Randolph	Community Home Care and Hospice	36	5,701	24
HOS3273	Iredell	Community Home Care and Hospice	6	160	1
HC0409	Forsyth	Hospice & Palliative Care Center	8	712	8
HOS3295	Stokes	Hospice & Palliative Care Center	3	160	2
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	32	2,829	22
HC0374	Guilford	Hospice and Palliative Care of Greensboro	708	61,132	621
HOS3148	Guilford	Hospice and Palliative Care of Greensboro	272	40,863	217
HOS0372	Davidson	Hospice of Davidson County, Inc	2	135	2
HOS1581	Guilford	Hospice of the Piedmont, Inc	426	24,961	370
HOS3049	Alamance	Liberty Home Care and Hospice	24	5,232	15
HOS3051	Davidson	Liberty Home Care and Hospice	2	229	0
		Totals for Guilford	1,524	142,376	1,282
Agencies	or Offices servi	ng residents of Halifax			
HOS2996	Pitt	Community Home Care and Hospice	0	19	1
HOS2424	Nash	Community Home Care and Hospice	8	674	6
HOS3009	Halifax	Community Home Care and Hospice	45	3,335	37
HOS3256	Halifax	Continuum II Home Care & Hospice of Halifax Cou	6	285	1
HC0765	Halifax	Home Health and Hospice of Halifax	56	4,023	49
HC0374	Guilford	Hospice and Palliative Care of Greensboro	1	13	1
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	5	729	2
HOS3269	Nash	United Hospice of Eastern Carolina	18	1,008	14
HOS3292	Edgecombe	University Health Systems Home Health and Hospic	3	19	3
HOS0425	Hertford	University Health Systems Home Health and Hospic	3	119	2
		Totals for Halifax	145	10,224	116
Agencies	or Offices servi	ng residents of Harnett			
HC0255	Sampson	3НС	10	1,546	2
HC0507	Johnston	3НС	1	75	0
HOS3147	Wake	Amedisys Hospice	1	84	0

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HC0283	Cumberland	Cape Fear Valley Home Care and Hospice	2	180	2
HOS2223	Wake	Community Home Care and Hospice	6	25	8
HOS2048	Harnett	Community Home Care and Hospice	77	7,919	35
HOS2561	Vance	Community Home Care and Hospice	2	14	1
HOS2034	Lee	Community Home Care and Hospice	32	7,822	26
HC1844	Sampson	Community Home Care and Hospice	1	7	1
HC1331	Cumberland	Community Home Care and Hospice	3	86	1
HOS2983	Chatham	Community Home Care and Hospice	1	92	1
HOS3690	Harnett	E. Carlton Powell Hospice Center	234	1,665	134
HC0427	Moore	First Health Hospice & Palliative Care	1	8	1
HC0359	Cumberland	HealthKeeperz	1	116	0
HOS2281	Wake	Heartland Home Health Care and Hospice	3	105	3
HOS0375	Harnett	Hospice of Harnett County, Inc	107	11,547	77
HOS3134	Harnett	Hospice of Wake County, Inc	20	2,367	15
HOS2004	Cumberland	Liberty Home Care and Hospice	1	134	0
HOS3069	Johnston	Liberty Home Care and Hospice	2	362	1
HOS3067	Harnett	Liberty Home Care and Hospice	39	4,372	24
HOS2861	Robeson	Native Angels Hospice	1	31	0
HOS0370	Chatham	UNC Hospice	0	365	0
HOS3346	Johnston	United Hospice of Eastern Carolina, Smithfield	5	814	3
		Totals for Harnett	550	39,736	335
Agencies	or Offices servi	ng residents of Haywood			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	28	495	26
HOS3825	Haywood	HRMC Hospice & Palliative Care	273	18,715	237
HC0157	Jackson	WestCare Home Health and Hospice Services	4	69	4
		Totals for Haywood	305	19,279	267
Agencies	or Offices servi	ng residents of Henderson			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	30	1,086	22
HOS0386	Henderson	Four Seasons Compassion for Life	826	77,748	768
HOS0396	Polk	Hospice of the Carolina Foothills, Inc	1	8	1
HC0067	Transylvania	TRH- Home Care	1	84	0
		Totals for Henderson	858	78,926	791
Agencies	or Offices servi	ng residents of Hertford			
HOS3008	Martin	Community Home Care and Hospice	2	224	1
HOS3009	Halifax	Community Home Care and Hospice	2	38	0
HOS0425	Hertford	University Health Systems Home Health and Hospic	70	2,623	66
		Totals for Hertford	74	2,885	67

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
Agencies	or Offices servi	ng residents of Hoke			
HC0283	Cumberland	Cape Fear Valley Home Care and Hospice	6	151	ϵ
HC1331	Cumberland	Community Home Care and Hospice	9	365	Ģ
HC0359	Cumberland	HealthKeeperz	2	55	2
HOS3031	Scotland	Hospice of Scotland County	2	22	2
HOS2004	Cumberland	Liberty Home Care and Hospice	0	36	1
HOS2290	Hoke	Liberty Home Care and Hospice	56	7,249	43
HOS2861	Robeson	Native Angels Hospice	3	417	1
HOS3346	Johnston	United Hospice of Eastern Carolina, Smithfield	0	316	1
		Totals for Hoke	78	8,611	65
Agencies	or Offices servi	ng residents of Hyde			
HOS3302	Hyde	Community Home Care and Hospice	32	9,864	24
		Totals for Hyde	32	9,864	24
Agencies	or Offices servi	ng residents of Iredell			
HOS3273	Iredell	Community Home Care and Hospice	7	979	1
HOS2425	Rowan	Hospice & Palliative Care Center	0	88	1
HC0409	Forsyth	Hospice & Palliative Care Center	1	2	1
HOS3084	Davie	Hospice & Palliative Care Center	1	84	1
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	0	8	1
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	45	5,026	38
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	1	93	0
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	6	103	4
HOS0365	Cabarrus	Hospice of Carbarrus County, Inc	2	49	2
HOS1338	Iredell	Hospice of Iredell County, Inc	192	10,591	175
HOS0387	Iredell	Hospice of Iredell County, Inc	387	23,821	362
HOS0367	Catawba	Palliative Care Center & Hospice of Catawba Valley,	5	1,105	0
HOS1445	Mecklenburg	Prebyterian Hospice	1	10	1
HOS3918	Rowan	Rowan Regional Hospice	1	92	1
		Totals for Iredell	649	42,051	588
Agencies	or Offices servi	ng residents of Jackson			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	6	82	3
HOS0390	Macon	Highlands-Cashiers Hospice	2	165	3
HC0157	Jackson	WestCare Home Health and Hospice Services	102	7,440	103
		Totals for Jackson	110	7,687	109
Agencies	or Offices servi	ng residents of Johnston			
HC0228	Wayne	3НС	15	287	10
HC0255	Sampson	3НС	0	2	(
HC0507	Johnston	3НС	131	12,348	62

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HC0508	Wilson	3НС	1	6	0
HC0509	Pitt	3НС	1	38	0
HOS2135	Johnston	Community Home Care and Hospice	68	5,909	48
HOS2241	Wilson	Community Home Care and Hospice	1	42	1
HOS2281	Wake	Heartland Home Health Care and Hospice	39	2,985	28
HOS0375	Harnett	Hospice of Harnett County, Inc	4	313	3
HOS3124	Johnston	Hospice of Wake County, Inc	51	2,409	49
HC0383	Johnston	Johnston Memorial Home Care and Hospice	84	3,767	78
HOS3069	Johnston	Liberty Home Care and Hospice	35	3,597	17
HOS3058	Wake	Liberty Home Care and Hospice	6	98	4
HOS3067	Harnett	Liberty Home Care and Hospice	0	87	2
HOS3346	Johnston	United Hospice of Eastern Carolina, Smithfield	16	1,660	5
HOS1711	Pitt	University Health Systems Home Health and Hospic	1	2	1
HOS0408	Wilson	WilMed Hospice	6	1,050	11
		Totals for Johnston	459	34,600	319
Agencies	or Offices servi	ng residents of Jones			
HC0228	Wayne	3НС	1	4	1
HC0506	Jones	3НС	10	187	8
HOS0331	Pitt	AseraCare Hospice	1	48	1
HOS3006	Onslow	Community Home Care and Hospice	2	494	1
HOS2984	Lenoir	Community Home Care and Hospice	2	87	1
HOS2302	Craven	Community Home Care and Hospice	5	1,779	3
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	2	625	1
HC1209	Onslow	Continuum II Home Care and Hospice	2	698	2
HOS2005	Onslow	Liberty Home Care and Hospice	3	148	1
HOS3347	Craven	United Hospice of Coastal Carolina	0	131	3
		Totals for Jones	28	4,201	22
Agencies	or Offices servi	ng residents of Lee			
HOS3075	Randolph	Community Home Care and Hospice	1	27	0
HOS2034	Lee	Community Home Care and Hospice	134	8,059	103
HOS2048	Harnett	Community Home Care and Hospice	1	20	1
HOS2281	Wake	Heartland Home Health Care and Hospice	10	641	8
HOS0375	Harnett	Hospice of Harnett County, Inc	3	41	1
HOS3086	Lee	Liberty Home Care and Hospice	59	5,933	42
HOS2004	Cumberland	Liberty Home Care and Hospice	1	49	1
HOS0370	Chatham	UNC Hospice	9	288	10
HOS3346	Johnston	United Hospice of Eastern Carolina, Smithfield	1	367	0

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
		Totals for Lee	219	15,425	166
Agencies	or Offices servi	ng residents of Lenoir			
HC0195	Lenoir	3НС	66	7,764	40
HC0228	Wayne	3НС	35	614	34
HC0506	Jones	3НС	0	62	0
HC0508	Wilson	3НС	0	30	0
HOS0331	Pitt	AseraCare Hospice	7	264	6
HOS1302	Wayne	Carolina East Home Care and Hospice, Inc	1	12	0
HOS2984	Lenoir	Community Home Care and Hospice	85	8,439	49
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	21	3,167	9
HOS3345	Pitt	United Hospice, Inc	4	1,269	4
HOS1711	Pitt	University Health Systems Home Health and Hospic	11	280	13
		Totals for Lenoir	230	21,901	155
Agencies	or Offices servi	ng residents of Lincoln			
HOS3273	Iredell	Community Home Care and Hospice	2	130	2
HC0409	Forsyth	Hospice & Palliative Care Center	1	2	0
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	57	1
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	1	4	1
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	229	16,934	194
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	12	222	11
HOS0371	Cleveland	Hospice of Cleveland, Inc	4	703	2
HC0812	Gaston	Hospice of Gaston County, Inc	8	557	5
HOS1338	Iredell	Hospice of Iredell County, Inc	2	133	2
HOS0387	Iredell	Hospice of Iredell County, Inc	1	15	0
HOS0367	Catawba	Palliative Care Center & Hospice of Catawba Valley,	33	4,067	26
HOS1445	Mecklenburg	Prebyterian Hospice	4	395	2
		Totals for Lincoln	298	23,219	246
Agencies	or Offices servi	ng residents of Macon			
HC0324	Macon	Angel Home Health & Hospice	94	8,025	86
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	7	44	7
HOS0390	Macon	Highlands-Cashiers Hospice	19	1,118	14
HC0157	Jackson	WestCare Home Health and Hospice Services	13	311	11
		Totals for Macon	133	9,498	118
Agencies	or Offices servi	ng residents of Madison			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	46	1,623	35
HC0419	Madison	Madison Home Care and Hospice	38	2,370	33
		Totals for Madison	84	3,993	68

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
Agencies	or Offices servi	ng residents of Martin			
HOS0331	Pitt	AseraCare Hospice	9	423	8
HOS3008	Martin	Community Home Care and Hospice	41	3,690	36
HC0525	Martin	Roanoke Home Care and Hospice	22	1,293	23
HOS1711	Pitt	University Health Systems Home Health and Hospic	11	769	11
		Totals for Martin	83	6,175	78
Agencies	or Offices servi	ng residents of McDowell			
HOS0364	Burke	Burke Hospice and Palliative Care, Inc	3	372	3
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	17	204	15
HOS1153	McDowell	Hospice of McDowell County, Inc	134	9,312	99
HOS0400	Rutherford	Hospice of Rutherford County, Inc.	31	3,917	25
		Totals for McDowell	185	13,805	142
Agencies	or Offices servi	ng residents of Mecklenburg			
HC0255	Sampson	3НС	0	23	0
HOS3116	Union	Community Home Care and Hospice	37	5,395	27
HC0409	Forsyth	Hospice & Palliative Care Center	1	15	1
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	1,212	110,975	1,056
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	246	19,357	208
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	4	38	3
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	221	8,585	198
HOS0365	Cabarrus	Hospice of Carbarrus County, Inc	12	439	12
HC0812	Gaston	Hospice of Gaston County, Inc	8	691	5
HOS1338	Iredell	Hospice of Iredell County, Inc	12	763	11
HOS0387	Iredell	Hospice of Iredell County, Inc	1	25	1
HOS0405	Union	Hospice of Union County, Inc	10	838	9
HOS1445	Mecklenburg	Prebyterian Hospice	714	23,888	597
		Totals for Mecklenburg	2,478	171,032	2,128
Agencies	or Offices servi	ng residents of Mitchell			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	4	14	4
HOS0363	Avery	Medi Home Hospice	0	150	0
HOS0832	Mitchell	The Hospice & Palliative Care Center of Mitchell Co	105	11,701	95
		Totals for Mitchell	109	11,865	99
Agencies	or Offices servi	ng residents of Montgomery			
HOS3199	Montgomery	Community Home Care and Hospice	26	3,913	14
HOS3075	Randolph	Community Home Care and Hospice	0	75	0
HC0427	Moore	First Health Hospice & Palliative Care	40	4,726	33
HC0397	Randolph	Hospice of Randolph County, Inc	5	61	4
HOS0402	Stanly	Hospice of Stanly County, Inc	22	2,338	17

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
		Totals for Montgomery	93	11,113	68
Agencies	or Offices servi	ng residents of Moore			
HOS2034	Lee	Community Home Care and Hospice	2	1,805	0
HOS3075	Randolph	Community Home Care and Hospice	1	13	0
HC2351	Moore	Community Home Care and Hospice	83	6,665	57
HC0427	Moore	First Health Hospice & Palliative Care	315	33,547	276
HC0359	Cumberland	HealthKeeperz	5	278	2
HC0397	Randolph	Hospice of Randolph County, Inc	1	11	1
HOS3086	Lee	Liberty Home Care and Hospice	2	7	2
HOS3050	Moore	Liberty Home Care and Hospice	21	4,146	10
HC0424	Richmond	Richmond County Hospice, Inc	1	66	1
		Totals for Moore	431	46,538	349
Agencies	or Offices servi	ng residents of Nash			
HC0228	Wayne	3НС	1	9	1
HC0508	Wilson	3НС	10	450	9
HOS3826	Franklin	Amedisys Hospice	1	15	1
HOS2424	Nash	Community Home Care and Hospice	103	10,260	79
HOS2241	Wilson	Community Home Care and Hospice	2	122	2
HOS2281	Wake	Heartland Home Health Care and Hospice	1	153	1
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	157	7,357	146
HOS3269	Nash	United Hospice of Eastern Carolina	10	2,181	8
HOS3292	Edgecombe	University Health Systems Home Health and Hospic	11	120	10
HOS0408	Wilson	WilMed Hospice	6	348	6
		Totals for Nash	302	21,015	263
Agencies	or Offices servi	ng residents of New Hanover			
HOS3010	Brunswick	Community Home Care and Hospice	26	1,533	19
HOS2007	Columbus	Liberty Home Care and Hospice	0	15	0
HOS2008	New Hanover	Liberty Home Care and Hospice	78	5,505	57
HOS0416	New Hanover	Lower Care Fear Hospice, Inc	821	56,168	722
		Totals for New Hanover	925	63,221	798
Agencies	or Offices servi	ng residents of Northhampton			
HOS3009	Halifax	Community Home Care and Hospice	32	1,581	23
HC0765	Halifax	Home Health and Hospice of Halifax	1	16	1
HOS3269	Nash	United Hospice of Eastern Carolina	2	399	2
HOS0425	Hertford	University Health Systems Home Health and Hospic	19	1,155	18
		Totals for Northhampton	54	3,151	44
Agencies	or Offices servi	ng residents of Onslow			
HC0228	Wayne	3НС	4	12	4

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HC0506	Jones	3НС	17	1,591	11
HC0053	Duplin	Carolina East Home Care and Hospice, Inc	1	48	2
HOS3010	Brunswick	Community Home Care and Hospice	4	21	1
HOS2984	Lenoir	Community Home Care and Hospice	2	417	1
HOS3006	Onslow	Community Home Care and Hospice	5	1,719	5
HOS2998	Carteret	Community Home Care and Hospice	18	991	13
HOS2302	Craven	Community Home Care and Hospice	1	203	0
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	1	828	3
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	1	55	0
HC1209	Onslow	Continuum II Home Care and Hospice	102	6,885	89
HOS3048	Carteret	Liberty Home Care and Hospice	2	86	1
HOS2005	Onslow	Liberty Home Care and Hospice	40	2,246	26
HOS0416	New Hanover	Lower Care Fear Hospice, Inc	9	102	8
HC0531	Onslow	Onslow County Home Health and Hospice	37	2,858	34
HOS3347	Craven	United Hospice of Coastal Carolina	7	816	5
		Totals for Onslow	251	18,878	203
Agencies	or Offices servi	ng residents of Orange			
HOS3147	Wake	Amedisys Hospice	2	75	0
HOS3823	Alamance	Amedisys Hospice	6	303	3
HOS2958	Durham	Community Home Care and Hospice	38	1,595	32
HOS0021	Durham	Duke Hospice	208	12,701	184
HOS2281	Wake	Heartland Home Health Care and Hospice	6	142	3
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	19	1,635	16
HOS3304	Durham	Liberty Home Care and Hospice	7	987	4
HOS0370	Chatham	UNC Hospice	115	7,415	100
		Totals for Orange	401	24,853	342
Agencies	or Offices servi	ng residents of Pamlico			
HOS2302	Craven	Community Home Care and Hospice	22	2,007	7
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	1	34	0
HOS0394	Pamlico	Hospice of Pamlico County, Inc	20	1,059	20
HOS3347	Craven	United Hospice of Coastal Carolina	3	180	2
		Totals for Pamlico	46	3,280	29
Agencies	or Offices servi	ng residents of Pasquotank			
HOS1677	Pasquotank	Albermarle Hospice	79	4,289	65
HOS3301	Pasquotank	Community Home Care and Hospice	43	2,178	27
		Totals for Pasquotank	122	6,467	92

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
Agencies	or Offices servi	ng residents of Pender			
HC0053	Duplin	Carolina East Home Care and Hospice, Inc	5	212	2
HOS3010	Brunswick	Community Home Care and Hospice	11	1,600	2
HC1209	Onslow	Continuum II Home Care and Hospice	1	6	1
HOS3054	Sampson	Liberty Home Care and Hospice	1	35	1
HOS3059	Pender	Liberty Home Care and Hospice	1	79	0
HOS2008	New Hanover	Liberty Home Care and Hospice	5	111	4
HOS3052	Pender	Lower Cape Fear Hospice and Life Care Center	177	14,912	168
		Totals for Pender	201	16,955	178
Agencies	or Offices servi	ng residents of Perquimans			
HOS1677	Pasquotank	Albermarle Hospice	20	1,531	21
HOS3301	Pasquotank	Community Home Care and Hospice	6	319	3
HOS0425	Hertford	University Health Systems Home Health and Hospic	1	14	1
		Totals for Perquimans	27	1,864	25
Agencies	or Offices servi	ng residents of Person			
HOS2561	Vance	Community Home Care and Hospice	3	73	1
HOS2958	Durham	Community Home Care and Hospice	3	21	3
HOS0021	Durham	Duke Hospice	24	2,281	19
HOS2281	Wake	Heartland Home Health Care and Hospice	1	77	1
HC0533	Person	Home Health and Hospice of Person County	95	7,919	81
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	2	26	2
HOS3304	Durham	Liberty Home Care and Hospice	1	20	0
HOS3269	Nash	United Hospice of Eastern Carolina	5	331	7
		Totals for Person	134	10,748	114
Agencies	or Offices servi	ng residents of Pitt			
HC0195	Lenoir	3НС	2	445	0
HC0508	Wilson	3НС	0	5	0
HC0509	Pitt	3НС	43	3,458	26
HOS0331	Pitt	AseraCare Hospice	60	4,796	39
HOS2996	Pitt	Community Home Care and Hospice	116	15,835	91
HOS3345	Pitt	United Hospice, Inc	48	9,221	42
HOS1711	Pitt	University Health Systems Home Health and Hospic	200	10,213	189
		Totals for Pitt	469	43,973	387
Agencies	or Offices servi	ng residents of Polk			
HOS0386	Henderson	Four Seasons Compassion for Life	6	252	5
HOS0400	Rutherford	Hospice of Rutherford County, Inc.	2	547	1
HOS0396	Polk	Hospice of the Carolina Foothills, Inc	160	14,578	152
		Totals for Polk	168	15,377	158

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
Agencies	or Offices servi	ng residents of Randolph			
HOS2983	Chatham	Community Home Care and Hospice	2	120	1
HOS3075	Randolph	Community Home Care and Hospice	41	4,298	24
HC0427	Moore	First Health Hospice & Palliative Care	0	81	1
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	3	79	2
HC0374	Guilford	Hospice and Palliative Care of Greensboro	8	410	6
HOS0365	Cabarrus	Hospice of Carbarrus County, Inc	1	6	1
HOS0372	Davidson	Hospice of Davidson County, Inc	2	604	2
HC0397	Randolph	Hospice of Randolph County, Inc	414	34,759	362
HOS1581	Guilford	Hospice of the Piedmont, Inc	82	4,899	82
		Totals for Randolph	553	45,256	481
Agencies	or Offices servi	ng residents of Richmond			
HOS3007	Richmond	Community Home Care and Hospice	65	10,006	16
HC0427	Moore	First Health Hospice & Palliative Care	1	300	1
HOS3031	Scotland	Hospice of Scotland County	27	5,004	27
HOS3064	Anson	Liberty Home Care and Hospice	11	1,474	7
HOS2861	Robeson	Native Angels Hospice	2	67	0
HC0424	Richmond	Richmond County Hospice, Inc	147	14,617	123
		Totals for Richmond	253	31,468	174
Agencies	or Offices servi	ng residents of Robeson			
HC0255	Sampson	3НС	1	6	1
HC0283	Cumberland	Cape Fear Valley Home Care and Hospice	8	708	6
HC1331	Cumberland	Community Home Care and Hospice	1	22	0
HOS2060	Robeson	Community Home Care and Hospice	87	16,250	37
HC0359	Cumberland	HealthKeeperz	40	2,976	19
HOS3031	Scotland	Hospice of Scotland County	39	3,429	31
HOS3066	Robeson	Liberty Home Care and Hospice	68	14,347	43
HOS2004	Cumberland	Liberty Home Care and Hospice	1	30	1
HOS2290	Hoke	Liberty Home Care and Hospice	11	1,116	13
HOS2861	Robeson	Native Angels Hospice	102	14,722	31
HC0424	Richmond	Richmond County Hospice, Inc	1	79	1
HOS1599	Robeson	Southeastern Hospice	265	9,926	198
		Totals for Robeson	624	63,611	381
Agencies	or Offices servi	ng residents of Rockingham			
HOS3823	Alamance	Amedisys Hospice	2	133	0
HOS3295	Stokes	Hospice & Palliative Care Center	4	297	2
HC0409	Forsyth	Hospice & Palliative Care Center	1	18	1

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HC0361	Alamance	Hospice and Palliative Care Center of Alamance- Ca	3	398	4
HC0374	Guilford	Hospice and Palliative Care of Greensboro	4	302	1
HOS0554	Stokes	Hospice of Stokes County	1	10	1
HOS0398	Rockingham	Hospie of Rockingham County, Inc	338	16,187	303
HOS3049	Alamance	Liberty Home Care and Hospice	1	79	1
		Totals for Rockingham	354	17,424	313
Agencies	or Offices servi	ng residents of Rowan			
HOS3273	Iredell	Community Home Care and Hospice	2	185	0
HOS2425	Rowan	Hospice & Palliative Care Center	95	10,283	82
HC0409	Forsyth	Hospice & Palliative Care Center	4	172	6
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	2	11	2
HOS0365	Cabarrus	Hospice of Carbarrus County, Inc	84	5,323	80
HOS0372	Davidson	Hospice of Davidson County, Inc	1	14	0
HOS0387	Iredell	Hospice of Iredell County, Inc	1	1	1
HOS0402	Stanly	Hospice of Stanly County, Inc	1	9	1
HOS3051	Davidson	LIberty Home Care and Hospice	6	262	4
HOS3918	Rowan	Rowan Regional Hospice	329	21,835	263
		Totals for Rowan	525	38,095	439
Agencies	or Offices servi	ng residents of Rutherford			
HOS0371	Cleveland	Hospice of Cleveland, Inc	3	534	3
HOS0400	Rutherford	Hospice of Rutherford County, Inc.	475	49,183	389
		Totals for Rutherford	478	49,717	392
Agencies	or Offices servi	ng residents of Sampson			
HC0228	Wayne	3НС	17	395	17
HC0255	Sampson	3HC	67	8,134	32
HC0283	Cumberland	Cape Fear Valley Home Care and Hospice	5	341	4
HC0053	Duplin	Carolina East Home Care and Hospice, Inc	2	146	2
HOS1945	Bladen	Community Home Care and Hospice	1	14	1
HC1844	Sampson	Community Home Care and Hospice	70	9,923	48
HC0359	Cumberland	HealthKeeperz	1	3	1
HOS0375	Harnett	Hospice of Harnett County, Inc	1	100	1
HOS2004	Cumberland	Liberty Home Care and Hospice	1	300	0
HOS3054	Sampson	Liberty Home Care and Hospice	46	5,670	29
HOS3067	Harnett	Liberty Home Care and Hospice	2	137	0
HOS3069	Johnston	Liberty Home Care and Hospice	1	74	1
HOS0415	Bladen	Lower Cape Fear Hospice, Inc	5	131	6
HOS3346	Johnston	United Hospice of Eastern Carolina, Smithfield	3	971	0

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
		Totals for Sampson	222	26,339	142
Agencies	or Offices servi	ng residents of Scotland			
HOS2060	Robeson	Community Home Care and Hospice	1	4	0
HC0359	Cumberland	HealthKeeperz	6	643	3
HOS3031	Scotland	Hospice of Scotland County	165	15,167	175
HOS2290	Hoke	Liberty Home Care and Hospice	0	365	0
HOS3064	Anson	Liberty Home Care and Hospice	1	134	1
HOS2861	Robeson	Native Angels Hospice	7	1,135	2
HC0424	Richmond	Richmond County Hospice, Inc	2	77	1
		Totals for Scotland	182	17,525	182
Agencies	or Offices servi	ng residents of Stanly			
HOS3199	Montgomery	Community Home Care and Hospice	1	18	1
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	1	95	1
HOS0365	Cabarrus	Hospice of Carbarrus County, Inc	13	251	11
HOS0402	Stanly	Hospice of Stanly County, Inc	258	12,968	240
		Totals for Stanly	273	13,332	253
Agencies	or Offices servi	ng residents of Stokes			
HC0409	Forsyth	Hospice & Palliative Care Center	43	5,004	38
HOS3295	Stokes	Hospice & Palliative Care Center	118	12,163	105
HOS0554	Stokes	Hospice of Stokes County	43	5,471	42
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	1	110	0
HOS0404	Surry	Mountain Valley Hospice and Palliative Care	24	2,347	14
		Totals for Stokes	229	25,095	199
Agencies	or Offices servi	ng residents of Surry			
HC0409	Forsyth	Hospice & Palliative Care Center	7	354	12
HOS3295	Stokes	Hospice & Palliative Care Center	7	744	5
HOS0554	Stokes	Hospice of Stokes County	1	131	1
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	12	544	7
HOS0404	Surry	Mountain Valley Hospice and Palliative Care	301	39,604	244
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	79	6,678	58
		Totals for Surry	407	48,055	327
Agencies	or Offices servi	ng residents of Swain			
HC0298	Swain	Angel Home Health & Hospice	11	916	5
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	3	28	3
HC0157	Jackson	WestCare Home Health and Hospice Services	46	2,409	43
		Totals for Swain	60	3,353	51
Agencies	or Offices servi	ng residents of Transylvania			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	2	11	2

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS0386	Henderson	Four Seasons Compassion for Life	18	1,419	6
HC0067	Transylvania	TRH- Home Care	149	10,547	127
		Totals for Transylvania	169	11,977	135
Agencies	or Offices servi	ng residents of Tyrrell			
HOS3302	Hyde	Community Home Care and Hospice	3	65	2
HC0524	Tyrell	Roanoke Home Care and Hospice	1	2	1
		Totals for Tyrrell	4	67	3
Agencies	or Offices servi	ng residents of Union			
HOS3116	Union	Community Home Care and Hospice	16	2,218	10
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	148	8,917	131
HC0369	Mecklenburg	Hospice and Palliative Care Charlotte Region	46	2,530	39
HOS0365	Cabarrus	Hospice of Carbarrus County, Inc	1	31	1
HC0812	Gaston	Hospice of Gaston County, Inc	1	8	0
HOS0405	Union	Hospice of Union County, Inc	233	12,078	178
HOS1445	Mecklenburg	Prebyterian Hospice	22	974	19
		Totals for Union	467	26,756	378
Agencies	or Offices servi	ng residents of Vance			
HOS3826	Franklin	Amedisys Hospice	22	1,263	18
HOS2561	Vance	Community Home Care and Hospice	61	5,298	55
HOS0021	Durham	Duke Hospice	10	488	11
HOS2281	Wake	Heartland Home Health Care and Hospice	1	39	1
HOS3269	Nash	United Hospice of Eastern Carolina	3	341	5
		Totals for Vance	97	7,429	90
Agencies	or Offices servi	ng residents of Wake			
HC0228	Wayne	3НС	2	28	2
HC0507	Johnston	3НС	17	1,125	10
HC0508	Wilson	3НС	1	0	1
HOS3826	Franklin	Amedisys Hospice	19	1,457	10
HOS3147	Wake	Amedisys Hospice	42	3,642	25
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	1	23	1
HOS3005	Franklin	Community Home Care and Hospice	1	331	0
HOS2048	Harnett	Community Home Care and Hospice	3	85	2
HOS2223	Wake	Community Home Care and Hospice	71	7,084	53
HOS0021	Durham	Duke Hospice	16	958	16
HOS2125	Wake	Duke Hospice	158	6,350	139
HOS2281	Wake	Heartland Home Health Care and Hospice	295	20,606	248
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	1	7	1

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS1595	Wake	Hospice of Wake County, Inc	1,263	88,721	1,076
HC0383	Johnston	Johnston Memorial Home Care and Hospice	5	110	4
HOS3058	Wake	Liberty Home Care and Hospice	103	7,667	72
HOS3067	Harnett	Liberty Home Care and Hospice	3	399	2
HOS3069	Johnston	Liberty Home Care and Hospice	1	147	0
HOS3269	Nash	United Hospice of Eastern Carolina	62	6,758	40
		Totals for Wake	2,064	145,498	1,702
Agencies	or Offices servi	ng residents of Warren			
HOS3826	Franklin	Amedisys Hospice	12	667	7
HOS2561	Vance	Community Home Care and Hospice	12	1,175	13
HOS3005	Franklin	Community Home Care and Hospice	14	732	13
HOS3009	Halifax	Community Home Care and Hospice	4	135	3
HC0765	Halifax	Home Health and Hospice of Halifax	2	27	2
HOS3269	Nash	United Hospice of Eastern Carolina	5	151	6
		Totals for Warren	49	2,887	44
Agencies	or Offices servi	ng residents of Washington			
HOS0331	Pitt	AseraCare Hospice	3	230	2
HOS3008	Martin	Community Home Care and Hospice	6	514	9
HC0523	Washington	Roanoke Home Care and Hospice	14	199	12
HOS0425	Hertford	University Health Systems Home Health and Hospic	7	257	7
HOS1711	Pitt	University Health Systems Home Health and Hospic	1	2	1
		Totals for Washington	31	1,202	31
Agencies	or Offices servi	ng residents of Watauga			
HOS1122	Watauga	High Country Health Care System	75	7,021	63
HOS0363	Avery	Medi Home Hospice	1	160	2
HOS0367	Catawba	Palliative Care Center & Hospice of Catawba Valley,	1	50	0
		Totals for Watauga	77	7,231	65
Agencies	or Offices servi	ng residents of Wayne			
HC0228	Wayne	3НС	312	16,639	234
HC0508	Wilson	3НС	1	0	0
HC0255	Sampson	3НС	3	499	1
HC0195	Lenoir	3НС	0	44	0
HC0507	Johnston	3НС	0	72	0
HOS1302	Wayne	Carolina East Home Care and Hospice, Inc	5	256	4
HC2361	Wayne	Community Home Care and Hospice	64	8,116	39
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	7	1,442	3
HOS3346	Johnston	United Hospice of Eastern Carolina, Smithfield	12	1,762	2

Lic.#	Facility Cnty	Facility Name	Admissions	Days of Care	Deaths
HOS1711	Pitt	University Health Systems Home Health and Hospic	1	7	0
HOS3292	Edgecombe	University Health Systems Home Health and Hospic	2	57	1
HOS0408	Wilson	WilMed Hospice	2	93	1
		Totals for Wayne	409	28,987	285
Agencies	or Offices servi	ng residents of Wilkes			
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc	1	33	1
HC0409	Forsyth	Hospice & Palliative Care Center	5	141	3
HOS0387	Iredell	Hospice of Iredell County, Inc	8	133	8
HOS0407	Wilkes	Hospice of Wilkes Regional Medical Center	133	7,773	134
HOS0404	Surry	Mountain Valley Hospice and Palliative Care	0	314	1
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	42	1,981	37
		Totals for Wilkes	189	10,375	184
Agencies	or Offices servi	ng residents of Wilson			
HC0228	Wayne	3НС	5	111	4
HC0507	Johnston	3НС	1	182	0
HC0508	Wilson	3НС	30	1,916	17
HOS2241	Wilson	Community Home Care and Hospice	101	10,617	90
HC0393	Nash	Hospice and Palliative Care of Nash General Hospita	6	486	6
HOS3269	Nash	United Hospice of Eastern Carolina	4	450	3
HOS3292	Edgecombe	University Health Systems Home Health and Hospic	10	630	8
HOS1711	Pitt	University Health Systems Home Health and Hospic	1	2	1
HOS0408	Wilson	WilMed Hospice	75	4,915	65
		Totals for Wilson	233	19,309	194
Agencies	or Offices servi	ng residents of Yadkin			
HC0409	Forsyth	Hospice & Palliative Care Center	29	412	25
HOS3084	Davie	Hospice & Palliative Care Center	7	978	8
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	89	8,925	69
HOS0404	Surry	Mountain Valley Hospice and Palliative Care	1	439	1
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	12	1,269	12
		Totals for Yadkin	138	12,023	115
Agencies	or Offices servi	ng residents of Yancey			
HOS0113	Buncombe	Care Partners Hospice & Palliative Care Services	6	35	5
HOS1027	Yancey	Hospice of Yancey, County	107	18,366	90
HOS0832	Mitchell	The Hospice & Palliative Care Center of Mitchell Co	2	130	1
		Totals for Yancey	115	18,531	96
Grand To	otal		33,460	2,650,416	27,533

Table 13B: Year 2012 Hospice Home Care Office Need Projections for 2011 Plan

O-1 A	Caluman D	0-1			ar 2012 Hospice						O a lumana I	Caluman M	Oaliman N
Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H	Column I	Column J	Column K	Column L	Column M	Column N
						2012 # of				Projected			
				2009	2012 # of Hospice	Hospice	Projected		Place-	Number of		Lic. Home	
	2004-2008	2012		Reported #	Deaths Served at	Deaths	2012 # of	Median	holder for	Additional	Licensed	Care	
	Death	Population		of Hospice	Two Year Trailing	Served	Hospice	Projected 2012	New	Patients in	Home Care	Offices in	Additional
	Rate/1000	(excluding	Projected	Patient	Average Growth	Limited to	Deaths	Hospice	Hospice	Need Surplus	Offices in	County per	Hospice
	Population	military)	2012 Deaths	Deaths	Rate	60%	Served	Deaths	Office	(Deficit)	County	100,000	Office Need
				1									
				'			Lower#of	Col. D x Proj.					
		Office of State		'			Deaths	Statewide Median			2009 Lic.		If Col. $M \le 3$
Source or	Deaths - NC	Budget and	Col. B x		Col. E x 3 Yrs Growth		between Col.	Percent Deaths		Col. H + Col. J -	Data	Col. L / (Col.	and Col. K <=
Formula =>	Vital Statistics	Management	(Col.C/1000)	Supplements	at 5.2% annually	Col. D x 60%	F and Col. G	Served (33.7%)		Col. I	Supplement	C / 100,000)	-90
North Carolin	8.4	9,709,989	81,564	27,533	32,021	48,938	32,021	27,516	180	4,686	240	3.6	0
Alamance	9.7	154,410	1,498	622	723	899	723	505		218	4	2.6	
Alexander	8.8	38,215	336	133	155	202	155	113		41	1	2.6	
Alleghany	12.4	11,464	142	39	45	85	45	48		(3)	1	8.7	
Anson	11.1	25,021	278	38	44	167	44	94		(49)	3	12.0	
Ashe	11.6	27,093	314	61	71	189	71	106		(35)	1	3.7	
Avery	10.2	18,288	187	36	42	112	42	63		(21)	1	5.5	
Beaufort	11.6	47,969	556	169	197	334	197	188		9	2	4.2	
Bertie	12.3	19,970	246	52	60	147	60	83		(22)	0	0.0	
Bladen	11.8	31,631	373	107	124	224	124	126		(1)	4	12.6	
Brunswick	9.6	116,609	1,119	392	456	672	456	378		78	4	3.4	
Buncombe	10	238,442	2,384	964	1,121	1,431	1,121	804		317	1	0.4	
Burke	9.9	90,747	898	350	407	539	407	303		104	1	1.1	
Cabarrus	8	189,120	1,513	529	615	908	615	510		105	2	1.1	
Caldwell	10	81,373	814	407	473	488	473	275		199	1	1.2	
Camden	7.5	9,579	72	12	14	43	14	24		(10)	0	0.0	
Carteret*	10.9	65,934	719	214	249	431	249	242		6	4	6.1	
Caswell	10.2	23,210	237	54	63	142	63	80		(17)	0	0.0	
Catawba	9.1	162,864	1,482	747	869	889	869	500		369	1	0.6	
Chatham	9.1	65,935	600	168	195	360	195	202		(7)	4	6.1	
Cherokee	12.1	28,064	340	71	83	204	83	115	90	58	1	3.6	
Chowan	12.7	14,977	190	29	34	114	34	64		(30)	1	6.7	
Clay	11.9	11,107	132	23	27	79	27	45		(18)	1	9.0	
Cleveland	10.7	100,071	1,071	511	594	642	594	361		233	1	1.0	
Columbus	11.9	57,065	679	211	245	407	245	229		16	4	7.0	
Craven*	9.6	95,542	917	247	287	550	287	309		(22)	4	4.2	
Cumberland*	6.7	295,832	1,982	611	711	1,189	711	669		42	8	2.7	
Currituck	7.9	22,646	179	62	72	107	72	60		12	0	0.0	
Dare	7.6	33,821	257	77	90	154	90	87		3	2	5.9	
Davidson	9.4	165,396	1,555	480	558	933	558	524		34	3	1.8	İ
Davie	8.8	43,764	385	142	165	231	165	130		35	2	4.6	
Duplin	9.6	54,981	528	97	113	317	113	178		(65)	4	7.3	İ
Durham	6.9	282,707	1,951	550	640	1,170	640	658		(18)	6	2.1	
Edgecombe	11.3	51,227	579	161	187	347	187	195		(8)	3	5.9	

Table 13B: Year 2012 Hospice Home Care Office Need Projections for 2011 Plan

Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H	Column I	Column J	Column K	Column L	Column M	Column N
Coldiniii	Coldilli	Coldinin	Coldinii	Oolalliii L	Column	2012 # of	Coldinii	Oolalliili	Coldinii	Projected	COIGITITE	Coldinii	Coldinii
	1	,		2009	2012 # of Hospice	Hospice	Projected		Place-	Number of		Lic. Home	
	2004-2008	2012		Reported #	Deaths Served at	Deaths	2012 # of	Median	holder for	Additional	Licensed	Care	
	Death	Population		of Hospice	Two Year Trailing	Served	Hospice	Projected 2012	New	Patients in	Home Care	Offices in	Additional
	Rate/1000	(excluding	Projected	Patient	Average Growth	Limited to	Deaths	Hospice	Hospice	Need Surplus	Offices in	County per	Hospice
	Population	military)	2012 Deaths	Deaths	Rate	60%	Served	Deaths	Office	(Deficit)	County	100,000	Office Need
	·									,			
	1	,					Lower # of	Col. D x Proj.					
	1	Office of State					Deaths	Statewide Median			2009 Lic.		If Col. M <= 3
Source or	Deaths - NC	Budget and	Col. B x	2009 Lic. Data	Col. E x 3 Yrs Growth		between Col.	Percent Deaths		Col. H + Col. J -	Data	Col. L / (Col.	and Col. K <=
Formula =>	Vital Statistics	Management	(Col.C/1000)	Supplements	at 5.2% annually	Col. D x 60%	F and Col. G	Served (33.7%)		Col. I	Supplement	C / 100,000)	-90
Forsyth	8.5	373,030	3,171	1,099	1,278	1,902	1,278	1,070		209	2	0.5	
Franklin	8.2	62,501	513	117	136	308	136	173		(37)	4	6.4	
Gaston	10	213,760	2,138	869	1,011	1,283	1,011	721		290	1	0.5	
Gates	10.1	12,003	121	21	24	73	24	41		(16)	0	0.0	
Graham	12.1	8,481	103	17	20	62	20	35		(15)	1	11.8	
Granville	9.1	58,906	536	96	112	322	112	181		(69)	2	3.4	
Greene	8.7	21,949	191	57	66	115	66	64		2	1	4.6	
Guilford	8	498,381	3,987	1,282	1,491	2,392	1,491	1,345		146	4	0.8	
Halifax	11.6	54,697	634	116	135	381	135	214		(79)	3	5.5	
Harnett*	7.6	120,337	915	335	390	549	390	309		81	7	5.8	
Haywood	12	59,167	710	267	311	426	311	240		71	1	1.7	
Henderson	12.6	110,834	1,397	791	920	838	838	471		367	1	0.9	
Hertford	11.9	23,939	285	67	78	171	78	96		(18)	1	4.2	
Hoke*	6.4	48,258	309	65	76	185	76	104		(29)	2	4.1	
Hyde	12.1	5,341	65	24	28	39	28	22		6	1	18.7	
Iredell	8.7	164,767	1,433	588	684	860	684	484		200	3	1.8	
Jackson	8.9	39,747	354	109		212	127	119		7	1	2.5	
Johnston	7	184,404	1,291	319	371	774	371	435		(64)	8	4.3	
Jones	10.6	10,156	108	22	26	65	26	36		(11)	1	9.8	
Lee	9	61,059	550	166	193	330	193	185		8	2	3.3	
Lenoir	11.6	56,480	655	155	180	393	180	221		(41)	3	5.3	
Lincoln	8.4	79,511	668	246		401	286	225		61	1	1.3	
Macon	12.7	36,293	461	118		277	137	155		(18)	3	8.3	
Madison	11.1	21,242	236	68		141	79	80		(0)	1	4.7	
Martin	13.2	23,659	312	78		187	91	105		(15)	3	12.7	
McDowell	10.2	45,611	465	142	165	279	165	157		8	1	2.2	
Mecklenburg	5.9	939,579	5,544	2,128	2,475	3,326	2,475	1,870		605	6	0.6	
Mitchell	12.3	16,185	199	99	115	119	115	67		48	1	6.2	
Montgomery	9.6	28,411	273	68	79	164	79	92		(13)	1	3.5	
Moore*	11.6	90,626	1,051	349	406	631	406	355		51	3	3.3	
Nash	9.9	99,609	986	263	306	592	306	333		(27)	4	4.0	
New Hanover	8.2	200,380	1,643	798		986	928	554		374	3	1.5	
Northampton	13.2	20,841	275	44	51	165	51	93		(42)	1	4.8	
Onslow*	5.1	155,897	795	203	236	477	236	268		(32)	4	2.6	
Orange	5.6	136,874	766	342	398	460	398	259		139	3	2.2	
Pamlico	11.4	12,866	147	29		88	34	49		(16)	2	15.5	
Pasquotank	9.1	41,819	381	92	107	228	107	128		(21)	2	4.8	

Table 13B: Year 2012 Hospice Home Care Office Need Projections for 2011 Plan

Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H	Column I	Column J	Column K	Column L	Column M	Column N
- Columnia / C	00.02	0010	00:0::::2	00:0::::2	00.0	2012 # of	00.0	00.0	0 0.0	Projected	002	00.0	00
		,		2009	2012 # of Hospice	Hospice	Projected		Place-	Number of		Lic. Home	
	2004-2008	2012		Reported #	Deaths Served at	Deaths	2012 # of	Median	holder for	Additional	Licensed	Care	
	Death	Population		of Hospice	Two Year Trailing	Served	Hospice	Projected 2012	New	Patients in	Home Care	Offices in	Additional
	Rate/1000	(excluding	Projected	Patient	Average Growth	Limited to	Deaths	Hospice	Hospice	Need Surplus	Offices in	County per	Hospice
	Population	military)	2012 Deaths	Deaths	Rate	60%	Served	Deaths	Office	(Deficit)	County	100,000	Office Need
	·									,	j	,	
							Lower#of	Col. D x Proj.					
		Office of State					Deaths	Statewide Median			2009 Lic.		If Col. M <= 3
Source or	Deaths - NC	Budget and	Col. B x	2009 Lic. Data	Col. E x 3 Yrs Growth		between Col.	Percent Deaths		Col. H + Col. J -	Data	Col. L / (Col.	and Col. K <=
Formula =>	Vital Statistics	Management	(Col.C/1000)	Supplements	at 5.2% annually	Col. D x 60%	F and Col. G	Served (33.7%)		Col. I	Supplement	C / 100,000)	-90
Pender	8.7	57,592	501	178	207	301	207	169		38	4	6.9	
Perquimans	11.9	13,344	159	25	29	95	29	54		(24)	0	0.0	
Person	10.5	39,174	411	114	133	247	133	139		(6)	1	2.6	
Pitt	7.4	168,527	1,247	387	450	748	450	421	-	29	7	4.2	
Polk	15	19,865	298	158	184	179	179	101		78	1	5.0	
Randolph	8.9	147,508	1,313	481	559	788	559	443		117	2	1.4	
Richmond	11.2	47,018	527	174	202	316	202	178		25	2	4.3	
Robeson	9.2	134,161	1,234	381	443	741	443	416		27	6	4.5	
Rockingham	11.5	92,412	1,063	313	364	638	364	359		6	2	2.2	
Rowan	10	144,331	1,443	439	511	866	511	487		24	3	2.1	
Rutherford	12.6	64,711	815	392	456	489	456	275		181	1	1.5	
Sampson	9.5	66,998	636	142	165	382	165	215		(50)	4	6.0	
Scotland	10.3	36,956	381	182	212	228	212	128		83	1	2.7	
Stanly	10.1	61,225	618	253	294	371	294	209		86	2	3.3	
Stokes	9.5	47,281	449	199	231	270	231	152		80	2	4.2	
Surry	11.2	75,334	844	327	380	506	380	285		96	3	4.0	
Swain	12.6	14,626	184	51	59	111	59	62		(3)	1	6.8	
Transylvania	11.8	31,900	376	135	157	226	157	127		30	1	3.1	
Tyrrell	9.2	4,247	39	3	3	23	3	13		(10)	1	23.5	
Union	5.9	211,105	1,246	378	440	747	440	420		19	5	2.4	
Vance	10.4	43,606	454	90	105	272	105	153		(48)	2	4.6	
Wake*	4.8	975,032	4,680	1,702	1,979	2,808	1,979	1,579		401	9	0.9	
Warren	11.1	19,741	219	44	51	131	51	74		(23)	0	0.0	
Washington	11.6	12,896	150	31	36	90	36	50		(14)	2	15.5	
Watauga	6.7	46,483	311	65	76	187	76	105		(29)	1	2.2	
Wayne*	9.3	114,294	1,063	285	331	638	331	359		(27)	5	4.4	
Wilkes	10.1	68,499	692	184	214	415	214	233	90	71	2	2.9	
Wilson	10.1	82,052	829	194	226	497	226	280		(54)	5	6.1	
Yadkin	10	38,383	384	115	134	230	134	129		4	1	2.6	
Yancey	11	18,838	207	96	112	124	112	70		42	1	5.3	

^{*}population projections were adjusted to exclude active duty military personnel.

Table 13C: Year 2014 Hospice Inpatient Bed Need Projections for the 2011 Plan

Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H	Column I	Column J	Column K	Column L	Column M	Column N	Column O
					2014 Days	2014 Days of	Projected 2014 Days		Projected		CON Appv'd/Lic.		Existing	Deficit/(Surplus) Adjusted for
	Total	Total Days			of Care at	Care at	of Care for	Projected	Total	Currently	Pending/	Adjusted	Facility	facilities not at
	Admissions	of Care	ALOS per	Total 2014	County	Statewide	Inpatient	Inpatient	Inpatient	Licensed	Prev. Need	Projected	Occupancy	85% occupancy
County	(2009 data)	(2009 Data)	Admission	Admissions	ALOS	ALOS	Estimates	Days	Beds	Beds	Determ.	Beds	Rate	(Col. N)
County	(2000 data)	(2000 Data)	7.01111001011	71411110010110	71200	71200	Lotimatoc	Dayo	2000	Douc	20.0	2000	raco	(00::11)
							Lower # of Days							
Source or	000011 0			Col.B x 5 Yrs		Col. E x Statewide			(0 / //005) /			01101		
Formula =>	2009 Lic. Data Supplement	2009 Lic. Data Supplement	Col. C / Col. B	Growth at 4.1% annually	Col. D x Col .E	Median ALOS per Admission (75.4)	Col. F and Col. G	Col. H * 6%	(Col. I/365) / 85%	Licensure Inventory		Col. J - (Col. K + Col. L)	2009 Lic. Data Supplement	
1 omidia =>	Оиррієтен	<i>Оиррієтет</i>	00i. 07 00i. B	armaany	001. D x 001.L	Admission (13.4)		001.11 070	0070	inventory	1	N + Ooi. L)	оиррини	
Alamance	765	60,749	79.4	933	74,080	70,348	70,348	4,221	14	8	6	(0)	72.60%	0
Alexander	169	10,280	60.8	206		15,532	12,525	752	2		3			(1)
Alleghany	50	3,769	75.4	61	4,599	4,599	4,599	276	1			1		1
Anson	45	3,533	78.5	55	4,318	4,147	4,147	249	1			1		1
Ashe	80	8,346	104.3	98		7,389	7,389	443	1			1		1
Avery	53	4,993	94.2	65		4,901	4,901	294	1			1	-	1
Beaufort	236	26,126	110.7	288	31,883	21,715	21,715	1,303	4		6	(-/		(2)
Bertie	61	2,904	47.6	74	3,523	5,580	3,523	211	1			1		1
Bladen	154	14,975	97.2	188	18,307	14,175	14,175	851	3			3		3
Brunswick	475	38,282	80.6	579	46,664	43,657	43,657	2,619	8		7	1		1
Buncombe	1,085	73,371	67.6	1,324	89,533	99,830	89,533	5,372	17	15		· · · · · · · · · · · · · · · · · · ·	106.03%	(3)
Burke	431	30,336	70.4	527	37,086	39,736	37,086	2,225	7		8		00.000/	1
Cabarrus	624	43,521	69.7	761	53,076	57,379	53,076	3,185	10			(' /		(4)
Caldwell	464	44,158	95.2	566	53,865	42,676	42,676	2,561	8			2	95.75%	2
Camden	13	633	48.7	16		1,206	774	46	0			0		0
Carteret	261	21,582	82.7	319 82		24,052	24,052	1,443 371	5 1			5		5
Caswell	67 856	7,684	114.7		9,394 80,555	6,183 78,718	6,183			11	6	1 (2)	65.38%	1 (2)
Catawba Chatham	217	66,049 23,581	77.2 108.7	1,044 265	28,828	19.981	78,718 19,981	4,723 1,199	15 4		6	(2) 4		(2)
Cherokee	76	2,670	35.1	93		7,012	3,264	1,199	1			1		1
Chowan	29	1,160	40.0	35		2,638	1,418	85	0			0		0
Clay	25	1,162	46.5	30		2,261	1,394	84	0			0		0
Cleveland	572	47,622	83.3	698	58,112	52,629	52,629	3,158	10		4	1	100.88%	1
Columbus	274	26,319	96.1	334	32,082	25,184	25,184	1,511	5		6		. 50.0070	(1)
Craven	321	38,493	119.9	392	47,058	29,557	29,557	1,773	6		1	6		6
Cumberland	1,146	68,496	59.8	1,398	83,558	105,409	83,558	5,013	16			2	71.59%	0
Currituck	73	5,693	78.0	89		6,711	6,711	403	1			1		1
Dare	97	3,812	39.3	118	4,637	8,897	4,637	278	1			1		1
Davidson	567	42,252	74.5	692	51,567	52,177	51,567	3,094	10	8		2	20.72%	0
Davie	156	16,457	105.5	190		14,326	14,326	860	3			3		3
Duplin	167	21,273	127.4	204	26,007	15,382	15,382	923	3			(0)		0
Durham	644	43,173	67.0	786		59,264	52,693	3,162	10			(2)	31.62%	(2)
Edgecombe	187	17,938	95.9	228	21,871	17,191	17,191	1,031	3			3		3
Forsyth	1,177	107,615	91.4	1,436	131,296	108,274	108,274	6,496	21	20	10	(-)	104.41%	(9)
Franklin	149	10,050	67.4	182	12,286	13,723	12,286	737	2			2		2
Gaston	1,004	57,108	56.9	1,225	69,679	92,365	69,679	4,181	13		6		79.45%	0
Gates	26	3,062	117.8	32	3,743	2,413	2,413	145	0		l	0		0

Table 13C: Year 2014 Hospice Inpatient Bed Need Projections for the 2011 Plan

Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H	Column I	Column J	Column K	Column L	Column M	Column N	Column O
					0044 D	0044 D	Projected		Duningtoni		CON		F	Deficit/(Surplus)
	T-4-1	Total Davis			2014 Days	2014 Days of	2014 Days	Duciested	Projected	C	Appv'd/Lic.	A -11:	Existing	Adjusted for
	Total Admissions	Total Days of Care	ALOS per	Total 2014	of Care at County	Care at Statewide	of Care for	Projected Inpatient	Total Inpatient	Currently Licensed	Pending/ Prev. Need	Adjusted Projected	Facility	facilities not at 85% occupancy
County	(2009 data)	(2009 Data)	ALOS per Admission	Admissions	ALOS	ALOS	Inpatient Estimates	Days	Beds	Beds	Determ.	Beds	Occupancy Rate	(Col. N)
County	(2009 data)	(2009 Data)	Aumssion	Aumissions	ALUS	ALUS	Estillates	Days	Deus	Deus	Determ.	Deus	Nate	(COL. N)
							Lower # of Days							
				Col.B x 5 Yrs		Col. E x Statewide	of Care between							
Source or	2009 Lic. Data	2009 Lic. Data		Growth at 4.1%		Median ALOS per	Col. F and Col.		(Col. I/365) /	Licensure		Col. J - (Col.	2009 Lic. Data	
Formula =>	Supplement	Supplement	Col. C / Col. B	annually	Col. D x Col .E	Admission (75.4)	G	Col. H * 6%	85%	Inventory		K + Col. L)	Supplement	
Graham	16	692	43.3	20	846	1,508	846	51	0	I	I	0	I	0
Granville	120	7,996	66.6	146		11,006	9,728	584	2			2		2
Greene	71	6,173	86.9	87	7,547	6,560	6,560	394	1			1		1
Guilford	1,524	142,376	93.4	1,859	173,673	140,169	140,169	8,410	27			13	78.24%	0
Halifax	145	10,224	70.5	1,033	12,499	13,346	12,499	750	2			2	70.2470	2
Harnett	550	39,736	72.2	671	48,478	50,593	48,478	2,909	9			2	66.55%	0
Haywood	305	19,279	63.2	372	23,514	28,049	23,514	1,411	5			5		5
Henderson	858	78,926	92.0	1,047	96,312	78,944	78,944	4,737	15			(4)		(4)
Hertford	74	2,885	39.0	90		6,786	3,527	212	1			1		1
Hoke	78	8,611	110.4	95		7,163	7,163	430	1			1		1
Hyde	32	9,864	308.3	39	12,059	2,941	2,941	176	1			1		1
Iredell	649	42,051	64.8	792	51,316	59,717	51,316	3,079	10	9		1	77.23%	0
Jackson	110	7,687	69.9	134	9,397	10,104	9,397	564	2			2		2
Johnston	459	34,600	75.4	560	42,214	42,224	42,214	2,533	8		12	(4)		(4)
Jones	28	4,201	150.0	34	5,136	2,564	2,564	154	0			0		0
Lee	219	15,425	70.4	267	18,806	20,132	18,806	1,128	4			4		4
Lenoir	230	21,901	95.2	281	26,774	21,187	21,187	1,271	4			4		4
Lincoln	298	23,219	77.9	364	28,386	27,446	27,446	1,647	5			5		5
McDowell	185	13,805	74.6	226		17,040	16,877	1,013	3			3		3
Macon	133	9,498	71.4	162	11,569	12,215	11,569	694	2		6	\ ''		(4)
Madison	84	3,993	47.5	102	4,849	7,691	4,849	291	1			1		1
Martin	83	6,175	74.4	101	7,549	7,615	7,549	453	1			1	0= 100/	1
Mecklenburg	2,478	171,032	69.0	3,023	208,648	227,934	208,648	12,519	40			21	85.19%	21
Mitchell	109	11,865	108.9	133	14,505	10,028	10,028	602 511	2			2		2
Montgomery	93 431	11,113 46,538	119.5 108.0	113 526	13,503 56,796	8,520 39,660	8,520 39,660	2,380	8		11	(3)		(3)
Moore Nash	302	21,015	69.6	368	25,608	27,747	25,608	1,536	5		6			(1)
New Hanover	925	63,221	68.3	1,128	77,095	85,051	77,095	4,626	15			3		3
Northhampton	54	3,151	58.4	1,126		4,976	3,852	231	13	12		1		1
Onslow	251	18,878	75.2	306		23,072	23,015	1,381	4			4		4
Orange	401	24,853	62.0	489		36,871	30,307	1,818	6	6		(0)		0
Pamlico	46	3,280	71.3	56		4,222	4,010	241	1	l		1		1
Pasquotank	122	6,467	53.0	149		11,235	7,906	474	2			2		2
Pender	201	16,955	84.4	245		18,473	18,473	1,108	4			4		4
Perquimans	27	1,864	69.0	33		2,488	2,279	137	0			0		0
Person	134	10,748	80.2	163	13,074	12,290	12,290	737	2			2		2
Pitt	469	43,973	93.8	572		43,129	43,129	2,588	8			0	60.34%	0

Table 13C: Year 2014 Hospice Inpatient Bed Need Projections for the 2011 Plan

Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H	Column I	Column J	Column K	Column L	Column M	Column N	Column O
							Projected				CON			Deficit/(Surplus)
					2014 Days	-	2014 Days		Projected		Appv'd/Lic.		Existing	Adjusted for
	Total	Total Days			of Care at	Care at	of Care for	Projected	Total	Currently	Pending/	Adjusted	Facility	facilities not at
_	Admissions	of Care	ALOS per	Total 2014	County	Statewide	Inpatient	Inpatient	Inpatient	Licensed	Prev. Need		Occupancy	85% occupancy
County	(2009 data)	(2009 Data)	Admission	Admissions	ALOS	ALOS	Estimates	Days	Beds	Beds	Determ.	Beds	Rate	(Col. N)
				Col.B x 5 Yrs		Col. E x Statewide	Lower # of Days							
Source or	2009 Lic. Data	2009 Lic. Data		Growth at 4.1%		Median ALOS per	Col. F and Col.		(Col. I/365) /	Licensure		Col. J - (Col.	2009 Lic. Data	
Formula =>	Supplement	Supplement	Col. C / Col. B	annually	Col. D x Col .E		G	Col. H * 6%	85%	Inventory		K + Col. L)	Supplement	
Polk	168	15,377	91.5	205	18,799	15,457	15,457	927	3			3		3
Randolph	553	45,256	81.8	675	55,240	50,895	50,895	3,054	10	6	6	(2)		(2)
Richmond	253	31,468	124.4	309	38,470	23,299	23,299	1,398	4		6	\-/		(2)
Robeson	624	63,611	101.9	761	77,577	57,379	57,379	3,443	11	12	6	(7)	48.63%	(7)
Rockingham	354	17,424	49.2	432	21,263	32,573	21,263	1,276	4	3		1	138.54%	1
Rowan	525	38,095	72.6	640	46,440	48,256	46,440	2,786	9		7	2		2
Rutherford	478	49,717	104.0	583	60,638	43,958	43,958	2,637	9	10		(1)	45.34%	(1)
Sampson	222	26,339	118.6	271	32,200	20,433	20,433	1,226	4			4		4
Scotland	182	17,525	96.3	222	21,425	16,739	16,739	1,004	3	4	2	(3)	7.40%	(3)
Stanly	273	13,332	48.8	333	16,262	25,108	16,262	976	3			3		3
Stokes	229	25,095	109.6	279	30,574	21,037	21,037	1,262	4			4		4
Surry	407	48,055	118.1	496	58,563	37,398	37,398	2,244	7	13		(6)	36.65%	(6)
Swain	60	3,353	55.9	73	4,099	5,504	4,099	246	1			1		1
Transylvania	169	11,977	70.9	206	14,599	15,532	14,599	876	3			3		3
Tyrrell	4	67	16.8	5	82	377	82	5	0			0		0
Union	467	26,756	57.3	570	32,657	42,978	32,657	1,959	6		6	0		0
Vance	97	7,429	76.6	118	9,037	8,895	8,895	534	2			2		2
Wake	2,064	145,498	70.5	2,518	177,502	189,857	177,502	10,650	34	14	10	10	82.69%	0
Warren	49	2,887	58.9	60	3,529	4,524	3,529	212	1			1		1
Washington	31	1,202	38.8	38	1,469	2,865	1,469	88	0			0		0
Watauga	77	7,231	93.9	94	8,840	7,088	7,088	425	1			1		1
Wayne	409	28,987	70.9	499	35,366	37,625	35,366	2,122	7	6	6	(-)	102.65%	(5)
Wilkes	189	10,375	54.9	231	12,684	17,417	12,684	761	2			2		2
Wilson	233	19,309	82.9	284	23,535	21,414	21,414	1,285	4			4		4
Yadkin	138	12,023	87.1	168	14,637	12,667	12,667	760	2			2		2
Yancey	115	18,531	161.1	140	22,559	10,556	10,556	633	2			2		2
Total	33,460	2,650,416	75.4	40,816	3,076,736	3,077,745	3,076,736	184,604	595	276	164		84.13%	

Hospice Inpatient Facilities: (2011 Plan)

l lospice ilip	atient Facilities: (2011 Plan)	ı	I N	1	0
		Ni	Number of	Davis of Care	Occ. Rate
		Number of		Days of Care	For
County	Facility	Licensed Beds	Approved/ Lic. Pending	Per 2010 Data Supplement	Reporting Period
Alamance	Hospice of Alamance/Caswell- Hospice Home	8	6	2,120	72.60%
Brunswick	Brunswick County Hospice Care Center	0	7	2,120 NA	72.00 % NA
Buncombe	Care Partners Hospice and Palliative Care	15	5	5,805	106.03%
Burke	Burke Hospice and Palliative Care	8	5	5,605	NA
Cabarrus	Hospice & Palliative Care of Cabarrus County	6	8	1,518	69.32%
Caldwell	Caldwell Hospice and Palliative Care/Kirkwood	4	0	2.097	143.63%
	Caldwell Hospice and Palliative Care/Hospice			,,,,,	
Caldwell	House	5		NA 2 225	NA 05 000/
Catawba	Catawba Valley Hospice House	11		2,625	65.38%
Catawba	Sherrills Ford Hospice House	_	6	NA	NA
Cleveland	Hospice/Palliative Care Cleveland County	5		1,841	100.88%
Cleveland	Hospice of Cleveland County/Kings Mountain	4		NA	NA
Columbus	Lower Cape Fear Hospice	6		1,633	74.57%
Cumberland	Carroll S. Roberson Center	8		2,025	69.35%
Davidson	Henry Etta and Bruce Hinkle Hospice House	8		762	26.10%
Duplin	Carolina East Home Care and Hospice, Inc.	3		620	56.62%
Durham	Duke Hospice, Hock Family Pavilion	12		1,385	31.62%
Forsyth	Kate B. Reynolds Hospice Home	20	10	7,622	104.41%
Gaston	Robin Johnson House - Gaston Hospice	6		1,740	79.45%
Gaston	Gaston Hospice House - Mount Holly		7	NA	NA
Guilford	Hospice/Palliative Care of Greensboro/ Beacon Place	8		1,891	64.76%
Guilford	Hospice Home at High Point	6		2,107	96.21%
Harnett	E. Carlton Powell Hospice House	8		1,701	58.25%
Henderson	Four Seasons Hospice and Palliative Care	19		4,546	65.55%
Iredell	Gordon Hospice House	9		2,537	77.23%
Johnston	SECU Hospice House of Johnston Health	12		NA	77.2570 NA
	Presbyterian Hospital / Harris Hospital Unit	8		2,278	78.01%
	Levine and Dickson Hospice House	11		3,860	96.14%
Moore	First Health Hospice/Palliative Care		11	NA	NA
Nash	Nash Regional Hospice House		6	NA NA	NA NA
INASII	Lower Cape Fear Hospice / Hospice Care		0	INA	INA
New Hanover		12		4,210	96.12%
Orange	Duke Hospice at the Meadowlands	6		1,694	77.35%
Pitt	University Health Systems Inpatient Hospice	8		1,762	60.34%
Randolph	Hospice of Randolph County		6	.,. 02	00.0.70
Richmond	Hospice Haven of Richmond County		6	NA	NA
Robeson	Southeastern Regional Medical Center	12	6	1,968	44.93%
Rockingham	Hospice of Rockingham County	3	0	1,517	138.54%
Rowan	Rowan Regional Medical Center	3	7	NA	130.34 /6 NA
	Hospice of Rutherford County / Hospice Home	10	,		
Rutherford	Hospice of Scotland County/Hospice House	10		1,655	45.34%
Scotland	Hospice & Palliative CareCenter dba Stokes	6		108	4.93%
Stokes	County Hospice Home		6		
Stokes		40	0	4 700	20.050/
Surry	Mountain Valley Hospice & Palliative Care	13 6		1,739	36.65%
Union	Hospice of Union County			NA	NA
	Rex Hospital (six inpatient beds were transferred				
Woko	to Hospice of Wake County during reporting			4 044	00.000/
Wake	period)	4.4	40	1,811	82.69%
Wake	Hospice of Wake County	14	10	NA 0.040	NA
Wayne	3HC/Kitty Askins Hospice Center	6	6	2,249	102.69%
	Total	306	113	69,426	62.16%

^{*} Adjusted for beds open during the data reporting year or for part of data reporting year. Figures were taken from the 2010 Hospice Data Supplements. Data were self reported.

Hospice Residential Facilities:

Tiospice ite	sidential Facilities.	ı	
County	Facility Name	Number of Licensed Beds	Number of Beds CON Approved/ License Pending
Alamance	Hospice of Alamance-Hospice Home	8	
Buncombe	CarePartners Hospice & Palliative Care - Solace	12	-5
Burke	Burke Palliative Care Center - Shytle House	6	
Cabarrus	Hospice of Cabarrus County - Hospice House	6	4
Caldwell	Caldwell Hospice-Kirkwood	2	
Caldwell	Caldwell Hospice/Hospice Home	7	
Catawba	Catawba Valley Hospice	10	
Cleveland	The Kathleen Dover Hamrick Hospice House-Wendover	9	
Cleveland	Kings Mountain Hospice House	4	
Davidson	Hinkle Hospice House	4	
Duplin	Carolina East Hospice Care Center	3	
Forsyth	Kate B. Reynolds Hospice Home	10	
Gaston	Gaston Hospice House-Mount Holly	- 4	5
Gaston	Robin Johnson House - Gaston Hospice	6	
Guilford	Hospice of Greensboro-Beacon Place	6	
Guilford	Hospice Home at High Point	8	
Guinora	Gordon Hospice House-Hospice of Iredell	0	
Iredell	County	6	
Johnston	SECU Hospice House of Johnston Health	6	
Mecklenburg	Levine & Dickson Hospice House	5	
Nash	Nash Regional Hospice House		6
Randolph	Hospice of Randolph County		4
Richmond	Richmond County Hospice Residential Facility	6	
Rockingham	Hospice of Rockingham County, Inc.	5	
Rowan	Rowan Regional Medical Center		7
Rutherford	Hospice of Rutherford County, Inc.	8	
Scotland	Hospice of Scotland County	6	
	Hospice & Palliative CareCenter dba		
Stokes	Stokes County Hospice Home		4
	Mountain Valley Hospice and Palliative	_	
Surry	Care-Hospice of Surry County	7	
Union	Hospice of Union County, Inc.	20	
Wake	Hospice of Wake County	6	
Wayne	3HC/Kitty Askins Hospice Center	6	6
TOTAL		182	31

	Inventory of Hospice Residential Beds					
	County	CON Award	Operational Facility			
1	Alamance		8			
2	Alexander					
3	Alleghany					
4	Anson					
5	Ashe					
6	Avery					
7	Beaufort					
8	Bertie					
9	Bladen					
10	Brunswick					
11	Buncombe	-5	12			
12 13	Burke Cabarrus	4	6			
13	Caldwell	4	<u>6</u> 9			
15	Camden		,			
16	Carteret					
17	Caswell					
18	Catawba		10			
19	Chatham					
20	Cherokee					
21	Chowan					
22	Clay					
23	Cleveland		13			
24	Columbus					
25	Craven					
26	Cumberland					
27	Currituck					
28 29	Dare Davidson		4			
30	Davie		4			
			2			
31 32	Duplin Durham		3			
33	Edgecombe					
34	Forsyth		10			
35	Franklin					
36	Gaston	5	6			
37	Gates					
38	Graham	-	-			
39	Granville					
40	Greene					
41	Guilford		14			
42	Halifax					
43	Harnett					
44 45	Haywood Henderson					
	•					
46	Hertford Hoke					
47 48	Hyde					
49	Iredell		6			
50	Jackson		•			
51	Johnston		6			
52	Jones		3			
53	Lee					
54	Lenoir	-	-			
55	Lincoln					
56	McDowell					
57	Macon					
58	Madison					
59	Martin					
60	Mecklenburg		5			

Inventory of Hospice Residential Beds					
	County	CON Award	Operational Facility		
61 62 63 64	Mitchell Montgomery Moore Nash	6			
65 66 67 68 69	New Hanover Northampton Onslow Orange Pamlico				
70 71 72 73 74 75	Pasquotank Pender Perquimans Person Pitt Polk				
76 77 78 79 80	Randolph Richmond Robeson Rockingham Rowan	4	6 5		
81 82 83 84 85	Rutherford Sampson Scotland Stanly Stokes	4	6		
86 87 88 89 90	Surry Swain Transylvania Tyrrell Union		7 20		
91 92 93 94 95	Vance Wake Warren Washington Watauga		6		
96 97 98 99 100	Wayne Wilkes Wilson Yadkin Yancey	6	6		
	TOTAL	31	182		

Table 13D: 2014 Hospice Inpatient Bed Need Determinations

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the counties listed in the table below need additional hospice inpatient beds as specified.

County	HSA	Hospice Inpatient Beds Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Cleveland***	I	1	May 16, 2011	June 1, 2011
Guilford***	II	4	July 15, 2011	August 1, 2011
Iredell***	III	3	May 16, 2011	June 1, 2011
Mecklenburg	III	21	May 16, 2011	June 1, 2011
New Hanover***	V	6	August 15, 2011	September 1, 2011
Carteret***	VI	6	August 15, 2011	September 1, 2011
Craven	VI	6	November 15, 2011	December 1, 2011

It is determined that there is no need for additional hospice inpatient beds anywhere else in the state and no other reviews are scheduled.

^{*} Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).

^{**} Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).

^{***} Adjusted need determination

Chapter 14: End-Stage Renal Disease Dialysis Facilities

CHAPTER 14 END-STAGE RENAL DISEASE DIALYSIS FACILITIES

Summary of Dialysis Station Supply and Utilization

Inventories of dialysis facilities and current utilization rates are presented twice a year in "Semiannual Dialysis Reports" required by this chapter. According to the "July 2010 North Carolina Semiannual Dialysis Report," there were 166 End-Stage Renal Disease (ESRD) dialysis facilities certified and operating in North Carolina (*i.e.*, facilities reporting patient data via the Southeastern Kidney Council), providing a total of 3,996 dialysis stations. Certificates of need had been issued for an additional 236 dialysis stations, but the stations were not yet certified. Another 41 dialysis stations had been requested, but had not completed the certificate of need review and appeals process. The number of facilities per county ranged from zero to 13.

Utilization data are based on reported numbers of patients obtained from the Southeastern Kidney Council and the Mid-Atlantic Renal Coalition. Of the 166 certified facilities operational on December 31, 2009, 68 were at or above 80 percent utilization (*i.e.*, *operating with at least 3.2 patients per station*).

Changes from the Previous Plan

No substantive changes in the dialysis policy or in the dialysis need methodology have been incorporated into the North Carolina <u>2011 State Medical Facilities Plan</u>. Dates have been advanced by one year, as needed to represent the time period for the 2011 Plan.

Basic Principles

The principles underlying projection of need for additional dialysis stations are as follows:

- 1. Increases in the number of facilities or stations should be done to meet the specific need for either a new facility or an expansion.
- 2. New facilities must have a projected need for at least 10 stations (or 32 patients at 3.2 patients per station) to be cost effective and to assure quality of care.
- 3. The Medical Facilities Planning Section will maintain a list of existing facilities and stations, utilization rates and projected need by county that is up-dated semiannually. Updated projections will be available two times a year on a published schedule. Existing or potential providers interested in expanding in any area of the state may contact the Medical Facilities Planning Section for projected need in the area of interest. (Note: A dialysis station's service area is the dialysis station planning area in which the dialysis station is located. Except for the Cherokee-Clay-Graham Multicounty Planning Area and the Avery-Mitchell-Yancey

- Multicounty Planning Area, each of the 94 remaining counties is a separate dialysis station planning area.)
- 4. Updates of the projections may target counties that have developed sufficient need to warrant consideration for facility expansion or for establishment of a new facility. Actual numbers are not published in the Plan so they can be updated as appropriate by the Medical Facilities Planning Section.
- 5. Home patients will not be included in the determination of need for new stations. Home patients include those that receive hemodialysis or peritoneal dialysis in their home.
- 6. No existing facility may expand unless its utilization is 80 percent or greater. Any facility at 80 percent utilization or greater may apply to expand.
- 7. Facilities reporting no patients through the Southeastern Kidney Council for four consecutive Semiannual Dialysis Reports, beginning from March 1997, will be excluded from future inventories.
- 8. Quality of Care: All facilities should comply with Medicare and Medicaid regulations relating to the delivery and certification of ESRD services and with relevant North Carolina statutory provisions. An applicant already involved in the provision of end-stage renal disease services should provide evidence that care of high quality has been provided in the past. The following are considered indicators of quality of care and existing providers proposing to expand their operations should include in their applications data which include, but are not limited to, the following:
 - a. utilization rates
 - b. morbidity and mortality rates
 - c. numbers of patients that are home trained and patients on home dialysis
 - d. number of patients receiving transplants
 - e. number of patients currently on the transplant waiting list
 - f. hospital admission rates
 - g. conversion rates for patients who have acquired hepatitis or AIDS
- 9. Availability of Manpower and Ancillary/Support Services: The applicant should show evidence of the availability of qualified staff and other health manpower and management for the provision of quality ESRD services as well as the availability of a safe and adequate water supply, provision for treatment of wastewater discharge and a standing electrical service with backup capabilities.

10. Patient Access to In-Center ESRD Services: As a means of making ESRD services more accessible to patients, one of the goals of the N. C. Department of Health and Human Services is to minimize patient travel time to and from the center.

Therefore,

- a. End-stage renal disease treatment should be provided in North Carolina such that patients who require renal dialysis are able to be served in a facility no farther than 30 miles from the patients' homes.
- b. In areas where it is apparent that patients are currently traveling more than 30 miles for in-center dialysis, favorable consideration should be given to proposed new facilities which would serve patients who are farthest away from existing, operational or approved facilities.
- 11. Transplantation Services: Transplantation services should be available to, and a priority for, all ESRD patients whose conditions make them suitable candidates for this treatment. New enrollees should meet with and have access to a transplantation representative to provide patient education and evaluation for transplantation.
- 12. Availability of Dialysis Care: The North Carolina State Health Coordinating Council encourages applicants for dialysis stations to provide or arrange for:
 - a. Home training and backup for patients suitable for home dialysis in the ESRD dialysis facility or in a facility that is a reasonable distance from the patient's residence;
 - b. ESRD dialysis service availability at times that do not interfere with ESRD patients' work schedules;
 - c. Services in rural, remote areas.

Sources of Data

Inventory Data:

Data on the current number of dialysis facilities and stations shall be obtained from the Certificate of Need Section and from the Licensure and Certification Section, Division of Health Service Regulation, N. C. Department of Health and Human Services.

Dialysis Patient Data:

Data on the dialysis population by county and by facility as of June 30, 2010 and as of December 31, 2010 shall be provided by the Centers for Medicare and Medicaid Services (CMS) through the Southeastern Kidney Council, Inc. (SEKC) and the Mid-Atlantic Renal Coalition, Inc.

Method for Projecting New Dialysis Station Need

The Medical Facilities Planning Section shall determine need for new dialysis stations two times each calendar year, and shall make a report of such determinations available to all who request it. This report shall be called the North Carolina Semiannual Dialysis Report (SDR). Relocations of existing dialysis stations within a county shall be reviewed independently (*see Chapter 3, Category I*). The Semiannual Dialysis Reports will use facility, station and active patient data as of June 30, 2010 for the "January 2011 SDR" and as of December 31, 2010 for the "July 2011 SDR." A new five-year trend line will be established in the "July 2011 SDR" based on validated data as reported to CMS for the time period ending December 31, 2010. Need for new dialysis stations shall be determined as follows:

- 1. County Need (for the January 2011 SDR Using the trend line ending with 12/31/09 data)
 - A. The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2005 to the end of 2009 is multiplied by the county's June 30, 2010 total number of patients in the SDR, and the product is added to each county's most recent total number of patients reported in the SDR. The sum is the county's projected total June 30, 2011 patients.
 - B. The percent of each county's total patients who were home dialysis patients on June 30, 2010 is multiplied by the county's projected total June 30, 2011 patients, and the product is subtracted from the county's projected total June 30, 2011 patients. The remainder is the county's projected June 30, 2011 in-center dialysis patients.
 - C. The projected number of each county's June 30, 2011 in-center patients is divided by 3.2. The quotient is the projection of the county's June 30, 2011 in-center dialysis stations.
 - D. From each county's projected number of June 30, 2011 in-center stations is subtracted the county's number of stations certified for Medicare, certificate of need-approved and awaiting certification, awaiting resolution of certificate of need appeals, and the number represented by need determinations in previous State Medical Facilities Plans or Semiannual Dialysis Reports for which certificate of need decisions have not been made. The remainder is the county's June 30, 2011 projected station surplus or deficit.
 - E. If a county's June 30, 2011 projected station deficit is 10 or greater and the January SDR shows that utilization of each dialysis facility in the county is 80 percent or greater, the June 30, 2011 county station need determination is the same as the June 30, 2011 projected station deficit. If a county's June 30, 2011 projected station deficit is less than ten or if the utilization of any dialysis

facility in the county is less than 80 percent, the county's June 30, 2011 station need determination is zero.

- 2. County Need (for the July 2011 SDR Using a new trend line based on 12/31/2010 data)
 - A. The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2006 to the end of 2010 is multiplied by the county's December 31, 2010 total number of patients in the SDR, and the product is added to each county's most recent total number of patients reported in the SDR. The sum is the county's projected total December 31, 2011 patients.
 - B. The percent of each county's total patients who were home dialysis patients on December 31, 2010 is multiplied by the county's projected total December 31, 2011 patients, and the product is subtracted from the county's projected total December 31, 2011 patients. The remainder is the county's projected December 31, 2011 in-center dialysis patients.
 - C. The projected number of each county's December 31, 2011 incenter patients is divided by 3.2. The quotient is the projection of the county's December 31, 2011 in-center dialysis stations.
 - D. From each county's projected number of December 31, 2011 incenter stations is subtracted the county's number of stations certified for Medicare, certificate of need-approved and awaiting certification, awaiting resolution of certificate of need appeals, and the number represented by need determinations in previous State Medical Facilities Plans or Semiannual Dialysis Reports for which certificate of need decisions have not been made. The remainder is the county's December 31, 2011 projected station surplus or deficit.
 - E. If a county's December 31, 2011 projected station deficit is 10 or greater and the July SDR shows that utilization of each dialysis facility in the county is 80 percent or greater, the December 31, 2011 county station need determination is the same as the December 31, 2011 projected station deficit. If a county's December 31, 2011 projected station deficit is less than ten or if the utilization of any dialysis facility in the county is less than 80 percent, the county's December 31, 2011 station need determination is zero.

3. Facility Need

A dialysis facility located in a county for which the result of the County Need methodology is zero in the current Semiannual Dialysis Report is determined to need additional stations to the extent that:

- A. Its utilization, reported in the current SDR, is 3.2 patients per station or greater.
- B. Such need, calculated as follows, is reported in an application for a certificate of need:
 - i. The facility's number of in-center dialysis patients reported in the previous Dialysis Report (SDR₁) is subtracted from the number of in-center dialysis patients reported in the current SDR (SDR₂). The difference is multiplied by 2 to project the net in-center change for one year. Divide the projected net in-center change for the year by the number of in-center patients from SDR₁ to determine the projected annual growth rate.
 - ii. The quotient from 3.B.i is divided by 12.
 - iii. The quotient from 3.B.ii is multiplied by 6 (the number of months from June 30, 2010 until December 31, 2010) for the January 3, 2011 SDR and by 12 (the number of months from December 31, 2010 until December 31, 2011) for the July 1, 2011 SDR.
 - iv. The product from 3.B.iii is multiplied by the number of the facility's in-center patients reported in the current SDR and that product is added to such reported number of in-center patients.
 - v. The sum from 3.B.iv is divided by 3.2, and from the quotient is subtracted the facility's current number of certified stations as recorded in the current SDR and the number of pending new stations for which a certificate of need has been issued. The remainder is the number of stations needed.
- C. The facility may apply to expand to meet the need established in 3.B.v, up to a maximum of 10 stations.

[NOTE: "Rounding" to the nearest whole number is allowed only in Step 1(C), Step 2(C) and Step 3(B)(v). In these instances, fractions of 0.5000 or greater shall be rounded to the next higher whole number.]

Unless specific "adjusted need determinations" are recommended by the North Carolina State Health Coordinating Council, an application for a certificate of need for additional dialysis stations can be considered consistent with the need determinations of this Plan only if it demonstrates a need by utilizing one of the methods of determining need outlined in this chapter.

Timeline

The schedule for publication of the North Carolina Semiannual Dialysis Reports and for receipt of certificate of need applications based on each issue of that report shall be as follows:

		APPLICATION DUE	
DATA FOR	PUBLICATION OF	DATES FOR CON	BEGINNING
PERIOD ENDING	SDR	APPLICATIONS	REVIEW DATES
June 30, 2010	January 3, 2011	March 15, 2011	April 1, 2011
Dec. 31, 2010	July 1, 2011	September 15, 2011	October 1, 2011

The data used for the SDR is supplied for that purpose to the Planning Staff by the Southeastern Kidney Council and the Mid Atlantic Renal Coalition.

Please be advised that 5:30 p.m. on the specified application due date is the filing deadline for any certificate of need application in response to these dialysis reports. The filing deadline is absolute.

Chapter 15: Psychiatric Inpatient Services

CHAPTER 15 PSYCHIATRIC INPATIENT SERVICES

Background Information

Certificates of need are required prior to the development of inpatient psychiatric beds identified as needed in the North Carolina 2011 State Medical Facilities Plan. In addition, community hospitals wishing to transfer beds from state psychiatric facilities must obtain a certificate of need prior to establishing these beds pursuant to Policy PSY-1. Further, community hospitals may develop psychiatric beds by converting acute care beds to psychiatric beds through a contract with the North Carolina Division of Mental Health, Developmental Disabilities, and Substance Abuse Services and/or one or more of the local management entities (Area Mental Health, Developmental Disabilities, and Substance Abuse Authorities) in accordance with G.S. §131E-184. If the hospital has executed such a contract, the conversion will be exempt from certificate of need requirements.

Basic Principles

Services for people who are mentally ill should be organized in such a way that a continuum of care is available. Because needs of people with mental illness vary greatly, they require access to a wide array of services including outpatient treatment, housing resources, day treatment services, residential treatment services and hospitalization. For most individuals in acute distress, admission to a community-based facility is preferable to admission to a regional, state operated facility because community-based treatment provides greater potential for reintegration into the community. The role of state facilities is to complement and supplement the community mental health system. State facilities should be the treatment setting of last resort and should provide services that cannot be economically provided in the community. Development of community programs may be accomplished through establishing appropriate treatment programs and support services in the community to avoid institutionalization of individuals in acute distress, and relocating people from state facilities to community programs to the extent appropriate services are developed in the community.

Inpatient psychiatric treatment of children and adolescents (which is more extensive than stabilization) shall occur in units which are separate and distinct from both adult psychiatric units and general pediatric units. In order to maximize efficiency and ensure the availability of a continuum of care, psychiatric beds for children and adolescents shall be developed in conjunction with outpatient treatment programs.

Changes from the Previous Plan

No substantive changes in basic principles and methodologies have been incorporated into the North Carolina <u>2011 State Medical Facilities Plan</u>. Throughout the chapter, data have been revised to reflect services provided during FY 2008-2009, and dates have been advanced by one year, where appropriate. The base year is changed to 2009 and the base year utilization data is applied to Year 2013 population estimates.

Summary of Bed Supply and Utilization

Psychiatric inpatient services are provided by four state-owned regional hospitals, three licensed freestanding specialty hospitals and by 44 general acute care hospitals with designated psychiatric units. The non-state hospitals have 1,687 licensed beds and provided a total of 344,353 days of care during the 12-month period ending September 30, 2009 – 16 percent of which were provided to patients younger than 18 years of age.

Methodology for Determining Psychiatric Bed Need

The methodology used to project need for psychiatric beds focuses on short-term psychiatric beds only, i.e., those beds used primarily by patients with lengths of stay of 60 days or fewer. The methodology is based on Year 2009 utilization data obtained from Thomson Reuters, a collector of hospital patient discharge information. The data was gathered from all acute care hospitals and specialty psychiatric hospitals. State hospital data are excluded because these hospitals are not subject to the certificate of need law. The data include discharges, days of care, and average lengths of stay for all psychiatric patients by their county of residence and age group. ICD-9-CM diagnosis codes used in the survey were 290, 293-302, and 306-314.

Basic Assumptions of the Methodology

- 1. A psychiatric inpatient bed's service area is the catchment area for the local management entity for mental health, developmental disabilities, and substance abuse services in which the bed is located. The counties comprising each of the 23 local management entity catchment areas for mental health, developmental disabilities, and substance abuse services are listed in Table 15B.
- 2. Children and adolescents require psychiatric treatment in units that are programmatically and physically distinct from adult patient units.
- 3. Short-term psychiatric beds in the state psychiatric hospitals being used by residents of each psychiatric planning area program may be relocated to community facilities in accordance with Policy PSY-1. Relocation of these beds will not result in a net change in the number of existing beds or the need for additional beds.
- 4. Optimum occupancy of freestanding psychiatric hospitals and designated psychiatric units in acute care hospitals is considered to be 75 percent.
- 5. Bed need is projected two years in advance because that amount of time may be required to bring a needed facility or expansion into service. Need in the North Carolina 2011 State Medical Facilities Plan is projected for Year 2013.

Changes from the Previous Plan

One substantive change to the Psychiatric Inpatient Services Inventory Tables has been incorporated into the <u>2011 North Carolina State Medical Facilities Plan</u>. The incorporated change does not affect number of operational beds, policies, assumptions or methodology.

Table 15A: Inventory of Psychiatric Beds, Excluding State Hospitals, Table 15B - Part 1: Projection of Child/Adolescent Psychiatric Bed Need for 2013 and Table 15B - Part 2: Projection of Adult Psychiatric Bed Need for 2013 have been updated to reflect Local Management Entity (LME) Coverage Area changes, with Albemarle LME merging with East Carolina Behavioral Health LME.

Sources of Data

Inventory Data:

North Carolina Department of Health and Human Services, Division of Health Service Regulation, Mental Health Licensure and Certification Section; Acute and Home Care Licensure Section; and the Certificate of Need Section. North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services.

Population Data:

North Carolina Office of State Budget and Management

Utilization Data:

Thomson Reuters collected data for the period from October 2008 through September 2009 from the providers of psychiatric inpatient services, and the Cecil G. Sheps Center for Health Services Research at the University of North Carolina at Chapel Hill distilled the data down to the individual counties.

Application of the Methodology

Each step explained below is applied to the 23 local management entities to arrive at bed surpluses/deficits in each local management entity.

Part 1: Determining Projected Patient Days of Care and Bed Need for Children and Adolescents

- Step 1: The estimated Year 2013 days of care for children/adolescents is determined by taking the actual 2009 days of care for the age group birth through 17, multiplying that number by the projected Year 2013 child/adolescent population and then dividing by the Year 2009 child/adolescent population.
- Step 2: The projected Year 2013 days of care is then adjusted downward by 20 percent to take into account the projected continued decrease in utilization by this age group.

- Step 3: The adjusted Year 2013 days of care is divided by 365 and then by 75 percent to arrive at the child/adolescent bed need in Year 2013, assuming 75 percent occupancy.
- Step 4: The number of existing child/adolescent beds in the planning inventory is then subtracted from the bed need (from Step 3) in order to arrive at the Year 2013 unmet bed need for children and adolescents.

Part 2: Determining Projected Patient Days of Care and Bed Need for Adults

- Step 1: The estimated Year 2013 days of care for adults is determined by taking the actual Year 2009 days of care for the age group 18 and over, multiplying that number by the projected Year 2013 adult population and then dividing by the Year 2009 adult population.
- Step 2: The projected Year 2013 days of care is divided by 365 and then divided by 75 percent to arrive at the adult bed need in Year 2013, assuming 75 percent occupancy.
- Step 3: The number of existing adult beds in the planning inventory is then subtracted from the bed need (from Step 2) in order to arrive at the Year 2013 unmet bed need for adults.

Need Determination

Adult Psychiatric Inpatient Beds

Utilizing the standard methodology, it is determined that there is need for additional adult psychiatric inpatient beds in the following local management entity areas:

- Smoky Mountain: Alexander, Alleghany, Ashe, Avery, Caldwell, Cherokee, Clay, Graham, Haywood, Jackson, McDowell, Macon, Swain, Watauga, and Wilkes counties
- Pathways: Cleveland, Gaston and Lincoln counties
- Mecklenburg County
- Five County: Vance, Granville, Franklin, Warren, and Halifax counties
- Wake County
- Onslow-Carteret: Onslow and Carteret counties

It is determined that there is no need for additional adult psychiatric inpatient beds anywhere else in the state.

Child/Adolescent Psychiatric Inpatient Beds

Utilizing the standard methodology, it is determined that there is need for additional child/adolescent psychiatric inpatient beds in the following local management entity areas:

- Smoky Mountain: Alexander, Alleghany, Ashe, Avery, Caldwell, Cherokee, Clay, Graham, Haywood, Jackson, McDowell, Macon, Swain, Watauga, and Wilkes counties
- Mental Health Partners: Catawba and Burke counties
- Piedmont: Cabarrus, Davidson, Rowan, Stanly, and Union counties
- Crossroads: Surry, Iredell, and Yadkin counties
- Durham County
- Five County: Vance, Granville, Franklin, Warren, and Halifax counties
- Sandhills: Anson, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, and Richmond counties
- Southeastern Regional: Robeson, Bladen, Columbus, and Scotland counties
- Cumberland County
- Johnston County
- Southeastern Center: New Hanover, Brunswick, and Pender counties
- Beacon Center: Edgecombe, Nash, Wilson and Greene counties
- East Carolina Behavioral Health: Beaufort, Bertie, Camden, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, Northampton, Pamlico, Pasquotank, Perquimans, Pitt, Tyrrell and Washington counties
- Eastpointe: Duplin, Lenoir, Sampson and Wayne counties

It is determined that there is no need for additional child/adolescent psychiatric inpatient beds anywhere else in the state.

Table 15A: Inventory Of Psychiatric Beds, Excluding State Hospitals

LOCAL				CON-APPR		LICENSED	LICENSED	CON-APPR	CON-APPR
MANAGEMENT			LICENSED	BEDS (NOT	TOTAL	BEDS FOR	BEDS FOR	ADULT	CHILD/ADOL
ENTITY	HOSPITAL	COUNTY	BEDS	LICENSED)	BEDS	ADULTS	CHILD/ADOL	BEDS	BEDS
Smoky	Charles A. Cannon Memorial/								
Mountain	Appalachian Behavioral Healthcare	Avery	10	6	16	10	0	6	0
	Haywood Regional Medical Center	Haywood	16	0	16	16	0	0	0
	Total for Smoky Mountain		26	6	32	26	0	6	0
Western	Mission-St. Joseph's Health System	Buncombe	57	0	57	40	17	0	0
Highlands	Pardee Memorial Hospital	Henderson	21	0	21	21	0	0	0
8	Park Ridge Hospital	Henderson	41	0	41	41	0	0	0
	Rutherford Hospital	Rutherford	14	0	14	14	0	0	0
	St. Luke's Hospital	Polk	10	0	10	10	0	0	0
	Total for Western Highlands		143	0	143	126	17	0	0
Pathways	Kings Mountain Hospital	Cleveland	14	0	14	14	0	0	0
	Gaston Memorial Hospital	Gaston	63		63				0
	Total for Pathways		77	0	77	50	27	0	0
Mental Health	Grace Hospital	Burke	22	0	22	22	0	0	0
Partners	Frye Regional Medical Center	Catawba	84		84		0	0	0
	Catawba Valley Medical Center	Catawba	38	0	38	38	0	0	0
	Total for Mental Health Partners		144	0	144	144			0
Mecklenburg	Presbyterian Hospital	Mecklenburg	60	0	60	40	20	0	0
	Carolinas Medical Center (Behavioral								
	Health Center CMC Randolph)	Mecklenburg	66	0	66	44	22	0	0
	Total for Mecklenburg	Wicekichburg	126		126			0	0
Piedmont	Stanly Regional Medical Center	Stanly	120	0	120		0		ŭ
1 icamont	CMC-Northeast Medical Center	Cabarrus	10	0	10			·	·
		Cuburrus	10	Ü	10	10			Ŭ
	Rowan Regional Medical Center								
	(Lifeworks Behavioral Health Services)	Rowan	20	0	20		0	0	0
	Thomasville Medical Center	Davidson	26		33			7	0
	Total for Piedmont		68	7	75		0	7	0
Crossroads	Davis Regional Medical Ctr.	Iredell	16		16			0	0
	Total for Crossroads		16		16			v	0
CenterPoint	N.C. Baptist Hospitals	Forsyth	44		44		20	0	0
	Forsyth Memorial Hospital	Forsyth	80		80			Ü	Ü
	Old Vineyard Youth Services	Forsyth	46		96		. 0		
	Total for CenterPoint		170	50	220	104	66	50	0

Table 15A: Inventory Of Psychiatric Beds, Excluding State Hospitals

LOCAL				CON-APPR		LICENSED	LICENSED	CON-APPR	CON-APPR
MANAGEMENT			LICENSED	BEDS (NOT	TOTAL	BEDS FOR	BEDS FOR	ADULT	CHILD/ADOL
ENTITY	HOSPITAL	COUNTY	BEDS	LICENSED)	BEDS	ADULTS	CHILD/ADOL	BEDS	BEDS
A - C	Alamance Regional Medical Ctr.	Alamance	44		44			0	0
	Total for A - C		44		44			0	0
Guilford	High Point Regional	Guilford	24	0	24	24	0	0	0
	Moses Cone Health System (Behavioral								
	Health Center)	Guilford	80	0	80		30		0
	Total for Guilford		104		104				0
OPC	UNC Hospitals	Orange	76		76				0
	Total for OPC		76		76		18	0	0
Durham	Durham Regional Hospital	Durham	23	0	23		0	0	0
	Duke University Medical Center	Durham	19		19		0	0	0
	Total for Durham		42				0	0	0
Five County	Halifax Regional Medical Center	Halifax	20	0	20	20	0	0	0
	Total for Five County		20	0	20	20	0	0	0
Sandhills	Sandhills Regional Medical Center	Richmond	10	0	10	10	0	0	0
	FirstHealth Moore Regional Hospital	Moore	36	0	36		0	0	0
	Good Hope Hospital	Harnett	0	16	16		Ů	16	0
	Central Carolina Hospital	Lee	10		10			Ü	Ÿ
	Total for Sandhills		56	16			0	16	0
Southeastern	Southeastern Regional Medical Center	Robeson	33		33			0	0
Regional	Total for Southeastern Regional		33	0	33	33	0	0	0
Cumberland	Cape Fear Valley Medical Center	Cumberland	28	0	28	28	0	0	C
	Total for Cumberland		28	0	28	28	0	0	0
Johnston	Johnston Memorial Hospital	Johnston	20		20			0	0
	Total for Johnston		20	0	20	20	0	0	0
Wake	Holly Hill Hospital	Wake	124	16	140		70	14	2
	Total for Wake		124	16	140	54	70	14	2
Southeastern	New Hanover Regional Medical Center	New Hanover	62	0	62	62	0	0	0
Center	Total for Southeastern Center		62	0	62	62	0	0	0
	Brynn Marr Behavorial Health System	Onslow	30	12	42	10	20	12	0
	Total for Onslow-Carteret		30		42				

Table 15A: Inventory Of Psychiatric Beds, Excluding State Hospitals

LOCAL				CON-APPR		LICENSED	LICENSED	CON-APPR	CON-APPR
MANAGEMENT			LICENSED	BEDS (NOT	TOTAL	BEDS FOR	BEDS FOR	ADULT	CHILD/ADOL
ENTITY	HOSPITAL	COUNTY	BEDS	LICENSED)	BEDS	ADULTS	CHILD/ADOL	BEDS	BEDS
Beacon Center	Wilson Medical Center	Wilson	23	0	23	23	0	0	0
	Nash General Hospital	Nash	44	0	44	44	0	0	0
	Total for Beacon Center		67	0	67	67	0	0	0
East Carolina	CarolinaEast Medical Center	Craven	23	0	23	23	0	0	0
Behavioral	Roanoke-Chowan Hospital	Hertford	28	0	28	28	0	0	0
Health*	Pitt County Memorial Hospital	Pitt	52	0	52	52	0	0	0
	Beaufort County Medical Center	Beaufort	22	0	22	22	0	0	0
	Total for East Carolina Beh. Health		125	0	125	125	0	0	0
Eastpointe	Duplin General Hospital	Duplin	25	0	25	25	0	0	0
	Wayne Memorial Hospital	Wayne	61	0	61	61	0	0	0
	Total for Eastpointe		86	0	86	86	0	0	0
	STATE TOTALS		1,687	107	1,794	1,389	298	105	2

	Table				d By Local Manag ychiatric Bed Nee	ement Entity (LMI	E)		
A	В	C Part 1. P	D D	E E	F F	G G	Н	1	
Local Management Entity (LME)	2009 <18 Days of Care	2009 <18 Population	2013 <18 Population Projected	2013: <18 Projected Days of Care (B x D)÷C	2013 Adjusted Days of Care (E- 20%E)	<18 Number of Beds Needed (F ÷ 365)	<18 Total Beds needed (G/75%)	Psychiatric Bed Inventory Child/Adolescent	Child/Adolescent Bed Need (Surplus/Deficit (I-H) (Deficits are Shown as Minuses)
Smoky Mountain: Alexander, Alleghany, Ashe, Avery, Caldwell, Cherokee, Clay, Graham, Haywood, Jackson, McDowell, Macon, Swain, Watauga, Wilkes	2,152	104,152	105,437	2,179	1,743	5	6	0	-6
Western Highlands: Buncombe, Henderson, Madison, Mitchell, Polk, Rutherford, Transylvania, Yancey Pathways: Cleveland, Gaston, Lincoln	2,846 2,103	103,519 89,851	106,545 91,641	2,929 2,145	2,343 1,716	<u>6</u>	9	17 27	
Mental Health Partners:Catawba, Burke	1,016	56,425	57,160	1,029	823	2	3	0	-3
Mecklenburg	7,272	227,687	243,711	7,784	6,227	17	23	42	19
Piedmont: Cabarrus, Davidson, Rowan, Stanly, Union	2,877	181,383	190,676	3,024	2,420	7	9	0	-9
Crossroads: Surry, Iredell, Yadkin	1,150	64,080	65,001	1,167	933	3	3		-3
CenterPoint: Forsyth, Stokes, Davie, Rockingham	2,725	124,985	129,767	2,829	2,263	6	8	66	58
A - C: Alamance, Caswell	804	39,509	40,837	831	665	2	2	8	6
Guilford	2,068	111,017	116,059	2,162	1,730	5	6	30	24
OPC: Orange, Person, Chatham	1,634	45,859	47,258	1,684	1,347	4	5	18	
Durham	1,683	64,867	71,780	1,862	1,490	4	5	0	-5
Five County: Vance, Granville, Franklin, Warren, Halifax	1,446	54,924	54,690	1,440	1,152	3	4	0	-4
Sandhills: Anson, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	2,454	133,189	139,378	2,568	2,054	6	8	0	-8
Southeastern Regional: Robeson, Bladen, Columbus, Scotland	1,300	68,135	68,893	1,314	1,052	3	4	0	-4
Cumberland	1,250	85,972	90,999	1,323	1,058	3	4	0	-4
Johnston	1,418	43,313	47,545	1,557	1,245	3	5		-5
Wake	7,170	219,183	242,183	7,922	6,338	17	23	72	49
Southeastern Center: New Hanover, Brunswick, Pender	1,972	68,548	72,266	2,079	1,663	5	6	0	-6
Onslow - Carteret	2,182	61,056	68,258	2,439	1,952	5	7	20	13
Beacon Center: Edgecombe, Nash, Wilson, Greene	1,359	60,807	61,703	1,379	1,103	3	4	0	-4
East Carolina Behavioral Health *: Beaufort, Bertie, Camden, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, Northampton, Pamlico, Pasquotank, Perquimans, Pitt, Tyrrell, Washington	2,960	133,881	137,592	3,042	2,434	7	9	0	-9
Eastpointe: Duplin, Lenoir, Sampson, Wayne	1,743	73,907	74,905	1,767	1,413	4	5	0	-5
CHILD/ADOLESCENT STATE TOTALS	53,584	2,216,249	2,324,284	56,455	45,164	124	165	300	

Table		•		eed By Local Ma iatric Bed Need	nagement Entity	(LME)		
J	K	L	M	N	0	P	Q	
LOCAL MANAGEMENT ENTITY (LME)	2009 18+ Days of Care	2009 18+ Population	2013 18+ Population Projected	2013: 18+ Projected Days of Care (K x M)÷L	Number of Beds Adults	Total Adult Beds Needed (O÷75%)	Adult Bed Inventory	Adult Bed (Surplus/Deficit) (Q-P) (Deficits are shown as Minuses)
Smoky Mountain:Alexander, Alleghany, Ashe, Avery, Caldwell, Cherokee, Clay, Graham, Haywood, Jackson, McDowell, Macon, Swain, Watauga, Wilkes	15,369	416,870	432,128	15,932	44	58	32	-26
Western Highlands:Buncombe, Henderson, Madison, Mitchell, Polk, Rutherford, Transylvania, Yancey	24,598	401,826	420,848	25,762	71	94	126	32
Pathways: Cleveland, Gaston, Lincoln	13,539	291,775	305,502	14,176	39	52	50	
Mental Health Partners:Catawba, Burke	12,842	190,278	198,737	13,413	37	49	144	95
Mecklenburg	23,674	666,758	710,911	25,242	69	92	84	-8
Piedmont: Cabarrus, Davidson, Rowan, Stanly, Union	15,679	549,868	593,537	16,924	46	62	75	13
Crossroads: Surry, Iredell, Yadkin	7,331	204,849	216,651	7,753	21	28	16	
2007 SMFP Need Determination for 12 Adult Beds							12	0
CenterPoint: Forsyth, Stokes, Davie, Rockingham	15,943	411,086	433,412	16,809	46	61	154	93
A - C: Alamance, Caswell	4,510	132,316	138,755	4,729	13	17	36	
Guilford	15,428	365,021	389,767	16,474	45	60	74	14
OPC: Orange, Person, Chatham	6,619	187,213	197,804	6,993	19	26	58	
Durham	6,988	201,322	216,433	7,513	21	27	42	15
Five County: Vance, Granville, Franklin, Warren, Halifax	10,853	180,446	186,253	11,202	31	41	20	-21
Sandhills: Anson, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	14,271	413,882	441,828	15,235	42	56	72	16
Southeastern Regional:Robeson, Bladen, Columbus, Scotland	7,441	188,249	192,093	7,593	21	28	33	5
Cumberland	4,917	235,149	244,946	5,122	14	19	28	
Johnston	4,186	124,940	142,227	4,765		17	20	
Wake	22,369	673,424	761,206	25,285	69	92	68	-24
Southeastern Center:New Hanover, Brunswick, Pender	9,836	285,793	309,063	10,637	29	39	62	23
Onslow - Carteret	7,617	183,115	190,673	7,931	22	29	22	-7
Beacon Center: Edgecombe, Nash, Wilson, Greene	9,798	187,757	195,313	10,192	28	37	67	30
East Carolina Behavioral Health *Beaufort, Bertie, Camden, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, Northampton, Pamlico, Pasquotank, Perquimans, Pitt, Tyrrell, Washington	25,392	455,438	467,668	26,074	71	95	125	30
Eastpointe: Duplin, Lenoir, Sampson, Wayne	11,569	218,986	222,493	11,754	32	43	86	43
ADULT STATE TOTALS	290,769	7,166,361	7,608,248	307,511	842	1,123	1,506	

Table 15C (1): 2013 Adult Psychiatric Inpatient Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the counties listed in the table below need additional adult psychiatric inpatient beds as specified.

Local Management Entity (LME) and Counties	HSA	Adult Psychiatric Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Smoky Mountain: Alexander, Alleghany, Ashe, Avery, Caldwell, Cherokee, Clay, Graham, Haywood, Jackson, McDowell, Macon, Swain, Watauga, Wilkes	I	26	March 15, 2011	April 1, 2011
Pathways: Cleveland, Gaston, Lincoln	I, III	2	March 15, 2011	April 1, 2011
Mecklenburg	III	8	March 15, 2011	April 1, 2011
Five County: Vance, Granville, Franklin, Warren, Halifax	IV, VI	21	April 15, 2011	May 1, 2011
Wake	IV	24	April 15, 2011	May 1, 2011
Onslow-Carteret	VI	7	April 15, 2011	May 1, 2011

It is determined that there is no need for additional adult psychiatric inpatient beds anywhere else in the state and no other reviews are scheduled.

^{*} Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).

^{**} Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).

Table 15C (2): 2013 Child/Adolescent Psychiatric Inpatient Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the counties listed in the table below need additional child/adolescent psychiatric inpatient beds as specified.

Local Management Entity (LME) and Counties	HSA	Child/Adolescent Psychiatric Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Smoky Mountain: Alexander, Alleghany, Ashe, Avery, Caldwell, Cherokee, Clay, Graham, Haywood, Jackson, McDowell, Macon, Swain, Watauga, Wilkes	I	6	March 15, 2011	April 1, 2011
Mental Health Partners: Catawba, Burke	I	3	May 16, 2011	June 1, 2011
Piedmont: Cabarrus, Davidson, Rowan, Stanly, Union	II, III	9	May 16, 2011	June 1, 2011
Crossroads: Surry, Iredell, Yadkin	II, III	3	May 16, 2011	June 1, 2011
Durham	IV	5	April 15, 2011	May 1, 2011
Five County: Vance, Granville, Franklin, Warren, Halifax	IV, VI	4	April 15, 2011	May 1, 2011
Sandhills: Anson, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	II, IV, V	8	June 15, 2011	July 1, 2011
Southeastern Regional: Robeson, Bladen, Columbus, Scotland	V	4	June 15, 2011	July 1, 2011
Cumberland	V	4	April 15, 2011	May 1, 2011
Johnston	IV	5	August 15, 2011	September 1, 2011
Southeastern Center: New Hanover, Brunswick, Pender	V	6	August 15, 2011	September 1, 2011
Beacon Center: Edgecombe, Nash, Wilson, Greene	VI	4	August 15, 2011	September 1, 2011
East Carolina Behavioral Health: Beaufort, Bertie, Camden, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, Northampton, Pamlico, Pasquotank, Perquimans, Pitt, Tyrrell, Washington	VI	9	August 15, 2011	September 1, 2011
Eastpointe: Duplin, Lenoir, Sampson, Wayne	V, VI	5	August 15, 2011	September 1, 2011

It is determined that there is no need for additional child/adolescent psychiatric inpatient beds anywhere else in the state and no other reviews are scheduled.

^{*} Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).

^{**} Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).

Chapter 16:

Substance Abuse Inpatient and Residential Services (Chemical Dependency Treatment Beds)

CHAPTER 16 SUBSTANCE ABUSE INPATIENT AND RESIDENTIAL SERVICES (CHEMICAL DEPENDENCY TREATMENT BEDS)

Summary of Bed Supply and Utilization

Three state-owned Alcohol and Drug Abuse Treatment Centers (ADATCs) provide Chemical Dependency (Substance Abuse) detoxification and treatment services with a total of 240 beds (located in Black Mountain, Buncombe County; Butner, Granville County; and Greenville, Pitt County). The non-state facilities which also provide these services include 16 specialty and acute care hospitals and 15 residential treatment centers.

Changes from the Previous Plan

No substantive changes in basic principles and methodologies have been recommended for the North Carolina <u>2011 State Medical Facilities Plan</u>. Throughout the chapter, data have been revised to reflect services provided during fiscal year 2008-2009, and dates have been advanced by one year, where appropriate. The base year is changed to 2009 and the base year utilization data is applied to Year 2013 population estimates.

Basic Principles

Services for people who are substance abusers should be organized in such a way that a continuum of care is available. Because their needs vary greatly, substance abusers require access to a wide array of services including outpatient treatment, housing resources, day treatment services, residential treatment services and hospitalization. For most individuals in acute distress, admission to a community-based facility is preferable to admission to a regional, state-operated facility because community-based treatment provides greater potential for reintegration into the community. The role of state facilities is to complement and supplement the community mental health system. State facilities should be the treatment setting of last resort and should provide services that cannot be economically provided in the community. Development of community programs may be accomplished through establishing appropriate treatment programs and support services in the community. This avoids institutionalization of individuals in acute distress and allows relocating people from state facilities to community programs to the extent appropriate services are developed in the community. Adolescents should receive substance abuse treatment services that are distinct from services provided to adults.

It is essential that a continuum of services be available for the treatment of substance abuse. Physical withdrawal from addicting substance(s) is accomplished through detoxification services. Hospitalization shall be considered the most restrictive form of therapeutic intervention or treatment and shall be used only when this level of 24-hour care and supervision is required to meet the patient's health care needs. Following detoxification, the individual should receive addiction-related services addressing his/her physical, emotional, psychological and social needs.

Also, individuals should have access to a continuum of appropriate services including periodic, day/night and residential/inpatient services. Support services (e.g., Alcoholics and Narcotics Anonymous, vocational rehabilitation) that help the individual remain in control of his/her life and prevent the possibility of relapse should also be available.

The 2003 Session of the General Assembly of North Carolina approved Session Law 2003-390, House Bill 815, which stated that it was:

"An act to amend the definition of chemical dependency treatment facility to provide that social setting detoxification facilities and medical detoxification facilities are not chemical dependency treatment facilities for the purposes of Certificate of Need requirements and to amend the definition of chemical dependency treatment bed to provide that beds licensed for detoxification are not chemical dependency treatment beds for the purposes of Certificate of Need requirements; and to provide that social setting detoxification facilities and medical detoxification facilities shall not deny admission or treatment to an individual on the basis of the individual's inability to pay."

In response to House Bill 815, the detoxification-only beds for residential facilities were removed from the inventory in this chapter. Licenses for acute care hospitals were revised to change the existing licensed medical detoxification beds to licensed chemical dependency/substance abuse treatment beds. See DFS Advisory in Appendix E.

Basic Assumptions of the Methodology

- 1. Children and adolescents require treatment in units that are programmatically and physically distinct from adult patient units.
- 2. Target occupancy of substance abuse treatment units in hospitals and residential facilities is considered to be 85 percent.
- 3. Bed need is projected two years in advance because that amount of time may be required to bring a needed facility or expansion into service. Need in the North Carolina 2011 State Medical Facilities Plan is projected for Year 2013.

Changes from the Previous Plan

One substantive change to the Substance Abuse Inpatient and Residential Services Inventory Tables has been incorporated into the <u>2011 North Carolina State Medical Facilities Plan</u>. The incorporated change does not affect number of operational beds, policies, assumptions or methodology.

Table 16A: Inventory of Chemical Dependency (Substance Abuse) Beds, Excluding State Facilities and Table 16B: Projection of Chemical Dependency (Substance Abuse) Treatment Bed Need By Mental Health Planning Region, have been updated to reflect Local Management Entity (LME) Coverage Area changes, with Albemarle LME merging with East Carolina Behavioral Health LME.

Sources of Data

Number of Licensed Beds in Hospitals and Residential Facilities: North Carolina Department of Health and Human Services, Division of Health Service Regulation, Mental Health Licensure Section; Acute Care and Home Care Licensure Section.

Number of beds with Certificate of Need approval but not yet licensed: North Carolina Department of Health and Human Services, Division of Health Service Regulation, Certificate of Need Section.

Number of Beds in State-Owned Facilities:

North Carolina Department of Health and Human Services, Division of Mental Health, Developmental Disabilities and Substance Abuse Services.

Population Data:

North Carolina Office of State Budget and Management.

Utilization Data:

Thomson Reuters collected data for the period from October 2008 through September 2009 from hospital providers, and the Cecil G. Sheps Center for Health Services Research at the University of North Carolina at Chapel Hill distilled the data down to the individual counties.

Methodology for Determining Chemical Dependency (Substance Abuse) Treatment Bed Need

The methodology is based on 2009 hospital utilization data obtained from Thomson Reuters, a collector of hospital patient discharge information. Data reflecting utilization of chemical dependency (substance abuse) residential treatment facilities in 2009 were derived from the "2010 Substance Abuse Residential Facilities Data Collection Form" as submitted to the North Carolina Division of Health Service Regulation. The data that are collected and calculated include the number of discharges, days of care, and average lengths of stay for all substance abuse patients by their county of residence and age group, for a one-year time period.

Application of the Methodology

A chemical dependency treatment bed's service area is the mental health planning region in which the bed is located. The local management entities comprising the four mental health planning regions are listed in Table 16B. The counties comprising each of the 23 local management entity catchment areas for mental health, developmental disabilities, and substance abuse services are listed in Table 15B. Each step explained below is applied individually to the 23 mental health local management entities, and then bed surpluses/deficits in the local management entities are combined to arrive at the total surpluses/deficits for the four mental health planning regions. Treatment utilization data from acute care and specialty hospitals and from residential treatment facilities were incorporated into the methodology.

Part 1: Determining Projected Patient Days of Care and Total Bed Need

- Step 1: The estimated Year 2013 days of care for all age groups is determined by taking the actual Year 2009 days of care, multiplying that number by the projected Year 2013 population and then dividing by the Year 2009 population.
- Step 2: The Year 2013 days of care is divided by 365 and then by 85 percent to arrive at the total bed need in Year 2013, assuming an 85 percent occupancy. Eighty-five percent has been determined to be the target occupancy rate for chemical dependency (substance abuse) treatment beds in hospitals and residential treatment facilities.

Part 2: Determining Projected Unmet Bed Need for Children and Adolescents and for Adults

- Step 1: The number of existing beds in the planning inventory is then subtracted from the total bed need (from Part 1, Step 2) in order to arrive at the Year 2013 *unmet* bed need for all age groups ("total bed surplus/deficit").
- Step 2: Nine percent of the total bed need is subtracted as the estimated Year 2013 bed need for children and adolescents, based on utilization patterns reflected in past data (nine percent of the days of stay were for children and adolescents).
- Step 3: The child/adolescent planning inventory is subtracted from the child/adolescent bed need (from Part 2, Step 2) to arrive at the Year 2013 child/adolescent <u>unmet bed need</u>.
- Step 4: The adult bed need is then calculated by subtracting the child/adolescent bed "surplus/deficit" from the total bed "surplus/deficit."

Need Determination for Adult Chemical Dependency (Substance Abuse) Treatment Beds (for Review in 2011)

Through the standard methodology, it is determined that there is no need for any additional adult chemical dependency (substance abuse) treatment beds (inpatient or residential) anywhere in the state.

Need Determination for Child/Adolescent Chemical Dependency (Substance Abuse) Treatment Beds (for Review in 2011)

Through the standard methodology, there is a need determination for 11 child/adolescent chemical dependency (substance abuse) treatment beds for the Western Mental Health Planning Region, 10 child/adolescent chemical dependency (substance abuse) treatment beds for the South Central Mental Health Planning Region, and 2 child/adolescent chemical dependency (substance abuse) treatment beds for the Eastern Mental Health Planning Region. However, the need determination shall be initially limited for development of only residential chemical dependency

treatment beds and not hospital-based inpatient chemical dependency treatment beds. If no certificate of need applications are received for the need determination in the scheduled review period, the need determination shall be reallocated in accordance with Policy GEN-1 and revised to permit development of either residential or hospital-based chemical dependency treatment beds. It is determined that there is no need for any additional child/adolescent chemical dependency (substance abuse) treatment beds (residential or inpatient) anywhere else in the state. The need determination is indicated in Table 16C.

Table 16A: Inventory of Chemical Dependency (Substance Abuse) Beds, Excluding State Facilities

LME	FACILITY NAME	TYPE	TTCA	COLINEX	1	DETO	V/TDE	TATELE DEDC	DETOX	/TDE A TO	MENT BEDS:	DETOX/EI	TE A TEN AT	ENT DEDC		ETOV	ONLY BEDS	,
LNE	FACILITY NAME	IYPE	HSA	COUNTY	TOTAL			ATMENT BEDS:	DETOX			DETOX/TE				EIUA	ONLY BEDS	,
					TOTAL		TOTA		momer	ADULT			DLESC		momit		GOLL LEDE	DED 6
					ALL	TOTAL	LIC.	CON APPR	TOTAL	LIC.	CON APPR	TOTAL	LIC.	CON APPR	TOTAL	LIC.	CON APPR	BEDS
					BEDS		BEDS	NOT YET	APPR.	BEDS	NOT YET	APPR.	BEDS	NOT YET		BEDS		UNDER
						+LIC.		LICENSED	+LIC.		LICENSED	+LIC.		LICENSED	LIC.+REW.		LICENSED	REVIEW
	Robert Swain Recovery Center	R	I	Buncombe	22	22	22	0	16	16	0	6	6	0	0	0	0	0
	Transylvania Community Hospital	H	I	Transylvania	40	40	40	0	40	40	0	0	0	0	0	0	0	0
Western	Pavillon International	R	I	Polk	46	46	46	0	46	46	0	0	0	0	0	0	0	0
Highlands	Synergy Recovery	R	I	Wilkes	4	4	4	0	4	4	0	0	0	0	0	0	0	0
	TOTAL FOR WESTERN																	
	HIGHLANDS				112	112	112	0	106	106	0	6	6	0	0	0	0	0
	Kings Mountain Hospital	Н	I	Cleveland	0	0	0	0	6	6	0	0	0	0	0	0	0	0
Pathways	The Recovery Center	R	I	Gaston	6	6	6	0	6	6	0	0	0	0	0	0	0	0
	TOTAL FOR PATHWAYS				12	12	12	0	12	12	0	0	0	0	0	0	0	0
Mental	Frye Regional Med. Ctr.	Н	I	Catawba	16	16	16	0		16	0	0	0	0	0	0	0	0
Health	TOTAL FOR MENTAL HEALTH		•	Cutation	10		10	· ·	10	10	· ·	Ü	Ŭ	Ü			Ü	
Partners	PARTNERS				16	16	16	0	16	16	0	0	0	0	0	0	0	0
1 artifers	McLeod Addictive Disease Center	R	III	Mecklenburg	36	36	36	0	36	36	0	0	0	0	0	0	0	0
Mecklen-	Mercy Hospital	Н	III	Mecklenburg	11	11	11	0	11	11	0	0	0	0	0	0	0	0
burg	, i	R	III	Mecklenburg	32		32	0	32	32	0	0	0	0	0	0	0	0
burg	Mecklenburg County SAS Center TOTAL FOR MECKLENBURG	K	111	Mecklenburg	79	32	32 79	0	79	79	0	0	0	0	0	0	0	0
	TOTAL FOR MECKLENBURG				79	79	79	U	79	79	U	U	0	0	0	0	U	U
	Behavioral Health Center-First Step	R	III	Union	16	16	16	0	16	16	0	0	0	0	0	0	0	0
	Rowan Regional Medical Center	Н	III	Rowan	15	15	15	0	15	15	0	0	0	0	0	0	0	0
Piedmont	Path of Hope, Men's Division	R	II	Davidson	12	12	12	0	12	12	0	0	0	0	0	0	0	0
	Path of Hope, Women's Division	R	II	Davidson	6	6	6	0	6	6	0	0	0	0	0	0	0	0
	TOTAL FOR PIEDMONT			Davidson	49	49	49	Ô	49	49	0	0	Ô	0	هُ ا	Ô	0	٥
	Hope Valley, Inc. (Women)	R	II	Surry	8	8	8	0	8	8	0	0	0	0	0	0	0	0
Crossroads	Hope Valley, Inc. (Wolliel)	R		Surry	22	22	22	0	22	22	0	0	0	0	0	0	0	0
Crossroads	TOTAL FOR CROSSROADS	K	11	Surry	30	30	30	0	30	30	0	0	0	0	0	0	0	٥
	Old Vineyard Youth Services	Н	TT	Forsyth	0	0	90	0	0	0	0	0	0	0	0	0	0	0
Conton	Old villeyard Foulif Services	п	II	roisym	0	0	٥	U	U	U	U	0	0	U	0	U	0	U
Center-	1 1 1 2 B G 1 1 2	ъ.	**	D 4	2.0	2.0	2.5	0	2.0	2.5	0							
Point	Addiction Recovery Care Association	R	II	Forsyth	36	36	36	0	36	36	0	0	0	0	0	0	0	0
	TOTAL FOR CENTERPOINT				44	44	44	0	36	36	0	8	8	0	0	0	0	0
A-C	Alamance Regional Medical Center	H	II	Alamance	12	12	12	0	0	0	0	12	12	0	0	0	0	0
	TOTAL FOR A-C				12	12	12	0	0	0	0	12	12	0	0	0	0	0
	High Point Regional Hospital	Н		Guilford	23	23	23		23	23	0	0	0	0	0	0	0	0
	Fellowship Hall	Н	II	Guilford	60	54	54	0	54	54	0	0	0	0	6	6	0	0
Guilford	The Guilford County Substance Abuse																	
	Treatment Center	R	II	Guilford	40	40	40	0	40	40	0	0	0	0	0	0	0	0
	TOTAL FOR GUILFORD				123	117	117	0	117	117	0	0	0	0	6	6	0	0
G 11:11	FirstHealth Moore Regional Hospital	Н	V	Moore	14	14	14	0	14	14	0	0	0	0	0	0	0	0
Sandhills	Samaritan Colony	R	V	Richmond	12	12	12	0	12	12	0	0	0	0	0	0	0	0
	TOTAL FOR SANDHILLS				26	26	26	0	26	26	0	Ô	ő	0	ő	ñ	Ô	ő
Cumber-	Cape Fear Valley Medical Center	Н	V	Cumberland	4	4	4	0	4	4	0	0	0	0	0	0	0	0
land	TOTAL FOR CUMBERLAND		•	- mino crimina	4	4	4	n	4	4	n	n	n	0	Ŏ	n	ľ	ام
Iuliu	Day-by-Day Treatment Center	R	IV	Johnston	17	17	17	0	17	17	0	0	0	0	0	0	0	0
Johnston	TOTAL FOR JOHNSTON	IV.	1 4	Johnston	17	17 17	17	0	17	17	0	n	0	0	0	n	l 0	0
L	TOTAL FOR JOHNSTON			!	1/	1/	1/	U	17	1/	U	U	U	U	U	U	U	U

Table 16A: Inventory of Chemical Dependency (Substance Abuse) Beds, Excluding State Facilities

LME	FACILITY NAME	TYPE	HSA	COUNTY		DETO		ATMENT BEDS:	_		MENT BEDS:			ENT BEDS:	I	DETOX	ONLY BEDS	3
					TOTAL		TOTAL		ADULT			ADOLESCENT						
					ALL	TOTAL	LIC.	CON APPR	TOTAL	LIC.	CON APPR	TOTAL	LIC.	CON APPR	TOTAL	LIC.	CON APPR	BEDS
					BEDS	APPR.	BEDS	NOT YET	APPR.	BEDS	NOT YET	APPR.	BEDS	NOT YET	APPR. +	BEDS	NOT YET	UNDER
						+LIC.		LICENSED	+LIC.		LICENSED	+LIC.		LICENSED	LIC.+REW.		LICENSED	REVIEW
	Holly Hill Hospital	H	IV	Wake	28	20	20	0	20	20	0	0	0	0	8	8	0	0
Wake	Wake Co. Alcoholism Treatment																	
wake	Center	H	IV	Wake	34	26	26	0	26	26	0	0	0	0	8	8	0	0
	TOTAL FOR WAKE				62	46	46	0	46	46	0	0	0	0	16	16	0	0
South-	Wilmington Treatment Center	H	V	New Hanover	44	44	44	0	44	44	0	0	0	0	0	0	0	0
eastern	TOTAL FOR SOUTHEASTERN																	
Center	CENTER				44	44	44	0	44	44	0	0	0	0	0	0	0	0
Onslow-	Brynn Marr Behavorial Health System	H	VI	Onslow	12	8	8	0	8	8	0	0	0	0	4	4	0	0
Carteret	TOTAL FOR ONSLOW-																	
	CARTERET				12	8	8	0	8	8	0	0	0	0	4	4	0	0
Beacon	Nash General Hospital	H	VI	Nash	16	16	16		16	16	0	0	0	0	0	0	0	0
Center	TOTAL FOR BEACON CENTER				16	16	16	0	16	16	0	0	0	0	0	0	0	0
	STATE TOTALS				658	632	632	0	606	606	0	26	26	0	26	26	0	0

NOTE: The Following LME's lack any beds within their jurisdiction; Smoky Mountain, OPC, Durham, Five County, Southeastern Regional, ECBH & Eastpointe.

NOTE: Albemarle LME has merged with East Carolina Behavioral Health LME, (ECBH).

Table 16B: 2013 Projection of Chemical Dependency (Substance Abuse) Treatment Bed Need By Mental Health Planning Region

Table 16B: 2013 Projection of Chemical Dependency (Substance Abuse) Treatment Bed Need By Mental Health Planning Region														
A	В	С	D	E	F	G	Н	I	J	K	L	M	N	0
								TOTAL BED			CHILD/ADOL.	ADULT		<u> </u>
				2013				SURPLUS/DEFICIT			BED NEED	BED NEED	2011 Trea	atment Bed
LOCAL				PROJECTED		TOTAL		(H - G)	CHILD/	CHILD/	(SURPLUS/	(SURPLUS/	Need Det	ermination
MANAGEMENT				DAYS OF	NUMBER	BEDS			ADOL.	ADOL.	DEFICIT)	DEFICIT)		
ENTITIES	DAYS OF	2009	PROJECTED 2013	CARE	OF BEDS	NEEDED	TOTAL BED	(Deficits are Shown as	BED NEED	BED	(K - J)	(I-L)	CHILD/	ł
	CARE 2009	POPULATION	POPULATION	(B x D) ÷ C	(E ÷ 365)	(F ÷ 85%)	INVENTORY	Minuses)	(G x9%)	INVENTORY	(Deficits are Sh	nown as Minuses)	ADOL	ADULT
Smoky Mountain	4,972	521,022	537,565	5,130	14	17	0	-17	1	0	-1	-16		
Western Highlands	6,501	505,345	527,393	6,785	19	22	112	90	2	6	4	86		İ
Pathways	4,381	381,626	397,143	4,559	12	15	12	-3	1	0	-1	-2		
														1
Mental Health Partners	3,340	246,703	255,897	3,464	9	11	16	5	1	0	-1	6		ł
Mecklenburg	23,936	894,445	954,622	25,546	70	82	79	-3	7	0	-7	4		i
Piedmont	12,320	731,251	784,213	13,212	36	43	49	6	4	0	-4	10		
WESTERN REGION	55,450	3,280,392	3,456,833	58,697	161	189	268	79	17	6	-11	90	11	NONE
Crossroads	2,583	268,929	281,652	2,705	7	9	30	21	1	0	-1	22		
CenterPoint	7,924	536,071	563,179	8,325	23	27	44	17	2	8	6	11		ł
A - C	1,253	171,825	179,592	1,310	4	4	12	8	0	12	12	-4		ł
Guilford	5,194	476,038	505,826	5,519	15	18	123	105	2	0	-2	107		ł
OPC	2,131	233,072	245,062	2,241	6	7	0	-7	1	0	-1	-6		ł
Durham	1,682	266,189	288,213	1,821	5	6	0	-6	1	0	-1	-5		ł
Five County	1,548	235,370	240,943	1,585	4	5	0	-5	0	0	0	-5		
NORTH CENTRAL REGION	22,315	2,187,494	2,304,467	23,505	64	201	209	133	7	20	13	120	NONE	NONE
Sandhills	10,153	547,071	581,206	10,787	30	35	26	-9	3	0	-3	-6		
Southeastern Regional	3,163	256,384	260,986	3,220	9	10	0	-10	1	0	-1	-9		
Cumberland	1,417	321,121	335,945	1,482	4	5	4	-1	0	0	0	-1		İ
Johnston	4,751	168,253	189,772	5,359	15	17	17	0	2	0	-2	2		İ
Wake	12,040	892,607	1,003,389	13,534	37	44	62	18	4	0	-4	22		<u> </u>
SOUTH CENTRAL REGION	31,524	2,185,436	2,371,298	34,382	94	111	109	-2	10	0	-10	8	10	NONE
Southeastern Center	2,638	354,341	381,329	2,839	8	9	44	35	1	0	-1	36		
Onslow - Carteret	634	244,171	258,931	672	2	2	12	10	0	0	0	10		l
Beacon Center	2,344	248,564	257,016	2,424	7	8	16	9	1	0	-1	9		l
East Carolina Behavioral	2,511	2.3,504	25.,010	2,727		0	10	0	1	0	-1	,		l
Health	1,713	589,319	605,260	1,759	5	6	0	-6	1	0	-1	-5		İ
Eastpointe	837	292,893	297,398	850	2	3	0	-3	0	0	0	-3		İ
EASTERN REGION	8,166	1,729,288	1,799,934	8,544	23	28	72	44	2	0	-2	46	2	NONE

NOTE: Albemarle LME has merged with East Carolina Behavioral Health LME.

Table 16C: 2013 Child/Adolescent Chemical Dependency Treatment Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2011)

It is determined that the counties listed in the table below need additional child/adolescent chemical dependency treatment beds as specified.

Mental Health Planning Region	HSA	Child/Adolescent Chemical Dependency Treatment Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Western Region	I, II, III	11	May 16, 2011	June 1, 2011
South Central	II, IV, V	10	June 15, 2011	July 1, 2011
Eastern Region	V, VI	2	June 15, 2011	July 1, 2011

It is determined that there is no need for additional child/adolescent chemical dependency treatment beds (inpatient or residential) anywhere else in the state.

Note: Initial need determinations are residential, unless reallocated at which time the need would be either for residential or inpatient treatment beds.

^{*} Need Determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).

^{**} Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (see Chapter 3).

Chapter 17: Intermediate Care Facilities for the Mentally Retarded

CHAPTER 17 INTERMEDIATE CARE FACILITIES FOR THE MENTALLY RETARDED

Background Information

Area mental health, developmental disabilities, and substance abuse authorities (G.S. 122C-117(a)(2)) have responsibility by law to ensure provision of services to people in need within their catchment areas. A certificate of need application for a new or expanded Intermediate Care Facility for the Mentally Retarded (ICF/MR) should contain written comments from the Local Management Entity (LME) of the area authority relative to its endorsement of the project and involvement in the development of a client admission/discharge agreement. The LMEs shall serve as the portals of entry and exit for the admission and discharge of clients in ICF/MR facilities (G.S. 122C-115.4) within the applicable Mental Health, Developmental Disabilities, and Substance Abuse Services (MH/DD/SAS) catchment areas. This involvement is essential to ensure that only clients in need of the intensive array of services provided in an ICF/MR program are admitted and served as close as possible to their own homes, and ensured coordination with services outside the facility.

The North Carolina Department of Health and Human Services is committed to the integration of people with mental retardation/developmental disabilities into community living to the fullest extent possible. Community-based alternatives are encouraged, particularly through the transfer of ICF/MR beds from state developmental centers. Other alternatives may include small, community-based, non-ICF/MR residential options as well as other sites through the Medicaid Waiver Community Alternatives Program (CAP)-MR/DD Program.

Facilities proposing to transfer ICF/MR beds from state developmental centers to communities shall demonstrate that they are committed to serving the same type of residents normally served in state operated developmental centers. To ensure that relocated beds will serve those people, any certificate of need application for beds allocated under the above policy must meet the requirements of Chapter 858 of the 1983 Session Laws. The application for transferred beds shall include a written agreement by the applicant with the following representatives which outlines the operational aspects of the bed transfers: director of the LME serving the county where the program is to be located; the director of the applicable state developmental center; the director of the North Carolina Division of State Operated Healthcare Facilities; and the Secretary of the North Carolina Department of Health and Human Services.

Alternatively, notwithstanding the requirements of Chapter 858 of the 1983 Session Laws, facilities proposing to operate transferred beds shall submit an application to the Certificate of Need Section demonstrating a commitment to serve children ages birth through six years who have severe to profound developmental disabilities and are medically fragile. To help ensure the relocated beds will serve these residents, such proposal shall include a written agreement with the following representatives: director of the LME serving the county where the program is to be located; the director of the applicable state developmental center; the director of the North Carolina Division of State Operated Healthcare Facilities; and the secretary of the North Carolina Department of Health and Human Services.

Also, in Chapter 4 of the North Carolina <u>2011 State Medical Facilities Plan</u> there is a corresponding policy titled: POLICY ICF/MR-1: TRANSFER OF ICF/MR BEDS FROM STATE OPERATED DEVELOPMENTAL CENTERS TO COMMUNITY FACILITIES FOR MEDICALLY FRAGILE CHILDREN. The policy allows for a certificate of need for a project that utilizes existing ICF-MR beds (currently certified in state operated facilities) by transferring these beds to community facilities without the transfer of clients.

In addition, there is a policy titled: POLICY ICF/MR-2: TRANSFER OF ICF/MR BEDS FROM STATE OPERATED DEVELOPMENTAL CENTERS TO COMMUNITY FACILITIES FOR INDIVIDUALS WHO CURRENTLY OCCUPY THE BEDS. The policy allows existing certified ICF/MR beds in state operated developmental centers to be transferred through the certificate of need process to establish ICF/MR group homes in the community to serve people with complex behavioral challenges and/or medical conditions for whom a community ICF/MR placement is appropriate, as determined by the individual's treatment team and with the individual/guardian being in favor of the placement.

Basic Principles

People with conditions other than mental retardation (such as autism, cerebral palsy, epilepsy or related conditions) may be appropriate for placement in an ICF/MR setting if they are in need of the services the program is certified to provide. In the development of services for this population, the full continuum of services should be explored to determine the most appropriate level of care for their needs.

Services for people who are developmentally disabled should be organized in such a way that a continuum of care is available. For most individuals, admission to a community-based facility is preferable to admission to a regional, state operated facility because community-based treatment provides greater potential for reintegration into the community. The role of state facilities is to complement and supplement the community mental health system. State facilities should be the treatment setting of last resort and should provide services that cannot be economically provided in the community. Development of community programs may be accomplished through establishing appropriate treatment programs and support services in the community to avoid institutionalization of individuals with developmental disabilities, and relocating people from state facilities to community programs to the extent appropriate services are developed in the community.

Summary of ICF/MR Bed Supply and Utilization

Intermediate Care Facilities for people who are Mentally Retarded or otherwise developmentally disabled is a category of group home care designated by the federal-state Medicaid program. A total of 5,144 certified ICF/MR beds are in operation. This total includes four state facilities and their 2,403 beds. The beds located in state facilities are excluded from the regular bed inventory because such facilities are not subject to the state's certificate of need law.

Other States' ICF/MR Bed Totals

The agency has surveyed the southeastern states that cover ICF/MR beds under their certificate of need statutes. The research found:

In the state of Tennessee, the legislature has capped the number of beds at 668. If the ratio of beds to population is calculated, it is the following:

$$5,368,198 \div 668 = 8,036$$
 people per bed

If North Carolina used the above methodology and used the same year population, it would be the following:

$$7,425,183 \div 8,036 = 924$$
 beds instead of 5,144 beds

In the state of Kentucky, the number of beds is capped at 1,208. There are not any plans to increase the number of beds. If the ratio of beds to population is calculated, it is the following:

$$3,908,124 \div 1,208 = 3,235$$
 people per bed

If North Carolina used the above methodology and used the same year population, it would be the following:

$$7,425,183 \div 3,235 = 2,295$$
 beds instead of 5,144 beds

In the state of South Carolina, the number of beds is 2,714. There are not any plans to increase the number of beds. If the ratio of beds to population is calculated, it is the following:

$$3,760,181 \div 2,714 = 1,385$$
 people per bed

If North Carolina used the above methodology and used the same year population, it would be the following:

$$7,425,183 \div 1,385 = 5,361$$
 beds instead of 5,144 beds

In the state of Virginia, the number of beds is 2,090. There are not any plans to increase the number of beds. If the ratio of beds to population is calculated, it is the following:

$$6,733,996 \div 2,090 = 3,222$$
 people per bed

If North Carolina used the above methodology and used the same year population, it would be the following:

$$7,425,183 \div 3,222 = 2,305$$
 beds instead of 5,144 beds

Comparison of North Carolina to Other States and Need Determination Methodology

If North Carolina used any of the individual state's ratios above or need methodologies (except for South Carolina's), the need for ICF/MR beds would indicate that the present number of 5,144 beds providing service in the state is an adequate number of beds.

If North Carolina used the average of the ratios for people per bed from the above four states, the need for ICF/MR beds would equal to 1,870 beds:

$$7,425,183 \div 3,970 = 1,870$$
 beds instead of 5,144 beds

In the publication <u>State of Tennessee's Health Guidelines for Growth</u>, it is stated that "the population-based estimate of the total need for ICF/MR facilities is .05 percent of the general population. This estimate is based on the estimate for all mental retardation of 1 percent. Of the 1 percent estimate, 5 percent of those are estimated to meet level 1 criteria and be appropriate for ICF/MR services."

If North Carolina used the .05 percent of its general Year 2010 population, the need for ICF/MR beds would equal to 4,760 beds:

$$9,519,300 \text{ x } .01 = 95,193 \text{ x } .05 = 4,760 \text{ beds instead of } 5,144 \text{ beds}$$

The North Carolina Division of Health Service Regulation's basic position continues to be that additional ICF/MR beds in North Carolina are in conflict with the experience and practice of surrounding states that indicate that North Carolina has a more than adequate number of ICF/MR beds in comparison to other southeastern states.

Need Determination for ICF/MR Beds

The service area for an ICF/MR bed is the catchment area for the LME for mental health, developmental disabilities, and substance abuse services in which the bed is located. LME catchment areas for mental health, developmental disabilities, and substance abuse services are listed in Table 17A: Inventory of ICF/MR Facilities and Beds. Regarding need determination for ICF/MR beds, through the standard methodology, it is determined that there is no need for additional ICF/MR beds anywhere in the state.

In accordance with the policy titled: POLICY ICF/MR-2: TRANSFER OF ICF/MR BEDS FROM STATE OPERATED DEVELOPMENTAL CENTERS TO COMMUNITY FACILITIES FOR INDIVIDUALS WHO CURRENTLY OCCUPY THE BEDS, a proposal was submitted by the North Carolina Division of MH/DD/SAS to facilitate the downsizing of the state operated developmental centers.

The proposal indicated that the North Carolina Division of MH/DD/SAS will transfer existing adult certified ICF/MR beds in state operated developmental centers through the certificate of need process to establish ICF/MR group homes in the community to serve people with complex behavioral challenges and /or medical conditions for whom a community ICF/MR

placement is appropriate, as determined by the individual's treatment team and with the individual/guardian being in favor of the placement.

The State Health Coordinating Council approved the proposal from the North Carolina Division of MH/DD/SAS to transfer 36 existing adult certified ICF/MR beds in state operated developmental centers through the certificate of need process to establish beds in Buncombe, Guilford, Mecklenburg, Wake, New Hanover and Pitt counties. The North Carolina 2008 State Medical Facilities Plan included a need determination for the transfer of the 36 beds.

Changes from the Previous Plan

A number of substantive changes to the ICF/MR Inventory Tables have been incorporated into the <u>2011 North Carolina State Medical Facilities Plan</u>. None of the incorporated changes affects number of operational beds, policies, assumptions or methodology.

Table 17A: Inventory of ICF/MR Facilities and Beds, has been updated to reflect Local Management Entity (LME) Coverage Area changes, with Albemarle LME merging with East Carolina Behavioral Health LME. Additionally, Thomas S. Inventory identification markers have been removed due to funding changes. Additional changes are CON Project Number and Certification Vendor Number Columns will no longer be published due to being historical data that do not affect need determinations, but will remain on file with the North Carolina Division of Health Service Regulation, Medical Facilities Planning Section and Certificate of Need Section.

The former Table 17B: Thomas S. Bed Inventory, has been deleted due to this funding source being no longer applicable to ICF/MR Inventory. The former Table 17C: Beds Excluded from ICF/MR Inventory, is now Table 17B: Beds Excluded from ICF/MR Inventory.

Sources of Data

ICF/MR Beds Operational:

North Carolina Department of Health and Human Services, Division of Health Service Regulation, Certification Section. North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services.

ICF/MR Beds Available:

North Carolina Department of Health and Human Services, Division of Health Service Regulation, Certificate of Need Section.

Table 17A: Inventory of ICF/MR Facilities and Beds

Local Management	Table 1/A: inventory of		Appro	ved, Not ertified	CON License	Total Beds	TOTAL BEDS (Appr.
Entity (LME) Smoky Mountain	Name of Provider	County	Child	Adult	Pending	Certif.	+ Cert.)
(Counties: Alexander,	Macon County Group Home	Macon				6	6
Alleghany, Ashe, Avery, Caldwell,	Iotla Street Group Home	Macon				6	6
Cherokee, Clay,	Haywood County Group Home	Haywood				5	5
Graham, Haywood,	Webster Group Home	Jackson				6	6
Jackson, McDowell, Macon, Swain,	Smoky ICF/MR Group Home	Jackson				6	6
Watauga, Wilkes)	New River Cottage, Inc	Alleghany				5	5
	Ridgecrest I Ridgecrest II	Ashe Ashe				6	6
	Thomas Street Home	Ashe				6	6
	VOCA-Blairfield Court	Wilkes				6	6
	VOCA-College Street VOCA-Kimsey	Wilkes Wilkes				6	6
	Lakewood	Wilkes				6	6
	Lewis Fork Homes I and II	Wilkes				12	12
	VOCA-Wellborn VOCA-Apple Valley	Wilkes Wilkes				6	6
	Wildcat Group Home	Watauga				15	15
	Litle River Group Home	Alexander				6	6
	VOCA Second Ave. Home	Alexander				6	6
	Ellendale Group Home	Alexander				6	6
	Creekside Group Home	Caldwell				6	6
	VOCA-Laurel Group Home	Caldwell				6	6
	Playmore Group Home	Caldwell				6	6
	Lower Creek Group Home	Caldwell				6	6
	Laurelwood Group Home	McDowell				6	6
	TOTAL SMOKY MOUNTAIN	1	0	0		163	163
Western Highlands (Counties:	Blue Ridge Homes	Buncombe				32	32
Buncombe, Henderson, Madison,	IWRC-Rose Street Home	Buncombe			7808-07	12	12
Mitchell, Polk, Rutherford,	IWRC-Azalea	Buncombe				6	6
Transylvania,	IWRC-Dogwood	Buncombe				6	6
Yancey)	New Stock Road Group Home Chiles Ave. Group Home	Buncombe Buncombe				6	6
	WNC Group Home-Kenmore	Buncombe				6	6
	Pisgah Group Home	Buncombe				6	6
	WNC Group Home-Montford	Buncombe				5	5
	Replacement Facility For Above WNC- Montford Group Home-Pending Completion	Buncombe		5	8194-08	0	5
	WNC Group Home-Ora	Buncombe				6	6
	RHA Howell/Asheville Group Home- (Buncombe County), Transferred Beds from State Developmental Center-Pending						
	Completion	Buncombe		6	8223-08	0	6
	Country Cove Group Home	Henderson				6	6
	Pinebrook Group Home	Henderson				6	6
	Rayside A & B	Henderson				10	10
	Blue Ridge Homes-Madison	Madison				32	32
	VOCA-Woodland VOCA-Rollins	Rutherford Rutherford				6	6
	Forest Bend Group Home	Transylvania				6	6
	TOTAL WESTERN HIGHLANDS		0	11		163	174

Table 17A: Inventory of ICF/MR Facilities and Beds

Local Management	Table 17A: Inventory of		Appro	ved, Not	CON License	Total Beds	TOTAL BEDS (Appr.
Entity (LME)	Name of Provider	County	Child	Adult	Pending	Certif.	+ Cert.)
Pathways	VOCA-Young Group Home	Cleveland				6	6
(Counties: Cleveland, Gaston, Lincoln)		Cleveland				6	6
	Replacement Facility For Above Wooding						
	Place Group Home-Pending Completion Franklin Group Home	Cleveland Gaston		6	7713-06	5	6 5
	Prankini Group Home	Gaston				3	3
	Belmont Group Home	Gaston				5	5
						_	_
	Meek Road Group Home	Gaston				5	5
	Cherryville ICF/MR Group Home	Gaston				5	5
	Holy Angels-McAuley Residences, (Children, Adolescents, Adults, Belhaven)	Gaston				48	48
	Adolescents, Adults, beliaven)	Gaston				46	48
	Springdale Lane Group Home	Gaston				5	5
	Mountain Ridge Group Home	Gaston				6	6
	Brookwood Home	Lincoln				6	6
	Brookwood Home	Lincom				-	
	Riverview Home	Lincoln				6	6
	Sunny Hill Group Home I	Lincoln				6	6
	Sunny Hill Group Home II	Lincoln				6	6
	Linoak Group Home	Lincoln				6	6
	TOTAL PATHWAYS	ı	0	6		121	127
Mental Health	Chesterfield Group Home	Burke				6	6
Partners	SCI-Burke ICF/MR Group Home	Burke				5	5
(Counties: Catawba,	Hartland Group Home	Burke				6	6
Burke)	Penny Lane 1	Catawba				6	6
	Penny Lane 2 Shannonbrook Home	Catawba				6	6
	23rd Street Home	Catawba Catawba				6	6
	Wendover Home	Catawba				6	6
	TOTAL MENTAL HEALTH PARTNERS		0	0		47	47
Maaldaahaaa	VOCA-Woodbridge Group Home	Mecklenburg				6	6
Mecklenburg	VOCA-Denbur Drive Group Home	Mecklenburg				6	6
	VOCA-Norwich Road Group Home	Mecklenburg				6	6
	VOCA-Mallard Drive	Mecklenburg	 			6	6
	Starnes Group Home Dalmoor Drive Group Home	Mecklenburg Mecklenburg				6	6
	Danisor Drive Group Home	Weekichburg					Ü
	Woodbend Group Home	Mecklenburg				6	6
	Replacement Facility For Above Woodbend Group Home-Pending Completion	Mecklenburg		6	7714-06	0	6
	Group Frome Foliating Completion	Wicelanding		Ŭ	771100		Ü
	Oak Street Group Home-St. Mark	Mecklenburg				6	6
	Tuckaseegee Group Home Flowe Drive Group Home	Mecklenburg Mecklenburg				5 6	5 6
	VOCA-Purser Group Home	Mecklenburg				6	6
	The state of the s					T T	
	VOCA-Wilson Ave Group Home	Mecklenburg				6	6
	VOCA-Harrisburg Road Group Home	Mecklenburg				6	6
	VOCA-Harrisburg Road Group Home VOCA-Oak Drive Group Home	Mecklenburg	1			6	6
	VOCA-St. John's Church Group Home	Mecklenburg				6	6
	VOCA- Simpson Drive Group Home	Mecklenburg				6	6
	VOCA-Freedom Drive Group Home	Mecklenburg				6	6
	VOCA-Oakhaven Drive Group Home	Mecklenburg				6	6
	VOCA-Sandburg Ave Group Home	Mecklenburg				6	6
	VOCA-Toddville Rd Group Home	Mecklenburg				6	6
	VOCA-(Mecklenburg Group Home)- Transferred Beds from State Developmental						
	Center-Pending Completion	Mecklenburg		6	8242-08	0	6

Table 17A: Inventory of ICF/MR Facilities and Beds

Table 17A: Inventory of ICF/MR Facilities and Beds									
Local Management Entity (LME)	Name of Provider	County		ved, Not ertified Adult	CON License Pending	Total Beds Certif.	TOTAL BEDS (Appr. + Cert.)		
	Mantle Court Group Home	Mecklenburg				6	6		
Mecklenburg, continued	Bon Rea Drive Group Home	Mecklenburg				5	5		
	RHA/Howell Care Center-Monroe Rd.	Mecklenburg				6	6		
	RHA/Howell Care Center-Lakeview Dr.	Mecklenburg				6	6		
	RHA/Howell Care Center-Burtonwood Circle	Mecklenburg				6	6		
	RHA/Howell Care Center-Shelburne Place	Mecklenburg				6	6		
	Gail B. Hanks Group Home	Mecklenburg				6	6		
	Ravendale Drive Group Home	Mecklenburg				6	6		
	Leaves Group Home	Mecklenburg				6	6		
	Heathcroft Group Home	Mecklenburg				6	6		
	TOTAL MECKLENBURG		0	12		178	190		
	RHA/Howell's Care Centers/Clear Creek	Cabarrus	-			120	120		
D: 1	P. (Clill C. (G 1				1.4	1.4		
Piedmont (Counties: Cabarrus,	Bost Children's Center Michigan Street Home	Cabarrus Cabarrus				14 5	14 5		
Davidson, Rowan,	Themgan birect Home	Cuourus					J		
Stanly, Union)	Christy Wood's Group Home	Cabarrus				5	5		
	Wilhelm Place Home	Cabarrus				5	5		
	Scotthurst #1	Davidson				6	6		
	Scotthurst #2	Davidson				6	6		
	Marie G. Smith Group Home	Stanly				6	6		
	Moss Springs Group Home #1	Stanly				5	5		
	Moss Springs Group Home #2	Stanly				6	6		
	Robert W. Thompson Group Home	Stanly				6	6		
	A. Jack Wall Group Home	Stanly				6	6		
	Carolina Farms Group Home #1	Stanly				5	5		
	Carolina Farms Group Home #2	Stanly				5	5		
	Carolina Farms Group Home #3	Stanly				5	5		
	Meadowview Home	Union				6	6		
	Karen Lane Home	Union				6	6		
	Ridgefield Home Laura Springs Road Home	Union Rowan				6	6		
	Myron Place Home	Rowan				6	6		
	Rockwell Homes #1 and #2	Rowan				12	12		
	Stone Ridge	Rowan				6	6		
	Smith Street Home	Rowan				6	6		
	TOTAL PIEDMONT	3	0	0		259	259		
Const.	Yadkin 1	Yadkin				6	6		
Crossroads (Counties: Iredell,	Yadkin 2 Yadkin 3	Yadkin Yadkin				6	6		
Surry, Yadkin)	Sydnor Street Group Home	Surry				6	6		
	Park Drive Group Home	Surry				6	6		
	Bonnie Lane Group Home	Iredell				6	6		
	Dal-Wan Heights Home	Iredell				6	6		
	Fanjoy 1 Fanjoy 2	Iredell Iredell				6	6		
	Oakdale Group Home	Iredell				6	6		
	Hollingsworth Group Home	Iredell				6	6		
	Pinewood Group Home TOTAL CROSSROADS	Iredell	0	0		6 72	6 72		

Table 17A: Inventory of ICF/MR Facilities and Beds

Local Management Entity (LME)	Table 17A: Inventory of Name of Provider	County	Appro	ved, Not ertified	CON License Pending	Total Beds Certif.	TOTAL BEDS (Appr. + Cert.)
CenterPoint	Pineview	Forsyth				5	5
(Counties: Davie, Forsyth,	The Arches-Horizons Residential Care Center					10	10
Rockingham, Stokes)	The Atrium/The Respite Center	Forsyth				36	36
	Forsyth Group Home #1	Forsyth				6	6
	Forsyth Group Home #2 Konnoak Drive Group Home	Forsyth Forsyth				6	6
	Wilson Smith Cottage	Forsyth				6	6
	Pilotview	Stokes				5	5
	Boxwood Acres	Davie				6	6
	Pleasant Acres	Davie				6	6
	Twinbrooks	Davie				6	6
	Rouses Group Homes	Rockingham				30	30
	Rouses Group Home #6 TOTAL CENTERPOINT	Rockingham	0	0		6 134	6 134
			U	0			
A - C (Counties: Alamance.	Ralph Scott Life Svcs-Townbranch Rd.	Alamance				6	6
Caswell)	Ralph Scott Life Svcs-Poplar Street	Alamance				6	6
	Ralph Scott Life Svcs-Rosemont Street	Alamance				6	6
	Ralph Scott Life Svcs-Veterans Drive	Alamance				6	6
	Ralph Scott Group Home-Laramie Drive TOTAL A - C	Alamance	0	0		6 30	6 30
Guilford	Westridge	Guilford				5	5
Guinoid	Friendway Group Home	Guilford				6	6
	VOCA-Meadowood Drive Group Home	Guilford				6	6
	The Arc of High Point-Southridge Rd.	Guilford				5	5
	Watson's Group Home	Guilford				6	6
	RHA/Howell Care Centers/Westridge	Guilford				6	6
	RHA/Howell Care Centers/West Friendly	Guilford				6	6
	RHA/Howell Care Centers/Rollingwood	Guilford				6	6
	RHA/Howell Care Centers/Gatewood	Guilford				15	15
	RHA/Howell Care Centers/Ridgely Oak RHA/Howell Care Centers/Holden Group	Guilford				6	6
	Home	Guilford				6	6
	RHA Howell/Guilford IV Home-(Guilford County), Transferred Beds from State						
	Developmental Center-Pending Completion	Guilford		6	8233-08	0	6
	RHA/Howell Care Centers/Westminster	Guilford				6	6
	Summerlyn	Guilford				6	6
	Guilford I Guilford II	Guilford Guilford				6	6
	Guilford III TOTAL GUILFORD	Guilford	0	6		6	6 109
OPC		Orong-					
OPC (Counties: Chatham,	West Main St. Facility-Carrboro	Orange				6	6
Orange, Person)	Silo Drive Facility-Chapel Hill	Orange				6	6
	Residential Services, Inc. Retirement Ctr.	Orange				13	13
	Quail Roost Group Home	Orange				6	6
	Shady Lawn	Orange				6	6
	Christopher Road	Orange				6	6
	Frank Street ICF/MR Cates Street ICF/MR	Person Person				6	6
	Carolina Living & Learning Center TOTAL OPC	Chatham	0	0		15 70	15 70

Table 17A: Inventory of ICF/MR Facilities and Beds

	Table 17A: Inventory of	TCF/MIK Fac	Titles at	nu Deus		1	1
Local Management Entity (LME)	Name of Provider	County		ved, Not ertified Adult	CON License Pending	Total Beds Certif.	TOTAL BEDS (Appr. + Cert.)
Durham	Seven Oaks Road-Durham	Durham				5	5
	Kenwood Road Home Keywest Center	Durham Durham				6	6
	Chandler Road	Durham				6	6
	Lynn Road	Durham				6	6
	Mineral Springs I	Durham	-			6	6
	Mineral Springs II	Durham				6	6
	Holloway Street Home	Durham				6	6
	Replacement Facility For Holloway Street Home-Pending Completion	Durham		6	8358-09	0	6
	SCI-Triangle House I	Durham				6	6
	SCI- Triangle House II VOCA - Otis Group Home	Durham Durham				6	6
	VOCA - Otis Group Home VOCA - Obie	Durham				6	6
	VOCA - Gentry	Durham				6	6
	TOTAL DURHAM		0	6		77	83
Five County	Granville ICF/MR Group Home	Granville				5	5
(Counties: Franklin, Granville, Halifax,	Dove Road Home	Granville				6	6
Vance, Warren)	Stem Road Home	Granville				6	6
	Park Avenue Home	Granville				6	6
	SCI Roanoke House (103 & 105 Clearfield	II-1: <i>C</i>				12	12
	Drive) Idlewood Group Home	Halifax Halifax				6	6
	Life inc./Lakeview	Halifax				6	6
	Life, Inc./King Street Group Home	Halifax				6	6
	McFarland Road	Halifax				6	6
	TOTAL FIVE COUNTY	1	0	0		59	59
Sandhills	Ansonville Group Home	Anson				4	4
(Counties: Anson,	Old Farm Road	Hoke	ļ			6	6
Harnett, Hoke, Lee, Montgomery, Moore,	Ashley Heights Home	Hoke				6	6
Randolph, Richmond)	Mt. Gilead Children's Home	Montgomery				6	6
	Myrtlewood Group Home	Montgomery				6	6
	Sherwood Park Home Moore County Home For Autistic Adults	Moore Moore				15	6
	Crest Road Group Home	Moore				6	6
	Magnolia Group Home	Moore				6	6
	Brookwood	Randolph				6	6
	Timberlea Group Home	Randolph				6	6
	Mallard Lane Center	Richmond				5	5
	Hoffman Group Home	Richmond				6	6
	Pence Place	Richmond				9	9
	Erwin Avenue Home	Harnett				6	6
	Lillington Group Home	Harnett				6	6
	Erwin #2 Group Home	Harnett				6	6
	Skill Creations of Sanford VOCA-6th St. Group Home	Lee Lee				15 6	15 6
	VOCA-biti St. Group Home VOCA-Hickory II Group Home	Lee	†			6	6
	Pine Ridge Group Home	Lee				6	6
	T L C Home, Inc.	Lee				10	10
	TOTAL SANDHILLS		0	0		154	154

Table 17A: Inventory of ICF/MR Facilities and Beds

Local Management			Yet Ce	ved, Not	CON License	Total Beds	TOTAL BEDS (Appr
Entity (LME)	Name of Provider	County	Child	Adult	Pending	Certif.	+ Cert.)
Southeastern	Northridge Residential	Bladen				6	6
Regional	Midlake Residential	Bladen				6	6
(Counties: Bladen,	Riverside Residential	Columbus				6	6
Columbus, Robeson, Scotland)	Strawberry House Corbel Residential	Columbus Robeson				6	6
Scottanu)	Corbei Residentiai	Kobeson				0	0
	Westside Residential	Robeson				6	6
	Eastbrook	Robeson				6	6
	Wakulla #1 Wakulla #2	Robeson Robeson	-			6	6
	Scotland Forest	Scotland				6	6
	Lee Forest Home	Scotland				6	6
	College Park	Scotland	0	0		6	6
	TOTAL SOUTHEASTERN REGIONAL My Place	Cumberland	U	U		72	72 6
Cumberland	Thomas S. Decatur Home	Cumberland				6	6
Cumberiand	Hope Mills Home	Cumberland				6	6
	Thomas S. Kinlaw	Cumberland				6	6
	Extra Special Care	Cumberland				6	6
	No Place Like Home	Cumberland				5	5
	Wilmington Rd. Group Home Southern Avenue Home	Cumberland Cumberland				6	6
	Northside Group Home	Cumberland				6	6
	Holiday's Place Group Home	Cumberland	1			6	6
	Strickland Bridge, A&B TOTAL CUMBERLAND	Cumberland	0	0		12 71	12 71
Johnston	Canterbury Road Home	Johnston				6	6
	Heath Avenue Home	Johnston				6	6
	VOCA Laurahura d Carrier Harra	Johnston Johnston				6	6
	VOCA-Laurelwood Group Home Country Manor Group Home	Johnston	+			6	6
	TOTAL JOHNSTON		0	0		30	30
	Blanche Drive	Wake				6	6
Wake	Dartmouth Road Group Home	Wake				6	6
	Forest Creek Group Home Georgia Court	Wake Wake				6	6
	Hilltop Home (Raleigh) Transferred Beds		22		7614-06		
	from O'Berry Center-Pending Completion VOCA-(Wake County), Transferred Beds	Wake	22		/614-06	0	22
	from State Developmental Center-Pending Completion	Wake		6	8274-08	0	6
	Rolling Meadows	Wake				6	6
	Huntleigh	Wake				6	6
	Tammy Lynn Center/Children (737, 743 & 745 Chappell Dr.)	Wake				30	30
	VOCA-Hickory Avenue Home	Wake				6	6
	VOCA-Country Lane	Wake				6	6
	Jade Tree	Wake				6	6
	VOCA-Creekway	Wake				6	6
	Dickens Drive Home Electra Drive Group Home	Wake Wake	1			6	6
	Replacement Facility For Above Electra				0445 ***		
	Drive Group Home-Pending Completion Helmsdale Group Home	Wake Wake	6		8443-09	6	6
	Stonegate	Wake				6	6
	Rockwood	Wake	1			6	6
	VOCA- Olive Home	Wake				6	6
	Avent Ferry Home	Wake				6	6
	Trotters Bluff	Wake				6	6
	VOCA-Mason Street	Wake				6	6

Table 17A: Inventory of ICF/MR Facilities and Beds

Local Management			Yet Co	ved, Not	CON License	Total Beds	TOTAL BEDS (Appr
Entity (LME)	Name of Provider Lockwood St. Group Home	County Brunswick	Child	Adult	Pending	Certif.	+ Cert.)
Southeastern Center	Folly St. Group Home	Brunswick				6	6
(Counties:	Robin Hood Group Home	New Hanover				6	6
Brunswick, New Hanover, Pender)	Robert E. Lee Group Home Lifetime Resources, IncEcho Farms Group	New Hanover				6	6
	Home	New Hanover				6	6
	Greenville Loop Group Home	New Hanover				6	6
	SCI - Coastal House I and II	New Hanover				12	12
	Life, Inc./Cherokee Trail Group Home	New Hanover				6	6
	Myrtle Grove Group Home	New Hanover				6	6
	TOTAL SOUTHEASTERN CENTER		0	0		60	60
Onslow-Carteret	Queen's Pond	Onslow				14	14
	Sand Ridge I, II, III & IV	Onslow				24	24
	Countryview Residential Life Inc./Grey Fox Run Group Home	Onslow Carteret				6	6
	Life Inc./Grey Fox Run Group Home Life Inc./Nine Foot Road Group Home	Carteret				6	6
	TOTAL ONSLOW-CARTERET	1	0	0		56	56
Beacon Center	Life/Raven Ridge Group Home	Wilson				6	6
	Life/McKeel Loop Group Home	Wilson				6	6
Nash, Wilson)	Skill Creations of Wilson	Wilson				15	15
	Skill Creations of Tarboro	Edgecombe				15	15
	SCI - Nash House I	Nash				6	6
	SCI - Nash House II	Nash				6	6
	Life Inc Green Tea Lane TOTAL BEACON CENTER	Nash	0	0		6 60	6 60
	RHA/Howell's Child Care/Riverbend	Craven				125	125
East Carolina		Craven				6	
Behavioral Health (Counties: Beaufort, Bertie, Camden,	Life, Inc./Cherry Lane Life, Inc./Lavenham Group Home	Craven				6	6
Chowan, Currituck,	Life, Inc./Oakdale Home	Craven				6	6
Hertford, Hyde, Jones, Martin,	Child 1	Craven				6	6
Northhampton, Pamlico, Pasquotank,		Craven				5	5
Perquimans, Pitt, Tyrrell, Washington)		Craven				6	6
, , , , , , , ,	Pitt County Group Home #1	Pitt				6	6
	Pitt County Group Home #2	Pitt				6	6
	Pitt County Group Home #3	Pitt				6	6
	Skill Creations of Greenville	Pitt				15	15
	SCI East	Pitt				12	12
	RHA/Howell Care Centers/Tar River RHA Howell Care Centers/King George Group Home	Pitt Pitt				30 6	30 6
	RHA Howell Care Centers/Forest Hills Group Home	Pitt				6	6
	RHA Howell/Overlook-(Pitt County), Transferred Beds from State Developmental Center-Pending Completion	Pitt		6	8251-08	0	6
	Roanoke Place	Hertford				6	6
	Life, Inc./Dixon Road Group Home	Beaufort				6	6
	Life Inc./Edgewood Group Home	Beaufort				6	6
	Life, Inc./Slatestone Road Group Home	Beaufort				6	6
	Life,Inc/Beaufort Heights Group Home	Beaufort				6	6
	Life Inc./Minute Man Group Home	Beaufort				6	6

Table 17A: Inventory of ICF/MR Facilities and Beds

	Table 17A: Inventory of ICF/MR Facilities and Beds									
Local Management Entity (LME)	Name of Provider	County	Approv Yet Ce Child		CON License Pending	Total Beds Certif.	TOTAL BEDS (Appr. + Cert.)			
	Life Inc./ Wilson St. Group Home	Washington				6	6			
	Life Inc./Old Roper Group Home	Washington				6	6			
	Life Inc./Twin Acres Group Home	Martin				6	6			
	Life Inc./Luke Street Group Home	Chowan				6	6			
	Life, Inc./Coke Avenue Group Home	Chowan				6	6			
	Life, Inc./Chowan Group Home	Chowan				6	6			
	Life, Inc./Albemarle Group Home	Chowan				6	6			
	TOTAL EAST CAROLINA BEHAVIORA		0	6	0	325	331			
	Skill Creations of Kenansville	Duplin				15	15			
Eastpointe	Rones Chapel Road Group Home	Duplin				6	6			
(Counties: Duplin,	SCI-Duplin House	Duplin				6	6			
Lenoir, Sampson,	RHA/Howell's Care Centers/Bear Creek	Lenoir				113	113			
Wayne)	Robins Nest Group Home	Lenoir				6	6			
	Rooms rest Group Home	Lenon					0			
	Lagrange Home	Lenoir				6	6			
	Rosanne Group Home	Lenoir				5	5			
	Washington Street East Group Home	Lenoir				6	6			
	Skill Creations of Kinston	Lenoir				15	15			
	Fox Run Group Home	Lenoir				6	6			
	Skill Creations of Clinton	Sampson				15	15			
	RHA/Howell Care Centers/ Walnut Creek	Wayne				37	37			
	Life Inc William Street Home	Wayne				6	6			
	Life Inc Walnut Sreet Home	Wayne				6	6			
	Highway 117 Group Home	Wayne				6	6			
	Airport Road Group Home	Wayne				6	6			
	Daughtry Field Road Group Home	Wayne				6	6			
	Holly Street Home	Wayne				6	6			
	Norwood Avenue Home	Wayne				6	6			
	Skill Creations	Wayne				15	15			
	TOTAL EASTPOINTE	vv dyne	0	0		293	293			
-	TOTAL ENDITORITE			pprove	1	Total	Total Beds			
				Not Yet		Beds	Approved			
				Certified	i	Certif.	plus			
			Child	Adult			Certified			
	Statewide ICF/MR Bed Count		28	53		2,741	2,822			

 $^{{\}bf * Note: \ Child \ \& \ Adult \ Beds \ within \ "Approved \ Not \ Yet \ Certified" \ Column \ are pending \ transfers \ and/or \ replacement \ facilities.}$

Table 17B: Beds Excluded from ICF/MR Inventory

		Local Management	Number of	Reason for
Facility Name	HSA	Entity (LME)	Certified Beds	Exclusion
J. Iverson Riddle				
Developmental Center	I	Mental Health Partners	493	State Facility
Murdoch Center	II	Five County	660	State Facility
O'Berry Center	IV	Eastpointe	437	State Facility
Caswell Center	IV	Eastpointe	813	State Facility
State Facility Total/Total Excluded Beds			2,403	

Appendix A:

North Carolina Counties by Health Service Area

Appendix B:

Partial Listing of Health Planning Acronyms

Appendix C:

List of Contiguous Counties

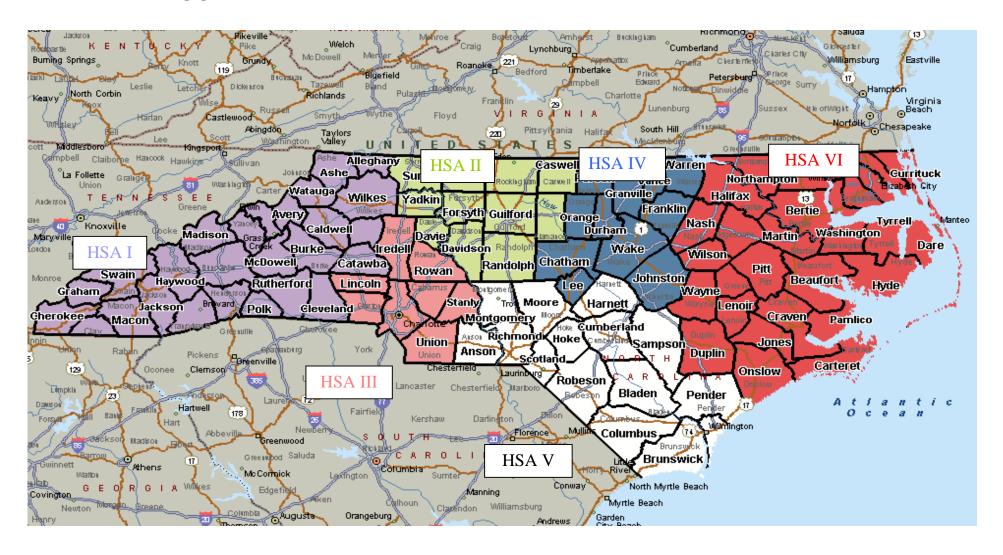
Appendix D:

North Carolina's Certificate of Need Statute

Appendix E:

Regulation of Detoxification Services Provided in Hospitals Licensed under Article 5, Chapter 131E, of the General Statutes

Appendix A: North Carolina Health Service Areas



Appendix B: Medical Facilities Planning Acronyms/Terms

Statute 131 E – 175 et. seq. – Certificate of Need Law

<u>Acronym / Term</u> <u>Refers to / Meaning</u>

AC Acute Care
ACH Adult Care Home
ACS Acute Care Services

AIDS Acquired Immune Deficiency Syndrome

APA Administrative Procedures Act
ASC Ambulatory Surgery Center

CAP MR/DD Community Alternatives Program for Mentally Retarded/Developmentally Disabled

Persons (same as CAP/MR Waiver Program)

CCRC Continuing Care Retirement Community

CD Chemical Dependency

CMS Centers for Medicare and Medicaid Services (Federal Agency)

COG Council of Governments
CON Certificate of Need

CON Section Certificate of Need Section (A section within DHSR that reviews applications and

awards Certificates of Need)

CPT Current Procedural Terminology (code set maintained by the American Medical

Association)

C-Section Cesarean Section

DD Developmental Disability

DFS Division of Facility Services which has now become the DHSR

DHSR Division of Health Service RegulationDHHS Department of Health and Human Services

DMA Division of Medical Assistance

DMH/DD/SAS Division of Mental Health, Developmental Disabilities and Substance Abuse Services

DRG Diagnosis Related Group

DSM III R Diagnostic and Statistical Manual of Mental Disorders (revised)

Endo Endoscopy

ESRD End-Stage Renal Disease

ESTV Equivalent Simple Treatment Visits
ESWL Extracorporeal Shock Wave Lithotripsy

GS General Statute(s)

HCUP Healthcare Cost and Utilization Project

HIV+ Infection with Human Immunodeficiency Virus

HH Home Health **HSA** Health Service Area

HUD Housing and Urban Development (Federal Agency)

ICD International Classification of Diseases

ICF/MR Intermediate Care Facility for the Mentally Retarded

ICU Intensive Care Unit

IP Inpatient

LME Local Management Entity
LRA License Renewal Application

LTC Long-Term Care

LTCH Long Term Care HospitalMARC Mid-Atlantic Renal CoalitionMDC Major Diagnostic Category

MFP Section Medical Facilities Planning Section (A section within DHSR that assists with

preparation of the State Medical Facilities Plan)

MH Mental Health

MRI Magnetic Resonance Imaging Scanner

NCAC North Carolina Administrative Code (also known as: Rules)

NH Nursing Home and Nursing Care Facilities

OP Outpatient OP Operating Room

PET Positron Emission Tomography Scanner
Plan North Carolina State Medical Facilities Plan

PSY Psychiatric

QAV Quality, Access and Value

SA Substance Abuse

SDR Semiannual Dialysis Report (prepared by the Medical Facilities Planning Section)
SEKC Southeastern Kidney Council (Federal contract agency which collects dialysis data)
SHCC State Health Coordinating Council (Official Title: North Carolina State Health

Coordinating Council)

SMFP State Medical Facilities Plan

Appendix C: List of "Contiguous Counties"

For purposes of the State Medical Facilities Plan, the Medical Facilities Planning Section defines contiguous groupings in relation to a base county and includes any North Carolina county that touches that base county.

ALAMANCE Caswell Chatham Guilford Orange Randolph Rockingham	ALEXANDER Caldwell Catawba Iredell Wilkes	ALLEGHANY Ashe Surry Wilkes	ANSON Montgomery Richmond Stanly Union	ASHE Alleghany Watauga Wilkes	AVERY Burke Caldwell McDowell Mitchell Watauga
BEAUFORT Craven Hyde Martin Pamlico Pitt Washington	Chowan Halifax Hertford Martin Northampton Washington	Columbus Cumberland Pender Robeson Sampson	BRUNSWICK Columbus New Hanover Pender	Haywood Henderson Madison McDowell Rutherford Yancey	Avery Caldwell Catawba Cleveland Lincoln McDowell Rutherford
CABARRUS Iredell Mecklenburg Rowan Stanly Union	CALDWELL Alexander Avery Burke Catawba Watauga Wilkes	CAMDEN Currituck Gates Pasquotank	CARTERET Craven Jones Onslow	CASWELL Alamance Orange Person Rockingham	CATAWBA Alexander Burke Caldwell Cleveland Iredell Lincoln
CHATHAM Alamance Durham Harnett Lee Moore Orange Randolph Wake	CHEROKEE Clay Graham Macon	CHOWAN Bertie Gates Hertford Perquimans	CLAY Cherokee Macon	CLEVELAND Burke Catawba Gaston Lincoln Rutherford	Bladen Brunswick Pender Robeson
CRAVEN Beaufort Carteret Jones Lenoir Pamlico Pitt	CUMBERLAND Bladen Harnett Hoke Moore Robeson Sampson	CURRITUCK Camden Dare	DARE Currituck Hyde Tyrrell	DAVIDSON Davie Forsyth Guilford Montgomery Randolph Rowan	DAVIE Davidson Forsyth Iredell Rowan Yadkin

Stanly

Jones Lenoir Onslow Pender Sampson Wayne	DURHAM Chatham Granville Orange Person Wake	EDGECOMBE Halifax Martin Nash Pitt Wilson	FORSYTH Davidson Davie Guilford Rockingham Stokes Surry Yadkin	FRANKLIN Granville Halifax Johnston Nash Vance Wake Warren	GASTON Cleveland Lincoln Mecklenburg
GATES Camden Chowan Hertford Pasquotank Perquimans	GRAHAM Cherokee Macon Swain	GRANVILLE Durham Franklin Person Vance Wake	GREENE Lenoir Pitt Wayne Wilson	GUILFORD Alamance Davidson Forsyth Randolph Rockingham Stokes	HALIFAX Bertie Edgecombe Franklin Martin Nash Northampton Warren
HARNETT Chatham Cumberland Hoke Johnston Lee Moore Sampson Wake	HAYWOOD Buncombe Henderson Jackson Madison Swain Transylvania	HENDERSON Buncombe Haywood Polk Rutherford Transylvania	HERTFORD Bertie Chowan Gates Northampton	HOKE Cumberland Harnett Moore Richmond Robeson Scotland	HYDE Beaufort Dare Tyrrell Washington
IREDELL Alexander Cabarrus Catawba Davie Lincoln Mecklenburg Rowan Wilkes Yadkin	JACKSON Haywood Macon Swain Transylvania	JOHNSTON Franklin Harnett Nash Sampson Wake Wayne Wilson	JONES Carteret Craven Duplin Lenoir Onslow	LEE Chatham Harnett Moore	Craven Duplin Greene Jones Pitt Wayne
LINCOLN Burke Catawba Cleveland Gaston Iredell Mecklenburg	McDOWELL Avery Buncombe Burke Mitchell Rutherford Yancey	MACON Cherokee Clay Graham Jackson Swain	MADISON Buncombe Haywood Yancey	MARTIN Beaufort Bertie Edgecombe Halifax Pitt Washington	MECKLENBURG Cabarrus Gaston Lincoln Iredell Union

MITCHELL Avery McDowell Yancey	MONTGOMERY Anson Davidson Moore Randolph Richmond Rowan Stanly	MOORE Chatham Cumberland Harnett Hoke Lee Montgomery Randolph Richmond Scotland	Edgecombe Franklin Halifax Johnston Wake Warren Wilson	NEW HANOVER Brunswick Pender	NORTHAMPTON Bertie Halifax Hertford Warren
ONSLOW Carteret Duplin Jones Pender	ORANGE Alamance Caswell Chatham Durham Person	PAMLICO Beaufort Craven	PASQUOTANK Camden Gates Perquimans	PENDER Bladen Brunswick Columbus Duplin New Hanover Onslow Sampson	PERQUIMANS Chowan Gates Pasquotank
PERSON Caswell Durham Granville Orange	Beaufort Craven Edgecombe Greene Lenoir Martin Wilson	POLK Henderson Rutherford	RANDOLPH Alamance Chatham Davidson Guilford Montgomery Moore	RICHMOND Anson Hoke Montogomery Moore Scotland Stanly	ROBESON Bladen Columbus Cumberland Hoke Scotland
ROCKINGHAM Alamance Caswell Forsyth Guilford Stokes	ROWAN Cabarrus Davidson Davie Iredell Montgomery Stanly	RUTHERFORD Buncombe Burke Cleveland Henderson McDowell Polk	SAMPSON Bladen Cumberland Duplin Harnett Johnston Pender Wayne	SCOTLAND Hoke Moore Richmond Robeson	Anson Cabarrus Davidson Montgomery Richmond Rowan Union
STOKES Forsyth Guilford Rockingham Surry Yadkin	SURRY Alleghany Forsyth Stokes Wilkes Yadkin	SWAIN Graham Haywood Jackson Macon	TRANSYLVANIA Haywood Henderson Jackson	TYRRELL Dare Hyde Washington	UNION Anson Cabarrus Mecklenburg Stanly

VANCE	WAKE	WARREN	WASHINGTON	WATAUGA	WAYNE
Franklin	Chatham	Franklin	Beaufort	Ashe	Duplin
Granville	Durham	Halifax	Bertie	Avery	Greene
Warren	Franklin	Nash	Hyde	Caldwell	Johnston
	Granville	Northampton	Martin	Wilkes	Lenoir
	Harnett	Vance	Tyrrell		Sampson
	Johnston		-		Wilson
	Nash				

WILKES	WILSON	YADKIN	YANCEY
Alexander	Edgecombe	Davie	Buncombe
Alleghany	Greene	Forsyth	Madison
Ashe	Johnston	Iredell	McDowell
Caldwell	Nash	Stokes	Mitchell
Iredell	Pitt	Surry	
Surry	Wayne	Wilkes	
Watauga			
Yadkin			

Article 9

Certificate of Need

§ 131E-175. Findings of fact.

The General Assembly of North Carolina makes the following findings:

- (1) That the financing of health care, particularly the reimbursement of health services rendered by health service facilities, limits the effect of free market competition and government regulation is therefore necessary to control costs, utilization, and distribution of new health service facilities and the bed complements of these health service facilities.
- (2) That the increasing cost of health care services offered through health service facilities threatens the health and welfare of the citizens of this State in that citizens need assurance of economical and readily available health care.
- (3) That, if left to the market place to allocate health service facilities and health care services, geographical maldistribution of these facilities and services would occur and, further, less than equal access to all population groups, especially those that have traditionally been medically underserved, would result.
- (3a) That access to health care services and health care facilities is critical to the welfare of rural North Carolinians, and to the continued viability of rural communities, and that the needs of rural North Carolinians should be considered in the certificate of need review process.
- (4) That the proliferation of unnecessary health service facilities results in costly duplication and underuse of facilities, with the availability of excess capacity leading to unnecessary use of expensive resources and overutilization of health care services.
- (5) Repealed.
- (6) That excess capacity of health service facilities places an enormous economic burden on the public who pay for the construction and operation of these facilities as patients, health insurance subscribers, health plan contributors, and taxpayers.
- (7) That the general welfare and protection of lives, health, and property of the people of this State require that new institutional health services to be offered within this State be subject to review and evaluation as to need, cost of service, accessibility to services, quality of care, feasibility, and other criteria as determined by provisions of this Article or by the North Carolina Department of Health and Human Services pursuant to provisions of this Article prior to such services being offered or developed in order that only appropriate and needed institutional health services are made available in the area to be served.
- (8) That because persons who have received exemptions under Section 11.9(a) of S.L. 2000-67, as amended, and under Section 11.69(b) of S.L. 1997-443, as amended by Section 12.16C(a) of S.L. 1998-212, and as amended by Section 1 of S.L. 1999-135, have had sufficient time to complete development plans and initiate construction of beds in adult care homes.
- (9) That because with the enactment of this legislation, beds allowed under the exemptions noted above and pending development will count in the inventory of adult care home beds available to provide care to residents in the State Medical Facilities Plan.
- (10) That because State and county expenditures provide support for nearly three-quarters of the residents in adult care homes through the State County Special Assistance program, and excess bed capacity increases costs per resident day, it is in the public interest to promote efficiencies in delivering care in those facilities by controlling and directing their growth in an effort to prevent underutilization and higher costs and provide appropriate geographical distribution.
- (11) That physicians providing gastrointestinal endoscopy services in unlicensed settings should be given an opportunity to obtain a license to provide those services to ensure the safety of patients and the provision of quality care.

(12) That demand for gastrointestinal endoscopy services is increasing at a substantially faster rate than the general population given the procedure is recognized as a highly effective means to diagnose and prevent cancer.

§ 131E-176. Definitions.

As used in this Article, unless the context clearly requires otherwise, the following terms have the meanings specified:

- (1) "Adult care home" means a facility with seven or more beds licensed under G.S. 131D-2 or Chapter 131E of the General Statutes that provides residential care for aged or disabled persons whose principal need is a home which provides the supervision and personal care appropriate to their age and disability and for whom medical care is only occasional or incidental.
- (1a) "Air ambulance" means aircraft used to provide air transport of sick or injured persons between destinations within the State.
- "Ambulatory surgical facility" means a facility designed for the provision of a (1b) specialty ambulatory surgical program or a multispecialty ambulatory surgical program. An ambulatory surgical facility serves patients who require local, regional or general anesthesia and a period of post-operative observation. An ambulatory surgical facility may only admit patients for a period of less than 24 hours and must provide at least one designated operating room or gastrointestinal endoscopy room, as defined in Article 5 Part 1 and Article 6, Part 4 of this Chapter, and at least one designated recovery room, have available the necessary equipment and trained personnel to handle emergencies, provide adequate quality assurance and assessment by an evaluation and review committee, and maintain adequate medical records for each patient. An ambulatory surgical facility may be operated as a part of a physician or dentist's office, provided the facility is licensed under G.S. Chapter 131E, Article 6, Part D, but the performance of incidental, limited ambulatory surgical procedures which do not constitute an ambulatory surgical program as defined in subdivision (1c) of this section and which are performed in a physician's or dentist's office does not make that office an ambulatory surgical facility.
- (1c) "Ambulatory surgical program" means a formal program for providing on a same-day basis those surgical procedures which require local, regional or general anesthesia and a period of post-operative observation to patients whose admission for more than 24 hours is determined, prior to surgery or gastrointestinal endoscopy, to be medically unnecessary.
- "Bed capacity" means space used exclusively for inpatient care, including space designed or remodeled for licensed inpatient beds even though temporarily not used for such purposes. The number of beds to be counted in any patient room shall be the maximum number for which adequate square footage is provided as established by rules of the Department except that single beds in single rooms are counted even if the room contains inadequate square footage. The term "bed capacity" also refers to the number of dialysis stations in kidney disease treatment centers, including freestanding dialysis units.
- (2a) "Bone marrow transplantation services" means the process of infusing bone marrow into persons with diseases to stimulate the production of blood cells.
- (2b) "Burn intensive care services" means services provided in a unit designed to care for patients who have been severely burned.
- (2c) "Campus" means the adjacent grounds and buildings, or grounds and buildings not separated by more than a public right-of-way, of a health service facility and related health care entities.
- (2d) "Capital expenditure" means an expenditure for a project, including but not limited to the cost of construction, engineering, and equipment which under generally accepted accounting principles is not properly chargeable as an expense of operation and maintenance. Capital expenditure includes, in addition, the fair market value of an

acquisition made by donation, lease, or comparable arrangement by which a person obtains equipment, the expenditure for which would have been considered a capital expenditure under this Article if the person had acquired it by purchase.

- (2e) Repealed. 8-26-05
- (2f) "Cardiac catheterization equipment" means the equipment used to provide cardiac catheterization services.
- (2g) "Cardiac catherization services" means those procedures, excluding pulmonary angiography procedures, in which a catheter is introduced into a vein or artery and threaded through the circulatory system into the heart specifically to diagnose abnormalities in the motion, contraction, and blood flow of the moving heart or to perform surgical therapeutic interventions to restore, repair, or reconstruct the coronary blood vessels of the heart.
- (3) "Certificate of need" means a written order which affords the person so designated as the legal proponent of the proposed project the opportunity to proceed with the development of such project.
- (4) Repealed.
- (5) "Change in bed capacity" means (i) any relocation of health service facility beds, or dialysis stations from one licensed facility or campus to another, or (ii) any redistribution of health service facility bed capacity among the categories of health service facility bed as defined in G.S. 131E-176(9c), or (iii) any increase in the number of health service facility beds, or dialysis stations in kidney disease treatment centers, including freestanding dialysis units.
- (5a) "Chemical dependency treatment facility" means a public or private facility, or unit in a facility, which is engaged in providing 24-hour a day treatment for chemical dependency or substance abuse. This treatment may include detoxification, administration of a therapeutic regimen for the treatment of chemically dependent or substance abusing persons and related services. The facility or unit may be:
 - a. A unit within a general hospital or an attached or freestanding unit of a general hospital licensed under Article 5, Chapter 131E, of the General Statutes,
 - b. A unit within a psychiatric hospital or an attached or freestanding unit of a psychiatric hospital licensed under Article 1A of General Statutes Chapter 122 or Article 2 of General Statutes Chapter 122C,
 - c. A freestanding facility specializing in treatment of persons who are substance abusers or chemically dependent licensed under Article 1A of General Statutes Chapter 122 or Article 2 of General Statutes Chapter 122C; and may be identified as "chemical dependency, substance abuse, alcoholism, or drug abuse treatment units," "residential chemical dependency, substance abuse, alcoholism or drug abuse facilities," or by other names if the purpose is to provide treatment of chemically dependent or substance abusing persons, but shall not include social setting detoxification facilities, medical detoxification facilities, halfway houses or recovery farms.
- (5b) "Chemical dependency treatment beds" means beds that are licensed for the inpatient treatment of chemical dependency. Residential treatment beds for the treatment of chemical dependency or substance abuse are chemical dependency treatment beds. Chemical dependency treatment beds shall not include beds licensed for detoxification.
- (6) "Department" means the North Carolina Department of Health and Human Services.
- (7) To "develop" when used in connection with health services, means to undertake those activities which will result in the offering of institutional health service or the incurring of a financial obligation in relation to the offering of such a service.
- (7a) "Diagnostic center" means a freestanding facility, program, or provider, including but not limited to, physicians' offices, clinical laboratories, radiology centers, and mobile diagnostic programs, in which the total cost of all the medical diagnostic equipment utilized by the facility which cost ten thousand dollars (\$10,000) or more exceeds five hundred thousand dollars (\$500,000). In determining whether the medical diagnostic equipment in a diagnostic center costs more than five hundred thousand dollars

- (\$500,000), the costs of the equipment, studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the equipment shall be included. The capital expenditure for the equipment shall be deemed to be the fair market value of the equipment or the cost of the equipment, whichever is greater.
- (7b) "Expedited review" means the status given to an application's review process when the applicant petitions for the review and the Department approves the request based on findings that all of the following are met:
 - a. The review is not competitive.
 - b. The proposed capital expenditure is less than five million dollars (\$5,000,000).
 - c. A request for a public hearing is not received within the time frame defined in G.S. 131E-185.
 - d. The agency has not determined that a public hearing is in the public interest.
- (7c) "Gamma knife" means equipment which emits photon beams from a stationary radioactive cobalt source to treat lesions deep within the brain and is one type of stereotactic radiosurgery.
- (7d) "Gastrointestinal endoscopy room" means a room used for the performance of procedures that require the insertion of a flexible endoscope into a gastrointestinal orifice to visualize the gastrointestinal lining and adjacent organs for diagnostic or therapeutic purposes.
- (8),(9) Repealed.
- (9a) "Health service" means an organized, interrelated medical, diagnostic, therapeutic, and/or rehabilitative activity that is integral to the prevention of disease or the clinical management of a sick, injured, or disabled person. "Health service" does not include administrative and other activities that are not integral to clinical management.
- (9b) "Health service facility" means a hospital; long-term care hospital; psychiatric facility; rehabilitation facility; nursing home facility; adult care home; kidney disease treatment center, including freestanding hemodialysis units; intermediate care facility for the mentally retarded; home health agency office; chemical dependency treatment facility; diagnostic center; hospice office, hospice inpatient facility, hospice residential care facility; and ambulatory surgical facility.
- (9c) "Health service facility bed" means a bed licensed for use in a health service facility in the categories of (i) acute care beds; (ii) psychiatric beds; (iii) rehabilitation beds; (iv) nursing home beds; (v) intermediate care beds for the mentally retarded; (vi) chemical dependency treatment beds; (vii) hospice inpatient facility beds; (viii) hospice residential care facility beds; (ix) adult care home beds; and (x) long-term care hospital beds.
- (10) "Health maintenance organization (HMO)" means a public or private organization which has received its certificate of authority under Article 67 of Chapter 58 of the General Statutes and which either is a qualified health maintenance organization under Section 1310(d) of the Public Health Service Act or:
 - a. Provides or otherwise makes available to enrolled participants health care services, including at least the following basic health care services: usual physician services, hospitalization, laboratory, X ray, emergency and preventive services, and out-of-area coverage;
 - b. Is compensated, except for copayments, for the provision of the basic health care services listed above to enrolled participants by a payment which is paid on a periodic basis without regard to the date the health care services are provided and which is fixed without regard to the frequency, extent, or kind of health service actually provided; and
 - c. Provides physicians' services primarily (i) directly through physicians who are either employees or partners of such organizations, or (ii) through arrangements with individual physicians or one or more groups of physicians organized on a group practice or individual practice basis.
- (10a) "Heart-lung bypass machine" means the equipment used to perform extra-corporeal

circulation and oxygenation during surgical procedures.

- (11) Repealed
- (12) "Home health agency" means a private organization or public agency, whether owned or operated by one or more persons or legal entities, which furnishes or offers to furnish home health services.

"Home health services" means items and services furnished to an individual by a home health agency, or by others under arrangements with such others made by the agency, on a visiting basis, and except for paragraph e. of this subdivision, in a place of temporary or permanent residence used as the individual's home as follows:

- a. Part-time or intermittent nursing care provided by or under the supervision of a registered nurse;
- b. Physical, occupational or speech therapy;
- c. Medical social services, home health aid services, and other therapeutic services;
- d. Medical supplies, other than drugs and biologicals and the use of medical appliances;
- e. Any of the foregoing items and services which are provided on an outpatient basis under arrangements made by the home health agency at a hospital or nursing home facility or rehabilitation center and the furnishing of which involves the use of equipment of such a nature that the items and services cannot readily be made available to the individual in his home, or which are furnished at such facility while he is there to receive any such item or service, but not including transportation of the individual in connection with any such item or service.
- (13) "Hospital" means a public or private institution which is primarily engaged in providing to inpatients, by or under supervision of physicians, diagnostic services and therapeutic services for medical diagnosis, treatment, and care of injured, disabled, or sick persons, or rehabilitation services for the rehabilitation of injured, disabled, or sick persons. The term includes all facilities licensed pursuant to G.S. 131E-77 of the General Statutes, except long-term care hospitals.
- (13a) "Hospice" means any coordinated program of home care with provision for inpatient care for terminally ill patients and their families. This care is provided by a medically directed interdisciplinary team, directly or through an agreement under the direction of an identifiable hospice administration. A hospice program of care provides palliative and supportive medical and other health services to meet the physical, psychological, social, spiritual and special needs of patients and their families, which are experienced during the final stages of terminal illness and during dying and bereavement.
- (13b) "Hospice inpatient facility" means a freestanding licensed hospice facility or a designated inpatient unit in an existing health service facility which provides palliative and supportive medical and other health services to meet the physical, psychological, social, spiritual, and special needs of terminally ill patients and their families in an inpatient setting. For purposes of this Article only, a hospital which has a contractual agreement with a licensed hospice to provide inpatient services to a hospice patient as defined in G.S. 131E-201(4) and provides those services in a licensed acute care bed is not a hospice inpatient facility and is not subject to the requirements in G.S. 131E-176(5)(ii) for hospice inpatient beds.
- (13c) "Hospice residential care facility" means a freestanding licensed hospice facility which provides palliative and supportive medical and other health services to meet the physical, psychological, social, spiritual, and special needs of terminally ill patients and their families in a group residential setting.
- (14) Repealed.
- (14a) "Intermediate care facility for the mentally retarded" means facilities licensed pursuant to Article 2 of Chapter 122C of the General Statutes for the purpose of providing health and habilitative services based on the developmental model and principles of normalization for persons with mental retardation, autism, cerebral palsy, epilepsy or related conditions.

- (14b) Repealed.
- (14c) Reserved for future codification.
- (14d) Repealed.
- (14e) "Kidney disease treatment center" means a facility that is certified as an end-stage renal disease facility by the Centers for Medicare and Medicaid Services, Department of Health and Human Services, pursuant to 42 C.F.R. § 405.
- (14f) Reserved for future codification.
- (14g) "Linear accelerator" means a machine used to produce ionizing radiation in excess of 1,000,000 electron volts in the form of a beam of electrons or photons to treat cancer patients.
- (14h) Reserved for future codification.
- (14i) "Lithotriptor" means extra-corporeal shock wave technology used to treat persons with kidney stones and gallstones.
- (14j) Reserved for future codification.
- (14k) "Long-term care hospital" means a hospital that has been classified and designated as a long-term care hospital by the Centers for Medicare and Medicaid Services, Department of Health and Human Services, pursuant to 42 C.F.R. § 412.
- (141) Reserved for future codification.
- (14m) "Magnetic resonance imaging scanner" means medical imaging equipment that uses nuclear magnetic resonance.
- (14n) Reserved for future codification.
- "Major medical equipment" means a single unit or single system of components with related functions which is used to provide medical and other health services and which costs more than seven hundred fifty thousand dollars (\$750,000). In determining whether the major medical equipment costs more than seven hundred fifty thousand dollars (\$750,000), the costs of the equipment, studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the major medical equipment shall be included. The capital expenditure for the equipment shall be deemed to be the fair market value of the equipment or the cost of the equipment, whichever is greater. Major medical equipment does not include replacement equipment as defined in this section.
- (15) Repealed.
- "Multispecialty ambulatory surgical program" means a formal program for providing on a same-day basis surgical procedures for at least three of the following specialty areas: gynecology, otolaryngology, plastic surgery, general surgery, ophthalmology, orthopedic, or oral surgery.
- (15b) "Neonatal intensive care services" means those services provided by a health service facility to high-risk newborn infants who require constant nursing care, including but not limited to continuous cardiopulmonary and other supportive care.
- (16) "New institutional health services" means any of the following:
 - a. The construction, development, or other establishment of a new health service facility.
 - b. Except as otherwise provided in G.S. 131E-184(e), the obligation by any person of a capital expenditure exceeding two million dollars (\$2,000,000) to develop or expand a health service or a health service facility, or which relates to the provision of a health service. The cost of any studies, surveys, designs, plans, working drawings, specifications, and other activities, including staff effort and consulting and other services, essential to the acquisition, improvement, expansion, or replacement of any plant or equipment with respect to which an expenditure is made shall be included in determining if the expenditure exceeds two million dollars (\$2,000,000).
 - c. Any change in bed capacity as defined in G.S. 131E-176(5).
 - d. The offering of dialysis services or home health services by or on behalf of a

- health service facility if those services were not offered within the previous 12 months by or on behalf of the facility.
- e. A change in a project that was subject to certificate of need review and for which a certificate of need was issued, if the change is proposed during the development of the project or within one year after the project was completed. For purposes of this subdivision, a change in a project is a change of more than fifteen percent (15%) of the approved capital expenditure amount or the addition of a health service that is to be located in the facility, or portion thereof, that was constructed or developed in the project.
- f. The development or offering of a health service as listed in this subdivision by or on behalf of any person:
 - 1. Bone marrow transplantation services.
 - 2. Burn intensive care services.
 - 2a. Cardiac catheterization services, except cardiac catheterization services provided on equipment furnished by a person authorized to operate such equipment in North Carolina pursuant to either a certificate of need issued for mobile cardiac catheterization equipment or a settlement agreement executed by the Department for provision of cardiac catheterization services.
 - 3. Neonatal intensive care services.
 - 4. Open-heart surgery services.
 - 5. Solid organ transplantation services.
- f1. The acquisition by purchase, donation, lease, transfer, or comparable arrangement of any of the following equipment by or on behalf of any person:
 - 1. Air ambulance.
 - 2. Repealed.
 - 3. Cardiac catheterization equipment.
 - 4. Gamma knife.
 - 5. Heart-lung bypass machine.
 - 5a. Linear accelerator.
 - 6. Lithotriptor.
 - 7. Magnetic resonance imaging scanner.
 - 8. Positron emission tomography scanner.
 - 9. Simulator.

g.to k. Repealed.

- 1. The purchase, lease, or acquisition of any health service facility, or portion thereof, or a controlling interest in the health service facility or portion thereof, if the health service facility was developed under a certificate of need issued pursuant to G.S. 131E-180.
- m. Any conversion of nonhealth service facility beds to health service facility beds.
- n. The construction, development or other establishment of a hospice, hospice inpatient facility, or hospice residential care facility;
- o. The opening of an additional office by an existing home health agency **or** hospice within its service area as defined by rules adopted by the Department; or the opening of any office by an existing home health agency or hospice outside its service area as defined by rules adopted by the Department.
- p. The acquisition by purchase, donation, lease, transfer, or comparable arrangement by any person of major medical equipment.
- q. The relocation of a health service facility from one service area to another.
- r. The conversion of a specialty ambulatory surgical program to a multispecialty ambulatory surgical program or the addition of a specialty to a specialty ambulatory surgical program.
- s. The furnishing of mobile medical equipment to any person to provide health services in North Carolina, which was not in use in North Carolina prior to the

adoption of this provision, if such equipment would otherwise be subject to review in accordance with G.S. 131E-176(16)(f1.) or G.S. 131E-176(16)(p) if it had been acquired in North Carolina.

- t. Repealed.
- u. The construction, development, establishment, increase in the number, or relocation of an operating room or gastrointestinal endoscopy room in a licensed health service facility, other than the relocation of an operating room or gastrointestinal endoscopy room within the same building or on the same grounds or to grounds not separated by more than a public right-of-way adjacent to the grounds where the operating room is or gastrointestinal endoscopy room is currently located.
- v. The change in designation, in a licensed health service facility, of an operating room to a gastrointestinal endoscopy room or change in designation of a gastrointestinal endoscopy room to an operating room that results in a different number of each type of room than is reflected on the health service facility's license in effect as of January 1, 2005.
- "North Carolina State Health Coordinating Council" means the Council that prepares, with the Department of Health and Human Services, the State Medical Facilities Plan.
- (17a) "Nursing care" means:
 - Skilled nursing care and related services for residents who require medical or nursing care;
 - b. Rehabilitation services for the rehabilitation of injured, disabled, or sick persons; or
 - c. Health-related care and services provided on a regular basis to individuals who because of their mental or physical condition require care and services above the level of room and board, which can be made available to them only through institutional facilities.

These are services which are not primarily for the care and treatment of mental diseases.

- (17b) "Nursing home facility" means a health service facility whose bed complement of health service facility beds is composed principally of nursing home facility beds.
- (18) To "offer," when used in connection with health services, means that the person holds himself out as capable of providing, or as having the means for the provision of, specified health services.
- (18a) Repealed. 8-26-05
- (18b) "Open-heart surgery services" means the provision of surgical procedures that utilize a heart-lung bypass machine during surgery to correct cardiac and coronary artery disease or defects.
- (18c) "Operating room" means a room used for the performance of surgical procedures requiring one or more incisions and that is required to comply with all applicable licensure codes and standards for an operating room.
- (19) "Person" means an individual, a trust or estate, a partnership, a corporation, including associations, joint stock companies, and insurance companies; the State, or a political subdivision or agency or instrumentality of the State.
- (19a) "Positron emission tomography scanner" means equipment that utilizes a computerized radiographic technique that employs radioactive substances to examine the metabolic activity of various body structures.
- (20) "Project" or "capital expenditure project" means a proposal to undertake a capital expenditure that results in the offering of a new institutional health service as defined by this Article. A project, or capital expenditure project, or proposed project may refer to the project from its earliest planning stages up through the point at which the specified new institutional health service may be offered. In the case of facility construction, the point at which the new institutional health service may be offered must take place after the facility is capable of being fully licensed and operated for its

- intended use, and at that time it shall be considered a health service facility.
- (21) "Psychiatric facility" means a public or private facility licensed pursuant to Article 2 of Chapter 122C of the General Statutes and which is primarily engaged in providing to inpatients, by or under the supervision of a physician, psychiatric services for the diagnosis and treatment of mentally ill persons.
- (22) "Rehabilitation facility" means a public or private inpatient facility which is operated for the primary purpose of assisting in the rehabilitation of disabled persons through an integrated program of medical and other services which are provided under competent, professional supervision.
- (22a) "Replacement equipment" means equipment that costs less than two million dollars (\$2,000,000) and is purchased for the sole purpose of replacing comparable medical equipment currently in use which will be sold or otherwise disposed of when replaced. In determining whether the replacement equipment costs less than two million dollars (\$2,000,000), the costs of equipment, studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the replacement equipment shall be included. The capital expenditure for the equipment shall be deemed to be the fair market value of the equipment or the cost of the equipment, whichever is greater.
- (23) Repealed.
- (24) Repealed.
- (24a) "Service area" means the area of the State, as defined in the State Medical Facilities Plan or in rules adopted by the Department, which receives services from a health service facility.
- (24b) "Simulator" means a machine that produces high quality diagnostic radiographs and precisely reproduces the geometric relationships of megavoltage radiation therapy equipment to the patient.
- (24c) Reserved for future codification.
- (24d) "Solid organ transplantation services" means the provision of surgical procedures and the interrelated medical services that accompany the surgery to remove an organ from a patient and surgically implant an organ from a donor.
- (24e) Reserved for future codification.
- (24f) "Specialty ambulatory surgical program" means a formal program for providing on a same-day basis surgical procedures for only the specialty areas identified on the ambulatory surgical facility's 1993 Application for Licensure as an Ambulatory Surgical Center and authorized by its certificate of need.
- "State Medical Facilities Plan" means the plan prepared by the Department of Health and Human Services and the North Carolina State Health Coordinating Council, and approved by the Governor. In preparing the Plan, the Department and the State Health Coordinating Council shall maintain a mailing list of persons who have requested notice of public hearings regarding the Plan. Not less than 15 days prior to a scheduled public hearing, the Department shall notify persons on its mailing list of the date, time, and location of the hearing. The Department shall hold at least one public hearing prior to the adoption of the proposed Plan and at least six public hearings after the adoption of the proposed Plan by the State Health Coordinating Council. The Council shall accept oral and written comments from the public concerning the Plan.
- (26) Repealed.
- (27) Repealed.

§ 131E-177. Department of Health and Human Services is designated State Health Planning and Development Agency; powers and duties.

The Department of Health and Human Services is designated as the State Health Planning and Development Agency for the State of North Carolina, and is empowered to exercise the following powers and duties:

- (1) To establish standards and criteria or plans required to carry out the provisions and purposes of this Article and to adopt rules pursuant to Chapter 150B of the General Statutes, to carry out the purposes and provisions of this Article;
- (2) Adopt, amend, and repeal such rules and regulations, consistent with the laws of this State, as may be required by the federal government for grants-in-aid for health service facilities and health planning which may be made available by the federal government. This section shall be liberally construed in order that the State and its citizens may benefit from such grants-in-aid;
- (3) Define, by rule, procedures for submission of periodic reports by persons or health service facilities subject to agency review under this Article;
- (4) Develop policy, criteria, and standards for health service facilities planning; shall conduct statewide registration and inventories of and make determinations of need for health service facilities, health services as specified in G.S. 131E-176(16)f., and equipment as specified in G.S. 131E-176(16)f1., which shall include consideration of adequate geographic location of equipment and services; and develop a State Medical Facilities Plan;
- (5) Implement, by rule, criteria for project review;
- (6) Have the power to grant, deny, or withdraw a certificate of need and to impose such sanctions as are provided for by this Article;
- (7) Solicit, accept, hold and administer on behalf of the State any grants or bequests of money, securities or property to the Department for use by the Department in the administration of this Article; and
- (8) Repealed.
- (9) Collect fees for submitting applications for certificates of need.
- (10) The authority to review all records in any recording medium of any person or health service facility subject to agency review under this Article which pertain to construction and acquisition activities, staffing or costs and charges for patient care, including but not limited to, construction contracts, architectural contracts, consultant contracts, purchase orders, cancelled checks, accounting and financial records, debt instruments, loan and security agreements, staffing records, utilization statistics and any other records the Department deems to be reasonably necessary to determine compliance with this Article.

The Secretary of Health and Human Services shall have final decision-making authority with regard to all functions described in this section.

§ 131E-178. Activities requiring certificate of need.

- (a) No person shall offer or develop a new institutional health service without first obtaining a certificate of need from the Department; provided, however, no person who provides gastrointestinal endoscopy procedures in one or more gastrointestinal endoscopy rooms located in a nonlicensed setting, shall be required to obtain a certificate of need to license that setting as an ambulatory surgical facility with the existing number of gastrointestinal endoscopy rooms, provided that:
 - (1) The license application is postmarked for delivery to the Division of Health Service Regulation by December 31, 2006;
 - (2) The applicant verifies, by affidavit submitted to the Division of Health Service Regulation within 60 days of the effective date of this act, that the facility is in operation as of the effective date of this act or that the completed application for the building permit for the facility was submitted by the effective date of this act;
 - (3) The facility has been accredited by The Accreditation Association for Ambulatory Health Care, The Joint Commission on Accreditation of Healthcare Organizations, or The American Association for Accreditation of Ambulatory Surgical Facilities by the time the license application is postmarked for delivery to the Division of Health Service Regulation of the Department; and

(4) The license application includes a commitment and plan for serving indigent and medically underserved populations.

All other persons proposing to obtain a license to establish an ambulatory surgical facility for the provision of gastrointestinal endoscopy procedures shall be required to obtain a certificate of need. The annual State Medical Facilities Plan shall not include policies or need determinations that limit the number of gastrointestinal endoscopy rooms that may be approved.

- (b) No person shall make an acquisition by donation, lease, transfer, or comparable arrangement without first obtaining a certificate of need from the Department, if the acquisition would have been a new institutional health service if it had been made by purchase. In determining whether an acquisition would have been a new institutional health service, the capital expenditure for the asset shall be deemed to be the fair market value of the asset or the cost of the asset, whichever is greater.
- (c) No person shall incur an obligation for a capital expenditure which is a new institutional health service without first obtaining a certificate of need from the Department. An obligation for a capital expenditure is incurred when:
 - (1) An enforceable contract, excepting contracts which are expressly contingent upon issuance of a certificate of need, is entered into by a person for the construction, acquisition, lease or financing of a capital asset;
 - (2) A person takes formal action to commit funds for a construction project undertaken as his own contractor; or
 - (3) In the case of donated property, the date on which the gift is completed.
- (d) Where the estimated cost of a proposed capital expenditure, including the fair market value of equipment acquired by purchase, lease, transfer, or other comparable arrangement, is certified by a licensed architect or engineer to be equal to or less than the expenditure minimum for capital expenditure for new institutional health services, such expenditure shall be deemed not to exceed the amount for new institutional health services regardless of the actual amount expended, provided that the following conditions are met:
 - (1) The certified estimated cost is prepared in writing 60 days or more before the obligation for the capital expenditure is incurred. Certified cost estimates shall be available for inspection at the facility and sent to the Department upon its request.
 - (2) The facility on whose behalf the expenditure was made notifies the Department in writing within 30 days of the date on which such expenditure is made if the expenditure exceeds the expenditure minimum for capital expenditures. The notice shall include a copy of the certified cost estimate.
- (e) The Department may grant certificates of need which permit capital expenditures only for predevelopment activities. Predevelopment activities include the preparation of architectural designs, plans, working drawings, or specifications, the preparation of studies and surveys, and the acquisition of a potential site.

§ 131E-179. Research activities.

- (a) Notwithstanding any other provisions of this Article, a health service facility may offer new institutional health services to be used solely for research, or incur the obligation of a capital expenditure solely for research, without a certificate of need, if the Department grants an exemption. The Department shall grant an exemption if the health service facility files a notice of intent with the Department in accordance with rules promulgated by the Department and if the Department finds that the offering or obligation will not:
 - (1) Affect the charges of the health service facility for the provision of medical or other patient care services other than services which are included in the research;
 - (2) Substantially change the bed capacity of the facility; or
 - (3) Substantially change the medical or other patient care services of the facility.
- (b) After a health service facility has received an exemption pursuant to subsection (a) of this section, it shall not offer the new institutional health services, or use a facility acquired through the capital expenditure, in a manner which affects the charges of the facility for the provision of medical or other patient care services, other than the services which are included in the research and shall not charge patients

for the use of the service for which an exemption has been granted, without first obtaining a certificate of need from the Department; provided, however, that any facility or service acquired or developed under the exemption provided by this section shall not be subject to the foregoing restrictions on its use if the facility or service could otherwise be offered or developed without a certificate of need.

(c) Any of the activities described in subsection (a) of this section shall be deemed to be solely for research even if they include patient care provided on an occasional and irregular basis and not as a part of the research program.

§ 131E-180. Repealed. 8-26-05

§ 131E-181. Nature of certificate of need.

- (a) A certificate of need shall be valid only for the defined scope, physical location, and person named in the application. A certificate of need shall not be transferred or assigned except as provided in G.S. 131E-189(c).
- (b) A recipient of a certificate of need, or any person who may subsequently acquire, in any manner whatsoever permitted by law, the service for which that certificate of need was issued, is required to materially comply with the representations made in its application for that certificate of need. The Department shall require any recipient of a certificate of need, or its successor, whose service is in operation to submit to the Department evidence that the recipient, or its successor, is in material compliance with the representations made in its application for the certificate of need which granted the recipient the right to operate that service. In determining whether the recipient of a certificate of need, or its successor, is operating a service which materially differs from the representations made in its application for that certificate of need, the Department shall consider cost increases to the recipient, or its successor, including, but not limited to, the following:
 - (1) Any increase in the consumer price index;
 - (2) Any increased cost incurred because of Government requirements, including federal, State, or any political subdivision thereof; and
 - (3) Any increase in cost due to professional fees or the purchase of services and supplies.
- (c) Whenever a certificate of need is issued more than 12 months after the application for the certificate of need began review, the Department shall adjust the capital expenditure amount proposed by increasing it to reflect any inflation in the Department of Commerce's Construction Cost Index that has occurred since the date when the application began review; and the Department shall use this recalculated capital expenditure amount in the certificate of need issued for the project.
- (d) A project authorized by a certificate of need is complete when the health service or the health service facility for which the certificate of need was issued is licensed and certified and is in material compliance with the representations made in the certificate of need application.

§ 131E-182. Application.

- (a) The Department in its rules shall establish schedules for submission and review of completed applications. The schedules shall provide that applications for similar proposals in the same service area will be reviewed together. However, there shall not be a review schedule prior to February 1, 2006, for submission and review of certificate of need applications that propose an increase in the number of licensed gastrointestinal endoscopy rooms. An applicant for a certificate of need to establish a licensed gastrointestinal endoscopy room shall show that it is performing or reasonably projects to perform at least 1,500 gastrointestinal endoscopy procedures per gastrointestinal endoscopy room per year.
- (b) An application for a certificate of need shall be made on forms provided by the Department. The application forms, which may vary according to the type of proposal, shall require such information as the Department, by its rules deems necessary to conduct the review. An applicant shall be required to furnish only that information necessary to determine whether the proposed new institutional health service is consistent with the review criteria implemented under G.S. 131E-183 and with duly adopted standards, plans and criteria.
 - (c) An application fee is imposed on an applicant for a certificate of need. An applicant must

submit the fee with the application. The fee is not refundable, regardless of whether a certificate of need is issued. Fees collected under this section shall be credited to the General Fund as nontax revenue. The application fee is five thousand dollars (\$5,000) plus an amount equal to three-tenths of one percent (.3%) of the amount of the capital expenditure proposed in the application that exceeds one million dollars (\$1,000,000). In no event may the fee exceed fifty thousand dollars (\$50,000).

§ 131E-183. Review criteria.

- (a) The Department shall review all applications utilizing the criteria outlined in this subsection and shall determine that an application is either consistent with or not in conflict with these criteria before a certificate of need for the proposed project shall be issued.
 - (1) The proposed project shall be consistent with applicable policies and need determinations in the State Medical Facilities Plan, the need determination of which constitutes a determinative limitation on the provision of any health service, health service facility, health service facility beds, dialysis stations, operating rooms, or home health offices that may be approved.
 - (2) Repealed.
 - (3) The applicant shall identify the population to be served by the proposed project, and shall demonstrate the need that this population has for the services proposed, and the extent to which all residents of the area, and, in particular, low income persons, racial and ethnic minorities, women, handicapped persons, the elderly, and other underserved groups are likely to have access to the services proposed.
 - (3a)In the case of a reduction or elimination of a service, including the relocation of a facility or a service, the applicant shall demonstrate that the needs of the population presently served will be met adequately by the proposed relocation or by alternative arrangements, and the effect of the reduction, elimination or relocation of the service on the ability of low income persons, racial and ethnic minorities, women, handicapped persons, and other underserved groups and the elderly to obtain needed health care.
 - (4) Where alternative methods of meeting the needs for the proposed project exist, the applicant shall demonstrate that the least costly or most effective alternative has been proposed.
 - (5) Financial and operational projections for the project shall demonstrate the availability of funds for capital and operating needs as well as the immediate and long-term financial feasibility of the proposal, based upon reasonable projections of the costs of and charges for providing health services by the person proposing the service.
 - (6) The applicant shall demonstrate that the proposed project will not result in unnecessary duplication of existing or approved health service capabilities or facilities.
 - (7) The applicant shall show evidence of the availability of resources, including health manpower and management personnel, for the provision of the services proposed to be provided.
 - (8) The applicant shall demonstrate that the provider of the proposed services will make available, or otherwise make arrangements for, the provision of the necessary ancillary and support services. The applicant shall also demonstrate that the proposed service will be coordinated with the existing health care system.
 - (9) An applicant proposing to provide a substantial portion of the project's services to individuals not residing in the health service area in which the project is located, or in adjacent health service areas, shall document the special needs and circumstances that warrant service to these individuals.
 - (10) When applicable, the applicant shall show that the special needs of health maintenance organizations will be fulfilled by the project. Specifically, the applicant shall show that the project accommodates:
 - a. The needs of enrolled members and reasonably anticipated new members of the HMO for the health service to be provided by the organization; and
 - b. The availability of new health services from non-HMO providers or other HMOs

in a reasonable and cost-effective manner which is consistent with the basic method of operation of the HMO. In assessing the availability of these health services from these providers, the applicant shall consider only whether the services from these providers:

- 1. Would be available under a contract of at least five years' duration;
- 2. Would be available and conveniently accessible through physicians and other health professionals associated with the HMO;
- 3. Would cost no more than if the services were provided by the HMO; and
- 4. Would be available in a manner which is administratively feasible to the HMO.
- (11) Repealed
- (12) Applications involving construction shall demonstrate that the cost, design, and means of construction proposed represent the most reasonable alternative, and that the construction project will not unduly increase the costs of providing health services by the person proposing the construction project or the costs and charges to the public of providing health services by other persons, and that applicable energy saving features have been incorporated into the construction plans.
- (13) The applicant shall demonstrate the contribution of the proposed service in meeting the health-related needs of the elderly and of members of medically underserved groups, such as medically indigent or low income persons, Medicaid and Medicare recipients, racial and ethnic minorities, women, and handicapped persons, which have traditionally experienced difficulties in obtaining equal access to the proposed services, particularly those needs identified in the State Health Plan as deserving of priority. For the purpose of determining the extent to which the proposed service will be accessible, the applicant shall show:
 - a. The extent to which medically underserved populations currently use the applicant's existing services in comparison to the percentage of the population in the applicant's service area which is medically underserved;
 - b. Its past performance in meeting its obligation, if any, under any applicable regulations requiring provision of uncompensated care, community service, or access by minorities and handicapped persons to programs receiving federal assistance, including the existence of any civil rights access complaints against the applicant;
 - c. That the elderly and the medically underserved groups identified in this subdivision will be served by the applicant's proposed services and the extent to which each of these groups is expected to utilize the proposed services; and
 - d. That the applicant offers a range of means by which a person will have access to its services. Examples of a range of means are outpatient services, admission by house staff, and admission by personal physicians.
- (14) The applicant shall demonstrate that the proposed health services accommodate the clinical needs of health professional training programs in the area, as applicable.
- (15) through (18) Repealed.
- (18a) The applicant shall demonstrate the expected effects of the proposed services on competition in the proposed service area, including how any enhanced competition will have a positive impact upon the cost effectiveness, quality, and access to the services proposed; and in the case of applications for services where competition between providers will not have a favorable impact on cost effectiveness, quality, and access to the services proposed, the applicant shall demonstrate that its application is for a service on which competition will not have a favorable impact.
- (19) Repealed.
- (20) An applicant already involved in the provision of health services shall provide evidence that quality care has been provided in the past.
- (21) Repealed.
- (b) The Department is authorized to adopt rules for the review of particular types of

applications that will be used in addition to those criteria outlined in subsection (a) of this section and may vary according to the purpose for which a particular review is being conducted or the type of health service reviewed. No such rule adopted by the Department shall require an academic medical center teaching hospital, as defined by the State Medical Facilities Plan, to demonstrate that any facility or service at another hospital is being appropriately utilized in order for that academic medical center teaching hospital to be approved for the issuance of a certificate of need to develop any similar facility or service.

(c) Repealed.

§ 131E-184. Exemptions from review.

- (a) Except as provided in subsection (b), the Department shall exempt from certificate of need review a new institutional health service if it receives prior written notice from the entity proposing the new institutional health service, which notice includes an explanation of why the new institutional health service is required, for any of the following:
 - (1) To eliminate or prevent imminent safety hazards as defined in federal, State, or local fire, building, or life safety codes or regulations.
 - (1a)To comply with State licensure standards.
 - (1b) To comply with accreditation or certification standards which must be met to receive reimbursement under Title XVIII of the Social Security Act or payments under a State plan for medical assistance approved under Title XIX of that act.
 - (2) Repealed.
 - (3) To provide data processing equipment.
 - (4) To provide parking, heating or cooling systems, elevators, or other basic plant or mechanical improvements, unless these activities are integral portions of a project that involves the construction of a new health service facility or portion thereof and that is subject to certificate of need review.
 - (5) To replace or repair facilities destroyed or damaged by accident or natural disaster.
 - (6) To provide any nonhealth service facility or service.
 - (7) To provide replacement equipment.
 - (8) To acquire an existing health service facility, including equipment owned by the health service facility at the time of acquisition.
 - (9) To develop or acquire a physician office building regardless of cost, unless a new institutional health service other than defined in G.S. 131E-176(16)b. is offered or developed in the building.
- (b) Those portions of a proposed project which are not proposed for one or more of the purposes under subsection (a) of this section are subject to certificate of need review, if these non-exempt portions of the project are new institutional health services under G.S. 131E-176(16).
- (c) The Department shall exempt from certificate of need review any conversion of existing acute care beds to psychiatric beds provided:
 - (1) The hospital proposing the conversion has executed a contract with the Department's Division of Mental Health, Developmental Disabilities, and Substance Abuse Services and/or one or more of the Area Mental Health, Developmental Disabilities, and Substance Abuse Authorities to provide psychiatric beds to patients referred by the contracting agency or agencies; and
 - (2) The total number of beds to be converted shall not be more than twice the number of beds for which the contract pursuant to subdivision (1) of this subsection shall provide.
- (d) In accordance with, and subject to the limitations of G.S. 148-19.1, the Department shall exempt from certificate of need review the construction and operation of a new chemical dependency or substance abuse facility for the purpose of providing inpatient chemical dependency or substance abuse services solely to inmates of the Department of Correction. If an inpatient chemical dependency or substance abuse facility provides services both to inmates of the Department of Correction and to members of the general public, only the portion of the facility that serves inmates shall be exempt from certificate of need review.
 - (e) The Department shall exempt from certificate of need review a capital expenditure that

exceeds the two million dollar (\$2,000,000) threshold set forth in G.S. 131E-176(16)b. if all of the following conditions are met:

- (1) The proposed capital expenditure would:
 - a. Be used solely for the purpose of renovating, replacing on the same site, or expanding an existing:
 - 1. Nursing home facility,
 - 2. Adult care home facility, or
 - 3. Intermediate care facility for the mentally retarded; and
 - b. Not result in a change in bed capacity, as defined in G.S. 131E-176(5), or the addition of a health service facility or any other new institutional health service other than that allowed in G.S. 131E-176(16)b.
- (2) The entity proposing to incur the capital expenditure provides prior written notice to the Department, which notice includes documentation that demonstrates that the proposed capital expenditure would be used for one or more of the following purposes:
 - a. Conversion of semiprivate resident rooms to private rooms.
 - b. Providing innovative, homelike residential dining spaces, such as cafes, kitchenettes, or private dining areas to accommodate residents and their families or visitors.
 - c. Renovating, replacing, or expanding residential living or common areas to improve the quality of life of residents.

§ 131E-185. Review process.

- (a) Repealed.
- (a1)Except as provided in subsection (c) of this section, there shall be a time limit of 90 days for review of the applications, beginning on the day established by rule as the day on which applications for the particular service in the service area shall begin review.
 - (1) Any person may file written comments and exhibits concerning a proposal under review with the Department, not later than 30 days after the date on which the application begins review. These written comments may include:
 - a. Facts relating to the service area proposed in the application;
 - b. Facts relating to the representations made by the applicant in its application, and its ability to perform or fulfill the representations made;
 - c. Discussion and argument regarding whether, in light of the material contained in the application and other relevant factual material, the application complies with relevant review criteria, plans, and standards.
 - (2) No more than 20 days from the conclusion of the written comment period, the Department shall ensure that a public hearing is conducted at a place within the appropriate service area if one or more of the following circumstances apply; the review to be conducted is competitive; the proponent proposes to spend five million dollars (\$5,000,000) or more; a written request for a public hearing is received before the end of the written comment period from an affected party as defined in G.S. 131E-188(c); or the agency determines that a hearing is in the public interest. At such public hearing oral arguments may be made regarding the application or applications under review; and this public hearing shall include the following:
 - a. An opportunity for the proponent of each application under review to respond to the written comments submitted to the Department about its application;
 - b. An opportunity for any person, except one of the proponents, to comment on the applications under review;
 - An opportunity for a representative of the Department, or such other person or
 persons who are designated by the Department to conduct the hearing, to question
 each proponent of applications under review with regard to the contents of the
 application;

- The Department shall maintain a recording of any required public hearing on an application until such time as the Department's final decision is issued, or until a final agency decision is issued pursuant to a contested case hearing, whichever is later; and any person may submit a written synopsis or verbatim statement that contains the oral presentation made at the hearing.
- (3) The Department may contract or make arrangements with a person or persons located within each service area for the conduct of such public hearings as may be necessary. The Department shall publish, in each service area, notice of the contracts that it executes for the conduct of those hearings.
- (4) Within 15 days from the beginning of the review of an application or applications proposing the same service within the same service area, the Department shall publish notice of the deadline for receipt of written comments, of the time and place scheduled for the public hearing regarding the application or applications under review, and of the name and address of the person or agency that will preside.
- (5) The Department shall maintain all written comments submitted to it during the written comment stage and any written submissions received at the public hearing as part of the Department's file respecting each application or group of applications under review by it. The application, written comments, and public hearing comments, together with all documents that the Department used in arriving at its decision, from whatever source, and any documents that reflect or set out the Department's final analysis of the application or applications under review, shall constitute the Department's record for the application or applications under review.
- (a2)When an expedited review has been approved by the Department, no public hearing shall be held. The Department may contact the applicant and request additional or clarifying information, amendments to, or substitutions for portions of the application. The Department may negotiate conditions to be imposed on the certificate of need with the applicant.
 - (b) Repealed.
- (c) The Department may extend the review period for a period not to exceed 60 days and provide notice of such extension to all applicants. For expedited reviews, the Department may extend the review period only if it has requested additional substantive information from the applicant.

§ 131E-186. Decision.

- (a) Within the prescribed time limits in G.S. 131E-185, the Department shall issue a decision to "approve," "approve with conditions," or "deny," an application for a new institutional health service. Approvals involving new or expanded nursing care or intermediate care for the mentally retarded bed capacity shall include a condition that specifies the earliest possible date the new institutional health service may be certified for participation in the Medicaid program. The date shall be set far enough in advance to allow the Department to identify funds to pay for care in the new or expanded facility in its existing Medicaid budget or to include these funds in its State Medicaid budget request for the year in which Medicaid certification is expected.
- (b) Within five business days after it makes a decision on an application, the Department shall provide written notice of all the findings and conclusions upon which it based its decision, including the criteria used by the Department in making its decision, to the applicant.

§ 131E-187. Issuance of a certificate of need.

- (a) Deleted. See Session Law 2009-373; SB 804.
- (b) Deleted. See Session Law 2009-373; SB 804.
- (c) The Department shall issue a certificate of need in accordance with the time line requirements of this section but only after all applicable conditions of approval that can be satisfied before issuance of the certificate of need have been met. The Department shall issue a certificate of need within:
 - (1) Thirty-five days of the date of the decision referenced in G.S. 131E-186, when no request for a contested case hearing has been filed in accordance with G.S. 131E-188.

- (2) Five business days after it receives a file-stamped copy of the notice of voluntary dismissal, unless the voluntary dismissal is a stipulation of dismissal without prejudice.
- (3) Thirty-five days of the date of the written notice of the final agency decision affirming or approving the issuance, unless a notice of appeal to the North Carolina Court of Appeals is timely filed.
- (4) Twenty days after a mandate is issued by the North Carolina Court of Appeals affirming the issuance of a certificate of need, unless a notice of appeal or petition for discretionary review to the North Carolina Supreme Court is timely filed.
- (5) Five business days after the North Carolina Supreme Court issues a mandate affirming the issuance of a certificate of need or an order declining to certify the case for discretionary review if the order declining to certify the case disposes of the appeal in its entirety.

§ 131E-188. Administrative and judicial review.

(a) After a decision of the Department to issue, deny or withdraw a certificate of need or exemption or to issue a certificate of need pursuant to a settlement agreement with an applicant to the extent permitted by law, any affected person, as defined in subsection (c) of this section, shall be entitled to a contested case hearing under Article 3 of Chapter 150B of the General Statutes. A petition for a contested case shall be filed within 30 days after the Department makes its decision. When a petition is filed, the Department shall send notification of the petition to the proponent of each application that was reviewed with the application for a certificate of need that is the subject of the petition. Any affected person shall be entitled to intervene in a contested case.

A contested case shall be conducted in accordance with the following timetable:

- (1) An administrative law judge or a hearing officer, as appropriate, shall be assigned within 15 days after a petition is filed.
- (2) The parties shall complete discovery within 90 days after the assignment of the administrative law judge or hearing officer.
- (3) The hearing at which sworn testimony is taken and evidence is presented shall be held within 45 days after the end of the discovery period.
- (4) The administrative law judge or hearing officer shall make his recommended decision within 75 days after the hearing.
- (5) The Department shall make its final decision within 30 days of receiving the official record of the case from the Office of Administrative Hearings.

The administrative law judge or hearing officer assigned to a case may extend the deadlines in subdivisions (2) through (4) so long as the administrative law judge or hearing officer makes his recommended decision in the case within 270 days after the petition is filed. The Department may extend the deadline in subdivision (5) for up to 30 days by giving all parties written notice of the extension.

(a1) On or before the date of filing a petition for a contested case hearing on the approval of an applicant for a certificate of need, the petitioner shall deposit a bond with the clerk of superior court where the new institutional health service that is the subject of the petition is proposed to be located. The bond shall be secured by cash or its equivalent in an amount equal to five percent (5%) of the cost of the proposed new institutional health service that is the subject of the petition, but may not be less than five thousand dollars (\$5,000) and may not exceed fifty thousand dollars (\$50,000). A petitioner who received approval for a certificate of need and is contesting only a condition in the certificate is not required to file a bond under this subsection.

The applicant who received approval for the new institutional health service that is the subject of the petition may bring an action against a bond filed under this subsection in the superior court of the county where the bond was filed. Upon finding that the petition for a contested case was frivolous or filed to delay the applicant, the court may award the applicant part or all of the bond filed under this subsection. At the conclusion of the contested case, if the court does not find that the petition for a contested case was frivolous or filed to delay the applicant, the petitioner shall be entitled to the return of the bond deposited with the superior court upon demonstrating to the clerk of superior court where the bond was filed that the contested case hearing is concluded.

- (b) Any affected person who was a party in a contested case hearing shall be entitled to judicial review of all or any portion of any final decision of the Department in the following manner. The appeal shall be to the Court of Appeals as provided in G.S. 7A-29(a). The procedure for the appeal shall be as provided by the rules of appellate procedure. The appeal of the final decision of the Department shall be taken within 30 days of the receipt of the written notice of final decision, and notice of appeal shall be filed with the Division of Health Service Regulation, Department of Health and Human Services and served on all other affected persons who were parties to the contested hearing.
 - (b1) Before filing an appeal of a final decision by the Department granting a certificate of need, the affected person shall deposit a bond with the Clerk of the Court of Appeals.
 - (1) The bond shall be secured by cash or its equivalent in an amount equal to five percent (5%) of the cost of the proposed new institutional health service that is the subject of the appeal, but may not be less than five thousand dollars (\$5,000) and may not exceed fifty thousand dollars (\$50,000); provided that the applicant who received approval of the certificate of need may petition the Court of Appeals for a higher bond amount for the payment of such costs and damages as may be awarded pursuant to subdivision (2) of this subsection. This amount shall be determined by the Court in its discretion, not to exceed three hundred thousand dollars (\$300,000). A holder of a certificate of need who is appealing only a condition in the certificate is not required to file a bond under this subsection.
 - (2) If the Court of Appeals finds that the appeal was frivolous or filed to delay the applicant, the court shall remand the case to the superior court of the county where a bond was filed for the contested case hearing on the certificate of need. The superior court may award the holder of the certificate of need part or all of the bond. The court shall award the holder of the certificate of need reasonable attorney fees and costs incurred in the appeal to the Court of Appeals. If the Court of Appeals does not find that the appeal was frivolous or filed to delay the applicant and does not remand the case to superior court for a possible award of all or part of the bond to the holder of the certificate of need, the person originally filing the bond shall be entitled to a return of the bond.
- (c) The term "affected persons" includes: the applicant; any individual residing within the service area or the geographic area served or to be served by the applicant; any individual who regularly uses health service facilities within that geographic area or the service area; any person who provides services, similar to the services under review, to individuals residing within the service area or the geographic area proposed to be served by the applicant; any person who, prior to receipt by the agency of the proposal being reviewed, has provided written notice to the agency of an intention to provide similar services in the future to individuals residing within the service area or the geographic area to be served by the applicant; third party payers who reimburse health service facilities for services in the service area in which the project is proposed to be located; and any agency which establishes rates for health service facilities or HMOs located in the service area in which the project is proposed to be located.

§ 131E-189. Withdrawal of a certificate of need.

- (a) The Department shall specify in each certificate of need the time the holder has to make the service or equipment available or to complete the project and the timetable to be followed. The timetable shall be the one proposed by the holder of the certificate of need unless the Department specifies a different timetable in its decision letter. The holder of the certificate shall submit such periodic reports on his progress in meeting the timetable as may be required by the Department. If no progress report is provided or, after reviewing the progress, the Department determines that the holder of the certificate is not meeting the timetable and the holder cannot demonstrate that it is making good faith efforts to meet the timetable, the Department may withdraw the certificate. If the Department determines that the holder of the certificate is making a good faith effort to meet the timetable, the Department may, at the request of the holder, extend the timetable for a specified period.
- (b) The Department may withdraw any certificate of need, if the holder of the certificate fails to develop the service in a manner consistent with the representations made in the application or with any condition or conditions the Department placed on the certificate of need.
 - (c) The Department may immediately withdraw any certificate of need if the holder of the certificate,

before completion of the project or operation of the facility, transfers ownership or control of the facility, the project, or the certificate of need. Any transfer after that time will be subject to the requirement that the service be provided consistent with the representations made in the application and any applicable conditions the Department placed on the certificate of need. Transfers resulting from death or personal illness or other good cause, as determined by the Department, shall not result in withdrawal if the Department receives prior written notice of the transfer and finds good cause. Transfers resulting from death shall not result in withdrawal.

§ 131E-190. Enforcement and sanctions.

- (a) Only those new institutional health services which are found by the Department to be needed as provided in this Article and granted certificates of need shall be offered or developed within the State.
- (b) No formal commitments made for financing, construction, or acquisition regarding the offering or development of a new institutional health service shall be made by any person unless a certificate of need for such service or activities has been granted.
 - (c) Repealed.
- (d) If any person proceeds to offer or develop a new institutional health service without having first obtained a certificate of need for such services, the penalty for such violation of this Article and rules hereunder may include the withholding of federal and State funds under Titles V, XVIII, and XIX of the Social Security Act for reimbursement of capital and operating expenses related to the provision of the new institutional health service.
- (e) The Department may revoke or suspend the license of any person who proceeds to offer or develop a new institutional health service without having first obtained a certificate of need for such services.
- (f) The Department may assess a civil penalty of not more than twenty thousand dollars (\$20,000) against any person who knowingly offers or develops any new institutional health service within the meaning of this Article without a certificate of need issued under this Article and the rules pertaining thereto, or in violation of the terms or conditions of such a certificate, whenever it determines a violation has occurred and each time the service is provided in violation of this provision. In determining the amount of the penalty the Department shall consider the degree and extent of harm caused by the violation and the cost of rectifying the damage. A person who is assessed a penalty shall be notified of the penalty by registered or certified mail. The notice shall state the reasons for the penalty. If a person fails to pay a penalty, the Department shall refer the matter to the Attorney General for collection. For the purpose of this subsection, the word "person" shall not include an individual in his capacity as an officer, director, or employee of a person as otherwise defined in this Article.
- (g) No agency of the State or any of its political subdivisions may appropriate or grant funds or financially assist in any way a person, applicant, or facility which is or whose project is in violation of this Article.
- (h) If any person proceeds to offer or develop a new institutional health service without having first obtained a certificate of need for such services, the Secretary of Health and Human Services or any person aggrieved, as defined by G.S. 150B-2(6), may bring a civil action for injunctive relief, temporary or permanent, against the person offering, developing or operating any new institutional health service. The action may be brought in the superior court of any county in which the health service facility is located or in the superior court of Wake County.
- (i) If the Department determines that the recipient of a certificate of need, or its successor, is operating a service which materially differs from the representations made in its application for that certificate of need, the Department may bring an action in Wake County Superior Court or the superior court of any county in which the certificate of need is to be utilized for injunctive relief, temporary or permanent, requiring the recipient, or its successor, to materially comply with the representations in its application. The Department may also bring an action in Wake County Superior Court or the superior court of any county in which the certificate of need is to be utilized to enforce the provisions of this subsection and G.S. 131E-181(b) and the rules adopted in accordance with this subsection and G.S. 131E-181(b).



North Carolina Department of Health and Human Services. Division of Facility Services Certificate of Need Section

2704 Mail Service Center * Raleigh, North Carolina 27699-2704

Michael F. Easley, Governor Carmen Hooker Odom., Secretary http://facility-services_state_nc.us

Lee Hoffman, Section Chief Phone: 919-855-3873

Fax: 919-733-8139

DFS ADVISORY

Title:

Regulation of Detoxification Services Provided in Hospitals Licensed under Article 5,

Chapter 131E, of the General Statutes

Date:

October 22, 2003

<u>Purpose</u>

The purpose of this Advisory is to provide The Agency's interpretation of the certificate of need requirements for acute care hospitals to develop new or expanded detoxification services and interpretation of hospital licensing requirements for beds used for detoxification services.

Background

House Bill 815, which revised Article 9, Chapter 131E, the Certificate of Need Law, was approved August 7, 2003, and excludes "social setting detoxification" and "medical detoxification" facilities from the definition of chemical treatment facilities licensed under Chapter 122C. Consequently, the Certificate of Need Law no longer regulates the development of facilities licensed as "non-hospital medical detoxification for individuals who are substance abusers" or "social setting detoxification for substance abuse."

Policy

The change in the law did not revise the definition of a "chemical treatment facility" for detoxification units in an acute care hospital licensed under Article 5, Chapter 131E. Pursuant to enactment of House Bill 815, the Agency recently reviewed the licensure regulations for acute care hospitals and determined there is no licensure category for medical detoxification services that is separate from the licensure categories for psychiatric, substance abuse or acute care beds. In other words, medical detoxification services may be a component of licensed psychiatric, substance abuse and acute care services in acute care hospitals. Therefore, acute care hospitals may provide medical detoxification services in existing licensed psychiatric, substance abuse/chemical dependency treatment or acute care beds without a certificate of need. As a result of this interpretation, the Agency will revise current licenses for acute care hospitals to change the existing licensed medical detoxification beds to licensed chemical dependency/substance abuse treatment beds given that, to date, detoxification beds have been recognized by the Agency as one type of substance abuse bed.

In summary, if an acute care hospital wants to develop new or expanded detoxification services at this time, it may do so without a certificate of need, as long as the services are provided in an existing licensed acute care, psychiatric or substance abuse bed. However, if an acute care hospital wants to increase the bed capacity in its facility to develop or expand detoxification services, it must first obtain a certificate of need to add either licensed acute care, psychiatric or substance abuse beds for that purpos





State Medical Facilities Plan