

STATE HEALTH COORDINATING COUNCIL

2017

STATE
MEDICAL
FACILITIES
PLAN



Health Service Regulation
HEALTH AND HUMAN SERVICES

NORTH CAROLINA 2017 STATE MEDICAL FACILITIES PLAN

Effective January 1, 2017

Prepared by the
North Carolina Department of Health and Human Services
Division of Health Service Regulation
Healthcare Planning and Certificate of Need Section

Under the direction of the
North Carolina State Health Coordinating Council

For information contact the
North Carolina Division of Health Service Regulation
2704 Mail Service Center
Raleigh, North Carolina 27699-2704

www2.ncdhhs.gov/dhsr/ncsmfp/index.html

(919) 855 - 3865 Telephone Number

NOTE: Data used in the North Carolina 2017 State Medical Facilities Plan was last updated October 7, 2016.



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North Carolina Department of Health and Human Services
Division of Health Service Regulation

Pat McCrory
Governor

Richard O. Brajer
Secretary DHHS

Mark Payne
Division Director

October 26, 2016

The Honorable Pat McCrory, Governor
State of North Carolina
20301 Mail Service Center
Raleigh, NC 27699-0301

Dear Governor McCrory:

On behalf of the North Carolina State Health Coordinating Council, I am pleased to forward our recommendations for the North Carolina 2017 State Medical Facilities Plan. This Plan is the culmination of a year's work by the council, its committees and Healthcare Planning staff.

The council has 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 2017 certificate of need reviews.

Sincerely,

A handwritten signature in black ink that reads "Christopher G. Ullrich" with a stylized flourish at the end.

Christopher G. Ullrich, M.D., Chairman
N.C. State Health Coordinating Council

CGU:pb

Enclosure

cc: Richard Brajer, DHHS Secretary
Mark Payne, Division Director



Office of the Director

<http://www.ncdhhs.gov/dhhs/>

Phone: 919-855-3750 / Fax: 919-733-2757

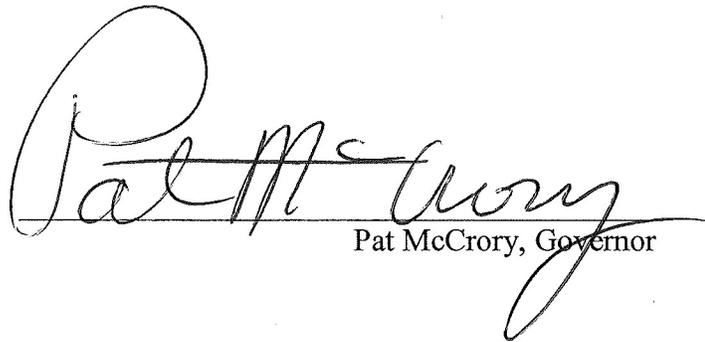
Location: 809 Ruggles Drive n Dorothea Dix Hospital Campus n Raleigh, N.C. 27603

Mailing Address: 2701 Mail Service Center • Raleigh, North Carolina 27699-2701

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I hereby approve the North Carolina 2017 State Medical Facilities Plan effective January 1, 2017.



Pat McCrory, Governor

12-14-16
Date

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DISCLAIMER

The North Carolina 2017 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 www2.ncdhhs.gov/dhsr/ncsmfp/index.html as they are approved. Check the web site for updates.

Chapter 1:

Overview of the North Carolina 2017 State Medical Facilities Plan

CHAPTER 1

OVERVIEW OF THE NORTH CAROLINA 2017 STATE MEDICAL FACILITIES PLAN

Purpose

The North Carolina 2017 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
- ◆ adult care facilities
- ◆ end-stage renal disease dialysis facilities
- ◆ hospice home care and hospice inpatient beds
- ◆ inpatient rehabilitation facilities
- ◆ intermediate care facilities for individuals with intellectual disabilities
- ◆ Medicare-certified home health agencies
- ◆ nursing care facilities
- ◆ operating rooms
- ◆ other acute care services
- ◆ psychiatric hospital units and specialty hospitals
- ◆ substance use disorder hospital units, specialty hospitals, and residential facilities
- ◆ technology and equipment services

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 any 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 in 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 circumstances where all competitors deliver like services to similar populations.

The SHCC assigns the highest priority to a need 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 the 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, insofar 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. 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, Healthcare Planning and Certificate of Need Section.

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

Telephone Number: (919) 855-3865

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.

North Carolina State Health Coordinating Council Members

<u>Members:</u>	<u>Representing:</u>	<u>From:</u>
Christopher Ullrich, MD, Chairman	At-Large	Charlotte
Stephen Lawler, Vice-chairman	Hospitals	Charlotte
Trey Adams	Small Business & Industry	Raleigh
Christina Apperson	At-Large	Raleigh
Peter Brunnick	Hospice	Charlotte
James Burgin	County Government (Rural)	Angier
Stephen DeBiasi	At-Large	Wilmington
Mark Ellis, MD	At-Large	Charlotte
Sandra Greene, DrPH	Academic Medical Centers	Chapel Hill
Ralph Hise	N.C. Senate	Spruce Pine
Kelly Hollis	Large Business & Industry	Raleigh
Kurt Jakusz	Home Care Facilities	Asheville
Valarie Jarvis	At-Large	Durham
Lyndon Jordan III, MD	At-Large	Raleigh
Donny Lambeth	N.C. House of Representatives	Winston-Salem
Kenneth Lewis	Health Insurance Industry	Pinehurst
Brian Lucas	At-Large	Charlotte
James Martin, Jr.	Nursing Homes	Hickory
Robert McBride, MD	At-Large	Charlotte
Denise Michaud	Local Health Director	Lenoir
Jeffrey Moore, MD	At-Large	Morehead City
Jaylan Parikh, MD	At-Large	Dunn
Prashant Patel, MD	Physician	Cary
Thomas Pulliam, MD	At-Large	Southern Pines

Committees and Staff Members

Acute Care Services Committee

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

Sandra Greene, DrPH (Chair); Christina Apperson; Mark Ellis, MD; Representative Donny Lambeth; Stephen Lawler; Kenneth Lewis; Robert McBride, MD

Staffed by: Amy Craddock, PhD

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 use disorder inpatient and residential services (chemical dependency treatment beds), and intermediate care facilities for individuals with intellectual disabilities:

T.J. Pulliam, MD, (Chair); Peter Brunnick; James Burgin; Stephen DeBiasi; Kurt Jakusz; James Martin, Jr.; Denise Michaud; Jaylan Parikh, MD

Staffed by: Elizabeth Brown; Amy Craddock, PhD; and Andrea Emanuel, PhD

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); Trey Adams; Senator Ralph Hise; Kelly Hollis; Valarie Jarvis; Lyndon Jordan III, MD; Brian Lucas; Jeffrey Moore, MD; Prashant Patel, MD

Staffed by: Patrick Curry

Healthcare Planning Staff

Paige Bennett, Assistant Chief Healthcare Planning
Elizabeth Brown, Planner
Amy Craddock, PhD, Planner
Patrick Curry, Planner
Andrea Emanuel, PhD, Planner
Tom Dickson, PhD, Database Manager

Division of Health Service Regulation

Mark Payne, Director

Maps courtesy of Braxton C. Hayden, updated June 2016.

Chapter 2:

Amendments and Revisions to the State Medical Facilities Plan

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 Healthcare Planning and Certificate of Need Section staff as early in the year as possible, and to submit petitions no later than March 1, 2017. 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 Facilities 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, Healthcare Planning by 5:00 p.m. on March 1, 2017. Petitions must be submitted by e-mail, mail or hand delivery.

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

Mail: North Carolina Division of Health Service Regulation
Healthcare Planning
2704 Mail Service Center
Raleigh, North Carolina 27699-2704

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

809 Ruggles 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. The Division will prepare an agency report. Staff may request additional information from the petitioner, or other people or organizations who may be affected by the proposed change.
2. 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.
3. 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 Proposed 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 calendar year.

Petitions for Adjustments to Need Determinations

A North Carolina Proposed 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 North Carolina Proposed State Medical Facilities Plan is determined annually and dates are available from Healthcare Planning 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 North Carolina Proposed State Medical Facilities Plan. These petitions should be delivered to Healthcare Planning 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 North Carolina Proposed 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 North Carolina 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 North Carolina Proposed State Medical Facilities Plan.

Petitioners should also be aware that Healthcare Planning staff, in reviewing the proposed adjustment, may request additional information and opinions from the petitioner or any other people and organizations 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 Healthcare Planning by 5:00 p.m. on July 26, 2017. Petitions must be submitted by e-mail, mail or hand delivery.

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

Mail: North Carolina Division of Health Service Regulation
Healthcare Planning
2704 Mail Service Center
Raleigh, North Carolina 27699-2704

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

809 Ruggles 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. The Division will prepare an agency report. Staff may request additional information from the petitioner, or other people or organizations who may be affected by the proposed change.
2. 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.
3. 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 draft of the 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://www2.ncdhhs.gov/dhsr/mfp/meetings.html>

North Carolina State Health Coordinating Council

(All meetings begin at 10:00 a.m.)

March 1, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh NC Brown Building Room 104
June 7, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh NC Brown Building Room 104
September 6, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh NC Brown Building Room 104
October 4, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh NC Brown Building Room 104

Directions to the Brown Building can be found at:

<http://www2.ncdhhs.gov/dhsr/brown.html>

The Council will conduct a public hearing on statewide issues related to development of the North Carolina Proposed 2018 State Medical Facilities Plan immediately following the business meeting on March 1, 2017.

Committee Meetings for 2017

(All meetings begin at 10:00 a.m.)

Acute Care Services Committee

April 4, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104
May 2, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104
September 12, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104

Long-Term and Behavioral Health Committee

April 7, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104
May 5, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104
September 8, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104

Technology and Equipment Committee

April 19, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104
May 10, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104
September 13, 2017	Dorothea Dix Campus 801 Biggs Drive – Raleigh, N.C. Brown Building – Room 104

Deadlines for Petitions and Comments, and Public Hearing Schedule

The deadline for receipt by Healthcare Planning of petitions, written comments and written comments on petitions and comments is 5:00 p.m. on dates listed below.

- March 1, 2017 The Council will conduct a Public Hearing on statewide issues related to Development of the North Carolina Proposed 2018 State Medical Facilities Plan (SMFP) immediately following the business meeting.
- March 16, 2017 Deadline for receipt by Healthcare Planning of any written comments regarding petitions or comments submitted by the March 1st deadline on statewide issues related to development of the North Carolina Proposed 2018 State Medical Facilities Plan.

2017 Schedule for Public Hearings on the N.C. Proposed 2018 SMFP

(All hearings begin at 1:30 p.m.)

July 11, 2017	Greensboro	The Women’s Hospital
July 14, 2017	Wilmington	New Hanover County - Main Library
July 18, 2017	Concord	CHS - NorthEast
July 21, 2017	Asheville	Mountain Area Health Education Center
July 24, 2017	Greenville	Pitt County Office Building
July 26, 2017	Raleigh	Dorothea Dix Campus – Brown Building

- July 26, 2017 Deadline for receipt by Healthcare Planning of petitions for adjustments to need determinations and other written comments regarding the North Carolina Proposed 2018 State Medical Facilities Plan.

- August 10, 2017 Deadline for receipt by the Healthcare Planning of any written comments on petitions or comments submitted by the July 26th deadline regarding adjusted need determinations or other issues arising from the North Carolina Proposed 2018 State Medical Facilities Plan.

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. Certificate of Need 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 Certificate of Need 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: Acute Care Services

- new acute care hospitals;
- new or additional campus of an existing acute care hospital;
- new or additional acute care beds;
- relocation of existing or approved acute care beds within the same service area;
- relocation of existing acute care hospital within the same service area;
- new or additional intensive care services;
- new or expanded satellite emergency department;
- offering inpatient dialysis services;
- new transplantation services;
- new open heart surgery services;
- new long-term care hospitals or beds, including conversion of acute care beds to long-term care hospital beds; and
- Policy AC-3 projects.

Category B: Nursing and Adult Care Services

- new nursing facilities or beds;
- relocation of existing or approved nursing facility beds within the same service area;
- relocation of nursing facility beds pursuant to Policy NH-6;
- transfer of nursing facility beds from state psychiatric hospitals pursuant to Policy NH-5;
- new adult care home facilities or beds;
- relocation of existing or approved adult care home beds within the same service area;
- relocation of adult care home beds to a contiguous county pursuant to Policy LTC-2; and
- new or existing continuing care retirement communities applying pursuant to Policy NH-2 or Policy LTC-1.

Category C: Psychiatric, Substance Use Disorder or Intellectual Disability Services

- new psychiatric facilities or beds;
- relocation of existing or approved psychiatric beds within the same service area;
- transfer of psychiatric beds from state psychiatric hospitals pursuant to Policy PSY-1;
- new substance use disorder facilities or beds;
- relocation of existing or approved substance use disorder beds within the same service area;
- new intermediate care facilities or beds for individuals with intellectual disabilities (ICF/IID);
- relocation of existing or approved ICF/IID beds within the same service area; and
- transfer of ICF/IID beds from state developmental centers pursuant to Chapter 858 of the 1983 Session Laws, Policy ICF/IID-1, Policy ICF/IID-2 or Policy ICF/IID-3.

Category D: Dialysis Services

- new certified dialysis stations (April 1st and October 1st Review Cycles only);
- relocation of existing certified dialysis stations pursuant to Policy ESRD-2; and
- new kidney disease treatment centers for home hemodialysis or peritoneal dialysis services.

Category E: Surgical Services

- new licensed ambulatory surgical facilities;
- new operating rooms;
- relocation of existing or approved operating rooms within the same service area; and
- relocation of existing ambulatory surgical facility within the same service area.

Category F: Home Health and Hospice Services

- new Medicare-certified home health agencies or offices;
- new hospices or hospice offices;
- new hospice inpatient facility beds;
- relocation of existing or approved hospice inpatient facility beds within the same service area;
- new hospice residential care facility beds; and
- relocation of existing or approved hospice residential care facility beds within the same service area.

Category G: Inpatient Rehabilitation Services

- new inpatient rehabilitation facilities or beds; and
- relocation of existing or approved inpatient rehabilitation beds within the same service area.

Category H: Medical Equipment

- cardiac catheterization equipment or new cardiac catheterization services;
- heart-lung bypass machines;
- gamma knives;
- lithotripters;
- magnetic resonance imaging scanners;
- positron emission tomography scanners
- linear accelerators;
- simulators;
- major medical equipment as defined in G.S. 131E-176(14o);
- diagnostic centers as defined in G.S. 131E-176(7a);
- replacement equipment that does not result in an increase in the inventory of the equipment;
- conversion of an existing or approved fixed PET scanner to mobile pursuant to Policy TE-1 (July 1st Review Cycle only);
- intraoperative magnetic resonance scanners acquired pursuant to Policy TE-2; and
- fixed magnetic resonance imaging scanners acquired pursuant to Policy TE-3.

Category I: Gastrointestinal Endoscopy Services

- new or additional gastrointestinal endoscopy rooms as defined in G.S. 131E-176(7d); and
- relocation of existing or approved gastrointestinal endoscopy rooms within the same service area.

Category J: Miscellaneous

- changes of scope and cost overruns;
- reallocation of beds or services pursuant to Policy GEN-1; and
- projects not included in Categories A through 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 Certificate of Need 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: 2017 Certificate of Need Review Schedule

CON Beginning Review Date	Category (All HSAs)									
February 1, 2017			C	D				H		
March 1, 2017	A	B			E	F	G		I	J
April 1, 2017			C	D						
May 1, 2017	A	B				F	G	H		J
June 1, 2017			C	D	E				I	
July 1, 2017	A					F	G	H		J
August 1, 2017		B	C	D						
September 1, 2017	A		C		E			H	I	J
October 1, 2017				D			G			
November 1, 2017	A	B				F		H		J
December 1, 2017				D	E			H	I	J

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

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

Phone: (919) 855-3873

Chapter 4:

Statement of Policies:

- Acute Care Hospitals
- Technology and Equipment
- Nursing Care Facilities
- Adult Care Homes
- Home Health Services
- End-Stage Renal Disease Dialysis Services
- Mental Health, Developmental Disabilities, and Substance Use Disorder
- Psychiatric Inpatient Services Facilities
- Intermediate Care Facilities for Individuals with Intellectual Disabilities
- All Health Services

CHAPTER 4

STATEMENT OF POLICIES

Summary of Policy Changes for 2017

There is one new policy incorporated into the North Carolina 2017 State Medical Facilities Plan. *Policy TE-3: Plan Exemption for Fixed Magnetic Resonance Imaging Scanners* has been added by a recommendation of the State Health Coordinating Council. This policy will allow facilities that meet the outlined requirements to apply for fixed magnetic resonance scanners. As a result of the work of the Nursing Home Methodology Workgroup, the SHCC approved the elimination of Policies NH-1, NH-3, NH-4, and NH-7 and wording changes to NH-2, NH-6, and NH-8.

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 Healthcare Planning and Certificate of Need 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 are necessary to meet one of the following unique academic medical needs:

1. Necessary to complement a specified and approved expansion of the number or types of students, residents or faculty that are specifically required for an expansion of students or residents, as certified by the head of the relevant associated professional school; the applicant shall provide documentation that the project is consistent with any relevant standards, recommendations or guidance from specialty education accrediting bodies; or
2. With respect to the acquisition of equipment, is necessary to accommodate the recruitment or retention of a full-time faculty member who will devote a majority of his or her time to the combined activities of teaching (including teaching within the clinical setting), research, administrative or other academic responsibilities within the academic medical center teaching hospital or medical school; or
3. 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; and including, to the extent applicable, documentation pertaining to grants, funding, accrediting or other requirements, and any proposed clinical application of the asset; or
4. 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 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 and has capacity within the service for which the exemption is requested and which is within 20 miles of the Academic Medical Center Teaching Hospital.

The Academic Medical Center Teaching Hospital shall include in its application an analysis of the cost, benefits and feasibility of engaging that provider in a collaborative effort that achieves the academic goals of the project as compared with the certificate of need application proposal. The Academic Medical Center Teaching Hospital shall also provide a summary of a discussion or documentation of its attempt to engage the provider in discussion regarding its analysis and conclusions.

The Academic Medical Center Teaching Hospital shall include in its application a discussion of any similar assets within 20 miles that are under the control of the applicant or the associated professional school and the feasibility of using those assets to meet the unique teaching or research needs of the Academic Medical Center Teaching Hospital.

For each of the first five years of operation the approved applicant shall submit to Certificate of Need a detailed description of how the project achieves the academic requirements of the appropriate section(s) of Policy AC-3, paragraph 2 [items 1 through 4] as proposed in the certificate of need application.

Applicants who are approved for Policy AC-3 projects after January 1, 2012 shall report those Policy AC-3 assets (including beds, operating rooms and equipment) on the appropriate annual license renewal application or registration form for the asset. The information to be reported for the Policy AC-3 assets shall include: (a) inventory or number of units of AC-3 Certificate of Need-approved assets (including all beds, operating rooms and equipment); (b) the annual volume of days, cases or procedures performed for the reporting year on the Policy AC-3 approved asset; and (c) the patient origin by county. Neither the assets under (a) above nor the utilization from (b) above shall be used in the annual State Medical Facilities Plan need determination formulas, but both the assets and the utilization will be available for informational purposes to users of the State Medical Facilities Plan.

This policy does not apply to a proposed project or the portion thereof that is based solely upon the inability of the State Medical Facilities Plan methodology to accurately project need for the proposed service(s), due to documented differences in patient treatment times that are attributed to education or research components in the delivery of patient care or to differences in patient acuity or case mix that are related to the applicant’s academic mission. However, the applicant may submit a petition pursuant to the State Medical Facilities Plan Petitions for Adjustments to Need Determinations process to meet that need or portion thereof.

Policy AC-3 projects are required to materially comply with representations made in the certificate of need application regarding academic based need. If an asset originally developed or acquired pursuant to Policy AC-3 is no longer used for research and/or teaching, the Academic Medical Center Teaching Hospital shall surrender the certificate of need.

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 Truven Health Analytics Days of Care as provided to Healthcare Planning 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 Centers for Medicare & 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 Centers for Medicare & 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 underway, 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.

POLICIES APPLICABLE TO TECHNOLOGY AND EQUIPMENT (TE)

Policy TE-1: Conversion of Fixed Pet Scanners to Mobile Pet Scanners

Facilities with an existing or approved fixed PET scanner may apply for a Certificate of Need (CON) to convert the existing or approved fixed PET scanner to a mobile PET scanner if the applicant(s) demonstrates in the CON application that the converted mobile PET scanner:

1. Shall continue to operate as a mobile PET scanner at the facility, including satellite campuses, where the fixed PET scanner is located or was approved to be located.
2. Shall be moved at least weekly to provide services at two or more host facilities¹.
3. Shall not serve any mobile host site that is not owned by the PET certificate holder or an entity related to the PET certificate holder such as a parent or subsidiary that is located in the county where any existing or approved fixed PET scanner is located, except as required by subpart (1).

There will be one certificate of need application filing opportunity each calendar year.

¹ The council recommended the revision of the current East and West service areas to a statewide service area to allow flexibility in servicing mobile PET sites.

Policy TE-2: Intraoperative Magnetic Resonance Scanners

Qualified applicants may apply for an intraoperative Magnetic Resonance Scanner (iMRI) to be used in an operating room suite.

To qualify, the health service facility proposing to acquire the iMRI scanner shall demonstrate in its certificate of need application that it is a licensed acute care hospital which:

1. Performed at least 500 inpatient neurosurgical cases during the 12 months immediately preceding the submission of the application; and
2. Has at least two neurosurgeons that perform intracranial surgeries currently on its Active Medical Staff; and
3. Is located in a metropolitan statistical area as defined by the US Census Bureau with at least 350,000 residents.

The iMRI scanner shall not be used for outpatients and may not be replaced with a conventional MRI scanner.

The performance standards in 10A NCAC 14C .2703 would not be applicable.

Intraoperative procedures and inpatient procedures performed on the iMRI shall be reported separately on the Hospital License Renewal Application.

These scanners shall not be counted in the inventory of fixed MRI scanners; the procedures performed on the iMRI will not be used in calculating the need methodology and will be reported in a separate table in Chapter 9.

Policy TE-3: Plan Exemption for Fixed Magnetic Resonance Imaging Scanners

Qualified applicants may apply for a fixed magnetic resonance imaging scanner (MRI).

To qualify, the health service facility proposing to acquire the fixed MRI scanner shall demonstrate in its certificate of need application that it is a licensed North Carolina acute care hospital with emergency care coverage 24 hours a day, seven days a week and that does not currently have an existing or approved fixed MRI scanner as reflected in the inventory in the applicable State Medical Facilities Plan.

The applicant shall demonstrate that the proposed fixed MRI scanner will perform at least 850 weighted MRI procedures during the third full operating year.

The performance standards in 10A NCAC 14C .2703 would not be applicable.

The fixed MRI scanner must be located on the hospital's "main campus" as defined in G.S. 131E-176-(14n)a.

POLICIES APPLICABLE TO NURSING CARE FACILITIES (NH)

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 hundred percent of the nursing care beds developed under this exemption shall be excluded from the inventory and the occupancy rate 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 to 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-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. Certificate of need applicants proposing to relocate licensed nursing facility beds shall:

1. Demonstrate that the proposal shall not result in a deficit, or increase an existing 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, or increase an existing 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-8: Innovations in Nursing Facility Design

Certificate of need applicants proposing new nursing facilities and replacement nursing facilities shall pursue innovative approaches in 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 (LTC)

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. Certificate of need applicants proposing to relocate licensed adult care home beds to a contiguous county shall:

1. Demonstrate that the facility losing beds or moving to a contiguous county is currently serving residents of that contiguous county; and
2. Demonstrate that the proposal shall not result in a deficit, or increase an existing 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
3. Demonstrate that the proposal shall not result in a surplus, or increase an existing 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 Medical Facilities Plan in effect at the time the certificate of need review begins.

POLICIES APPLICABLE TO HOME HEALTH SERVICES (HH)

Policy HH-3: Need Determination for Medicare-Certified Home Health Agency in a County

When a county¹ 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.)

¹ Except Granville County that has been served by Granville Vance District Health Department and recognized by DHSR as a single geographic entity for purposes of location of a home health agency office.

POLICIES APPLICABLE 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. Certificate of need applicants proposing to relocate dialysis stations to a contiguous county shall:

1. Demonstrate that the facility losing dialysis stations or moving to a contiguous county is currently serving residents of that contiguous county; and
2. Demonstrate that the proposal shall not result in a deficit, or increase an existing 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
3. Demonstrate that the proposal shall not result in a surplus, or increase an existing 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.

POLICIES APPLICABLE TO ALL MENTAL HEALTH, DEVELOPMENTAL DISABILITIES AND SUBSTANCE USE DISORDER FACILITIES (MH)

Policy MH-1: Linkages between Treatment Settings

An applicant for a certificate of need for psychiatric, substance use disorder or intermediate care facilities for individuals with intellectual disabilities (ICF/IID) beds shall document that the affected local management entity-managed care organization 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 Certificate of Need 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-managed care organization 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 INDIVIDUALS WITH INTELLECTUAL DISABILITIES (ICF/IID)

Policy ICF/IID-1: Transfer of ICF/IID Beds from State Operated Developmental Centers to Community Facilities for Medically Fragile Children

Intermediate Care Facilities for Individuals with Intellectual Disabilities (ICF/IID) beds in state operated developmental centers may be relocated to community facilities through the certificate of need process for the establishment of community ICF/IID 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/IID 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 Certificate of Need 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/managed care organization 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/IID-2: Transfer of ICF/IID Beds from State Operated Developmental Centers to Community Facilities for Individuals Who Currently Occupy the Beds

Existing certified Intermediate Care Facilities for Individuals with Intellectual Disabilities (ICF/IID) beds in state operated developmental centers may be transferred through the certificate of need process to establish ICF/IID group homes in the community to serve people with complex behavioral challenges

and/or medical conditions for whom a community ICF/IID 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/IID 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/IID beds in the community facility. Providers proposing to develop transferred ICF/IID beds, as those beds are described in this policy, shall submit an application to Certificate of Need that demonstrates their clinical experience in treating individuals with complex behavioral challenges or medical conditions in a residential ICF/IID 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-managed care organization 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.

Policy ICF/IID-3: Transfer of ICF/IID Beds from State Operated Developmental Centers to Community Facilities for Adults with Severe to Profound Developmental Disabilities

Intermediate Care Facilities for Individuals with Intellectual Disabilities (ICF/IID) beds in state operated developmental centers may be relocated to existing community facilities through the certificate of need process for the replacement of Community Alternatives Program for Individuals with Intellectual and Developmental Disabilities (CAP I/DD) waiver slots lost as a result of the Centers for Medicaid and Medicare Services (CMS) policy designed to prohibit CAP I/DD waiver and ICF/IID beds from being located on the same campus. 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/IID 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 Certificate of Need demonstrating a commitment to serve adults who have severe to profound developmental disabilities. This policy applies only to facilities that have lost waiver slots as a result of the CMS ruling and does not apply for expansion beyond the lost beds. 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/managed care organization serving the county where the community-based facility is 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 community-based facility.

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 use disorder facilities, and ICF/IID) 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, heart-lung bypass machines, gamma knives, linear accelerators, lithotripters, magnetic resonance imaging scanners, positron emission tomography scanners, simulators, major medical equipment as defined in G.S. 131E-176(14o), 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, Healthcare Planning 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 Certificate of Need 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 Certificate of Need; rather Healthcare Planning 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 Certificate of Need, but beginning no earlier than 60 days from the date that the appeal is resolved. Notice shall be mailed by Certificate of Need 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 Certificate of Need, 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 Certificate of Need 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 Certificate of Need 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: Certificate of Need shall not reallocate the services or beds in this category for which no applications were received, because Healthcare Planning 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 J 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 Healthcare Planning and 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 Certificate of Need before August 17, shall not be reallocated by Certificate of Need. Instead Healthcare Planning 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 Certificate of Need on or after August 17, shall be reallocated by Certificate of Need, except for dialysis stations. A need in this category shall be available for a review period to be determined by Certificate of Need 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 Healthcare Planning and 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 Individuals with Intellectual Disabilities (ICF/IID) Beds

If an ICF/IID facility's Medicaid certification is relinquished or revoked, the ICF/IID beds in the facility may be reallocated by the North Carolina Department of Health and Human Services, Division of Health Service Regulation, Healthcare Planning 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 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;
 - g. operating rooms as defined in Chapter 6; andas those changes are reported to Healthcare Planning. 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/IID and dialysis stations;
 - b. de-licensure 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; and
 - h. corrections of errors in the inventory as reported to Healthcare Planning.
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 Healthcare Planning.

4. Need determinations resulting from changes in inventory shall be available for a review period to be determined by Certificate of Need, 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 Healthcare Planning 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 Healthcare Planning and 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, Certificate of Need 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 is 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 2016, there are 111 licensed acute care hospitals and 20,981 licensed acute care beds in North Carolina. Data provided by Truven Health Analytics indicated that 4,364,887 days of care were provided to patients in those hospitals during 2015, which represents an average annual occupancy rate of 57.0 percent. These numbers exclude beds in service for substance use disorders, psychiatry, rehabilitation, hospice and long-term care. In addition, across the state acute care bed capacity is expected to increase in certain markets by 780 pending beds and to decrease in other markets by 154 beds, for a net increase of 626 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

One substantive change to the Acute Care Bed Need methodology has been incorporated into the North Carolina 2017 State Medical Facilities Plan. In accordance with Step 1 in Application of the Methodology, the multicounty acute care bed service areas have been reviewed and updated as indicated by the data. The changes are summarized below:

1. Hyde County will no longer be in a multi-county service area divided between Beaufort and Pitt Counties, but will be in the Pitt/Greene/Hyde/Tyrrell Service Area. Beaufort County will become a single county service area.
2. Tyrrell County will be divided between the Chowan/Tyrrell and Pitt/Greene/Hyde/Tyrrell Service Areas.

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 Certificate of Need 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 488.54I; 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 Truven Health Analytics, 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 Truven Health Analytics 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 Truven Health Analytics by facilities on the UB-92 form. Included in Column F, "Truven Health Analytics 2015 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:

Average Daily Census	Target Occupancy of 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, each of which has 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, each of which has 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 2015. (*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 2019 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 2015 – YR 2014) / YR 2014; 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, Truven Health Analytics 2015 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 2019 at each hospital.

Step 5 (Column I)

Calculate the projected midnight average daily census for each hospital in Federal Fiscal Year 2019 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. The threshold for a need determination for additional acute care beds is a projected deficit of 20 or more beds, or a projected deficit which equals or exceeds 10 percent of the total bed inventory for hospitals under common ownership.
- b. The threshold is applied individually to each hospital, and a need determination is generated irrespective of surpluses at other hospitals in the service area, unless there are other hospitals in the service area under common ownership.
- c. 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.
- d. When the deficit of total acute care beds in the service area for any facility or owner equals or exceeds 20 beds or 10 percent of the inventory of acute care beds for that facility or owner, the deficits of all facilities and owners in the service area will be summed to determine the number of acute care beds needed in the service area.

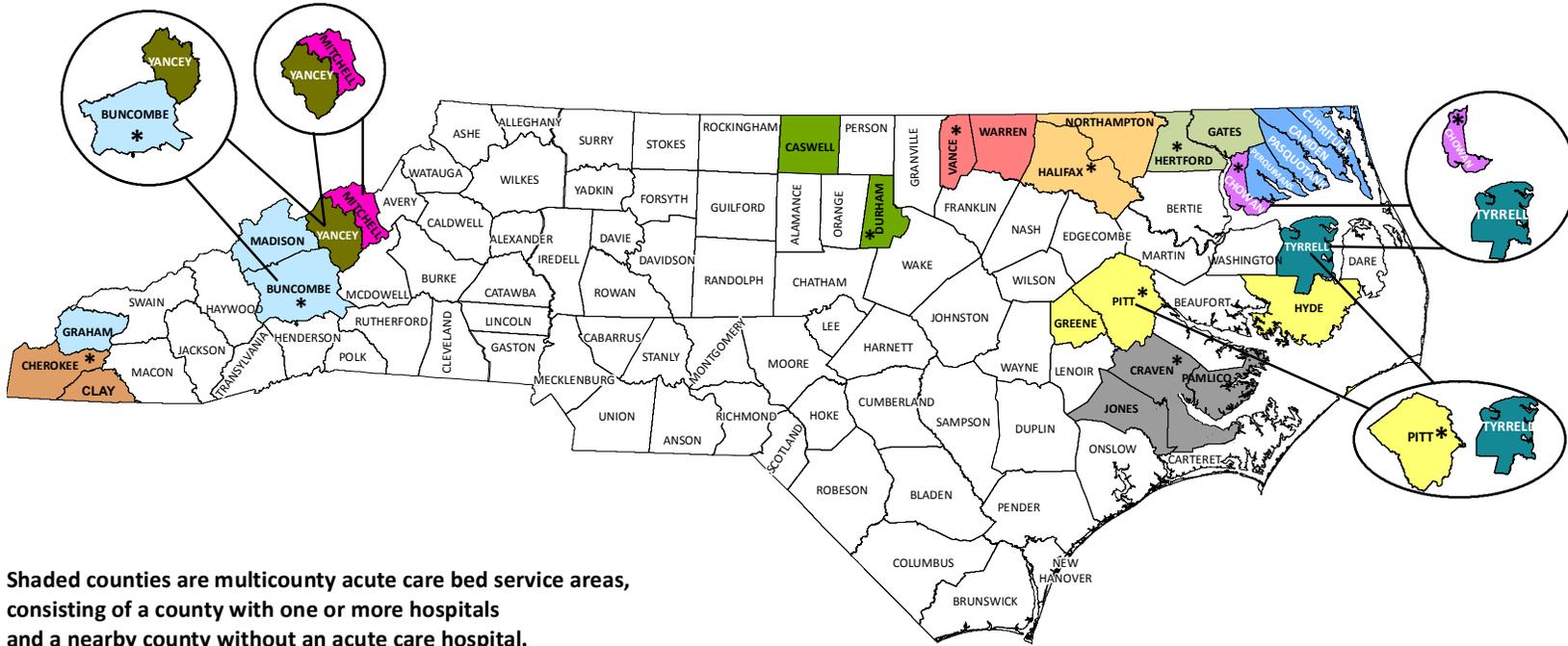
Qualified Applicants

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
- MDC 2: Diseases and disorders of the eye
- MDC 3: Diseases and disorders of the ear, nose, mouth and throat
- MDC 4: Diseases and disorders of the respiratory system
- MDC 5: Diseases and disorders of the circulatory system
- MDC 6: Diseases and disorders of the digestive system
- MDC 7: Diseases and disorders of the hepatobiliary system and 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: 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

Figure 5.1: Acute Care Bed Service Areas



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

* For multicounty service areas, the asterisk denotes the county with at least one hospital.

Hospitals	Multicounty Service Area	Color Code
Duke University Hospital, Duke Regional Hospital, North Carolina Specialty Hospital	Durham, Caswell	
Murphy Medical Center	Cherokee, Clay	
Mission Hospital	Buncombe, Graham, Madison, Yancey	
Maria Parham Medical Center	Vance, Warren	
Our Community Hospital and Halifax Regional Medical Center	Halifax, Northampton	
Vidant Medical Center	Pitt, Greene, Hyde, Tyrrell	
CarolinaEast Medical Center	Craven, Jones, Pamlico	
Vidant Chowan Hospital	Chowan, Tyrrell	
Vidant Roanoke-Chowan Hospital	Hertford, Gates	
Sentara Albemarle Medical Center	Pasquotank, Camden, Currituck, Perquimans	
Blue Ridge Regional Hospital	Mitchell, Yancey	

Table 5A: Acute Care Bed Need Projections

2015 Utilization Data from Truven Health Analytics 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

A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONs/ Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as a "-")	2019 Need Determination
Alamance	H0272	Alamance Regional Medical Center	182	0	40,319	-1.0258	40,319	110	155	-27	
Alamance Total			182	0							0
Alexander	H0274	Alexander Hospital (closed)*	25	-25		0.0000	0	0	0	0	
Alexander Total			25	-25							0
Alleghany	H0108	Alleghany Memorial Hospital	41	0	1,752	-1.0767	1,752	5	7	-34	
Alleghany Total			41	0							0
Anson	H0082	Carolinas HealthCare System Anson	15	0	520	-1.3115	520	1	2	-13	
Anson Total			15	0							0
Ashe	H0099	Ashe Memorial Hospital	76	0	4,438	-1.0353	4,438	12	18	-58	
Ashe Total			76	0							0
Avery	H0037	Charles A. Cannon, Jr. Memorial Hospital**	30	0	3,527	-1.0768	3,527	10	14	-16	
Avery Total			30	0							0
Beaufort	H0188	Vidant Beaufort Hospital	120	0	10,479	1.1159	16,249	45	67	-53	
Beaufort	H0002	Vidant Pungo Hospital (closed)^^^	39	0		1.1159	0	0	0	-39	
Beaufort Total			159	0							0
Bertie	H0268	Vidant Bertie Hospital	6	0	1,452	-1.0249	1,452	4	6	0	
Bertie Total			6	0							0
Bladen	H0154	Cape Fear Valley-Bladen County Hospital**	48	0	3,229	-1.0333	3,229	9	13	-35	
Bladen Total			48	0							0
Brunswick	H0150	J. Arthur Doshier Memorial Hospital	25	0	2,400	1.0379	2,785	8	11	-14	
Brunswick	H0250	Novant Health Brunswick Medical Center	74	0	15,604	1.0379	18,107	50	74	0	
Brunswick Total			99	0							0
Buncombe	H0036	Mission Hospital	701	32	183,905	1.0009	184,568	506	647	-86	
Buncombe/Graham/Madison/Yancey Total			701	32							0
Burke	H0062	Carolinas HealthCare System Blue Ridge	293	0	24,820	1.0054	25,360	69	104	-189	
Burke Total			293	0							0
Cabarrus	H0031	Carolinas HealthCare System NorthEast	447	0	98,481	-1.0003	98,481	270	359	-88	
Cabarrus Total			447	0							0

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2011, 2012, 2013, 2014 and 2015 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2015 Utilization Data from Truven Health Analytics 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

A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONS/ Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as a "-")	2019 Need Determination
Caldwell	H0061	Caldwell Memorial Hospital	110	0	17,403	1.0033	17,634	48	72	-38	
Caldwell Total			110	0							0
Carteret	H0222	Carteret General Hospital	135	0	23,361	1.0011	23,464	64	96	-39	
Carteret Total			135	0							0
Catawba	H0223	Catawba Valley Medical Center	200	0	34,935	-1.0214	34,935	96	144	-56	
Catawba	H0053	Frye Regional Medical Center	209	0	32,355	-1.0214	32,355	89	133	-76	
Catawba Total			409	0							0
Chatham	H0007	Chatham Hospital**	25	0	2,298	1.0080	2,372	6	10	-15	
Chatham Total			25	0							0
Cherokee	H0239	Murphy Medical Center	57	0	6,697	-1.0514	6,697	18	28	-29	
Cherokee/Clay Total			57	0							0
Chowan	H0063	Vidant Chowan Hospital	49	0	5,118	-1.0486	5,118	14	21	-28	
Chowan/Tyrrell Total			49	0							0
Cleveland	H0024	Carolinas HealthCare System Cleveland	241	0	27,992	-1.0311	27,992	77	115	-126	
Cleveland	H0113	Carolinas HealthCare System Kings Mountain	47	0	6,779	-1.0311	6,779	19	28	-19	
Cleveland Total			288	0							0
Columbus	H0045	Columbus Regional Healthcare System	154	0	19,701	-1.0332	19,701	54	81	-73	
Columbus Total			154	0							0
Craven	H0201	CarolinaEast Medical Center	307	0	49,730	-1.0242	49,730	136	191	-116	
Craven/Jones/Pamlico Total			307	0							0
Cumberland	H0213	Cape Fear Valley Medical Center	490	99	161,367	-1.0128	161,367	442	566	-23	
Cumberland Total			490	99							0
Dare	H0273	The Outer Banks Hospital	21	0	2,984	-1.0099	2,984	8	12	-9	
Dare Total			21	0							0
Davidson	H0027	Lexington Medical Center	94	0	10,218	1.0064	10,482	29	43	-51	
Davidson	H0112	Novant Health Thomasville Medical Center	101	0	9,987	1.0064	10,245	28	42	-59	
Davidson Total			195	0							0

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2011, 2012, 2013, 2014 and 2015 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2015 Utilization Data from Truven Health Analytics 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

A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONs/ Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as "-")	2019 Need Determination
Davie	H0171	Davie Medical Center	81	-31	0	-1.4021	0	0	0	-50	
Davie Total			81	-31							0
Duplin	H0166	Vidant Duplin Hospital	56	0	7,762	1.0269	8,631	24	35	-21	
Duplin Total			56	0							0
Durham	H0233	Duke Regional Hospital	316	0	62,280	1.0285	69,689	191	267	-49	
Durham	H0015	Duke University Hospital***	924	0	272,459	1.0285	304,873	835	1,069	145	
Duke/Duke Regional Hospital Total^^			1,240	0	334,739		374,562	1,026	1,336	96	
Durham	H0075	North Carolina Specialty Hospital	18	0	3,580	1.0285	4,006	11	16	-2	
Durham/Caswell Total			1,258	0							96
Edgecombe	H0258	Vidant Edgecombe Hospital	101	0	14,567	1.0019	14,678	40	60	-41	
Edgecombe Total			101	0							0
Forsyth	H0209	Novant Health Forsyth Medical Center	823	0	204,271	1.0029	206,651	566	725	-98	
Forsyth	H0229	Novant Health Medical Park Hospital	22	0	3,450	1.0029	3,490	10	14	-8	
Forsyth/Medical Park Hospital Total			845	0	207,721		210,141	576	739	-106	
Forsyth	H0011	North Carolina Baptist Hospital^	802	4	227,099	1.0029	229,745	629	806	0	
Forsyth Total			1,647	4							0
Franklin	H0261	Novant Health Franklin Medical Center (closed)**	70	0	565	-1.1732	565	2	2	-68	
Franklin Total			70	0							0
Gaston	H0105	CaroMont Regional Medical Center	372	0	81,117	1.0015	81,605	224	297	-75	
Gaston Total			372	0							0
Granville	H0098	Granville Health System	62	0	7,776	-1.0323	7,776	21	32	-30	
Granville Total			62	0							0
Guilford	H0159	Cone Health	777	-23	178,065	-1.0235	178,065	488	624	-130	
Guilford	H0052	High Point Regional Health	307	0	54,699	-1.0235	54,699	150	210	-97	
Guilford Total			1,084	-23							0
Halifax	H0230	Halifax Regional Medical Center	184	0	20,040	-1.0736	20,040	55	82	-102	
Halifax	H0004	Our Community Hospital	20	0	42	-1.0736	42	0	0	-20	

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2011, 2012, 2013, 2014 and 2015 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2015 Utilization Data from Truven Health Analytics 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

A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONs/ Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as a "-")	2019 Need Determination
Halifax/Northampton Total			204	0							0
Harnett	H0224	Betsy Johnson Hospital**	151	0	21,834	1.0130	22,992	63	94	-57	
Harnett Total			151	0							0
Haywood	H0025	Haywood Regional Medical Center*	153	-17	14,154	-1.0275	14,154	39	58	-78	
Haywood Total			153	-17							0
Henderson	H0161	Margaret R. Pardee Memorial Hospital	201	0	21,697	-1.0014	21,697	59	89	-112	
Henderson	H0019	Park Ridge Health	62	0	10,712	-1.0014	10,712	29	44	-18	
Henderson Total			263	0							0
Hertford	H0001	Vidant Roanoke-Chowan Hospital	86	0	12,720	-1.0282	12,720	35	52	-34	
Hertford/Gates Total			86	0							0
Hoke	H0288	Cape Fear Valley Hoke Hospital	41	0	1,061	0.0000	1,061	3	4	-37	
Hoke	H0287	FirstHealth Moore Regional Hospital - Hoke Campus**	8	28	1,021	0.0000	1,021	3	4	-32	
Hoke Total			49	28							0
Iredell	H0248	Davis Regional Medical Center	102	0	8,405	-1.0743	8,405	23	35	-67	
Iredell	H0259	Lake Norman Regional Medical Center	123	0	16,195	-1.0743	16,195	44	67	-56	
Davis Regional/Lake Norman Regional Medical Center Total			225	0	24,600		24,600	67	102	-123	
Iredell	H0164	Iredell Memorial Hospital	199	0	34,785	-1.0743	34,785	95	143	-56	
Iredell Total			424	0							0
Jackson	H0087	Harris Regional Hospital	86	0	13,129	1.0035	13,314	36	55	-31	
Jackson Total			86	0							0
Johnston	H0151	Johnston Health	179	0	34,156	-1.0195	34,156	94	140	-39	
Johnston Total			179	0							0
Lee	H0243	Central Carolina Hospital	127	0	16,578	-1.0497	16,578	45	68	-59	
Lee Total			127	0							0
Lenoir	H0043	Lenoir Memorial Hospital	218	0	25,090	-1.0889	25,090	69	103	-115	
Lenoir Total			218	0							0
Lincoln	H0225	Carolinas HealthCare System Lincoln	101	0	18,314	1.0389	21,334	58	88	-13	

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2011, 2012, 2013, 2014 and 2015 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2015 Utilization Data from Truven Health Analytics 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

A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONS/ Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as a "-")	2019 Need Determination
Lincoln Total			101	0							0
Macon	H0034	Angel Medical Center	59	0	6,453	1.0262	7,156	20	29	-30	
Macon	H0193	Highlands-Cashiers Hospital**	24	0	537	1.0262	596	2	2	-22	
Macon Total			83	0							0
Martin	H0078	Martin General Hospital	49	0	4,200	-1.0918	4,200	12	17	-32	
Martin Total			49	0							0
McDowell	H0097	The McDowell Hospital	65	0	7,043	1.0204	7,636	21	31	-34	
McDowell Total			65	0							0
Mecklenburg	H0042	Carolinas Healthcare System Pineville	206	0	57,157	1.0039	58,054	159	223	17	
Mecklenburg	H0255	Carolinas HealthCare System University	100	0	22,793	1.0039	23,151	63	95	-5	
Mecklenburg	H0071	Carolinas Medical Center	976	34	297,167	1.0039	301,830	827	1,058	48	
Carolinas Medical Center Total			1,282	34	377,117		383,035	1,049	1,376	60	
Mecklenburg	H0282	Novant Health Huntersville Medical Center	91	48	23,080	1.0039	23,442	64	96	-43	
Mecklenburg	H0270	Novant Health Matthews Medical Center	143	11	37,517	1.0039	38,106	104	146	-8	
Mecklenburg	H0010	Novant Health Presbyterian Medical Center	578	-59	124,924	1.0039	126,884	348	462	-57	
Mecklenburg		Presbyterian Hospital Mint Hill	0	50		1.0039	0	0	0	-50	
Presbyterian Hospital Total			812	50	185,521		188,432	516	704	-158	
Mecklenburg Total			2,094	84							60
Mitchell	H0169	Blue Ridge Regional Hospital	46	0	3,892	-1.1048	3,892	11	16	-30	
Mitchell/Yancey Total			46	0							0
Montgomery	H0003	FirstHealth Montgomery Memorial Hospital	37	0	804	-1.0393	804	2	3	-34	
Montgomery Total			37	0							0
Moore	H0100	FirstHealth Moore Regional Hospital	312	25	88,257	1.0187	95,046	260	346	9	
Moore Total			312	25							0
Nash	H0228	Nash General Hospital	262	0	47,069	-1.0036	47,069	129	181	-81	
Nash Total			262	0							0
New Hanover	H0221	New Hanover Regional Medical Center	647	31	174,194	1.0330	198,351	543	696	18	

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2011, 2012, 2013, 2014 and 2015 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2015 Utilization Data from Truven Health Analytics 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

A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONS/ Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as a "-")	2019 Need Determination
New Hanover Total			647	31							0
Onslow	H0048	Onslow Memorial Hospital	162	0	30,075	-1.0111	30,075	82	124	-38	
Onslow Total			162	0							0
Orange	H0157	University of North Carolina Hospitals^	731	159	229,915	1.0367	265,570	728	931	41	
Orange Total			731	159							41
Pasquotank	H0054	Sentara Albemarle Medical Center	182	0	20,527	-1.0109	20,527	56	84	-98	
Pasquotank/Camden/Currituck/Perquimans Total			182	0							0
Pender	H0115	Pender Memorial Hospital	43	0	1,924	-1.0247	1,924	5	8	-35	
Pender Total			43	0							0
Person	H0066	Person Memorial Hospital	50	0	4,240	-1.1038	4,240	12	17	-33	
Person Total			50	0							0
Pitt	H0104	Vidant Medical Center	782	150	223,798	1.0036	227,038	622	796	-136	
Pitt/Greene/Hyde/Tyrrell Total			782	150							0
Polk	H0079	St. Luke's Hospital	25	0	3,788	1.0093	3,931	11	16	-9	
Polk Total			25	0							0
Randolph	H0013	Randolph Hospital	145	0	18,982	-1.0713	18,982	52	78	-67	
Randolph Total			145	0							0
Richmond	H0158	FirstHealth Richmond Memorial Hospital**	99	0	7,753	-1.0923	7,753	21	32	-67	
Richmond	H0265	Sandhills Regional Medical Center	54	6	5,081	-1.0923	5,081	14	21	-39	
Richmond Total			153	6							0
Robeson	H0064	Southeastern Regional Medical Center	292	0	60,140	1.0001	60,164	165	231	-61	
Robeson Total			292	0							0
Rockingham	H0023	Annie Penn Hospital	110	0	13,441	-1.1050	13,441	37	55	-55	
Rockingham	H0072	Morehead Memorial Hospital	108	0	8,878	-1.1050	8,878	24	36	-72	
Rockingham Total			218	0							0
Rowan	H0040	Novant Health Rowan Medical Center	203	0	36,172	1.0130	38,090	104	146	-57	
Rowan Total			203	0							0
Rutherford	H0039	Rutherford Regional Medical Center	129	0	15,332	1.0030	15,517	43	64	-65	

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(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2015 Utilization Data from Truven Health Analytics 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

A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONS/ Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as a "-")	2019 Need Determination
Rutherford Total			129	0							0
Sampson	H0067	Sampson Regional Medical Center	116	0	10,748	-1.0502	10,748	29	44	-72	
Sampson Total			116	0							0
Scotland	H0107	Scotland Memorial Hospital	97	0	18,251	-1.0316	18,251	50	75	-22	
Scotland Total			97	0							0
Stanly	H0008	Carolinas HealthCare System - Stanly	97	0	11,221	-1.0515	11,221	31	46	-51	
Stanly Total			97	0							0
Stokes	H0165	Pioneer Community Hospital of Stokes	53	0	1,706	1.1984	3,519	10	14	-39	
Stokes Total			53	0							0
Surry	H0049	Hugh Chatham Memorial Hospital	81	0	15,807	-1.0190	15,807	43	65	-16	
Surry	H0184	Northern Hospital of Surry County	100	0	12,639	-1.0190	12,639	35	52	-48	
Surry Total			181	0							0
Swain	H0069	Swain Community Hospital	48	0	957	-1.0049	957	3	4	-44	
Swain Total			48	0							0
Transylvania	H0111	Transylvania Regional Hospital	42	0	5,554	-1.0196	5,554	15	23	-19	
Transylvania Total			42	0							0
Union	H0050	Carolinas HealthCare System Union	175	7	31,824	-1.0198	31,824	87	131	-51	
Union Total			175	7							0
Vance	H0267	Maria Parham Medical Center	91	11	21,044	1.0404	24,656	68	101	-1	
Vance/Warren Total			91	11							0
Wake	H0238	Duke Raleigh Hospital**	186	0	37,423	1.0140	39,563	108	152	-34	
Wake	H0065	Rex Hospital	433	6	117,686	1.0140	124,416	341	453	14	
Wake		Rex Hospital Holly Springs	0	50		1.0140	0	0	0	-50	
Rex Hospital Total			433	56	117,686		124,416	341	453	-36	
Wake	H0199	WakeMed****	628	66	164,899	1.0140	174,329	478	611	-83	
Wake	H0276	WakeMed Cary Hospital**	156	22	45,744	1.0140	48,360	132	185	7	
WakeMed Total			784	88	210,643		222,689	610	796	-76	

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2011, 2012, 2013, 2014 and 2015 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2015 Utilization Data from Truven Health Analytics 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

A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONs/ Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as a "-")	2019 Need Determination
Wake Total			1,403	144							0
Washington	H0006	Washington County Hospital	49	-37	955	-1.1404	955	3	4	-8	
Washington Total			49	-37							0
Watauga	H0077	Watauga Medical Center	117	0	14,231	-1.0467	14,231	39	58	-59	
Watauga Total			117	0							0
Wayne	H0257	Wayne Memorial Hospital	255	0	43,980	-1.0253	43,980	120	169	-86	
Wayne Total			255	0							0
Wilkes	H0153	Wilkes Regional Medical Center	120	0	15,349	1.0291	17,215	47	71	-49	
Wilkes Total			120	0							0
Wilson	H0210	Wilson Medical Center	271	-21	29,817	-1.0220	29,817	82	123	-127	
Wilson Total			271	-21							0
Yadkin	H0155	Yadkin Valley Community Hospital (closed)**/^^^	22	0	445	-1.0478	445	1	2	-20	
Yadkin Total			22	0							0

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2011, 2012, 2013, 2014 and 2015 were used to generate four-year growth rate.

(ADC= Average Daily Census)

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2015 Utilization Data from Truven Health Analytics compiled by the Cecil B. Sheps Center for Health Services Research

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A	B	C	D	E	F	G	H	I	J	K	L
Service Area	License Number	Facility Name	Licensed Acute Care Beds	Adjustments for CONs/Previous Need	Truven Health Analytics 2015 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2015 Days, if negative growth)	2019 Projected Average Daily Census (ADC)	2019 Beds Adjusted for Target Occupancy	Projected 2019 Deficit or Surplus (surplus shows as a "-")	2019 Need Determination
Grand Total All Hospitals			20,981	626	4,364,887		4,537,327				197

* Acute care beds in the "Adjustments for CONs/Previous Need" column are to be converted to inpatient psychiatric beds. This conversion is exempt from certificate of need review, pursuant to G.S. 131E-184(c).

** Truven Health Analytics acute days of care data and the Division of Health Service Regulation Hospital License Renewal Application days of care data have a greater than ± 5% discrepancy between the two data sources.

*** Duke University Hospital is licensed for 14 acute care beds under Policy AC-3. The 14 beds are not counted when determining acute care bed need.

**** Pursuant to Policy AC-4, a total of 37 nursing care beds were approved and converted to acute care beds.

^ Adjustments for CON in Forsyth and Orange Counties include 4 beds approved for the Burn Intensive Care Units.

^^ Duke University Hospital's and Duke Regional Hospital's acute days of care were adjusted based on revised data submitted to the Division of Health Service Regulation by Duke University Health System.

^^^ The Division of Health Service Regulation received notices from two different buyers regarding the designation of Vidant Pungo Hospital as a legacy medical care facility. The prospective buyers have 36 months from the date of their respective notices to acquire and reopen the hospital. One notice was effective on May 16, 2016, and the other was effective on June 14, 2016.

^^^^ The Division of Health Service Regulation received notice on January 19, 2016 from Yadkin Valley Community Hospital regarding designation as a legacy medical care facility. The facility has 36 months from the date of its notice to reopen the hospital.

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2011, 2012, 2013, 2014 and 2015 were used to generate four-year growth rate.
(ADC= Average Daily Census)

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is a need for 197 acute care beds, as shown in Table 5B. There is no need anywhere else in the state and no other reviews are scheduled.

Table 5B: Acute Care Bed Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the Acute Care Bed Service Areas listed in the table below need additional acute care beds as specified.

Service Area	Acute Care Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Durham	96	October 16, 2017	November 1, 2017
Mecklenburg	60	June 15, 2017	July 1, 2017
Orange	41	April 17, 2017	May 1, 2017
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).

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 2015 data from the 2016 Hospital License Renewal Applications, shows long-term care hospital inventory data.

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

License Number	Facility Name	County	Licensed LTCH Beds	Adjustments for Certificates of Need and Previous Need
H0279	Asheville Specialty Hospital	Buncombe	34	0
H0278	Carolinas ContinueCare Hospital at Pineville	Mecklenburg	40	0
H0236	Carolinas ContinueCare Hospital at Kings Mountain	Cleveland	28	0
H0275	Highsmith-Rainey Specialty Hospital	Cumberland	66	0
H0073	Kindred Hospital-Greensboro	Guilford	101	0
H0242	LifeCare Hospitals 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
H0289	Carolinas ContinueCare Hospital at University	Mecklenburg	0	35

Chapter 6:

Operating Rooms

CHAPTER 6

OPERATING ROOMS

Summary of Operating Room Inventory and Utilization

“Operating room” is defined in G.S. 131E-76(6a) 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.” In the fall of 2016, the combined inventory of operating rooms in hospitals and ambulatory surgical facilities in North Carolina consisted of 152 dedicated inpatient surgery rooms, including 95 dedicated C-Section rooms, 296 dedicated ambulatory surgery rooms and 914 shared operating rooms. Data from the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications indicated that of the total reported surgical cases, excluding C-Section cases, 72.3 percent of the cases were ambulatory cases and 27.7 percent of the cases were inpatient cases.

Changes from the Previous Plan

One substantive change to the Operating Room methodology has been incorporated into the North Carolina 2017 State Medical Facilities Plan. In accordance with Step 1, Delineation of Service Areas, the multicounty operating room service areas have been reviewed and updated as indicated by the data. The changes are summarized below:

1. Caswell County will no longer be in a multi-county service area with Alamance County. Caswell County will be in the Guilford/Caswell Service Area. Alamance County will become a single county service area.
2. Hyde County will no longer be in a multi-county service area divided between Beaufort and Pitt Counties. Hyde County will be in the Pitt/Greene/Hyde/Tyrrell Service Area. Beaufort County will become a single county service area.
3. Tyrrell County will no longer be in a multi-county service area with Chowan County. Tyrrell County will be in the Pitt/Greene/Hyde/Tyrrell Service Area. Chowan County will become a single county service area.

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 2017 State Medical Facilities Plan were taken from the “2016 Hospital License Renewal Application” and the “2016 Ambulatory Surgical Facility License Renewal Application” as submitted to the Acute and Home Care 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 2017 State Medical Facilities Plan, one operating room for each Level I and Level 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 Level 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 2017 State Medical Facilities Plan were compiled by staff based on License Renewal Applications, supplemented with data from the most recent licenses issued by the Acute and Home Care Licensure and Certification Section and with project approval letters from Certificate of Need.

Population data by county for 2015 and 2019 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, Table 6B)

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 has 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, Table 6B)

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. ($Column\ B \times Column\ C = Column\ D$)
- 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. ($Column\ E \times Column\ F = Column\ G$)
- 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, Table 6B)

- 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" (2015) and the "target year" for need projections (2019) is calculated based on population figures from the North Carolina Office of State Budget and Management. ($Column\ I: Growth\ Factor = 2019\ Service\ Area\ Population \underline{minus} 2015\ Service\ Area\ Population, \underline{then\ divided\ by\ the\ 2015\ Service\ Area\ Population.}$)
- 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 2019.” ([Column H x 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 2019” by the “Standard Hours per Operating Room per Year” to determine the projected number of operating rooms required by the year 2019. (Column J ÷ Column K = Column L)

Step 4 – Inventory of Operating Rooms (Columns M through S, Table 6B)

- 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 Level 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)
- l. 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 and corresponding procedures in chronically underutilized licensed facilities located in operating room service areas with more than one licensed facility. Do not exclude from Step 5 operating rooms in facilities located in service areas where all facilities are chronically underutilized. 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 and U, Table 6B)

- n. For each operating room service area, subtract the “Adjusted Planning Inventory” from the “Projected Operating Rooms Required in 2019” 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 2019.*)
- 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*)

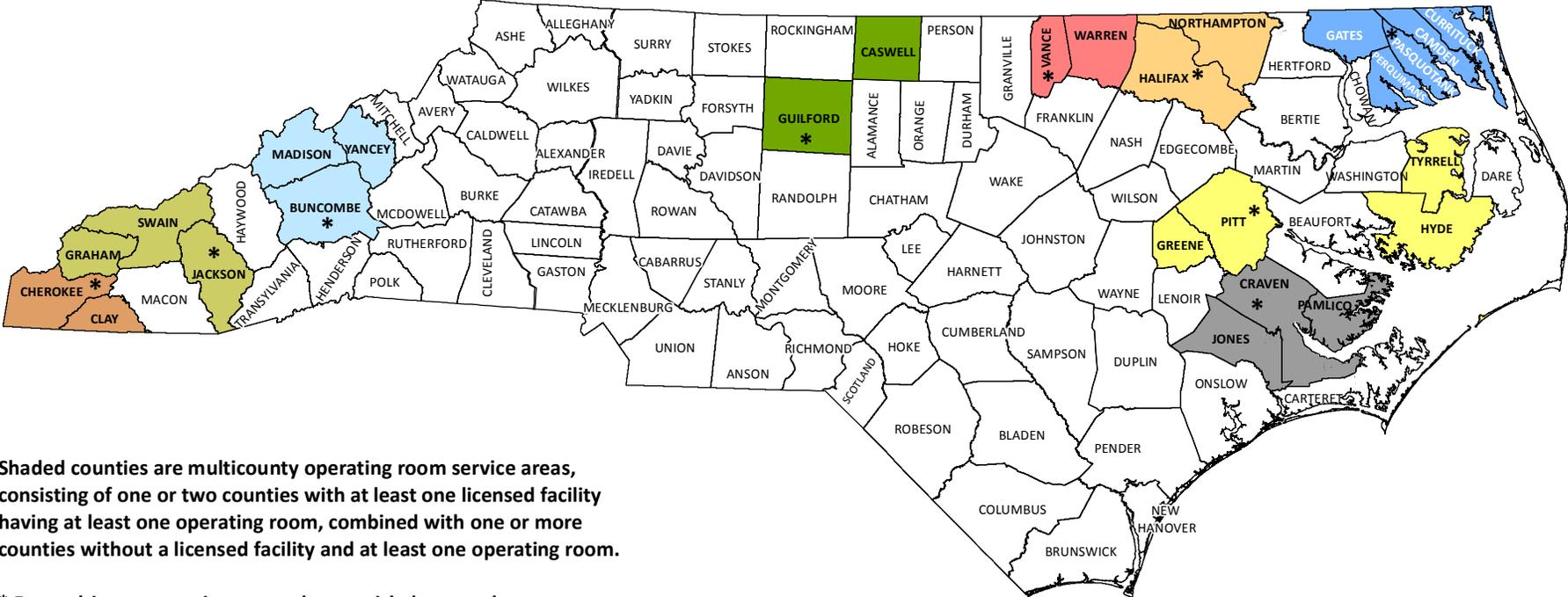
For each operating room service area with six to 10 operating rooms and a projected deficit of 0.30 or greater, the “Operating Room Need Determination” is equal to the “Projected Operating Room Deficit” rounded to the next whole number. (In this step, fractions of 0.30 or greater are rounded to the next 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*)

NOTE: “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 multicounty operating room service areas, consisting of one or two counties with at least one licensed facility having at least one operating room, combined with one or more counties without a licensed facility and at least one operating room.

* For multicounty service areas, the asterisk denotes the county with at least one licensed facility having one or more operating rooms.

Hospitals	Multicounty Service Area	Color Code
Murphy Medical Center	Cherokee, Clay	
Harris Regional Hospital and Swain Community Hospital	Jackson, Graham, Swain	
Mission Hospital	Buncombe, Madison, Yancey	
Maria Parham Medical Center	Vance, Warren	
Our Community Hospital and Halifax Regional Medical Center	Halifax, Northampton	
Vidant Medical Center	Pitt, Greene, Hyde, Tyrrell	
CarolinaEast Medical Center	Craven, Jones, Pamlico	
Cone Health and High Point Regional Health	Guilford, Caswell	
Sentara Albemarle Medical Center	Pasquotank, Camden, Currituck, Gates, Perquimans	

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Alamance	H0272	Alamance Regional Medical Center	1,790	7,681	2	3	9	-2	0	0	0
Alamance Total			1,790	7,681	2	3	9	-2	0	0	0
Alexander	H0274	Alexander Hospital (closed)	0	0	0	0	2	0	0	0	0
Alexander Total			0	0	0	0	2	0	0	0	0
Alleghany	H0108	Alleghany Memorial Hospital	12	211	0	0	2	0	0	0	0
Alleghany Total			12	211	0	0	2	0	0	0	0
Anson	H0082	Carolinas HealthCare System Anson	0	33	0	0	1	0	0	0	0
Anson Total			0	33	0	0	1	0	0	0	0
Ashe	H0099	Ashe Memorial Hospital	213	738	0	0	2	0	0	0	0
Ashe Total			213	738	0	0	2	0	0	0	0
Avery	H0037	Charles A. Cannon, Jr. Memorial Hospital	113	196	0	0	2	0	0	0	0
Avery Total			113	196	0	0	2	0	0	0	0
Beaufort	H0002	Vidant Pungo Hospital (closed)	0	0	0	0	2	0	0	0	0
Beaufort	H0188	Vidant Beaufort Hospital	513	2,099	1	0	5	-1	0	0	0
Beaufort Total			513	2,099	1	0	7	-1	0	0	0
Bertie	H0268	Vidant Bertie Hospital	1	648	0	0	2	0	0	0	0
Bertie Total			1	648	0	0	2	0	0	0	0
Bladen	H0154	Cape Fear Valley-Bladen County Hospital	200	467	0	0	2	0	0	0	0
Bladen Total			200	467	0	0	2	0	0	0	0
Brunswick		2016 SMFP Need Determination	0	0	0	0	0	0	0	1	0
Brunswick	H0150	J. Arthur Doshier Memorial Hospital	351	1,113	0	0	2	0	0	0	0
Brunswick	H0250	Novant Health Brunswick Medical Center	1,091	3,216	1	0	4	-1	0	0	0
Brunswick Total			1,442	4,329	1	0	6	-1	0	1	0
Buncombe	AS0038	Orthopaedic Surgery Center of Asheville	0	3,138	0	3	0	0	0	0	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Buncombe	AS0065	Asheville Eye Surgery Center	0	4,074	0	1	0	0	0	0	0
Buncombe	H0036	Mission Hospital	11,262	21,239	8	9	30	-2	-1	0	0
Buncombe Total			11,262	28,451	8	13	30	-2	-1	0	0
Burke	AS0040	Surgery Center of Morganton Eye Physicians	0	2,407	0	2	0	0	0	0	0
Burke	H0062	Carolinas HealthCare System Blue Ridge	1,148	3,877	1	0	9	-1	0	0	0
Burke Total			1,148	6,284	1	2	9	-1	0	0	0
Cabarrus	AS0019	Eye Surgery Center and Laser Clinic	0	2,946	0	2	0	0	0	0	0
Cabarrus	AS0070	Gateway Surgery Center	0	6,489	0	4	0	0	0	0	0
Cabarrus	H0031	Carolinas HealthCare System NorthEast	4,985	5,267	4	0	17	-2	0	0	0
Cabarrus Total			4,985	14,702	4	6	17	-2	0	0	0
Caldwell	H0061	Caldwell Memorial Hospital	1,011	3,039	1	3	4	-1	0	0	0
Caldwell Total			1,011	3,039	1	3	4	-1	0	0	0
Carteret	AS0061	The Surgical Center of Morehead City	0	2,041	0	2	0	0	0	0	0
Carteret	H0222	Carteret General Hospital	1,183	1,996	1	0	5	-1	0	0	0
Carteret Total			1,183	4,037	1	2	5	-1	0	0	0
Catawba	AS0036	Graystone Eye Surgery Center	0	6,069	0	2	0	0	0	0	0
Catawba	AS0101	Viewmont Surgery Center	0	2,905	0	3	0	0	0	0	0
Catawba	H0053	Frye Regional Medical Center	2,280	4,564	2	4	15	0	0	0	0
Catawba	H0223	Catawba Valley Medical Center	2,082	5,316	1	0	12	-1	0	0	0
Catawba Total			4,362	18,854	3	9	27	-1	0	0	0
Chatham	H0007	Chatham Hospital	32	715	0	0	2	0	0	0	0
Chatham Total			32	715	0	0	2	0	0	0	0
Cherokee	H0239	Murphy Medical Center	444	2,058	0	0	4	0	0	0	0
Cherokee Total			444	2,058	0	0	4	0	0	0	0
Chowan	H0063	Vidant Chowan Hospital	293	802	0	0	3	0	0	0	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Chowan Total			293	802	0	0	3	0	0	0	0
Cleveland	AS0049	Eye Surgery Center of Shelby	0	1,908	0	2	0	0	0	0	0
Cleveland	AS0062	Cleveland Ambulatory Services	0	1,334	0	4	0	0	0	0	0
Cleveland	H0024	Carolinas HealthCare System Cleveland	1,647	4,073	1	0	6	-1	0	0	0
Cleveland	H0113	Carolinas HealthCare System Kings Mountain	128	813	0	0	2	0	0	0	0
Cleveland Total			1,775	8,128	1	6	8	-1	0	0	0
Columbus	H0045	Columbus Regional Healthcare System	1,011	2,388	1	0	5	-1	0	0	0
Columbus Total			1,011	2,388	1	0	5	-1	0	0	0
Craven	H0201	CarolinaEast Medical Center	3,224	9,835	3	6	9	-1	0	0	0
Craven Total			3,224	9,835	3	6	9	-1	0	0	0
Cumberland	AS0006	Fayetteville Ambulatory Surgery Center	0	11,182	0	11	0	0	0	0	0
Cumberland	H0213	Cape Fear Valley Medical Center	6,352	5,755	5	0	13	-3	0	2	0
Cumberland	H0275	Highsmith-Rainey Specialty Hospital	152	2,741	0	0	3	0	0	-2	0
Cumberland Total			6,504	19,678	5	11	16	-3	0	0	0
Dare	AS0053	Sentara Kitty Hawk Ambulatory Surgery Center	0	691	0	2	0	0	0	0	0
Dare	H0273	The Outer Banks Hospital	263	1,466	1	0	2	-1	0	1	0
Dare Total			263	2,157	1	2	2	-1	0	1	0
Davidson	H0027	Lexington Medical Center	715	2,228	0	0	4	0	0	0	0
Davidson	H0112	Novant Health Thomasville Medical Center	454	3,339	1	0	5	-1	0	0	0
Davidson Total			1,169	5,567	1	0	9	-1	0	0	0
Davie	H0171	Davie Medical Center	0	2,753	0	0	2	0	0	0	0
Davie Total			0	2,753	0	0	2	0	0	0	0
Duplin	H0166	Vidant Duplin Hospital	462	1,556	0	0	3	0	0	0	0
Duplin Total			462	1,556	0	0	3	0	0	0	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Guilford	AS0009	Greensboro Specialty Surgical Center	0	2,583	0	3	0	0	0	0	0
Guilford	AS0015	Carolina Birth Center	0	5	0	1	0	0	0	0	0
Guilford	AS0018	Surgical Center of Greensboro	0	13,000	0	13	0	0	0	0	0
Guilford	AS0033	Surgical Eye Center	0	1,984	0	4	0	0	0	0	0
Guilford	AS0047	High Point Surgery Center	0	3,857	0	6	0	0	0	0	0
Guilford	AS0063	Piedmont Surgical Center	0	380	0	2	0	0	0	0	0
Guilford	H0052	High Point Regional Health	2,667	2,558	3	0	9	-1	0	-1	0
Guilford	H0073	Kindred Hospital - Greensboro	227	3	0	0	1	0	0	0	0
Guilford	H0159	Cone Health	13,014	16,229	4	13	37	0	-1	-8	0
Guilford Total			15,908	40,599	7	42	47	-1	-1	-7	0
Halifax	H0230	Halifax Regional Medical Center	1,172	2,497	0	0	6	0	0	0	0
Halifax Total			1,172	2,497	0	0	6	0	0	0	0
Harnett	H0224	Betsy Johnson Hospital	740	2,301	0	0	7	0	0	0	0
Harnett Total			740	2,301	0	0	7	0	0	0	0
Haywood	H0025	Haywood Regional Medical Center	1,043	3,581	0	0	7	0	0	0	0
Haywood Total			1,043	3,581	0	0	7	0	0	0	0
Henderson	H0019	Park Ridge Health	1,107	4,429	1	0	6	-1	0	0	0
Henderson	H0161	Margaret R. Pardee Memorial Hospital	1,501	5,336	0	0	10	0	0	0	0
Henderson Total			2,608	9,765	1	0	16	-1	0	0	0
Hertford	H0001	Vidant Roanoke-Chowan Hospital	577	1,365	1	0	5	-1	0	0	0
Hertford Total			577	1,365	1	0	5	-1	0	0	0
Hoke	H0287	FirstHealth Moore Regional Hospital - Hoke Campus	0	226	0	0	1	0	0	1	0
Hoke	H0288	Cape Fear Valley Hoke Hospital	0	140	1	0	2	-1	0	0	0
Hoke Total			0	366	1	0	3	-1	0	1	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Iredell	AS0042	Iredell Head Neck and Ear Ambulatory Surgery Center	0	496	0	1	0	0	0	0	0
Iredell	AS0050	Iredell Surgical Center	0	1,272	0	4	0	0	0	0	0
Iredell	H0164	Iredell Memorial Hospital	1,746	3,953	1	0	10	-1	0	0	0
Iredell	H0248	Davis Regional Medical Center	522	1,356	1	0	5	-1	0	0	0
Iredell	H0259	Lake Norman Regional Medical Center	1,858	5,390	1	2	7	-1	0	0	0
Iredell Total			4,126	12,467	3	7	22	-3	0	0	0
Jackson	H0087	Harris Regional Hospital	859	3,672	0	0	6	0	0	0	1
Jackson Total			859	3,672	0	0	6	0	0	0	1
Johnston	H0151	Johnston Health	1,461	4,877	1	2	5	-1	0	1	1
Johnston Total			1,461	4,877	1	2	5	-1	0	1	1
Lee	H0243	Central Carolina Hospital	704	3,085	1	0	6	-1	0	0	0
Lee Total			704	3,085	1	0	6	-1	0	0	0
Lenoir	H0043	Lenoir Memorial Hospital	726	2,583	1	0	9	-1	0	0	0
Lenoir Total			726	2,583	1	0	9	-1	0	0	0
Lincoln	H0225	Carolinas HealthCare System Lincoln	619	1,828	1	1	3	-1	0	0	0
Lincoln Total			619	1,828	1	1	3	-1	0	0	0
Macon	H0034	Angel Medical Center	491	2,957	1	0	4	-1	0	0	0
Macon	H0193	Highlands-Cashiers Hospital	0	0	0	0	2	0	0	0	0
Macon Total			491	2,957	1	0	6	-1	0	0	0
Martin	H0078	Martin General Hospital	205	398	0	0	2	0	0	0	1
Martin Total			205	398	0	0	2	0	0	0	1
McDowell	H0097	The McDowell Hospital	204	795	1	0	3	-1	0	0	0
McDowell Total			204	795	1	0	3	-1	0	0	0
Mecklenburg		Randolph Surgery Center	0	0	0	0	0	0	0	6	0
Mecklenburg		Presbyterian Hospital Mint Hill	0	0	0	0	0	0	0	4	1
Mecklenburg	AS0026	Charlotte Surgery Center	0	8,792	0	7	0	0	0	-1	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Mecklenburg	AS0058	Carolina Center for Specialty Surgery	0	1,704	0	2	0	0	0	0	0
Mecklenburg	AS0068	SouthPark Surgery Center	0	10,022	0	6	0	0	0	0	0
Mecklenburg	AS0098	Novant Health Ballantyne Outpatient Surgery	0	946	0	2	0	0	0	0	0
Mecklenburg	AS0124	Novant Health Huntersville Outpatient Surgery	0	1,903	0	2	0	0	0	0	0
Mecklenburg	AS0136	Matthews Surgery Center	0	1,887	0	2	0	0	0	0	0
Mecklenburg	AS0148	Mallard Creek Surgery Center**	0	1,874	0	2	0	0	0	0	0
Mecklenburg	H0010	Novant Health Presbyterian Medical Center	7,911	20,138	6	6	34	-3	0	-6	0
Mecklenburg	H0042	Carolinas Healthcare System Pineville	2,824	4,444	3	0	9	-2	0	0	0
Mecklenburg	H0071	Carolinas Medical Center	21,242	21,593	10	11	41	-4	-1	-2	0
Mecklenburg	H0255	Carolinas HealthCare System University	1,019	6,845	1	2	9	-1	0	-3	0
Mecklenburg	H0270	Novant Health Matthews Medical Center	1,341	3,768	2	0	6	-2	0	0	0
Mecklenburg	H0282	Novant Health Huntersville Medical Center	1,291	3,258	1	0	5	-1	0	1	0
Mecklenburg Total			35,628	87,174	23	42	104	-13	-1	-1	1
Mitchell	H0169	Blue Ridge Regional Hospital	216	590	0	0	3	0	0	0	0
Mitchell Total			216	590	0	0	3	0	0	0	0
Montgomery	H0003	FirstHealth Montgomery Memorial Hospital	0	256	0	0	2	0	0	0	0
Montgomery Total			0	256	0	0	2	0	0	0	0
Moore	AS0022	The Eye Surgery Center of the Carolinas	0	7,682	0	3	0	0	0	0	0
Moore	AS0069	Surgery Center of Pinehurst	0	5,361	0	6	0	0	0	0	0
Moore	H0100	FirstHealth Moore Regional Hospital	6,353	4,892	2	0	15	0	0	-1	0
Moore Total			6,353	17,935	2	9	15	0	0	-1	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Nash	H0228	Nash General Hospital	1,691	6,378	1	0	13	-1	0	0	0
Nash Total			1,691	6,378	1	0	13	-1	0	0	0
New Hanover		2016 SMFP Need Determination	0	0	0	0	0	0	0	3	0
New Hanover	AS0055	Wilmington SurgCare	0	8,463	0	7	0	0	0	0	0
New Hanover	H0221	New Hanover Regional Medical Center	10,932	23,203	5	4	29	-3	-1	0	0
New Hanover Total			10,932	31,666	5	11	29	-3	-1	3	0
Onslow	H0048	Onslow Memorial Hospital	1,100	3,949	1	4	5	-1	0	0	0
Onslow Total			1,100	3,949	1	4	5	-1	0	0	0
Orange	H0157	University of North Carolina Hospitals	12,845	16,960	6	11	29	-3	-2	0	0
Orange Total			12,845	16,960	6	11	29	-3	-2	0	0
Pasquotank	H0054	Sentara Albemarle Medical Center	880	3,997	2	0	8	-2	0	0	0
Pasquotank Total			880	3,997	2	0	8	-2	0	0	0
Pender	H0115	Pender Memorial Hospital	8	88	0	0	2	0	0	0	0
Pender Total			8	88	0	0	2	0	0	0	0
Person	H0066	Person Memorial Hospital	298	911	1	0	4	-1	0	0	0
Person Total			298	911	1	0	4	-1	0	0	0
Pitt	AS0012	Vidant SurgiCenter	0	11,332	0	10	0	0	0	0	0
Pitt	H0104	Vidant Medical Center	11,964	8,508	7	0	26	-4	-1	0	0
Pitt Total			11,964	19,840	7	10	26	-4	-1	0	0
Polk	H0079	St. Luke's Hospital	402	604	0	0	3	0	0	0	0
Polk Total			402	604	0	0	3	0	0	0	0
Randolph	H0013	Randolph Hospital	959	3,510	1	2	5	-1	0	0	0
Randolph Total			959	3,510	1	2	5	-1	0	0	0
Richmond	H0158	FirstHealth Richmond Memorial Hospital	250	1,170	1	0	3	-1	0	0	0
Richmond	H0265	Sandhills Regional Medical Center	176	584	0	0	3	0	0	0	0
Richmond Total			426	1,754	1	0	6	-1	0	0	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Robeson	AS0150	The Surgery Center at Southeastern Health Park	0	334	0	1	0	0	0	3	0
Robeson	H0064	Southeastern Regional Medical Center	1,784	3,132	2	0	8	-1	0	-3	0
Robeson Total			1,784	3,466	2	1	8	-1	0	0	0
Rockingham	H0023	Annie Penn Hospital	411	1,704	0	0	4	0	0	0	0
Rockingham	H0072	Morehead Memorial Hospital	666	1,821	1	0	5	-1	0	0	0
Rockingham Total			1,077	3,525	1	0	9	-1	0	0	0
Rowan	H0040	Novant Health Rowan Medical Center	1,798	6,698	2	3	8	-2	0	0	0
Rowan Total			1,798	6,698	2	3	8	-2	0	0	0
Rutherford	H0039	Rutherford Regional Medical Center	1,119	1,455	0	0	5	0	0	0	0
Rutherford Total			1,119	1,455	0	0	5	0	0	0	0
Sampson	H0067	Sampson Regional Medical Center	438	1,165	0	0	8	0	0	0	0
Sampson Total			438	1,165	0	0	8	0	0	0	0
Scotland	H0107	Scotland Memorial Hospital	1,142	3,018	1	0	5	-1	0	0	0
Scotland Total			1,142	3,018	1	0	5	-1	0	0	0
Stanly	H0008	Carolinas HealthCare System - Stanly	455	1,897	1	0	5	-1	0	0	0
Stanly Total			455	1,897	1	0	5	-1	0	0	0
Stokes	H0165	Pioneer Community Hospital of Stokes	0	336	0	2	2	0	0	0	0
Stokes Total			0	336	0	2	2	0	0	0	0
Surry	H0049	Hugh Chatham Memorial Hospital	1,130	3,145	1	0	5	-1	0	0	0
Surry	H0184	Northern Hospital of Surry County	753	2,445	1	0	4	-1	0	0	0
Surry Total			1,883	5,590	2	0	9	-2	0	0	0
Swain	H0069	Swain Community Hospital	0	0	0	0	1	0	0	0	0
Swain Total			0	0	0	0	1	0	0	0	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Transylvania	H0111	Transylvania Regional Hospital	361	1,915	0	0	4	0	0	0	0
Transylvania Total			361	1,915	0	0	4	0	0	0	0
Union	AS0120	Presbyterian SameDay Surgery Center-Monroe (closed)	0	0	0	1	0	0	0	0	0
Union	AS0132	Union West Surgery Center	0	2,395	0	2	0	0	0	0	0
Union	H0050	Carolinas HealthCare System Union	1,391	4,804	2	0	6	-2	0	0	0
Union Total			1,391	7,199	2	3	6	-2	0	0	0
Vance	H0267	Maria Parham Medical Center	819	2,232	0	0	5	0	0	0	0
Vance Total			819	2,232	0	0	5	0	0	0	0
Wake		Holly Springs Surgery Center	0	0	0	0	0	0	0	3	0
Wake		Rex Surgery Center of Wakefield	0	0	0	0	0	0	0	2	0
Wake		Rex Hospital Holly Springs	0	0	0	0	0	0	0	3	1
Wake	AS0029	Blue Ridge Surgery Center	0	6,054	0	6	0	0	0	0	0
Wake	AS0034	Raleigh Plastic Surgery Center	0	323	0	1	0	0	0	0	0
Wake	AS0048	Southern Eye Associates Ophthalmic Surgery Center (closed)	0	0	0	2	0	0	0	-2	0
Wake	AS0129	Rex Surgery Center of Cary	0	4,145	0	4	0	0	0	0	0
Wake	AS0137	Capital City Surgery Center	0	6,647	0	6	0	0	0	2	0
Wake	AS0142	Triangle Orthopaedics Surgery Center**	0	2,203	0	2	0	0	0	0	0
Wake	AS0143	Raleigh Orthopaedic Surgery Center	0	3,739	0	4	0	0	0	0	0
Wake	H0065	Rex Hospital	7,984	13,216	3	3	24	-3	0	-5	1
Wake	H0199	WakeMed	7,825	9,128	8	4	16	-4	-1	0	0
Wake	H0238	Duke Raleigh Hospital	3,616	9,875	0	0	15	0	0	0	0
Wake	H0276	WakeMed Cary Hospital	2,560	4,228	2	0	9	-2	0	0	0
Wake Total			21,985	59,558	13	32	64	-9	-1	3	2
Washington	H0006	Washington County Hospital	0	0	0	0	2	0	0	0	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Washington Total			0	0	0	0	2	0	0	0	0
Watauga	H0077	Watauga Medical Center	1,023	3,892	1	0	6	-1	0	0	0
Watauga Total			1,023	3,892	1	0	6	-1	0	0	0
Wayne	H0257	Wayne Memorial Hospital	2,452	7,001	1	2	10	-1	0	1	0
Wayne Total			2,452	7,001	1	2	10	-1	0	1	0
Wilkes	AS0046	Wilkes Regional Medical Center Ambulatory Surgical Facility	0	0	0	1	0	0	0	-1	0
Wilkes	H0153	Wilkes Regional Medical Center	695	3,253	1	1	4	-1	0	1	0
Wilkes Total			695	3,253	1	2	4	-1	0	0	0
Wilson	AS0005	Eastern Regional Surgical Center	0	1,294	0	4	0	0	0	0	0
Wilson	AS0007	Wilson OB-GYN	0	105	0	1	0	0	0	0	0
Wilson	H0210	Wilson Medical Center	474	3,026	1	0	9	-1	0	0	0
Wilson Total			474	4,425	1	5	9	-1	0	0	0
Yadkin	H0155	Yadkin Valley Community Hospital (closed)	0	0	0	0	2	0	0	0	0
Yadkin Total			0	0	0	0	2	0	0	0	0

Table 6A: Operating Room Inventory (Combined Data for Hospitals and Ambulatory Surgical Facilities)

Case Data for 10/1/2014 through 9/30/2015 as reported on the 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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
Grand Total			250,229	652,632	152	296	914	-95	-11	3	6

* Duke University Hospital has 16 licensed operating rooms (ORs) approved under Policy AC-3 (CON # J-008030-07). North Carolina Baptist Hospital has a certificate of need (G-008460-10) for 7 ORs under Policy AC-3. The 23 ORs are not counted when determining OR need.

** This is a single-speciality ambulatory surgery demonstration project that is in the inventory, but is not counted in Table 6B.

Underutilized Facilities: Excluded from Need Determinations

H0053	Frye Regional Medical Center	Catawba	AS0050	Iredell Surgical Center	Iredell
AS0062	Cleveland Ambulatory Services	Cleveland	H0248	Davis Regional Medical Center	Iredell
AS0053	Sentara Kitty Hawk Ambulatory Surgery Center	Dare	H0193	Highlands-Cashiers Hospital	Macon
AS0021	Plastic Surgery Center of North Carolina	Forsyth	H0265	Sandhills Regional Medical Center	Richmond
AS0015	Carolina Birth Center	Guilford	AS0120	Presbyterian Same Day Surgery Center-Monroe	Union
AS0063	Piedmont Surgical Center	Guilford	AS0034	Raleigh Plastic Surgery Center	Wake

Table 6B: Projected Operating Room Need for 2019

A	B	C	D	E	F	G	H
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	2015 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 hours)	Estimated Inpatient Hours	2015 Ambulatory Cases	Ambulatory Case Time Standard (1.5 hours)	Estimated Ambulatory Hours	2015 Total Estimated Hours (D+G)
Alamance	1,790	3.0	5,370	7,681	1.5	11,522	16,892
Alexander	0	3.0	0	0	1.5	0	0
Alleghany	12	3.0	36	211	1.5	317	353
Anson	0	3.0	0	33	1.5	50	50
Ashe	213	3.0	639	738	1.5	1,107	1,746
Avery	113	3.0	339	196	1.5	294	633
Beaufort	513	3.0	1,539	2,099	1.5	3,149	4,688
Bertie	1	3.0	3	648	1.5	972	975
Bladen	200	3.0	600	467	1.5	701	1,301
Brunswick	1,442	3.0	4,326	4,329	1.5	6,494	10,820
<i>Buncombe</i>	11,262	3.0	33,786	28,451	1.5	42,677	76,463
<i>Madison</i>	0	3.0	0	0	1.5	0	0
<i>Yancey</i>	0	3.0	0	0	1.5	0	0
Buncombe/Madison/Yancey	11,262	3.0	33,786	28,451	1.5	42,677	76,463
Burke	1,148	3.0	3,444	6,284	1.5	9,426	12,870
Cabarrus	4,985	3.0	14,955	14,702	1.5	22,053	37,008
Caldwell	1,011	3.0	3,033	3,039	1.5	4,559	7,592
Carteret	1,183	3.0	3,549	4,037	1.5	6,056	9,605
Catawba	2,082	3.0	6,246	14,290	1.5	21,435	27,681
Chatham	32	3.0	96	715	1.5	1,073	1,169
<i>Cherokee</i>	444	3.0	1,332	2,058	1.5	3,087	4,419
<i>Clay</i>	0	3.0	0	0	1.5	0	0
Cherokee/Clay	444	3.0	1,332	2,058	1.5	3,087	4,419
Chowan	293	3.0	879	802	1.5	1,203	2,082
Cleveland	1,775	3.0	5,325	6,794	1.5	10,191	15,516
Columbus	1,011	3.0	3,033	2,388	1.5	3,582	6,615
<i>Craven</i>	3,224	3.0	9,672	9,835	1.5	14,753	24,425
<i>Jones</i>	0	3.0	0	0	1.5	0	0
<i>Pamlico</i>	0	3.0	0	0	1.5	0	0
Craven/Jones/Pamlico	3,224	3.0	9,672	9,835	1.5	14,753	24,425
Cumberland	6,504	3.0	19,512	19,678	1.5	29,517	49,029
Dare	263	3.0	789	1,466	1.5	2,199	2,988
Davidson	1,169	3.0	3,507	5,567	1.5	8,351	11,858
Davie	0	3.0	0	2,753	1.5	4,130	4,130
Duplin	462	3.0	1,386	1,556	1.5	2,334	3,720
Durham	22,806	3.0	68,418	35,329	1.5	52,994	121,412
Edgecombe	577	3.0	1,731	1,693	1.5	2,540	4,271
Forsyth	24,630	3.0	73,890	45,607	1.5	68,411	142,301
Franklin	32	3.0	96	634	1.5	951	1,047
Gaston	4,006	3.0	12,018	11,965	1.5	17,948	29,966
Granville	725	3.0	2,175	2,230	1.5	3,345	5,520
<i>Caswell</i>	0	3.0	0	0	1.5	0	0
<i>Guilford</i>	15,908	3.0	47,724	40,214	1.5	60,321	108,045
Guilford/Caswell	15,908	3.0	47,724	40,214	1.5	60,321	108,045

Table 6B: Projected Operating Room Need for 2019

A	I	J	K	L	M	N	O
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	Growth Factor 2015-2019 (Population Change Rate)	2019 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x .8)	Projected ORs Needed in 2019	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
Alamance	4.93%	17,723.52	1,872	9.47	2	3	9
Alexander	4.09%	0.00	1,872	0.00	0	0	2
Alleghany	2.15%	360.08	1,872	0.19	0	0	2
Anson	-0.01%	49.50	1,872	0.03	0	0	1
Ashe	0.41%	1,753.24	1,872	0.94	0	0	2
Avery	0.00%	633.00	1,872	0.34	0	0	2
Beaufort	0.00%	4,687.60	1,872	2.50	1	0	7
Bertie	-5.12%	925.06	1,872	0.49	0	0	2
Bladen	0.47%	1,306.57	1,872	0.70	0	0	2
Brunswick	10.17%	11,919.81	1,872	6.37	1	0	6
<i>Buncombe</i>	4.83%	80,152.39	1,872	42.82	8	13	30
<i>Madison</i>	2.72%	0.00	1,872	0.00	0	0	0
<i>Yancey</i>	0.15%	0.00	1,872	0.00	0	0	0
Buncombe/Madison/Yancey	4.38%	79,815.29	1,872	42.64	8	13	30
Burke	0.00%	12,869.86	1,872	6.87	1	2	9
Cabarrus	8.73%	40,238.66	1,872	21.50	4	6	17
Caldwell	-0.17%	7,578.51	1,872	4.05	1	3	4
Carteret	1.02%	9,702.02	1,872	5.18	1	2	5
Catawba	0.90%	27,929.31	1,872	14.92	1	5	12
Chatham	6.46%	1,244.03	1,872	0.66	0	0	2
<i>Cherokee</i>	0.49%	4,440.70	1,872	2.37	0	0	4
<i>Clay</i>	0.71%	0.00	1,872	0.00	0	0	0
Cherokee/Clay	0.55%	4,443.41	1,872	2.37	0	0	4
Chowan	-0.01%	2,081.86	1,872	1.11	0	0	3
Cleveland	0.96%	15,665.40	1,872	8.37	1	2	8
Columbus	0.00%	6,615.11	1,872	3.53	1	0	5
<i>Craven</i>	3.15%	25,195.00	1,872	13.46	3	6	9
<i>Jones</i>	0.98%	0.00	1,872	0.00	0	0	0
<i>Pamlico</i>	0.82%	0.00	1,872	0.00	0	0	0
Craven/Jones/Pamlico	2.74%	25,093.47	1,872	13.40	3	6	9
Cumberland	2.22%	50,115.45	1,872	26.77	5	11	16
Dare	1.49%	3,032.59	1,872	1.62	1	0	2
Davidson	1.14%	11,993.24	1,872	6.41	1	0	9
Davie	-0.01%	4,129.00	1,872	2.21	0	0	2
Duplin	2.10%	3,798.28	1,872	2.03	0	0	3
Durham	7.52%	130,545.69	1,872	69.74	6	17	53
Edgecombe	-0.66%	4,242.36	1,872	2.27	1	0	5
Forsyth	4.28%	148,392.47	1,872	79.27	9	6	72
Franklin	3.80%	1,086.78	1,872	0.58	0	0	3
Gaston	2.74%	30,785.42	1,872	16.45	5	14	9
Granville	1.31%	5,592.36	1,872	2.99	0	0	3
<i>Caswell</i>	-0.05%	0.00	1,872	0.00	0	0	0
<i>Guilford</i>	2.91%	111,191.48	1,872	59.40	7	39	47
Guilford/Caswell	2.78%	111,051.33	1,872	59.32	7	39	47

Table 6B: Projected Operating Room Need for 2019

A	P	Q	R	S	T	U
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	Excluded Dedicated C-Section Rooms	Exclusion of One OR 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	0	0	12	-2.53	0
Alexander	0	0	0	2	-2.00	0
Alleghany	0	0	0	2	-1.81	0
Anson	0	0	0	1	-0.97	0
Ashe	0	0	0	2	-1.06	0
Avery	0	0	0	2	-1.66	0
Beaufort	-1	0	0	7	-4.50	0
Bertie	0	0	0	2	-1.51	0
Bladen	0	0	0	2	-1.30	0
Brunswick	-1	0	1	7	-0.63	0
<i>Buncombe</i>	-2	-1	0	48	-5.18	0
<i>Madison</i>	0	0	0	0	0.00	0
<i>Yancey</i>	0	0	0	0	0.00	0
Buncombe/Madison/Yancey	-2	-1	0	48	-5.36	0
Burke	-1	0	0	11	-4.13	0
Cabarrus	-2	0	0	25	-3.50	0
Caldwell	-1	0	0	7	-2.95	0
Carteret	-1	0	0	7	-1.82	0
Catawba	-1	0	0	17	-2.08	0
Chatham	0	0	0	2	-1.34	0
<i>Cherokee</i>	0	0	0	4	-1.63	0
<i>Clay</i>	0	0	0	0	0.00	0
Cherokee/Clay	0	0	0	4	-1.63	0
Chowan	0	0	0	3	-1.89	0
Cleveland	-1	0	0	10	-1.63	0
Columbus	-1	0	0	5	-1.47	0
<i>Craven</i>	-1	0	0	17	-3.54	0
<i>Jones</i>	0	0	0	0	0.00	0
<i>Pamlico</i>	0	0	0	0	0.00	0
Craven/Jones/Pamlico	-1	0	0	17	-3.60	0
Cumberland	-3	0	0	29	-2.23	0
Dare	-1	0	1	3	-1.38	0
Davidson	-1	0	0	9	-2.59	0
Davie	0	0	0	2	0.21	1
Duplin	0	0	0	3	-0.97	0
Durham	-2	-1	0	73	-3.26	0
Edgecombe	-1	0	0	5	-2.73	0
Forsyth	-2	-2	0	83	-3.73	0
Franklin	0	0	1	4	-3.42	0
Gaston	-4	0	0	24	-7.55	0
Granville	0	0	0	3	-0.01	0
<i>Caswell</i>	0	0	0	0	0.00	0
<i>Guilford</i>	-1	-1	-7	84	-24.60	0
Guilford/Caswell	-1	-1	-7	84	-24.68	0

Table 6B: Projected Operating Room Need for 2019

A	B	C	D	E	F	G	H
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	2015 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 hours)	Estimated Inpatient Hours	2015 Ambulatory Cases	Ambulatory Case Time Standard (1.5 hours)	Estimated Ambulatory Hours	2015 Total Estimated Hours (D+G)
<i>Halifax</i>	1,172	3.0	3,516	2,497	1.5	3,746	7,262
<i>Northampton</i>	0	3.0	0	0	1.5	0	0
Halifax/Northampton	1,172	3.0	3,516	2,497	1.5	3,746	7,262
Harnett	740	3.0	2,220	2,301	1.5	3,452	5,672
Haywood	1,043	3.0	3,129	3,581	1.5	5,372	8,501
Henderson	2,608	3.0	7,824	9,765	1.5	14,648	22,472
Hertford	577	3.0	1,731	1,365	1.5	2,048	3,779
Hoke	0	3.0	0	366	1.5	549	549
Iredell	3,604	3.0	10,812	9,839	1.5	14,759	25,571
<i>Graham</i>	0	3.0	0	0	1.5	0	0
<i>Jackson</i>	859	3.0	2,577	3,672	1.5	5,508	8,085
<i>Swain</i>	0	3.0	0	0	1.5	0	0
Jackson/Graham/Swain	859	3.0	2,577	3,672	1.5	5,508	8,085
Johnston	1,461	3.0	4,383	4,877	1.5	7,316	11,699
Lee	704	3.0	2,112	3,085	1.5	4,628	6,740
Lenoir	726	3.0	2,178	2,583	1.5	3,875	6,053
Lincoln	619	3.0	1,857	1,828	1.5	2,742	4,599
Macon	491	3.0	1,473	2,957	1.5	4,436	5,909
Martin	205	3.0	615	398	1.5	597	1,212
McDowell	204	3.0	612	795	1.5	1,193	1,805
Mecklenburg	35,628	3.0	106,884	85,300	1.5	127,950	234,834
Mitchell	216	3.0	648	590	1.5	885	1,533
Montgomery	0	3.0	0	256	1.5	384	384
Moore	6,353	3.0	19,059	17,935	1.5	26,903	45,962
Nash	1,691	3.0	5,073	6,378	1.5	9,567	14,640
New Hanover	10,932	3.0	32,796	31,666	1.5	47,499	80,295
Onslow	1,100	3.0	3,300	3,949	1.5	5,924	9,224
Orange	12,845	3.0	38,535	16,960	1.5	25,440	63,975
<i>Camden</i>	0	3.0	0	0	1.5	0	0
<i>Currituck</i>	0	3.0	0	0	1.5	0	0
<i>Gates</i>	0	3.0	0	0	1.5	0	0
<i>Pasquotank</i>	880	3.0	2,640	3,997	1.5	5,996	8,636
<i>Perquimans</i>	0	3.0	0	0	1.5	0	0
Pasq-Cam-Cur-Gates-Perq	880	3.0	2,640	3,997	1.5	5,996	8,636
Pender	8	3.0	24	88	1.5	132	156
Person	298	3.0	894	911	1.5	1,367	2,261
<i>Greene</i>	0	3.0	0	0	1.5	0	0
<i>Hyde</i>	0	3.0	0	0	1.5	0	0
<i>Pitt</i>	11,964	3.0	35,892	19,840	1.5	29,760	65,652
<i>Tyrrell</i>	0	3.0	0	0	1.5	0	0
Pitt/Greene/Hyde/Tyrrell	11,964	3.0	35,892	19,840	1.5	29,760	65,652
Polk	402	3.0	1,206	604	1.5	906	2,112
Randolph	959	3.0	2,877	3,510	1.5	5,265	8,142
Richmond	250	3.0	750	1,170	1.5	1,755	2,505
Robeson	1,784	3.0	5,352	3,466	1.5	5,199	10,551

Table 6B: Projected Operating Room Need for 2019

A	I	J	K	L	M	N	O
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	Growth Factor 2015-2019 (Population Change Rate)	2019 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x .8)	Projected ORs Needed in 2019	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
<i>Halifax</i>	-2.34%	7,091.48	1,872	3.79	0	0	6
<i>Northampton</i>	-2.58%	0.00	1,872	0.00	0	0	0
Halifax/Northampton	-2.41%	7,086.47	1,872	3.79	0	0	6
Harnett	7.05%	6,071.16	1,872	3.24	0	0	7
Haywood	1.73%	8,647.26	1,872	4.62	0	0	7
Henderson	4.19%	23,412.72	1,872	12.51	1	0	16
Hertford	-1.24%	3,731.46	1,872	1.99	1	0	5
Hoke	9.29%	600.01	1,872	0.32	1	0	3
Iredell	5.01%	26,852.04	1,872	14.34	2	3	17
<i>Graham</i>	3.07%	0.00	1,872	0.00	0	0	0
<i>Jackson</i>	2.32%	8,272.64	1,872	4.42	0	0	6
<i>Swain</i>	4.13%	0.00	1,872	0.00	0	0	1
Jackson/Graham/Swain	2.84%	8,314.56	1,872	4.44	0	0	7
Johnston	7.98%	12,632.23	1,872	6.75	1	2	5
Lee	0.05%	6,743.14	1,872	3.60	1	0	6
Lenoir	-0.34%	6,032.11	1,872	3.22	1	0	9
Lincoln	3.01%	4,737.47	1,872	2.53	1	1	3
Macon	4.88%	6,196.71	1,872	3.31	1	0	4
Martin	-1.85%	1,189.56	1,872	0.64	0	0	2
McDowell	0.43%	1,812.21	1,872	0.97	1	0	3
Mecklenburg	8.50%	254,792.68	1,872	136.11	23	40	104
Mitchell	1.36%	1,553.83	1,872	0.83	0	0	3
Montgomery	0.30%	385.16	1,872	0.21	0	0	2
Moore	4.53%	48,045.47	1,872	25.67	2	9	15
Nash	-0.81%	14,521.74	1,872	7.76	1	0	13
New Hanover	5.73%	84,893.28	1,872	45.35	5	11	29
Onslow	3.10%	9,509.01	1,872	5.08	1	4	5
Orange	4.70%	66,983.11	1,872	35.78	6	11	29
<i>Camden</i>	2.47%	0.00	1,872	0.00	0	0	0
<i>Currituck</i>	8.49%	0.00	1,872	0.00	0	0	0
<i>Gates</i>	0.00%	0.00	1,872	0.00	0	0	0
<i>Pasquotank</i>	0.89%	8,712.45	1,872	4.65	2	0	8
<i>Perquimans</i>	0.49%	0.00	1,872	0.00	0	0	0
Pasq-Cam-Cur-Gates-Perq	2.81%	8,878.56	1,872	4.74	2	0	8
Pender	7.86%	168.27	1,872	0.09	0	0	2
Person	0.56%	2,273.09	1,872	1.21	1	0	4
<i>Greene</i>	0.00%	0.00	1,872	0.00	0	0	0
<i>Hyde</i>	-0.89%	0.00	1,872	0.00	0	0	0
<i>Pitt</i>	2.00%	66,966.24	1,872	35.77	7	10	26
<i>Tyrrell</i>	0.02%	0.00	1,872	0.00	0	0	0
Pitt/Greene/Hyde/Tyrrell	1.68%	66,752.26	1,872	35.66	7	10	26
Polk	1.91%	2,152.42	1,872	1.15	0	0	3
Randolph	1.64%	8,275.41	1,872	4.42	1	2	5
Richmond	-0.34%	2,496.53	1,872	1.33	1	0	3
Robeson	-0.93%	10,452.98	1,872	5.58	2	1	8

Table 6B: Projected Operating Room Need for 2019

A	P	Q	R	S	T	U
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	Excluded Dedicated C-Section Rooms	Exclusion of One OR 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
<i>Halifax</i>	0	0	0	6	-2.21	0
<i>Northampton</i>	0	0	0	0	0.00	0
Halifax/Northampton	0	0	0	6	-2.21	0
Harnett	0	0	0	7	-3.76	0
Haywood	0	0	0	7	-2.38	0
Henderson	-1	0	0	16	-3.49	0
Hertford	-1	0	0	5	-3.01	0
Hoke	-1	0	1	4	-3.68	0
Iredell	-2	0	0	20	-5.66	0
<i>Graham</i>	0	0	0	0	0.00	0
<i>Jackson</i>	0	0	0	6	-1.58	0
<i>Swain</i>	0	0	0	1	-1.00	0
Jackson/Graham/Swain	0	0	0	7	-2.56	0
Johnston	-1	0	1	8	-1.25	0
Lee	-1	0	0	6	-2.40	0
Lenoir	-1	0	0	9	-5.78	0
Lincoln	-1	0	0	4	-1.47	0
Macon	-1	0	0	4	-0.69	0
Martin	0	0	0	2	-1.36	0
McDowell	-1	0	0	3	-2.03	0
Mecklenburg	-13	-1	-1	152	-15.89	0
Mitchell	0	0	0	3	-2.17	0
Montgomery	0	0	0	2	-1.79	0
Moore	0	0	-1	25	0.67	1
Nash	-1	0	0	13	-5.24	0
New Hanover	-3	-1	3	44	1.35	1
Onslow	-1	0	0	9	-3.92	0
Orange	-3	-2	0	41	-5.22	0
<i>Camden</i>	0	0	0	0	0.00	0
<i>Currituck</i>	0	0	0	0	0.00	0
<i>Gates</i>	0	0	0	0	0.00	0
<i>Pasquotank</i>	-2	0	0	8	-3.35	0
<i>Perquimans</i>	0	0	0	0	0.00	0
Pasq-Cam-Cur-Gates-Perq	-2	0	0	8	-3.26	0
Pender	0	0	0	2	-1.91	0
Person	-1	0	0	4	-2.79	0
<i>Greene</i>	0	0	0	0	0.00	0
<i>Hyde</i>	0	0	0	0	0.00	0
<i>Pitt</i>	-4	-1	0	38	-2.23	0
<i>Tyrrell</i>	0	0	0	0	0.00	0
Pitt/Greene/Hyde/Tyrrell	-4	-1	0	38	-2.34	0
Polk	0	0	0	3	-1.85	0
Randolph	-1	0	0	7	-2.58	0
Richmond	-1	0	0	3	-1.67	0
Robeson	-1	0	0	10	-4.42	0

Table 6B: Projected Operating Room Need for 2019

A	B	C	D	E	F	G	H
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	2015 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 hours)	Estimated Inpatient Hours	2015 Ambulatory Cases	Ambulatory Case Time Standard (1.5 hours)	Estimated Ambulatory Hours	2015 Total Estimated Hours (D+G)
Rockingham	1,077	3.0	3,231	3,525	1.5	5,288	8,519
Rowan	1,798	3.0	5,394	6,698	1.5	10,047	15,441
Rutherford	1,119	3.0	3,357	1,455	1.5	2,183	5,540
Sampson	438	3.0	1,314	1,165	1.5	1,748	3,062
Scotland	1,142	3.0	3,426	3,018	1.5	4,527	7,953
Stanly	455	3.0	1,365	1,897	1.5	2,846	4,211
Stokes	0	3.0	0	336	1.5	504	504
Surry	1,883	3.0	5,649	5,590	1.5	8,385	14,034
Transylvania	361	3.0	1,083	1,915	1.5	2,873	3,956
Union	1,391	3.0	4,173	7,199	1.5	10,799	14,972
<i>Vance</i>	819	3.0	2,457	2,232	1.5	3,348	5,805
<i>Warren</i>	0	3.0	0	0	1.5	0	0
Vance/Warren	819	3.0	2,457	2,232	1.5	3,348	5,805
Wake	21,985	3.0	65,955	57,032	1.5	85,548	151,503
Washington	0	3.0	0	0	1.5	0	0
Watauga	1,023	3.0	3,069	3,892	1.5	5,838	8,907
Wayne	2,452	3.0	7,356	7,001	1.5	10,502	17,858
Wilkes	695	3.0	2,085	3,253	1.5	4,880	6,965
Wilson	474	3.0	1,422	4,425	1.5	6,638	8,060
Yadkin	0	3.0	0	0	1.5	0	0
State Total	247,251			635,651			

Table 6B: Projected Operating Room Need for 2019

A	I	J	K	L	M	N	O
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	Growth Factor 2015-2019 (Population Change Rate)	2019 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x .8)	Projected ORs Needed in 2019	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
Rockingham	0.00%	8,518.50	1,872	4.55	1	0	9
Rowan	0.00%	15,441.00	1,872	8.25	2	3	8
Rutherford	-0.53%	5,510.19	1,872	2.94	0	0	5
Sampson	0.73%	3,083.85	1,872	1.65	0	0	8
Scotland	-2.95%	7,718.21	1,872	4.12	1	0	5
Stanly	1.62%	4,278.69	1,872	2.29	1	0	5
Stokes	0.00%	504.00	1,872	0.27	0	2	2
Surry	0.00%	14,033.81	1,872	7.50	2	0	9
Transylvania	3.67%	4,100.65	1,872	2.19	0	0	4
Union	8.37%	16,224.43	1,872	8.67	2	2	6
<i>Vance</i>	-0.30%	5,787.59	1,872	3.09	0	0	5
<i>Warren</i>	0.00%	0.00	1,872	0.00	0	0	0
Vance/Warren	-0.21%	5,793.04	1,872	3.09	0	0	5
Wake	7.98%	163,599.53	1,872	87.39	13	29	64
Washington	-2.13%	0.00	1,872	0.00	0	0	2
Watauga	2.93%	9,167.62	1,872	4.90	1	0	6
Wayne	1.65%	18,152.21	1,872	9.70	1	2	10
Wilkes	0.67%	7,011.06	1,872	3.75	1	2	4
Wilson	2.38%	8,250.93	1,872	4.41	1	5	9
Yadkin	-1.84%	0.00	1,872	0.00	0	0	2
State Total					149	268	889

Table 6B: Projected Operating Room Need for 2019

A	P	Q	R	S	T	U
Operating Room Service Areas (Single-county service areas are in bold. Counties in multicounty service areas are in italics with a shaded "total" row below.)	Excluded Dedicated C-Section Rooms	Exclusion of One OR 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
Rockingham	-1	0	0	9	-4.45	0
Rowan	-2	0	0	11	-2.75	0
Rutherford	0	0	0	5	-2.06	0
Sampson	0	0	0	8	-6.35	0
Scotland	-1	0	0	5	-0.88	0
Stanly	-1	0	0	5	-2.71	0
Stokes	0	0	0	4	-3.73	0
Surry	-2	0	0	9	-1.50	0
Transylvania	0	0	0	4	-1.81	0
Union	-2	0	0	8	0.67	1
<i>Vance</i>	0	0	0	5	-1.91	0
<i>Warren</i>	0	0	0	0	0.00	0
Vance/Warren	0	0	0	5	-1.91	0
Wake	-9	-1	3	99	-11.61	0
Washington	0	0	0	2	-2.00	0
Watauga	-1	0	0	6	-1.10	0
Wayne	-1	0	1	13	-3.30	0
Wilkes	-1	0	0	6	-2.25	0
Wilson	-1	0	0	14	-9.59	0
Yadkin	0	0	0	2	-2.00	0
State Total	-94	-11	3	1,204	-256	4

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is a need for four operating rooms, as shown in Table 6C. There is no need anywhere else in the state and no other reviews are scheduled.

Table 6C: Operating Room Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the Operating Room Service Areas listed in the table below needs 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
Davie	1	February 15, 2017	March 1, 2017
Moore	1	August 15, 2017	September 1, 2017
New Hanover	1	November 15, 2017	December 1, 2017
Union	1	May 15, 2017	June 1, 2017
It is determined that there is no need for additional operating rooms anywhere else in the state and no other reviews are scheduled.			

* Need determination 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 6D: Inventory for Single Specialty Ambulatory Surgery Demonstration Project

Operating Room Service Area	Provider	ORs
Charlotte Area (Mecklenburg, Cabarrus, Union counties)	University Surgery Center, LLC	2
Triad Area (Guilford, Forsyth counties)	Piedmont Outpatient Surgery Center	2
Triangle Area (Wake, Durham, Orange counties)	Triangle Orthopaedics Surgery Center	2
<p>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. Piedmont Outpatient Surgery Center received its license effective 2/6/2012. On 6/1/2011, CON #J-008616-10 was awarded to Triangle Orthopaedics Surgery Center to develop a single specialty (orthopaedic) ambulatory surgical facility in the Triangle Area. Triangle Orthopaedics Surgery Center received its license effective 2/25/2013. University Surgery Center, LLC (dba Mallard Creek Surgery Center) received CON #F-008543-10 on 7/18/2012 to develop a single specialty (orthopaedic) ambulatory surgical facility in the Charlotte Area and was licensed on May 1, 2014.</p>		

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 2016 Hospital and the 2016 Ambulatory Surgery Facility License Renewal Applications. The review schedule for endoscopy rooms in licensed facilities can be found in Chapter 3.

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
H0272	Alamance Regional Medical Center	Alamance	4	0	5,043	7,045
AS0128	Pioneer Ambulatory Surgery Center	Alamance	1	0	552	650
		Alamance Total	5	0	5,595	7,695
H0274	Alexander Hospital (closed)	Alexander	1	0	0	0
		Alexander Total	1	0	0	0
H0099	Ashe Memorial Hospital	Ashe	1	0	714	949
		Ashe Total	1	0	714	949
H0037	Charles A. Cannon, Jr. Memorial Hospital	Avery	1	0	325	325
		Avery Total	1	0	325	325
H0188	Vidant Beaufort Hospital	Beaufort	1	0	2,265	2,542
		Beaufort Total	1	0	2,265	2,542
H0150	J. Arthur Doshier Memorial Hospital	Brunswick	2	0	688	688
H0250	Novant Health Brunswick Medical Center	Brunswick	2	0	2,799	3,539
		Brunswick Total	4	0	3,487	4,227
H0036	Mission Hospital	Buncombe	6	0	5,909	7,634
AS0051	The Endoscopy Center	Buncombe	5	0	16,052	16,052
		Buncombe Total	11	0	21,961	23,686
AS0145	Carolina Digestive Care	Burke	2	0	2,245	3,046
H0062	Carolinas HealthCare System Blue Ridge	Burke	3	0	2,272	3,208
		Burke Total	5	0	4,517	6,254
H0031	Carolinas HealthCare System NorthEast	Cabarrus	6	0	3,627	4,698
AS0070	Gateway Surgery Center	Cabarrus	2	0	3,395	3,395
AS0104	Northeast Digestive Health Center	Cabarrus	3	0	4,634	5,302
		Cabarrus Total	11	0	11,656	13,395
H0061	Caldwell Memorial Hospital	Caldwell	2	0	1,187	1,383
		Caldwell Total	2	0	1,187	1,383
H0222	Carteret General Hospital	Carteret	2	0	228	228

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
AS0061	The Surgical Center of Morehead City	Carteret	1	0	1,691	1,952
		Carteret Total	3	0	1,919	2,180
H0223	Catawba Valley Medical Center	Catawba	2	0	1,935	2,308
H0053	Frye Regional Medical Center	Catawba	2	0	1,566	2,413
AS0077	Gastroenterology Associates, Hickory	Catawba	3	0	7,480	8,812
		Catawba Total	7	0	10,981	13,533
H0007	Chatham Hospital	Chatham	1	0	584	635
		Chatham Total	1	0	584	635
H0239	Murphy Medical Center	Cherokee	2	0	911	1,128
		Cherokee Total	2	0	911	1,128
H0063	Vidant Chowan Hospital	Chowan	1	0	525	607
		Chowan Total	1	0	525	607
H0024	Carolinas HealthCare System Cleveland	Cleveland	4	0	2,273	2,324
H0113	Carolinas HealthCare System Kings Mountain	Cleveland	1	0	0	0
AS0062	Cleveland Ambulatory Services	Cleveland	4	0	2,295	3,004
		Cleveland Total	9	0	4,568	5,328
H0045	Columbus Regional Healthcare System	Columbus	3	0	1,422	1,994
		Columbus Total	3	0	1,422	1,994
AS0096	CarolinaEast Internal Medicine	Craven	3	0	2,974	3,838
H0201	CarolinaEast Medical Center	Craven	2	0	1,638	2,407
AS0078	CCHC Endoscopy Center	Craven	3	0	5,125	6,436
		Craven Total	8	0	9,737	12,681
H0213	Cape Fear Valley Medical Center	Cumberland	4	0	3,857	4,360
AS0123	Digestive Health Endoscopy Center	Cumberland	2	0	5,481	5,910
AS0006	Fayetteville Ambulatory Surgery Center	Cumberland	3	0	372	605
AS0071	Fayetteville Gastroenterology Associates	Cumberland	4	0	10,106	10,813

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
H0275	Highsmith-Rainey Specialty Hospital	Cumberland	3	0	0	0
		Cumberland Total	16	0	19,816	21,688
H0273	The Outer Banks Hospital	Dare	2	0	625	625
		Dare Total	2	0	625	625
AS0146	Digestive Health Specialists	Davidson	2	0	2,027	2,347
H0027	Lexington Medical Center	Davidson	2	0	1,212	1,484
H0112	Novant Health Thomasville Medical Center	Davidson	1	0	928	1,099
		Davidson Total	5	0	4,167	4,930
H0171	Davie Medical Center	Davie	1	0	0	0
AS0139	Digestive Health Specialists PA	Davie	1	0	1,457	1,656
		Davie Total	2	0	1,457	1,656
H0233	Duke Regional Hospital	Durham	4	0	4,907	5,917
H0015	Duke University Hospital	Durham	10	1	11,350	18,240
AS0085	Triangle Endoscopy Center	Durham	4	0	4,909	5,537
		Durham Total	18	1	21,166	29,694
H0258	Vidant Edgecombe Hospital	Edgecombe	2	0	22	24
AS0127	Vidant Endoscopy Center	Edgecombe	1	0	914	926
		Edgecombe Total	3	0	936	950
AS0144	Digestive Health Endoscopy Center of Kernersville	Forsyth	2	0	2,951	3,297
AS0099	Digestive Health Specialists, P.A.	Forsyth	2	0	6,111	6,784
AS0044	Gastroenterology Associates of the Piedmont	Forsyth	4	0	5,676	7,218
AS0074	Gastroenterology Associates of the Piedmont	Forsyth	4	0	8,760	11,164
H0011	North Carolina Baptist Hospital	Forsyth	10	0	10,634	18,357
H0209	Novant Health Forsyth Medical Center	Forsyth	4	0	2,804	3,137
AS0125	Wake Forest Baptist Health Outpatient Endoscopy	Forsyth	2	0	2,133	2,324
		Forsyth Total	28	0	39,069	52,281

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
H0261	Novant Health Franklin Medical Center (closed)	Franklin	1	0	107	147
		Franklin Total	1	0	107	147
AS0135	CaroMont Endoscopy Center	Gaston	2	0	595	708
H0105	CaroMont Regional Medical Center	Gaston	6	0	8,201	9,988
AS0151	Greater Gaston Endoscopy Center	Gaston	2	0	2,459	3,239
		Gaston Total	10	0	11,255	13,935
H0098	Granville Health System	Granville	1	0	612	784
		Granville Total	1	0	612	784
AS0076	Bethany Medical Endoscopy Center	Guilford	2	0	2,057	2,057
H0159	Cone Health	Guilford	8	0	5,070	5,822
AS0075	Eagle Endoscopy Center	Guilford	4	0	6,020	6,520
AS0009	Greensboro Specialty Surgical Center	Guilford	2	0	455	566
AS0113	Guilford Endoscopy Center	Guilford	2	0	2,322	3,095
AS0059	High Point Endoscopy Center	Guilford	3	0	6,191	8,308
H0052	High Point Regional Health	Guilford	3	0	1,327	1,687
AS0052	LeBauer Endoscopy Center	Guilford	3	0	6,486	6,989
		Guilford Total	27	0	29,928	35,044
AS0141	Halifax Gastroenterology	Halifax	2	0	1,830	1,857
H0230	Halifax Regional Medical Center	Halifax	1	0	452	525
		Halifax Total	3	0	2,282	2,382
H0224	Betsy Johnson Hospital	Harnett	2	0	0	0
		Harnett Total	2	0	0	0
H0025	Haywood Regional Medical Center	Haywood	3	0	2,357	3,063
		Haywood Total	3	0	2,357	3,063
AS0106	Carolina Mountain Gastroenterology Endoscopy Center	Henderson	2	0	5,113	5,775
H0161	Margaret R. Pardee Memorial Hospital	Henderson	3	0	2,250	3,202

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
H0019	Park Ridge Health	Henderson	1	0	648	650
		Henderson Total	6	0	8,011	9,627
H0001	Vidant Roanoke-Chowan Hospital	Hertford	1	0	956	1,095
		Hertford Total	1	0	956	1,095
H0248	Davis Regional Medical Center	Iredell	2	0	378	390
H0164	Iredell Memorial Hospital	Iredell	3	0	2,746	3,142
H0259	Lake Norman Regional Medical Center	Iredell	3	0	2,922	3,677
AS0126	Piedmont HealthCare Endoscopy Center	Iredell	3	0	4,028	5,478
		Iredell Total	11	0	10,074	12,687
H0087	Harris Regional Hospital	Jackson	1	0	1,986	2,834
		Jackson Total	1	0	1,986	2,834
	Clayton Endoscopy *	Johnston	0	2	0	0
H0151	Johnston Health	Johnston	3	0	2,967	4,310
		Johnston Total	3	2	2,967	4,310
H0243	Central Carolina Hospital	Lee	1	0	514	811
AS0094	Mid Carolina Endoscopy Center	Lee	2	0	2,885	3,501
		Lee Total	3	0	3,399	4,312
	AMG Endoscopy Center *	Lenoir	0	2	0	0
AS0122	Kinston Medical Specialists, PA Endoscopy Center	Lenoir	2	0	2,005	2,023
H0043	Lenoir Memorial Hospital	Lenoir	2	0	573	698
AS0121	Park Endoscopy Center	Lenoir	2	0	1,454	1,454
		Lenoir Total	6	2	4,032	4,175
H0225	Carolinas HealthCare System Lincoln	Lincoln	2	0	1,566	1,967
		Lincoln Total	2	0	1,566	1,967
H0034	Angel Medical Center	Macon	2	0	414	416
H0193	Highlands-Cashiers Hospital	Macon	2	0	219	365

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
AS0097	Western Carolina Endoscopy Center	Macon	1	1	1,924	2,735
		Macon Total	5	1	2,557	3,516
H0078	Martin General Hospital	Martin	1	0	331	361
		Martin Total	1	0	331	361
H0097	The McDowell Hospital	McDowell	1	0	529	762
		McDowell Total	1	0	529	762
	Presbyterian Hospital Mint Hill	Mecklenburg	0	1	0	0
AS0092	Carolina Digestive Endoscopy Center	Mecklenburg	2	0	6,726	7,319
AS0108	Carolina Endoscopy Center-Huntersville	Mecklenburg	2	0	1,885	1,925
AS0088	Carolina Endoscopy Center-Pineville	Mecklenburg	2	0	2,764	3,022
AS0089	Carolina Endoscopy Center-University	Mecklenburg	2	0	2,624	2,915
AS0081	Carolinas Gastroenterology Center-Ballantyne	Mecklenburg	4	0	9,959	10,323
AS0080	Carolinas Gastroenterology Center-Medical Center Plaza	Mecklenburg	2	0	3,967	4,112
H0042	Carolinas Healthcare System Pineville	Mecklenburg	2	0	2,288	3,120
H0255	Carolinas HealthCare System University	Mecklenburg	1	0	1,443	2,097
H0071	Carolinas Medical Center	Mecklenburg	12	0	9,559	21,195
AS0110	Charlotte Gastroenterology & Hepatology	Mecklenburg	2	0	5,719	6,694
AS0109	Charlotte Gastroenterology & Hepatology	Mecklenburg	4	0	5,179	6,744
AS0084	Endoscopy Center of Lake Norman	Mecklenburg	2	0	2,139	2,505
AS0098	Novant Health Ballantyne Outpatient Surgery	Mecklenburg	1	0	469	470
H0282	Novant Health Huntersville Medical Center	Mecklenburg	3	0	1,641	1,687
H0270	Novant Health Matthews Medical Center	Mecklenburg	4	-1	1,308	1,353
H0010	Novant Health Presbyterian Medical Center	Mecklenburg	9	0	3,541	3,644
		Mecklenburg Total	54	0	61,211	79,125
H0169	Blue Ridge Regional Hospital	Mitchell	1	0	177	181
		Mitchell Total	1	0	177	181

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
H0100	FirstHealth Moore Regional Hospital	Moore	2	0	3,760	3,760
AS0073	Pinehurst Medical Clinic Endoscopy Center	Moore	5	0	8,918	11,532
		Moore Total	7	0	12,678	15,292
AS0105	Boice-Willis Clinic Endoscopy Center	Nash	2	0	3,555	7,033
H0228	Nash General Hospital	Nash	4	0	3,715	5,409
		Nash Total	6	0	7,270	12,442
AS0100	Endoscopy Center NHRMC Physician Group	New Hanover	2	0	3,893	5,204
H0221	New Hanover Regional Medical Center	New Hanover	5	0	7,058	12,508
AS0091	Wilmington Gastroenterology	New Hanover	4	0	10,143	13,217
AS0045	Wilmington Health	New Hanover	3	0	4,103	4,674
AS0055	Wilmington SurgCare	New Hanover	3	0	240	277
		New Hanover Total	17	0	25,437	35,880
AS0079	East Carolina Gastroenterology Endoscopy Center	Onslow	1	0	2,139	2,139
H0048	Onslow Memorial Hospital	Onslow	3	0	2,251	2,785
		Onslow Total	4	0	4,390	4,924
H0157	University of North Carolina Hospitals	Orange	9	0	13,714	16,408
		Orange Total	9	0	13,714	16,408
H0054	Sentara Albemarle Medical Center	Pasquotank	3	0	2,227	2,227
		Pasquotank Total	3	0	2,227	2,227
H0115	Pender Memorial Hospital	Pender	1	0	217	278
		Pender Total	1	0	217	278
AS0086	Atlantic Gastroenterology Endoscopy Center	Pitt	2	0	3,372	3,781
AS0118	Carolina Digestive Diseases	Pitt	2	0	3,917	4,057
AS0119	East Carolina Endoscopy Center	Pitt	2	-1	1,495	1,786
AS0117	Gastroenterology East	Pitt	3	0	5,650	5,650
AS0060	Quadrangle Endoscopy Center	Pitt	6	0	6,315	7,009

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
H0104	Vidant Medical Center	Pitt	4	1	5,336	7,310
		Pitt Total	19	0	26,085	29,593
AS0054	Asheboro Endoscopy Center	Randolph	1	0	934	1,128
H0013	Randolph Hospital	Randolph	2	0	2,936	3,923
		Randolph Total	3	0	3,870	5,051
H0158	FirstHealth Richmond Memorial Hospital	Richmond	2	0	982	982
H0265	Sandhills Regional Medical Center	Richmond	4	0	849	849
		Richmond Total	6	0	1,831	1,831
AS0147	Robeson Digestive Diseases, Inc.	Robeson	1	0	1,940	2,458
AS0107	Southeastern Gastroenterology Endoscopy Center	Robeson	1	0	799	866
H0064	Southeastern Regional Medical Center	Robeson	1	0	2,569	2,808
AS0150	The Surgery Center at Southeastern Health Park	Robeson	2	0	87	87
		Robeson Total	5	0	5,395	6,219
H0023	Annie Penn Hospital	Rockingham	2	1	2,490	3,569
H0072	Morehead Memorial Hospital	Rockingham	2	0	1,363	1,493
		Rockingham Total	4	1	3,853	5,062
H0040	Novant Health Rowan Medical Center	Rowan	4	0	2,589	2,793
		Rowan Total	4	0	2,589	2,793
H0039	Rutherford Regional Medical Center	Rutherford	2	0	2,143	2,620
		Rutherford Total	2	0	2,143	2,620
H0107	Scotland Memorial Hospital	Scotland	2	0	1,150	1,252
		Scotland Total	2	0	1,150	1,252
H0008	Carolinas HealthCare System - Stanly	Stanly	2	0	8	12
		Stanly Total	2	0	8	12
H0165	Pioneer Community Hospital of Stokes	Stokes	1	0	0	0
		Stokes Total	1	0	0	0
H0049	Hugh Chatham Memorial Hospital	Surry	4	0	1,298	1,302

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
H0184	Northern Hospital of Surry County	Surry	2	0	2,298	2,596
		Surry Total	6	0	3,596	3,898
H0069	Swain Community Hospital	Swain	1	0	0	0
		Swain Total	1	0	0	0
H0111	Transylvania Regional Hospital	Transylvania	2	0	487	549
		Transylvania Total	2	0	487	549
AS0090	Carolina Endoscopy Center-Monroe	Union	2	0	3,827	4,369
H0050	Carolinas HealthCare System Union	Union	2	0	1,237	1,651
		Union Total	4	0	5,064	6,020
H0267	Maria Parham Medical Center	Vance	2	0	2,165	2,722
		Vance Total	2	0	2,165	2,722
AS0072	Center for Digestive Diseases & Cary Endoscopy Center	Wake	3	0	2,680	2,680
AS0115	Duke GI at Brier Creek	Wake	2	2	4,305	5,189
H0238	Duke Raleigh Hospital	Wake	3	0	2,474	3,509
AS0116	GastroIntestinal Healthcare	Wake	2	0	1,955	2,122
AS0138	Kurt G. Vernon, MD PA	Wake	1	0	2,329	2,329
AS0056	Raleigh Endoscopy Center	Wake	4	0	8,351	11,239
AS0102	Raleigh Endoscopy Center-Cary	Wake	4	0	8,402	10,681
AS0082	Raleigh Endoscopy Center-North	Wake	3	0	5,012	7,086
H0065	Rex Hospital	Wake	4	0	4,722	5,731
AS0093	Triangle Gastroenterology	Wake	2	0	4,028	1,028
AS0131	W. F. Endoscopy Center, LLC	Wake	2	1	2,554	3,199
AS0111	Wake Endoscopy Center	Wake	4	0	8,493	10,891
H0199	WakeMed	Wake	6	0	4,425	5,706
H0276	WakeMed Cary Hospital	Wake	4	0	2,014	2,452
		Wake Total	44	3	61,744	73,842

Table 6E: Endoscopy Room Inventory

(Case and Procedure Data for 10/01/2014 - 9/30/2015 as reported on 2016 Hospital and Ambulatory Surgical Facility License Renewal Applications)

License Number	Facility Name	County	Endoscopy Rooms	Adjustments for CONs	Endoscopy Cases	Endoscopy Procedures
AS0095	Appalachian Gastroenterology	Watauga	2	0	1,070	1,073
H0077	Watauga Medical Center	Watauga	2	0	1,503	1,545
		Watauga Total	4	0	2,573	2,618
AS0057	Goldsboro Endoscopy Center	Wayne	4	0	3,495	3,762
H0257	Wayne Memorial Hospital	Wayne	3	0	2,596	3,587
		Wayne Total	7	0	6,091	7,349
H0153	Wilkes Regional Medical Center	Wilkes	2	0	985	1,183
		Wilkes Total	2	0	985	1,183
AS0112	CGS Endoscopy Center	Wilson	2	0	1,693	1,696
AS0130	Wilson Digestive Diseases Center	Wilson	2	0	3,018	3,152
H0210	Wilson Medical Center	Wilson	5	0	1,730	2,057
		Wilson Total	9	0	6,441	6,905
H0155	Yadkin Valley Community Hospital (closed)	Yadkin	1	0	0	0
		Yadkin Total	1	0	0	0
Grand Total			469	10	515,930	637,643

* Certificate of Need approved facility that is under development and unlicensed.

Chapter 7:

Other Acute Care Services

- Open Heart Surgery Services
- Burn Intensive Care Services
- Transplantation Services

CHAPTER 7

OTHER ACUTE CARE SERVICES

Summary of Service Supply and Utilization

During FY 2014-2015, 22 hospitals offered open-heart surgery services, providing a statewide total of 9,567 surgeries, which is a decrease of 0.6 percent from the previous fiscal year.

There are two burn intensive care services located in North Carolina with a total of 29 existing Burn Intensive Care Unit beds, and eight additional beds for which certificates of need have been awarded. The reported days of care, using the capacity of 37 beds, indicated an overall average annual occupancy rate of 72.0 percent in FY 2014-2015.

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 757 transplants performed during FY 2014-2015.

The Solid Organ Transplantation Services located at the five academic medical center teaching hospitals reported a total of 979 transplants performed during FY 2014-2015.

Changes from the Previous Plan

No substantive changes in basic principles and methodologies have been incorporated into the North Carolina 2017 State Medical Facilities Plan. Throughout the chapter, data have been revised to reflect services provided during FY 2014-2015, and dates have been advanced by one year, where appropriate.

OPEN-HEART SURGERY SERVICES

Definition

“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.”

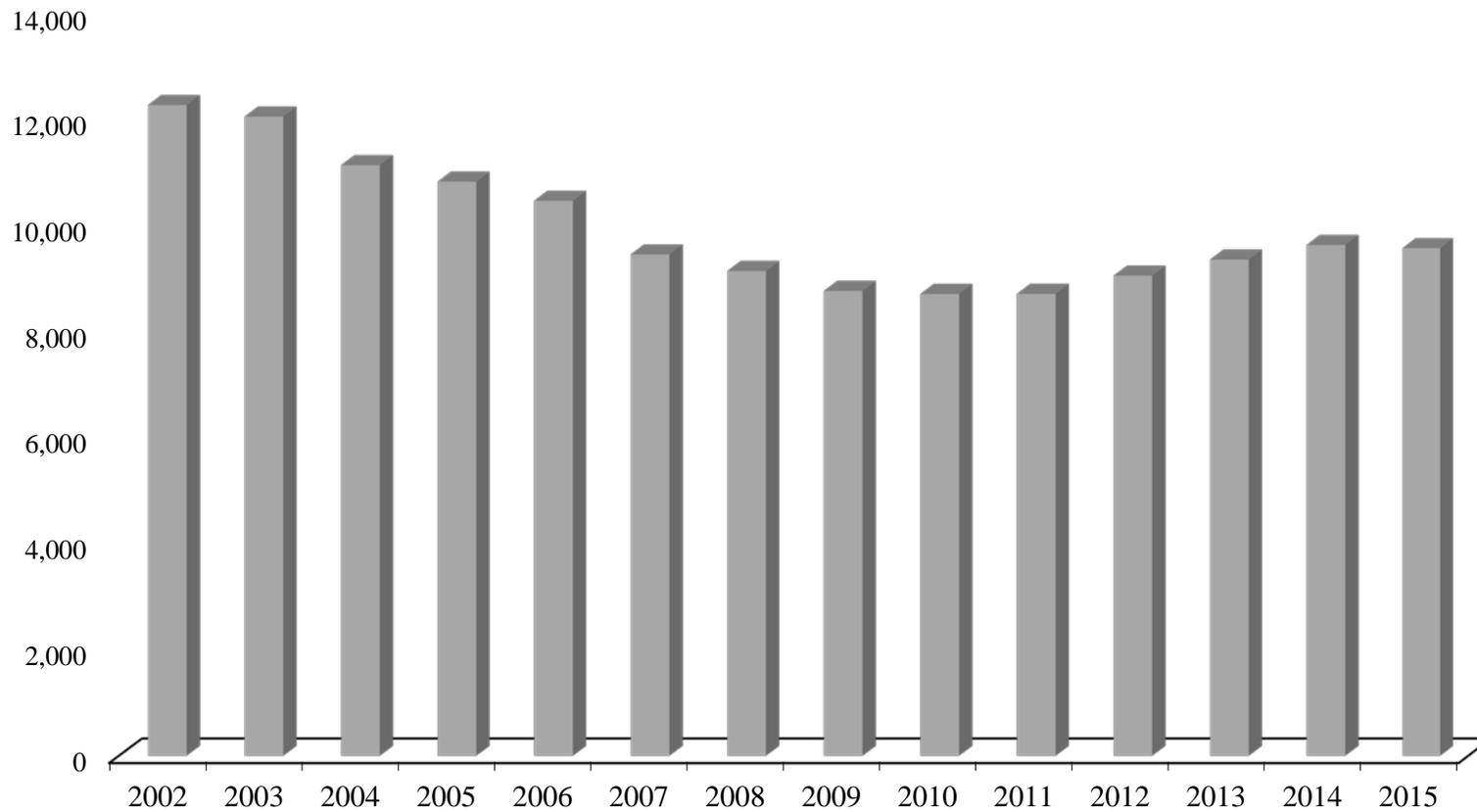
Facility Inventory - Service Volume

As the following Table 7A indicates, there were 22 open-heart surgery programs in North Carolina in 2015, providing a statewide total of 9,567 surgeries. In 2015, there was a decrease in reported open-heart surgeries of 0.6 percent. Table 7A and the graph following the table show reported numbers for 2002-2015 of open-heart surgery performed using heart-lung bypass machines.

**Table 7A: Open-Heart Surgery Procedures
(Procedures Utilizing Heart-Lung Bypass Machines)**

Lic #	Facility	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
H0213	Cape Fear Valley Medical Center	356	448	458	432	352	301	299	270	234	233	202	220	218	277
H0201	CarolinaEast Medical Center	240	222	238	255	255	219	209	244	210	227	236	202	169	208
H0031	Carolinas HealthCare System-NorthEast	307	361	375	286	296	257	227	227	211	214	233	237	245	218
H0042	Carolinas HealthCare System-Pineville	231	199	134	150	104	92	62	59	30	0	132	201	245	186
H0071	Carolinas Medical Center	875	719	710	631	615	640	457	471	512	675	704	820	715	788
H0105	CaroMont Regional Medical Center	309	309	248	202	246	183	190	175	171	128	207	230	265	249
H0159	Cone Health	889	829	883	849	860	578	596	510	492	472	471	544	541	485
H0233	Duke Regional Hospital	178	170	168	166	142	119	87	80	55	66	60	75	82	92
H0015	Duke University Hospital	1,428	1,229	995	914	947	852	829	955	957	1,013	1,062	1,047	1,066	1,161
H0100	FirstHealth Moore Regional Hospital	355	429	316	387	319	369	406	413	333	293	261	271	329	395
H0053	Frye Regional Medical Center	271	281	388	374	344	224	206	232	181	196	253	246	194	205
H0052	High Point Regional Health System	273	293	295	313	281	194	208	178	178	184	191	150	137	111
H0036	Mission Hospital	1,053	1,064	1,084	1,025	1,105	1,067	992	774	866	798	813	848	988	874
H0221	New Hanover Regional Medical Center	709	794	691	476	497	529	522	508	509	464	473	538	487	486
H0011	North Carolina Baptist Hospital	666	625	563	521	534	511	496	468	520	621	612	609	692	696
H0209	Novant Health Forsyth Medical Center	688	717	609	747	598	657	634	566	611	568	514	587	691	626
H0010	Novant Health Presbyterian Medical Center	564	551	412	401	306	301	321	377	433	378	381	355	360	391
H0065	Rex Hospital	416	419	369	357	359	334	313	299	257	203	346	347	369	460
H0064	Southeastern Regional Medical Center					15	58	71	53	52	54	52	42	34	44
H0157	University of North Carolina Hospitals	268	246	283	361	311	265	238	228	108	350	391	441	390	407
H0104	Vidant Medical Center	1,111	1,096	933	938	1,042	805	865	858	924	814	900	842	853	601
H0199	WakeMed	1,072	1,040	976	1,032	931	894	908	817	861	756	553	499	557	607
	Total Procedures	12,259	12,041	11,128	10,817	10,459	9,449	9,136	8,762	8,705	8,707	9,047	9,351	9,627	9,567

Open-Heart Surgery Procedures: 2002-2015
(Procedures Utilizing Heart-Lung Bypass Machines)



Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional open-heart surgery services anywhere in the state and no other reviews are scheduled as shown in Table 7B.

Table 7B: Open-Heart Surgery Services Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the service area listed in the table below needs additional open-heart surgery services as specified.

Service Area	Open Heart Surgery Services Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
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 determination 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).

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 University of North Carolina Hospitals in Chapel Hill, and an eight-bed unit is located in Winston-Salem at North Carolina Baptist Hospital. Both hospitals received certificates of need for four new burn intensive care beds each. The reported numbers of licensed beds, census days of care, and average annual occupancy rates for the years ending 9/30/2011, 9/30/2012, 9/30/2013, 9/30/2014 and 9/30/2015 are shown in Table 7C. The percent utilization of burn intensive care services for 2011-2015 is shown on the graph following the table.

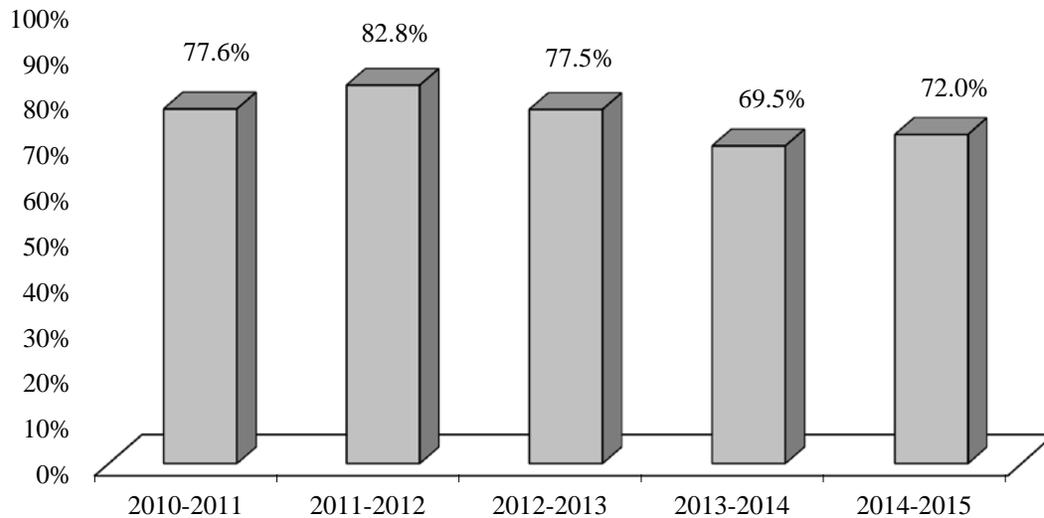
Table 7C: Burn Intensive Care Services

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

Facility	Licensed Beds	Adjustments for CONs	Total Beds	2010-2011 Total Days	2011-2012 Total Days	2012-2013 Total Days	2013-2014 Total Days	2014-2015 Total Days
UNC Hospitals	21	4	25	8,176	9,028	8,584	7,450	7,204
North Carolina Baptist Hospital	8	4	12	2,304	2,183	1,880	1,936	2,521
TOTAL	29	8	37	10,480	11,211	10,464	9,386	9,725

Facility	Total Beds	Adjustments for CONs	Total Beds	2010-2011 Utilization	2011-2012 Utilization	2012-2013 Utilization	2013-2014 Utilization	2014-2015 Utilization
UNC Hospitals	21	4	25	89.6%	98.7%	94.1%	81.6%	78.9%
North Carolina Baptist Hospital	8	4	12	52.6%	49.7%	42.9%	44.2%	57.6%
TOTAL	29	8	37	77.6%	82.8%	77.5%	69.5%	72.0%

Percent Utilization Burn Intensive Care Services 2011-2015



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 North Carolina 2017 State Medical Facilities Plan.

The determination of need for additional services in 2017 is calculated by dividing the total number of bed days utilized in 2014 by severely burned patients in the two units by the total number of burn intensive care beds in these units multiplied by 365 days. This procedure is repeated for the bed days utilized in 2015 by severely burned patients, using total existing and planned beds multiplied by 365 days.

$$\begin{aligned} \text{Percent Occupancy (average annual occupancy rate) for 2014} &= 69.5\% \\ [9,386 \text{ days of care} \div (37 \text{ beds} \times 365 \text{ days})] &= 69.5\% \end{aligned}$$

$$\begin{aligned} \text{Percent Occupancy (average annual occupancy rate) for 2015} &= 72.0\% \\ [9,725 \text{ days of care} \div (37 \text{ beds} \times 365 \text{ days})] &= 72.0\% \end{aligned}$$

If need for additional burn intensive care services in the state is determined, the number of beds needed is calculated as follows:

- Step 1: Calculate the state's four-year average annual growth rate for burn intensive care services days of care using the five most recent years of state data from Table 7C. *(Note: When calculating with a computer versus manually, rounding differences can occur. If calculating manually, the recommendation is to carry the rate out to at least four decimal points, recognizing that computer programs may use fractions with many more decimal points, resulting in slightly different projections.)*
- Step 2: Calculate the projected days of care in the state for one year from the latest data used by adding 1.00 to the four-year average annual growth rate calculated in Step 1, then multiplying by the state's most recent year's days of care. This will project days of care for 2016.
- Step 3: Determine, as shown below, how many additional beds are needed in the state such that the utilization rate for the sum of the state's total existing burn intensive care beds, and the additional beds, is 80 percent.

$$[(\text{Projected Days} \div 365) \div 0.8] - [\text{Total Existing Beds}] = \text{Additional Beds Needed}$$

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional burn intensive care services beds anywhere in the state and no other reviews are scheduled as shown in Table 7D.

Table 7D: Burn Intensive Care Services Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the service area listed in the table below needs additional burn intensive care services beds as specified.

Service Area	Burn Intensive Care Services Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
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 determination 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).

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, Vidant Medical Center and University of North Carolina Hospitals. The reported numbers of transplants for the years ending 9/30/2012, 9/30/2013, 9/30/2014 and 9/30/2015 are shown in Table 7E. Total bone marrow transplants for 2012-2015 are shown on the graph following the table.

Table 7E: Bone Marrow Transplants

Allogeneic Bone Marrow Transplants

License	Facility	2011-2012	2012-2013	2013-2014	2014-2015
H0071	Carolinas Medical Center	15	14	26	68
H0015	Duke University Hospital	137	137	136	123
H0011	North Carolina Baptist Hospital	29	27	30	47
H0104	Vidant Medical Center	0	0	0	0
H0157	University of North Carolina Hospitals	69	61	81	82
Total		250	239	273	320

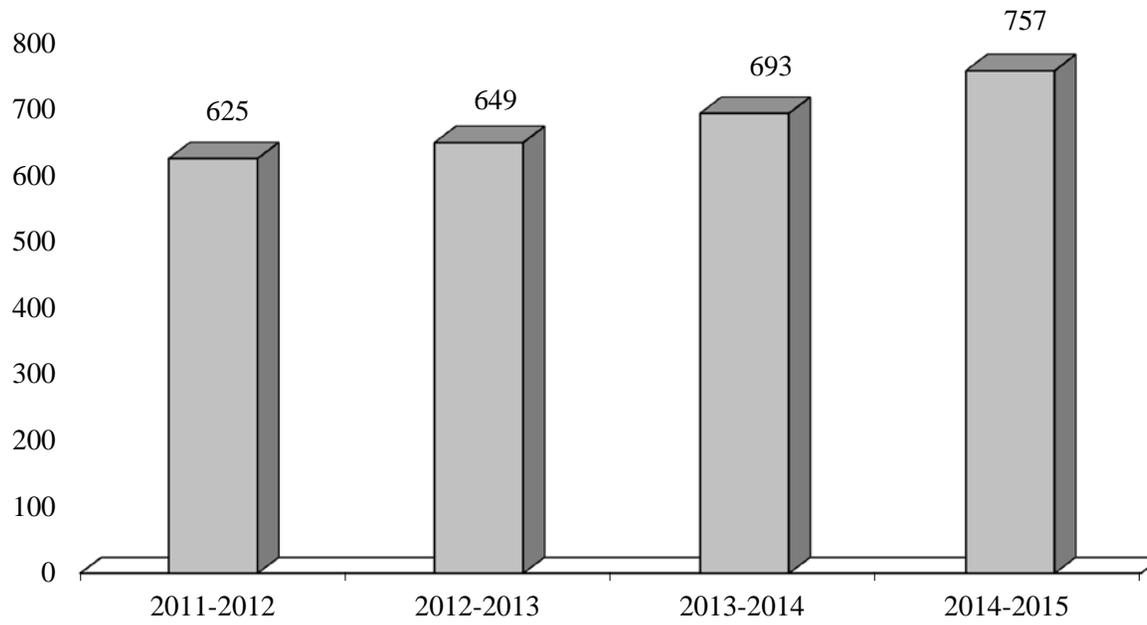
Autologous Bone Marrow Transplants

License	Facility	2011-2012	2012-2013	2013-2014	2014-2015
H0071	Carolinas Medical Center	11	13	47	28
H0015	Duke University Hospital	201	205	209	224
H0011	North Carolina Baptist Hospital	68	78	46	61
H0104	Vidant Medical Center	0	0	0	0
H0157	University of North Carolina Hospitals	95	114	118	124
Total		375	410	420	437

Total Bone Marrow Transplants

License	Facility	2011-2012	2012-2013	2013-2014	2014-2015
H0071	Carolinas Medical Center	26	27	73	96
H0015	Duke University Hospital	338	342	345	347
H0011	North Carolina Baptist Hospital	97	105	76	108
H0104	Vidant Medical Center	0	0	0	0
H0157	University of North Carolina Hospitals	164	175	199	206
Total		625	649	693	757

Total Bone Marrow Transplants: 2012 - 2015



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 North Carolina 2017 State Medical Facilities Plan. 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.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional bone marrow transplantation services anywhere in the state and no other reviews are scheduled as shown in Table 7F.

Table 7F: Bone Marrow Transplantation Services Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the service area listed in the table below needs additional bone marrow transplantation services as specified.

Service Area	Bone Marrow Transplantation Services Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
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 determination 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).

Solid Organ Transplantation Services

Definition

“Solid Organ Transplantation Services,” as defined in G.S. 131E-176(24d), “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.”

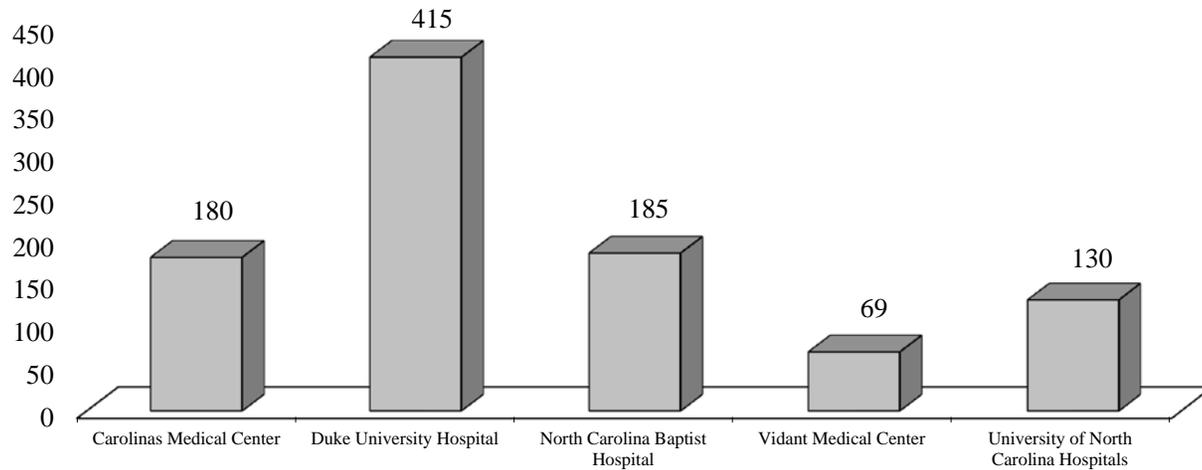
Facility Inventory - Service Volume

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 9/30/2015 are presented in Table 7G and on the graph following the table.

Table 7G: Solid Organ Transplantation Services

	Carolinas Medical Center	Duke University Hospital	North Carolina Baptist Hospital	Vidant Medical Center	University of North Carolina Hospitals	Total
Heart Transplants	25	69	11	0	8	113
Heart/Lung Transplants	0	2	0	0	0	2
Kidney/Liver Transplants	0	4	0	0	4	8
Liver Transplants	54	72	0	0	32	158
Heart/Liver Transplants	0	0	0	0	0	0
Kidney Transplants	95	137	164	69	70	535
Heart/Kidney Transplants	0	0	0	0	3	3
Lung Transplants	0	108	0	0	10	118
Pancreas Transplants	0	1	1	0	0	2
Pancreas/Kidney Transplants	6	11	9	0	3	29
Pancreas/Liver Transplants	0	0	0	0	0	0
Other	0	11	0	0	0	11
Total	180	415	185	69	130	979

Solid Organ Transplants by Facility: Year Ending September 30, 2015



Solid Organ Transplantation Service Need Determination Methodology

The offering of a solid organ (heart, heart/lung, kidney, liver and 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. 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. 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.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional solid organ transplantation services anywhere in the state and no other reviews are scheduled as shown in Table 7H.

Table 7H: Solid Organ Transplantation Services Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the service area listed in the table below needs additional solid organ transplantation services as specified.

Service Area	Solid Organ Transplantation Services Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional solid organ transplantation services anywhere in the state and no other reviews are scheduled.			

* Need determination 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 8:

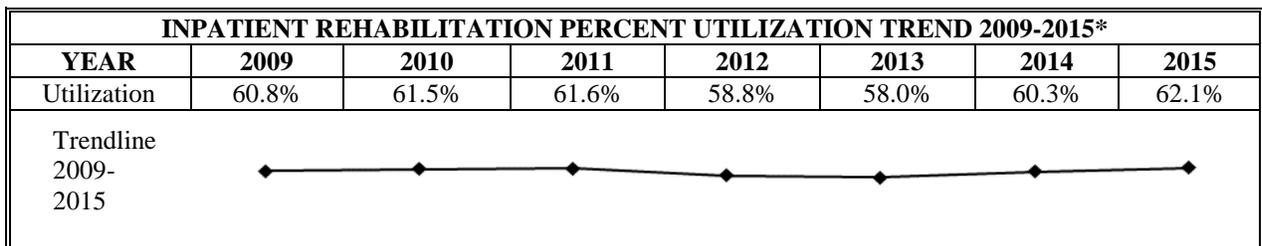
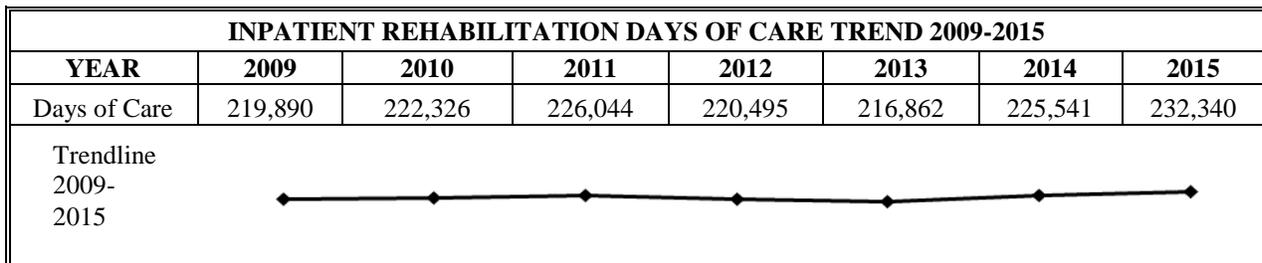
Inpatient Rehabilitation Services

CHAPTER 8

INPATIENT REHABILITATION SERVICES

Summary of Bed Supply and Utilization

In the fall of 2016, there were 1,005 inpatient rehabilitation beds in 27 facilities strategically located throughout North Carolina. As shown on the tables below, from an historical perspective, the days of care increased from 2009-2011, decreased from 2011-2013, and then increased from 2013-2015. The percent utilization of inpatient rehabilitation beds follows a similar pattern.



* In previous years, percent utilization was presented using a range of 57% - 62%. This figure uses a range of 0% - 100%.

Across the state, both the days of care and the percent utilization of the beds increased during the most recent annual reporting period. Of the 27 facilities providing services during the reporting period, 18 facilities indicated increased utilization, eight facilities indicated decreased utilization, and one facility was at 0% utilization or did not report utilization figures.

Changes from Previous Plans

No substantive changes in the inpatient rehabilitation bed need projection methodology were incorporated into the North Carolina 2017 State Medical Facilities Plan. As in 2016, 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 2017 State Medical Facilities Plan is limited to rehabilitation services provided to people who are physically disabled. Physical rehabilitation services exclude mental health and substance use disorder 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 Methodology

- 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 2015 and 2016 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 2017 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 2017 is calculated by dividing the total number of rehabilitation bed days of care reported in FY 2013-2014 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, and the total number of rehabilitation bed days of care reported in FY 2014-2015 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.

$$[(\text{Projected Days} \div 365) \div .8] - [\text{Total Planning Inventory}] = \text{Additional Beds Needed}$$

Table 8A: Inventory and Utilization of Inpatient Rehabilitation Beds

Lic #	HSA	Facility	Inventory				Days of Care				Average Annual Utilization Rate		Beds Needed (assuming 80% occupancy)
			Current	CON Issued / Pending Development	Pending Review or Appeal	Total Planning Inventory	2012	2013	2014	2015	2014	2015	
H0081	I	CarePartners Rehabilitation Hospital	80	0	0	80	17,204	17,768	17,949	17,627	61.5%	60.4%	
H0223	I	Catawba Valley Medical Center	20	0	0	20	1,433	1,251	1,038	1,091	14.2%	14.9%	
H0053	I	Frye Regional Medical Center	29	0	0	29	1,089	1,468	2,289	2,315	21.6%	21.9%	
	I Total		129	0	0	129	19,726	20,487	21,276	21,033	45.2%	44.7%	0
H0159	II	Cone Health	49	0	0	49	7,566	8,384	9,358	10,504	52.3%	58.7%	
H0052	II	High Point Regional Health	16	0	0	16	4,289	4,293	4,364	4,535	74.7%	77.7%	
H0049	II	Hugh Chatham Memorial Hospital	12	0	0	12	-	-	-	-	0.0%	0.0%	
H0011	II	North Carolina Baptist Hospital	39	0	0	39	10,551	8,634	9,268	9,502	65.1%	66.8%	
H0209	II	Novant Health Forsyth Medical Center (Novant Health Rehabilitation Center)	68	0	0	68	13,767	12,200	9,956	11,902	40.1%	48.0%	
	II Total		184	0	0	184	36,173	33,511	32,946	36,443	49.1%	54.3%	0
H0042	III	Carolinas HealthCare System - Pineville Carolinas Medical Center	29	0	0	29	-	-	8,537	9,295	80.7%	87.8%	
H0071	III	(Levine Children's Hospital)	13	0	0	13	3,007	3,489	3,811	4,250	80.3%	89.6%	
H0071-C	III	Carolinas Rehabilitation	70	0	0	70	33,073	32,270	23,221	23,437	90.9%	91.7%	
H0283	III	Carolinas Rehabilitation - Mount Holly	40	0	0	40	10,249	11,547	10,843	11,460	74.3%	78.5%	
H0286	III	Carolinas Rehabilitation - NorthEast	40	0	0	40	-	1,270	10,280	10,355	70.4%	70.9%	
H0040	III	Novant Health Rowan Medical Center	10	0	0	10	2,752	2,537	1,891	1,723	51.8%	47.2%	
H0008	III	Carolinas HealthCare System - Stanly*	0	0	0	0	1,426	1,060	0	0	0.0%	0.0%	
	III		202	0	0	202	50,507	52,173	58,583	60,520	79.5%	82.1%	0
H0238	IV	Duke Raleigh Hospital	0	12	0	12					0.0%	0.0%	
H0233	IV	Duke Regional Hospital	30	0	0	30	7,813	7,612	7,968	7,482	72.8%	68.3%	
H0267	IV	Maria Parham Medical Center	11	0	0	11	2,707	2,468	1,795	2,133	44.7%	53.1%	
H0157	IV	University of North Carolina Hospitals	30	0	0	30	9,010	8,839	8,792	8,646	80.3%	79.0%	
H0199	IV	WakeMed	98	8	0	106	28,009	27,282	29,161	29,072	75.4%	75.1%	
	IV		169	20	0	189	47,539	46,201	47,716	47,333	69.2%	68.6%	0
H0100	V	FirstHealth Moore Regional Hospital	25	-10	0	15	4,580	3,765	3,636	3,578	39.8% ¹	39.2% ¹	
H0221	V	New Hanover Regional Medical Center	60	0	0	60	9,640	9,603	11,823	12,063	54.0%	55.1%	
H0107	V	Scotland Memorial Hospital	7	0	0	7	1,181	1,488	1,307	1,112	51.2%	43.5%	
H0213	V	Southeastern Regional Rehabilitation Center	78	0	0	78	17,617	17,510	16,697	19,088	58.6%	67.0%	
	V Total		170	-10	0	160	33,018	32,366	33,463	35,841	53.9%	57.8%	0
H0201	VI	CarolinaEast Medical Center	20	0	0	20	2,614	2,494	2,681	2,881	36.7%	39.5%	
H0043	VI	Lenoir Memorial Hospital	17	0	0	17	2,035	1,655	1,821	2,313	29.3%	37.3%	
H0228	VI	Nash General Hospital	23	0	0	23	7,327	7,310	6,855	7,283	81.7%	86.8%	
H0104	VI	Rehabilitation Center at Vidant Medical Center	75	0	0	75	19,203	18,504	18,002	16,347	65.8%	59.7%	
H0258	VI	Vidant Edgecombe Hospital	16	0	0	16	2,353	2,161	2,198	2,346	37.6%	40.2%	
	VI		151	0	0	151	33,532	32,124	31,557	31,170	57.3%	56.6%	0
	Grand Total		1,005	10	0	1,015	220,495	216,862	225,541	232,340	60.3%	62.1%	0

* Beds were relocated to CarolinasHealthCare System - NorthEast.

¹ Utilization rate is based on 25 beds in service during the 2014 and 2015 reporting periods. Ten beds were delicensed on 10/1/2015.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional inpatient rehabilitation beds anywhere else in the state and no other reviews are scheduled as shown in Table 8B.

Table 8B: Inpatient Rehabilitation Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the 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
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 & Equipment

- Lithotripsy
- Gamma Knife
- 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 2014-2015 was 10,019. There were 14 lithotripsy units operated by eight providers and one lithotripter approved in the 2016 State Medical Facilities Plan, but not yet operational.

The present gamma knife located at North Carolina Baptist Hospital in Health Service Area (HSA) II serves the western portion of the state (HSAs I, II, and III). During 2014-2015, 439 gamma knife procedures were reported. Vidant Medical Center 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). Vidant Medical Center began offering service as of October 2005, and reported 123 gamma knife procedures provided during 2014-2015. The two gamma knives assure that the western and eastern portions of the state have equal access to gamma knife services.

Linear accelerators provided 574,069 Equivalent Simple Treatment Visit procedures that are counted for need determination purposes in 2014-2015. The average number of procedures statewide per linear accelerator as shown in Table 9G is 4,520. There are 127 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 and two outpatient facilities reported a total of 35,158 procedures for fixed Positron Emission Tomography (PET) Scanners that were operational in the reporting period. Twenty-eight sites reported 6,505 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 2014-2015, fixed and mobile scanners were reported as providing 848,142 procedures.

A total of 48 hospitals and cardiac diagnostic centers provided fixed cardiac catheterization services during fiscal year 2014-2015. Also, during fiscal year 2014-2015 mobile cardiac catheterization services were reported at five hospitals and cardiac diagnostic centers across the state.

Changes from the Previous Plan

No substantive changes in basic principles and methodologies have been incorporated into the Technology and Equipment Chapter in the North Carolina 2017 State Medical Facilities Plan. There is one new policy incorporated into Chapter 4 of the North Carolina 2017 State Medical Facilities Plan for Technology and Equipment. *Policy TE-3: Plan Exemption for Fixed Magnetic Resonance Imaging Scanners* has been added by a recommendation of the State Health Coordinating Council. This policy will allow facilities that meet the outlined requirements to apply for a fixed magnetic resonance scanner.

Throughout the chapter, data have been revised to reflect services provided during FY 2014-2015, and dates have been advanced by one year, where appropriate.

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 to be 1,000 to 1,500 cases.

The number of lithotripsy procedures reported in North Carolina for the period of 2014-2015 was 10,019 procedures. There were 14 lithotripsy units operated by eight providers and one lithotripter approved in the 2016 State Medical Facilities Plan, but not yet operational. Procedures were provided by a fixed unit at one facility, and by 13 mobile units operated by seven providers. Given the 14 lithotripsy units, the average number of procedures per lithotripter for the 2014-2015 fiscal year is 716.

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.

Lithotripsy 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.

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

- Step 1: Divide the July 1, 2017 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 estimated 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.

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

- 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.

Lithotripsy Services in North Carolina

There are eight providers that offer lithotripsy services in North Carolina. On the following pages, Table 9A and Table 9B provide information on the number of procedures as well as the location of the facilities served by these eight providers.

Table 9A: Mobile Lithotripsy Providers and Locations Served

(From 2015 data as reported on the "2016 Lithotripsy Registration and Inventory Form for Mobile Equipment")

Provider: Carolina Lithotripsy, 9825 Spectrum Drive Bldg 3, Austin, TX 78717-

Machines 2; #1137 (11/15/2000); #01179 (12/15/2011)

Areas Generally Served: Eastern North Carolina

<i>Facility and Location</i>	<i>Procedures</i>
Cape Fear Valley Medical Center, Fayetteville, NC	143
CarolinaEast Medical Center, New Bern, NC	89
Carteret General Hospital, Morehead City, NC	40
Columbus Regional Healthcare, Whiteville, NC	18
Duke Raleigh Hospital, Raleigh, NC	3
Firsthealth Moore Regional Hospital, Pinehurst, NC	173
Firsthealth Richmond Memorial, Rockingham, NC	15
Halifax Regional Medical, Roanoke Rapids, NC	48
Johnston Health, Smithfield, NC	86
Lenoir Memorial Hospital, Kinston, NC	25
New Hanover Regional Medical Center, Wilmington, NC	189
Novant Brunswick Medical Center, Bolivia, NC	31
Onslow Memorial Hospital, Jacksonville, NC	7
Rex Hospital, Raleigh, NC	27
Rex Surgery Center of Cary, Cary, NC	65
Southeastern Regional Medical Center, Lumberton, NC	47
Vidant Beaufort Hospital, Washington, NC	37
Vidant Medical Center, Greenville, NC	142
WakeMed Raleigh Campus, Raleigh, NC	64
Wayne Memorial Hospital, Goldsboro, NC	23
Wilson Medical Center, Wilson, NC	34
Total Procedures:	1,306
Average Number of Procedures per Lithotripter	653

Provider: Catawba Valley Medical Center, 810 Fairgrove Church Road, SE, Hickory, NC 28602-

Machines 2; #1355 (11/2010); TC-2051 (03/2001)

Areas Generally Served: Western and Central North Carolina

<i>Facility and Location</i>	<i>Procedures</i>
Catawba Valley Medical Center, Hickory, NC	221
Frye Regional Medical Center, Hickory, NC	57
Rutherford Regional Medical Center, Rutherfordton, NC	62
Scotland Memorial Hospital, Laurinburg, NC	66
Total Procedures:	406
Average Number of Procedures per Lithotripter	203

Table 9A: Mobile Lithotripsy Providers and Locations Served

(From 2015 data as reported on the "2016 Lithotripsy Registration and Inventory Form for Mobile Equipment")

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

Machines 1; SID OR-197 (01/17/2011)

Areas Generally Served: Western North Carolina and South Carolina

<i>Facility and Location</i>	<i>Procedures</i>
Charles George VA Medical Ctr, Asheville, NC	30
Harris Regional Hospital, Sylva, NC	114
Haywood Regional Medical Center, Clyde, NC	143
Margaret R Pardee Memorial Hospital, Hendersonville, NC	80
Park Ridge Health, Hendersonville, NC	61
St. Luke's Hospital, Columbus, NC	10
The McDowell Hospital, Marion, NC	23
Transylvania Regional Hospital, Brevard, NC	34
Oconee Medical Center, Seneca, SC	63
<i>Total Procedures:</i>	558
<i>Average Number of Procedures per Lithotripter</i>	558

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

Machines 1; SID OR-519 (11/9/2013)

Areas Generally Served: Eastern North Carolina and Virginia

<i>Facility and Location</i>	<i>Procedures</i>
Sentara Albemarle Medical Center, Elizabeth City, NC	33
The Outer Banks Hospital, Nags Head, NC	7
Vidant Chowan Hospital, Edenton, NC	32
Mary Immaculate Hospital, Newport News, VA	159
Mary Washington Hospital, Portsmouth, VA	3
Rappahannock General Hospital, Kilmarnock, VA	3
Riverside Doctors Surgical, Williamsburg, VA	3
Riverside Tappahannock Hospital, Tappahannock, VA	10
Southside Community Hospital, Farmville, VA	2
Southside Regional Medical Center, Petersburg, VA	9
Spotsylvania Regional Medical Center, Fredricksburg, VA	3
<i>Total Procedures:</i>	264
<i>Average Number of Procedures per Lithotripter</i>	264

Table 9A: Mobile Lithotripsy Providers and Locations Served

(From 2015 data as reported on the "2016 Lithotripsy Registration and Inventory Form for Mobile Equipment")

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

Machines 4; 01138 (03/26/2002); 01175 (04/10/2003); 01171 (04/24/2003); 1925 (12/26/2006)

Areas Generally Served: Western and Central North Carolina and Virginia

<i>Facility and Location</i>	<i>Procedures</i>
Alamance Regional Medical Center, Burlington, NC	175
Annie Penn Hospital, Reidsville, NC	33
Carolinas HealthCare System-Blue Ridge, Valdese, NC	184
Davis Regional Medical Center, Statesville, NC	54
High Point Regional Health System, High Point, NC	417
Hugh Chatham Memorial Hospital, Elkin, NC	149
Iredell Memorial Hospital, Statesville, NC	118
Lexington Medical Center, Lexington, NC	50
Maria Parham Medical Center, Henderson, NC	64
Morehead Memorial Hospital, Eden, NC	217
Northern Hospital of Surry County, Mount Airy, NC	51
Novant Health Forsyth Medical Center, Winston-Salem, NC	98
Novant Health Rowan Medical Center, Salisbury, NC	220
Novant Health Thomasville Medical Center, Thomasville, NC	49
Piedmont Stone Center, Winston-Salem, NC	780
Randolph Hospital, Asheboro, NC	138
Wake Forest Baptist Medical Center, Winston-Salem, NC	81
Watauga Medical Center, Boone, NC	132
Wesley Long Hospital, Greensboro, NC	315
Wilkes Regional Medical Center, North Wilkesboro, NC	89
Yadkin Valley Community Hospital, Yadkinville, NC	20
Carilion New River Valley Medical Center, Christiansburg, VA	19
Lynchburg General Hospital, Lynchburg, VA	251
Martha Jefferson Hospital, Charlottesville, VA	203
Memorial Hospital of Martinsville, Martinsville, VA	124
Montgomery Regional Hospital, Blacksburg, VA	26
Piedmont Day Surgery Center, Danville, VA	39
Twin County Regional Hospital, Galax, VA	84
Total Procedures:	4,180
Average Number of Procedures per Lithotripter	1,045

Table 9A: Mobile Lithotripsy Providers and Locations Served

(From 2015 data as reported on the "2016 Lithotripsy Registration and Inventory Form for Mobile Equipment")

Provider: Stone Institute of the Carolinas, LLC, 215 S Main Street, Suite 201, Davidson, NC 28036-
Machines 2; 2053 (10/2006); 1048 & 01384 (01/2001)

Areas Generally Served: Western and Central North Carolina

<i>Facility and Location</i>	<i>Procedures</i>
Carolinas HealthCare System - Cleveland, Shelby, NC	146
Carolinas HealthCare System - Huntersville, Huntersville, NC	112
Carolinas HealthCare System - Lincoln, Lincolnton, NC	59
Carolinas HealthCare System - Northeast, Concord, NC	238
Carolinas HealthCare System - Pineville, Charlotte, NC	199
Carolinas HealthCare System - Union, Monroe, NC	106
Carolinas HealthCare System - University, Charlotte, NC	225
Carolinas Medical Center, Charlotte, NC	123
Caromont Regional Medical Center, Gastonia, NC	160
Lake Norman Regional Medical Center, Mooresville, NC	155
Novant Health Matthews Medical Center, Matthews, NC	175
Novant Health Presbyterian Medical Center, Charlotte, NC	96
Piedmont Medical Center, Rock Hill, SC	195
Total Procedures:	1,989
Average Number of Procedures per Lithotripter	995

Provider: Triangle Lithotripsy Corp, 7003 Chadwick Dr #321, Brentwood, TN 37027-
Machines 1; 10142940 (04/01/2010)

Areas Generally Served: East Central North Carolina

<i>Facility and Location</i>	<i>Procedures</i>
Central Carolina Hospital, Sanford, NC	54
Durham Regional Hospital, Durham, NC	8
James E Davis Ambulatory Surgery, Durham, NC	60
Nash General Hospital, Rocky Mount, NC	122
North Carolina Specialty Hospital, Durham, NC	68
Rex Hospital, Raleigh, NC	219
Rex Surgery Center, Cary, NC	306
Sampson Regional Medical Center, Clinton, NC	7
WakeMed, Raleigh, NC	154
Wayne Memorial Hospital, Goldsboro, NC	59
Total Procedures:	1,057
Average Number of Procedures per Lithotripter	1,057

Total Mobile Procedures: 9,760

Table 9B: Fixed Lithotripsy Providers and Locations Served

(From 2015 data as reported on the "2016 Hospital License Renewal Application")

Provider: Mission Hospital, Inc./Mission, 509 Biltmore Ave., Asheville, NC 28801

Machines: 1 08/2000

<i>Area Served:</i>	
<i>Facility and Location</i>	<i>Procedures</i>
WNC Stone Center, Asheville, NC	259
Total Number of Procedures:	259
<i>Average Number of Procedures per Lithotripter:</i>	259

Table 9C: Mobile and Fixed Lithotripsy

(Total Procedures/Units Reported)

Total Procedures Reported	Units Reported	Average Procedures Per Unit
10,019	14	716

2016 Need Determination for one lithotripter brings the state total to 15.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional lithotripters anywhere in the state and no other reviews are scheduled as shown in Table 9D.

Table 9D: Lithotripter Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

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

Service Area	Lithotripter Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional lithotripters 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).

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 North Carolina Baptist Hospital, and became operational effective September 1, 1999. During 2014-2015, as reported in the "2016 Hospital Licensure Renewal Application", which reflects 2015 data, 439 gamma knife procedures were reported. Vidant Medical Center 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). Vidant Medical Center began offering service as of October 2005. During 2014-2015, 123 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 North Carolina Baptist Hospital in HSA II serves the western portion of the state (HSAs I, II, and III). The gamma knife located at Vidant Medical Center 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

In consideration of adequate capacity and geographical accessibility for gamma knife services in the state, it is determined for the North Carolina 2017 State Medical Facilities Plan that there is no need for additional gamma knives anywhere else in the state and no other reviews are scheduled as shown in Table 9E.

Table 9E: Gamma Knife Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the planning regions listed in the table below need additional gamma knives as specified.

Gamma Knife Planning Region	HSA	Gamma Knife Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional gamma knives 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).

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 9G is 4,520.

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 2016 Hospital Licensure Renewal Applications and Linear Accelerator Registration and Inventory Forms, which reflect 2015 data, 30 linear accelerators in 23 different locations in North Carolina are reported as being operational and providing stereotactic radiosurgery treatment: Cape Fear Valley Medical Center (103 procedures); CarolinaEast Health System (104 procedures); Carolinas Medical Center (824 procedures); Carolinas Medical Center-Northeast (349 procedures); CaroMont Regional Medical Center (188 procedures); Catawba Valley Medical Center (113 procedures); Cone Health (341 procedures); Coastal Carolina Radiation Oncology (292 procedures); Duke University Hospital (1,061 procedures); First Health Moore Regional Hospital (156 procedures); Frye Regional Medical Center (88 procedures); North Carolina Baptist Hospital (961 procedures); Novant Health Forsyth Medical Center (136 procedures); Novant Health Presbyterian Medical Center (409 procedures); University of North Carolina Hospitals (603 procedures); and North Carolina Radiation Therapy Management Services locations in Asheville (98 procedures); Brevard (20 procedures); Clyde (15 procedures); Forest City (29 procedures); Goldsboro (9 procedures); Greenville (107 procedures); Marion (25 procedures); and Weaverville (10 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 in excess of \$2 million.

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 72 hospitals and freestanding oncology treatment centers statewide in North Carolina with 127 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 Healthcare Planning sends out to providers asks for procedures by CPT codes; corresponding ESTV values are listed in Table 9F of the North Carolina 2017 State Medical Facilities Plan. 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 28 multi-county groupings shown in Table 9I. 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 to 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.

Linear Accelerator 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 2016 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 2016 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 "2016 Hospital License Renewal Application" or "2016 Registration and Inventory of Medical Equipment Form" of Linear Accelerators.
- 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 CPT Codes

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 are not included in Table 9G in the North Carolina 2017 State Medical Facilities Plan.

Note:

The North Carolina 2009 State Medical Facilities Plan included a statewide need determination for one dedicated linear accelerator to 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. In response to that need determination, a certificate of need was issued to Parkway Urology, PA d/b/a Cary Urology, PA on 2/23/2011 to acquire one dedicated linear accelerator for a model multidisciplinary prostate health center focused on the treatment of prostate cancer, particularly in African American men. The linear accelerator is not counted in the regular inventory of linear accelerators.

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

CPT Code	Description	ESTVs/ Procedures Under ACR
<i>Simple Treatment Delivery</i>		
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
<i>Intermediate Treatment Delivery</i>		
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
<i>Complex Treatment Delivery</i>		
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
<i>Other CPT Codes</i>		
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; multisource Cobalt 60 based (Gamma Knife)	3.00
77372	Radiation treatment delivery, stereotactic radiosurgery (SRS), complete course of treatment of cranial lesion(s) consisting of 1 session; linear accelerator	3.00
77373	Stereotactic body radiation therapy, treatment delivery, per fraction to 1 or more lesions, including image guidance, entire course not to exceed 5 fractions	3.00
G0339	(Image-guided) robotic linear accelerator-based stereotactic 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 anesthetized patient down to the linear accelerator)	10.00
	Neutron and proton radiation therapy	2.00
	Limb salvage irradiation	1.00
	Pediatric patient under anesthesia	1.50

Table 9G: Hospital and Free-Standing Linear Accelerators and Radiation Oncology Procedures

Facility Name	Service Area Number	County	Number of Linear Accelerators	Number of Procedures (ESTVs) 10/1/2014-9/30/2015	Average Number of Procedures per Unit
Harris Regional Hospital	1	Jackson	1	1,291	1,291
NC Radiation Therapy - Franklin	1	Macon	1	1,928	1,928
21st Century Oncology	2	Buncombe	1	1,035	1,035
Mission Hospital	2	Buncombe	3	14,869	4,956
NC Radiation Therapy - Asheville	2	Buncombe	2	5,050	2,525
NC Radiation Therapy - Clyde	2	Haywood	1	4,094	4,094
NC Radiation Therapy - Marion	2	McDowell	1	3,557	3,557
Watauga Medical Center	3	Watauga	1	4,293	4,293
Margaret R. Pardee Memorial Hospital	4	Henderson	1	4,914	4,914
NC Radiation Therapy - Hendersonville	4	Henderson	1	1,979	1,979
NC Radiation Therapy - Brevard	4	Transylvania	1	2,784	2,784
Carolinas Healthcare System - Blue Ridge	5	Burke	2	5,970	2,985
Caldwell Memorial Hospital	5	Caldwell	1	1,178	1,178
Catawba Valley Medical Center	5	Catawba	2	11,506	5,753
Frye Regional Medical Center	5	Catawba	1	4,963	4,963
Carolinas Healthcare System - Cleveland	6	Cleveland	1	7,730	7,730
CaroMont Regional Medical Center^	6	Gaston	3	17,310	5,770
NC Radiation Therapy - Forest City	6	Rutherford	1	4,136	4,136
Carolinas Medical Center	7	Mecklenburg	3	19,694	6,565
Matthews Radiation Oncology Center	7	Mecklenburg	1	8,978	8,978
Novant Presbyterian Medical Center	7	Mecklenburg	4	11,412	2,853
Pineville Radiation Therapy Center	7	Mecklenburg	1	9,699	9,699
University Radiation Therapy Center	7	Mecklenburg	1	7,620	7,620
Carolinas Healthcare System - Union	7	Union	1	6,633	6,633
Iredell Memorial Hospital	8	Iredell	2	6,399	3,200
Lake Norman Radiation Oncology Center	8	Iredell	1	9,003	9,003
Novant Health Rowan Medical Center	8	Rowan	1	5,743	5,743
Carolinas Healthcare System - Northeast	9	Cabarrus	2	12,122	6,061
Carolina Healthcare System - Stanly	9	Stanly	1	3,955	3,955
North Carolina Baptist Hospital	10	Forsyth	4	26,512	6,628
Novant Health Forsyth Medical Center	10	Forsyth	5	28,109	5,622
Hugh Chatham Memorial Hospital	10	Surry	1	3,160	3,160
Lexington Medical Center	11	Davidson	1	2,450	2,450
Cone Health	12	Guilford	4	25,647	6,412
High Point Regional Health	12	Guilford	2	9,822	4,911
Morehead Memorial Hospital	12	Rockingham	1	3,716	3,716
Randolph Hospital	13	Randolph	1	4,224	4,224
University of North Carolina Hospitals	14	Orange	6	31,962	5,327
Alamance Regional Medical Center	15	Alamance	2	9,309	4,654

Table 9G: Hospital and Free-Standing Linear Accelerators and Radiation Oncology Procedures

Facility Name	Service Area Number	County	Number of Linear Accelerators	Number of Procedures (ESTVs) 10/1/2014-9/30/2015	Average Number of Procedures per Unit
Duke Regional Hospital	16	Durham	1	4,847	4,847
Duke University Hospital	16	Durham	8	30,963	3,870
Maria Parham Medical Center	16	Vance	1	4,927	4,927
FirstHealth Moore Regional Hospital	17	Moore	3	13,631	4,544
Scotland Memorial Hospital	17	Scotland	1	3,988	3,988
Cape Fear Valley Medical Center	18	Cumberland	5	18,988	3,798
Southeastern Regional Medical Center	18	Robeson	1	5,910	5,910
NC Radiation Therapy - Sampson	18	Sampson	1	2,755	2,755
South Atlantic Radiation Oncology	19	Brunswick	1	7,549	7,549
Coastal Carolina Radiation Oncology	19	New Hanover	2	16,035	8,018
New Hanover Regional Medical Center	19	New Hanover	1	5,369	5,369
Franklin County Cancer Center	20	Franklin	1	15	15
Duke Raleigh Hospital*	20	Wake	4	17,963	4,491
Rex Hospital	20	Wake	4	19,983	4,996
UNC Hospitals Radiation Oncology - Holly Springs	20	Wake	1		
Central Harnett Hospital	21	Harnett	1		
Clayton Radiology Oncology	22	Johnston	1	1,477	1,477
Smithfield Radiation Oncology	22	Johnston	1	1,736	1,736
Lenoir Memorial Hospital	23	Lenoir	1	4,689	4,689
NC Radiation Therapy - Goldsboro	23	Wayne	1	5,605	5,605
Carteret General Hospital	24	Carteret	1	2,770	2,770
CarolinaEast Health System	24	Craven	2	8,591	4,296
Onslow Radiation Oncology	25	Onslow	1	4,667	4,667
NC Radiation Therapy - Roanoke Rapids	26	Halifax	1	3,165	3,165
Nash General Hospital	26	Nash	2	7,839	3,919
Wilson Medical Center	26	Wilson	1	1,437	1,437
Vidant Beaufort Hospital	27	Beaufort	1	2,383	2,383
Vidant Roanoke-Chowan Hospital	27	Hertford	1	2,616	2,616
Leo Jenkins Cancer Center	27	Pitt	2	10,136	5,068
NC Radiation Therapy - Greenville	27	Pitt	2	9,437	4,719
Vidant Medical Center	27	Pitt	1	2,097	2,097
The Outer Banks Hospital, Inc.	28	Dare	1	3,095	3,095
Albemarle Health: A Vidant Partner in Health	28	Pasquotank	1	4,666	4,666
Totals (72 Facilities)			127	574,069	4,520

*Duke University Health System purchased Cancer Centers of NC and the linear accelerators were added to the Duke Raleigh Hospital license number during the reporting year.

^CaroMont Regional Medical Center has two linear accelerators in Gaston County and one linear accelerator in Lincoln County.

Table 9H: Linear Accelerator Service Areas and Calculations

Service Area	2016 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2014-2015 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	139,285	2	69,643	7.22%	3,219	1,610	-1.52	*
Area 2	418,976	8	52,372	20.24%	28,605	3,576	-3.76	*
Area 3	99,116	1	99,116	14.55%	4,293	4,293	-0.36	*
Area 4	168,316	3	56,105	10.65%	9,676	3,225	-1.57	*
Area 5	366,795	6	61,133	10.83%	23,616	3,936	-2.50	*
Area 6	460,633	5	92,127	6.91%	29,175	5,835	-0.68	*
Area 7	1,306,187	11	118,744	21.25%	64,034	5,821	-1.51	*
Area 8	310,110	4	77,528	28.69%	21,145	5,286	-0.87	*
Area 9	262,333	3	87,444	22.57%	16,077	5,359	-0.62	*
Area 10	652,532	10	65,253	26.22%	57,780	5,778	-1.44	*
Area 11	165,399	1	165,399	10.00%	2,450	2,450	-0.64	
Area 12	612,941	7	87,563	22.39%	39,184	5,598	-1.19	*
Area 13	144,254	1	144,254	12.52%	4,224	4,224	-0.37	
Area 14**	214,245	6	35,708	72.27%	31,962	5,327	-1.26	*
Area 15	183,149	2	91,575	14.07%	9,309	4,654	-0.62	*
Area 16**	466,762	10	46,676	65.23%	40,736	4,074	-3.97	*
Area 17	315,822	4	78,956	36.04%	17,619	4,405	-1.39	*
Area 18	565,848	7	80,835	15.53%	27,653	3,950	-2.90	*
Area 19	464,322	4	116,081	12.91%	28,953	7,238	0.29	*
Area 20	1,089,870	10	108,987	15.60%	37,961	3,796	-4.38	*
Area 21^	130,243	1	130,243					
Area 22	186,764	2	93,382	43.97%	3,213	1,606	-1.52	*
Area 23	245,669	2	122,835	9.03%	10,294	5,147	-0.47	
Area 24	199,181	3	66,394	12.24%	11,361	3,787	-1.32	*
Area 25	195,835	1	195,835	10.16%	4,667	4,667	-0.31	
Area 26	305,036	4	76,259	14.05%	12,440	3,110	-2.16	*
Area 27	331,612	7	47,373	28.30%	26,668	3,810	-3.05	*
Area 28	156,693	2	78,347	4.21%	7,760	3,880	-0.85	*
Totals	10,157,928	127	79,984		574,069	4,520	-41.95	

* Service Area does not have 120,000 base population per accelerator.

** Areas have more than 45% of their patients coming from outside their service areas.

^ Certificate of Need was issued to Central Harnett Hospital in December 2015. Data not available during the reporting year.

Table 9I: Linear Accelerator Service Areas

Area	County	2016 Total Population
1	Cherokee	27,524
1	Clay	10,855
1	Graham	8,969
1	Jackson	41,516
1	Macon	35,279
1	Swain	15,142
	Total	139,285
2	Buncombe	257,413
2	Haywood	60,436
2	Madison	21,875
2	McDowell	45,437
2	Mitchell	15,894
2	Yancey	17,921
	Total	418,976
3	Ashe	27,507
3	Avery	17,903
3	Watauga	53,706
	Total	99,116
4	Henderson	113,314
4	Polk	20,955
4	Transylvania	34,047
	Total	168,316
5	Alexander	38,715
5	Burke	89,198
5	Caldwell	82,350
5	Catawba	156,532
	Total	366,795
6	Cleveland	98,532
6	Gaston	213,325
6	Lincoln	81,417
6	Rutherford	67,359
	Total	460,633
7	Anson	26,466
7	Mecklenburg	1,054,561
7	Union	225,160
	Total	1,306,187
8	Iredell	171,400
8	Rowan	138,710
	Total	310,110
9	Cabarrus	200,827
9	Stanly	61,506
	Total	262,333
10	Alleghany	11,219
10	Davie	41,474
10	Forsyth	371,646
10	Stokes	46,786
10	Surry	73,834
10	Wilkes	70,116
10	Yadkin	37,457
	Total	652,532

Table 9I: Linear Accelerator Service Areas

Area	County	2016 Total Population
11	Davidson	165,399
	Total	165,399
12	Guilford	520,398
12	Rockingham	92,543
	Total	612,941
13	Randolph	144,254
	Total	144,254
14	Chatham	70,981
14	Orange	143,264
	Total	214,245
15	Alamance	159,522
15	Caswell	23,627
	Total	183,149
16	Durham	303,416
16	Granville	58,471
16	Person	39,383
16	Vance	44,978
16	Warren	20,514
	Total	466,762
17	Hoke	52,400
17	Lee	59,211
17	Montgomery	27,864
17	Moore	95,327
17	Richmond	45,484
17	Scotland	35,536
	Total	315,822
18	Bladen	35,194
18	Cumberland	333,073
18	Robeson	132,948
18	Sampson	64,633
	Total	565,848
19	Brunswick	124,668
19	Columbus	57,579
19	New Hanover	223,260
19	Pender	58,815
	Total	464,322
20	Franklin	64,436
20	Wake	1,025,434
	Total	1,089,870
21	Harnett	130,243
	Total	130,243
22	Johnston	186,764
	Total	186,764
23	Duplin	60,763
23	Lenoir	58,732
23	Wayne	126,174
	Total	245,669

Table 9I: Linear Accelerator Service Areas

Area	County	2016 Total Population
24	Carteret	69,706
24	Craven	105,773
24	Jones	10,518
24	Pamlico	13,184
	Total	199,181
25	Onslow	195,835
	Total	195,835
26	Edgecombe	55,303
26	Halifax	52,567
26	Nash	94,140
26	Northampton	20,960
26	Wilson	82,066
	Total	305,036
27	Beaufort	47,717
27	Bertie	20,100
27	Greene	21,310
27	Hertford	24,423
27	Hyde	5,720
27	Martin	23,494
27	Pitt	176,269
27	Washington	12,579
	Total	331,612
28	Camden	10,431
28	Chowan	14,669
28	Currituck	26,160
28	Dare	35,727
28	Gates	11,914
28	Pasquotank	40,112
28	Perquimans	13,539
28	Tyrrell	4,141
	Total	156,693

Table 9J: Linear Accelerator Inventory for Demonstration Project

HSA	Linear Accelerator Service Area	Provider	Units
IV	Statewide	Cary Urology, PA	1
<p>A certificate of need was issued to Parkway Urology, PA d/b/a Cary Urology, PA on 2/23/2011 to acquire one dedicated linear accelerator as part of a demonstration project for a model multidisciplinary prostate health center focused on the treatment of prostate cancer, particularly in African American men. The linear accelerator is not counted in the regular inventory of linear accelerators.</p>			

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined that there is no need for additional linear accelerators. There is no need anywhere else in the state and no other reviews are scheduled as shown in Table 9K.

Table 9K: Linear Accelerators Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the service areas listed in the table below need additional linear accelerators as specified.

Linear Accelerator Service Area	Linear Accelerator Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for any additional linear accelerators 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).

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 uses of PET scanning include applications that involve the diagnosis of cancer. At North Carolina’s most active PET facilities, the diagnosis of cancer accounts for more than 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 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 \$1 million (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.

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 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 & 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 28 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 Hospital, Carolinas Medical Center (CMC) and University of North Carolina (UNC) Hospitals also acquired a cyclotron generated fixed dedicated PET scanner each. Vidant Medical Center, Rex Hospital, Mission Hospital, New Hanover Regional Medical Center, Catawba Valley Medical Center/Frye Regional Medical Center (joint ownership), Cape Fear Valley Medical Center, FirstHealth Moore Regional Hospital, Novant Health Forsyth Medical Center, Cone Health, CaroMont Regional Medical Center, Carolinas HealthCare System - NorthEast, CarolinaEast Medical Center, Novant Health Presbyterian Medical Center, High Point Regional Health and Wake PET Services were approved for each entity to acquire one fixed dedicated PET scanner. Duke University Hospital, CMC 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. In the 2008 State Medical Facilities Plan, there were two need determinations, one each in HSAs II and III. Novant Health Forsyth Medical Center was approved to acquire a second fixed PET/CT scanner and CMC-Union was approved to acquire a fixed PET scanner. The 2013 State Medical Facilities Plan identified the need for one additional fixed dedicated PET scanner in HSA II. North Carolina Baptist Hospital was approved in 2014 to acquire a second dedicated PET/CT scanner. The reported number of procedures performed on these fixed dedicated PET scanners for the years ending 9/30/2012, 9/30/2013, 9/30/2014, and 9/30/2015 are reflected in Table 9L. Table 9L is followed by Tables 9M(1) and 9M(2), which reflect the reported number of procedures performed on mobile dedicated PET scanners for the years ending 9/30/2012, 9/30/2013, 9/30/2014, and 9/30/2015.

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 2017 State Medical Facilities Plan.

A mobile PET scanner has a statewide service area.

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 "2016 Hospital Licensure Renewal Application" or "2016 Registration and Inventory of Medical Equipment

Form” for PET scanners on file with the North Carolina Division of Health Service Regulation.¹ In the 2009 State Medical Facilities Plan, 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.

- 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

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.

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.

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.

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

Center	2011-2012	2012-2013	2013-2014	2014-2015	HSA	Inventory	Utilization Rate	Determination by Criteria-80% of Present Capacity
							2015 Procedures / 3000 as Capacity	
Mission Hospital (f)	1,545	1,819	1,808	1,982	I	1	66.07%	0
Catawba Valley Medical Center / Frye Regional Medical Center (j)	1,293	1,027	989	1,054	I	1	35.13%	0
N.C. Baptist Hospital (x)	2,009	1,957	1,967	2,017	II	2	33.62%	0
Cone Health (o)	1,801	1,612	1,463	1,693	II	1	56.43%	0
Novant Health Forsyth Medical Center (p)	2,615	2,560	2,518	2,726	II	2	45.43%	0
High Point Regional Health (r)	601	583	592	639	II	1	21.30%	0
Alamance Regional Medical Center (u)	687	724	780	631	II	1	21.03%	0
Carolinas Medical Center (a), (k)	3,036	3,101	3,483	3,593	III	2	59.88%	0
Carolinas Medical Center - Union (w)	269	301	349	446	III	1	14.87%	0
CaroMont Regional Medical Center/CIS Summit (m)	767	692	732	707	III	1	23.57%	0
Carolinas Medical Center - NorthEast (n)	1,108	932	972	995	III	1	33.17%	0
Novant Health Presbyterian Medical Center(q)	1,577	1,483	1,619	1,970	III	1	65.67%	0
Iredell Memorial Hospital (t)	359	379	408	408	III	1	13.60%	0
Duke University Hospital (d)	4,474	4,447	4,084	4,220	IV	2	70.33%	0
UNC Hospitals (b)	1,940	3,255	2,142	2,775	IV	2	46.25%	0
Rex Hospital (e)	1,729	1,857	1,918	2,085	IV	1	69.50%	0
Wake PET Services, Wake Radiology Oncology, Wake Radiology (s)	683	635	544	465	IV	1	15.50%	0
New Hanover Regional Medical Center (g)	1,283	1,464	1,543	1,691	V	1	56.37%	0
Cape Fear Valley Medical Center (h)	1,238	1,047	882	1,023	V	1	34.10%	0
First Imaging of the Carolinas (i)	1,011	973	885	1,023	V	1	34.10%	0
Vidant Medical Center (c)	1,643	1,683	1,573	1,895	VI	1	63.17%	0
CarolinaEast Medical Center (1)	619	582	672	776	VI	1	25.87%	0
Nash General Hospital (v)	442	440	458	344	VI	1	11.47%	0
TOTAL	32,729	33,553	32,381	35,158		28	41.85%	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.

- (l) 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.
- (x) Approved for scanner in April 2014.

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

Mobile Provider	Procedures	Utilization Rate
		Year 2014-2015 Procedures / 2600 as Capacity
Alliance Imaging I	3,237	125%
Alliance Imaging II	3,268	126%
TOTAL	6,505	

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

Mobile Site	Mobile Provider	Number of Sites	Procedures			
			2011-2012	2012-2013	2013-2014	2014-2015
Sentara Albemarle Medical Center	Alliance II	1	252	239	186	158
Caldwell Memorial Hospital	Alliance I	1	132	139	96	79
Carteret General Hospital	Alliance II	1	198	226	248	230
Carolinas HealthCare System - Cleveland	Alliance I	1	480	501	575	685
Carolinas HealthCare System - Blue Ridge	Alliance I	2	93	113	228	241
Cone Health	Alliance I	1	11	61	29	0
Duke Raleigh Hospital	Alliance II	1	573	545	493	675
Johnston Health	Alliance II	1	151	197	180	203
Lake Norman Regional Medical Center	Alliance I	1	191	198	198	167
Lenoir Memorial Hospital	Alliance II	1	150	170	154	169
Maria Parham Medical Center	Alliance II	1	0	0	56	160
Margaret R Pardee Memorial Hospital	Alliance I	1	167	166	164	172
Harris Regional Hospital	Alliance I	1	288	292	296	305
Northern Hospital of Surry County	Alliance I	1	104	87	96	117
Novant Health Huntersville Medical Center	Alliance I	1	211	197	218	232
Novant Health Matthews Medical Center	Alliance I	1	106	134	119	119
Novant Health Rowan Medical Center	Alliance I	1	267	216	239	232
Novant Health Thomasville Medical Center	Alliance I	1	91	97	85	68
Onslow Memorial Hospital	Alliance II	1	176	240	293	363
Park Ridge Health	Alliance I	1	151	126	143	124
Randolph Hospital	Alliance I	1	107	120	146	179
Rutherford Regional Medical Center	Alliance I	1	126	127	122	134
Scotland Memorial Hospital	Alliance II	1	156	149	164	163
Southeastern Regional Medical Center	Alliance II	1	312	257	273	271
Carolinas Healthcare System- Stanly	Alliance I	1	74	144	119	173
The Outer Banks Hospital	Alliance II	1	128	114	116	117
Valdese Hospital (Closed as of 12/12)*	Alliance I	0	55	119	0	0
Watauga Medical Center	Alliance I	1	106	96	160	210
Wayne Memorial Hospital	Alliance II	1	338	332	303	329
Wilson Medical Center	Alliance II	1	377	389	371	430
TOTAL		30	5,571	5,791	5,870	6,505

*Procedure totals are included with Carolinas HealthCare System - Blue Ridge

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined the need for one additional fixed dedicated PET scanner in HSA IV as shown in Table 9N. There is no need anywhere else in the state and no other reviews are scheduled.

Table 9N: Fixed Dedicated PET Scanner Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

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

Service Area	Fixed Dedicated PET Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
HSA IV	1	August 15, 2017	September 1, 2017
It is determined that there is no need for additional fixed dedicated PET 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).

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional mobile dedicated PET scanner anywhere else in the state and no other reviews are scheduled as shown in Table 90.

Table 90: Mobile Dedicated PET Scanner Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the service areas listed in the table below need additional mobile dedicated PET scanners as specified.

Service Area	Mobile Dedicated PET Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional mobile dedicated PET 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).

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 2014-2015 fixed and mobile scanners were reported as providing 848,142 procedures.

An MRI procedure is defined as a single discrete MRI study of one patient (single CPT [current procedural terminology] 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.

Intraoperative Magnetic Resonance Scanners (iMRI) approved through Policy TE-2 shall not be counted in the inventory of fixed MRI scanners and the procedures performed on the iMRI will not be used in calculating the need methodology. Intraoperative procedures and inpatient procedures performed on the iMRI shall be reported separately by the certificate holder on the hospital license renewal application and will be reported in a separate table in Chapter 9Q (7). The iMRI scanner shall not be used for outpatients and may not be replaced with a conventional MRI scanner.

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 2014-2015 reported fewer than 100 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 million.

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 most recent update occurring in the North Carolina 2017 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 9P.
2. A placeholder of one MRI scanner is placed in Table 9P 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 2017 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.

MRI Need Determination Methodology

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 9P.

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 procedures outside the norm. Procedure totals are from the “2016 Hospital License Renewal Application” or the “2016 Registration and Inventory of Medical Equipment Form” of MRI scanners as submitted to the North Carolina Division of Health Service Regulation concerning equipment registration and inventory, and number of procedures.

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% = 1,716

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 Contrast/Sedation	1.0	0.0	0.0	30
Outpatient/With Contrast/Sedation	1.0	0.0	.4 (Add 12 minutes)	42
Inpatient/No Contrast/Sedation	1.0	.4 (Add 12 minutes)	0.0	42
Inpatient/With Contrast/Sedation	1.0	.4 (Add 12 minutes)	.4 (Add 12 minutes)	54

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.

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 “2016 Hospital License Renewal Applications” or “2016 Registration and Inventory of Medical Equipment Forms” of MRI scanners. 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 “2016 Hospital License Renewal Applications” or “2016 Registration and Inventory of Medical Equipment Forms” of MRI scanners.
- 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.

Tables

The following tables are included in this section of the chapter: Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents; Table 9Q (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 9Q (2): Inventory of Dedicated Breast MRI Scanners Pursuant to Adjusted Need Determination in the North Carolina 2002 and 2006 State Medical Facilities Plans; Table 9Q (3): Inventory of Dedicated Pediatric MRI Scanner Pursuant to Adjusted Need Determination in the North Carolina 2005 State Medical Facilities Plan; Table 9Q(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 9Q (5): Inventory of MRI Scanners Dedicated for Radiation Oncology and Use in Operating Room Suite; Table 9Q (6): Inventory of Fixed Multi-Position MRI Scanners Dedicated For Two Demonstration Projects (One Scanner Per Project); and Table 9R: Fixed MRI Scanner Need Determination.

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Alamance	Hospital Fixed	G-007053-04	Alamance Regional Medical Center	2	2.00	4,844	2,806	1,186	634	218	5,746			
Alamance	Mobile	G-006214-00	Alamance Regional Outpatient Imaging Center	0	0.24	1,006	836	170	0	0	1,074			
Alamance	Mobile		ARMC MedCenter - Mebane	0	0.15	636	511	125	0	0	686			
Alamance	Mobile	J-5900-98; J-7028-04; J-7301-05; J-8136-08; J-8271-08; J-8391-09	University of North Carolina Hospitals	0	0.16	660	490	170	0	0	728			
Alamance				2	2.55	7,146					8,234	3,229	4,118	0
Alexander	Mobile	E-007059-04	Alexander County Family Care Center (Frye Regional Medical Center)	0	0.04	64	50	14	0	0	70			
Alexander				0	0.04	64					70	70	1,716	0
Alleghany	Mobile	Grandfathered	Alleghany Memorial Hospital (Alliance Healthcare Services)	0	0.02	31	25	5	0	1	34			
Alleghany	Mobile	G-007038-04	Alleghany Memorial Hospital (Alliance Healthcare Services)	0	0.10	167	162	3	2	0	169			
Alleghany				0	0.12	198					203	203	1,716	0
Anson	Mobile		Anson Community Hospital	0	0.03	50	37	13	0	0	55			
Anson				0	0.03	50					55	55	1,716	0
Ashe	Hospital Fixed	D-008162-08	Ashe Memorial Hospital, Inc.	1	1.00	881	535	245	48	53	1,041			
Ashe				1	1.00	881					1,041	1,041	3,775	0
Avery	Mobile	Grandfathered	Charles A Cannon Memorial Hospital (Alliance Healthcare Services)	0	0.04	63	52	8	3	0	67			
Avery	Mobile	G-007038-04	Charles A. Cannon Memorial Hospital (Alliance Healthcare Services)	0	0.29	498	368	105	18	7	553			
Avery				0	0.33	561					620	620	1,716	0
Beaufort	Hospital Fixed	Q-005992-99	Vidant Beaufort Hospital	1	1.00	1,895	1,170	520	63	142	2,242			
Beaufort				1	1.00	1,895					2,242	2,242	3,775	0
			No Service Site											
Bertie													1,716	0
Bladen	Mobile	M-006605-02	Bladen Healthcare, LLC (Mobile Imaging of North Carolina, LLC)	0	0.02	34	23	11	0	0	38			
Bladen	Mobile		Cape Fear Valley-Bladen County Hospital	0	0.17	297	165	104	21	7	353			
Bladen				0	0.19	331					391	391	1,716	0
Brunswick	Hospital Fixed	O-006658-02	Novant Health Brunswick Medical Center	1	1.00	3,867	2,676	763	299	129	4,395			
Brunswick	Freestanding Fixed	Grandfathered (Alliance)	J. Arthur Doshier Memorial Hospital	1	1.00	1,193	781	396	3	13	1,363			
Brunswick	Freestanding Fixed	O-011125-16	J. Arthur Doshier Memorial Hospital	1	1.00	0	0	0	0	0	0			
Brunswick	Mobile		NHRMC Health & Diagnostics - Brunswick Forest	0	0.19	863	556	307	0	0	986			
Brunswick				3	3.19	5,923					6,744	2,114	4,462	0

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Buncombe	Hospital Fixed	B-006215-00; B-006869-03; B-008459-10	Mission Hospital	5	5.00	13,246	5,049	3,145	2,756	2,296	17,443			
Buncombe	Freestanding Fixed	B-006446-01	Asheville MRI	1	1.00	3,244	1,524	1,720	0	0	3,932			
Buncombe	Freestanding Fixed	B-004178-90	Asheville MRI	1	1.00	6,431	3,422	3,009	0	0	7,635			
Buncombe	Freestanding Fixed	B-006643-02	Marquis Diagnostic Imaging (InSight Imaging)	1	1.00	0	0	0	0	0	0			
Buncombe	Freestanding Fixed	B-005492-96	Open MRI and Imaging of Asheville (Asheville Open MRI, Inc)	1	1.00	5,869	4,546	1,323	0	0	6,398			
Buncombe	Freestanding Fixed	B-006440-01	Open MRI and Imaging of Asheville (Asheville Open MRI, Inc)	1	1.00	4,179	3,542	637	0	0	4,434			
Buncombe	Mobile	Grandfathered	Open MRI of Asheville (Foundation Health Mobile Imaging LLC)	0	0.03	121	115	6	0	0	123			
Buncombe	Mobile	Grandfathered	Open MRI of Asheville (Kings Medical Group)	0	0.34	1,640	1,480	160	0	0	1,704			
Buncombe	Mobile	G-007038-04	Park Ridge Hospital (Alliance Healthcare Services)	0	0.00	9	6	3	0	0	10			
Buncombe	Mobile	Grandfathered	Park Ridge Hospital (Alliance Healthcare Services)	0	0.09	420	390	30	0	0	432			
Buncombe	Mobile	Grandfathered	Strategic Healthcare Consultant (Alliance Healthcare Services)	0	0.04	198	198	0	0	0	198			
Buncombe/Graham/Madison/Yancey				10	10.50	35,357					42,309	4,029	4,805	0
Burke	Hospital Fixed		Carolinas Healthcare System Blue Ridge	2	2.00	4,122	2,415	987	461	259	4,908			
Burke	Mobile	E-007066-04	Blue Ridge Radiology (Blue Ridge Radiology Associates, P.A.)	0	0.31	1,290	981	309	0	0	1,414			
Burke	Mobile	E-008230-08	Carolina Orthopaedic Specialists - Morganton (Carolina Orthopaedic Specialists)	0	0.33	1,339	1,187	152	0	0	1,400			
Burke				2	2.64	6,751					7,722	2,925	4,118	0
Cabarrus	Hospital Fixed	F-005933-98; F-006629-02; F-007086-04	Carolinas Healthcare System Northeast	5	5.00	17,021	7,341	5,139	2,822	1,719	21,581			
Cabarrus	Freestanding Fixed	F-007859-07	Carolinas Healthcare System - Kannapolis (Union Medical Services, LLC)	1	1.00	1,267	987	280	0	0	1,379			
Cabarrus	Freestanding Fixed	F-005916-98	Novant Health Imaging Cabarrus	1	1.00	450	380	70	0	0	478			
Cabarrus	Mobile	Grandfathered	Carolina Neuro & Spine Assoc - Concord (Alliance Healthcare Services)	0	0.16	790	657	133	0	0	843			
Cabarrus	Mobile	F-005723-97	Mecklenburg Neurology - Concord (InSight Imaging)	0	0.03	125	74	51	0	0	145			
Cabarrus	Mobile	G-007065-04	Novant Health Cabarrus (Novant Health Forsyth Medical Center)	0	0.19	907	740	167	0	0	974			
Cabarrus	Mobile	Grandfathered	OrthoCarolina PA (Alliance Healthcare Services)	0	0.00	11	11	0	0	0	11			
Cabarrus	Mobile	Grandfathered	OrthoCarolina, P.A. (Alliance Healthcare Services)	0	0.38	1,817	1,635	182	0	0	1,890			
Cabarrus				7	7.76	22,388					27,301	3,518	4,805	0

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Caldwell	Hospital Fixed	E-007222-05	Caldwell Memorial Hospital	1	1.00	2,099	1,012	612	335	140	2,590			
Caldwell	Mobile	E-008230-08	Carolina Orthopaedic Specialists - Lenoir (Carolina Orthopaedic Specialists)	0	0.39	1,455	1,259	196	0	0	1,533			
Caldwell				1	1.39	3,554					4,123	2,966	3,775	0
Carteret	Hospital Fixed	P-005282-95	Carteret General Hospital	1	1.00	3,642	1,726	1,220	318	378	4,560			
Carteret	Freestanding Fixed	P-008049-08	Seashore Imaging (Carteret General Hospital and Seashore Imaging)	1	1.00	1,528	1,199	329	0	0	1,660			
Carteret	Mobile	O-006434-01	Carolina Center For Surgery (Cape Fear Diagnostic Imaging, Inc.)	0	0.09	387	387	0	0	0	387			
Carteret	Mobile	J-007008-04	Carolina Center for Surgery (Foundation Health Mobile Imaging LLC)	0	0.14	592	592	0	0	0	592			
Carteret	Mobile	Grandfathered	Carolina Center for Surgery (Kings Medical Group)	0	0.01	49	49	0	0	0	49			
Carteret				2	2.24	6,198					7,247	3,235	4,118	0
Catawba	Hospital Fixed	E-007270-05	Catawba Valley Medical Center	2	2.00	4,948	1,931	2,161	542	314	6,280			
Catawba	Hospital Fixed	E-004812-93; E-005922-98; E-007856-07	Frye Regional Medical Center	2	2.00	5,944	3,318	1,793	473	360	7,138			
Catawba	Hospital Fixed	E-004812-93; E-005922-98; E-007856-07	Frye Regional Medical Center	0	0.34	1,633	1,031	602	0	0	1,874			
Catawba	Mobile	E-008230-08	Carolina Orthopaedic Specialists - Hickory (Carolina Orthopaedic Specialists)	0	0.32	1,555	1,327	228	0	0	1,646			
Catawba	Mobile	E-008230-08	Carolina Orthopaedic Specialists - Newton (Carolina Orthopaedic Specialists)	0	0.16	768	641	127	0	0	819			
Catawba	Mobile	Grandfathered	Hickory Orthopaedic Center (Alliance Healthcare Services)	0	0.47	2,267	2,016	251	0	0	2,367			
Catawba	Mobile	Grandfathered	Neurology Associates - Hickory (Foundation Health Mobile Imaging LLC)	0	0.08	378	221	157	0	0	441			
Catawba				4	5.37	17,493					20,566	3,830	4,805	0
Chatham	Mobile	G-007038-04	Chatham Hospital (Alliance Healthcare Services)	0	0.03	60	37	23	0	0	69			
Chatham	Mobile	Grandfathered	Chatham Hospital (Alliance Healthcare Services)	0	0.28	489	304	143	23	19	571			
Chatham				0	0.31	549					640	640	1,716	0
Cherokee	Hospital Fixed	A-006767-03	Murphy Medical Center, Inc.	1	1.00	1,803	1,036	690	49	28	2,121			
Cherokee/Clay				1	1.00	1,803					2,121	2,121	3,775	0
Chowan	Hospital Fixed	R-008168-08	Vidant Chowan Hospital	1	1.00	1,914	1,302	503	54	55	2,181			
Chowan/Tyrrell				1	1.00	1,914					2,181	2,181	3,775	0
Cleveland	Hospital Fixed	C-005725-97	Carolinas Healthcare System Cleveland	1	1.00	3,596	1,589	1,371	411	225	4,489			
Cleveland	Hospital Fixed	C-006915-03	Kings Mountain Hospital	1	1.00	705	348	256	78	23	857			

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Cleveland	Mobile	Grandfathered	Miller Orthopaedic (Alliance Healthcare Services)	0	0.00	18	18	0	0	0	18			
Cleveland	Mobile	Grandfathered	Miller Orthopedic Clinic (Alliance Healthcare Services)	0	0.22	914	914	0	0	0	914			
Cleveland	Mobile	G-006271-00	MRI Specialists of the Carolinas (Alliance Healthcare Services)	0	0.06	266	224	42	0	0	283			
Cleveland				2	2.28	5,499					6,561	2,877	4,118	0
Columbus	Hospital Fixed	O-006426-01	Columbus Regional Healthcare System	1	1.00	2,248	1,458	451	208	131	2,616			
Columbus	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.09	327	320	7	0	0	330			
Columbus	Mobile	F-007001-04	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.00	0	0	0	0	0	0			
Columbus	Mobile	O-007340-05	Columbus Regional Diagnostics	0	0.13	473	473	0	0	0	473			
Columbus				1	1.22	3,048					3,419	2,803	3,775	0
Craven	Hospital Fixed	P-005760-97	CarolinaEast Health System	2	2.00	5,353	2,689	1,492	663	509	6,622			
Craven	Freestanding Fixed	P-008108-08	Coastal Carolina Health Care Imaging Center (Coastal Carolina Health Care, P.A.)	1	1.00	3,461	2,335	1,126	0	0	3,911			
Craven	Freestanding Fixed	P-006764-03	Coastal Carolina Health Care Imaging Center (Coastal Carolina Health Care, P.A.)	1	1.00	3,751	2,739	1,012	0	0	4,156			
Craven/Jones/Pamlico				4	4.00	12,565					14,689	3,672	4,805	0
Cumberland	Hospital Fixed	M-006603-02	Cape Fear Valley Medical Center	3	3.00	7,129	3,633	25	3,458	13	8,533			
Cumberland	Freestanding Fixed	M-007924-07	Carolina Imaging of Fayetteville	1	1.00	7,278	6,052	1,226	0	0	7,768			
Cumberland	Freestanding Fixed	M-005899-98	Carolina Imaging of Fayetteville	1	1.00	6,278	5,450	828	0	0	6,609			
Cumberland	Freestanding Fixed	M-005905-98	Valley Regional Imaging (Medical Imaging Center)	1	1.00	5,279	4,251	1,028	0	0	5,690			
Cumberland	Freestanding Fixed	Grandfathered	Valley Regional Imaging (VRI) (Medical Imaging Center)	1	1.00	3,517	2,833	684	0	0	3,791			
Cumberland	Mobile	O-006434-01	Carolina Imaging of Fayetteville (Cape Fear Diagnostic Imaging, Inc.)	0	0.19	919	830	89	0	0	955			
Cumberland	Mobile	O-006665-02	Carolina Imaging of Fayetteville (Cape Fear Mobile Imaging, LLC)	0	0.49	2,373	2,094	279	0	0	2,485			
Cumberland	Mobile	J-007008-04	Carolina Imaging of Fayetteville (Foundation Health Mobile Imaging LLC)	0	0.08	393	354	39	0	0	409			
Cumberland	Mobile	Grandfathered	Carolina Imaging of Fayetteville (Foundation Health Mobile Imaging LLC)	0	0.04	184	169	15	0	0	190			
Cumberland				7	7.80	33,350					36,429	4,670	4,805	0
Dare	Hospital Fixed	R-007329-05	The Outer Banks Hospital, Inc.	1	1.00	1,895	1,105	678	52	60	2,235			
Dare	Mobile	R-006293-00	Regional Medical Center (Regional Medical Services)	0	0.00	0	0	0	0	0	0			
Dare				1	1.00	1,895					2,235	2,235	3,775	0

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Davidson	Hospital Fixed	G-006443-01	Lexington Medical Center	1	1.00	2,959	1,939	773	156	91	3,403			
Davidson	Hospital Fixed	G-006826-03	Novant Health Thomasville Medical Center	1	1.00	2,427	1,655	398	275	99	2,775			
Davidson				2	2.00	5,386					6,179	3,089	4,118	0
Davie	Mobile	Grandfathered; G-006271-00	Davie Medical Center (Alliance)	0	0.48	832	221	608	0	3	1,078			
Davie				0	0.48	832					1,078	1,078	1,716	0
Duplin	Mobile	Q-006884-03	Vidant Duplin Hospital	0	0.49	835	464	223	70	78	1,015			
Duplin	Mobile	Grandfathered	Vidant Duplin Hospital (Alliance Healthcare Services)	0	0.00	2	1	1	0	0	2			
Duplin				0	0.49	837					1,017	1,017	1,716	0
Durham	Hospital Fixed	Grandfathered; J-006207-00	Duke Regional Hospital	2	2.00	7,460	3,078	2,407	1,327	648	9,472			
Durham	Hospital Fixed	J-5589-97; J-6109-99; J-8030-07; J-8275-08; J-8466-10; J-8663-11	Duke University Hospital	13	13.00	38,684	13,763	17,815	2,382	4,724	50,542			
Durham	Freestanding Fixed	J-006760-03	Durham Diagnostic Imaging-Independence Park	1	1.00	2,455	1,478	977	0	0	2,846			
Durham	Freestanding Fixed	J-007031-04	Triangle Orthopaedic Associates (Triangle Orthopaedic Associates, PA)	1	1.00	4,480	4,152	328	0	0	4,611			
Durham	Mobile	Grandfathered	Durham Diagnostic - Independence Park (Kings Medical Group)	0	0.01	46	46	0	0	0	46			
Durham	Mobile	M-006605-02	Durham Diagnostic Imaging at Triangle Medical Park (Mobile Imaging of North Carolina, LLC)	0	0.03	114	68	46	0	0	132			
Durham	Mobile	M6605-02	Durham Diagnostic -SP Triangle (Mobile Imaging of North Carolina, LLC)	0	0.08	397	288	109	0	0	441			
Durham	Mobile	Grandfathered	Durham Diagnostic-SP Triangle (Kings Medical Group)	0	0.09	435	276	159	0	0	499			
Durham	Mobile	Grandfathered	Raleigh Neurology Imaging (Alliance Healthcare Services)	0	0.08	383	122	261	0	0	487			
Durham	Mobile	J-008453-09	Triangle Orthopaedic Associates (Triangle Orthopaedic Associates, PA)	0	0.04	205	188	17	0	0	212			
Durham/Caswell				17	17.33	54,659					69,288	3,998	4,805	0
Edgecombe	Hospital Fixed	L-008327-09	Vidant Edgecombe Hospital	1	1.00	1,845	982	592	103	168	2,257			
Edgecombe				1	1.00	1,845					2,257	2,257	3,775	0
Forsyth	Hospital Fixed	G-007083-04; G-008372-09	North Carolina Baptist Hospital	6	6.00	23,652	6,201	10,980	2,193	4,278	32,344			
Forsyth	Hospital Fixed	G-004293-91; G-006588-02; G-007919-07	Novant Health Forsyth Medical Center	4	4.00	14,825	4,941	3,732	3,225	2,927	19,949			
Forsyth	Hospital Fixed	D-008196-08	Novant Health Imaging Kernersville	1	1.00	1,731	1,312	419	0	0	1,899			
Forsyth	Hospital Fixed	Grandfathered; G-007387-05	Novant Health Imaging Maplewood	2	2.00	7,586	5,088	2,498	0	0	8,585			
Forsyth	Freestanding Fixed	Grandfathered	Novant Health Imaging Piedmont (Piedmont Imaging, LLC)	1	1.00	5,434	4,187	1,247	0	0	5,933			

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Forsyth	Freestanding Fixed	G 6893-03	Novant Health Imaging Piedmont (Piedmont Imaging, LLC)	1	1.00	5,079	3,662	1,417	0	0	5,646			
Forsyth	Freestanding Fixed	Grandfathered	Novant Health Winston Salem Health Care	1	1.00	0	0	0	0	0	0			
Forsyth	Freestanding Fixed	G-007780-07	Wake Forest Baptist Imaging	1	1.00	5,547	3,381	2,166	0	0	6,413			
Forsyth	Mobile	Grandfathered	Clemmons Medical Center (Kings Medical Group)	0	0.08	396	343	53	0	0	417			
Forsyth	Mobile	Grandfathered	Cone Health MedCenter - Kernersville (Alliance Healthcare Services)	0	0.02	95	84	11	0	0	99			
Forsyth	Mobile	G-007083-04; G-008372-09	North Carolina Baptist Hospital	0	0.04	200	178	22	0	0	209			
Forsyth	Mobile	G-007723-06	OrthoCarolina	0	0.75	3,607	3,269	338	0	0	3,742			
Forsyth	Mobile	G-007723-06	OrthoCarolina	0	0.12	555	537	18	0	0	562			
Forsyth	Mobile	Grandfathered	Piedmont Imaging LLC (Foundation Health Mobile Imaging LLC)	0	0.05	262	179	83	0	0	295			
Forsyth	Mobile	G-006271-00	Wake Forest Bapt Health (Alliance Healthcare Services)	0	0.04	206	185	21	0	0	214			
Forsyth				17	18.10	69,175					86,308	4,768	4,805	0
Franklin	Hospital Fixed	K-007501-06	Novant Health Franklin Medical Center	1	1.00	604	474	107	21	2	657			
Franklin				1	1.00	604					657	657	3,775	0
Gaston	Hospital Fixed	F-006622-02	Caromont Imaging Services - Belmont	1	1.00	3,436	2,121	1,315	0	0	3,962			
Gaston	Hospital Fixed		Caromont Imaging Services- Summit	1	1.00	3,041	1,786	1,255	0	0	3,543			
Gaston	Hospital Fixed	F-005577-97	Caromont Regional Medical Center	1	1.00	7,246	3,432	1,052	1,404	1,358	9,315			
Gaston	Hospital Fixed	F-006620-02	The Diagnostic Center	1	1.00	0	0	0	0	0	0			
Gaston	Freestanding Fixed	F-8793-12	Novant Health Imaging Gastonia (Mecklenburg Diagnostic Imaging LLC)	1	1.00	0	0	0	0	0	0			
Gaston	Mobile	F-6626-02	Gastonia North 0 (Foundation Health Mobile Imaging)	0	0.05	257	199	58	0	0	280			
Gaston	Mobile	Grandfathered	Gastonia North (Foundation Health Mobile Imaging LLC)	0	0.01	47	35	12	0	0	52			
Gaston	Mobile	Grandfathered	Gastonia North (Foundation Health Mobile Imaging LLC)	0	0.01	53	44	9	0	0	57			
Gaston	Mobile	F-008237-08	Gastonia North (Mecklenburg Diagnostic Imaging, Inc.)	0	0.11	530	416	114	0	0	576			
Gaston	Mobile	F-008000-07	MRI Specialists of the Carolinas - Belmont (MRI Specialists of the Carolinas, LLC)	0	0.06	299	221	78	0	0	330			
Gaston	Mobile	F-008000-07	MRI Specialists of the Carolinas - Gastonia (MRI Specialists of the Carolinas, LLC)	0	0.37	1,789	1,295	494	0	0	1,987			
Gaston	Mobile	Grandfathered	OrthoCarolina, P.A. (Alliance Healthcare Services)	0	0.18	879	879	0	0	0	879			
Gaston				5	5.79	17,577					20,980	3,623	4,805	0

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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
Granville	Hospital Fixed	K-010064-12	Granville Health System	1	1.00	1,360	1,089	12	121	0	1,275			
Granville	Mobile	J-007013-04	Central Regional Hospital (WakeMed Health and Hospitals)	0	0.04	163	0	0	108	55	250			
Granville				1	1.04	1,523					1,525	1,467	3,775	0
Guilford	Hospital Fixed	G-006299-00	Cone Health	3	3.00	14,058	4,587	3,247	4,526	1,698	18,526			
Guilford	Hospital Fixed	G-005924-98	High Point Regional Health	2	2.00	6,311	2,152	1,478	1,413	1,268	8,482			
Guilford	Freestanding Fixed	G-007269-05	Cornerstone Imaging (Cornerstone Health Care, PA)	1	1.00	4,509	2,916	1,593	0	0	5,146			
Guilford	Freestanding Fixed	Grandfathered	Greensboro Imaging (Diagnostic Radiology & Imaging, LLC)	1	1.00	5,412	3,312	2,100	0	0	6,252			
Guilford	Freestanding Fixed	G-006952-03	Greensboro Imaging (Diagnostic Radiology & Imaging, LLC)	1	1.00	5,338	3,165	2,173	0	0	6,207			
Guilford	Freestanding Fixed	Grandfathered	Greensboro Imaging (Diagnostic Radiology & Imaging, LLC)	1	1.00	1,776	1,150	626	0	0	2,026			
Guilford	Freestanding Fixed	G-008347-09	Greensboro Orthopaedics (Greensboro Orthopaedics, P.A.)	1	1.00	5,873	5,501	372	0	0	6,022			
Guilford	Freestanding Fixed	Grandfathered	Triad Imaging (Triad Imaging, LLC)	1	1.00	2,901	2,352	549	0	0	3,121			
Guilford	Mobile		Carolina Neuro and Spine Assoc (Alliance Healthcare Services)	0	0.29	1,406	943	463	0	0	1,591			
Guilford	Mobile	Grandfathered	Carolina Neurosurgery & Spine (Alliance Healthcare Services)	0	0.04	194	130	64	0	0	220			
Guilford	Mobile	Grandfathered	Cornerstone Imaging (InSight Imaging)	0	0.23	1,084	750	334	0	0	1,218			
Guilford	Mobile	Grandfathered	Greensboro Spine & Scoliosis Center (Alliance Healthcare Services)	0	0.03	122	119	3	0	0	123			
Guilford	Mobile	G-007038-04	Greensboro Spine and Scolios (Alliance Healthcare Services)	0	0.00	1	1	0	0	0	1			
Guilford	Mobile	Grandfathered	Guilford Neurologic (Foundation Health Mobile Imaging)	0	0.03	130	59	71	0	0	158			
Guilford	Mobile	Grandfathered	Guilford Neurologic Associates (Kings Medical Group)	0	0.03	153	66	87	0	0	188			
Guilford	Mobile	Grandfathered	Guilford Neurologic Associates Inc (Foundation Health Mobile Imaging LLC)	0	0.14	666	306	360	0	0	810			
Guilford	Mobile		MedCenter High Point	0	0.15	741	565	176	0	0	811			
Guilford	Mobile	Grandfathered	SE orthopaedic Specialists PA (Alliance Healthcare Services)	0	0.01	31	31	0	0	0	31			
Guilford	Mobile	Grandfathered	SE Orthopaedic Specialists PA (Alliance Healthcare Services)	0	0.01	71	71	0	0	0	71			
Guilford	Mobile	G-006271-00	SE Orthopaedic Specialists PA (Alliance Healthcare Services)	0	0.03	124	123	1	0	0	124			
Guilford	Mobile	Grandfathered	SE Orthopaedic Specialists, PA (Alliance Healthcare Services)	0	1.00	5,341	4,816	525	0	0	5,551			
Guilford			2016 SMFP Need Determination	1	1.00	0	0	0	0	0	0			
Guilford				12	13.99	56,242					66,679	4,766	4,805	0

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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
Halifax	Hospital Fixed	L-007257-05	Halifax Regional Medical Center	1	1.00	1,599	991	339	240	29	1,854			
Halifax	Mobile	Grandfathered	Atlantic Radiology Associates-(Alliance Healthcare Services)	0	0.12	471	437	34	0	0	485			
Halifax	Mobile	J-008453-09	Northern Carolina Orthopaedic (Triangle Orthopaedic Associates, PA)	0	0.03	125	115	10	0	0	129			
Halifax/Northampton				1	1.15	2,195					2,467	2,146	3,775	0
Harnett	Hospital Fixed	M-006712-02; M-008287-09	Betsy Johnson Hospital	2	2.00	2,700	1,678	455	351	216	3,195			
Harnett	Mobile	Grandfathered	Atlantic Radiology -Lillington (Alliance Healthcare Services)	0	0.07	270	230	40	0	0	286			
Harnett	Mobile	M6605-02	Carolina Regional radiology (Mobile Imaging of North Carolina, LLC)	0	0.15	612	451	161	0	0	676			
Harnett	Mobile	M-006605-02	Carolina Regional Radiology (Mobile Imaging of North Carolina, LLC)	0	0.04	177	149	28	0	0	188			
Harnett				2	2.26	3,759					4,346	1,923	4,118	0
Haywood	Hospital Fixed	A-005060-94; A-007807-07	Haywood Regional Medical Center	2	2.00	4,030	2,469	1,074	322	165	4,720			
Haywood				2	2.00	4,030					4,720	2,360	4,118	0
Henderson	Hospital Fixed	B-006004-99	Margaret R. Pardee Memorial Hospital	2	2.00	5,061	3,200	1,278	362	221	5,894			
Henderson	Hospital Fixed	B-006012-99; B-007384-05	Park Ridge Health	1	1.00	3,182	2,332	612	148	90	3,558			
Henderson	Mobile	G-007038-04	Laurel Park Medical Center (Alliance Healthcare Services)	0	0.00	3	3	0	0	0	3			
Henderson	Mobile	Grandfathered	Laurel Park Medical Ctr (Alliance Healthcare Services)	0	0.03	130	105	25	0	0	140			
Henderson	Mobile	B-006012-99; B-007384-05	Park Ridge Health	0	0.03	134	123	11	0	0	138			
Henderson				3	3.06	8,510					9,733	3,181	4,462	0
Hertford	Hospital Fixed	Q-007213-05	Vidant Roanoke-Chowan Hospital	1	1.00	1,849	1,119	371	195	164	2,207			
Hertford/Gates				1	1.00	1,849					2,207	2,207	3,775	0
Hoke	Mobile	Grandfathered	First Health Hoke Community Hospital (Foundation Health Mobile Imaging LLC)	0	0.26	446	403	43	0	0	463			
Hoke	Mobile		FirstHealth Moore Regional Hospital - Hoke Campus	0	0.52	898	785	111	1	1	944			
Hoke				0	0.78	1,344					1,407	1,407	1,716	0
Iredell	Hospital Fixed	F-006728-02	Davis Regional Medical Center	1	1.00	882	655	84	108	35	987			
Iredell	Hospital Fixed	F-005340-96	Iredell Memorial Hospital	1	1.00	3,708	1,513	1,177	469	549	4,806			
Iredell	Hospital Fixed	F-005815-98; F-006591-02	Lake Norman Regional Medical Center	2	2.00	2,675	1,377	774	393	131	3,247			
Iredell	Freestanding Fixed	F-006957-03	Piedmont Healthcare (Alliance Healthcare Services)	1	1.00	3,651	2,699	952	0	0	4,032			

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Iredell	Mobile	F-007164-04	Mooresville Diagnostic Imaging (Presbyterian Mobile Imaging, LLC)	0	0.09	413	336	77	0	0	444			
Iredell	Mobile	Grandfathered	Northshore Orthopedics & Sport (Alliance Healthcare Services)	0	0.05	222	222	0	0	0	222			
Iredell	Mobile	Grandfathered	Northshore Orthopedics & Sport (Alliance Healthcare Services)	0	0.01	43	43	0	0	0	43			
Iredell	Mobile	Grandfathered	Novant Health Imaging Mooresville (Kings Medical Group)	0	0.14	662	529	133	0	0	715			
Iredell	Mobile	G-007065-04	Novant Health Mooresville (Novant Health Forsyth Medical Center)	0	0.21	1,024	851	173	0	0	1,093			
Iredell	Mobile	Grandfathered	Ortho Carolina Mooresville (Alliance Healthcare Services)	0	0.19	906	906	0	0	0	906			
Iredell	Mobile	Grandfathered	Piedmont Healthcare (Alliance Healthcare Services)	0	0.30	1,456	939	517	0	0	1,663			
Iredell				5	5.99	15,642					18,157	3,031	4,805	0
Jackson	Hospital Fixed	A-006797-03; A-008195-08	Harris Regional Hospital	2	2.00	2,827	1,865	757	134	71	3,240			
Jackson				2	2.00	2,827					3,240	1,620	4,118	0
Johnston	Hospital Fixed	J-006807-03	Johnston Health	2	2.00	5,077	2,902	1,229	566	380	6,099			
Johnston	Mobile	Grandfathered	Eastern Carolina Medical Center (Alliance Healthcare Services)	0	0.02	82	68	13	0	0	86			
Johnston	Mobile	J-8268-08	Raleigh Radiology at Clayton (Pinnacle Health Services of NC, LLC)	0	0.81	3,628	2,986	642	0	0	3,885			
Johnston	Mobile	Grandfathered	Wake Radiology Services (Alliance Healthcare Services)	0	0.03	119	119	0	0	0	119			
Johnston				2	2.86	8,906					10,189	3,563	4,462	0
Lee	Hospital Fixed	J-005901-98	Central Carolina Hospital	1	1.00	2,690	1,887	226	454	123	3,060			
Lee				1	1.00	2,690					3,060	3,060	3,775	0
Lenoir	Hospital Fixed		Lenoir Memorial Hospital	1	1.00	2,635	1,334	627	376	298	3,275			
Lenoir				1	1.00	2,635					3,275	3,275	3,775	0
Lincoln	Hospital Fixed	F-008081-08	Carolinas Healthcare System - Lincoln	1	1.00	3,904	1,828	1,168	363	545	4,952			
Lincoln				1	1.00	3,904					4,952	4,952	3,775	1
Macon	Hospital Fixed	A-006828-03	Angel Medical Center	1	1.00	1,622	528	1,040	47	7	2,062			
Macon	Hospital Fixed	A-007197-05	Highlands-Cashiers Hospital	1	1.00	374	294	80	0	0	406			
Macon	Mobile	Grandfathered	WestCare Health System Franklin (Alliance Healthcare Services)	0	0.05	202	190	12	0	0	207			
Macon				2	2.05	2,198					2,675	1,305	4,118	0
Martin	Mobile		Martin General Hospital	0	0.31	535	305	230	0	0	627			
Martin	Mobile	G-007038-04	Martin General Hospital (Alliance Healthcare Services)	0	0.00	5	4	1	0	0	5			
Martin	Mobile	Grandfathered	Martin General Hospital (Alliance Healthcare Services)	0	0.01	11	10	1	0	0	11			
Martin				0	0.32	551					644	644	1,716	0

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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
McDowell	Hospital Fixed	C-007304-05	The McDowell Hospital, Inc.	1	1.00	601	396	161	27	17	690			
McDowell	Mobile	E-007066-04	McDowell Medical Associates (Blue Ridge Radiology Associates, P.A.)	0	0.09	339	298	41	0	0	355			
McDowell				1	1.09	940					1,045	959	3,775	0
Mecklenburg	Hospital Fixed	F-006830-03	Carolinas Healthcare System - Pineville	1	1.00	8,178	2,715	3,181	1,024	1,258	10,866			
Mecklenburg	Hospital Fixed		Carolinas Healthcare System - University	1	1.00	4,971	1,956	1,961	404	650	6,437			
Mecklenburg	Hospital Fixed		Carolinas Medical Center	5	5.00	22,623	5,781	8,478	3,379	4,985	31,354			
Mecklenburg	Hospital Fixed	F-005580-97	Novant Health Huntersville Medical Center	1	1.00	6,217	3,477	1,877	568	295	7,431			
Mecklenburg	Hospital Fixed		Novant Health Imaging Museum	1	1.00	2,217	1,583	634	0	0	2,471			
Mecklenburg	Hospital Fixed	F-006379-01; F-008688-11	Novant Health Matthews Medical Center	2	2.00	6,191	2,897	2,029	871	394	7,666			
Mecklenburg	Hospital Fixed	F-006499-01	Novant Health Presbyterian Medical Center	3	3.00	12,312	5,644	3,742	1,803	1,123	15,428			
Mecklenburg	Freestanding Fixed		Carolinas Imaging Services - Southpark (Carolinas Imaging Services, LLC)	1	1.00	2,909	1,889	1,020	0	0	3,317			
Mecklenburg	Freestanding Fixed	F-007167-04	Carolinas Imaging Services-Ballantyne (Carolinas Imaging Services, LLC)	1	1.00	3,136	2,194	942	0	0	3,513			
Mecklenburg	Freestanding Fixed	F-005748-97	Novant Health Imaging Ballantyne (Novant Health Imaging Ballantyne)	1	1.00	2,406	1,852	554	0	0	2,628			
Mecklenburg	Freestanding Fixed	F-007068-04	Novant Health Imaging Southpark (Mecklenburg Diagnostic Imaging, Inc.)	1	1.00	3,432	2,730	702	0	0	3,713			
Mecklenburg	Freestanding Fixed		OrthoCarolina Ballantyne	1	1.00	0	0	0	0	0	0			
Mecklenburg	Freestanding Fixed	F-006698-02	OrthoCarolina Spine Center (OrthoCarolina, P.A.)	1	1.00	8,649	6,971	1,678	0	0	9,320			
Mecklenburg	Mobile	F6734-03	Baldwin (Carolina NeuroSurgery & Spine Associates)	0	0.86	4,129	3,009	1,120	0	0	4,577			
Mecklenburg	Mobile	F6734-03	Ballantyne (Carolina NeuroSurgery & Spine Associates)	0	0.29	1,381	1,187	194	0	0	1,459			
Mecklenburg	Mobile	F-006868-03	Carolina Neurological Clinic (Carolinas Imaging Services, LLC)	0	0.21	1,014	670	344	0	0	1,152			
Mecklenburg	Mobile	F-007040-04	Carolinas Imaging Services-Huntersville (Carolinas Imaging Services, LLC)	0	0.49	2,348	1,666	682	0	0	2,621			
Mecklenburg	Mobile	F-005723-97	Mecklenburg Neurological Associates, P.A. (InSight Imaging)	0	0.41	1,969	1,083	886	0	0	2,323			
Mecklenburg	Mobile	F-007164-04	Novant Health Imaging University (Presbyterian Mobile Imaging, LLC)	0	0.24	1,134	832	302	0	0	1,255			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina (Alliance Healthcare Services)	0	0.02	89	89	0	0	0	89			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina - Ballantyne (OrthoCarolina, P.A.)	0	0.65	3,124	3,122	2	0	0	3,125			

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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	F-007987-07	OrthoCarolina - Huntersville (OrthoCarolina, P.A.)	0	0.33	1,603	1,394	209	0	0	1,687			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina - Matthews (Alliance Healthcare Services)	0	0.01	37	37	0	0	0	37			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina - Matthews (Alliance Healthcare Services)	0	0.25	1,187	1,187	0	0	0	1,187			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina Matthews (OrthoCarolina, P.A.)	0	0.21	1,011	1,011	0	0	0	1,011			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina Spine Center (OrthoCarolina, P.A.)	0	0.18	862	808	54	0	0	884			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina, P.A. (Alliance Healthcare Services)	0	0.28	1,362	1,362	0	0	0	1,362			
Mecklenburg	Mobile	F-006626-02	PIC University (Jacksonville Diagnostic Imaging, Inc.)	0	0.04	187	155	32	0	0	200			
Mecklenburg	Mobile	Grandfathered	PIC Steele Creek (Foundation Health Mobile)	0	0.05	264	203	61	0	0	288			
Mecklenburg	Mobile	F-006626-02	PIC Steele Creek (Jacksonville Diagnostic Imaging, Inc.)	0	0.05	239	194	45	0	0	257			
Mecklenburg	Mobile	F-007164-04	PIC Steele Creek (Presbyterian Mobile Imaging, LLC)	0	0.06	297	247	50	0	0	317			
Mecklenburg	Mobile	G-006271-00	Randolph Spine Center (Alliance Healthcare Services)	0	0.00	16	15	1	0	0	16			
Mecklenburg	Mobile	Grandfathered	Randolph Spine Ctr (Alliance Healthcare Services)	0	0.30	1,441	1,207	234	0	0	1,535			
Mecklenburg			2016 SMFP Need Determination	1	1.00	0	0	0	0	0	0			
Mecklenburg				21	25.93	106,935					129,524	4,995	4,805	1
Mitchell	Hospital Fixed	D-006866-03	Blue Ridge Regional Hospital, Inc.	1	1.00	1,294	894	340	20	40	1,470			
Mitchell/Yancey				1	1.00	1,294					1,470	1,470	3,775	0
Montgomery	Mobile	J-007008-04	First Health Montgomery Memorial Hospital (Foundation Health Mobile Imaging LLC)	0	0.26	446	403	43	0	0	463			
Montgomery	Mobile	Grandfathered	First Health Montgomery Memorial Hospital (Foundation Health Mobile Imaging LLC)	0	0.09	159	138	21	0	0	167			
Montgomery	Mobile	H-007290-05	FirstHealth Montgomery Memorial Hospital	0	0.23	392	325	56	8	3	420			
Montgomery				0	0.58	997					1,051	1,051	1,716	0
Moore	Hospital Fixed	H-005602-97; H-006846-03; H-007097-04	FirstHealth Moore Regional Hospital	3	3.00	13,298	9,107	1,395	2,370	426	15,145			
Moore	Freestanding Fixed	H-006845-03	Pinehurst Surgical Clinic PA (Alliance Healthcare Services)	1	1.00	5,347	4,836	511	0	0	5,551			
Moore	Freestanding Fixed	H-008365-09	Southern Pines Diagnostic Imaging (Triad Imaging, LLC)	1	1.00	637	488	149	0	0	697			
Moore	Mobile	O-006665-02	Southern Pines Diagnostic Imaging (Cape Fear Mobile Imaging, LLC)	0	0.20	970	670	300	0	0	1,090			
Moore	Mobile	J-007008-04	Southern Pines Diagnostic Imaging (Foundation Health Mobile Imaging LLC)	0	0.19	911	821	90	0	0	947			
Moore	Mobile	Grandfathered	Southern Pines Diagnostic Imaging (Foundation Health Mobile Imaging LLC)	0	0.00	0	0	0	0	0	0			

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Moore	Mobile	Grandfathered	Southern Pines Diagnostic Imaging (Kings Medical Group)	0	0.08	367	224	143	0	0	424			
Moore				5	5.47	21,530					23,854	4,361	4,805	0
Nash	Hospital Fixed	L-005908-98	Nash General Hospital	2	2.00	5,009	2,888	1,098	521	502	6,058			
Nash	Mobile	Grandfathered	Atlantic Radiology Assoc. -Rocky (Alliance Healthcare Services)	0	0.04	189	189	0	0	0	189			
Nash	Mobile	Grandfathered	Carolina Regional Orthopaedics (Alliance Healthcare Services)	0	0.05	234	234	0	0	0	234			
Nash				2	2.09	5,432					6,481	3,101	4,462	0
New Hanover	Hospital Fixed		New Hanover Regional Medical Center	4	4.00	16,879	4,276	3,739	2,364	2,053	16,516			
New Hanover	Freestanding Fixed	O-007259-05	OrthoWilmington PA	1	1.00	4,438	4,198	240	0	0	4,534			
New Hanover	Freestanding Fixed	O-011063-18	Wilmington Health	1	1.00	0	0	0	0	0	0			
New Hanover	Mobile	Grandfathered	Delaney Radiologists (InSight Imaging)	0	0.57	2,732	1,423	1,309	0	0	3,256			
New Hanover	Mobile	0 72454-05	Delaney Radiologists (Porter's Neck Imaging, LLC)	0	0.46	2,204	1,276	928	0	0	2,575			
New Hanover	Mobile	0 72454-05	Delaney Radiologists (Porter's Neck Imaging, LLC)	0	0.36	1,722	1,722	0	0	0	1,722			
New Hanover	Mobile		NHRMC Health & Diagnostics - Military Cutoff	0	0.18	848	453	395	0	0	1,006			
New Hanover	Mobile		NHRMC Health & Diagnostics - Porters Neck 0	0	0.15	729	423	306	0	0	851			
New Hanover	Mobile	Grandfathered	WHA Medical Clinic (Alliance Healthcare Services)	0	0.66	3,189	1,798	1,391	0	0	3,745			
New Hanover				6	8.38	32,741					34,205	4,082	4,805	0
Onslow	Hospital Fixed		Onslow Memorial Hospital	1	1.00	3,623	2,036	942	467	178	4,329			
Onslow	Freestanding Fixed	P-008326-09	Coastal Diagnostic Imaging (Jacksonville Diagnostic Imaging, Inc.)	1	1.00	3,162	2,540	622	0	0	3,411			
Onslow	Freestanding Fixed	P-007324-05	Coastal Diagnostic Imaging (Jacksonville Diagnostic Imaging, Inc.)	1	1.00	532	510	22	0	0	541			
Onslow	Mobile	O-006434-01	Coastal Diagnostic Imaging (Cape Fear Diagnostic Imaging, Inc.)	0	0.49	2,180	2,011	169	0	0	2,248			
Onslow	Mobile	Grandfathered	Coastal Diagnostic Imaging (Foundation Health Mobile Imaging)	0	0.07	322	308	14	0	0	328			
Onslow	Mobile		Onslow Memorial Hospital	0	0.06	270	270	0	0	0	270			
Onslow				3	3.62	10,089					11,126	3,073	4,462	0
Orange	Hospital Fixed	J-5900-98; J-7028-04; J-7301-05; J-8136-08; J-8271-08; J-8391-09	University of North Carolina Hospitals	9	9.00	29,853	6,019	17,419	2,282	4,133	41,040			
Orange	Freestanding Fixed	Grandfathered	Wake Radiology Chapel Hill (Chapel Hill Diagnostic Imaging)	1	1.00	1,018	662	356	0	0	1,160			
Orange				10	10.00	30,871					42,200	4,220	4,805	0
Pasquotank	Hospital Fixed	R-007623-06	Albemarle Health: A Vidant Partner in Health	1	1.00	2,864	1,874	613	268	109	3,304			

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Pasquotank/Camden/Currituck/Perquimans				1	1.00	2,864					3,304	3,304	3,775	0
Pender	Mobile	Q-006884-03	Pender Memorial Hospital (Alliance Healthcare Services & University Health Systems of Eastern NC)	0	0.04	76	56	15	3	2	85			
Pender	Mobile		Pender Memorial Hospital	0	0.15	262	223	29	8	2	278			
Pender				0	0.19	338					363	363	1,716	0
Person	Hospital Fixed	K-010277-14	Person Memorial Hospital	1	1.00	0	0	0	0	0	0			
Person	Mobile		Person County Memorial Hospital	0	0.17	644	481	108	34	21	718			
Person	Mobile	G-007038-04	Person Memorial Hospital (Alliance Healthcare Services)	0	0.02	83	59	18	5	1	93			
Person				1	1.19	727					811	681	3,775	0
Pitt	Hospital Fixed	Q-005898-98; Q-006709-02; Q-007658-06; Q-008671-11	Vidant Medical Center	4	4.00	11,551	1,931	2,395	3,323	3,893	16,944			
Pitt	Freestanding Fixed		ECU Physicians MRI (Brody School of Medicine at ECU)	1	1.00	4,134	3,032	1,102	0	0	4,575			
Pitt	Freestanding Fixed	Q-006854-03	Greenville MRI	1	1.00	3,498	2,180	1,318	0	0	4,025			
Pitt	Freestanding Fixed		Greenville MRI	1	1.00	5,248	3,272	1,976	0	0	6,038			
Pitt	Freestanding Fixed	Grandfathered	Physicians East (Kings Medical Group)	1	1.00	2,486	1,684	802	0	0	2,807			
Pitt	Mobile	Grandfathered	Orthopaedics East (Alliance Healthcare Services)	0	0.46	2,190	2,104	86	0	0	2,224			
Pitt/Greene/Hyde/Tyrrell				8	8.46	29,107					36,613	4,328	4,805	0
Polk	Mobile		St. Luke's Hospital, Inc.	0	0.50	856	708	121	25	2	916			
Polk				0	0.50	856					916	916	1,716	0
Randolph	Hospital Fixed	G-006817-03; G-008342-09	Randolph Hospital	2	2.00	4,149	2,776	955	215	203	4,779			
Randolph				2	2.00	4,149					4,779	2,390	4,118	0
Richmond	Hospital Fixed	H-008193-08	Sandhills Regional Medical Center	1	1.00	321	255	21	43	2	348			
Richmond	Mobile		First Health Richmond Memorial Hospital	0	0.53	2,011	1,586	325	83	17	2,188			
Richmond				1	1.53	2,332					2,536	1,658	3,775	0
Robeson	Hospital Fixed	N-005496-96; N-006606-02	Southeastern Regional Medical Center	2	2.00	5,949	3,325	845	1,474	305	7,121			
Robeson				2	2.00	5,949					7,121	3,560	4,118	0
Rockingham	Hospital Fixed	G-006691-02	Annie Penn Hospital	1	1.00	2,819	1,805	456	111	447	3,403			
Rockingham	Hospital Fixed	G-006297-00	Morehead Memorial Hospital	1	1.00	2,131	1,452	440	174	65	2,429			
Rockingham				2	2.00	4,950					5,832	2,916	4,118	0
Rowan	Hospital Fixed	F-005829-98; F-006919-03; F-008314-09	Novant Health Rowan Medical Center	4	4.00	8,847	5,815	1,480	1,299	253	10,161			
Rowan				4	4.00	8,847					10,161	2,540	4,805	0

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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
Rutherford	Hospital Fixed	C-006229-00; C-007298-05; C-008313-09	Rutherford Regional Medical Center	1	1.00	2,524	1,526	656	176	166	2,990			
Rutherford				1	1.00	2,524					2,990	2,990	3,775	0
Sampson	Hospital Fixed	M-007218-05	Sampson Regional Medical Center	1	1.00	2,154	1,806	277	62	9	2,297			
Sampson	Mobile	M-007218-05	Sampson Regional Medical Center	0	0.05	176	141	35	0	0	190			
Sampson				1	1.05	2,330					2,487	2,368	3,775	0
Scotland	Hospital Fixed	N-007805-07	Scotland Memorial Hospital	2	2.00	2,983	2,137	517	278	51	3,342			
Scotland	Mobile	Grandfathered	OrthoCarolina (Alliance Healthcare Services)	0	0.33	1,365	1,365	0	0	0	1,365			
Scotland	Mobile	G-006271-00	OrthoCarolina PA (Alliance Healthcare Services)	0	0.00	19	19	0	0	0	19			
Scotland	Mobile	Grandfathered	OrthoCarolina, P.A. (Alliance Healthcare Services)	0	0.01	26	26	0	0	0	26			
Scotland				2	2.34	4,393					4,752	2,031	4,118	0
Stanly	Hospital Fixed	F-007461-06	Stanly Regional Medical Center	1	1.00	2,590	1,594	620	292	84	3,022			
Stanly				1	1.00	2,590					3,022	3,022	3,775	0
			No Service Site											
Stokes													1,716	0
Surry	Hospital Fixed	G-006792-03	Hugh Chatham Memorial Hospital	1	1.00	3,185	2,164	570	335	116	3,640			
Surry	Hospital Fixed	G-006569-02	Northern Hospital of Surry County	1	1.00	2,743	2,000	504	153	86	3,075			
Surry				2	2.00	5,928					6,714	3,357	4,118	0
			No Service Site											
Swain													1,716	0
Transylvania	Hospital Fixed	B-007019-04	Transylvania Regional Hospital	1	1.00	2,158	1,507	498	100	53	2,440			
Transylvania				1	1.00	2,158					2,440	2,440	3,775	0
Union	Hospital Fixed	F-005920-98	Carolinas Medical Center-Union	1	1.00	4,855	1,578	1,570	707	1,000	6,566			
Union	Freestanding Fixed	F-006972-03	Union West MRI Center (Union Medical Services, LLC)	1	1.00	1,272	1,031	241	0	0	1,368			
Union	Mobile	Grandfathered	OrthoCarolina (Alliance Healthcare Services)	0	0.12	481	481	0	0	0	481			
Union	Mobile	G-006271-00	OrthoCarolina PA (Alliance Healthcare Services)	0	0.01	21	21	0	0	0	21			
Union	Mobile	Grandfathered	OrthoCarolina, P.A. (Alliance Healthcare Services)	0	0.27	1,111	1,111	0	0	0	1,111			
Union	Mobile	F-008237-08	PIC - Monroe (Mecklenburg Diagnostic Imaging, Inc.)	0	0.15	604	557	47	0	0	623			
Union	Mobile	F-6626-02	PIC Monroe (Foundation Health Mobile Imaging LLC)	0	0.05	219	190	29	0	0	231			
Union	Mobile	Grandfathered	PIC Monroe (Foundation Health Mobile Imaging LLC)	0	0.01	24	24	0	0	0	24			
Union	Mobile	Grandfathered	PIC Monroe (Foundation Health Mobile Imaging LLC)	0	0.01	44	40	4	0	0	46			

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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
Union				2	2.62	8,631					10,470	3,996	4,118	0
Vance	Hospital Fixed	K-006527-01; K-007839-07	Maria Parham Medical Center	2	2.00	3,470	1,772	758	581	359	4,293			
Vance/Warren				2	2.00	3,470					4,293	2,146	4,118	0
Wake	Hospital Fixed	Grandfathered; J-008529-10	Duke Raleigh Hospital	2	2.00	8,625	3,967	3,641	453	564	10,714			
Wake	Hospital Fixed	J-006932-03	Rex Healthcare	3	3.00	8,263	3,262	2,822	1,361	818	10,591			
Wake	Hospital Fixed	J-006368-01	WakeMed	2	2.00	9,374	3,947	2,027	2,054	1,346	12,083			
Wake	Hospital Fixed	J-007119-04	WakeMed Cary	1	1.00	3,447	1,865	788	430	364	4,225			
Wake	Freestanding Fixed	Grandfathered	Raleigh Neurology Associates (Alliance Healthcare Services)	1	1.00	4,577	2,659	1,918	0	0	5,344			
Wake	Freestanding Fixed		Raleigh Neurology Associates	1	1.00	4,817	2,074	2,743	0	0	5,914			
Wake	Freestanding Fixed	Grandfathered	Raleigh Radiology (Alliance Healthcare Services)	1	1.00	4,684	3,071	1,613	0	0	5,329			
Wake	Freestanding Fixed	J-007289-05	Raleigh Radiology Cedarhurst (Pinnacle Health Services of NC, LLC)	1	1.00	6,748	3,172	882	0	0	4,407			
Wake	Freestanding Fixed	Grandfathered	Wake Radiology Diagnostic Imaging (Alliance Healthcare Services)	1	1.00	3,585	2,378	1,207	0	0	4,068			
Wake	Freestanding Fixed	Grandfathered	Wake Radiology Garner (Alliance Healthcare Services)	1	1.00	2,392	1,634	758	0	0	2,695			
Wake	Freestanding Fixed	Grandfathered	Wake Radiology Raleigh MRI Center (Wake Radiology Diagnostic Imaging)	1	1.00	3,070	1,629	1,441	0	0	3,646			
Wake	Freestanding Fixed	J-005783-97	Wake Radiology Raleigh MRI Center (Wake Radiology Diagnostic Imaging)	1	1.00	2,511	1,310	1,201	0	0	2,991			
Wake	Mobile	J-007008-04	Cary Orthopedic and Sports (Foundation Health Mobile Imaging LLC)	0	0.10	470	470	0	0	0	470			
Wake	Mobile	Grandfathered	Duke Health Raleigh Hospital (Alliance Healthcare Services)	0	0.04	188	98	90	0	0	224			
Wake	Mobile	Grandfathered	Duke Radiology Knightdale (Alliance Healthcare Services)	0	0.00	89	89	0	0	0	89			
Wake	Mobile	Grandfathered	Duke Raleigh Hospital (Alliance Healthcare Services)	0	0.28	1,352	854	498	0	0	1,551			
Wake	Mobile	Grandfathered	Duke Raleigh Hospital (Alliance Healthcare Services)	0	0.02	97	53	44	0	0	115			
Wake	Mobile	J-007008-04	NC Diagnostic Imaging Cary (Foundation Health Mobile Imaging LLC)	0	0.14	664	487	177	0	0	735			
Wake	Mobile	Grandfathered	North Carolina Diagnostic - Cary (Foundation Health Mobile Imaging LLC)	0	0.04	185	133	52	0	0	206			
Wake	Mobile	Grandfathered	Orthopaedic Specialists of NC (Kings Medical Group)	0	0.28	1,328	1,236	92	0	0	1,365			
Wake	Mobile	J-007757-06	Raleigh Orthopaedic Clinic (Raleigh Orthopaedic Clinic, PA)	0	0.43	2,050	2,050	0	0	0	2,050			

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Wake	Mobile	J-007757-06	Raleigh Orthopaedic Clinic Cary (Raleigh Orthopaedic Clinic, PA)	0	0.14	651	651	0	0	0	651			
Wake	Mobile	J-007757-06	Raleigh Orthopaedic Clinic Garner (Raleigh Orthopaedic Clinic, PA)	0	0.15	723	723	0	0	0	723			
Wake	Mobile	J-007757-06	Raleigh Orthopaedic Clinic North Raleigh (Raleigh Orthopaedic Clinic, PA)	0	0.13	640	640	0	0	0	640			
Wake	Mobile	Grandfathered	Raleigh Radiology (Alliance Healthcare Services)	0	1.00	5,226	3,729	1,497	0	0	5,825			
Wake	Mobile	Grandfathered	Raleigh Radiology - Briar Creek (Foundation Health Mobile Imaging LLC)	0	0.19	916	653	263	0	0	1,021			
Wake	Mobile	J-8268-08	Raleigh Radiology at Wake Forest (Pinnacle Health Services of NC, LLC)	0	0.43	2,081	1,894	187	0	0	2,156			
Wake	Mobile	J-008453-09	Triangle Orthopaedic Associates (Triangle Orthopaedic Associates, PA)	0	0.48	2,311	1,947	364	0	0	2,457			
Wake	Mobile	J-008453-09	Triangle Orthopaedics Associates (Triangle Orthopaedic Associates, PA)	0	0.24	1,158	1,138	20	0	0	1,166			
Wake	Mobile	Grandfathered	Triangle Orthopedic (Alliance Healthcare Services)	0	0.08	404	394	8	0	0	405			
Wake	Mobile	Grandfathered	Triangle Orthopedic (Alliance Healthcare Services)	0	0.02	118	118	0	0	0	118			
Wake	Mobile	J-007012-04	Wake Radiology Cary (Wake Radiology Diagnostic Imaging)	0	0.09	431	348	83	0	0	464			
Wake	Mobile	J-007012-04	Wake Radiology Fuquay-Varina (Wake Radiology Diagnostic Imaging)	0	0.06	307	307	0	0	0	307			
Wake	Mobile	Grandfathered	Wake Radiology Services (Alliance Healthcare Services)	0	0.00	7	7	0	0	0	7			
Wake	Mobile	J-007012-04	Wake Radiology Wake Forest (Wake Radiology Diagnostic Imaging)	0	0.22	1,074	765	309	0	0	1,198			
Wake	Mobile	Grandfathered	WakeMed Apex Healthplex (Alliance Healthcare Services)	0	0.05	262	113	106	34	9	325			
Wake	Mobile	J-007013-04	WakeMed Apex Healthplex (WakeMed Health and Hospitals)	0	0.02	94	51	43	0	0	111			
Wake	Mobile	J-007013-04	WakeMed Garner Healthplex (WakeMed Health and Hospitals)	0	0.02	88	67	21	0	0	96			
Wake	Mobile	J-007013-04	WakeMed Raleigh Medical Park (WakeMed Health and Hospitals)	0	0.07	316	219	97	0	0	355			
Wake	Mobile	Grandfathered	WakeMed -Raleigh Medical Park (Alliance Healthcare Services)	0	0.06	266	173	93	0	0	303			
Wake	Mobile	Grandfathered	WakMed - Garner (Alliance Healthcare Services)	0	0.03	142	84	34	19	5	167			
Wake			2016 SMFP Need Determination	1	1.00	0	0	0	0	0	0			
Wake				17	21.81	85,731					97,308	4,462	4,805	0
			No Service Site											
Washington													1,716	0
Watauga	Hospital Fixed	D-006652-02	Watauga Medical Center	2	2.00	3,056	1,809	860	264	123	3,604			

Table 9P: MRI Fixed and Mobile Procedures by MRI Service Area with Tiered Thresholds and Fixed Equivalents

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
Watauga	Mobile	Grandfathered	OrthoCarolina - Boone NC (Alliance Healthcare Services)	0	0.31	1,480	1,416	64	0	0	1,506			
Watauga				2	2.31	4,536					5,110	2,212	4,805	0
Wayne	Hospital Fixed	P-006889-03; P-007447-05	Wayne Memorial Hospital, Inc.	2	2.00	6,457	4,457	1,386	445	169	7,325			
Wayne				2	2.00	6,457					7,325	3,662	4,118	0
Wilkes	Hospital Fixed	D-005911-98	Wilkes Regional Medical Center	1	1.00	2,747	1,898	420	374	55	3,109			
Wilkes				1	1.00	2,747					3,109	3,109	3,775	0
Wilson	Hospital Fixed		Wilson Medical Center	2	2.00	3,552	1,747	1,019	410	376	4,424			
Wilson	Freestanding Fixed		Wilson Regional MRI (Wilson Orthopedics and Neurology Center PD)	1	1.00	2,957	0	0	2,469	488	4,335			
Wilson				3	3.00	6,509					8,759	2,920	4,805	0
Yadkin	Mobile	G-006271-00	Yadkin Valley Community Hospital (Alliance Healthcare Services)	0	0.03	57	49	7	1	0	60			
Yadkin				0	0.03	57					60	60	1,716	0
Total				236	268.84	848,142						Total of Need Determinations 2		

Threshold 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 9Q(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
<p>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.</p>			

Table 9Q(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
<p>A certificate of need (F-006725-02) was issued on September 24, 2003 to Charlotte Radiology, P.A. The certificate of need states that Charlotte Radiology, P.A., d/b/a Charlotte Radiology Breast Center, shall acquire a dedicated breast MRI scanner.</p>			
	Forsyth	Breast Clinic MRI, LLC	1
<p>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.</p> <p>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.</p>			

Table-9Q(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
<p>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.</p>			

Table 9Q(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
<p>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.</p>			

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

Service Area	County	Provider	MRI Scanners
	Durham	Duke University Hospital	one MRI scanner in operating room suite
	Durham	Duke University Hospital	one MRI scanner dedicated for radiation oncology
	Forsyth	North Carolina Baptist Hospital	one MRI scanner dedicated for radiation oncology
<p>A certificate of need (J-006295-00) was issued to Duke University Hospital for one MRI scanner and another certificate of need (G-006816-03) was issued to North Carolina Baptist Hospital for one MRI, both to be used exclusively for radiation oncology and not be counted in the inventory of fixed MRI scanners. These MRI scanners shall not be used for conventional MRI procedures. In addition, a certificate of need (J-8030-07) was also issued to Duke University Hospital for one MRI to be used in an operating room suite and shall not to be used for clinical diagnostic purposes.</p>			

Table 9Q (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
<p>The North Carolina 2008 State Medical Facilities Plan included an adjusted need determination for two demonstration projects with one multi-position 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).</p>			

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined that there is a need for one additional fixed MRI scanner in each of the following service areas: Lincoln County and Mecklenburg County. There is no need anywhere else in the state and no other reviews are scheduled as shown in Table 9R. Further, there is no need for any additional mobile MRI scanners anywhere in the state.

Table 9R: Fixed MRI Scanner Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

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

Services Areas	Fixed MRI Scanner Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Lincoln	1	November 15, 2017	December 1, 2017
Mecklenburg	1	October 16, 2017	November 1, 2017
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 most recent update occurring in the North Carolina 2017 State Medical Facilities Plan.

Facility Inventory-Service Volume

There were 48 hospitals with fixed cardiac catheterization programs in North Carolina during fiscal year 2014-2015. The reported number of adult cardiac catheterization procedures for the years ending 9/30/2001 through 9/30/2015 is presented in Table 9S. Table 9T exhibits the reported number of pediatric cardiac catheterization procedures for the years ending 9/30/2003 through 9/30/2015. During 2015, there were two mobile cardiac catheterization vendors providing mobile cardiac catheterization services to patients at four hospitals across the state. The reported numbers of mobile cardiac catheterization procedures for the years ending 9/30/2008 through 9/30/2015 is shown in Table 9U. Table 9V presents information about percutaneous coronary interventional procedures for the years ending 9/30/2006 through 9/30/2015. Table 9W displays fixed cardiac catheterization equipment capacity and volume based on a capacity of 1,500 procedures. Mobile cardiac catheterization capacity and volume for reported procedures for the year ending 9/30/2015 is displayed in Table 9X.

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

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 “2016 Hospital License Renewal Application” or the “2016 Registration and Inventory of Medical Equipment Form” for 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 an area 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 “2016 Hospital License Renewal Application” or the “2016 Registration and Inventory of Medical Equipment Form” for 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.

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

Facility	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Alamance Regional Medical Center	1,126	920	892	919	920	897	887	947	909	978	835	741	743	693	770
Sentara Albemarle Medical Center	1,078	1,110	787	674	630	756	1,104	948	860	789	791	964	922	817	838
Caldwell Memorial Hospital	--	--	--	--	--	--	see mobile	587	331	190	91	169	244	148	332
Cape Fear Valley Medical Center	1,313	1,490	2,048	2,356	2,584	2,426	1,150	1,606	1,815	1,637	1,955	1,838	1,776	2,177	2,344
Cardiovascular Diagnostic Center (closed)	--	--	--	--	--	--	--	--	992	970	891	837	830	661	0
Cardiac Diagnostic Center-Wake	365	317	--	--	--	--	--	--	--	--	--	--	--	--	--
Carolinas Medical Center (CMC)	5,400	5,260	4,681	4,032	3,824	4,166	4,105	4,299	4,307	3,864	4,093	3,388	3,692	3,998	4,000
Catawba Valley Medical Center	624	596	503	493	498	443	461	408	369	282	293	347	431	531	637
Central Carolina Hospital	--	--	--	--	--	--	--	--	--	--	--	--	186	209	200
Carolinas Healthcare System - Cleveland	579	629	700	417	597	457	425	390	396	333	305	194	305	375	300
Carolinas Healthcare System - Pineville	1,813	1,489	1,651	1,331	1,388	1,195	1,428	1,026	1,277	1,455	1,367	1,419	2,126	1,763	1,434
Carolinas Healthcare System - University	--	--	--	--	245	205	207	222	153	121	68	87	39	27	34
Carolinas Healthcare System - Union	822	705	723	753	788	779	619	413	379	489	462	364	236	322	410
CarolinaEast Medical Center	1,504	1,588	1,368	1,565	1,629	1,526	1,421	1,329	1,429	1,570	1,828	1,092	1,047	1,089	1,173
Davis Regional Medical Center	448	405	342	370	446	363	328	295	258	153	304	321	296	398	341
Duke Raleigh Hospital	--	--	--	--	1,288	202	325	244	588	806	480	292	316	260	288
Duke University Hospital	4,949	5,239	5,513	5,574	6,825	5,337	3,700	4,220	3,577	3,803	3,979	3,782	3,588	3,246	2,547
Durham Regional Hospital	551	823	835	873	1096	1019	735	637	672	544	518	440	409	424	603
Novant Health Forsyth Medical Center	4,046	5,024	6,092	6,075	5,429	3,310	3,435	2,811	2,876	2,541	2,315	2,444	2,384	2,340	2,535
Frye Regional Medical Center	2,643	2,489	2,664	2,624	2,736	3,078	3,125	3,226	3,041	2,886	2,652	2,630	2,632	2,543	1,771
CaroMont Regional Medical Center	2,104	1,959	1,775	2,145	2,224	2,388	2,147	2,243	2,281	2,035	1,806	1,897	1,755	1,868	1,687
Carolinas HealthCare System - Blue	--	--	--	--	--	--	see mobile	427	391	625	335	433	325	264	364
Greensboro Heart & Sleep Center	--	--	--	--	--	--	see mobile	464	302	120	--	--	--	--	--
Halifax Regional Medical Center	--	--	--	--	--	--	--	--	83	95	102	71	66	--	--
High Point Regional Health	1,860	2,070	2,123	2,181	2,032	1,997	1,929	5,158	2,099	2,027	1,867	1,783	1,565	1,639	1,685
Iredell Memorial Hospital	686	704	708	762	569	743	466	445	571	617	878	756	678	652	595
Johnston Health	--	--	--	--	1,057	1032	864	826	442	472	292	434	576	579	646
Lake Norman Regional Medical Center	--	--	--	--	204	211	178	156	126	77	23	44	53	63	0
Lenoir Memorial Hospital	580	616	650	366	555	408	471	430	357	439	328	254	242	409	436
Haywood Regional Hospital	263	213	239	167	301	208	286	151	171	276	308	290	194	153	149
Margaret R. Pardee Memorial Hospital	--	--	--	--	--	--	see mobile	179	165	168	158	91	102	82	84
Mission Hospital	4,136	3,669	3,322	4,348	4,210	4,316	4,405	3,557	3,345	3,188	3,077	3,103	3,045	2,981	3,045
FirstHealth Moore Regional Hospital	2,683	2,873	2,906	3,457	3,490	3,490	3,294	3,364	3,559	3,408	3,425	3,171	3,205	3,187	3,259
Cone Health	5,603	5,643	6,855	7,238	5,937	3,000	2,945	2,964	2,772	2,736	3,385	3,344	3,143	2,992	2,824
N. C. Baptist Hospital	2,295	2,103	2,134	2,076	2,004	1,782	1,790	1,652	1,642	1,454	1,407	1,552	1,789	1,999	1,848
Nash General Hospital	1,356	1,507	1,627	1,216	1,155	1,015	967	882	754	709	1,199	1,302	1,128	1,058	986
New Hanover Regional Medical Center	3,373	3,380	3,583	3,867	3,943	2,669	2,719	2,728	2,826	2,784	2,765	3,131	3,015	2,731	2,763
Carolinas Healthcare System - NorthEast	1,391	1,284	1,533	1,629	1,574	1,008	963	797	865	890	1,073	1,010	1,002	1,165	1,278

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

Facility	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Onslow Memorial Hospital	706	459	372	270	118	95	104	29	45	16	17	1	--	--	--
Novant Health Presbyterian Medical Center	2,359	2,568	2,562	2,137	2,248	2,168	1,810	1,534	1,531	1,589	1,484	1,533	1,454	1,395	1,493
Novant Health Matthews Medical Center	531	515	528	468	461	500	457	415	499	472	461	438	455	525	638
Randolph Hospital	--	--	--	--	--	--	see mobile	76	7	2	3	3	1	--	--
Rex Hospital	3,254	2,846	2,207	2,041	1,923	2,086	1,966	1,901	1,863	1,558	1,697	2,067	2,666	3,050	3,332
Novant Health Rowan Medical Center	617	725	776	437	425	328	362	436	384	408	335	371	268	333	261
Rutherford Regional Medical Center	--	--	--	--	--	--	see mobile	81	42	20	70	39	64	63	279
Scotland Memorial Hospital	--	--	--	--	--	--	--	--	--	--	36	502	429	345	494
Southeastern Regional Medical Center	1,073	915	796	972	827	652	957	830	813	598	766	818	787	759	732
Carolinas Healthcare System - Stanly	170	288	312	251	144	138	57	19	29	23	7	--	--	--	--
UNC Hospitals	2,075	1,510	1,328	1,673	2,114	2,168	1,995	1,899	1,758	1,886	1,964	2,088	1,467	1,412	1,460
Vidant Medical Center	3,080	4,636	4,912	5,081	4,033	3,301	3,467	2,428	2,654	2,828	2,632	2,447	1,988	1,628	1,286
WakeMed	4,344	4,353	4,775	5,082	5,420	5,536	5,262	5,410	5,402	5,702	5,529	4,718	3,822	3,687	4,282
WakeMed Cary Hospital	--	--	--	--	498	401	406	384	304	368	314	271	222	223	205
Watauga Medical Center	--	--	--	--	--	--	93	148	99	28	11	238	469	490	480
Wayne Memorial Hospital	512	558	558	528	529	413	346	293	362	258	237	229	481	390	462
Wilkes Regional Medical Center	69	97	78	107	70	46	34	5	--	--	--	--	--	--	--
Wilmington Heart Center	--	--	--	--	--	--	see mobile	1,227	977	916	386	--	--	--	--
Wilson Medical Center	502	553	678	606	653	571	464	396	412	361	301	433	325	349	355
Sub-Total															
Fixed Adult	72,883	74,128	76,136	77,161	79,641	68,829	64,659	67,542	64,161	62,564	61,905	60,211	58,983	58,492	57,965
Pediatric	634	634	734	594	664	760	676	640	686	574	614	625	650	604	650
Sub-Total															
Fixed Adult/Ped.	73,517	74,762	76,870	77,755	80,305	69,589	65,335	68,182	64,847	63,138	62,519	60,836	59,633	59,096	58,615
Mobile Units	4,779	4,406	4,291	5,048	4,357	4,967	5,318	1,527	1,529	1,718	1,352	1,256	494	268	257
Grand Total	78,296	79,168	81,161	82,803	84,662	74,556	70,653	69,709	66,376	64,856	63,871	62,092	60,127	59,364	58,872

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

* Includes inpatient and outpatient procedures

Table 9T: Pediatric Diagnostic Catheterization Procedures

Facility	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carolinas Medical Center	166	163	155	160	169	189	182	89	180	162	219	227	234
Duke University Hospital	142	88	149	247	187	198	203	243	221	231	250	222	251
Mission Hospital	13	1	1	--	--	--	--	--	--	--	--	--	--
N. C. Baptist Hospital	88	80	60	64	93	83	123	56	71	68	35	30	58
Vidant Medical Center	49	44	37	46	26	28	31	26	21	29	25	16	19
UNC Hospitals	276	218	262	243	201	142	147	160	121	135	121	109	88
Totals	734	594	664	760	676	640	686	574	614	625	650	604	650

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

Table 9U: Mobile Cardiac Catheterization Procedures

Service Site	2008	2009	2010	2011	2012	2013	2014	2015
Novant Health Brunswick Medical Center	--	4	76	72	40	46	10	--
Caldwell Memorial Hospital	see fixed	see fixed	see fixed	see fixed				
Central Carolina Hospital	51	174	282	202	137	49	--	--
Columbus Regional Healthcare System	81	35	123	119	137	--	27	37
Community Memorial Healthcenter, VA	--	--	76	86	84	73	--	--
Duke Raleigh Hospital	see fixed	see fixed	see fixed	see fixed				
FirstHealth Moore Regional Hospital	see fixed	see fixed	see fixed	see fixed				
FirstHealth Richmond Memorial Hospital	169	220	--	149	57	73	73	21
Carolinas HealthCare System - Blue Ridge	see fixed	see fixed	see fixed	see fixed				
Halifax Regional Medical Center	84	see fixed	see fixed	see fixed	see fixed	see fixed	see fixed	see fixed
Hugh Chatham Memorial Hospital	54	35	18	--	--	--	--	--
Maria Parham Medical Center	87	76	51	25	36	13	--	17
Northern Hospital of Surry County	49	32	35	13	--	--	--	--
Margaret R Pardee Memorial Hospital	see fixed	see fixed	see fixed	see fixed				
Powell Medical Clinic-Sampson Regional Medical Center	63	--	--	--	--	--	--	--
Rex Hospital	--	--	--	--	--	--	--	26
Novant Health Matthews Medical Center	see fixed	see fixed	see fixed	see fixed				
Novant Health Huntersville Medical Center	140	256	124	110	91	96	17	--
Randolph Hospital	see fixed	see fixed	see fixed	see fixed				
Novant Health Rowan Medical Center	--	--	--	--	95	36	--	--
Rutherford Regional Medical Center	see fixed	see fixed	see fixed	see fixed				
Sandhills Regional Medical Center	37	--	--	--	--	--	--	--
Scotland Memorial Hospital	387	381	--	295	295	--	--	--
Southeastern Cardiology-Robeson	237	222	228	156	75	--	--	--
Novant Health Thomasville Medical Center	88	94	131	55	93	108	141	156
UNC Hospitals	--	--	--	70	116	--	--	--
Wilmington Heart Center	see fixed	see fixed	see fixed	see fixed				
TOTAL	1,527	1,529	1,144	1,352	1,256	494	268	257

Table 9V: Percutaneous Coronary Interventional (PCI) Procedures

Hospital	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Alamance Regional Medical Center	140	120	201	179	240	170	210	151	168	489
Caldwell Memorial Hospital	--	--	--	--	--	--	--	45	51	149
Cape Fear Valley Medical Center	613	417	1,262	996	1,010	1,054	1,238	1,217	1,591	1,800
Carolinas Medical Center	1,847	1,817	1,756	1,706	1,851	1,628	1,267	1,352	1,287	1,105
Carolinas Medical Center - Pineville	516	529	175	143	173	473	557	815	776	690
Carolinas Medical Center - Union	--	--	--	--	--	42	27	16	90	158
Catawba Valley Medical Center	86	119	85	103	93	84	119	129	177	269
CarolinaEast Medical Center	501	570	504	501	658	787	826	719	846	754
Davis Regional Medical Center	--	--	--	--	--	73	49	83	72	69
Duke Raleigh Hospital	--	18	10	104	92	126	42	75	76	100
Duke University Hospital	1,618	1,498	1,840	1,550	1,807	1,606	1,784	1,515	904	934
Duke Regional Hospital	293	237	281	281	287	284	296	243	279	452
FirstHealth Moore Regional Hospital	1,880	1,845	1,439	1,584	1,620	1,379	1,181	1,220	1,170	1,563
Novant Health Forsyth Medical Center	1,627	1,593	1,652	1,595	1,463	1,277	1,181	1,273	1,228	1,254
Frye Regional Medical Center	1,300	1,487	1,289	1,217	1,180	1,120	1,161	1,015	1,017	717
CaroMont Regional Medical Center	837	719	832	795	740	609	616	819	621	558
Carolinas HealthCare System - Blue Ridge	--	--	--	1	97	52	76	73	66	92
Halifax Regional Medical Center	--	--	--	--	--	--	8	2	--	--
High Point Regional Health	856	998	852	1,973	1,843	1,716	1,479	1,376	817	822
Iredell Memorial Hospital	--	--	--	139	108	324	300	295	276	221
Johnston Health	--	--	--	13	--	--	--	--	--	148
Lenoir Memorial Hospital	--	--	--	--	--	--	--	308	38	68
Haywood Regional Hospital	--	--	--	--	--	--	5	18	14	18
Mission Hospital	1,482	1,347	1,489	1,356	1,370	1,376	1,365	1,253	1,394	1,491
Cone Health	1,850	1,546	1,303	1,298	1,443	1,351	1,347	1,201	1,086	1,236
N. C. Baptist Hospital	1,380	1,105	1,066	850	893	982	928	858	823	1,015
Nash General Hospital	--	--	--	--	--	134	110	85	90	126
New Hanover Regional Medical Center	1,889	1,983	2,110	2,119	2,204	2,189	2,309	1,966	1,579	1,810
Carolinas HealthCare System- Northeast	719	631	705	687	770	766	664	629	737	761
Novant Health Presbyterian Medical Center	1,541	1,400	1,361	1,392	1,543	1,231	1,278	1,139	929	817
Novant Health Matthews Medical Center	--	--	60	38	64	131	199	177	187	296
Rex Hospital	1,102	960	980	929	825	820	1,033	1,350	1,689	2,058
Novant Health Rowan Medical Center	--	26	60	181	126	222	199	209	194	197
Southeastern Regional Medical Center	--	132	219	214	186	341	408	466	410	360
UNC Hospitals	632	733	836	795	866	830	928	996	1,053	1,069
Vidant Medical Center	1,481	1,611	1,398	1,380	1,456	1,361	1,319	1,372	1,396	1,189
WakeMed	3,521	3,654	3,944	3,832	3,952	3,772	3,324	2,713	2,563	1,877
WakeMed Cary Hospital	2	7	5	12	8	6	6	--	--	--
Watagua Medical Center	--	--	--	--	--	--	--	171	140	151
Wayne Memorial Hospital	--	--	--	--	--	--	--	96	113	134
Wilson Medical Center	--	--	--	--	--	73	142	--	162	151
TOTAL	27,713	27,102	27,714	27,963	28,968	28,389	27,981	25,474	26,109	27,168

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

Table 9W: Fixed Cardiac Catheterization Equipment, Capacity and Volume

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 e	2015 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Alamance	Alamance Regional Medical Center	1			1	b	1,626	1.35	0	
	Pending Review/ Appeal				0					
	TOTAL				1			1		0
Buncombe/ Graham/ Madison/Yancey	Mission Hospital	5			5	a	5,654	4.71	0	
	Pending Review/ Appeal				0					
	TOTAL				5			5		0
Burke	Carolinas HealthCare System Blue Ridge [DLP Healthcare]	1			1	c	525	0.44	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Cabarrus	Carolinas Medical Center -NorthEast	2			2	b	2,610	2.17	0	
	Pending Review/ Appeal				0					
	TOTAL				2			2		0
Caldwell	Caldwell Memorial Hospital [DLP Healthcare]	1			1	c	593	0.49	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Carteret	Carteret General Hospital		1		1		0	0.00	0	
	Pending Review/ Appeal									
	TOTAL				1			0		0
Catawba	Catawba Valley Medical Center	1			1	b	1,108	0.92	0	
	Frye Regional Medical Center	4			4	b	3,026	2.52	0	
	Pending Review/ Appeal				0					
	TOTAL				5			3		0
Cleveland	Carolinas HealthCare System Cleveland [DLP Healthcare]	1			1	c	300	0.25	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Craven/Jones/ Pamlico	CarolinaEast Medical Center	2	1		3	b	2,493	2.08	0	
	Pending Review/ Appeal									
	TOTAL				3			2		0
Cumberland	Cape Fear Valley Medical Center	3			3	b	5,494	4.58	2	
	Pending Review/ Appeal			1	1					
	TOTAL				4			5		1

Table 9W: Fixed Cardiac Catheterization Equipment, Capacity and Volume

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 e	2015 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Durham/ Caswell	Duke University Hospital	7			7	a	4,806	4.01	0	
	Duke Regional Hospital	2			2	b	1,394	1.16	0	
	Pending Review/ Appeal				0					
	TOTAL				9			5		0
Forsyth	Novant Health Forsyth Medical Center	8			8	b	4,730	3.94	0	
	N. C. Baptist Hospital	5			5	a	3,775	3.15	0	
	Pending Review/ Appeal				0					
	TOTAL				13			7		0
Gaston	CaroMont Regional Medical Center	4			4	b	2,664	2.22	0	
	Pending Review/ Appeal				0					
	TOTAL				4			2		0
Guilford	High Point Regional Health	4			4	b	3,124	2.60	0	
	Cone Health	7			7	b	4,987	4.16	0	
	The Cardiovascular Diagnostic Center (closed)	1			1		0	0.00	0	
	Pending Review/ Appeal				0					
	TOTAL				12			7		0
Halifax/ Northampton	Halifax Regional Medical Center	1			1	c	29	0.02	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Harnett	Central Harnett Hospital		1		1			0.00	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Haywood	Haywood Regional Hospital	1			1	c	181	0.15	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Henderson	Margaret R. Pardee Memorial Hospital [DLP Healthcare]	1			1	c	84	0.07	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Iredell	Iredell Memorial Hospital	1			1	c	982	0.82	0	
	Davis Regional Medical Center	1			1	c	462	0.38	0	
	Lake Norman Regional Medical Center	1			1	c	0	0.00	0	
	Pending Review/ Appeal				0					
	TOTAL				3			1		0

Table 9W: Fixed Cardiac Catheterization Equipment, Capacity and Volume

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 e	2015 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Johnston	Johnston Health	1			1	c	905	0.75	0	
	Pending Review/ Appeal				0					
	TOTAL				1			1		0
Lee	Central Carolina Hospital	1			1		200	0.17	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Lenoir	Lenoir Memorial Hospital	1			1	c	555	0.46	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Mecklenburg	Carolinas Medical Center	8			8	a	6,846	5.71	0	
	Carolinas Medical Center-Pineville	3			3	b	2,642	2.20	0	
	Novant Health Presbyterian Medical Center	4			4	b	2,933	2.44	0	
	Carolinas Medical Center-University	1			1	c	34	0.03	0	
	Novant Health Matthews Medical Center[DLP Healthcare]	1			1	c	1,156	0.96	0	
	Pending Review/ Appeal				0					
	TOTAL				17			11		0
Moore	FirstHealth Moore Regional Hospital	5			5	b	5,994	5.00	0	
	Pending Review/ Appeal				0					
	TOTAL				5			5		0
Nash	Nash General Hospital	2			2	c	1,207	1.01	0	
	Pending Review/ Appeal				0					
	TOTAL				2			1		0
New Hanover	New Hanover Regional Medical Center	5			5	b	5,931	4.94	0	
	Pending Review/ Appeal				0					
	TOTAL				5			5		0

Table 9W: Fixed Cardiac Catheterization Equipment, Capacity and Volume

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 e	2015 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Onslow	Onslow Memorial Hospital	1			1	c	0	0.00	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Orange	UNC Hospitals	4			4	a	3,832	3.19	0	
	Pending Review/ Appeal				0					
	TOTAL				4			3		0
Pasquotank/ Camden/ Currituck/ Perquimans	Sentara Albemarle Medical Center	1			1	c	838	0.70	0	
	Pending Review/ Appeal				0					
	TOTAL				1			1		0
Pitt/Greene/ Hyde/Tyrell	Vidant Medical Center	7			7	a	3,482	2.90	0	
	Pending Review/ Appeal				0					
	TOTAL				7			3		0
Randolph	Randolph Hospital	1			1	c	0	0.00	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Robeson	Southeastern Regional Medical Center	2			2	b	1,362	1.14	0	
	Pending Review/ Appeal				0					
	TOTAL				2			1		0
Rowan	Novant Health Rowan Medical Center	1			1	c	606	0.50	0	
	Pending Review/ Appeal				0					
	TOTAL				1			1		0
Rutherford	Rutherford Regional Medical Center	1			1	c	279	0.23	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Scotland	Scotland Memorial Hospital	1			1		494	0.41	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0
Stanly	Carolinas Healthcare System-Anson	1			1	c	0	0.00	0	
	Pending Review/ Appeal				0					
	TOTAL				1			0		0

Table 9W: Fixed Cardiac Catheterization Equipment, Capacity and Volume

Cardiac Catheterization Equipment Service Areas	Facility	Current Inventory	CON Issued/ Pending Development	Pending Review or Appeal	Total Planning Inventory	2015 Procedures (Weighted Totals)	Machines Required Based on 80% Utilization	Total No. of Additional Machines Required by Facility	No. of Machines Needed
Union	Carolinas Medical Center - Union	1			1	c 687	0.57	0	
	Pending Review/ Appeal				0				
	TOTAL				1		1		0
Wake	Rex Hospital	4			4	b 6,934	5.78	2	
	WakeMed	9			9	b 7,567	6.31	0	
	WakeMed Cary Hospital	1			1	c 205	0.17	0	
	Duke Raleigh Hospital [DLP Healthcare]	3			3	c 463	0.39	0	
	Pending Review/ Appeal				0				
TOTAL				17		13		0	
Watauga	Watauga Medical Center	1			1	c 744	0.62	0	
	Pending Review/ Appeal				0				
	TOTAL				1		1		0
Wayne	Wayne Memorial Hospital	1			1	c 697	0.58	0	
	Pending Review/ Appeal				0				
	TOTAL				1		1		0
Wilkes	Wilkes Regional Medical Center	1			1	c 0	0.00	0	
	Pending Review/ Appeal				0				
	TOTAL				1		0		0
Wilson	Wilson Medical Center	1			1	c 619	0.52	0	
	Pending Review/ Appeal				0				
	TOTAL				1		1		0
NORTH CAROLINA TOTALS		139	3	1	143		107,853	89	1

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 9X: Mobile Cardiac Catheterization Capacity and Volume

Facility	Days/Week On Site	Procedure Capacity	Procedures Reported in 2015
Novant Health Brunswick Medical Center	0.50	150	--
Central Carolina Hospital	1.00	300	--
Columbus Regional Medical Center	0.50	150	37
Community Memorial Health Center	1.00	300	--
FirstHealth Richmond Memorial Hospital	1.00	300	21
Maria Parham Medical Center	1.00	300	17
Northern Hospital of Surry County	1.00	300	--
Novant Health Huntersville Medical Center	1.00	300	--
Novant Health Thomasville Medical Center	1.00	300	156
Rex Hospital	7.00	2,100	26
N.C. Total: 10	15.00	4,500	257

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined the need for one unit of fixed cardiac catheterization equipment in the Cumberland County Service Area. The State Health Coordinating Council approved a petition from Cape Fear Valley Health System to remove the need determination for one unit of fixed cardiac catheterization equipment in the Cumberland County Service Area. The State Health Coordinating Council approved a petition from UNC Rex Healthcare for one unit of fixed cardiac catheterization equipment in the Wake County Service Area. There is no need anywhere else in the state and no other reviews are scheduled as shown in Table 9Y.

Table 9Y: Fixed Cardiac Catheterization Equipment Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

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

Cardiac Catheterization Service Area	Fixed Cardiac Catheterization Equipment Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Wake***	1	April 17, 2017	May 1, 2017
It is determined that there is no need for additional fixed 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 in the Wake County service area is in response to a petition that was approved by the State Health Coordinating Council.

**** A need determination in the Cumberland County service area was removed in response to a petition that was approved by the State Health Coordinating Council.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional shared fixed cardiac catheterization equipment anywhere else in the state and no other reviews are scheduled as shown in Table 9Z.

**Table 9Z: Shared Fixed Cardiac Catheterization Equipment
Need Determination**

(Scheduled for Certificate of Need Review Commencing in 2017)

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	Shared Fixed Cardiac Catheterization Equipment Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional shared fixed 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).

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional mobile cardiac catheterization equipment anywhere else in the state and no other reviews are scheduled as shown in Table 9AA.

Table 9AA: Mobile Cardiac Catheterization Equipment Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

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

Cardiac Catheterization Service Area	Mobile Cardiac Catheterization Equipment Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional mobile 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).

Chapter 10:

Nursing Care Facilities

CHAPTER 10

NURSING CARE FACILITIES

Summary of Bed Supply and Utilization

In the fall of 2016, the nursing care bed inventory included 44,675 licensed beds in nursing homes and 1,285 licensed beds in hospitals for a total of 45,960 licensed nursing care beds. An additional 405 nursing care beds had received approval from Certificate of Need (CON), but were not yet licensed. In addition, 1,400 nursing care beds from currently licensed facilities will be transferred to CON-approved projects once completed; previous need determination for which certificates of need have not been issued were anticipated to add 160 more nursing care beds. The “total inventory” of nursing care beds (*licensed + CON-approved – CON bed transfers + previously allocated*) was 46,488.

Exclusions from the inventory and occupancy rate have been retained for specialty care units (*beds in units designated exclusively for people with head injuries or ventilator dependency*), state operated facilities, for out-of-area placements in non-profit religious or fraternal facilities, for 100% 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 2017 State Medical Facilities Plan, the excluded beds total 3,060, resulting in an adjusted “planning inventory” of 43,428 nursing care beds.

Changes from the Previous Plan

The nursing care bed need methodology as compared to that used in the North Carolina 2016 State Medical Facilities Plan has the following changes:

- One use rate (no age groups) calculated by county with annual change rate projection of 36 months;
- Smoothing of average change rate applied to each county with substitution of the state rate at one half a standard deviation (SD) above and below the mean;
- Vacancy factor applied to bed utilization summary (95%);
- For need determinations, use of the higher between the median occupancy rate among all facilities in a county or the county weighted average;
- Alignment of all exclusions for beds and occupancy;
- One hundred percent exclusion for Continuing Care Retirement Communities (NH-2) beds; and
- Maximum bed need for each service area of 150 beds.

Basic Assumptions of the Method

1. Need should be projected three years beyond the plan year because that is the least amount of time required to bring a needed facility or expansion into service.
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 2016

License Renewal Applications, should receive need determinations even though such increments may be of insufficient size to encourage establishment of new facilities.

4. 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 and the associated days of care will be removed from the occupancy rate calculation.
5. When nursing care beds have been converted to care for head injury or ventilator-dependent patients, the beds will be removed from the inventory and the associated days of care will be removed from the occupancy rate calculation.
6. One hundred percent of the nursing care beds developed pursuant to Policy NH-2 will be excluded from the inventory and the associated days of care will be removed from the occupancy rate calculation.
7. Nursing care beds transferred from state psychiatric hospitals to the community pursuant to Policy NH-5 shall be excluded from the inventory and the associated days of care will be removed from the occupancy rate calculation.
8. Any beds developed pursuant to Policy NH-1 will be included in 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. A county rate provides a more accurate utilization measure in determining needs. Bed rates are calculated per 1,000 population per county. Each county bed rate is calculated using a five year average annual change projected forward 36 months. For any county with an average annual change rate that is one-half of a standard deviation above or below the average change rate of all counties, the state change rate is substituted in the bed rate calculation.
11. Occupancy rates can be calculated using different techniques. The methodology chooses to use the higher of two different occupancy rate calculations such that the need determination in each county is calculated with the greatest advantage. The adjusted occupancy rate for each county is calculated using the higher of the median of all facilities' occupancy rates in a county or a countywide occupancy, whichever is higher. The equivalent days of care for the initial occupancy will be removed from calculations for beds that have been excluded from the inventory.

Sources of Data

Population Data:

Projected numbers of residents, by county and age group, for 2020 were obtained from the North Carolina Office of State Budget and Management.

Estimated active duty military population numbers were excluded from the county's population for any county with more than 500 active duty military personnel. These estimates were obtained from the category of "Employment Status – Armed Forces" in the "Selected Economic Characteristics" portion of the American Community Survey 2014 5-year Estimates.

Utilization Data

Data on utilization of nursing facilities were compiled from the “2016 Renewal Applications for License to Operate a Nursing Home,” combined with data from the “Nursing Care Facility/Unit Beds 2016 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 county bed use rates (*see “Assumptions”*) by each county’s corresponding projected civilian population (*in thousands*) for the target year (2020) to calculate the projected bed utilization.
- Step 2: For each county, divide the projected bed utilization by a 95% vacancy factor.
- 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 with applied vacancy factor 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 adjusted occupancy of licensed beds in the county is 90 percent or greater based on utilization data reported on 2016 Renewal Applications, the need determination is 90 beds.
 - b. For a county with a deficit of 91 or more beds, if the adjusted occupancy of licensed beds in the county is 90 percent or greater based on utilization data reported on 2016 Renewal Applications, the need determination is the amount of the deficit rounded to 10*. The maximum need determination for each county is 150 beds.
 - c. If any other county’s deficit is 10 percent or more of its total projected bed need, and the adjusted occupancy of licensed beds in the county is 90 percent or greater based on utilization data reported on 2016 Renewal Applications, the need determination is the amount of the deficit rounded to 10*. The maximum need determination for each county is 150 beds.

* 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 bed care 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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Alamance	Alamance Health Care Center	180	0	180	0	0	0	0	180	0	180
Alamance	Edgewood Place at the Village at Brookwood	105	0	105	0	0	0	0	105	24	81
Alamance	Liberty Commons Nursing & Rehab Ctr of Alamance Cty	90	0	90	0	0	0	0	90	0	90
Alamance	Peak of Graham, LLC (Replacement facility.)	0	0	0	0	0	120	0	120	0	120
Alamance	Peak Resources - Alamance Inc (120 bed transfer to Peak of Graham, LLC)	120	0	120	0	0	-120	0	0	0	0
Alamance	The Presbyterian Home of Hawfields	117	0	117	0	0	0	0	117	4	113
Alamance	Twin Lakes Community	100	0	100	0	0	0	0	100	35	65
Alamance	Twin Lakes Community Memory Care	16	0	16	0	0	0	0	16	8	8
Alamance	White Oak Manor-Burlington	160	0	160	0	0	0	0	160	0	160
Alamance Totals		888	0	888	0	0	0	0	888	71	817
Alexander	Valley Nursing Center	183	0	183	0	0	0	0	183	49	134
Alexander Totals		183	0	183	0	0	0	0	183	49	134
Alleghany	Alleghany Center	90	0	90	0	0	0	0	90	0	90
Alleghany Totals		90	0	90	0	0	0	0	90	0	90
Anson	Ambassador Rehab & Healthcare Center	66	0	66	0	0	0	0	66	0	66
Anson	Anson Health and Rehabilitation	95	0	95	0	0	0	0	95	0	95
Anson Totals		161	0	161	0	0	0	0	161	0	161
Ashe	Margate Health and Rehab Center	210	0	210	0	0	0	0	210	0	210
Ashe Totals		210	0	210	0	0	0	0	210	0	210
Avery	Charles A. Cannon, Jr. Memorial Hospital, Inc. **	0	10	10	0	0	0	0	10	0	10
Avery	Life Care Center of Banner Elk	118	0	118	0	0	0	0	118	0	118
Avery Totals		118	10	128	0	0	0	0	128	0	128
Beaufort	Ridgewood Living & Rehabilitation Center (Replacement facility. Beds transferred from Ridgewood Manor.)	0	0	0	0	0	150	0	150	0	150
Beaufort	Ridgewood Living and Rehabilitation Center (Beds transferred to Ridgewood Living & Rehabilitation.)	150	0	150	0	0	-150	0	0	0	0
Beaufort	River Trace Nursing and Rehabilitation Center	140	0	140	0	0	0	0	140	0	140
Beaufort Totals		290	0	290	0	0	0	0	290	0	290
Bertie	Brian Center Health & Rehabilitation/Windsor	82	0	82	0	0	0	0	82	0	82
Bertie	Three Rivers Health and Rehab	60	0	60	0	0	0	0	60	0	60
Bertie Totals		142	0	142	0	0	0	0	142	0	142
Bladen	Cape Fear Valley - Bladen County Hospital **	0	10	10	0	0	0	0	10	0	10
Bladen	Elizabethtown Healthcare & Rehabilitation Center	94	0	94	0	0	0	0	94	0	94
Bladen	Poplar Heights Center	90	0	90	0	0	0	0	90	0	90
Bladen Totals		184	10	194	0	0	0	0	194	0	194
Brunswick	Autumn Care of Brunswick Plantation	0	0	0	70	0	30	0	100	0	100

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Brunswick	Autumn Care of Shallotte (Bed transfer to Autumn Care of Brunswick Plantation)	130	0	130	0	0	-30	0	100	0	100
Brunswick	Brunswick Cove Nursing Center	175	0	175	0	0	0	0	175	0	175
Brunswick	Ocean Trail Healthcare & Rehabilitation Center	99	0	99	0	0	0	0	99	0	99
Brunswick	Southport Nursing Center	0	64	64	0	0	0	0	64	0	64
Brunswick	Universal Health Care/Brunswick	90	0	90	0	0	0	0	90	0	90
Brunswick Totals		494	64	558	70	0	0	0	628	0	628
Buncombe	Asheville Health Care Center	106	0	106	0	0	0	0	106	0	106
Buncombe	Asheville Nursing & Rehab Center	120	0	120	0	0	0	0	120	0	120
Buncombe	Aston Park Health Care Center	120	0	120	0	0	0	0	120	0	120
Buncombe	Black Mountain Neuro-Medical Treatment Center *	156	0	156	0	0	0	0	156	156	0
Buncombe	Brian Center Health & Rehabilitation/Weaverville	122	0	122	0	0	0	0	122	0	122
Buncombe	Brooks-Howell Home	58	0	58	0	0	0	0	58	1	57
Buncombe	Deerfield Episcopal Retirement Community	62	0	62	0	0	0	0	62	31	31
Buncombe	Emerald Ridge Rehabilitation & Care Center	100	0	100	0	0	0	0	100	0	100
Buncombe	Flesher's Fairview Health Care Center Inc	106	0	106	0	0	0	0	106	0	106
Buncombe	Givens Health Center	70	0	70	0	0	0	0	70	12	58
Buncombe	Givens Highland Farms	60	0	60	0	0	0	0	60	0	60
Buncombe	Golden LivingCenter - Asheville	77	0	77	0	0	0	0	77	0	77
Buncombe	Mountain Ridge Health and Rehab	97	0	97	0	0	0	0	97	0	97
Buncombe	NC State Veterans Home - Black Mountain *	100	0	100	0	0	0	0	100	100	0
Buncombe	Pisgah Manor Health Care Center	118	0	118	0	0	0	0	118	5	113
Buncombe	StoneCreek Health and Rehabilitation	120	0	120	0	0	0	0	120	0	120
Buncombe	The Laurels of GreenTree Ridge	98	0	98	0	0	0	0	98	0	98
Buncombe	The Laurels of Summit Ridge	60	0	60	0	0	0	0	60	0	60
Buncombe	The Oaks at Sweeten Creek	100	0	100	0	0	0	0	100	0	100
Buncombe	Western North Carolina Baptist Home	100	0	100	0	0	0	0	100	16	84
Buncombe Totals		1,950	0	1,950	0	0	0	0	1,950	321	1,629
Burke	Autumn Care of Drexel	100	0	100	0	0	0	0	100	0	100
Burke	Carolina Rehab Center of Burke	90	0	90	0	0	0	0	90	0	90
Burke	College Pines Health and Rehab Center	100	0	100	0	0	0	0	100	0	100
Burke	Grace Heights Health and Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Burke	Grace Ridge	25	0	25	0	0	0	0	25	25	0
Burke	Magnolia Lane Nursing & Rehabilitation Center	121	0	121	0	0	0	0	121	0	121
Burke Totals		556	0	556	0	0	0	0	556	25	531
Cabarrus	Avante at Concord	120	0	120	0	0	0	0	120	0	120
Cabarrus	Brian Center Health & Retirement/Cabarrus	90	0	90	0	0	0	0	90	0	90
Cabarrus	Five Oaks Manor	160	0	160	0	0	0	0	160	0	160

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Cabarrus	PruittHealth-TownCenter	70	0	70	0	0	0	0	70	0	70
Cabarrus	The Gardens of Taylor Glen Retirement Community	24	0	24	0	0	0	0	24	24	0
Cabarrus	Transitional Health Services of Kannapolis	107	0	107	0	0	0	0	107	0	107
Cabarrus	Universal Health Care and Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Cabarrus Totals		691	0	691	0	0	0	0	691	24	667
Caldwell	Gateway Rehabilitation and Healthcare	100	0	100	0	0	0	0	100	0	100
Caldwell	Hickory Falls Health and Rehabilitation	120	0	120	0	0	0	0	120	0	120
Caldwell	Lenoir Healthcare Center	120	0	120	0	0	0	0	120	0	120
Caldwell	Shaire Nursing Center	60	0	60	0	0	0	0	60	0	60
Caldwell Totals		400	0	400	0	0	0	0	400	0	400
Carteret	Croatan Ridge Nursing and Rehabilitation Center	64	0	64	0	0	0	0	64	0	64
Carteret	Crystal Bluffs Rehabilitation and Health Care Center	92	0	92	0	0	0	0	92	0	92
Carteret	Harborview Health Care Center	122	0	122	0	0	0	0	122	0	122
Carteret	PruittHealth-SeaLevel	104	0	104	0	0	0	0	104	0	104
Carteret	Snug Harbor on Nelson Bay	42	0	42	0	0	0	0	42	0	42
Carteret Totals		424	0	424	0	0	0	0	424	0	424
Caswell	Brian Center Health & Rehabilitation/Yanceyville	157	0	157	0	0	0	0	157	0	157
Caswell Totals		157	0	157	0	0	0	0	157	0	157
Catawba	Abernethy Laurels	174	0	174	0	0	0	0	174	40	134
Catawba	Brian Center Health & Rehabilitation/Hickory East	150	0	150	0	0	0	0	150	0	150
Catawba	Brian Center Health and Rehab Hickory/Viewmont	104	0	104	0	0	0	0	104	0	104
Catawba	Conover Nursing and Rehabilitation Center	90	0	90	0	0	0	0	90	0	90
Catawba	Frye Regional Medical Center **	0	17	17	0	0	0	0	17	0	17
Catawba	Trinity Ridge	120	0	120	0	0	0	0	120	3	117
Catawba	Trinity Village	104	0	104	0	0	0	0	104	2	102
Catawba Totals		742	17	759	0	0	0	0	759	45	714
Chatham	Carolina Meadows Health Center	90	0	90	0	0	0	0	90	90	0
Chatham	Chatham County Rehabilitation Center	0	0	0	90	0	0	0	90	0	90
Chatham	Siler City Center	150	0	150	0	0	0	0	150	0	150
Chatham	The Arbor	40	0	40	0	0	0	0	40	40	0
Chatham	The Laurels of Chatham	140	0	140	0	0	0	0	140	0	140
Chatham Totals		420	0	420	90	0	0	0	510	130	380
Cherokee	Murphy Medical Center, Inc.	0	134	134	0	0	0	0	134	0	134
Cherokee	Valley View Care and Rehabilitation Center	76	0	76	0	0	0	0	76	0	76
Cherokee Totals		76	134	210	0	0	0	0	210	0	210
Chowan	Chowan River Nursing & Rehabilitation Center	130	0	130	0	0	0	0	130	0	130
Chowan Totals		130	0	130	0	0	0	0	130	0	130

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Clay	Clay County Care Center	90	0	90	0	0	0	0	90	0	90
Clay Totals		90	0	90	0	0	0	0	90	0	90
Cleveland	Cleveland Pines (10 bed transfer from Kings Mountain Hospital + 10 bed transfer from Crawley Memorial Hospital.)	120	0	120	0	0	20	0	140	0	140
Cleveland	Crawley Memorial Hospital (Bed transfer to Cleveland Pines Nursing Center.) **	0	10	10	0	0	-10	0	0	0	0
Cleveland	Kings Mountain Hospital (Bed transfer to Cleveland Pines Nursing Center.) **	0	10	10	0	0	-10	0	0	0	0
Cleveland	Peak Resources-Shelby	100	0	100	0	0	0	0	100	0	100
Cleveland	White Oak Manor-Kings Mountain	154	0	154	0	0	0	0	154	0	154
Cleveland	White Oak Manor-Shelby	160	0	160	0	0	0	0	160	0	160
Cleveland Totals		534	20	554	0	0	0	0	554	0	554
Columbus	Liberty Commons Nsg and Rehab Center of Columbus County	107	0	107	0	0	0	0	107	0	107
Columbus	Premier Living & Rehab Center	127	0	127	0	0	0	0	127	0	127
Columbus	Shoreland Health Care and Retirement Center Inc	89	0	89	0	0	0	0	89	0	89
Columbus Totals		323	0	323	0	0	0	0	323	0	323
Craven	Bayview Nursing & Rehabilitation Center	60	0	60	0	0	0	0	60	0	60
Craven	Cherry Point Bay Nursing and Rehabilitation Center	70	0	70	0	0	0	0	70	0	70
Craven	PruittHealth-Neuse	110	0	110	0	0	0	0	110	0	110
Craven	PruittHealth-Trent	116	0	116	0	0	0	0	116	0	116
Craven	Riverpoint Crest Nursing and Rehabilitation Center	105	0	105	0	0	0	0	105	0	105
Craven Totals		461	0	461	0	0	0	0	461	0	461
Cumberland	Autumn Care of Fayetteville	90	0	90	0	0	0	0	90	0	90
Cumberland	Bethesda Health Care Facility	85	0	85	0	0	0	0	85	0	85
Cumberland	Carolina Rehab Center of Cumberland	136	0	136	0	0	0	0	136	0	136
Cumberland	Cumberland County Rehabilitation Center (Replacement facility.)	0	0	0	0	0	58	0	58	0	58
Cumberland	Cumberland Nursing and Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Cumberland	Golden Years Nursing Home (58 bed transfer to Cumberland County Rehabilitation Center)	58	0	58	0	0	-58	0	0	0	0
Cumberland	Haymount Rehabilitation & Nursing Center Inc	98	0	98	0	0	0	0	98	0	98
Cumberland	Highland House Rehabilitation and Healthcare	106	0	106	0	0	0	0	106	0	106
Cumberland	NC State Veterans Home-Fayetteville *	150	0	150	0	0	0	0	150	150	0
Cumberland	The Rehabilitation and Health Care Ctr at Village Green	170	0	170	0	0	0	0	170	0	170
Cumberland	Whispering Pines Nursing & Rehabilitation Center	86	0	86	0	0	0	0	86	0	86
Cumberland	Woodlands Nursing & Rehabilitation Center	80	0	80	0	0	0	0	80	0	80
Cumberland Totals		1,179	0	1,179	0	0	0	0	1,179	150	1,029

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Currituck	Sentara Nursing Center - Currituck	100	0	100	0	0	0	0	100	0	100
Currituck Totals		100	0	100	0	0	0	0	100	0	100
Dare	Peak Resources-Outer Banks	126	0	126	0	0	0	0	126	0	126
Dare Totals		126	0	126	0	0	0	0	126	0	126
Davidson	Abbotts Creek Center	64	0	64	0	0	0	0	64	0	64
Davidson	Alston Brook	100	0	100	0	0	0	0	100	0	100
Davidson	Avante at Thomasville	120	0	120	0	0	0	0	120	0	120
Davidson	Brian Center Nursing Care/Lexington	106	0	106	0	0	0	0	106	0	106
Davidson	Lexington Health Care Center	90	0	90	0	0	0	0	90	0	90
Davidson	Mountain Vista Health Park	60	0	60	0	0	0	0	60	0	60
Davidson	Piedmont Crossing	114	0	114	0	0	0	0	114	45	69
Davidson	Pine Ridge Health and Rehabilitation Center	140	0	140	0	0	0	0	140	0	140
Davidson Totals		794	0	794	0	0	0	0	794	45	749
Davie	Autumn Care of Mocksville (Replacement facility.)	0	0	0	0	0	96	0	96	0	96
Davie	Autumn Care of Mocksville	96	0	96	0	0	-96	0	0	0	0
Davie	Bermuda Commons Nursing and Rehabilitation Center	117	0	117	0	0	0	0	117	0	117
Davie	Bermuda Village Retirement Center	15	0	15	0	0	0	0	15	0	15
Davie Totals		228	0	228	0	0	0	0	228	0	228
Duplin	Brian Center Health & Rehabilitation/Wallace	80	0	80	0	0	0	0	80	0	80
Duplin	Kenansville Health & Rehabilitation Center	92	0	92	0	0	0	0	92	0	92
Duplin	Warsaw Health & Rehabilitation Center	100	0	100	0	0	0	0	100	0	100
Duplin Totals		272	0	272	0	0	0	0	272	0	272
Durham	Brian Center Southpoint	140	0	140	0	0	0	0	140	0	140
Durham	Carver Living Center	232	0	232	0	0	0	0	232	0	232
Durham	Croasdaile Village	110	0	110	0	0	0	0	110	74	36
Durham	Durham Nursing & Rehabilitation Center	126	0	126	0	0	0	0	126	0	126
Durham	Hillcrest Convalescent Center	120	0	120	0	0	0	0	120	0	120
Durham	Kindred Transitional Care and Rehabilitation - Rose Manor	111	0	111	0	0	0	0	111	0	111
Durham	Peak Resources - Treyburn	132	0	132	0	0	0	0	132	0	132
Durham	Pettigrew Rehabilitation Center	96	0	96	0	0	0	0	96	0	96
Durham	PruittHealth-Carolina Point (Portions of facility in Durham and Orange Counties.) **	18	0	18	0	0	0	0	18	0	18
Durham	PruittHealth-Durham	125	0	125	0	0	0	0	125	0	125
Durham	The Cedars of Chapel Hill	44	0	44	30	0	0	0	74	74	0
Durham	The Forest at Duke	58	0	58	0	0	0	0	58	58	0
Durham Totals		1,312	0	1,312	30	0	0	0	1,342	206	1,136
Edgecombe	Golden Living Center - Tarboro	159	0	159	0	0	0	0	159	0	159

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Edgecombe	Prodigy Transitional Rehab	118	0	118	0	0	0	0	118	0	118
Edgecombe	The Fountains at The Albemarle	30	0	30	0	0	0	0	30	0	30
Edgecombe Totals		307	0	307	0	0	0	0	307	0	307
Forsyth	Arbor Acres United Methodist Retirement Community	63	0	63	18	0	0	0	81	81	0
Forsyth	Brian Center Health & Retirement/Winston Salem	40	0	40	0	0	0	0	40	0	40
Forsyth	Brookridge Retirement Community	77	0	77	0	0	0	0	77	10	67
Forsyth	Homestead Hills	40	0	40	0	0	0	0	40	1	39
Forsyth	Liberty Commons Nsg & Rehab Ctr of Springwood	200	0	200	0	0	-200	0	0	0	0
Forsyth	Liberty Commons Nsg and Rehab Center of Kernersville	0	0	0	0	0	100	0	100	0	100
Forsyth	Liberty Commons Nsg and Rehab Center of Silas Creek	0	0	0	0	0	100	0	100	0	100
Forsyth	Oak Forest Health and Rehabilitation	170	0	170	0	0	0	0	170	18	152
Forsyth	Piney Grove Nursing & Rehabilitation Center	92	0	92	0	0	0	0	92	0	92
Forsyth	PruittHealth-High Point	100	0	100	0	0	0	0	100	0	100
Forsyth	Regency Care of Clemmons	120	0	120	0	0	0	0	120	0	120
Forsyth	Salemtowne (Replacement facility)	0	0	0	0	0	100	0	100	100	0
Forsyth	Salemtowne (CON transfer of 100 Beds to replacement facility)	84	0	84	16	0	-100	0	0	0	0
Forsyth	Silas Creek Rehabilitation Center	90	0	90	0	0	0	0	90	0	90
Forsyth	The Oaks	151	0	151	0	0	0	0	151	0	151
Forsyth	Trinity Elms **	100	0	100	0	0	0	0	100	0	100
Forsyth	Trinity Glen	117	0	117	0	0	0	0	117	2	115
Forsyth	Winston Salem Nursing & Rehabilitation Center	230	0	230	0	0	0	0	230	0	230
Forsyth Totals		1,674	0	1,674	34	0	0	0	1,708	212	1,496
Franklin	Franklin Oaks Nursing and Rehabilitation Center	166	0	166	0	0	0	0	166	0	166
Franklin	Louisburg Healthcare & Rehabilitation Center	92	0	92	0	0	0	0	92	0	92
Franklin Totals		258	0	258	0	0	0	0	258	0	258
Gaston	Alexandria Place	60	0	60	0	0	0	0	60	0	60
Gaston	Belaire Health Care Center	80	0	80	0	0	0	0	80	0	80
Gaston	Brian Center Health and Rehabilitation/Gastonia	162	0	162	0	0	0	0	162	0	162
Gaston	Carolina Care Center	107	0	107	0	0	0	0	107	0	107
Gaston	Courtland Terrace	77	0	77	0	0	0	0	77	0	77
Gaston	Covenant Village	38	0	38	0	0	0	0	38	38	0
Gaston	Gastonia Care and Rehabilitation	118	0	118	0	0	0	0	118	0	118
Gaston	MeadowWood Nursing Center	50	0	50	0	0	0	0	50	0	50
Gaston	Peak Resources-Cherryville	54	0	54	0	0	0	0	54	0	54
Gaston	Peak Resources-Gastonia **	120	0	120	0	0	0	0	120	0	120
Gaston	Stanley Total Living Center	106	0	106	12	0	0	0	118	12	106
Gaston Totals		972	0	972	12	0	0	0	984	50	934

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Gates	Down East Living & Rehab Center	70	0	70	0	0	0	0	70	0	70
Gates Totals		70	0	70	0	0	0	0	70	0	70
Graham	Graham Healthcare and Rehabilitation Center	80	0	80	0	0	0	0	80	0	80
Graham Totals		80	0	80	0	0	0	0	80	0	80
Granville	Granville Health System	0	80	80	0	0	0	0	80	0	80
Granville	Universal Health Care/Oxford (20 beds transfer to Universal Health Care-Wake Forest in Wake Co.)	160	0	160	0	0	-20	0	140	0	140
Granville Totals		160	80	240	0	0	-20	0	220	0	220
Greene	Greendale Forest Nursing & Rehabilitation Center	115	0	115	0	0	0	0	115	0	115
Greene Totals		115	0	115	0	0	0	0	115	0	115
Guilford	Adams Farm Living & Rehabilitation	120	0	120	0	0	0	0	120	0	120
Guilford	Ashton Place Health & Rehab	134	0	134	0	0	0	0	134	0	134
Guilford	Blumenthal Nursing & Rehabilitation Center	134	0	134	0	0	0	0	134	4	130
Guilford	Camden Place Health & Rehab LLC	135	0	135	0	0	0	0	135	0	135
Guilford	Clapps Nursing Center	118	0	118	0	0	0	0	118	0	118
Guilford	Cone Health **	0	19	19	0	0	0	0	19	0	19
Guilford	Countryside Manor Inc	60	0	60	0	0	0	0	60	0	60
Guilford	Friends Homes at Guilford	69	0	69	0	0	0	0	69	19	50
Guilford	Friends Homes West	40	0	40	0	0	0	0	40	40	0
Guilford	Golden LivingCenter - Greensboro	105	0	105	0	0	0	0	105	0	105
Guilford	Golden LivingCenter - Starmount	126	0	126	0	0	0	0	126	0	126
Guilford	Greenhaven Health & Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Guilford	Guilford Health Care Center	110	0	110	0	0	0	0	110	0	110
Guilford	Heartland Living & Rehab @ The Moses H Cone Mem Hos	107	0	107	0	0	0	0	107	0	107
Guilford	Kindred Hospital - Greensboro	0	23	23	0	0	0	0	23	23	0
Guilford	Maple Grove Health and Rehabilitation Center	210	0	210	0	0	0	0	210	0	210
Guilford	Maryfield Nursing Home	125	0	125	0	0	0	0	125	26	99
Guilford	Meridian Center	199	0	199	0	0	0	0	199	0	199
Guilford	River Landing at Sandy Ridge	60	0	60	0	0	0	0	60	32	28
Guilford	The Shannon Gray Rehabilitation & Recovery Center	150	0	150	0	0	0	0	150	0	150
Guilford	Well-Spring	60	0	60	0	0	0	0	60	60	0
Guilford	Westchester Manor at Providence Place	129	0	129	0	0	0	0	129	0	129
Guilford	WhiteStone: A Masonic and Eastern Star Community	88	0	88	0	0	0	0	88	2	86
Guilford Totals		2,399	42	2,441	0	0	0	0	2,441	206	2,235
Halifax	Enfield Oaks Nursing & Rehabilitation Center	63	0	63	0	0	0	0	63	0	63
Halifax	Liberty Commons Nsg and Rehab Ctr of Halifax County	50	0	50	0	0	0	0	50	0	50
Halifax	Our Community Hospital, Inc.	0	60	60	0	0	0	0	60	0	60

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County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Halifax	Scotland Manor Health Care Center	62	0	62	0	0	0	0	62	0	62
Halifax	Signature HealthCARE of Roanoke Rapids	108	0	108	0	0	0	0	108	0	108
Halifax Totals		283	60	343	0	0	0	0	343	0	343
Harnett	Cornerstone Nursing and Rehabilitation Center	100	0	100	0	0	0	0	100	0	100
Harnett	Emerald Health & Rehab Center	96	0	96	0	0	0	0	96	0	96
Harnett	Harnett Woods Nursing and Rehabilitation Center	100	0	100	0	0	0	0	100	0	100
Harnett	Universal Health Care Lillington	129	0	129	0	0	-129	0	0	0	0
Harnett	Universal Health Care/Lillington (Replacement facility.)	0	0	0	0	0	129	0	129	0	129
Harnett Totals		425	0	425	0	0	0	0	425	0	425
Haywood	Autumn Care of Waynesville	90	0	90	0	0	0	0	90	0	90
Haywood	Brian Center Health and Rehabilitation/Waynesville	90	0	90	0	0	0	0	90	0	90
Haywood	Maggie Valley Nursing and Rehabilitation	114	0	114	0	0	0	0	114	0	114
Haywood	MedWest Haywood	0	0	0	0	0	0	0	0	0	0
Haywood	Silver Bluff LLC	131	0	131	0	0	0	0	131	0	131
Haywood	Smoky Mountain Health and Rehabilitation Center	50	0	50	0	0	0	0	50	0	50
Haywood Totals		475	0	475	0	0	0	0	475	0	475
Henderson	Beystone Health & Rehabilitation (Replacement facility.)	0	0	0	0	0	50	0	50	0	50
Henderson	Brian Center Health & Rehabilitation/Hendersonville	120	0	120	0	0	0	0	120	0	120
Henderson	Carolina Village Inc	58	0	58	0	0	0	0	58	0	58
Henderson	Golden LivingCenter - Hendersonville	150	0	150	0	0	0	0	150	0	150
Henderson	Hendersonville Health and Rehabilitation	130	0	130	0	0	0	0	130	0	130
Henderson	Life Care Center of Hendersonville	80	0	80	0	0	0	0	80	0	80
Henderson	Mountain Home Health and Rehab	134	0	134	0	0	0	0	134	0	134
Henderson	The Laurels of Hendersonville	100	0	100	0	0	0	0	100	0	100
Henderson	The Lodge at Mills River	50	0	50	0	0	-50	0	0	0	0
Henderson	Universal Health Care/Fletcher	90	0	90	0	0	0	0	90	0	90
Henderson Totals		912	0	912	0	0	0	0	912	0	912
Hertford	Creekside Care & Rehabilitation Center	151	0	151	0	0	0	0	151	0	151
Hertford Totals		151	0	151	0	0	0	0	151	0	151
Hoke	Autumn Care of Raeford	132	0	132	0	0	0	0	132	0	132
Hoke Totals		132	0	132	0	0	0	0	132	0	132
Hyde	Cross Creek Health Care	80	0	80	0	0	0	0	80	0	80
Hyde Totals		80	0	80	0	0	0	0	80	0	80
Iredell	Autumn Care of Statesville	103	0	103	0	0	0	0	103	0	103
Iredell	Brian Center Health & Rehabilitation/Statesville	147	0	147	0	0	0	0	147	0	147
Iredell	Brian Center Health & Retirement/Mooresville	131	0	131	0	0	0	0	131	0	131
Iredell	Iredell Memorial Hospital, Incorporated	0	48	48	0	0	0	0	48	0	48

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Iredell	Maple Leaf Health Care	94	0	94	0	0	0	0	94	0	94
Iredell	Mooresville Center	130	0	130	0	0	0	0	130	0	130
Iredell Totals		605	48	653	0	0	0	0	653	0	653
Jackson	Blue Ridge on the Mountain	106	0	106	0	0	0	0	106	0	106
Jackson	Skyland Care Center	94	0	94	0	0	0	0	94	0	94
Jackson Totals		200	0	200	0	0	0	0	200	0	200
Johnston	Barbour Court Nursing & Rehabilitation Center	165	0	165	0	0	0	0	165	0	165
Johnston	Brian Center Health & Retirement/Clayton	90	0	90	0	0	0	0	90	0	90
Johnston	Liberty Commons Nsg and Rehab Ctr of Johnston Cty	100	0	100	0	0	0	0	100	0	100
Johnston	Smithfield Manor Nursing and Rehab	160	0	160	0	0	0	0	160	0	160
Johnston	Springbrook Nursing and Rehabilitation Center	100	0	100	0	0	0	0	100	0	100
Johnston Totals		615	0	615	0	0	0	0	615	0	615
Jones	Brook Stone Living Center	80	0	80	0	0	0	0	80	0	80
Jones Totals		80	0	80	0	0	0	0	80	0	80
Lee	Liberty Commons Nsg and Rehab Ctr of Lee County LLC	80	0	80	0	0	0	0	80	0	80
Lee	Sanford Health & Rehabilitation Co **	131	0	131	0	0	0	0	131	0	131
Lee	Westfield Rehabilitation and Health Center	83	0	83	0	0	0	0	83	0	83
Lee Totals		294	0	294	0	0	0	0	294	0	294
Lenoir	Harmony Hall Nursing and Rehabilitation Center	175	0	175	0	0	0	0	175	0	175
Lenoir	Lenoir Memorial Hospital **	0	26	26	0	0	0	0	26	0	26
Lenoir	NC State Veterans Nursing Home - Kinston *	100	0	100	0	0	0	0	100	100	0
Lenoir	Signature HealthCARE of Kinston **	106	0	106	0	0	0	0	106	0	106
Lenoir Totals		381	26	407	0	0	0	0	407	100	307
Lincoln	Brian Center Health & Retirement/Lincolnton	117	0	117	0	0	0	0	117	0	117
Lincoln	Cardinal Healthcare and Rehabilitation Center	63	0	63	0	0	0	0	63	0	63
Lincoln	Lincolnton Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Lincoln Totals		300	0	300	0	0	0	0	300	0	300
Macon	Eckerd Living Center **	80	0	80	0	0	0	0	80	0	80
Macon	Macon Valley Nursing and Rehabilitation Center	200	0	200	0	0	0	0	200	0	200
Macon Totals		280	0	280	0	0	0	0	280	0	280
Madison	Elderberry Health Care	80	0	80	0	0	0	0	80	0	80
Madison	Madison Health & Rehabilitation	100	0	100	0	0	0	0	100	0	100
Madison Totals		180	0	180	0	0	0	0	180	0	180
Martin	Roanoke River Nursing & Rehabilitation Center	154	0	154	0	0	0	0	154	0	154
Martin Totals		154	0	154	0	0	0	0	154	0	154
McDowell	Autumn Care of Marion	110	0	110	0	0	0	0	110	0	110
McDowell	Deer Park Health and Rehabilitation	140	0	140	0	0	0	0	140	0	140

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
McDowell Totals		250	0	250	0	0	0	0	250	0	250
Mecklenburg	Asbury Care Center (Bed transfer to replacement facility.)	100	0	100	20	0	-120	0	0	0	0
Mecklenburg	Asbury Care Center (Replacement facility.)	0	0	0	0	0	120	0	120	20	100
Mecklenburg	Autumn Care of Cornelius	102	0	102	0	0	0	0	102	0	102
Mecklenburg	Avante at Charlotte	100	0	100	0	0	0	0	100	0	100
Mecklenburg	Brian Center Health and Rehabilitation/Charlotte	120	0	120	0	0	0	0	120	0	120
Mecklenburg	Brian Center Nursing Care/Shamrock	100	0	100	0	0	0	0	100	0	100
Mecklenburg	Brookdale Carriage Club Providence	42	0	42	0	0	0	0	42	42	0
Mecklenburg	Carrington Place	166	0	166	0	0	0	0	166	0	166
Mecklenburg	Charlotte Health & Rehabilitation Center	90	0	90	0	0	0	0	90	0	90
Mecklenburg	Clear Creek Nursing & Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Mecklenburg	Golden Living Center - Charlotte	120	0	120	0	0	0	0	120	0	120
Mecklenburg	Golden Living Center - Dartmouth	133	0	133	0	0	0	0	133	0	133
Mecklenburg	Hunter Woods Nursing and Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Mecklenburg	Huntersville Health & Rehabilitation Center **	90	0	90	0	0	0	0	90	0	90
Mecklenburg	Huntersville Oaks	66	0	66	0	0	0	0	66	0	66
Mecklenburg	Mecklenburg Health & Rehabilitation Center	100	0	100	0	0	0	0	100	0	100
Mecklenburg	Novant Health Presbyterian Medical Center	0	16	16	0	0	0	0	16	0	16
Mecklenburg	Olde Knox Commons at The Villages of Mecklenburg	114	0	114	0	0	0	0	114	0	114
Mecklenburg	Pavilion Health Center at Brightmore	120	0	120	0	0	0	0	120	0	120
Mecklenburg	Peak Resources-Charlotte	142	0	142	0	0	0	0	142	0	142
Mecklenburg	Pineville Rehabilitation and Living Center	106	0	106	0	0	0	0	106	0	106
Mecklenburg	Royal Park Rehabilitation & Health Center	169	0	169	0	0	0	0	169	0	169
Mecklenburg	Sardis Oaks	124	0	124	0	0	0	0	124	0	124
Mecklenburg	Saturn Nursing and Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Mecklenburg	Sharon Towers	96	0	96	0	0	0	0	96	34	62
Mecklenburg	Southminster	60	0	60	0	0	0	0	60	60	0
Mecklenburg	The Pines at Davidson	51	0	51	0	0	0	0	51	51	0
Mecklenburg	The Stewart Health Center	56	0	56	0	0	0	0	56	56	0
Mecklenburg	University Place Nursing and Rehabilitation Center	207	0	207	0	0	0	0	207	0	207
Mecklenburg	White Oak Manor - Charlotte	180	0	180	0	0	0	0	180	0	180
Mecklenburg	WillowBrooke Court SC Ctr at Plantation Estates	80	0	80	0	0	0	0	80	80	0
Mecklenburg	Wilora Lake Healthcare Center	70	0	70	0	0	0	0	70	0	70
Mecklenburg Totals		3,264	16	3,280	20	0	0	0	3,300	343	2,957
Mitchell	Brian Center Health & Rehabilitation/Spruce Pine	127	0	127	0	0	0	0	127	0	127
Mitchell Totals		127	0	127	0	0	0	0	127	0	127
Montgomery	Autumn Care of Biscoe	141	0	141	0	0	0	0	141	0	141
Montgomery Totals		141	0	141	0	0	0	0	141	0	141

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Moore	Inn at Quail Haven Village	60	0	60	-10	0	0	0	50	25	25
Moore	KingsWood Nursing Center	90	0	90	0	0	0	0	90	0	90
Moore	Manor Care Health Services - Pinehurst	120	0	120	0	0	0	0	120	0	120
Moore	Peak Resources - Pinelake	90	0	90	0	0	0	0	90	0	90
Moore	Penick Village	50	0	50	0	0	0	0	50	19	31
Moore	Pinehurst Healthcare & Rehabilitation Center	144	0	144	0	0	0	0	144	0	144
Moore	St Joseph of The Pines Health Center	176	0	176	0	0	0	0	176	0	176
Moore Totals		730	0	730	-10	0	0	0	720	44	676
Nash	2016 SMFP Need Determination	0	0	0	0	0	0	40	40	0	40
Nash	Autumn Care of Nash	60	0	60	0	0	0	0	60	0	60
Nash	Hunter Hills Nursing and Rehabilitation Center	141	0	141	0	0	0	0	141	0	141
Nash	Rocky Mount Rehabilitation Center	117	0	117	0	0	0	0	117	0	117
Nash	South Village (Replacement facility for South Village)	0	0	0	0	0	100	0	100	0	100
Nash	South Village (Bed transfer to replacement facility.)	100	0	100	0	0	-100	0	0	0	0
Nash	Universal Health Care/Nashville **** (Closed. Nine bed transfer to Universal Health Care-Wake Forest in Wake Co.) **	9	0	9	0	0	-9	0	0	0	0
Nash Totals		427	0	427	0	0	-9	40	458	0	458
New Hanover	Autumn Care of Myrtle Grove	90	0	90	0	0	0	0	90	0	90
New Hanover	Azalea Health & Rehab Center	80	0	80	0	0	0	0	80	0	80
New Hanover	Bradley Creek Health Center at Carolina Bay **	30	0	30	0	0	0	0	30	12	18
New Hanover	Cypress Pointe Rehabilitation Center	90	0	90	0	0	0	0	90	0	90
New Hanover	Davis Health and Wellness at Cambridge Village	20	0	20	0	0	0	0	20	0	20
New Hanover	Davis Health Care Center	179	0	179	0	0	0	0	179	0	179
New Hanover	Liberty Commons Rehabilitation Center	100	0	100	0	0	0	0	100	0	100
New Hanover	NorthChase Nursing and Rehabilitation Center	140	0	140	0	0	0	0	140	0	140
New Hanover	Silver Stream Health and Rehabilitation Center	110	0	110	0	0	0	0	110	0	110
New Hanover	Trinity Grove - Wilmington	100	0	100	0	0	0	0	100	6	94
New Hanover	Wilmington Health and Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
New Hanover Totals		1,059	0	1,059	0	0	0	0	1,059	18	1,041
Northampton	Northampton Nursing and Rehabilitation Center	80	0	80	0	0	0	0	80	0	80
Northampton	Rich Square Health Care Center	69	0	69	0	0	0	0	69	0	69
Northampton Totals		149	0	149	0	0	0	0	149	0	149
Onslow	Carolina Rivers Nursing & Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Onslow	Premier Nursing and Rehabilitation Center	239	0	239	0	0	0	0	239	0	239
Onslow Totals		359	0	359	0	0	0	0	359	0	359
Orange	Brookshire Nursing Center	80	0	80	0	0	0	0	80	0	80
Orange	Carol Woods	30	0	30	0	0	0	0	30	30	0

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Orange	Legion Road Healthcare **	133	0	133	0	0	0	0	133	0	133
Orange	PruittHealth-Carolina Point (Portions of facility in Durham and Orange County.)	138	0	138	0	0	0	0	138	0	138
Orange	Signature HealthCARE of Chapel Hill	108	0	108	0	0	0	0	108	0	108
Orange Totals		489	0	489	0	0	0	0	489	30	459
Pamlico	Grantsbrook Nursing and Rehabilitation Center	96	0	96	0	0	0	0	96	0	96
Pamlico Totals		96	0	96	0	0	0	0	96	0	96
Pasquotank	Kindred Transitional Care and Rehabilitation - Elizabeth City	108	0	108	0	0	0	0	108	0	108
Pasquotank	W.R. Winslow Memorial Home	146	0	146	24	0	0	0	170	22	148
Pasquotank Totals		254	0	254	24	0	0	0	278	22	256
Pender	Pender Memorial Hospital, Inc.	0	43	43	0	0	0	0	43	0	43
Pender	The Village on Campbell	98	0	98	0	0	0	0	98	0	98
Pender	Woodbury Wellness Center Inc	112	0	112	0	0	0	0	112	0	112
Pender Totals		210	43	253	0	0	0	0	253	0	253
Perquimans	Brian Center Health and Rehabilitation/Hertford	78	0	78	0	0	0	0	78	0	78
Perquimans Totals		78	0	78	0	0	0	0	78	0	78
Person	Person Memorial Hospital	0	60	60	0	0	0	0	60	0	60
Person	Roxboro Healthcare & Rehabilitation Center	140	0	140	0	0	0	0	140	0	140
Person Totals		140	60	200	0	0	0	0	200	0	200
Pitt	Ayden Court Nursing and Rehabilitation Center	82	0	82	0	0	0	0	82	0	82
Pitt	Cypress Glen Retirement Community	30	0	30	0	0	0	0	30	30	0
Pitt	East Carolina Rehab and Wellness **	130	0	130	0	0	0	0	130	0	130
Pitt	GoldenLiving Center - Greenville	152	0	152	0	0	0	0	152	0	152
Pitt	PruittHealth-Farmville	56	0	56	0	0	0	0	56	0	56
Pitt	Universal Health Care/Greenville	120	0	120	0	0	0	0	120	0	120
Pitt Totals		570	0	570	0	0	0	0	570	30	540
Polk	Autumn Care of Saluda	99	0	99	0	0	0	0	99	0	99
Polk	White Oak Manor-Tryon	70	0	70	0	0	0	0	70	0	70
Polk	WillowBrooke Court SC Center at Tryon Estates	52	0	52	0	0	0	0	52	52	0
Polk Totals		221	0	221	0	0	0	0	221	52	169
Randolph	Clapp's Convalescent Nursing Home	96	0	96	0	0	0	0	96	0	96
Randolph	Randolph Health and Rehabilitation Center	238	0	238	0	0	0	0	238	0	238
Randolph	The Graybrier Nursing and Retirement Center	128	0	128	0	0	0	0	128	0	128
Randolph	Universal Health Care/Ramseur	90	0	90	0	0	0	0	90	0	90
Randolph	Westwood Health and Rehabilitation Center	68	0	68	0	0	0	0	68	0	68
Randolph	Woodland Hill Center	100	0	100	0	0	0	0	100	0	100
Randolph Totals		720	0	720	0	0	0	0	720	0	720

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Richmond	FirstHealth Richmond Memorial Hospital **	0	51	51	0	0	0	0	51	0	51
Richmond	PruittHealth-Rockingham	120	0	120	0	0	0	0	120	0	120
Richmond	Richmond Pines Healthcare and Rehabilitation Center	105	0	105	0	0	0	0	105	0	105
Richmond Totals		225	51	276	0	0	0	0	276	0	276
Robeson	GlenFlora	52	0	52	0	0	0	0	52	0	52
Robeson	Golden LivingCenter - Lumberton	122	0	122	0	0	0	0	122	0	122
Robeson	Highland Acres Nursing and Rehabilitation Center	90	0	90	0	0	0	0	90	0	90
Robeson	Pembroke Center	84	0	84	0	0	0	0	84	0	84
Robeson	Southeastern Regional Medical Center	0	115	115	0	0	0	0	115	0	115
Robeson	Wesley Pines Retirement Community	62	0	62	0	0	0	0	62	24	38
Robeson Totals		410	115	525	0	0	0	0	525	24	501
Rockingham	Avante at Reidsville	110	0	110	0	0	0	0	110	0	110
Rockingham	Brian Center Health & Rehabilitation/Eden	112	0	112	0	0	0	0	112	0	112
Rockingham	Jacob's Creek Nursing and Rehabilitation Center	170	0	170	0	0	0	0	170	0	170
Rockingham	Morehead Memorial Hospital **	0	121	121	0	0	0	0	121	0	121
Rockingham	Penn Nursing Center	82	0	82	0	0	0	0	82	0	82
Rockingham Totals		474	121	595	0	0	0	0	595	0	595
Rowan	Autumn Care of Salisbury	97	0	97	0	0	0	0	97	0	97
Rowan	Big Elm Retirement and Nursing Centers	50	0	50	0	0	0	0	50	0	50
Rowan	Brian Center Health & Rehabilitation/Salisbury	185	0	185	0	0	0	0	185	0	185
Rowan	Brightmoor Nursing Center	58	0	58	0	0	0	0	58	0	58
Rowan	Liberty Commons Nsg and Rehab Ctr of Rowan Cty	90	0	90	0	0	0	0	90	0	90
Rowan	Magnolia Estates Skilled Care Facility	70	0	70	0	0	0	0	70	0	70
Rowan	North Carolina State Veterans Home Salisbury *	99	0	99	0	0	0	0	99	99	0
Rowan	Salisbury Center	160	0	160	0	0	0	0	160	0	160
Rowan	The Laurels of Salisbury	60	0	60	0	0	0	0	60	0	60
Rowan	Trinity Oaks	115	0	115	0	0	0	0	115	61	54
Rowan Totals		984	0	984	0	0	0	0	984	160	824
Rutherford	Fair Haven Home	30	0	30	0	0	0	0	30	0	30
Rutherford	Fair Haven of Forest City	100	0	100	0	0	0	0	100	0	100
Rutherford	Oak Grove Healthcare Center	60	0	60	0	0	0	0	60	0	60
Rutherford	White Oak Manor-Rutherfordton	80	0	80	0	0	0	0	80	0	80
Rutherford	Willow Ridge of NC	150	0	150	0	0	0	0	150	0	150
Rutherford Totals		420	0	420	0	0	0	0	420	0	420
Sampson	Mary Gran Nursing Center	212	0	212	0	0	0	0	212	0	212
Sampson	Sampson Regional Medical Center **	0	30	30	0	0	0	0	30	0	30
Sampson	Southwood Nursing and Rehabilitation Center	100	0	100	0	0	0	0	100	0	100

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Sampson Totals		312	30	342	0	0	0	0	342	0	342
Scotland	Scotia Village	58	0	58	0	0	0	0	58	39	19
Scotland	Scottish Pines Rehabilitation and Nursing Center	149	0	149	0	0	0	0	149	0	149
Scotland Totals		207	0	207	0	0	0	0	207	39	168
Stanly	Bethany Woods Nursing and Rehabilitation Center	180	0	180	0	0	0	0	180	0	180
Stanly	Forrest Oakes Healthcare Center	60	0	60	0	0	0	0	60	0	60
Stanly	Stanly Manor	90	0	90	0	0	0	0	90	0	90
Stanly	Trinity Place	76	0	76	0	0	0	0	76	1	75
Stanly Totals		406	0	406	0	0	0	0	406	1	405
Stokes	Pioneer Community Hospital of Stokes	0	40	40	0	0	0	0	40	0	40
Stokes	Universal Health Care/King	96	0	96	0	0	0	0	96	0	96
Stokes	Village Care of King	96	0	96	0	0	0	0	96	0	96
Stokes	Walnut Cove Health and Rehabilitation Center	90	0	90	0	0	0	0	90	0	90
Stokes Totals		282	40	322	0	0	0	0	322	0	322
Surry	Central Continuing Care	120	0	120	0	0	0	0	120	0	120
Surry	Chatham Nursing & Rehabilitation	99	0	99	0	0	0	0	99	0	99
Surry	Golden LivingCenter - Surry Community	120	0	120	0	0	0	0	120	0	120
Surry	Northern Hospital of Surry County	0	33	33	0	0	0	0	33	0	33
Surry	PruittHealth-Elkin	100	0	100	0	0	0	0	100	0	100
Surry Totals		439	33	472	0	0	0	0	472	0	472
Swain	Mountain View Manor Nursing Center	120	0	120	0	0	0	0	120	0	120
Swain Totals		120	0	120	0	0	0	0	120	0	120
Transylvania	Brian Center Health & Rehabilitation/Brevard	147	0	147	0	0	0	0	147	0	147
Transylvania	The Oaks-Brevard	110	0	110	0	0	0	0	110	0	110
Transylvania	Transylvania Regional Hospital, Inc. And Bridgeway	0	10	10	0	0	0	0	10	0	10
Transylvania Totals		257	10	267	0	0	0	0	267	0	267
Union	Autumn Care of Marshville	110	0	110	0	0	0	0	110	0	110
Union	Brian Center Health & Retirement/Monroe	60	0	60	0	0	0	0	60	0	60
Union	Carolinas HealthCare System Union	0	70	70	0	0	0	0	70	0	70
Union	Lake Park Nursing and Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Union	Monroe Rehabilitation Center	147	0	147	0	0	0	0	147	0	147
Union	PruittHealth-Union Pointe	90	0	90	0	0	0	0	90	0	90
Union	White Oak Manor of Waxhaw	100	0	100	0	0	0	0	100	0	100
Union Totals		627	70	697	0	0	0	0	697	0	697
Vance	Kerr Lake Nursing and Rehabilitation Center	92	0	92	0	0	0	0	92	0	92
Vance	Kindred Nursing and Rehabilitation-Henderson	78	0	78	0	0	0	0	78	0	78
Vance	Senior Citizen's Home	60	0	60	0	0	0	0	60	0	60

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Vance Totals		230	0	230	0	0	0	0	230	0	230
Wake	2011 SMFP Need Determination (CON decisions under appeal.)	0	0	0	0	0	0	120	120	0	120
Wake	BellaRose Nursing & Rehab Center	0	0	0	100	0	0	0	100	0	100
Wake	Brittany Place	16	0	16	0	0	0	0	16	16	0
Wake	Britthaven of Holly Springs (90 bed transfer from Tower Nursing.)	0	0	0	0	0	90	0	90	0	90
Wake	Capital Nursing & Rehabilitation Center	125	0	125	0	0	0	0	125	0	125
Wake	Cary Health and Rehabilitation Center	120	0	120	0	0	0	0	120	0	120
Wake	Dan E. & Mary Louise Stewart Health Center of Springmoor	173	0	173	0	0	0	0	173	173	0
Wake	Glenaire	71	0	71	0	0	0	0	71	51	20
Wake	Hillcrest Raleigh at Crabtree Valley	134	0	134	0	0	0	0	134	0	134
Wake	Hillside Nursing Center of Wake Forest	130	0	130	0	0	0	0	130	0	130
Wake	Litchford Falls Healthcare and Rehabilitation Center (90 bed transfer to Universal Health Care-Wake Forest.)	90	0	90	0	0	-90	0	0	0	0
Wake	PruittHealth-Raleigh	150	0	150	0	0	18	0	168	0	168
Wake	Raleigh Rehabilitation Center	157	0	157	0	0	0	0	157	0	157
Wake	Rex Hospital	0	120	120	0	0	0	0	120	0	120
Wake	Rex Rehabilitation and Nursing Care Center of Apex	107	0	107	0	0	0	0	107	0	107
Wake	Sunnybrook Rehabilitation Center	95	0	95	0	0	0	0	95	0	95
Wake	The Cardinal at North Hills	0	0	0	15	0	0	0	15	15	0
Wake	The Laurels of Forest Glen	120	0	120	0	0	0	0	120	0	120
Wake	The Oaks at Whitaker Glen-Mayview	139	0	139	0	0	0	0	139	0	139
Wake	The Rosewood Health Center	36	0	36	0	0	0	0	36	36	0
Wake	Tower Nursing and Rehabilitation Center (90 bed transfer to Britthaven of Holly Springs)	180	0	180	0	0	-90	0	90	0	90
Wake	Universal Health Care- Wake Forest (90 bed transfer from Litchford Falls, 9 beds from Universal Health Care-Nash, and 20 beds from Universal Health Care-Oxford.)	0	0	0	0	0	119	0	119	0	119
Wake	Universal Health Care/Fuquay-Varina	100	0	100	0	0	0	0	100	0	100
Wake	Universal Health Care/North Raleigh	132	0	132	0	0	0	0	132	0	132
Wake	WakeMed ** ***	0	19	19	0	0	-19	0	0	0	0
Wake	WakeMed Cary Hospital ** ***	0	36	36	0	0	-36	0	0	0	0
Wake	Wellington Rehabilitation and Healthcare	80	0	80	0	0	0	0	80	0	80
Wake	Windsor Point Continuing Care Retirement Community	45	0	45	0	0	0	0	45	45	0
Wake	Zebulon Rehabilitation Center	60	0	60	0	0	0	0	60	0	60
Wake Totals		2,260	175	2,435	115	0	-8	120	2,662	336	2,326
Warren	Warren Hills Nursing Center	140	0	140	0	0	0	0	140	0	140
Warren Totals		140	0	140	0	0	0	0	140	0	140

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Washington	Roanoke Landing Nursing and Rehabilitation Center	114	0	114	0	0	0	0	114	0	114
Washington Totals		114	0	114	0	0	0	0	114	0	114
Watauga	Blowing Rock Rehab Davant Extended Care Ctr	72	0	72	20	0	0	0	92	0	92
Watauga	Glenbridge Health and Rehabilitation Center	134	0	134	0	0	0	0	134	0	134
Watauga Totals		206	0	206	20	0	0	0	226	0	226
Wayne	Brian Center Health and Rehabilitation/Goldsboro	130	0	130	0	0	0	0	130	0	130
Wayne	Mount Olive Center	150	0	150	0	0	0	0	150	0	150
Wayne	O'Berry Center *	96	0	96	0	0	0	0	96	96	0
Wayne	Willow Creek Nursing & Rehabilitation Center	200	0	200	0	0	0	0	200	0	200
Wayne Totals		576	0	576	0	0	0	0	576	96	480
Wilkes	Avante at Wilkesboro	120	0	120	0	0	0	0	120	0	120
Wilkes	Westwood Hills Nursing & Rehabilitation Center	176	0	176	0	0	0	0	176	0	176
Wilkes	Wilkes Regional Medical Center	0	10	10	0	0	0	0	10	0	10
Wilkes	Wilkes Senior Village	111	0	111	0	0	0	0	111	0	111
Wilkes Totals		407	10	417	0	0	0	0	417	0	417
Wilson	Avante at Wilson	110	0	110	0	0	0	0	110	0	110
Wilson	Brian Center Health & Rehabilitation/Wilson	99	0	99	0	0	0	0	99	0	99
Wilson	Longleaf Neuro-Medical Treatment Center *	231	0	231	0	0	0	0	231	231	0
Wilson	Wilson Pines Nursing and Rehabilitation Center	95	0	95	0	0	0	0	95	0	95
Wilson	Wilson Rehabilitation and Nursing Center	90	0	90	0	0	0	0	90	0	90
Wilson Totals		625	0	625	0	0	0	0	625	231	394
Yadkin	Willowbrook Rehabilitation and Care Center	76	0	76	0	0	0	0	76	0	76
Yadkin	Yadkin Nursing Care Center	147	0	147	0	0	0	0	147	0	147
Yadkin Totals		223	0	223	0	0	0	0	223	0	223
Yancey	Smoky Ridge Health & Rehabilitation	140	0	140	0	0	0	0	140	0	140
Yancey Totals		140	0	140	0	0	0	0	140	0	140

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

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Total Licensed Beds	CON Approved/License Pending			Available in SMFP	Total Available Beds	Sum of Exclusions	Total Planning Inventory
					Nursing Home	Hospital	CON Bed Transfer				
Grand Totals		44,675	1,285	45,960	405	0	-37	160	46,488	3,060	43,428

Note: Methodology Inventory Identifiers

* State or federal facility

** Facilities whose beds are licensed, but whose occupancy is reported as 0 due to renovation, replacement, and/or a decision not to decertify beds. These beds are counted in the planning inventory.

Note: Methodology Planning Inventory Exclusion Reminders

* State and federal facilities excluded from planning inventory

-- Head injury beds, ventilator beds, bed transfers from state psychiatric hospitals, and a percentage of out-of-area placements in non-profit religious/fraternal facilities are excluded from the planning inventory.

- Continuing Care Retirement Communities (CCRCs) developed under policy NH-2 have 100% of their nursing home beds excluded from the planning inventory and occupancy calculation.

Note: Methodology Occupancy Reminders

* State and federal facilities are not counted in occupancy calculations.

** Facilities whose beds are licensed, but whose occupancy is reported as 0 due to renovation, replacement and/or a decision not to decertify beds, are counted in occupancy calculations.

*** Pursuant to policy AC-4, a total of 37 beds from two WakeMed nursing care facilities were approved for re-conversion to acute care beds at WakeMed Raleigh - 24 beds from WakeMed Cary Hospital's Fuquay-Varina Outpatient and Skilled Nursing Facility and 13 beds from WakeMed Zebulon/Wendell Outpatient and Skilled Nursing Facility. In addition, PruittHealth-Raleigh (formerly UniHealth Post-Acute Care) received approval to relocate 18 beds to its facility from these two WakeMed nursing care facilities - 12 beds from WakeMed Cary/Fuquay-Varina and 6 beds from WakeMed Zebulon/Wendell. After these re-conversions and transfers are complete, no beds will remain at WakeMed Cary/Fuquay-Varina (36) and WakeMed Zebulon/Wendell (19) nursing care facilities.

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015			
Alamance	797	803	766	759	756	152,531	153,029	153,642	155,788	157,624	5.2252	5.2474	4.9856	4.8720	4.7962	-0.0210	-0.0210	4.4941
Alexander	113	123	121	115	128	37,528	37,389	37,448	37,829	38,302	3.0111	3.2897	3.2311	3.0400	3.3419	0.0287	-0.0229	3.1118
Alleghany	80	76	78	77	85	11,069	10,971	11,029	11,111	11,159	7.2274	6.9274	7.0723	6.9301	7.6172	0.0146	-0.0229	7.0928
Anson	146	148	138	145	147	25,822	26,626	26,322	26,464	26,469	5.6541	5.5585	5.2428	5.4791	5.5537	-0.0038	-0.0038	5.4911
Ashe	162	110	119	117	109	27,423	27,361	27,442	27,448	27,482	5.9074	4.0203	4.3364	4.2626	3.9662	-0.0818	-0.0229	3.6932
Avery	90	96	92	96	90	17,834	17,764	17,866	17,895	17,902	5.0465	5.4042	5.1494	5.3646	5.0274	0.0007	0.0007	5.0374
Beaufort	255	254	260	259	250	47,854	47,901	47,791	47,714	47,718	5.3287	5.3026	5.4404	5.4282	5.2391	-0.0040	-0.0040	5.1763
Bertie	124	118	129	114	115	20,890	20,665	20,586	20,621	20,361	5.9359	5.7101	6.2664	5.5283	5.6481	-0.0092	-0.0092	5.4924
Bladen	175	164	165	157	154	35,148	35,200	35,219	35,113	35,152	4.9789	4.6591	4.6850	4.4713	4.3810	-0.0311	-0.0229	4.0794
Brunswick	475	456	449	443	404	110,140	112,597	115,666	117,852	121,577	4.3127	4.0498	3.8819	3.7590	3.3230	-0.0625	-0.0229	3.0942
Buncombe	1,628	1,507	1,567	1,596	1,498	243,354	244,969	248,929	251,271	254,344	6.6898	6.1518	6.2950	6.3517	5.8897	-0.0302	-0.0302	5.3557
Burke	476	485	490	462	428	90,722	89,977	89,552	89,198	89,198	5.2468	5.3903	5.4717	5.1795	4.7983	-0.0211	-0.0211	4.4941
Cabarrus	607	593	581	587	562	181,253	183,565	186,502	191,080	195,999	3.3489	3.2305	3.1152	3.0720	2.8674	-0.0379	-0.0229	2.6700
Caldwell	342	357	359	336	327	83,117	82,605	82,536	82,447	82,391	4.1147	4.3218	4.3496	4.0753	3.9689	-0.0081	-0.0081	3.8724
Camden *	0	0	0	0	0	9,921	9,922	10,040	10,239	10,349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Carteret	288	246	270	312	299	66,748	67,372	68,222	69,358	69,530	4.3147	3.6514	3.9577	4.4984	4.3003	0.0057	-0.0229	4.0043
Caswell	128	132	130	137	135	23,654	23,492	23,736	23,606	23,643	5.4113	5.6189	5.4769	5.8036	5.7099	0.0141	-0.0229	5.3169
Catawba	712	579	684	655	653	154,992	155,494	155,463	155,832	156,182	4.5938	3.7236	4.3998	4.2032	4.1810	-0.0144	-0.0144	3.9998
Chatham	346	380	357	356	364	64,553	66,545	67,638	68,726	69,851	5.3599	5.7104	5.2781	5.1800	5.2111	-0.0057	-0.0057	5.1216
Cherokee	175	185	173	181	172	27,300	27,030	27,156	27,360	27,487	6.4103	6.8442	6.3706	6.6155	6.2575	-0.0043	-0.0043	6.1769
Chowan	127	101	94	91	92	14,796	14,743	14,806	14,637	14,670	8.5834	6.8507	6.3488	6.2171	6.2713	-0.0718	-0.0229	5.8396
Clay	64	70	82	80	71	10,460	10,520	10,628	10,750	10,886	6.1185	6.6540	7.7155	7.4419	6.5221	0.0220	-0.0229	6.0731
Cleveland	530	497	485	468	438	98,209	97,702	97,442	97,910	98,246	5.3967	5.0869	4.9773	4.7799	4.4582	-0.0465	-0.0229	4.1513
Columbus	281	270	280	280	255	57,657	57,862	57,536	57,645	57,579	4.8736	4.6663	4.8665	4.8573	4.4287	-0.0224	-0.0224	4.1305
Craven	389	389	389	385	395	98,748	99,323	98,121	104,513	105,052	3.9393	3.9165	3.9645	3.6838	3.7600	-0.0109	-0.0109	3.6370
Cumberland	960	976	997	985	965	300,230	301,878	303,933	329,411	331,238	3.1975	3.2331	3.2803	2.9902	2.9133	-0.0221	-0.0221	2.7201
Currituck	92	81	81	85	84	23,643	23,767	24,055	24,958	25,616	3.8912	3.4081	3.3673	3.4057	3.2792	-0.0405	-0.0229	3.0535
Dare	53	59	73	65	63	34,216	34,810	35,182	35,373	35,579	1.5490	1.6949	2.0749	1.8376	1.7707	0.0419	-0.0229	1.6488
Davidson	718	698	710	721	666	163,364	163,410	163,826	164,464	164,927	4.3951	4.2715	4.3339	4.3839	4.0382	-0.0202	-0.0202	3.7933
Davie	166	174	183	167	164	41,560	41,412	41,524	41,474	41,475	3.9942	4.2017	4.4071	4.0266	3.9542	-0.0009	-0.0009	3.9438
Duplin	221	213	235	246	230	59,476	60,059	60,122	60,126	60,446	3.7158	3.5465	3.9087	4.0914	3.8050	0.0083	-0.0229	3.5431
Durham	1,106	1,225	1,099	1,111	1,105	272,314	282,511	286,142	292,194	297,807	4.0615	4.3361	3.8408	3.8023	3.7105	-0.0202	-0.0202	3.4856
Edgecombe	286	284	282	266	258	56,089	56,085	55,723	55,474	55,394	5.0990	5.0637	5.0607	4.7950	4.6575	-0.0222	-0.0222	4.3477
Forsyth	1,330	1,311	1,283	1,305	1,221	354,878	357,767	360,589	364,258	367,853	3.7478	3.6644	3.5581	3.5826	3.3193	-0.0295	-0.0295	3.0258
Franklin	209	206	175	189	183	61,651	61,840	62,720	63,217	63,848	3.3901	3.3312	2.7902	2.9897	2.8662	-0.0374	-0.0229	2.6689
Gaston	905	887	882	871	860	207,506	208,582	209,606	210,745	211,936	4.3613	4.2525	4.2079	4.1330	4.0578	-0.0179	-0.0179	3.8404
Gates	47	55	54	57	47	11,944	11,830	11,654	11,947	11,914	3.9350	4.6492	4.6336	4.7711	3.9449	0.0087	-0.0229	3.6734
Graham	64	66	65	72	73	8,942	8,850	8,845	8,840	8,890	7.1572	7.4576	7.3488	8.1448	8.2115	0.0360	-0.0229	7.6462
Granville	202	204	187	204	217	60,863	56,748	57,925	58,102	58,280	3.3189	3.5948	3.2283	3.5111	3.7234	0.0323	-0.0229	3.4671
Greene	104	103	94	104	99	21,489	21,363	21,081	21,283	21,309	4.8397	4.8214	4.4590	4.8865	4.6459	-0.0081	-0.0081	4.5334
Guilford	2,204	2,121	2,133	2,102	2,056	495,231	502,190	507,578	512,281	516,415	4.4504	4.2235	4.2023	4.1032	3.9813	-0.0273	-0.0273	3.6549

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015			
Halifax	299	293	294	284	280	54,397	54,237	53,718	53,189	52,876	5.4966	5.4022	5.4730	5.3394	5.2954	-0.0092	-0.0092	5.1496
Harnett	385	303	362	378	364	115,665	117,850	119,374	125,717	127,986	3.3286	2.5711	3.0325	3.0068	2.8441	-0.0277	-0.0277	2.6079
Haywood	397	428	402	418	428	59,684	59,291	59,690	59,913	60,178	6.6517	7.2186	6.7348	6.9768	7.1122	0.0184	-0.0229	6.6226
Henderson	806	814	796	804	788	108,448	108,183	109,305	110,903	112,116	7.4321	7.5243	7.2824	7.2496	7.0284	-0.0137	-0.0137	6.7398
Hertford	145	145	142	130	126	24,466	24,451	24,558	24,595	24,501	5.9266	5.9302	5.7822	5.2856	5.1426	-0.0343	-0.0229	4.7886
Hoke	125	126	124	119	115	46,896	47,471	47,756	50,987	51,568	2.6655	2.6543	2.5965	2.3339	2.2301	-0.0429	-0.0229	2.0765
Hyde	51	56	57	51	50	5,815	5,742	5,801	5,743	5,735	8.7704	9.7527	9.8259	8.8804	8.7184	0.0013	0.0013	8.7513
Iredell	863	538	561	528	539	161,522	163,043	165,025	167,161	169,281	5.3429	3.2997	3.3995	3.1586	3.1841	-0.1037	-0.0229	2.9649
Jackson	168	166	156	149	139	40,606	40,788	40,812	41,032	41,279	4.1373	4.0698	3.8224	3.6313	3.3673	-0.0499	-0.0229	3.1355
Johnston	501	493	498	484	480	172,570	174,839	177,372	180,050	183,309	2.9032	2.8197	2.8077	2.6881	2.6185	-0.0254	-0.0254	2.4192
Jones	63	61	55	54	59	10,327	10,615	10,554	10,470	10,490	6.1005	5.7466	5.2113	5.1576	5.6244	-0.0177	-0.0177	5.3251
Lee	189	174	229	250	254	58,304	59,111	59,356	59,205	59,202	3.2416	2.9436	3.8581	4.2226	4.2904	0.0823	-0.0229	3.9950
Lenoir	276	266	274	315	310	59,314	59,401	59,063	58,826	58,780	4.6532	4.4780	4.6391	5.3548	5.2739	0.0344	-0.0229	4.9108
Lincoln	279	282	290	253	262	79,026	79,267	79,768	80,202	80,810	3.5305	3.5576	3.6355	3.1545	3.2422	-0.0187	-0.0187	3.0600
Macon	186	171	150	164	88	34,459	33,985	34,149	34,432	34,851	5.3977	5.0316	4.3925	4.7630	2.5250	-0.1451	-0.0229	2.3512
Madison	176	176	164	171	169	21,193	21,192	21,370	21,584	21,728	8.3046	8.3050	7.6743	7.9225	7.7780	-0.0154	-0.0154	7.4175
Martin	118	106	118	111	108	24,083	24,020	23,755	23,714	23,604	4.8997	4.4130	4.9674	4.6808	4.5755	-0.0135	-0.0135	4.3905
McDowell	219	229	216	217	204	45,462	45,288	45,245	45,320	45,380	4.8172	5.0565	4.7740	4.7882	4.4954	-0.0161	-0.0161	4.2783
Mecklenburg	2,544	2,516	2,584	2,673	2,729	939,889	962,388	991,191	1,013,290	1,032,620	2.7067	2.6143	2.6070	2.6379	2.6428	-0.0058	-0.0058	2.5968
Mitchell	103	103	102	108	109	15,501	15,396	15,388	15,830	15,826	6.6447	6.6900	6.6285	6.8225	6.8874	0.0091	-0.0229	6.4133
Montgomery	83	101	93	96	98	27,864	27,914	27,775	27,819	27,842	2.9788	3.6183	3.3483	3.4509	3.5199	0.0477	-0.0229	3.2776
Moore	593	587	585	613	549	88,550	89,799	90,864	93,079	94,218	6.6968	6.5368	6.4382	6.5858	5.8269	-0.0328	-0.0229	5.4258
Nash	440	433	435	428	368	96,122	95,533	94,776	94,528	94,331	4.5775	4.5325	4.5898	4.5278	3.9012	-0.0373	-0.0229	3.6326
New Hanover	787	874	890	936	907	206,774	209,371	213,222	216,951	220,108	3.8061	4.1744	4.1741	4.3143	4.1207	0.0214	-0.0229	3.8370
Northampton	127	128	120	130	110	21,844	21,514	21,218	21,218	21,095	5.8140	5.9496	5.6556	6.1269	5.2145	-0.0229	-0.0229	4.8560
Onslow	259	254	256	245	232	151,643	159,287	162,796	193,221	194,607	1.7080	1.5946	1.5725	1.2680	1.1921	-0.0834	-0.0229	1.1101
Orange	386	308	307	298	284	135,776	138,575	139,738	139,930	141,599	2.8429	2.2226	2.1970	2.1296	2.0057	-0.0796	-0.0229	1.8676
Pamlico	52	57	54	76	68	13,214	13,190	13,071	13,137	13,158	3.9352	4.3215	4.1313	5.7852	5.1680	0.0869	-0.0229	4.8122
Pasquotank	244	229	222	228	212	39,705	39,141	38,441	39,655	39,951	6.1453	5.8506	5.7751	5.7496	5.3065	-0.0356	-0.0229	4.9412
Pender	230	230	230	232	234	53,437	54,390	55,587	56,540	57,693	4.3041	4.2287	4.1377	4.1033	4.0560	-0.0147	-0.0147	3.8768
Perquimans	64	52	62	57	58	13,537	13,660	13,735	13,627	13,566	4.7278	3.8067	4.5140	4.1829	4.2754	-0.0151	-0.0151	4.0822
Person	176	168	175	182	181	39,700	39,197	39,189	39,268	39,322	4.4332	4.2860	4.4655	4.6348	4.6030	0.0099	-0.0229	4.2861
Pitt	513	495	493	503	388	170,263	172,618	173,938	174,414	175,390	3.0130	2.8676	2.8343	2.8839	2.2122	-0.0688	-0.0229	2.0599
Polk	188	194	194	191	183	20,453	20,262	20,528	20,755	20,848	9.1918	9.5746	9.4505	9.2026	8.7778	-0.0109	-0.0109	8.4901
Randolph	633	641	635	635	640	142,901	142,594	142,614	143,079	143,666	4.4296	4.4953	4.4526	4.4381	4.4548	0.0015	0.0015	4.4742
Richmond	196	192	162	191	162	46,459	46,258	46,053	45,543	45,521	4.2188	4.1506	3.5177	4.1938	3.5588	-0.0320	-0.0229	3.3138
Robeson	479	499	385	479	476	134,651	134,433	133,984	133,562	133,257	3.5573	3.7119	2.8735	3.5863	3.5720	0.0154	-0.0229	3.3261
Rockingham	577	536	544	540	534	93,558	92,873	92,259	92,557	92,543	6.1673	5.7713	5.8964	5.8342	5.7703	-0.0160	-0.0160	5.4932
Rowan	845	820	849	849	833	138,309	138,242	138,708	138,709	138,710	6.1095	5.9316	6.1208	6.1207	6.0053	-0.0040	-0.0040	5.9329
Rutherford	385	369	374	345	354	68,392	67,932	67,764	67,600	67,466	5.6293	5.4319	5.5192	5.1036	5.2471	-0.0165	-0.0165	4.9866
Sampson	299	283	252	237	223	63,746	64,151	64,335	64,400	64,516	4.6905	4.4115	3.9170	3.6801	3.4565	-0.0732	-0.0229	3.2186

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015			
Scotland	173	100	185	178	168	36,029	36,366	36,231	36,059	35,804	4.8017	2.7498	5.1061	4.9364	4.6922	0.0867	-0.0229	4.3692
Stanly	381	378	364	372	350	60,936	60,477	60,631	61,061	61,255	6.2525	6.2503	6.0035	6.0923	5.7138	-0.0218	-0.0218	5.3403
Stokes	287	303	307	296	300	47,551	47,068	46,747	46,786	46,787	6.0356	6.4375	6.5673	6.3267	6.4120	0.0159	-0.0229	5.9706
Surry	426	422	433	437	431	73,575	73,718	73,367	73,840	73,834	5.7900	5.7245	5.9018	5.9182	5.8374	0.0022	0.0022	5.8759
Swain	86	78	88	97	93	14,263	14,494	14,596	14,829	14,987	6.0296	5.3815	6.0290	6.5412	6.2054	0.0116	-0.0229	5.7782
Transylvania	226	211	189	208	219	33,275	33,022	33,222	33,440	33,738	6.7919	6.3897	5.6890	6.2201	6.4912	-0.0080	-0.0080	6.3357
Tyrrell *	0	0	0	0	0	4,342	4,174	4,142	4,135	4,142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Union	575	539	542	517	530	205,717	207,872	211,558	215,956	220,546	2.7951	2.5929	2.5619	2.3940	2.4031	-0.0365	-0.0229	2.2377
Vance	224	213	211	215	213	45,558	45,530	45,070	45,078	45,022	4.9168	4.6782	4.6816	4.7695	4.7310	-0.0093	-0.0093	4.5994
Wake	1,879	1,929	1,950	2,026	1,969	925,083	944,733	963,973	985,320	1,005,367	2.0312	2.0418	2.0229	2.0562	1.9585	-0.0088	-0.0088	1.9070
Warren	122	116	120	111	124	20,883	20,674	20,457	20,524	20,514	5.8421	5.6109	5.8660	5.4083	6.0447	0.0114	-0.0229	5.6285
Washington	110	106	95	99	104	13,060	12,821	12,830	12,682	12,646	8.4227	8.2677	7.4045	7.8063	8.2239	-0.0038	-0.0038	8.1312
Watauga	156	173	108	168	165	52,111	52,517	52,692	52,923	53,314	2.9936	3.2942	2.0496	3.1744	3.0949	0.0616	-0.0229	2.8818
Wayne	439	463	446	453	425	120,442	121,319	121,421	125,689	125,912	3.6449	3.8164	3.6732	3.6041	3.3754	-0.0182	-0.0182	3.1912
Wilkes	383	376	374	378	375	69,592	69,755	69,774	69,890	70,000	5.5035	5.3903	5.3602	5.4085	5.3571	-0.0067	-0.0067	5.2501
Wilson	361	341	334	342	358	81,380	81,796	81,419	81,405	81,677	4.4360	4.1689	4.1022	4.2012	4.3831	-0.0022	-0.0022	4.3543
Yadkin	202	202	202	198	201	38,442	38,247	38,146	37,846	37,655	5.2547	5.2815	5.2954	5.2317	5.3379	0.0040	0.0040	5.4021
Yancey	107	116	100	95	85	18,069	17,874	17,919	17,915	17,915	5.9217	6.4899	5.5807	5.3028	4.7446	-0.0498	-0.0229	4.4180
State Total	38,763	37,764	37,730	38,100	37,023	9,589,952	9,683,675	9,779,863	9,953,687	10,054,722	4.0420	3.8998	3.8579	3.8277	3.6822	-0.0229		

* Camden and Tyrrell have no Nursing Care Beds.

Table 10C: Nursing Care Bed Need Projections for 2020

County	Bed Rate per 1,000	2020 Population (Civilian)	Projected Bed Utilization	Projected Bed Utilization with Vacancy Factor*	Licensed Plus Previous Allocations	Exclusions**	Total Inventory	Surplus/ - Deficit	Deficit Index	Occupancy Rate***	Bed Need
Alamance	4.4941	167,370	752	792	888	71	817	25		86.5	0
Alexander	3.1118	40,254	125	132	183	49	134	2		70.2	0
Alleghany	7.0928	11,460	81	86	90	0	90	4		90.0	0
Anson	5.4911	26,465	145	153	161	0	161	8		91.3	0
Ashe	3.6932	27,623	102	107	210	0	210	103		52.4	0
Avery	5.0374	17,903	90	95	128	0	128	33		69.7	0
Beaufort	5.1763	47,718	247	260	290	0	290	30		85.4	0
Bertie	5.4924	19,058	105	110	142	0	142	32		82.3	0
Bladen	4.0794	35,355	144	152	194	0	194	42		85.6	0
Brunswick	3.0942	137,032	424	446	628	0	628	182		82.4	0
Buncombe	5.3557	269,687	1,444	1,520	1,950	321	1,629	109		89.9	0
Burke	4.4941	89,196	401	422	556	25	531	109		88.7	0
Cabarrus	2.6700	217,017	579	610	691	24	667	57		81.5	0
Caldwell	3.8724	82,226	318	335	400	0	400	65		81.2	0
Carteret	4.0043	69,512	278	293	424	0	424	131		79.2	0
Caswell	5.3169	23,632	126	132	157	0	157	25		86.4	0
Catawba	3.9998	157,932	632	665	759	45	714	49		89.7	0
Chatham	5.1216	75,494	387	407	510	130	380	-27	-6.63%	58.8	0
Cherokee	6.1769	27,650	171	180	210	0	210	30		84.0	0
Chowan	5.8396	14,668	86	90	130	0	130	40		69.2	0
Clay	6.0731	10,965	67	70	90	0	90	20		83.5	0
Cleveland	4.1513	99,359	412	434	554	0	554	120		79.3	0
Columbus	4.1305	57,579	238	250	323	0	323	73		88.6	0
Craven	3.6370	103,064	375	395	461	0	461	66		83.2	0
Cumberland	2.7201	313,419	853	897	1,179	150	1,029	132		88.9	0
Currituck	3.0535	28,334	87	91	100	0	100	9		82.3	0
Dare	1.6488	36,217	60	63	126	0	126	63		52.5	0
Davidson	3.7933	167,286	635	668	794	45	749	81		92.7	0
Davie	3.9438	41,469	164	172	228	0	228	56		72.9	0
Duplin	3.5431	62,035	220	231	272	0	272	41		90.1	0
Durham	3.4856	325,799	1,136	1,195	1,342	206	1,136	-59	-4.97%	86.8	0

Table 10C: Nursing Care Bed Need Projections for 2020

County	Bed Rate per 1,000	2020 Population (Civilian)	Projected Bed Utilization	Projected Bed Utilization with Vacancy Factor*	Licensed Plus Previous Allocations	Exclusions**	Total Inventory	Surplus/ - Deficit	Deficit Index	Occupancy Rate***	Bed Need
Edgecombe	4.3477	54,937	239	251	307	0	307	56		88.1	0
Forsyth	3.0258	387,682	1,173	1,235	1,708	212	1,496	261		84.5	0
Franklin	2.6689	66,881	178	188	258	0	258	70		72.0	0
Gaston	3.8404	219,206	842	886	984	50	934	48		88.3	0
Gates	3.6734	11,915	44	46	70	0	70	24		81.7	0
Graham	7.6462	9,226	71	74	80	0	80	6		81.6	0
Granville	3.4671	59,236	205	216	220	0	220	4		89.2	0
Greene	4.5334	21,310	97	102	115	0	115	13		83.8	0
Guilford	3.6549	534,859	1,955	2,058	2,441	206	2,235	177		88.1	0
Halifax	5.1496	51,330	264	278	343	0	343	65		87.2	0
Harnett	2.6079	134,805	352	370	425	0	425	55		89.7	0
Haywood	6.6226	61,476	407	429	475	0	475	46		90.7	0
Henderson	6.7398	117,942	795	837	912	0	912	75		87.6	0
Hertford	4.7886	24,121	116	122	151	0	151	29		83.2	0
Hoke	2.0765	54,789	114	120	132	0	132	12		78.5	0
Hyde	8.7513	5,671	50	52	80	0	80	28		60.7	0
Iredell	2.9649	179,888	533	561	653	0	653	92		88.2	0
Jackson	3.1355	42,477	133	140	200	0	200	60		72.2	0
Johnston	2.4192	201,850	488	514	615	0	615	101		98.3	0
Jones	5.3251	10,615	57	60	80	0	80	20		71.5	0
Lee	3.9950	59,242	237	249	294	0	294	45		28.7	0
Lenoir	4.9108	58,533	287	303	407	100	307	4		54.4	0
Lincoln	3.0600	83,849	257	270	300	0	300	30		90.4	0
Macon	2.3512	36,974	87	92	280	0	280	188		32.6	0
Madison	7.4175	22,467	167	175	180	0	180	5		93.4	0
Martin	4.3905	23,059	101	107	154	0	154	47		69.0	0
McDowell	4.2783	45,615	195	205	250	0	250	45		85.1	0
Mecklenburg	2.5968	1,141,758	2,965	3,121	3,300	343	2,957	-164	-5.25%	86.0	0
Mitchell	6.4133	16,074	103	109	127	0	127	18		89.3	0
Montgomery	3.2776	27,946	92	96	141	0	141	45		71.6	0
Moore	5.4258	98,173	533	561	720	44	676	115		83.4	0

Table 10C: Nursing Care Bed Need Projections for 2020

County	Bed Rate per 1,000	2020 Population (Civilian)	Projected Bed Utilization	Projected Bed Utilization with Vacancy Factor*	Licensed Plus Previous Allocations	Exclusions**	Total Inventory	Surplus/ - Deficit	Deficit Index	Occupancy Rate***	Bed Need
Nash	3.6326	93,380	339	357	458	0	458	101		89.3	0
New Hanover	3.8370	235,248	903	950	1,059	18	1,041	91		88.5	0
Northampton	4.8560	20,416	99	104	149	0	149	45		80.7	0
Onslow	1.1101	171,633	191	201	359	0	359	158		65.6	0
Orange	1.8676	149,922	280	295	489	30	459	164		79.4	0
Pamlico	4.8122	13,293	64	67	96	0	96	29		75.5	0
Pasquotank	4.9412	39,520	195	206	278	22	256	50		85.2	0
Pender	3.8768	62,799	243	256	253	0	253	-3	-1.28%	93.1	0
Perquimans	4.0822	13,698	56	59	78	0	78	19		75.3	0
Person	4.2861	39,588	170	179	200	0	200	21		91.0	0
Pitt	2.0599	179,778	370	390	570	30	540	150		91.0	0
Polk	8.4901	21,336	181	191	221	52	169	-22	-11.37%	87.5	0
Randolph	4.4742	146,606	656	690	720	0	720	30		91.0	0
Richmond	3.3138	45,331	150	158	276	0	276	118		72.6	0
Robeson	3.3261	131,710	438	461	525	24	501	40		90.2	0
Rockingham	5.4932	92,544	508	535	595	0	595	60		90.5	0
Rowan	5.9329	138,710	823	866	984	160	824	-42	-4.88%	88.9	0
Rutherford	4.9866	67,046	334	352	420	0	420	68		92.4	0
Sampson	3.2186	65,108	210	221	342	0	342	121		67.1	0
Scotland	4.3692	34,482	151	159	207	39	168	9		82.7	0
Stanly	5.3403	62,494	334	351	406	1	405	54		95.2	0
Stokes	5.9706	46,786	279	294	322	0	322	28		91.0	0
Surry	5.8759	73,835	434	457	472	0	472	15		94.5	0
Swain	5.7782	15,758	91	96	120	0	120	24		77.3	0
Transylvania	6.3357	35,284	224	235	267	0	267	32		82.0	0
Union	2.2377	243,620	545	574	697	0	697	123		87.8	0
Vance	4.5994	44,867	206	217	230	0	230	13		93.9	0
Wake	1.9070	1,104,802	2,107	2,218	2,662	336	2,326	108		88.3	0
Warren	5.6285	20,515	115	122	140	0	140	18		86.2	0
Washington	8.1312	12,313	100	105	114	0	114	9		90.1	0
Watauga	2.8818	55,264	159	168	226	0	226	58		83.5	0

Table 10C: Nursing Care Bed Need Projections for 2020

County	Bed Rate per 1,000	2020 Population (Civilian)	Projected Bed Utilization	Projected Bed Utilization with Vacancy Factor*	Licensed Plus Previous Allocations	Exclusions**	Total Inventory	Surplus/ - Deficit	Deficit Index	Occupancy Rate***	Bed Need
Wayne	3.1912	125,856	402	423	576	96	480	57		90.7	0
Wilkes	5.2501	70,586	371	390	417	0	417	27		90.7	0
Wilson	4.3543	84,198	367	386	625	231	394	8		86.1	0
Yadkin	5.4021	36,826	199	209	223	0	223	14		92.3	0
Yancey	4.4180	17,946	79	83	140	0	140	57		63.5	0
State Total		10,479,782	36,390	38,305	46,488	3,060	43,428				0

* Projected Bed Utilization with Vacancy Factor is calculated by dividing Projected Bed Utilization by 95%.

** NH-2 beds are 100% excluded.

*** Calculated using higher of the median or weighted mean.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional nursing care beds anywhere else in the state and no other reviews are scheduled as shown in Table 10D.

Table 10D: Nursing Care Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

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
It is determined that there is no need for additional nursing care beds anywhere 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 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 2017 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 2017 State Medical Facilities Plan will be addressed in the 2018 or subsequent Plans. Changes in inventory may also be made as a result of litigation.

In the fall of 2016, the adult care home inventory included 42,981 licensed beds in adult care homes, nursing homes and hospitals. An additional 1,285 beds had not, as yet, been licensed. These 1,285 “License Pending” beds had either been exempted from the moratorium on the development of additional adult care home beds; had been determined to be in the pipeline for development prior to the moratorium; had been set out in the terms of settlement agreements; or had received approval from Certificate of Need (CON) but were not yet licensed. In addition, 1,620 adult care home beds from currently licensed facilities will be transferred to CON-approved projects once completed. The “total inventory” of adult care home beds (*licensed + license pending + previously allocated*) was 44,276. Exclusions for one-half of the qualified adult care home beds in continuing care retirement communities (*Policy LTC-1 beds*) accounted for 237 excluded beds resulting in an adjusted “planning inventory” of 44,039 adult care home beds.

Changes from the Previous Plan

There have been no substantial changes in the application of the adult care home bed need methodology from that used in the 2016 State Medical Facilities Plan.

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 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 qualified 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 2012 through 2016 Renewal Application for License to Operate a Nursing Home, Nursing Care Supplements to the 2012 through 2016 Hospital License Renewal Applications, and 2012 through 2016 Licensure Renewal Application for Adult Care Homes.

<u>Age Group</u>	<u>Beds Per 1,000 Population</u>
Under 35	0.08
35-64	1.43
65-74	5.53
75-84	19.22
85 and Over	75.87

Sources of Data

Population Data:

Projected numbers of residents, by county and age group, for 2020 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 category of “Employment Status- Armed Forces” in the “Selected Economic Characteristics” portion of the American Community Survey 2014 5-year Estimates.

Utilization Data:

Data on utilization by age groups were compiled from the 2012 through 2016 "Renewal Applications for License to Operate a Nursing Home" combined with data from the 2012 through 2016 “Nursing Care Facility/Unit Beds Annual Data Supplement to Hospital License Applications,” combined with data from the 2012 through 2016 Licensure Renewal Application for Adult Care Homes 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 (2020).
- 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 2016 License 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. Ninety-eight counties in the state are separate adult care home planning areas. Two counties, Hyde and Tyrrell, are considered a combined service area.

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Alamance	A Vision Come True	0	0	12	12	0	0	0	0	12	0	12
Alamance	Alamance House	0	0	94	94	0	0	0	0	94	0	94
Alamance	Blakey Hall Assisted Living	0	0	72	72	0	0	0	0	72	0	72
Alamance	Brookdale Burlington AL (NC)	0	0	84	84	0	0	0	0	84	0	84
Alamance	Brookdale Burlington MC	0	0	52	52	0	0	0	0	52	0	52
Alamance	Burlington Care Center	0	0	12	12	0	0	0	0	12	0	12
Alamance	Edgewood Place at the Village at Brookwood	24	0	0	24	0	0	0	0	24	0	24
Alamance	Elon Village Home	0	0	12	12	0	0	0	0	12	0	12
Alamance	Golden Years Assisted Living	0	0	12	12	0	0	0	0	12	0	12
Alamance	Golden Years Assisted Living II	0	0	12	12	0	0	0	0	12	0	12
Alamance	Homeplace of Burlington	0	0	67	67	0	0	0	0	67	0	67
Alamance	Lane St. Retirement Home	0	0	12	12	0	0	0	0	12	0	12
Alamance	Liberty Commons Nursing & Rehab Ctr of Alamance Cty	48	0	0	48	0	0	0	0	48	0	48
Alamance	Mebane Ridge Assisted Living	0	0	100	100	0	0	0	0	100	0	100
Alamance	Pleasant Grove Retirement Home	0	0	12	12	0	0	0	0	12	0	12
Alamance	Springview - Brock Building	0	0	12	12	0	0	0	0	12	0	12
Alamance	Springview - Crouse Building	0	0	12	12	0	0	0	0	12	0	12
Alamance	Springview - Ross Building	0	0	12	12	0	0	0	0	12	0	12
Alamance	Springview - Stewart Building	0	0	12	12	0	0	0	0	12	0	12
Alamance	The Oaks of Alamance	0	0	69	69	0	0	0	0	69	0	69
Alamance	Twin Lakes Community Memory Care	16	0	0	16	0	0	0	0	16	7	9
Alamance Totals		88	0	670	758	0	0	0	0	758	7	751
Alexander	A New Outlook of Taylorsville	0	0	34	34	0	0	0	0	34	0	34
Alexander	Alexander Assisted Living	0	0	32	32	0	0	0	0	32	0	32
Alexander	Taylorsville House	0	0	60	60	0	0	0	0	60	0	60
Alexander Totals		0	0	126	126	0	0	0	0	126	0	126
Alleghany	Alleghany Center	22	0	0	22	0	0	0	0	22	0	22
Alleghany	Alleghany House	0	0	0	0	40	0	0	0	40	0	40
Alleghany Totals		22	0	0	22	40	0	0	0	62	0	62
Anson	Ambassador Rehab & Healthcare Center	53	0	0	53	0	0	0	0	53	0	53
Anson	Meadowview Terrace of Wadesboro	0	0	60	60	0	0	0	0	60	0	60
Anson Totals		53	0	60	113	0	0	0	0	113	0	113
Ashe	Ashe Assisted Living and Memory Care	0	0	55	55	0	0	0	0	55	0	55
Ashe	Forest Ridge	0	0	60	60	0	0	0	0	60	0	60
Ashe Totals		0	0	115	115	0	0	0	0	115	0	115
Avery	Cranberry House	0	0	60	60	0	0	0	0	60	0	60
Avery	The Heritage of Sugar Mountain	0	0	40	40	0	0	0	0	40	0	40
Avery Totals		0	0	100	100	0	0	0	0	100	0	100

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Beaufort	AG Dunston Manor	0	0	0	0	50	0	0	0	50	0	50
Beaufort	Autumnfield of Belhaven	0	0	64	64	0	0	0	0	64	0	64
Beaufort	Clara Manor	0	0	20	20	0	0	0	0	20	0	20
Beaufort	Pantego Rest Home	0	0	30	30	0	0	0	0	30	0	30
Beaufort	River Trace Nursing and Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Beaufort	Washington Manor	0	0	9	9	0	0	0	0	9	0	9
Beaufort	Willow Manor	0	0	34	34	0	0	0	0	34	0	34
Beaufort Totals		10	0	157	167	50	0	0	0	217	0	217
Bertie	Three Rivers Health and Rehab	20	0	0	20	0	0	0	0	20	0	20
Bertie	Windsor House	0	0	60	60	0	0	0	0	60	0	60
Bertie	Winston Gardens	0	0	25	25	0	0	0	0	25	0	25
Bertie Totals		20	0	85	105	0	0	0	0	105	0	105
Bladen	Bladen Manor Assisted Living	0	0	60	60	0	0	0	0	60	0	60
Bladen	Poplar Heights Center	30	0	0	30	0	0	0	0	30	0	30
Bladen	West Bladen Assisted Living	0	0	60	60	0	0	0	0	60	0	60
Bladen Totals		30	0	120	150	0	0	0	0	150	0	150
Brunswick	Arbor Landing at Ocan Isle	0	0	0	0	40	0	0	0	40	0	40
Brunswick	Autumn Care of Shallotte	10	0	0	10	0	0	0	0	10	0	10
Brunswick	Brunswick Cove Nursing Center	40	0	0	40	0	0	0	0	40	0	40
Brunswick	Calabash Manor	0	0	0	0	80	0	0	0	80	0	80
Brunswick	Carillon Assisted Living of Southport (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Brunswick	Leland House	0	0	78	78	0	0	0	0	78	0	78
Brunswick	Liberty Commons Assisted Living of Brunswick County	0	0	0	0	110	0	0	0	110	0	110
Brunswick	Ocean Trail Healthcare & Rehabilitation Center	17	0	0	17	0	0	0	0	17	0	17
Brunswick	Shallotte Assisted Living	0	0	80	80	0	0	0	0	80	0	80
Brunswick	The Brunswick Community	0	0	0	0	110	0	0	0	110	0	110
Brunswick Totals		67	0	254	321	340	0	0	0	661	0	661
Buncombe	Arbor Terrace of Asheville	0	0	70	70	0	0	0	0	70	0	70
Buncombe	Aston Park Health Care Center	19	0	0	19	0	0	0	0	19	0	19
Buncombe	Becky's Rest Home #1	0	0	15	15	0	0	0	0	15	0	15
Buncombe	Becky's Rest Home #2	0	0	15	15	0	0	0	0	15	0	15
Buncombe	Brian Center Health & Rehabilitation/Weaverville	10	0	0	10	0	0	0	0	10	0	10
Buncombe	Brookdale Asheville Overlook	0	0	79	79	0	0	0	0	79	0	79
Buncombe	Brookdale Asheville Walden Ridge	0	0	38	38	0	0	0	0	38	0	38
Buncombe	Candler Living Center	0	0	29	29	0	0	0	0	29	0	29
Buncombe	Canterbury Hills Adult Care Home (Bed transfer to The Crossings at Beaverdam)	0	0	99	99	0	-99	0	0	0	0	0
Buncombe	Chase Samaritan Assisted Living	0	0	54	54	0	0	0	0	54	0	54

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Buncombe	Chunn's Cove Assisted Living	0	0	67	67	0	0	0	0	67	0	67
Buncombe	Deerfield Episcopal Retirement Community	62	0	0	62	0	0	0	0	62	10	52
Buncombe	Emerald Ridge Rehabilitation & Care Center	14	0	0	14	0	0	0	0	14	0	14
Buncombe	Flesher's Fairview Health Care Center Inc	14	0	0	14	0	0	0	0	14	0	14
Buncombe	Flesher's Fairview Rest Home	0	0	64	64	0	0	0	0	64	0	64
Buncombe	Givens Health Center	14	0	0	14	0	0	0	0	14	0	14
Buncombe	Givens Highland Farms	30	0	0	30	0	0	0	0	30	0	30
Buncombe	Heather Glen At Ardenwoods	0	0	60	60	0	0	0	0	60	0	60
Buncombe	Hominy Valley Retirement Center	0	0	30	30	0	0	0	0	30	0	30
Buncombe	Marjorie McCune Memorial Center	0	0	64	64	0	0	0	0	64	0	64
Buncombe	Nana's Assisted Living Facility (Transfer to Winchester House (Henderson Co.))	0	0	49	49	0	-25	0	0	24	0	24
Buncombe	Richard A. Wood, Jr. Assisted Living Center	0	0	56	56	0	0	0	0	56	0	56
Buncombe	Richmond Hill Rest Home #1	0	0	12	12	0	0	0	0	12	0	12
Buncombe	Richmond Hill Rest Home #2	0	0	12	12	0	0	0	0	12	0	12
Buncombe	Richmond Hill Rest Home #3	0	0	12	12	0	0	0	0	12	0	12
Buncombe	Richmond Hill Rest Home #4	0	0	12	12	0	0	0	0	12	0	12
Buncombe	Richmond Hill Rest Home #5	0	0	12	12	0	0	0	0	12	0	12
Buncombe	The Crossings at Beaverdam (Bed transfer from Canterbury Hills)	0	0	0	0	0	99	0	0	99	0	99
Buncombe	The Laurels of Summit Ridge	63	0	0	63	0	0	0	0	63	0	63
Buncombe	The Oaks at Sweeten Creek	14	0	0	14	0	0	0	0	14	0	14
Buncombe	Trinity View	0	0	24	24	0	0	0	0	24	0	24
Buncombe	Western North Carolina Baptist Home	50	0	0	50	0	0	0	0	50	0	50
Buncombe	Windwood Assisted Living	0	0	12	12	0	0	0	0	12	0	12
Buncombe Totals		290	0	885	1,175	0	-25	0	0	1,150	10	1,140
Burke	Autumn Care of Drexel	20	0	0	20	0	0	0	0	20	0	20
Burke	Burke Long Term Care	0	0	24	24	0	0	0	0	24	0	24
Burke	Burkeview Manor (Repalcement facility.)	0	0	0	0	0	63	0	0	63	0	63
Burke	Cambridge House	0	0	60	60	0	0	0	0	60	0	60
Burke	Grace Ridge	47	0	0	47	0	0	0	0	47	0	47
Burke	Jonas Ridge Adult Care	0	0	57	57	0	0	0	0	57	0	57
Burke	Longview Assisted Living (Transfer to Burkeview Manor)	0	0	63	63	0	-63	0	0	0	0	0
Burke	McAlpine Adult Care	0	0	60	60	0	0	0	0	60	0	60
Burke	Morganton Long Term Care Facility	0	0	20	20	0	0	0	0	20	0	20
Burke	Morganton Long Term Care, Southview Facility	0	0	64	64	0	0	0	0	64	0	64
Burke Totals		67	0	348	415	0	0	0	0	415	0	415
Cabarrus	Brookdale Concord Parkway	0	0	112	112	0	0	0	0	112	0	112
Cabarrus	Brookdale Concord South	0	0	60	60	0	0	0	0	60	0	60

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Cabarrus	Cabarrus Manor (Replacement facility for Kannapolis Village and Concord House. Twenty-five bed transfer from St. Andrews.)	0	0	0	0	0	133	0	0	133	0	133
Cabarrus	Caremoor Retirement Center	0	0	30	30	0	0	0	0	30	0	30
Cabarrus	Carillon Assisted Living of Harrisburg	0	0	96	96	0	0	0	0	96	0	96
Cabarrus	Concord House (Bed transfer of 48 beds to replacement facility, Cabarrus Manor.)	0	0	48	48	0	-48	0	0	0	0	0
Cabarrus	Five Oaks Manor	24	0	0	24	0	0	0	0	24	0	24
Cabarrus	Kannapolis Village (Bed transfer to Cabarrus Manor)	0	0	60	60	0	-60	0	0	0	0	0
Cabarrus	Morningside of Concord	0	0	105	105	0	0	0	0	105	0	105
Cabarrus	Mt. Pleasant House	0	0	74	74	0	0	0	0	74	0	74
Cabarrus	St. Andrews Center (Replacement facility. Bed transfer from St. Andrews Living Center & St. Andrews Center.)	0	0	0	0	0	56	0	0	56	0	56
Cabarrus	St. Andrews Center (Closed. Bed transfer to St. Andrews replacement facility.)	0	0	25	25	0	-25	0	0	0	0	0
Cabarrus	St. Andrews Living Center (Bed transfer to St. Andrews replacement facility.)	0	0	56	56	0	-56	0	0	0	0	0
Cabarrus	The Country Home	0	0	40	40	0	0	0	0	40	0	40
Cabarrus	The Gardens of Taylor Glen Retirement Community	24	0	0	24	0	0	0	0	24	0	24
Cabarrus	The Living Center of Concord	0	0	180	180	0	0	0	0	180	0	180
Cabarrus Totals		48	0	886	934	0	0	0	0	934	0	934
Caldwell	Brockford Inn	0	0	67	67	0	0	0	0	67	0	67
Caldwell	Brookdale Lenoir	0	0	82	82	0	0	0	0	82	0	82
Caldwell	Carolina Oaks Enhanced Care Center	0	0	60	60	0	0	0	0	60	0	60
Caldwell	Gateway Rehabilitation and Healthcare	18	0	0	18	0	0	0	0	18	0	18
Caldwell	Grandview Villa Assisted Living	0	0	40	40	0	0	0	0	40	0	40
Caldwell	The Shaire Center	0	0	82	82	0	0	0	0	82	0	82
Caldwell Totals		18	0	331	349	0	0	0	0	349	0	349
Camden	Needham Adult Care Home	0	0	24	24	0	0	0	0	24	0	24
Camden Totals		0	0	24	24	0	0	0	0	24	0	24
Carteret	Brookdale Morehead City	0	0	72	72	0	0	0	0	72	0	72
Carteret	Carteret House	0	0	64	64	0	0	0	0	64	0	64
Carteret	Carteret Manor Assisted Living	0	0	0	0	110	0	0	0	110	0	110
Carteret	Snug Harbor on Nelson Bay	50	0	0	50	0	0	0	0	50	0	50
Carteret Totals		50	0	136	186	110	0	0	0	296	0	296
Caswell	Caswell House	0	0	100	100	0	0	0	0	100	0	100
Caswell	Dan River Manor (Replacement facility for Dogwood Blackwell Rest Home, Dogwood Forest #2 and Dogwood Ronald David Home.)	0	0	0	0	0	64	0	0	64	0	64
Caswell	Dogwood - Blackwell Rest Home (Closed. Bed transfer to Dan River Manor.)	0	0	40	40	0	-40	0	0	0	0	0

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Caswell	Dogwood - Forest #2 (Closed. Bed transfer to Dan River Manor.)	0	0	12	12	0	-12	0	0	0	0	0
Caswell	Dogwood - Ronald David Home (Closed. Bed transfer to Dan River Manor.)	0	0	12	12	0	-12	0	0	0	0	0
Caswell	G. Anthony Rucker Rest Home	0	0	12	12	0	0	0	0	12	0	12
Caswell	Jefferson Care Home	0	0	12	12	0	0	0	0	12	0	12
Caswell	Poole's Rest Home	0	0	19	19	0	0	0	0	19	0	19
Caswell Totals		0	0	207	207	0	0	0	0	207	0	207
Catawba	Abernethy Laurels	18	0	0	18	0	0	0	0	18	0	18
Catawba	Austin Adult Care	0	0	29	29	0	0	0	0	29	0	29
Catawba	Brian Center Health & Rehabilitation/Hickory East	20	0	0	20	0	0	0	0	20	0	20
Catawba	Brookdale Falling Creek	0	0	60	60	0	0	0	0	60	0	60
Catawba	Brookdale Hickory Northeast	0	0	88	88	0	0	0	0	88	0	88
Catawba	Carillon Assisted Living of Newton (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Catawba	Catawba Valley Living At Rock Barn	0	0	80	80	0	0	0	0	80	0	80
Catawba	Heritage Care of Conover	0	0	60	60	0	0	0	0	60	0	60
Catawba	Hickory Village	0	0	56	56	0	0	0	0	56	0	56
Catawba	Piedmont Village at Newton	0	0	40	40	0	0	0	0	40	0	40
Catawba	Springs of Catawba	0	0	66	66	0	0	0	0	66	0	66
Catawba	The Alberta House	0	0	20	20	0	0	0	0	20	0	20
Catawba	Trinity Village	90	0	0	90	0	0	0	0	90	0	90
Catawba Totals		128	0	595	723	0	0	0	0	723	0	723
Chatham	Cambridge Hills of Pittsboro	0	0	90	90	0	0	0	0	90	0	90
Chatham	Careview Rest Home (Closed. Transfer to Coventry House of Siler City)	0	0	20	20	0	-20	0	0	0	0	0
Chatham	Carolina Meadows Fairways	0	0	95	95	0	0	0	0	95	0	95
Chatham	Chatham Ridge AL	0	0	91	91	0	0	0	0	91	0	91
Chatham	Coventry House Of Siler City (Transfer from Careview Rest Home)	0	0	66	66	0	20	0	0	86	0	86
Chatham	Pittsboro Christian Village	0	0	40	40	0	0	0	0	40	0	40
Chatham	The Arbor	51	0	0	51	0	0	0	0	51	26	25
Chatham Totals		51	0	402	453	0	0	0	0	453	26	427
Cherokee	Carolina Care Home #1	0	0	12	12	0	0	0	0	12	0	12
Cherokee	Carolina Care Home #2	0	0	12	12	0	0	0	0	12	0	12
Cherokee	Murphy House	0	0	0	0	70	0	0	0	70	0	70
Cherokee	Peachtree Manor	0	0	0	0	80	0	0	0	80	0	80
Cherokee Totals		0	0	24	24	150	0	0	0	174	0	174
Chowan	Edenton House	0	0	60	60	0	0	0	0	60	0	60
Chowan	Edenton Prime Time Retirement Village	0	0	60	60	0	0	0	0	60	0	60

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Chowan Totals		0	0	120	120	0	0	0	0	120	0	120
Clay	Clay County Care Center	10	0	0	10	0	0	0	0	10	0	10
Clay	Hayesville House	0	0	60	60	0	0	0	0	60	0	60
Clay Totals		10	0	60	70	0	0	0	0	70	0	70
Cleveland	Brookdale Shelby	0	0	60	60	0	0	0	0	60	0	60
Cleveland	Carillon Assisted Living of Shelby (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Cleveland	Cleveland House	0	0	72	72	0	0	0	0	72	0	72
Cleveland	Golden Years Rest Home	0	0	12	12	0	0	0	0	12	0	12
Cleveland	Kings Mountain Care Center	0	0	20	20	0	0	0	0	20	0	20
Cleveland	Openview Retirement Home	0	0	24	24	0	0	0	0	24	0	24
Cleveland	Shelby Manor	0	0	74	74	0	0	0	0	74	0	74
Cleveland	Summit Place of Kings Mountain	0	0	65	65	0	0	0	0	65	0	65
Cleveland Totals		0	0	423	423	0	0	0	0	423	0	423
Columbus	Lake Pointe Assisted Living	0	0	80	80	0	0	0	0	80	0	80
Columbus	Liberty Commons Nsg and Rehab Center of Columbus County	40	0	0	40	0	0	0	0	40	0	40
Columbus	Premier Living & Rehab Center	15	0	0	15	0	0	0	0	15	0	15
Columbus	Shoreland Health Care and Retirement Center Inc	10	0	0	10	0	0	0	0	10	0	10
Columbus	Tabor Commons	0	0	80	80	0	0	0	0	80	0	80
Columbus Totals		65	0	160	225	0	0	0	0	225	0	225
Craven	Bayview Nursing & Rehabilitation Center	12	0	0	12	0	0	0	0	12	0	12
Craven	Brookdale New Bern	0	0	60	60	0	0	0	0	60	0	60
Craven	Croatan Village	0	0	72	72	0	0	0	0	72	0	72
Craven	Good Shepherd Home for the Aged	0	0	54	54	0	0	0	0	54	0	54
Craven	Homeplace of New Bern	0	0	60	60	0	0	0	0	60	0	60
Craven	New Bern House	0	0	108	108	0	0	0	0	108	0	108
Craven	Riverpoint Crest Nursing and Rehabilitation Center	18	0	0	18	0	0	0	0	18	0	18
Craven	Riverstone	0	0	64	64	0	0	0	0	64	0	64
Craven	Riverview	0	0	83	83	0	0	0	0	83	0	83
Craven	The Courtyards at Berne Village	0	0	55	55	0	0	0	0	55	0	55
Craven	The Courtyards at Berne Village Memory Care	0	0	25	25	0	0	0	0	25	0	25
Craven Totals		30	0	581	611	0	0	0	0	611	0	611
Cumberland	Carillon Assisted Living of Fayetteville (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Cumberland	Carolina Inn at Village Green	0	0	100	100	0	0	0	0	100	0	100
Cumberland	Countryside Villa	0	0	80	80	0	-80	0	0	0	0	0
Cumberland	Crossings at Fayetteville (Bed transfer of 80 ACH beds from Countryside Villa and 20 ACH beds from Hope Rest Home)	0	0	0	0	0	100	0	0	100	0	100

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Cumberland	Cumberland County Rehabilitation Center (Replacement facility. 36 bed transfer from Mann Street Residential Care)	0	0	0	0	0	36	0	0	36	0	36
Cumberland	Cumberland Village Assisted Living	0	0	163	163	0	0	0	0	163	0	163
Cumberland	Eastover Gardens Special Care	0	0	44	44	0	0	0	0	44	0	44
Cumberland	Fayetteville Manor	0	0	60	60	0	0	0	0	60	0	60
Cumberland	Haymount Rehabilitation & Nursing Center Inc	22	0	0	22	0	0	0	0	22	0	22
Cumberland	Heritage Suites	0	0	62	62	0	0	0	0	62	0	62
Cumberland	Highland House Rehabilitation and Healthcare	53	0	0	53	0	0	0	0	53	0	53
Cumberland	Hope Mills Retirement Center	0	0	64	64	0	0	0	0	64	0	64
Cumberland	Hope Rest Home	0	0	20	20	0	-20	0	0	0	0	0
Cumberland	Mann Street Residential Care Facility (36 bed transfer to Cumberland County Rehabilitation Center.)	0	0	36	36	0	-36	0	0	0	0	0
Cumberland	Pine Valley Adult Care Home	0	0	40	40	0	0	0	0	40	0	40
Cumberland	The Arc of Hope Mills	0	0	29	29	0	0	0	0	29	0	29
Cumberland	Valley Pines Adult Care	0	0	23	23	0	0	0	0	23	0	23
Cumberland	Woodlands Nursing & Rehabilitation Center	20	0	0	20	0	0	0	0	20	0	20
Cumberland Totals		95	0	817	912	0	0	0	0	912	0	912
Currituck	Currituck House	0	0	90	90	0	0	0	0	90	0	90
Currituck Totals		0	0	90	90	0	0	0	0	90	0	90
Dare	Peak Resources-Outer Banks	18	0	0	18	0	0	0	0	18	0	18
Dare	Spring Arbor of the Outer Banks	0	0	102	102	0	0	0	0	102	0	102
Dare Totals		18	0	102	120	0	0	0	0	120	0	120
Davidson	Brookdale Lexington	0	0	76	76	0	0	0	0	76	0	76
Davidson	Brookstone Retirement Center	0	0	115	115	0	0	0	0	115	0	115
Davidson	Grayson Creek of Welcome (Bed transfer of 20 ACH beds. 15 beds from Hilltop Living Center (Davidson Co) and 5 Bed transfer from Alpha Concord Plantation (Rowan Co))	0	0	55	55	0	20	0	0	75	0	75
Davidson	Hilltop Living Center (Bed transfer of 15 ACH beds to Graysons Creek of Welcome)	0	0	65	65	0	-15	0	0	50	0	50
Davidson	Lexington Health Care Center	10	0	0	10	0	0	0	0	10	0	10
Davidson	Mallard Ridge Assisted Living	0	0	100	100	0	0	0	0	100	0	100
Davidson	Mountain Vista Health Park	60	0	0	60	0	0	0	0	60	0	60
Davidson	Piedmont Crossing	20	0	0	20	0	0	0	0	20	0	20
Davidson	Pine Ridge Health and Rehabilitation Center	14	0	0	14	0	0	0	0	14	0	14
Davidson	Spring Arbor of Thomasville	0	0	62	62	0	0	0	0	62	0	62
Davidson Totals		104	0	473	577	0	5	0	0	582	0	582
Davie	Autumn Care of Mocksville (Replacement facility)	0	0	0	0	0	12	0	0	12	0	12
Davie	Autumn Care of Mocksville	12	0	0	12	0	-12	0	0	0	0	0
Davie	Bermuda Commons Nursing and Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Davie	Bermuda Village Retirement Center	21	0	0	21	0	0	0	0	21	0	21

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Davie	Davie Place Residential Care	0	0	69	69	0	0	0	0	69	0	69
Davie	Somerset Court of Mocksville	0	0	60	60	0	0	0	0	60	0	60
Davie	The Heritage of Cedar Rock	0	0	40	40	0	0	0	0	40	0	40
Davie Totals		43	0	169	212	0	0	0	0	212	0	212
Duplin	Autumn Village	0	0	88	88	0	0	0	0	88	0	88
Duplin	DaySpring of Wallace	0	0	80	80	0	0	0	0	80	0	80
Duplin	Golden Care	0	0	30	30	0	0	0	0	30	0	30
Duplin	Rosemary Rest Home	0	0	45	45	0	0	0	0	45	0	45
Duplin	Wallace Gardens	0	0	64	64	0	0	0	0	64	0	64
Duplin	Windham Hall	0	0	80	80	0	0	0	0	80	0	80
Duplin Totals		0	0	387	387	0	0	0	0	387	0	387
Durham	Atria Southpoint Walk	0	0	20	20	0	0	0	0	20	0	20
Durham	Brookdale Chapel Hill MC	0	0	38	38	0	0	0	0	38	0	38
Durham	Brookdale Durham	0	0	119	119	0	0	0	0	119	0	119
Durham	Brookdale of Chapel Hill AL (NC)	0	0	70	70	0	0	0	0	70	0	70
Durham	Camellia Gardens	0	0	81	81	0	0	0	0	81	0	81
Durham	Carillon Assisted Living of Durham (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Durham	Carver Living Center	20	0	0	20	0	0	0	0	20	0	20
Durham	Croasdaile Village	0	0	30	30	34	0	0	0	64	17	47
Durham	Durham Ridge Assisted Living	0	0	142	142	0	0	0	0	142	0	142
Durham	Eden Spring Living Center	0	0	19	19	0	0	0	0	19	0	19
Durham	Ellison's Rest Home #1	0	0	29	29	0	0	0	0	29	0	29
Durham	Eno Pointe Assisted Living	0	0	147	147	0	0	0	0	147	0	147
Durham	Hillcrest Convalescent Center	34	0	0	34	0	0	0	0	34	0	34
Durham	Seasons @ Southpoint	0	0	51	51	0	0	0	0	51	0	51
Durham	Spring Arbor of Durham	0	0	60	60	0	0	0	0	60	0	60
Durham	The Forest at Duke	34	0	0	34	0	0	0	0	34	0	34
Durham Totals		88	0	902	990	34	0	0	0	1,024	17	1,007
Edgecombe	Heritage Care of Rocky Mount	0	0	126	126	0	0	0	0	126	0	126
Edgecombe	Open Fields Assisted Living	0	0	130	130	0	0	0	0	130	0	130
Edgecombe	The Fountains at The Albemarle	56	0	0	56	0	0	0	0	56	0	56
Edgecombe Totals		56	0	256	312	0	0	0	0	312	0	312
Forsyth	Arbor Acres United Methodist Retirement Community	102	0	0	102	4	0	0	0	106	11	95
Forsyth	Brian Center Health & Retirement/Winston Salem	40	0	0	40	0	0	0	0	40	0	40
Forsyth	Brighton Gardens of Winston-Salem	0	0	115	115	0	0	0	0	115	0	115
Forsyth	Brookdale Reynolda Road	0	0	72	72	0	0	0	0	72	0	72
Forsyth	Brookdale Winston-Salem	0	0	38	38	0	0	0	0	38	0	38
Forsyth	Brookridge Retirement Community	36	0	0	36	0	0	0	0	36	0	36

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Forsyth	Brookstone Terrace (Bed transfer from The Crest of Clemmons)	0	0	40	40	0	13	0	0	53	0	53
Forsyth	C.R.T. - Golden Lamb Rest Home	0	0	40	40	0	0	0	0	40	0	40
Forsyth	Carillon Assisted Living Of Clemmons (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Forsyth	Clemmons Village I	0	0	60	60	0	0	0	0	60	0	60
Forsyth	Clemmons Village II	0	0	66	66	0	0	0	0	66	0	66
Forsyth	Creekside Manor	0	0	60	60	0	0	0	0	60	0	60
Forsyth	Danby House	0	0	100	100	0	0	0	0	100	0	100
Forsyth	Forest Heights Senior Living Community	0	0	125	125	0	0	0	0	125	0	125
Forsyth	Forsyth Village	0	0	60	60	0	0	0	0	60	0	60
Forsyth	Homestead Hills Assited Living	0	0	66	66	0	0	0	0	66	0	66
Forsyth	Integrity Assisted Living	0	0	121	121	0	0	0	0	121	0	121
Forsyth	Kerner Ridge Assisted Living	0	0	66	66	0	0	0	0	66	0	66
Forsyth	Magnolia Creek Assisted Living	0	0	117	117	0	0	0	0	117	0	117
Forsyth	Memory Care of the Triad	0	0	42	42	0	0	0	0	42	0	42
Forsyth	Salem Terrace	0	0	142	142	0	0	0	0	142	0	142
Forsyth	Salemtowne	46	0	0	46	20	0	0	0	66	10	56
Forsyth	Shuler Health Care/Crane Villa	0	0	12	12	0	0	0	0	12	0	12
Forsyth	Shuler Health Care/Phillips Villa	0	0	12	12	0	0	0	0	12	0	12
Forsyth	Shuler Health Care/Pierce Villa	0	0	12	12	0	0	0	0	12	0	12
Forsyth	Shuler Health Care/Record Villa	0	0	12	12	0	0	0	0	12	0	12
Forsyth	Shuler Health Care/Storey Villa	0	0	12	12	0	0	0	0	12	0	12
Forsyth	Somerset Court at University Place	0	0	60	60	0	0	0	0	60	0	60
Forsyth	Southfork	0	0	78	78	0	0	0	0	78	0	78
Forsyth	The Bradford Village of Kernersville - West	0	0	62	62	0	0	0	0	62	0	62
Forsyth	The Crest of Clemmons (Bed transfer to Brookstone Terrace)	0	0	96	96	0	-13	0	0	83	0	83
Forsyth	Trinity Elms	0	0	104	104	0	0	0	0	104	0	104
Forsyth	Verra Spring at Heritage Woods	0	0	29	29	0	0	0	0	29	0	29
Forsyth	Vienna Village	0	0	90	90	0	0	0	0	90	0	90
Forsyth Totals		224	0	2,005	2,229	24	0	0	0	2,253	21	2,232
Franklin	Autumn Wind Assisted Living of Louisburg	0	0	60	60	0	0	0	0	60	0	60
Franklin	Essex Manor Assisted Living Facility	0	0	56	56	0	0	0	0	56	0	56
Franklin	Franklin Manor Assisted Living Center	0	0	54	54	0	0	0	0	54	0	54
Franklin	Franklin Oaks Nursing and Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Franklin	Louisburg Manor	0	0	60	60	0	0	0	0	60	0	60
Franklin Totals		10	0	230	240	0	0	0	0	240	0	240
Gaston	Alexandria Place	40	0	0	40	0	0	0	0	40	0	40

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Gaston	Belaire Health Care Center (Closed. Bed transfer to Country Time Inn.)	0	0	20	20	0	-20	0	0	0	0	0
Gaston	Brookdale New Hope	0	0	86	86	0	0	0	0	86	0	86
Gaston	Brookdale Robinwood	0	0	89	89	0	0	0	0	89	0	89
Gaston	Brookdale Union	0	0	78	78	0	0	0	0	78	0	78
Gaston	Carillon Assisted Living of Cramer Mountain (Beds awarded per settlement agreement from 2000 & 2007)	0	0	128	128	0	0	0	0	128	0	128
Gaston	Carolina Care Center	12	0	0	12	0	0	0	0	12	0	12
Gaston	Country Time Inn (Bed transfer from Belaire Health Care Center.)	0	0	59	59	0	20	0	0	79	0	79
Gaston	Courtland Terrace	19	0	0	19	0	0	0	0	19	0	19
Gaston	Covenant Village	42	0	0	42	0	0	0	0	42	0	42
Gaston	Heritage Oaks Assisted Living	0	0	86	86	0	0	0	0	86	0	86
Gaston	Morningside of Gastonia	0	0	105	105	0	0	0	0	105	0	105
Gaston	Peak Resources-Cherryville	57	0	0	57	0	0	0	0	57	0	57
Gaston	Rosewood Assisted Living	0	0	48	48	0	0	0	0	48	0	48
Gaston	Somerset Court of Cherryville	0	0	60	60	0	0	0	0	60	0	60
Gaston	Stanley Total Living Center	24	0	0	24	30	0	0	0	54	15	39
Gaston	Terrace Ridge Assisted Living	0	0	74	74	0	0	0	0	74	0	74
Gaston	Wellington House	0	0	48	48	0	0	0	0	48	0	48
Gaston	Woodlawn Haven	0	0	80	80	0	0	0	0	80	0	80
Gaston Totals		194	0	961	1,155	30	0	0	0	1,185	15	1,170
Gates	Down East Living & Rehab Center	10	0	0	10	0	0	0	0	10	0	10
Gates	Gates House	0	0	70	70	0	0	0	0	70	0	70
Gates Totals		10	0	70	80	0	0	0	0	80	0	80
Graham	Graham Healthcare and Rehabilitation Center	23	0	0	23	0	0	0	0	23	0	23
Graham 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
Granville	Heritage Meadows Long Term Care Facility	0	0	80	80	0	0	0	0	80	0	80
Granville	Pine Gardens Adult Care	0	0	31	31	0	0	0	0	31	0	31
Granville	Summit Communities	0	0	60	60	0	0	0	0	60	0	60
Granville	Universal Health Care/Oxford	20	0	0	20	0	0	0	0	20	0	20
Granville Totals		20	0	231	251	0	0	0	0	251	0	251
Greene	Greendale Forest Nursing & Rehabilitation Center	17	0	0	17	0	0	0	0	17	0	17
Greene	Snow Hill Assisted Living	0	0	40	40	0	0	0	0	40	0	40
Greene Totals		17	0	40	57	0	0	0	0	57	0	57
Guilford	Abbotswood at Irving Park Assisted Living (Replacement facility. Relocated 22 beds from Bell House and 26 beds from Elm Villa.)	0	0	28	28	0	48	0	0	76	0	76
Guilford	Arbor Care Assisted Living	0	0	92	92	0	0	0	0	92	0	92

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Guilford	Bell House (Closed.)	0	0	22	22	0	-22	0	0	0	0	0
Guilford	Blumenthal Nursing & Rehabilitation Center	20	0	0	20	0	0	0	0	20	0	20
Guilford	Brighton Gardens of Greensboro	0	0	125	125	0	0	0	0	125	0	125
Guilford	Brookdale High Point	0	0	82	82	0	0	0	0	82	0	82
Guilford	Brookdale High Point North	0	0	65	65	0	0	0	0	65	0	65
Guilford	Brookdale High Point North AL (NC)	0	0	102	102	0	0	0	0	102	0	102
Guilford	Brookdale Lawndale Park	0	0	118	118	0	0	0	0	118	0	118
Guilford	Brookdale Northwest Greensboro	0	0	81	81	0	0	0	0	81	0	81
Guilford	Brookdale Skeet Club	0	0	79	79	0	0	0	0	79	0	79
Guilford	Carriage House Senior Living Community	0	0	108	108	0	0	0	0	108	0	108
Guilford	Clapp's Assisted Living	0	0	30	30	0	0	0	0	30	0	30
Guilford	Countryside Manor Inc	16	0	0	16	0	0	0	0	16	0	16
Guilford	Elm Villa (Relocating 26 beds to Abbotswood at Irving Park and 18 beds to The Arboretum at Heritage Green.)	0	0	44	44	0	-44	0	0	0	0	0
Guilford	Friends Homes at Guilford	60	0	0	60	0	0	0	0	60	0	60
Guilford	Friends Homes West	40	0	0	40	0	0	0	0	40	0	40
Guilford	Greensboro Retirement Center	0	0	64	64	0	0	0	0	64	0	64
Guilford	Guilford House	0	0	60	60	0	0	0	0	60	0	60
Guilford	Heartland Living & Rehab @ The Moses H Cone Mem Hos	37	0	0	37	0	0	0	0	37	0	37
Guilford	Lawson's Adult Enrichment Center	0	0	18	18	0	0	0	0	18	0	18
Guilford	Long's Rest Home for Aged	0	0	12	12	0	0	0	0	12	0	12
Guilford	Maple Grove Health and Rehabilitation Center	40	0	0	40	0	0	0	0	40	0	40
Guilford	Maryfield Nursing Home	36	0	0	36	0	0	0	0	36	13	23
Guilford	Morningview at Irving Park	0	0	105	105	0	0	0	0	105	0	105
Guilford	Piedmont Christian Home	0	0	93	93	0	0	0	0	93	0	93
Guilford	Richland Place	0	0	70	70	0	0	0	0	70	0	70
Guilford	River Landing at Sandy Ridge	56	0	0	56	0	0	0	0	56	0	56
Guilford	Spring Arbor of Greensboro	0	0	100	100	0	0	0	0	100	0	100
Guilford	St. Gales Estates	0	0	60	60	0	0	0	0	60	0	60
Guilford	The Arboretum at Heritage Greens (Bed transfer from Elm Villa.)	0	0	48	48	0	18	0	0	66	0	66
Guilford	Verra Springs at Heritage Greens	0	0	45	45	0	0	0	0	45	0	45
Guilford	Wellington Oaks	0	0	114	114	0	0	0	0	114	0	114
Guilford	Well-Spring	72	0	0	72	0	0	0	0	72	0	72
Guilford	Westchester Harbour	0	0	90	90	0	0	0	0	90	0	90
Guilford	WhiteStone: A Masonic and Eastern Star Community	12	0	0	12	0	0	0	0	12	0	12
Guilford	Woodland Place - Greensboro	0	0	96	96	0	0	0	0	96	0	96
Guilford Totals		389	0	1,951	2,340	0	0	0	0	2,340	13	2,327
Halifax	Carolina Rest Home	0	0	40	40	0	0	0	0	40	0	40

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Halifax	Liberty Commons Nsg and Rehab Ctr of Halifax County	25	0	0	25	0	0	0	0	25	0	25
Halifax	Our Community Hospital, Inc.	0	20	0	20	0	0	0	0	20	0	20
Halifax	Woodhaven Rest Home #1 (Closed.)	0	0	60	60	0	-60	0	0	0	0	0
Halifax	Woodhaven Rest Home #1 (Replacement facility.)	0	0	0	0	0	60	0	0	60	0	60
Halifax	Woodhaven Rest Home #2	0	0	60	60	0	0	0	0	60	0	60
Halifax Totals		25	20	160	205	0	0	0	0	205	0	205
Harnett	Absolute Care Assisted Living	0	0	12	12	0	0	0	0	12	0	12
Harnett	Absolute Care Assisted Living II	0	0	12	12	0	0	0	0	12	0	12
Harnett	Alzheimer's Related Care	0	0	36	36	0	0	0	0	36	0	36
Harnett	Cornerstone Nursing and Rehabilitation Center	8	0	0	8	0	0	0	0	8	0	8
Harnett	Grean Leaf Care Center	0	0	105	105	0	0	0	0	105	0	105
Harnett	Johnson Better Care Facility	0	0	50	50	0	0	0	0	50	0	50
Harnett	Oak Hill Living Center	0	0	122	122	0	0	0	0	122	0	122
Harnett	Pinecrest Gardens	0	0	60	60	0	0	0	0	60	0	60
Harnett	Senior Citizens Village	0	0	65	65	0	0	0	0	65	0	65
Harnett	Senter's Rest Home	0	0	50	50	0	0	0	0	50	0	50
Harnett	Stage Coach Manor	0	0	40	40	0	0	0	0	40	0	40
Harnett	Universal Health Care Lillington	106	0	0	106	0	0	0	0	106	0	106
Harnett	Unprecedented Care	0	0	12	12	0	0	0	0	12	0	12
Harnett Totals		114	0	564	678	0	0	0	0	678	0	678
Haywood	Autumn Care of Waynesville	10	0	0	10	0	0	0	0	10	0	10
Haywood	Chestnut Park Rest Home #1	0	0	10	10	0	0	0	0	10	0	10
Haywood	Chestnut Park Retirement Center	0	0	20	20	0	0	0	0	20	0	20
Haywood	Creekside Villas	0	0	20	20	0	0	0	0	20	0	20
Haywood	Haywood House	0	0	60	60	0	0	0	0	60	0	60
Haywood	Haywood Lodge and Retirement Center	0	0	68	68	0	0	0	0	68	0	68
Haywood	McCracken Rest Home	0	0	22	22	0	0	0	0	22	0	22
Haywood	Pigeon Valley Rest Home	0	0	29	29	0	0	0	0	29	0	29
Haywood	Richland Community Care #2	0	0	11	11	0	0	0	0	11	0	11
Haywood	Silver Bluff LLC	13	0	0	13	0	0	0	0	13	0	13
Haywood	Spicewood Cottages Elms	0	0	20	20	0	0	0	0	20	0	20
Haywood	Spicewood Cottages Oaks	0	0	20	20	0	0	0	0	20	0	20
Haywood	Spicewood Cottages Willows	0	0	20	20	0	0	0	0	20	0	20
Haywood Totals		23	0	300	323	0	0	0	0	323	0	323
Henderson	Blue Ridge Retirement	0	0	43	43	0	0	0	0	43	0	43
Henderson	Brookdale Heritage Circle	0	0	24	24	0	0	0	0	24	0	24
Henderson	Cardinal Care Center - Hendersonville	0	0	60	60	0	0	0	0	60	0	60
Henderson	Carillon Assisted Living Of Hendersonville (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Henderson	Carolina Village	0	0	60	60	0	0	0	0	60	16	44
Henderson	Cherry Springs Village	0	0	60	60	0	0	0	0	60	0	60
Henderson	Country Meadow Rest Home (Transfer to Winchester House)	0	0	15	15	0	-15	0	0	0	0	0
Henderson	Henderson's Assisted Living	0	0	26	26	0	0	0	0	26	0	26
Henderson	McCullough's Rest Home	0	0	13	13	0	0	0	0	13	0	13
Henderson	Mountain View Assisted Living	0	0	27	27	0	0	0	0	27	0	27
Henderson	Spring Arbor of Hendersonville	0	0	61	61	0	0	0	0	61	0	61
Henderson	Spring Arbor West	0	0	48	48	0	0	0	0	48	0	48
Henderson	The Laurels of Hendersonville	20	0	0	20	0	0	0	0	20	0	20
Henderson	Winchester House (Replacement facility. Winchester House #1 (30); Winchester House #2 (10); Country Meadows Rest Home (15); Nana's Assisted Living {Buncombe Co} (25))	0	0	0	0	0	80	0	0	80	0	80
Henderson	Winchester House #1	0	0	30	30	0	-30	0	0	0	0	0
Henderson	Winchester House #2	0	0	10	10	0	-10	0	0	0	0	0
Henderson Totals		20	0	573	593	0	25	0	0	618	16	602
Hertford	Ahoskie House	0	0	60	60	0	0	0	0	60	0	60
Hertford	Pinewood Manor	0	0	92	92	0	0	0	0	92	0	92
Hertford	Twin Oaks and Twins Adult Home	0	0	21	21	0	0	0	0	21	0	21
Hertford Totals		0	0	173	173	0	0	0	0	173	0	173
Hoke	Autumn Care of Raeford	8	0	0	8	0	0	0	0	8	0	8
Hoke	Open Arms Retirement Center	0	0	90	90	0	0	0	0	90	0	90
Hoke	The Crossings at Wayside	0	0	75	75	0	0	0	0	75	0	75
Hoke Totals		8	0	165	173	0	0	0	0	173	0	173
Hyde/Tyrrell	Tyrrell House	0	0	50	50	0	0	0	0	50	0	50
Hyde/Tyrrell Totals		0	0	50	50	0	0	0	0	50	0	50
Iredell	Aurora of Statesville	0	0	80	80	0	0	0	0	80	0	80
Iredell	Autumn Care of Statesville	10	0	0	10	0	0	0	0	10	0	10
Iredell	Brookdale Churchill	0	0	120	120	0	0	0	0	120	0	120
Iredell	Brookdale East Broad	0	0	58	58	0	0	0	0	58	0	58
Iredell	Brookdale Peachtree	0	0	40	40	0	0	0	0	40	0	40
Iredell	Brookdale Peachtree	0	0	87	87	0	0	0	0	87	0	87
Iredell	Carillon Assisted Living of Mooresville (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Iredell	Crown Colony	0	0	60	60	0	0	0	0	60	0	60
Iredell	Heritage Place Adult Living Center	0	0	40	40	0	0	0	0	40	0	40
Iredell	Journey's Assisted Living	0	0	60	60	0	0	0	0	60	0	60
Iredell	Maple Leaf Health Care	8	0	0	8	0	0	0	0	8	0	8
Iredell	Mooresville Center	30	0	0	30	0	0	0	0	30	0	30
Iredell	Olin Village	0	0	64	64	0	0	0	0	64	0	64

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Iredell	Rosewood Assisted Living	0	0	54	54	0	0	0	0	54	0	54
Iredell	Summit Place of Mooresville	0	0	60	60	0	0	0	0	60	0	60
Iredell	The Gardens of Statesville	0	0	67	67	0	0	0	0	67	0	67
Iredell Totals		48	0	886	934	0	0	0	0	934	0	934
Jackson	Morningstar Assisted Living	0	0	55	55	0	0	0	0	55	0	55
Jackson	The Hermitage	0	0	90	90	0	0	0	0	90	0	90
Jackson Totals		0	0	145	145	0	0	0	0	145	0	145
Johnston	Autumn Home Care of Johnston County I	0	0	12	12	0	0	0	0	12	0	12
Johnston	Autumn Home Care of Johnston County II	0	0	12	12	0	0	0	0	12	0	12
Johnston	Autumn Home Care of Johnston County III	0	0	12	12	0	0	0	0	12	0	12
Johnston	Autumn Wind Assisted Living	0	0	20	20	0	0	0	0	20	0	20
Johnston	Brookdale Smithfield	0	0	74	74	0	0	0	0	74	0	74
Johnston	Cardinal Care Assisted Living Village #1 (Closed. Transfer to Johnston Manor)	0	0	12	12	0	-12	0	0	0	0	0
Johnston	Cardinal Care Assisted Living Village #2 (Closed. Transfer to Johnston Manor)	0	0	12	12	0	-12	0	0	0	0	0
Johnston	Cardinal Care Assisted Living Village #3 (Closed. Transfer to Johnston Manor)	0	0	12	12	0	-12	0	0	0	0	0
Johnston	Cardinal Care Assisted Living Village #4 (Closed. Transfer to Johnston Manor)	0	0	12	12	0	-12	0	0	0	0	0
Johnston	Cardinal Care Assisted Living Village #5 (Closed. Transfer to Johnston Manor)	0	0	12	12	0	-12	0	0	0	0	0
Johnston	Cardinal Care Assisted Living Village #6 (Closed. Transfer to Johnston Manor)	0	0	12	12	0	-12	0	0	0	0	0
Johnston	Classic Care Homes	0	0	12	12	0	0	0	0	12	0	12
Johnston	Classic Care Homes 103	0	0	12	12	0	0	0	0	12	0	12
Johnston	Classic Care Homes 105	0	0	12	12	0	0	0	0	12	0	12
Johnston	Clayton House	0	0	60	60	0	0	0	0	60	0	60
Johnston	Four Oaks Senior Living	0	0	96	96	0	0	0	0	96	0	96
Johnston	Gabriel Manor Assisted Living Center	0	0	77	77	0	0	0	0	77	0	77
Johnston	Johnston Manor (Replacement facility.)	0	0	0	0	0	132	0	0	132	0	132
Johnston	Liberty Commons Nsg and Rehab Ctr of Johnston Cty	60	0	0	60	0	0	0	0	60	0	60
Johnston	McLamb's Rest Home	0	0	12	12	0	0	0	0	12	0	12
Johnston	McLamb's Rest Home #2	0	0	12	12	0	0	0	0	12	0	12
Johnston	Meadowview Assisted Living Center	0	0	60	60	0	0	0	0	60	0	60
Johnston	Progressive Care of Princeton	0	0	12	12	0	0	0	0	12	0	12
Johnston	Smithfield House West (Closed. Transfer to Johnston Manor.)	0	0	60	60	0	-60	0	0	0	0	0
Johnston	Smithfield Manor Nursing and Rehab	20	0	0	20	0	0	0	0	20	0	20
Johnston Totals		80	0	627	707	0	0	0	0	707	0	707
Jones	Brook Stone Living Center	20	0	0	20	0	0	0	0	20	0	20

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Jones Totals		20	0	0	20	0	0	0	0	20	0	20
Lee	A Step from Home Residential Care Facility (Beds transferred to Westfield Rehabilitation and Health Center)	0	0	20	20	0	-20	0	0	0	0	0
Lee	Magnolia House Retirement Center	0	0	85	85	0	0	0	0	85	0	85
Lee	Oakhaven Home	0	0	40	40	0	0	0	0	40	0	40
Lee	Oakhaven II	0	0	12	12	0	0	0	0	12	0	12
Lee	Parkview Retirement Center	0	0	116	116	0	0	0	0	116	0	116
Lee	Royal Oaks Assisted Living	0	0	50	50	0	0	0	0	50	0	50
Lee	Westfield Rehabilitation and Health Center	0	0	0	0	0	20	0	0	20	0	20
Lee Totals		0	0	323	323	0	0	0	0	323	0	323
Lenoir	Care One Memory Unit of Kinston	0	0	24	24	0	0	0	0	24	0	24
Lenoir	Kinston Assisted Living	0	0	60	60	0	0	0	0	60	0	60
Lenoir	Lenoir Assisted Living	0	0	94	94	0	0	0	0	94	0	94
Lenoir	Spring Arbor of Kinston	0	0	86	86	0	0	0	0	86	0	86
Lenoir	The Village of Kinston	0	0	63	63	0	0	0	0	63	0	63
Lenoir Totals		0	0	327	327	0	0	0	0	327	0	327
Lincoln	Amazing Grace Rest Home	0	0	10	10	0	0	0	0	10	0	10
Lincoln	Boger City Rest Home	0	0	52	52	0	0	0	0	52	0	52
Lincoln	Brian Center Health & Retirement/Lincolnton	11	0	0	11	0	0	0	0	11	0	11
Lincoln	Cardinal Healthcare and Rehabilitation Center	20	0	0	20	0	0	0	0	20	0	20
Lincoln	Carillon Assisted Living of Lincolnton (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Lincoln	Heath House	0	0	60	60	0	0	0	0	60	0	60
Lincoln	Lakewood Care Center	0	0	60	60	0	0	0	0	60	0	60
Lincoln	North Brook Rest Home	0	0	12	12	0	0	0	0	12	0	12
Lincoln	Wexford House	0	0	60	60	0	0	0	0	60	0	60
Lincoln Totals		31	0	350	381	0	0	0	0	381	0	381
Macon	Chestnut Hill of Highlands	0	0	26	26	0	0	0	0	26	0	26
Macon	Franklin House	0	0	70	70	0	0	0	0	70	0	70
Macon	Grandview Manor Care Center	0	0	82	82	0	0	0	0	82	0	82
Macon Totals		0	0	178	178	0	0	0	0	178	0	178
Madison	Elderberry Health Care	20	0	0	20	0	0	0	0	20	0	20
Madison	Mars Hill Retirement Community	0	0	69	69	0	0	0	0	69	0	69
Madison Totals		20	0	69	89	0	0	0	0	89	0	89
Martin	Vintage Inn Retirement Community	0	0	122	122	0	0	0	0	122	0	122
Martin	Williamston House	0	0	60	60	0	0	0	0	60	0	60
Martin Totals		0	0	182	182	0	0	0	0	182	0	182
McDowell	Autumn Care of Marion	15	0	0	15	0	0	0	0	15	0	15
McDowell	Cedarbrook Residential Center	0	0	80	80	0	0	0	0	80	0	80

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
McDowell	Houston House	0	0	29	29	0	0	0	0	29	0	29
McDowell	Lake James Lodge Assisted Living	0	0	60	60	0	0	0	0	60	0	60
McDowell	McDowell Assisted Living	0	0	54	54	0	0	0	0	54	0	54
McDowell	McDowell House	0	0	25	25	0	0	0	0	25	0	25
McDowell	Rose Hill Retirement Community	0	0	87	87	0	0	0	0	87	0	87
McDowell Totals		15	0	335	350	0	0	0	0	350	0	350
Mecklenburg	Atria Merrywood	0	0	20	20	0	0	0	0	20	0	20
Mecklenburg	Brighton Gardens of Charlotte	0	0	125	125	0	0	0	0	125	0	125
Mecklenburg	Brookdale Carriage Club Providence I (Bed transfer to Brookdale South Charlotte)	0	0	77	77	0	-6	0	0	71	0	71
Mecklenburg	Brookdale Carriage Club Providence II	0	0	34	34	0	0	0	0	34	0	34
Mecklenburg	Brookdale Charlotte East	0	0	50	50	0	0	0	0	50	0	50
Mecklenburg	Brookdale Cotswold	0	0	104	104	0	0	0	0	104	0	104
Mecklenburg	Brookdale Place Weddington Park	0	0	83	83	0	0	0	0	83	0	83
Mecklenburg	Brookdale South Charlotte (Bed transfer from Brookdale Carriage Club Providence I)	0	0	82	82	0	6	0	0	88	0	88
Mecklenburg	Brookdale South Park	0	0	56	56	0	0	0	0	56	0	56
Mecklenburg	Carillion Assisted Living of Huntersville (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Mecklenburg	Carillion Assisted Living of Mint Hill (Beds awarded per settlement agreement from 2000 & 2007)	0	0	0	0	96	0	0	0	96	0	96
Mecklenburg	Carmel Hills	0	0	38	38	0	0	0	0	38	0	38
Mecklenburg	Carrington Place	10	0	0	10	0	0	0	0	10	0	10
Mecklenburg	Charlotte Manor (Bed transfer to Waltonwood Cotswold.)	0	0	40	40	0	-40	0	0	0	0	0
Mecklenburg	Charlotte Square	0	0	125	125	0	0	0	0	125	0	125
Mecklenburg	Cuthbertson Village at Aldersgate	0	0	61	61	0	0	0	0	61	8	53
Mecklenburg	East Towne	0	0	120	120	0	0	0	0	120	0	120
Mecklenburg	Elmcroft of Little Avenue	0	0	62	62	0	0	0	0	62	0	62
Mecklenburg	Hunter Village	0	0	68	68	0	0	0	0	68	0	68
Mecklenburg	Hunter Woods Nursing and Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Mecklenburg	Lawyers Glen Retirement Living Center	0	0	82	82	0	0	0	0	82	0	82
Mecklenburg	Legacy Heights Senior Living Community	0	0	122	122	0	0	0	0	122	0	122
Mecklenburg	Northlake House	0	0	48	48	0	0	0	0	48	0	48
Mecklenburg	Parker Terrace	0	0	53	53	0	0	0	0	53	0	53
Mecklenburg	Pineville Rehabilitation and Living Center	10	0	0	10	0	0	0	0	10	0	10
Mecklenburg	Preston House	0	0	40	40	40	0	0	0	80	0	80
Mecklenburg	Queen City Assisted Living	0	0	120	120	0	0	0	0	120	0	120
Mecklenburg	Radbourne Manor III	0	0	12	12	0	-12	0	0	0	0	0
Mecklenburg	Radbourne Manor Village	0	0	0	0	0	12	0	0	12	0	12
Mecklenburg	Ranson Ridge at the Villages of Mecklenburg	0	0	100	100	0	0	0	0	100	0	100

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Mecklenburg	Regency Retirement Village	0	0	119	119	0	0	0	0	119	0	119
Mecklenburg	Saturn Nursing and Rehabilitation Center	20	0	0	20	0	0	0	0	20	0	20
Mecklenburg	Sharon Towers	40	0	0	40	0	0	0	0	40	0	40
Mecklenburg	Southminster	25	0	0	25	0	0	0	0	25	0	25
Mecklenburg	St. Margaret's of Trevi Village	0	0	0	0	52	0	0	0	52	26	26
Mecklenburg	Summit Place of Southpark	0	0	120	120	0	0	0	0	120	0	120
Mecklenburg	Sunrise on Providence	0	0	95	95	0	0	0	0	95	0	95
Mecklenburg	The Crossings at Steele Creek	0	0	90	90	0	0	0	0	90	0	90
Mecklenburg	The Haven in Highland Creek	0	0	60	60	0	0	0	0	60	0	60
Mecklenburg	The Haven in the Village at Carolina Place	0	0	60	60	0	0	0	0	60	0	60
Mecklenburg	The Laurels in Highland Creek	0	0	105	105	0	0	0	0	105	0	105
Mecklenburg	The Laurels in the Village at Carolina Place	0	0	104	104	0	0	0	0	104	0	104
Mecklenburg	The Little Flower Assisted Living	0	0	49	49	0	0	0	0	49	0	49
Mecklenburg	The Parc at Sharon Amity	0	0	64	64	0	0	0	0	64	0	64
Mecklenburg	The Pines at Davidson	30	0	0	30	0	0	0	0	30	5	25
Mecklenburg	The Terrace at Brightmore of South Charlotte	0	0	30	30	0	0	0	0	30	0	30
Mecklenburg	University Place Nursing and Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Mecklenburg	Waltonwood at Providence	0	0	80	80	0	0	0	0	80	0	80
Mecklenburg	Waltonwood Cotswold (Bed transfer from Charlotte Manor + 85 bed per settlement agreement.)	0	0	0	0	85	40	0	0	125	0	125
Mecklenburg	Willow Ridge Assisted Living	0	0	52	52	0	0	0	0	52	0	52
Mecklenburg	WillowBrooke Court SC Ctr at Plantation Estates	60	0	0	60	0	0	0	0	60	10	50
Mecklenburg	Wilora Lake Healthcare Center	20	0	0	20	0	0	0	0	20	0	20
Mecklenburg Totals		235	0	2,846	3,081	273	0	0	0	3,354	49	3,305
Mitchell	Mitchell House	0	0	80	80	0	0	0	0	80	0	80
Mitchell Totals		0	0	80	80	0	0	0	0	80	0	80
Montgomery	Autumn Care of Biscoe	10	0	0	10	0	0	0	0	10	0	10
Montgomery	Brookstone Haven of Star Assisted Living	0	0	54	54	0	0	0	0	54	0	54
Montgomery	Poplar Springs Assisted Living	0	0	12	12	0	0	0	0	12	0	12
Montgomery	Sandy Ridge Assisted Living	0	0	104	104	0	0	0	0	104	0	104
Montgomery Totals		10	0	170	180	0	0	0	0	180	0	180
Moore	Brookdale Pinehurst	0	0	76	76	0	0	0	0	76	0	76
Moore	Elmcroft of Southern Pines	0	0	94	94	0	0	0	0	94	0	94
Moore	Fox Hollow Senior Living Community	0	0	85	85	0	0	0	0	85	0	85
Moore	Inn at Quail Haven Village	0	0	0	0	0	10	0	0	10	0	10
Moore	KingsWood Nursing Center	10	0	0	10	0	0	0	0	10	0	10
Moore	Magnolia Gardens	0	0	110	110	0	0	0	0	110	0	110
Moore	Peak Resources - Pinelake	20	0	0	20	0	0	0	0	20	0	20
Moore	Penick Village	42	0	0	42	0	0	0	0	42	0	42

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Moore	Seven Lakes Assisted Living	0	0	60	60	0	0	0	0	60	0	60
Moore	Tara Plantation of Carthage	0	0	80	80	0	0	0	0	80	0	80
Moore	The Coventry	0	0	60	60	0	0	0	0	60	18	42
Moore Totals		72	0	565	637	0	10	0	0	647	18	629
Nash	Autumn Care of Nash	20	0	0	20	0	0	0	0	20	0	20
Nash	Breckenridge Retirement Center	0	0	64	64	0	0	0	0	64	0	64
Nash	Brookdale Rocky Mount	0	0	60	60	0	0	0	0	60	0	60
Nash	Hunter Hill Assisted Living	0	0	64	64	0	0	0	0	64	0	64
Nash	Hunter Hills Nursing and Rehabilitation Center	9	0	0	9	0	0	0	0	9	0	9
Nash	Somerset Court of Rocky Mount	0	0	60	60	0	0	0	0	60	0	60
Nash	South Village (Replacement facility for South Village)	0	0	0	0	0	15	0	0	15	0	15
Nash	South Village	15	0	0	15	0	-15	0	0	0	0	0
Nash	Spring Arbor of Rocky Mount	0	0	84	84	0	0	0	0	84	0	84
Nash	Trinity Retirement Villas #1	0	0	12	12	0	0	0	0	12	0	12
Nash	Trinity Retirement Villas #2	0	0	12	12	0	0	0	0	12	0	12
Nash	Universal Health Care/Nashville ****	122	0	0	122	0	0	0	0	122	0	122
Nash Totals		166	0	356	522	0	0	0	0	522	0	522
New Hanover	Autumn Care of Myrtle Grove	20	0	0	20	0	0	0	0	20	0	20
New Hanover	Bradley Creek Health Center at Carolina Bay	70	0	0	70	0	0	0	0	70	9	61
New Hanover	Brookdale Wilmington	0	0	38	38	0	0	0	0	38	0	38
New Hanover	Castle Creek Memory Care	0	0	84	84	0	0	0	0	84	0	84
New Hanover	Cedar Cove Assisted Living	0	0	64	64	0	0	0	0	64	0	64
New Hanover	Champions Assisted Living	0	0	148	148	0	0	0	0	148	0	148
New Hanover	Fannie Norwood Memorial Home	0	0	16	16	0	0	0	0	16	0	16
New Hanover	Liberty Commons Rehabilitation Center (Transfer from Port South)	40	0	0	40	0	72	0	0	112	0	112
New Hanover	Morningside of Wilmington	0	0	101	101	0	0	0	0	101	0	101
New Hanover	New Hanover House	0	0	61	61	0	0	0	0	61	0	61
New Hanover	Port South Village/Carmen D. Villa (Closed, Transfer to Liberty Commons Rehabilitation Center)	0	0	12	12	0	-12	0	0	0	0	0
New Hanover	Port South Village/Catherine S. Villa (Closed, Transfer to Liberty Commons Rehabilitation Center)	0	0	12	12	0	-12	0	0	0	0	0
New Hanover	Port South Village/Crystal L. Villa (Closed, Transfer to Liberty Commons Rehabilitation Center)	0	0	12	12	0	-12	0	0	0	0	0
New Hanover	Port South Village/Lorraine B. Villa (Closed, Transfer to Liberty Commons Rehabilitation Center)	0	0	12	12	0	-12	0	0	0	0	0
New Hanover	Port South Village/Tara L. Villa (Cloded. Transfer to Liberty Commons Rehabilitation Center)	0	0	12	12	0	-12	0	0	0	0	0
New Hanover	Port South Village/Teresa C. Villa (Closed, Transfer to Liberty Commons Rehabilitation Center)	0	0	12	12	0	-12	0	0	0	0	0
New Hanover	Sherwood Manor Rest Home	0	0	40	40	0	0	0	0	40	0	40

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
New Hanover	Spring Arbor of Wilmington	0	0	66	66	0	0	0	0	66	0	66
New Hanover	The Commons at Brightmore	0	0	201	201	0	0	0	0	201	0	201
New Hanover	The Kempton at Brightmore	0	0	84	84	0	0	0	0	84	0	84
New Hanover Totals		130	0	975	1,105	0	0	0	0	1,105	9	1,096
Northampton	Hampton Manor	0	0	82	82	0	0	0	0	82	0	82
Northampton	Pine Forest Rest Home	0	0	24	24	0	0	0	0	24	0	24
Northampton	Rich Square Manor	0	0	32	32	0	0	0	0	32	0	32
Northampton	Rich Square Villa	0	0	38	38	0	0	0	0	38	0	38
Northampton	The Oaks at Pleasant Hill	0	0	66	66	0	0	0	0	66	0	66
Northampton Totals		0	0	242	242	0	0	0	0	242	0	242
Onslow	Liberty Commons Assisted Living	0	0	79	79	0	0	0	0	79	0	79
Onslow	Lighthouse Village	0	0	80	80	0	0	0	0	80	0	80
Onslow	Onslow Assisted Living	0	0	40	40	0	0	0	0	40	0	40
Onslow	Onslow House	0	0	160	160	0	0	0	0	160	0	160
Onslow	Premier Nursing and Rehabilitation Center	7	0	0	7	0	0	0	0	7	0	7
Onslow	The Arc Community	0	0	32	32	0	0	0	0	32	0	32
Onslow	The Heritage of Richlands	0	0	40	40	0	0	0	0	40	0	40
Onslow Totals		7	0	431	438	0	0	0	0	438	0	438
Orange	Brookdale Meadowmont	0	0	64	64	0	0	0	0	64	0	64
Orange	Brookshire Nursing Center	20	0	0	20	0	0	0	0	20	0	20
Orange	Carillon Assisted Living of Hillsborough (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Orange	Carol Woods	65	0	0	65	0	0	0	0	65	0	65
Orange	Carol Woods Retirement Community - Building 6	0	0	12	12	0	0	0	0	12	0	12
Orange	Carol Woods Retirement Community - Building 7	0	0	12	12	0	0	0	0	12	0	12
Orange	Crescent Green of Carrboro	0	0	120	120	0	0	0	0	120	0	120
Orange	Legion Road Healthcare	7	0	0	7	0	0	0	0	7	0	7
Orange	The Stratford	0	0	77	77	0	0	0	0	77	0	77
Orange	Villines Rest Home	0	0	17	17	0	0	0	0	17	0	17
Orange Totals		92	0	398	490	0	0	0	0	490	0	490
Pamlico	Grantsbrook Nursing and Rehabilitation Center	8	0	0	8	0	0	0	0	8	0	8
Pamlico	The Gardens of Pamlico	0	0	40	40	30	0	0	0	70	0	70
Pamlico Totals		8	0	40	48	30	0	0	0	78	0	78
Pasquotank	Brookdale Elizabeth City	0	0	76	76	0	0	0	0	76	0	76
Pasquotank	Heritage Care of Elizabeth City	0	0	60	60	0	0	0	0	60	0	60
Pasquotank	Waterbrooke of Elizabeth City	0	0	130	130	0	0	0	0	130	0	130
Pasquotank Totals		0	0	266	266	0	0	0	0	266	0	266
Pender	Ashe Gardens	0	0	60	60	0	0	0	0	60	0	60

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Pender	Pen-Du Rest Home	0	0	19	19	0	0	0	0	19	0	19
Pender	The Village on Campbell	23	0	0	23	0	0	0	0	23	0	23
Pender	Woodbury Wellness Center Inc	100	0	0	100	0	0	0	0	100	0	100
Pender Totals		123	0	79	202	0	0	0	0	202	0	202
Perquimans	Hertford House	0	0	0	0	50	0	0	0	50	0	50
Perquimans	Hertford Manor	0	0	24	24	0	0	0	0	24	0	24
Perquimans Totals		0	0	24	24	50	0	0	0	74	0	74
Person	Cambridge Hills Assisted Living	0	0	120	120	0	0	0	0	120	0	120
Person	Maple Heights Assisted Living	0	0	34	34	0	0	0	0	34	0	34
Person	The Canterbury House	0	0	60	60	0	0	0	0	60	0	60
Person Totals		0	0	214	214	0	0	0	0	214	0	214
Pitt	Brookdale Dickinson Avenue	0	0	76	76	0	0	0	0	76	0	76
Pitt	Brookdale W. Arlington Boulevard	0	0	60	60	0	0	0	0	60	0	60
Pitt	Cypress Glen Retirement Community	30	0	0	30	0	0	0	0	30	0	30
Pitt	Cypress Glen Retirement Community Memory Care Cottage	0	0	12	12	0	0	0	0	12	6	6
Pitt	Dixon House	0	0	80	80	0	0	0	0	80	0	80
Pitt	East Carolina Rehab and Wellness	20	0	0	20	0	0	0	0	20	0	20
Pitt	Oak Haven Assisted Living	0	0	54	54	0	0	0	0	54	0	54
Pitt	Red Oak Assisted Living	0	0	62	62	0	0	0	0	62	0	62
Pitt	Southern Living Assisted Care	0	0	120	120	0	0	0	0	120	0	120
Pitt	Spring Arbor of Greenville	0	0	66	66	0	0	0	0	66	0	66
Pitt	Winterville Manor	0	0	29	29	0	0	0	0	29	0	29
Pitt Totals		50	0	559	609	0	0	0	0	609	6	603
Polk	Laurelwoods	0	0	60	60	0	0	0	0	60	0	60
Polk	Ridge Rest	0	0	12	12	0	0	0	0	12	0	12
Polk	White Oak Manor-Tryon	30	0	0	30	0	0	0	0	30	0	30
Polk	WillowBrooke Court SC Center at Tryon Estates	44	0	0	44	0	0	0	0	44	0	44
Polk Totals		74	0	72	146	0	0	0	0	146	0	146
Randolph	Brookdale Asheboro	0	0	76	76	0	0	0	0	76	0	76
Randolph	Brookstone Haven	0	0	120	120	0	0	0	0	120	0	120
Randolph	Carillon Assisted Living of Asheboro	0	0	96	96	0	0	0	0	96	0	96
Randolph	Cross Road Retirement Community	0	0	152	152	0	0	0	0	152	0	152
Randolph	North Pointe	0	0	67	67	0	0	0	0	67	0	67
Randolph	North Pointe Assisted Living of Archdale	0	0	56	56	0	0	0	0	56	0	56
Randolph	Westwood Health and Rehabilitation Center	16	0	0	16	0	0	0	0	16	0	16
Randolph Totals		16	0	567	583	0	0	0	0	583	0	583
Richmond	Hamlet House	0	0	60	60	0	0	0	0	60	0	60
Richmond	Hermitage Retirement Center of Rockingham	0	0	114	114	0	0	0	0	114	0	114

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Richmond	New Hope Adult Care	0	0	15	15	0	0	0	0	15	0	15
Richmond	Richmond Pines Healthcare and Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Richmond Totals		10	0	189	199	0	0	0	0	199	0	199
Robeson	Covenant Care	0	0	30	30	0	0	0	0	30	0	30
Robeson	Cromartie Spring Village Rest Home	0	0	11	11	0	0	0	0	11	0	11
Robeson	GlenFlora	20	0	0	20	0	0	0	0	20	0	20
Robeson	Greenbrier of Fairmont	0	0	100	100	0	0	0	0	100	0	100
Robeson	Hope Springs	0	0	63	63	0	0	0	0	63	0	63
Robeson	Lumberton Assisted Living	0	0	104	104	0	0	0	0	104	0	104
Robeson	Morning Star AL # 2	0	0	12	12	0	0	0	0	12	0	12
Robeson	Morning Star AL # 3	0	0	12	12	0	0	0	0	12	0	12
Robeson	Morning Star AL # 4	0	0	12	12	0	0	0	0	12	0	12
Robeson	Morning Star Assisted Living	0	0	10	10	0	0	0	0	10	0	10
Robeson	Parkton Place	0	0	82	82	0	0	0	0	82	0	82
Robeson	Red Springs Assisted Living	0	0	81	81	0	0	0	0	81	0	81
Robeson	Wesley Pines Retirement Community	42	0	0	42	0	0	0	0	42	0	42
Robeson Totals		62	0	517	579	0	0	0	0	579	0	579
Rockingham	Brookdale Eden	0	0	82	82	0	0	0	0	82	0	82
Rockingham	Brookdale Reidsville	0	0	76	76	0	0	0	0	76	0	76
Rockingham	Highgrove Long Term Care Center	0	0	62	62	0	0	0	0	62	0	62
Rockingham	Moyer's Assited Living Rockingham	0	0	18	18	0	0	0	0	18	0	18
Rockingham	North Pointe of Mayodan	0	0	70	70	0	0	0	0	70	0	70
Rockingham	Penn Nursing Center	10	0	0	10	0	0	0	0	10	0	10
Rockingham	Pine Forrest Home for the Aged	0	0	58	58	0	0	0	0	58	0	58
Rockingham	Reidsville House (Closed)	0	0	43	43	0	-43	0	0	0	0	0
Rockingham	Reidsville House (Replacement facility)	0	0	0	0	0	43	0	0	43	0	43
Rockingham Totals		10	0	409	419	0	0	0	0	419	0	419
Rowan	Alpha Concord Plantation (Bed transfer of 5 ACH beds to Grayson Creek (Davidson Co))	0	0	34	34	0	-5	0	0	29	0	29
Rowan	Best Of Care Assisted Living	0	0	25	25	0	0	0	0	25	0	25
Rowan	Bethamy Retirement Center	0	0	43	43	0	0	0	0	43	0	43
Rowan	Big Elm Retirement and Nursing Centers	96	0	0	96	0	0	0	0	96	0	96
Rowan	Brightmoor Nursing Center	43	0	0	43	0	0	0	0	43	0	43
Rowan	Brookdale Salisbury	0	0	88	88	0	0	0	0	88	0	88
Rowan	Carillon Assisted Living of Salisbury (Beds awarded per settlement agreement from 2000 & 2007)	0	0	128	128	0	0	0	0	128	0	128
Rowan	China Grove Retirement Center	0	0	28	28	0	0	0	0	28	0	28
Rowan	Deal Care Inn	0	0	21	21	0	0	0	0	21	0	21
Rowan	Kannon Creek Assisted Living	0	0	106	106	0	0	0	0	106	0	106

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Rowan	Salisbury Center	20	0	0	20	0	0	0	0	20	0	20
Rowan	The Laurels of Salisbury	20	0	0	20	0	0	0	0	20	0	20
Rowan	The Meadows of Rockwell Retirement Center	0	0	120	120	0	0	0	0	120	0	120
Rowan	Trinity Oaks	25	0	0	25	0	-13	0	0	12	0	12
Rowan	Trinity Oaks Continuing Care Retirement Community	0	0	20	20	5	13	0	0	38	3	35
Rowan	Veranda Residential Care	0	0	89	89	0	0	0	0	89	0	89
Rowan Totals		204	0	702	906	5	-5	0	0	906	3	903
Rutherford	Brookdale Forest City	0	0	76	76	0	0	0	0	76	0	76
Rutherford	Colonial Manor Rest Home	0	0	34	34	0	0	0	0	34	0	34
Rutherford	Fair Haven Home	37	0	0	37	0	0	0	0	37	0	37
Rutherford	Fair Haven of Forest City	28	0	0	28	0	0	0	0	28	0	28
Rutherford	Haven-N-Hills Living Center	0	0	46	46	0	-46	0	0	0	0	0
Rutherford	Haven-N-Hills Living Center (Replacement facility.)	0	0	0	0	0	46	0	0	46	0	46
Rutherford	Henderson Care Center	0	0	86	86	0	0	0	0	86	0	86
Rutherford	Holly Springs Senior Citizens Home	0	0	32	32	0	0	0	0	32	0	32
Rutherford	Nana's Assisted Living Facility #2	0	0	44	44	0	0	0	0	44	0	44
Rutherford	Oak Grove Healthcare Center	16	0	0	16	0	0	0	0	16	0	16
Rutherford	Oakland Living Center	0	0	40	40	0	0	0	0	40	0	40
Rutherford	Restwell Home	0	0	20	20	0	0	0	0	20	0	20
Rutherford	Southern Manor Rest Home	0	0	25	25	0	0	0	0	25	0	25
Rutherford	Sunnyside Retirement Home	0	0	34	34	0	0	0	0	34	0	34
Rutherford Totals		81	0	437	518	0	0	0	0	518	0	518
Sampson	Autumn Wind Assisted Living of Roseboro	0	0	40	40	0	0	0	0	40	0	40
Sampson	Clinton House	0	0	60	60	0	0	0	0	60	0	60
Sampson	Mary Gran Nursing Center	30	0	0	30	0	0	0	0	30	0	30
Sampson	Rolling Ridge Assisted Living	0	0	61	61	0	0	0	0	61	0	61
Sampson	The Magnolia	0	0	91	91	0	0	0	0	91	0	91
Sampson 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
Scotland	Scotia Village	32	0	0	32	0	0	0	0	32	0	32
Scotland	Willow Place Assisted Living & Memory Care Community	0	0	74	74	0	0	0	0	74	0	74
Scotland Totals		32	0	174	206	0	0	0	0	206	0	206
Stanly	Bethany Woods Nursing and Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Stanly	Forrest Oakes Healthcare Center	17	0	0	17	0	0	0	0	17	0	17
Stanly	Spring Arbor of Albemarle	0	0	78	78	0	0	0	0	78	0	78
Stanly	Stanly Manor	10	0	0	10	0	0	0	0	10	0	10
Stanly	The Taylor House	0	0	30	30	0	0	0	0	30	0	30
Stanly	Trinity Place	10	0	0	10	0	0	0	0	10	0	10

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Stanly	Woodhaven Court	0	0	76	76	0	0	0	0	76	0	76
Stanly Totals		47	0	184	231	0	0	0	0	231	0	231
Stokes	Graceland Living Center I	0	0	12	12	0	0	0	0	12	0	12
Stokes	Graceland Living Center II	0	0	11	11	0	0	0	0	11	0	11
Stokes	Mountain Valley Living Center	0	0	26	26	0	0	0	0	26	0	26
Stokes	Priddy Manor Assisted Living	0	0	70	70	0	0	0	0	70	0	70
Stokes	Rose Tara Senior Living	0	0	65	65	0	0	0	0	65	0	65
Stokes	Universal Health Care/King	24	0	0	24	0	0	0	0	24	0	24
Stokes	Village Care of King	20	0	0	20	0	0	0	0	20	0	20
Stokes	Walnut Cove Health and Rehabilitation Center	9	0	0	9	0	0	0	0	9	0	9
Stokes	Walnut Ridge Assisted Living	0	0	63	63	0	0	0	0	63	0	63
Stokes Totals		53	0	247	300	0	0	0	0	300	0	300
Surry	Central Care	0	0	53	53	0	0	0	0	53	0	53
Surry	Chatham Nursing & Rehabilitation	28	0	0	28	0	0	0	0	28	0	28
Surry	Colonial Long Term Care Facility	0	0	54	54	0	0	0	0	54	0	54
Surry	Dunmore Plantation	0	0	60	60	0	0	0	0	60	0	60
Surry	Elkin Assisted Living	0	0	60	60	0	0	0	0	60	0	60
Surry	Ridge Crest Retirement	0	0	28	28	0	0	0	0	28	0	28
Surry	Riverwood Assisted Living Facility	0	0	65	65	0	0	0	0	65	0	65
Surry	Twelve Oaks	0	0	112	112	0	0	0	0	112	0	112
Surry Totals		28	0	432	460	0	0	0	0	460	0	460
Swain	Bryson City Assisted Living	0	0	50	50	0	0	0	0	50	0	50
Swain Totals		0	0	50	50	0	0	0	0	50	0	50
Transylvania	Cedar Mountain House	0	0	64	64	0	0	0	0	64	0	64
Transylvania	Kingsbridge House	0	0	60	60	0	0	0	0	60	0	60
Transylvania	The Oaks-Brevard	10	0	0	10	0	0	0	0	10	0	10
Transylvania Totals		10	0	124	134	0	0	0	0	134	0	134
Union	Autumn Care of Marshville	10	0	0	10	0	0	0	0	10	0	10
Union	Brian Center Health & Retirement/Monroe	12	0	0	12	0	0	0	0	12	0	12
Union	Brookdale Monroe Square 1	0	0	102	102	0	0	0	0	102	0	102
Union	Brookdale Monroe Square 2	0	0	65	65	0	0	0	0	65	0	65
Union	Brookdale Union Park	0	0	87	87	0	0	0	0	87	0	87
Union	Carillon Assisted Living at Indian Trail (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Union	Elizabethan Gardens	0	0	100	100	0	0	0	0	100	0	100
Union	Hillcrest Church Rest Home	0	0	20	20	0	0	0	0	20	0	20
Union	Monroe Manor Assisted Living Building I	0	0	12	12	0	0	0	0	12	0	12
Union	Monroe Manor Assisted Living Building II	0	0	12	12	0	0	0	0	12	0	12
Union	Woodridge Assisted Living Facility	0	0	80	80	0	0	0	0	80	0	80

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Union Totals		22	0	574	596	0	0	0	0	596	0	596
Vance	Green-Bullock Assisted Living Center	0	0	129	129	0	0	0	0	129	0	129
Vance	Kerr Lake Nursing and Rehabilitation Center	23	0	0	23	0	0	0	0	23	0	23
Vance	Senior Citizen's Home	54	0	0	54	0	0	0	0	54	0	54
Vance	Woodlawn Retirement Home	0	0	12	12	0	0	0	0	12	0	12
Vance Totals		77	0	141	218	0	0	0	0	218	0	218
Wake	Brighton Gardens of Raleigh	0	0	115	115	0	0	0	0	115	0	115
Wake	Brittany Place	8	0	0	8	0	0	0	0	8	4	4
Wake	Brookdale Cary	0	0	50	50	0	0	0	0	50	0	50
Wake	Brookdale MacArthur Park	0	0	80	80	0	0	0	0	80	0	80
Wake	Brookdale Wake Forest	0	0	70	70	0	0	0	0	70	0	70
Wake	Brookridge Assisted Living	0	0	55	55	0	0	0	0	55	0	55
Wake	Carillon Assisted Living of Fuquay Varina (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Wake	Carillon Assisted Living of Garner (Beds awarded per settlement agreement from 2000 & 2007)	0	0	0	0	84	0	0	0	84	0	84
Wake	Carillon Assisted Living of Knightdale (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Wake	Carillon Assisted Living of North Raleigh (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Wake	Carillon Assisted Living of Wake Forest (Beds awarded per settlement agreement from 2000 & 2007)	0	0	96	96	0	0	0	0	96	0	96
Wake	Cary Health and Rehabilitation Center	30	0	0	30	0	0	0	0	30	0	30
Wake	Chatham Commons	0	0	80	80	0	0	0	0	80	0	80
Wake	Coventry House Of Zebulon	0	0	60	60	0	0	0	0	60	0	60
Wake	Dan E. & Mary Louise Stewart Health Center of Springmoor	18	0	0	18	0	0	0	0	18	0	18
Wake	Elmcroft of Northridge	0	0	161	161	0	0	0	0	161	0	161
Wake	Falls River Court Memory Care Community	0	0	38	38	0	0	0	0	38	0	38
Wake	Falls River Village Assisted Living Community	0	0	60	60	0	0	0	0	60	0	60
Wake	Glenaire	9	0	0	9	0	0	0	0	9	0	9
Wake	HeartFields at Cary	0	0	97	97	0	0	0	0	97	0	97
Wake	Hillside Nursing Center of Wake Forest	20	0	0	20	0	0	0	0	20	0	20
Wake	James Rest Home (Closed.)	0	0	40	40	0	-40	0	0	0	0	0
Wake	Lawndale Manor	0	0	62	62	0	0	0	0	62	0	62
Wake	Lee's Long Term Care Facility (Bed transfer to Waltonwood Silverton)	0	0	65	65	0	-65	0	0	0	0	0
Wake	Litchford Falls Healthcare and Rehabilitation Center (31 bed transfer from Universal Health Care-Fuquay Varina and 20 beds transfer from Universal Health Care-North Raleigh.)	24	0	0	24	0	51	0	0	75	0	75
Wake	Magnolia Glen	0	0	66	66	0	0	0	0	66	0	66
Wake	Morningside of Raleigh	0	0	110	110	0	0	0	0	110	0	110

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Wake	North Pointe Assisted Living of Garner	0	0	126	126	0	0	0	0	126	0	126
Wake	Oliver House	0	0	100	100	0	0	0	0	100	0	100
Wake	Phoenix Assisted Care	0	0	120	120	0	0	0	0	120	0	120
Wake	Spring Arbor of Apex	0	0	76	76	0	0	0	0	76	0	76
Wake	Spring Arbor of Cary (Bed transfer from Spring Arbor of Wake County)	0	0	0	0	0	80	0	0	80	0	80
Wake	Spring Arbor of Raleigh	0	0	80	80	0	0	0	0	80	0	80
Wake	Spring Arbor of Wake County (Bed transfer to Spring Arbor of Cary)	0	0	80	80	0	-80	0	0	0	0	0
Wake	Sunrise Assisted Living at North Hills	0	0	160	160	0	0	0	0	160	0	160
Wake	Sunrise of Cary	0	0	85	85	0	0	0	0	85	0	85
Wake	Sunrise of Raleigh	0	0	100	100	0	0	0	0	100	0	100
Wake	The Cardinal at North Hills	0	0	0	0	45	0	0	0	45	23	22
Wake	The Covington	0	0	120	120	0	0	0	0	120	0	120
Wake	The Laurels of Forest Glen	20	0	0	20	0	0	0	0	20	0	20
Wake	Universal Health Care/Fuquay-Varina (31 Beds will be transferred to Litchford Falls.)	11	0	0	11	20	-31	0	0	0	0	0
Wake	Universal Health Care/North Raleigh (20 Beds to be transferred to Litchford Falls.)	20	0	0	20	0	-20	0	0	0	0	0
Wake	Wake Assisted Living	0	0	60	60	0	0	0	0	60	0	60
Wake	Waltonwood Cary Parkway (Bed transfer to Waltonwood Silverton)	0	0	85	85	0	-9	0	0	76	0	76
Wake	Waltonwood Lake Boone (Replacement Facility.)	0	0	0	0	0	40	0	0	40	0	40
Wake	Waltonwood Silverton (Transfer of 65 beds from Lee's Long Term Care Facility and 9 from Waltonwood Cary Parkway)	0	0	0	0	0	74	0	0	74	0	74
Wake	Wellington Rehabilitation and Healthcare	20	0	0	20	0	0	0	0	20	0	20
Wake	Windsor Point Continuing Care Retirement Community	55	0	0	55	0	0	0	0	55	0	55
Wake	Woodland Terrace	0	0	84	84	0	0	0	0	84	0	84
Wake	Zebulon House	0	0	60	60	0	0	0	0	60	0	60
Wake Totals		235	0	2,929	3,164	149	0	0	0	3,313	27	3,286
Warren	Boyd's Rest Home #2	0	0	10	10	0	0	0	0	10	0	10
Warren	Magnolia Gardens of Warrenton	0	0	86	86	0	0	0	0	86	0	86
Warren	Warren Hills Nursing Center	20	0	0	20	0	0	0	0	20	0	20
Warren Totals		20	0	96	116	0	0	0	0	116	0	116
Washington	Cypress Manor	0	0	40	40	0	0	0	0	40	0	40
Washington	Roanoke Landing Nursing and Rehabilitation Center	9	0	0	9	0	0	0	0	9	0	9
Washington Totals		9	0	40	49	0	0	0	0	49	0	49
Watauga	Blowing Rock Rehab Davant Extended Care Ctr (Beds transferred from Glenbridge Health & Rehabilitation)	0	0	0	0	0	20	0	0	20	0	20
Watauga	Deerfield Ridge Assisted Living	0	0	96	96	0	0	0	0	96	0	96

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Watauga	Glenbridge Health and Rehabilitation Center (Bed transfer to Blowing Rock Post-Acute Care.)	20	0	0	20	0	-20	0	0	0	0	0
Watauga	Mountain Care Facilities	0	0	60	60	0	0	0	0	60	0	60
Watauga Totals		20	0	156	176	0	0	0	0	176	0	176
Wayne	Brookdale Berkeley Boulevard	0	0	60	60	0	0	0	0	60	0	60
Wayne	Brookdale Country Day Road	0	0	104	104	0	0	0	0	104	0	104
Wayne	Countryside Village	0	0	40	40	0	0	0	0	40	0	40
Wayne	Fremont Rest Center	0	0	50	50	0	0	0	0	50	0	50
Wayne	Goldsboro Assisted Living & Alzheimer's Care	0	0	56	56	0	0	0	0	56	0	56
Wayne	LaGrange Gardens Assisted Living	0	0	37	37	0	0	0	0	37	0	37
Wayne	Renu Life Extended	0	0	37	37	0	0	0	0	37	0	37
Wayne	Somerset Court of Goldsboro	0	0	60	60	0	0	0	0	60	0	60
Wayne	Sutton's Retirement Center	0	0	40	40	0	0	0	0	40	0	40
Wayne	Waylin Life Care Center (Closed. Bed transfer of 104 beds to replacement facility, Wayne Assisted Living)	0	0	104	104	0	-104	0	0	0	0	0
Wayne	Wayne Assisted Living (Replacement facility for Waylin Life Care Center)	0	0	0	0	0	104	0	0	104	0	104
Wayne	Wayne County Rest Villa No. 1	0	0	12	12	0	0	0	0	12	0	12
Wayne	Wayne County Rest Villa No. 2	0	0	12	12	0	0	0	0	12	0	12
Wayne	Woodard Care	0	0	73	73	0	0	0	0	73	0	73
Wayne	Woodard's Retirement Village	0	0	60	60	0	0	0	0	60	0	60
Wayne Totals		0	0	745	745	0	0	0	0	745	0	745
Wilkes	Rose Glen Manor	0	0	60	60	0	0	0	0	60	0	60
Wilkes	The Villages of Wilkes Traditional Living	0	0	102	102	0	0	0	0	102	0	102
Wilkes	Westwood Hills Nursing & Rehabilitation Center	10	0	0	10	0	0	0	0	10	0	10
Wilkes	Wilkes County Adult Care	0	0	99	99	0	0	0	0	99	0	99
Wilkes	Wilkes Senior Village	19	0	0	19	0	0	0	0	19	0	19
Wilkes Totals		29	0	261	290	0	0	0	0	290	0	290
Wilson	Brian Center Health & Rehabilitation/Wilson	12	0	0	12	0	0	0	0	12	0	12
Wilson	Elm City Assisted Living	0	0	58	58	0	0	0	0	58	0	58
Wilson	Parkwood Village	0	0	70	70	0	0	0	0	70	0	70
Wilson	Spring Arbor of Wilson	0	0	72	72	0	0	0	0	72	0	72
Wilson	Wilson Assisted Living	0	0	88	88	0	0	0	0	88	0	88
Wilson	Wilson House	0	0	136	136	0	0	0	0	136	0	136
Wilson	Wilson Pines Nursing and Rehabilitation Center	30	0	0	30	0	0	0	0	30	0	30
Wilson Totals		42	0	424	466	0	0	0	0	466	0	466
Yadkin	Patriot Living of Yadkinville	0	0	50	50	0	0	0	0	50	0	50
Yadkin	Pinebrook Residential Center 1	0	0	54	54	0	0	0	0	54	0	54
Yadkin	Pinebrook Residential Center 2	0	0	65	65	0	0	0	0	65	0	65

Table 11A: Inventory of Adult Care Homes (Assisted Living) Beds

County	Facility Name	Licensed Beds in Nursing Homes	Licensed Beds in Hospitals	Licensed Beds in Adult Care Facilities	Total Licensed Beds	CON Approved/ License Pending		Bed Pipeline	Available in SMFP	Total Available	Sum of Exclusions	Total Planning Inventory
						CON	CON Bed Transfer					
Yadkin	The Magnolias Over Yadkin	0	0	20	20	0	0	0	0	20	0	20
Yadkin Totals		0	0	189	189	0	0	0	0	189	0	189
Yancey	Mountain Manor Assisted Living	0	0	29	29	0	0	0	0	29	0	29
Yancey	Yancey House	0	0	70	70	0	0	0	0	70	0	70
Yancey Totals		0	0	99	99	0	0	0	0	99	0	99
Grand Totals		4,746	20	38,215	42,981	1,285	10	0	0	44,276	237	44,039

Table 11B: Adult Care Home Need Projections for 2020

Service Areas	Projected 2020 Population					Projected 2020 Bed Utilization (Rounded)					Projected Bed Utilization Summary	Currently Licensed	# License Pending	Exclusions	Planning Inventory	Surplus / "-" = Deficit	Deficit Index	Occupancy Rate	Beds Needed
	Under Age 35	Age 35-64	Age 65-74	Age 75-84	Age 85 and up	<35	35-64	65-74	75-84	85+									
Alamance	74,718	62,903	16,980	8,986	3,783	6	90	94	173	287	650	758	0	7	751	101			0
Alexander	15,806	16,051	4,867	2,683	847	1	23	27	52	64	167	126	0	0	126	-41	-24.55%	82.54%	0
Alleghany	3,971	4,488	1,617	986	398	0	6	9	19	30	64	22	40	0	62	-2	-3.13%		0
Anson	11,074	10,560	2,831	1,456	544	1	15	16	28	41	101	113	0	0	113	12			0
Ashe	9,795	10,687	3,963	2,360	818	1	15	22	45	62	145	115	0	0	115	-30	-20.69%	90.43%	30
Avery	6,476	7,425	2,235	1,267	500	1	11	12	24	38	86	100	0	0	100	14			0
Beaufort	18,041	17,619	7,029	3,843	1,186	1	25	39	74	90	229	167	50	0	217	-12	-5.24%		0
Bertie	7,577	7,498	2,273	1,164	546	1	11	13	22	41	88	105	0	0	105	17			0
Bladen	14,395	13,401	4,499	2,299	761	1	19	25	44	58	147	150	0	0	150	3			0
Brunswick	43,717	51,352	25,541	13,330	3,092	3	74	141	256	235	709	321	340	0	661	-48	-6.77%		0
Buncombe	105,853	108,258	32,541	16,381	6,654	8	155	180	315	505	1,163	1,175	-25	10	1,140	-23	-1.98%		0
Burke	36,952	33,982	10,549	5,748	1,965	3	49	58	111	149	370	415	0	0	415	45			0
Cabarrus	97,861	89,050	18,111	8,974	3,021	8	128	100	173	229	638	934	0	0	934	296			0
Caldwell	33,457	32,265	9,735	5,189	1,580	3	46	54	100	120	323	349	0	0	349	26			0
Camden	4,295	4,477	1,085	589	200	0	6	6	11	15	38	24	0	0	24	-14	-36.84%	37.50%	0
Carteret *	24,367	27,565	10,420	5,644	1,889	2	40	58	109	143	352	186	110	0	296	-56	-15.91%	74.73%	0
Caswell	8,991	9,524	3,101	1,544	472	1	14	17	30	36	98	207	0	0	207	109			0
Catawba	67,471	61,594	17,312	8,724	2,831	5	88	96	168	215	572	723	0	0	723	151			0
Chatham	26,108	29,367	11,097	6,259	2,663	2	42	61	120	202	427	453	0	26	427	0			0
Cherokee	9,444	9,964	4,474	2,875	893	1	14	25	55	68	163	24	150	0	174	11			0
Chowan	5,753	5,324	1,970	1,159	462	0	8	11	22	35	76	120	0	0	120	44			0
Clay	3,683	3,912	1,850	1,130	390	0	6	10	22	30	68	70	0	0	70	2			0
Cleveland	42,680	37,495	11,535	5,790	1,859	3	54	64	111	141	373	423	0	0	423	50			0
Columbus	24,220	22,229	6,627	3,445	1,058	2	32	37	66	80	217	225	0	0	225	8			0
Craven *	47,266	36,976	10,783	6,183	2,460	4	53	60	119	187	423	611	0	0	611	188			0
Cumberland *	156,840	117,894	27,375	12,720	4,289	12	169	151	245	325	902	912	0	0	912	10			0
Currituck	11,297	12,275	3,023	1,390	349	1	18	17	27	26	89	90	0	0	90	1			0
Dare	13,164	14,834	5,021	2,436	762	1	21	28	47	58	155	120	0	0	120	-35	-22.58%	70.00%	0
Davidson	69,092	67,186	18,387	9,592	3,029	5	96	102	184	230	617	577	5	0	582	-35	-5.67%		0
Davie	16,214	16,310	5,076	2,809	1,060	1	23	28	54	80	186	212	0	0	212	26			0
Duplin	27,753	22,804	6,612	3,476	1,390	2	33	37	67	105	244	387	0	0	387	143			0
Durham	164,523	118,541	26,717	11,234	4,784	13	170	148	216	363	910	990	34	17	1,007	97			0
Edgecombe	23,473	20,477	6,665	3,154	1,168	2	29	37	61	89	218	312	0	0	312	94			0
Forsyth	180,576	144,007	37,278	18,280	7,541	14	207	206	351	572	1,350	2,229	24	21	2,232	882			0
Franklin	27,883	26,936	7,352	3,523	1,187	2	39	41	68	90	240	240	0	0	240	0			0

Table 11B: Adult Care Home Need Projections for 2020

Service Areas	Projected 2020 Population					Projected 2020 Bed Utilization (Rounded)					Projected Bed Utilization Summary	Currently Licensed	# License Pending	Exclusions	Planning Inventory	Surplus / "-" = Deficit	Deficit Index	Occupancy Rate	Beds Needed
	Under Age 35	Age 35-64	Age 65-74	Age 75-84	Age 85 and up	<35	35-64	65-74	75-84	85+									
Gaston	95,347	87,136	22,552	10,731	3,440	7	125	125	206	261	724	1,155	30	15	1,170	446			0
Gates **	5,011	4,497	1,384	762	261	0	6	8	15	20	49	80	0	0	80	31			0
Graham	3,623	3,387	1,209	733	274	0	5	7	14	21	47	23	0	0	23	-24	-51.06%	34.78%	20
Granville	23,685	24,972	6,430	3,081	1,068	2	36	36	59	81	214	251	0	0	251	37			0
Greene	8,858	8,757	2,256	1,040	399	1	13	12	20	30	76	57	0	0	57	-19	-25.00%	94.74%	20
Guilford	248,002	201,363	50,883	24,522	10,089	19	289	281	471	765	1,825	2,340	0	13	2,327	502			0
Halifax	20,933	19,600	6,391	3,203	1,203	2	28	35	62	91	218	205	0	0	205	-13	-5.96%		0
Harnett *	66,445	51,424	11,228	5,500	1,694	5	74	62	106	129	376	678	0	0	678	302			0
Haywood	22,063	23,444	8,588	5,376	2,005	2	34	47	103	152	338	323	0	0	323	-15	-4.44%		0
Henderson	42,155	43,769	16,742	10,889	4,387	3	63	93	209	333	701	593	25	16	602	-99	-14.12%	67.54%	0
Hertford	9,893	9,248	2,882	1,482	616	1	13	16	28	47	105	173	0	0	173	68			0
Hoke *	27,905	21,907	3,860	1,567	480	2	31	21	30	36	120	173	0	0	173	53			0
Hyde/Tyrrell	3,533	4,192	1,203	624	263	0	6	7	12	20	45	50	0	0	50	5			0
Iredell	76,222	74,042	17,799	8,995	2,830	6	106	98	173	215	598	934	0	0	934	336			0
Jackson	19,800	14,085	4,877	2,783	932	2	20	27	54	71	174	145	0	0	145	-29	-16.67%	80.00%	0
Johnston	90,419	82,909	17,928	8,230	2,364	7	119	99	158	179	562	707	0	0	707	145			0
Jones	4,310	3,995	1,386	679	245	0	6	8	13	19	46	20	0	0	20	-26	-56.52%	60.00%	30
Lee	27,334	21,884	5,736	3,056	1,232	2	31	32	59	93	217	323	0	0	323	106			0
Lenoir	25,027	21,766	6,911	3,495	1,334	2	31	38	67	101	239	327	0	0	327	88			0
Lincoln	33,327	34,839	9,688	4,685	1,310	3	50	54	90	99	296	381	0	0	381	85			0
Macon	13,409	12,853	5,731	3,599	1,382	1	18	32	69	105	225	178	0	0	178	-47	-20.89%	78.09%	0
Madison	8,441	8,669	3,181	1,610	566	1	12	18	31	43	105	89	0	0	89	-16	-15.24%	84.27%	0
Martin	8,958	8,731	3,193	1,622	555	1	13	18	31	42	105	182	0	0	182	77			0
McDowell	17,760	18,102	5,681	3,031	1,041	1	26	31	58	79	195	350	0	0	350	155			0
Mecklenburg	540,313	465,992	84,376	37,082	14,562	42	668	466	713	1,105	2,994	3,081	273	49	3,305	311			0
Mitchell	5,920	6,253	2,118	1,335	448	0	9	12	26	34	81	80	0	0	80	-1	-1.23%		0
Montgomery	11,851	10,154	3,473	1,807	661	1	15	19	35	50	120	180	0	0	180	60			0
Moore *	36,819	35,584	13,691	8,805	4,066	3	51	76	169	308	607	637	10	18	629	22			0
Nash	38,402	36,611	11,282	5,234	1,851	3	53	62	101	140	359	522	0	0	522	163			0
New Hanover	104,213	89,356	24,717	12,654	4,926	8	128	137	243	374	890	1,105	0	9	1,096	206			0
Northampton	7,920	7,558	2,617	1,607	714	1	11	14	31	54	111	242	0	0	242	131			0
Onslow *	98,066	56,656	12,059	6,027	1,975	8	81	67	116	150	422	438	0	0	438	16			0
Orange	73,193	54,274	14,250	6,065	2,140	6	78	79	117	162	442	490	0	0	490	48			0
Pamlico	4,282	5,056	2,168	1,286	501	0	7	12	25	38	82	48	30	0	78	-4	-4.88%		0
Pasquotank	18,894	14,809	3,891	2,002	735	1	21	22	38	56	138	266	0	0	266	128			0

Table 11B: Adult Care Home Need Projections for 2020

Service Areas	Projected 2020 Population					Projected 2020 Bed Utilization (Rounded)					Projected Bed Utilization Summary	Currently Licensed	# License Pending	Exclusions	Planning Inventory	Surplus / "-" = Deficit	Deficit Index	Occupancy Rate	Beds Needed
	Under Age 35	Age 35-64	Age 65-74	Age 75-84	Age 85 and up	<35	35-64	65-74	75-84	85+									
Pender	26,146	25,159	7,268	3,589	1,201	2	36	40	69	91	238	202	0	0	202	-36	-15.13%	70.79%	0
Perquimans	5,049	4,824	1,971	1,394	460	0	7	11	27	35	80	24	50	0	74	-6	-7.50%		0
Person	15,999	15,671	4,697	2,393	828	1	22	26	46	63	158	214	0	0	214	56			0
Pitt	93,352	61,706	15,214	6,833	2,673	7	89	84	131	203	514	609	0	6	603	89			0
Polk	7,078	7,814	3,425	2,063	956	1	11	19	40	73	144	146	0	0	146	2			0
Randolph	62,958	56,978	15,681	8,236	2,753	5	82	87	158	209	541	583	0	0	583	42			0
Richmond	19,888	17,185	5,072	2,456	730	2	25	28	47	55	157	199	0	0	199	42			0
Robeson	63,494	47,662	12,951	5,848	1,755	5	68	72	112	133	390	579	0	0	579	189			0
Rockingham	36,722	36,683	11,229	5,865	2,045	3	53	62	113	155	386	419	0	0	419	33			0
Rowan	60,482	53,349	14,841	7,436	2,602	5	77	82	143	197	504	906	0	3	903	399			0
Rutherford	26,915	25,745	8,263	4,620	1,503	2	37	46	89	114	288	518	0	0	518	230			0
Sampson	29,085	24,184	6,896	3,630	1,313	2	35	38	70	100	245	282	0	0	282	37			0
Scotland	15,204	12,730	4,096	1,856	596	1	18	23	36	45	123	206	0	0	206	83			0
Stanly	26,274	23,884	7,216	3,849	1,271	2	34	40	74	96	246	231	0	0	231	-15	-6.10%		0
Stokes	17,778	19,100	5,742	3,161	1,005	1	27	32	61	76	197	300	0	0	300	103			0
Surry	30,733	28,114	8,596	4,736	1,656	2	40	48	91	126	307	460	0	0	460	153			0
Swain	6,879	5,803	1,812	987	277	1	8	10	19	21	59	50	0	0	50	-9	-15.25%	0.00%	0
Transylvania	11,512	12,618	5,521	3,959	1,674	1	18	31	76	127	253	134	0	0	134	-119	-47.04%	64.93%	0
Union	112,194	98,875	19,868	9,873	2,810	9	142	110	190	213	664	596	0	0	596	-68	-10.24%	71.31%	0
Vance	20,461	16,084	4,920	2,476	926	2	23	27	48	70	170	218	0	0	218	48			0
Wake *	506,378	461,312	85,353	37,994	14,153	39	662	472	730	1,074	2,977	3,164	149	27	3,286	309			0
Warren	7,773	7,623	2,793	1,623	703	1	11	15	31	53	111	116	0	0	116	5			0
Washington	4,878	4,388	1,734	927	386	0	6	10	18	29	63	49	0	0	49	-14	-22.22%	87.76%	10
Watauga	30,297	15,515	5,409	2,932	1,111	2	22	30	56	84	194	176	0	0	176	-18	-9.28%		0
Wayne *	57,643	47,479	12,543	6,433	2,355	4	68	69	124	179	444	745	0	0	745	301			0
Wilkes	27,617	27,440	8,821	5,031	1,677	2	39	49	97	127	314	290	0	0	290	-24	-7.64%		0
Wilson	36,808	31,709	9,401	4,620	1,660	3	45	52	89	126	315	466	0	0	466	151			0
Yadkin	15,159	14,330	4,111	2,379	847	1	21	23	46	64	155	189	0	0	189	34			0
Yancey	6,658	6,743	2,492	1,520	533	1	10	14	29	40	94	99	0	0	99	5			0

Table 11B: Adult Care Home Need Projections for 2020

Service Areas	Projected 2020 Population					Projected 2020 Bed Utilization (Rounded)					Projected Bed Utilization Summary	Currently Licensed	# License Pending	Exclusions	Planning Inventory	Surplus / "-" = Deficit	Deficit Index	Occupancy Rate	Beds Needed
	Under Age 35	Age 35-64	Age 65-74	Age 75-84	Age 85 and up	<35	35-64	65-74	75-84	85+									
State Total	4,658,533	4,073,811	1,056,828	530,540	191,439	361	5,842	5,851	10,201	14,520	36,775	42,981	1,295	237	44,039				110

Average Combined Ratios for Beds per 1000 derived based on reported number of patients based on 2012 through 2016 License Renewal Applications.

0.08 Beds/1000 Under Age 35

1.43 Beds/1000 Age 35-64

5.53 Beds/1000 Age 65-74

19.22 Beds/1000 Age 75-84

75.87 Beds/1000 Age 85 and over

* Projections for under age 35 were adjusted to exclude active duty military personnel.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined the need for 126 adult care home beds. There is no need anywhere else in the state and no other reviews are scheduled. However, in response to a petition from Montgomery County, the State Health Coordinating Council approved an adjusted need determination for 16 adult care home beds with a preference for CON applicants who are proposing the addition of special care unit beds.

Table 11C: Adult Care Home Bed Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

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
Ashe	I	30	February 15, 2017	March 1, 2017
Graham	I	20	February 15, 2017	March 1, 2017
Greene	VI	20	February 15, 2017	March 1, 2017
Jones	VI	30	July 17, 2017	August 1, 2017
Montgomery***	V	16	April 17, 2017	May 1, 2017
Washington	VI	10	July 17, 2017	August 1, 2017

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).

***In response to a petition from Montgomery County, the State Health Coordinating Council approved an adjusted need determination for 16 adult care home beds with a preference for CON applicants who are proposing the addition of special care unit beds.

Table 11D: Inventory of Nursing Homes With Six or Less Adult Care Home Beds

County	License Number	Name	Adult Care Home Beds
Alamance	NH0351	Twin Lakes Community	4
Buncombe	NH0463	The Laurels of GreenTree Ridge	2
Buncombe	NH0235	Mountain Ridge Health and Rehab	3
Burke	NH0553	College Pines Health and Rehab Center	4
Cabarrus	NH0453	Transitional Health Services of Kannapolis	5
Cumberland	NH0001	Whispering Pines Nursing & Rehabilitation Center	2
Durham	NH0615	The Cedars of Chapel Hill	4
Haywood	NH0520	Brian Center Health and Rehabilitation/Waynesville	5
Mecklenburg	NH0584	The Stewart Health Center	4
Mecklenburg	NH0573	Asbury Care Center	5
Mecklenburg	NH0574	Brookdale Carriage Club Providence	2
Mitchell	NH0433	Brian Center Health & Rehabilitation/Spruce Pine	6
Orange	NH0093	PruittHealth-Carolina Point	2
Person	NH0265	Roxboro Healthcare & Rehabilitation Center	5
Robeson	NH0472	Highland Acres Nursing and Rehabilitation Center	5
Rowan	NH0424	Autumn Care of Salisbury	3
Union	NH0310	Monroe Rehabilitation Center	5
Wake	NH0622	The Rosewood Health Center	4
Wake	NH0354	Tower Nursing and Rehabilitation Center	6

Chapter 12:

Home Health Services

CHAPTER 12

HOME HEALTH SERVICES

Summary of Medicare-certified Home Health Agency Supply and Utilization

In the fall of 2016, the North Carolina Division of Health Service Regulation reported 215 Medicare-certified home health agencies in North Carolina.

Data from the “Home Health Agency 2016 Annual Data Supplements” indicated a total of 229,207 home health patients were served during 2015 (*FY 2014-2015*). This represents a 4.5 percent increase in the reported number of patients from 2014. Compared to 2014 data, the average “State Use Rates per 1,000 Population” increased in all categories except the Under Age 18 category.

Age Group	2014 Use Rate	2015 Use Rate
Under Age 18	1.97	1.74
Ages 18 – 64	10.96	11.12
Ages 65 – 74	61.16	62.97
Ages 75 & Over	160.29	164.41

Changes from the Previous Plan

No substantive changes have been made in the home health policy, assumptions or methodology. For the North Carolina 2017 State Medical Facilities Plan, 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 1,000 population” should be calculated over the previous three years for each age group in each COG region and applied to current “use rates per 1,000 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 325 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 325 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 2018 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 category of “Employment Status-Armed Forces” in the “Selected Economic Characteristics” portion of the American Community Survey 2014 5-year Estimates.

Utilization:

Patient origin data were compiled from “Home Health Agency 2016 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 1,000 Population” over the previous three years.
- Step 3: For each county, for each age group, total the number of home health patients served in 2015 as reported from agencies’ “Home Health Agency 2016 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 2018 for each age group.
- Step 6: For each county, for each age group, divide the number of patients served in 2015 by the county’s population (*in 1,000’s for each age group*). This produces use rates per 1,000 population for the county.
- Step 7: Multiply the “Average Annual Rate of Change in Use Rate per 1,000 Population” for each age group from the affiliated COG region times the county use rates per 1,000 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 1,000 population in 2018 for each age group.
- Step 9: For each age group, multiply the anticipated use rate per 1,000 population for 2018 times the projected 2018 population. The result is the potential number of home health patients in 2018.
- 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 325 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 325 clients, the agency’s reported number of patients is not adjusted. If a new agency office served fewer than 325 clients, an adjustment “placeholder” equal to the difference between the reported number of home health patients and 325 is used.

- Step 11: For each county, sum the anticipated number of patients who may be served in 2018 (*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 2018.
- Step 12: For each county, sum the potential number of home health patients in 2018 (*from Step 9*) across all four age groups. The result is the “Projected Utilization in 2018.”
- Step 13: For each county, subtract the “Projected Utilization in 2018” 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 2018 (unmet need shows as a negative number of patients, *i.e.*, a “patient deficit”). A remainder including fractions of 0.50 or greater is rounded to the next highest whole number and a remainder including fractions less than 0.50 is rounded to the next lowest whole number.
- Step 14: For each county, need for one new Medicare-certified agency office is determined for each projected deficit of 325 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.

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 Certificate of Need to arrange pre-application conferences prior to submission of applications.

Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0249	Advanced Home Care	Alamance	Alamance	6	43	224	118	294	391	292	1368	385	683
HC0303	CareSouth Homecare Professionals	Guilford	Alamance	0	3	50	27	126	179	257	642	80	436
HC0952	Gentiva Health Services	Guilford	Alamance	0	5	87	75	147	145	110	569	167	255
HC0030	UNC Home Health	Orange	Alamance	4	31	126	50	100	66	35	412	207	101
HC0134	Amedisys Home Health	Alamance	Alamance	0	5	47	23	68	95	84	322	75	179
HC0360	Duke Home Health	Durham	Alamance	1	6	42	25	53	36	23	186	73	59
HC0361	Life Path Home Health	Alamance	Alamance	7	4	12	9	20	36	24	112	25	60
HC0124	Liberty Home Care	Davidson	Alamance	0	1	5	5	33	32	27	103	11	59
HC0489	Caswell County Home Health Agency	Caswell	Alamance	12	9	8	5	5	3	1	43	22	4
HC1885	Interim HealthCare of the Triad, Inc.	Guilford	Alamance	1	1	6	2	6	13	9	38	9	22
HC1286	BAYADA Home Health Care, Inc.	Guilford	Alamance	0	0	3	3	7	10	2	25	6	12
HC1176	Liberty Home Care	Durham	Alamance	0	0	2	1	7	5	5	20	3	10
HC0297	Advanced Home Care	Guilford	Alamance	0	2	2	1	6	3	2	16	5	5
HC0327	Brookdale Home Health Raleigh	Durham	Alamance	0	0	0	0	2	5	7	14	0	12
HC0528	Liberty Home Care	Chatham	Alamance	0	0	1	1	3	1	2	8	2	3
HC0114	CarePartners Home Health Services	Buncombe	Alamance	0	0	0	1	0	2	4	7	1	6
HC0354	BAYADA Home Health Care, Inc.	Person	Alamance	0	0	1	0	0	2	2	5	1	4
HC1437	North Carolina Home Health	Wake	Alamance	0	0	0	0	0	2	2	4	0	4
HC0217	Advanced Home Care, Inc.	Rockingham	Alamance	0	0	1	0	1	1	0	3	1	1
HC0145	Amedisys Home Health	Alamance	Alamance	0	0	0	0	0	0	1	1	0	1
HC0426	Liberty Home Care	Lee	Alamance	0	1	0	0	0	0	0	1	1	0
HC0521	Piedmont Home Care	Davidson	Alamance	0	0	0	0	1	0	0	1	0	0
HC0279	CarePartners Home Health Services	Haywood	Alamance	0	0	0	0	0	1	0	1	0	1
HC0828	Pediatric Services of America, Inc.	Wake	Alamance	0	0	0	0	0	0	0	0	0	0
Alamance Totals				31	111	617	346	879	1,028	889	3,901	1,074	1,917
HC0227	Gentiva Health Services	Catawba	Alexander	0	12	100	61	107	89	52	421	173	141
HC0476	Alexander County Home Health Agency	Alexander	Alexander	24	14	30	15	51	81	50	265	59	131
HC0515	Iredell Home Health	Iredell	Alexander	3	8	28	11	37	23	17	127	47	40
HC0057	Guardian Health Services	Catawba	Alexander	3	7	12	8	22	26	12	90	27	38
HC0490	Catawba County Home Health Agency	Catawba	Alexander	4	9	14	12	14	16	9	78	35	25
HC1902	Interim Healthcare of the Triad, Inc.	Catawba	Alexander	0	3	6	3	6	9	5	32	12	14
HC0487	Advanced Home Care	Caldwell	Alexander	0	2	4	2	11	7	0	26	8	7
HC0357	BAYADA Home Health Care, Inc.	Rowan	Alexander	0	0	0	1	3	3	1	8	1	4
HC0272	Gentiva Health Services	Catawba	Alexander	0	0	1	0	1	0	1	3	1	1
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	Alexander	0	0	1	1	0	0	0	2	2	0
HC0114	CarePartners Home Health Services	Buncombe	Alexander	0	0	0	1	0	0	1	2	1	1

Figures were entered from the 2016 Home Health Data Supplements. Data were self-reported to Healthcare Planning.

Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0399	Advanced Home Care	Rowan	Alexander	0	0	0	0	0	0	1	1	0	1
HC0159	Gentiva Health Services	Iredell	Alexander	0	0	0	0	1	0	0	1	0	0
HC0296	PruittHealth Home Health	Surry	Alexander	0	0	0	0	0	0	0	0	0	0
Alexander Totals				34	55	196	115	253	254	149	1,056	366	403
HC0478	Medi Home Health and Hospice	Alleghany	Alleghany	0	4	15	5	37	36	23	120	24	59
HC0420	Liberty Home Care	Surry	Alleghany	0	1	4	1	12	8	4	30	6	12
HC0296	PruittHealth Home Health	Surry	Alleghany	0	4	5	0	4	0	3	16	9	3
HC0479	Medi Home Health and Hospice	Ashe	Alleghany	0	0	0	0	1	0	0	1	0	0
Alleghany Totals				0	9	24	6	54	44	30	167	39	74
HC1238	Union Regional Home Care	Union	Anson	3	10	56	36	79	61	44	289	102	105
HC2057	Gentiva Health Services	Union	Anson	0	5	53	29	58	60	70	275	87	130
HC0264	Liberty Home Care	Anson	Anson	0	3	29	5	22	19	13	91	37	32
HC2404	Health@Home - Troy	Montgomery	Anson	18	12	19	6	6	9	1	71	37	10
HC0308	Health@Home - Albemarle	Stanly	Anson	6	1	4	2	4	7	4	28	7	11
HC0403	Healthkeeperz	Scotland	Anson	0	0	2	0	3	0	1	6	2	1
HC1038	Healthy@ Home - Carolinas Medical Center - Charlotte	Mecklenburg	Anson	1	0	0	0	0	0	0	1	0	0
Anson Totals				28	31	163	78	172	156	133	761	272	289
HC0479	Medi Home Health and Hospice	Ashe	Ashe	0	16	37	30	117	133	145	478	83	278
HC1544	Gentiva Health Services	Watauga	Ashe	0	6	47	27	67	76	43	266	80	119
HC0296	PruittHealth Home Health	Surry	Ashe	0	0	0	0	2	0	0	2	0	0
HC0420	Liberty Home Care	Surry	Ashe	0	0	0	0	1	0	0	1	0	0
HC0124	Liberty Home Care	Davidson	Ashe	0	0	0	0	1	0	0	1	0	0
Ashe Totals				0	22	84	57	188	209	188	748	163	397
HC1544	Gentiva Health Services	Watauga	Avery	0	3	27	26	67	80	62	265	56	142
HC0317	PruittHealth Home Health - Avery	Avery	Avery	5	3	23	22	53	46	28	180	48	74
HC0477	Medi Home Health and Hospice	Watauga	Avery	0	3	13	9	33	34	33	125	25	67
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	Avery	0	0	0	0	0	1	0	1	0	1
Avery Totals				5	9	63	57	153	161	123	571	129	284
HC0329	Gentiva Health Services	Beaufort	Beaufort	0	11	90	64	173	161	120	619	165	281
HC1634	Vidant Home Health and Hospice	Beaufort	Beaufort	1	16	108	56	152	137	73	543	180	210
HC0168	AssistedCare of the Carolinas	Greene	Beaufort	1	0	7	1	11	6	3	29	8	9
HC0379	Hydeland Home Care Agency	Hyde	Beaufort	0	0	1	2	4	8	8	23	3	16
HC0328	Gentiva Health Services	Pitt	Beaufort	0	0	1	0	0	4	1	6	1	5
HC1443	Vidant Home Health and Hospice	Pitt	Beaufort	0	0	2	0	4	0	0	6	2	0
HC0493	PruittHealth Home Health - New Bern	Craven	Beaufort	0	0	0	0	0	1	0	1	0	1
Beaufort Totals				2	27	209	123	344	317	205	1,227	359	522

Figures were entered from the 2016 Home Health Data Supplements. Data were self-reported to Healthcare Planning.

Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC1052	Vidant Home Health and Hospice	Bertie	Bertie	0	11	34	22	39	66	33	205	67	99
HC0480	Bertie County Home Health	Bertie	Bertie	1	5	21	14	26	28	22	117	40	50
HC0329	Gentiva Health Services	Beaufort	Bertie	0	1	17	11	24	34	23	110	29	57
HC0504	Hertford - Gates Home Health Agency	Hertford	Bertie	0	2	7	7	23	29	8	76	16	37
HC0530	Northampton Co. Home Health Agency	Northampton	Bertie	0	0	0	0	0	1	0	1	0	1
Bertie Totals				1	19	79	54	112	158	86	509	152	244
HC0309	Liberty Home Care	Bladen	Bladen	0	7	54	48	81	108	63	361	109	171
HC0481	Bladen County Home Health Agency	Bladen	Bladen	9	14	53	29	63	48	35	251	96	83
HC1231	Well Care Home Health	New Hanover	Bladen	4	7	32	17	52	42	8	162	56	50
HC1500	AssistedCare Home Health	Brunswick	Bladen	2	5	33	13	41	30	23	147	51	53
HC0235	Southeastern Home Health	Robeson	Bladen	2	1	3	4	42	3	2	57	8	5
HC1185	HealthKeeperz	Robeson	Bladen	0	3	7	3	13	10	4	40	13	14
HC0532	NHRMC Home Care	Pender	Bladen	1	1	14	2	13	4	1	36	17	5
HC3421	Native Angels Home Health, Inc.	Cumberland	Bladen	2	0	4	5	8	10	0	29	9	10
HC0359	HealthKeeperz	Cumberland	Bladen	0	0	4	3	5	3	3	18	7	6
HC0320	Liberty Home Care	Columbus	Bladen	0	0	2	2	3	10	1	18	4	11
HC0283	Cape Fear Valley Home Health	Cumberland	Bladen	0	0	0	1	2	2	1	6	1	3
HC0257	Sampson Home Health	Sampson	Bladen	0	0	1	0	0	2	1	4	1	3
HC0492	Columbus County Home Health	Columbus	Bladen	0	0	1	0	0	0	2	3	1	2
HC0403	Healthkeeperz	Scotland	Bladen	0	0	1	0	0	0	1	2	1	1
HC0526	Robeson County Home Health Agency	Robeson	Bladen	2	0	0	0	0	0	0	2	0	0
HC0196	Liberty Home Care	New Hanover	Bladen	0	0	0	1	0	0	0	1	1	0
Bladen Totals				22	38	209	128	323	272	145	1,137	375	417
HC1231	Well Care Home Health	New Hanover	Brunswick	58	46	175	126	452	345	243	1445	347	588
HC0288	Liberty Home Care	Brunswick	Brunswick	0	26	106	70	322	332	253	1109	202	585
HC1500	AssistedCare Home Health	Brunswick	Brunswick	5	21	86	72	224	178	106	692	179	284
HC0532	NHRMC Home Care	Pender	Brunswick	7	23	127	77	241	118	41	634	227	159
HC0196	Liberty Home Care	New Hanover	Brunswick	0	0	5	3	12	10	12	42	8	22
HC0309	Liberty Home Care	Bladen	Brunswick	0	0	0	0	1	0	0	1	0	0
HC0359	HealthKeeperz	Cumberland	Brunswick	0	0	0	1	0	0	0	1	1	0
HC3694	Liberty Home Care and Hospice	Mecklenburg	Brunswick	0	0	0	0	0	0	1	1	0	1
HC0492	Columbus County Home Health	Columbus	Brunswick	0	0	1	0	0	0	0	1	1	0
HC2562	Liberty Home Care	Wake	Brunswick	0	0	0	0	1	0	0	1	0	0
HC0320	Liberty Home Care	Columbus	Brunswick	0	0	1	0	0	0	0	1	1	0
Brunswick Totals				70	116	501	349	1,253	983	656	3,928	966	1,639
HC0114	CarePartners Home Health Services	Buncombe	Buncombe	152	161	659	404	1069	1039	812	4296	1224	1851

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Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC2114	Gentiva Health Services	Buncombe	Buncombe	0	30	175	92	217	217	265	996	297	482
HC0911	Park Ridge Home Health	Henderson	Buncombe	0	14	79	30	88	60	63	334	123	123
HC0440	CarePartners Home Health Services	Henderson	Buncombe	0	9	38	24	98	75	69	313	71	144
HC0279	CarePartners Home Health Services	Haywood	Buncombe	1	7	70	34	61	80	32	285	111	112
HC0435	CareSouth Homecare Professionals	McDowell	Buncombe	0	3	15	18	47	69	48	200	36	117
HC0419	Madison Home Care & Hospice	Madison	Buncombe	0	0	4	5	6	5	15	35	9	20
HC0201	Pardee Home Care	Henderson	Buncombe	0	2	2	3	6	4	4	21	7	8
HC0109	Home Care Services of Haywood Regional Medical Center	Haywood	Buncombe	1	1	2	0	2	3	0	9	3	3
HC0067	Transylvania Home Care and Hospice	Transylvania	Buncombe	1	0	0	0	1	0	1	3	0	1
HC0445	CareSouth Homecare Professionals	Rutherford	Buncombe	0	0	0	0	0	0	2	2	0	2
HC0436	CareSouth Homecare Professionals	Polk	Buncombe	0	0	0	0	0	1	0	1	0	1
Buncombe Totals				155	227	1,044	610	1,595	1,553	1,311	6,495	1,881	2,864
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	Burke	0	38	210	94	266	314	193	1115	342	507
HC0272	Gentiva Health Services	Catawba	Burke	0	21	116	68	182	151	120	658	205	271
HC0057	Guardian Health Services	Catawba	Burke	24	10	50	26	80	88	43	321	86	131
HC0490	Catawba County Home Health Agency	Catawba	Burke	28	21	60	40	45	42	17	253	121	59
HC0487	Advanced Home Care	Caldwell	Burke	0	1	10	8	13	12	6	50	19	18
HC1902	Interim Healthcare of the Triad, Inc.	Catawba	Burke	1	0	11	6	5	5	0	28	17	5
HC0435	CareSouth Homecare Professionals	McDowell	Burke	0	1	4	0	8	5	5	23	5	10
HC0477	Medi Home Health and Hospice	Watauga	Burke	0	0	3	2	3	3	1	12	5	4
HC0186	Carolina Home Care	Rutherford	Burke	2	0	1	4	1	0	1	9	5	1
HC1544	Gentiva Health Services	Watauga	Burke	0	0	1	1	0	4	1	7	2	5
HC0227	Gentiva Health Services	Catawba	Burke	0	0	0	1	0	1	0	2	1	1
HC0445	CareSouth Homecare Professionals	Rutherford	Burke	0	0	0	0	1	0	0	1	0	0
HC0440	CarePartners Home Health Services	Henderson	Burke	0	0	0	0	0	0	1	1	0	1
HC0356	BAYADA Home Health Care, Inc.	Gaston	Burke	0	0	0	0	1	0	0	1	0	0
Burke Totals				55	92	466	250	605	625	388	2,481	808	1,013
HC0270	Gentiva Health Services	Rowan	Cabarrus	0	45	366	186	522	434	407	1960	597	841
HC4677	Health @ Home - Carolinas Medical Center North	Mecklenburg	Cabarrus	3	57	282	126	321	289	162	1240	465	451
HC0486	BAYADA Home Health Care, Inc.	Cabarrus	Cabarrus	0	6	58	54	157	169	140	584	118	309
HC0281	Advanced Home Care	Cabarrus	Cabarrus	2	29	114	64	133	143	74	559	207	217
HC0399	Advanced Home Care	Rowan	Cabarrus	0	11	46	19	49	61	35	221	76	96
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Cabarrus	1	16	38	17	32	17	14	135	71	31
HC0308	Health@Home - Albemarle	Stanly	Cabarrus	23	7	16	6	11	3	7	73	29	10
HC1038	Healthy@ Home - Carolinas Medical Center - Charlotte	Mecklenburg	Cabarrus	48	2	0	0	0	0	0	50	2	0
HC0369	Brookdale Home Health Charlotte	Mecklenburg	Cabarrus	0	0	0	0	5	7	15	27	0	22

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0355	BAYADA Home Health Care, Inc.	Mecklenburg	Cabarrus	0	0	1	0	0	6	9	16	1	15
HC1238	Union Regional Home Care	Union	Cabarrus	2	0	2	1	4	4	2	15	3	6
HC0357	BAYADA Home Health Care, Inc.	Rowan	Cabarrus	0	0	5	0	5	2	1	13	5	3
HC3694	Liberty Home Care and Hospice	Mecklenburg	Cabarrus	0	0	2	2	4	1	2	11	4	3
HC0171	Advanced Home Care	Mecklenburg	Cabarrus	0	1	2	1	4	1	0	9	4	1
HC2404	Health@Home - Troy	Montgomery	Cabarrus	3	0	0	0	1	0	1	5	0	1
HC1325	Lake Norman Home Health	Iredell	Cabarrus	0	0	0	0	2	2	0	4	0	2
HC0787	Gentiva Health Services	Mecklenburg	Cabarrus	0	0	0	1	0	0	0	1	1	0
HC0495	Amedisys Home Health Care	Davidson	Cabarrus	0	0	0	0	0	1	0	1	0	1
HC0124	Liberty Home Care	Davidson	Cabarrus	0	0	1	0	0	0	0	1	1	0
Cabarrus Totals				82	174	933	477	1,250	1,140	869	4,925	1,584	2,009
HC0272	Gentiva Health Services	Catawba	Caldwell	0	13	122	79	191	226	142	773	214	368
HC0057	Guardian Health Services	Catawba	Caldwell	28	25	111	66	198	146	111	685	202	257
HC0487	Advanced Home Care	Caldwell	Caldwell	0	9	65	39	109	87	44	353	113	131
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	Caldwell	0	10	59	26	71	65	33	264	95	98
HC0490	Catawba County Home Health Agency	Catawba	Caldwell	24	11	33	23	53	16	16	176	67	32
HC1902	Interim Healthcare of the Triad, Inc.	Catawba	Caldwell	2	3	19	8	11	15	1	59	30	16
HC0477	Medi Home Health and Hospice	Watauga	Caldwell	0	0	2	0	2	4	2	10	2	6
HC0227	Gentiva Health Services	Catawba	Caldwell	0	0	1	2	0	0	0	3	3	0
HC1544	Gentiva Health Services	Watauga	Caldwell	0	0	0	0	0	1	0	1	0	1
Caldwell Totals				54	71	412	243	635	560	349	2,324	726	909
HC0473	Albemarle Home Care	Camden	Camden	4	6	28	13	25	27	23	126	47	50
HC1071	Sentara Home Care Services	Pasquotank	Camden	0	5	13	10	15	11	7	61	28	18
HC0475	Albemarle Home Care	Currituck	Camden	0	0	0	0	0	1	0	1	0	1
Camden Totals				4	11	41	23	40	39	30	188	75	69
HC0488	Carteret Healthcare Home Health & Hospice	Carteret	Carteret	2	3	80	47	169	192	165	658	130	357
HC0073	Gentiva Health Services	Carteret	Carteret	0	5	53	39	118	161	147	523	97	308
HC1353	Liberty Home Care	Carteret	Carteret	0	2	22	25	62	91	66	268	49	157
HC0506	3HC	Jones	Carteret	1	0	6	11	14	6	10	48	17	16
HC0165	CarolinaEast Home Care	Craven	Carteret	0	6	12	4	9	2	3	36	22	5
HC0493	PruittHealth Home Health - New Bern	Craven	Carteret	0	0	2	2	4	0	2	10	4	2
HC1209	Continuum Home Care and Hospice	Onslow	Carteret	0	1	0	0	0	3	0	4	1	3
HC1231	Well Care Home Health	New Hanover	Carteret	0	0	1	1	1	1	0	4	2	1
HC0431	Gentiva Health Services	Jones	Carteret	0	0	0	1	1	0	1	3	1	1
HC0316	Liberty Home Care	Onslow	Carteret	0	0	0	1	2	0	0	3	1	0
HC0508	3HC	Wilson	Carteret	0	0	0	0	1	0	0	1	0	0

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Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0228	3HC	Wayne	Carteret	0	0	0	1	0	0	0	1	1	0
HC2562	Liberty Home Care	Wake	Carteret	0	0	0	0	0	1	0	1	0	1
Carteret Totals				3	17	176	132	381	457	394	1,560	325	851
HC0489	Caswell County Home Health Agency	Caswell	Caswell	6	22	66	30	54	63	57	298	118	120
HC0217	Advanced Home Care, Inc.	Rockingham	Caswell	1	8	40	14	61	42	23	189	62	65
HC0354	BAYADA Home Health Care, Inc.	Person	Caswell	0	0	1	4	20	16	11	52	5	27
HC0249	Advanced Home Care	Alamance	Caswell	0	1	12	5	16	10	4	48	18	14
HC0134	Amedisys Home Health	Alamance	Caswell	0	0	3	2	12	13	8	38	5	21
HC0303	CareSouth Homecare Professionals	Guilford	Caswell	0	0	1	1	11	10	5	28	2	15
HC0124	Liberty Home Care	Davidson	Caswell	0	0	3	3	8	6	6	26	6	12
HC0533	Home Health and Hospice of Person County	Person	Caswell	0	0	2	0	1	3	0	6	2	3
HC2803	UNC Home Health	Chatham	Caswell	0	0	0	3	0	0	0	3	3	0
HC0361	Life Path Home Health	Alamance	Caswell	0	0	0	0	0	2	0	2	0	2
HC0297	Advanced Home Care	Guilford	Caswell	0	0	0	1	1	0	0	2	1	0
HC0952	Gentiva Health Services	Guilford	Caswell	0	0	1	0	1	0	0	2	1	0
HC0074	Well Care Home Health, Inc.	Wake	Caswell	0	0	0	0	1	0	0	1	0	0
Caswell Totals				7	31	129	63	186	165	114	695	223	279
HC0490	Catawba County Home Health Agency	Catawba	Catawba	92	138	352	158	306	302	192	1540	648	494
HC0227	Gentiva Health Services	Catawba	Catawba	0	32	240	144	399	381	303	1499	416	684
HC0272	Gentiva Health Services	Catawba	Catawba	0	14	102	70	192	243	260	881	186	503
HC0057	Guardian Health Services	Catawba	Catawba	21	13	100	49	177	193	117	670	162	310
HC1902	Interim Healthcare of the Triad, Inc.	Catawba	Catawba	4	8	39	18	41	36	18	164	65	54
HC0487	Advanced Home Care	Caldwell	Catawba	0	6	25	11	26	28	14	110	42	42
HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Catawba	0	7	19	4	18	13	2	63	30	15
HC0906	Advanced Home Care	Gaston	Catawba	0	3	8	6	12	9	4	42	17	13
HC1325	Lake Norman Home Health	Iredell	Catawba	0	1	5	7	7	10	3	33	13	13
HC0369	Brookdale Home Health Charlotte	Mecklenburg	Catawba	0	0	0	1	2	12	13	28	1	25
HC0515	Iredell Home Health	Iredell	Catawba	2	1	7	3	6	5	0	24	11	5
HC0356	BAYADA Home Health Care, Inc.	Gaston	Catawba	0	0	2	2	7	8	3	22	4	11
HC0476	Alexander County Home Health Agency	Alexander	Catawba	7	0	0	0	0	0	0	7	0	0
HC0353	Amedisys Home Health Care	Gaston	Catawba	0	0	1	0	1	3	0	5	1	3
HC0357	BAYADA Home Health Care, Inc.	Rowan	Catawba	0	0	0	1	1	0	0	2	1	0
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Catawba	0	0	0	0	0	0	1	1	0	1
HC0435	CareSouth Homecare Professionals	McDowell	Catawba	0	0	0	0	1	0	0	1	0	0
Catawba Totals				126	223	900	474	1,196	1,243	930	5,092	1,597	2,173
HC2803	UNC Home Health	Chatham	Chatham	2	7	69	49	118	114	69	428	125	183

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0528	Liberty Home Care	Chatham	Chatham	0	2	16	13	88	90	129	338	31	219
HC0929	CareSouth Homecare Professionals	Randolph	Chatham	0	2	8	1	16	44	61	132	11	105
HC0166	Amedisys Home Health of Chapel Hill	Orange	Chatham	0	0	10	11	22	21	41	105	21	62
HC0522	Home Health of Randolph Hospital	Randolph	Chatham	7	0	7	3	14	18	19	68	10	37
HC0360	Duke Home Health	Durham	Chatham	1	1	9	8	23	13	3	58	18	16
HC0953	Gentiva Health Services	Randolph	Chatham	0	1	7	1	5	16	7	37	9	23
HC0074	Well Care Home Health, Inc.	Wake	Chatham	1	1	4	3	7	5	2	23	8	7
HC0426	Liberty Home Care	Lee	Chatham	0	0	0	2	4	5	3	14	2	8
HC0299	Gentiva Health Services	Wake	Chatham	0	0	3	1	3	1	3	11	4	4
HC2112	Medi Home Health Agency	Wake	Chatham	0	0	1	1	4	3	2	11	2	5
HC4538	PruittHealth Home Health	Wake	Chatham	0	0	2	1	2	0	1	6	3	1
HC0397	CareBridge Home Health	Randolph	Chatham	3	0	1	0	0	0	0	4	1	0
HC2562	Liberty Home Care	Wake	Chatham	0	0	0	0	2	1	0	3	0	1
HC0249	Advanced Home Care	Alamance	Chatham	0	0	0	0	0	2	1	3	0	3
HC0952	Gentiva Health Services	Guilford	Chatham	0	0	0	0	0	2	0	2	0	2
HC0422	Rex Home Services	Wake	Chatham	0	0	0	0	2	0	0	2	0	0
HC0031	Transitions LifeCare	Wake	Chatham	0	1	0	0	0	1	0	2	1	1
HC0134	Amedisys Home Health	Alamance	Chatham	0	0	0	0	0	0	1	1	0	1
HC1176	Liberty Home Care	Durham	Chatham	0	0	0	0	0	1	0	1	0	1
HC0002	Liberty Home Care	Moore	Chatham	0	0	0	0	0	1	0	1	0	1
HC0828	Pediatric Services of America, Inc.	Wake	Chatham	0	0	0	0	0	0	0	0	0	0
Chatham Totals				14	15	137	94	310	338	342	1,250	246	680
HC0275	Good Shepherd Home Health and Hospice Agency, Inc.	Cherokee	Cherokee	3	16	71	54	140	140	105	529	141	245
HC0104	Mountain Home Nursing Service	Clay	Cherokee	0	5	22	16	70	65	53	231	43	118
Cherokee Totals				3	21	93	70	210	205	158	760	184	363
HC0474	Albemarle Home Care	Chowan	Chowan	4	5	37	24	63	67	65	265	66	132
HC1052	Vidant Home Health and Hospice	Bertie	Chowan	0	0	4	6	10	7	4	31	10	11
HC1071	Sentara Home Care Services	Pasquotank	Chowan	0	1	5	3	7	5	1	22	9	6
HC0472	Albemarle Home Care	Perquimans	Chowan	0	0	1	0	2	0	0	3	1	0
HC0473	Albemarle Home Care	Camden	Chowan	0	0	0	0	0	1	0	1	0	1
Chowan Totals				4	6	47	33	82	80	70	322	86	150
HC0104	Mountain Home Nursing Service	Clay	Clay	0	3	12	9	51	47	50	172	24	97
HC0318	Good Shepherd Home Health and Hospice Agency, Inc.	Clay	Clay	0	0	20	14	35	30	27	126	34	57
Clay Totals				0	3	32	23	86	77	77	298	58	154
HC0221	Gentiva Health Services	Cleveland	Cleveland	1	29	242	157	434	464	410	1737	428	874
HC0042	Healthy@Home-Cleveland County HealthCare System	Cleveland	Cleveland	0	55	248	101	297	246	138	1085	404	384

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HC1903	Interim HealthCare of the Triad, Inc.	Gaston	Cleveland	83	39	82	31	68	58	19	380	152	77
HC0906	Advanced Home Care	Gaston	Cleveland	0	10	38	23	54	21	5	151	71	26
HC0356	BAYADA Home Health Care, Inc.	Gaston	Cleveland	0	1	10	8	18	24	32	93	19	56
HC0353	Amedisys Home Health Care	Gaston	Cleveland	0	2	14	5	12	16	12	61	21	28
HC0445	CareSouth Homecare Professionals	Rutherford	Cleveland	0	0	2	3	14	7	2	28	5	9
HC0186	Carolina Home Care	Rutherford	Cleveland	5	1	4	1	6	1	1	19	6	2
HC0057	Guardian Health Services	Catawba	Cleveland	1	2	3	2	0	1	0	9	7	1
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Cleveland	0	0	0	0	4	1	0	5	0	1
HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Cleveland	0	0	0	1	0	1	0	2	1	1
HC0159	Gentiva Health Services	Iredell	Cleveland	0	0	0	0	1	0	1	2	0	1
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	Cleveland	0	0	0	0	0	0	1	1	0	1
HC0227	Gentiva Health Services	Catawba	Cleveland	0	0	0	1	0	0	0	1	1	0
Cleveland Totals				90	139	643	333	908	840	621	3,574	1,115	1,461
HC0320	Liberty Home Care	Columbus	Columbus	1	18	97	72	201	199	137	725	187	336
HC0492	Columbus County Home Health	Columbus	Columbus	9	45	153	72	128	152	77	636	270	229
HC1231	Well Care Home Health	New Hanover	Columbus	26	28	158	74	145	119	44	594	260	163
HC1500	AssistedCare Home Health	Brunswick	Columbus	0	12	46	29	63	55	30	235	87	85
HC0532	NHRMC Home Care	Pender	Columbus	0	4	18	13	36	25	7	103	35	32
HC3421	Native Angels Home Health, Inc.	Cumberland	Columbus	6	1	11	4	3	5	1	31	16	6
HC1185	HealthKeeperz	Robeson	Columbus	1	1	4	1	1	1	1	10	6	2
HC0403	Healthkeeperz	Scotland	Columbus	1	2	3	1	0	2	1	10	6	3
HC0309	Liberty Home Care	Bladen	Columbus	0	1	1	2	3	2	0	9	4	2
HC0235	Southeastern Home Health	Robeson	Columbus	0	0	1	0	1	1	0	3	1	1
HC0196	Liberty Home Care	New Hanover	Columbus	0	0	0	0	0	2	0	2	0	2
HC0526	Robeson County Home Health Agency	Robeson	Columbus	0	0	0	0	0	2	0	2	0	2
HC0359	HealthKeeperz	Cumberland	Columbus	0	0	0	1	0	0	0	1	1	0
Columbus Totals				44	112	492	269	581	565	298	2,361	873	863
HC0165	CarolinaEast Home Care	Craven	Craven	5	24	143	78	189	160	95	694	245	255
HC0431	Gentiva Health Services	Jones	Craven	0	19	67	40	128	175	194	623	126	369
HC0506	3HC	Jones	Craven	0	19	62	28	80	88	61	338	109	149
HC0316	Liberty Home Care	Onslow	Craven	0	4	19	12	44	46	39	164	35	85
HC0073	Gentiva Health Services	Carteret	Craven	0	3	11	12	23	29	22	100	26	51
HC1353	Liberty Home Care	Carteret	Craven	0	1	11	4	17	26	18	77	16	44
HC0493	PruittHealth Home Health - New Bern	Craven	Craven	0	1	5	2	13	11	14	46	8	25
HC0428	Gentiva Health Services	Lenoir	Craven	0	0	6	2	4	9	4	25	8	13
HC1209	Continuum Home Care and Hospice	Onslow	Craven	0	1	2	3	3	11	5	25	6	16

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HC0329	Gentiva Health Services	Beaufort	Craven	0	0	0	2	2	4	0	8	2	4
HC0328	Gentiva Health Services	Pitt	Craven	0	0	1	0	0	0	1	2	1	1
HC0168	AssistedCare of the Carolinas	Greene	Craven	0	0	1	0	1	0	0	2	1	0
HC0509	3HC	Pitt	Craven	0	0	1	0	0	0	1	2	1	1
HC1634	Vidant Home Health and Hospice	Beaufort	Craven	0	0	0	1	0	1	0	2	1	1
HC0195	3HC	Lenoir	Craven	0	0	1	0	0	0	0	1	1	0
HC1443	Vidant Home Health and Hospice	Pitt	Craven	0	0	0	0	0	1	0	1	0	1
Craven Totals				5	72	330	184	504	561	454	2,110	586	1,015
HC0283	Cape Fear Valley Home Health	Cumberland	Cumberland	0	67	241	142	336	414	295	1495	450	709
HC0255	3HC	Sampson	Cumberland	7	75	221	105	212	173	111	904	401	284
HC0292	Amedisys Home Health of Fayetteville	Cumberland	Cumberland	0	19	102	51	163	215	194	744	172	409
HC0359	HealthKeeperz	Cumberland	Cumberland	43	46	136	79	152	152	93	701	261	245
HC0274	Liberty Home Care	Cumberland	Cumberland	0	14	64	43	160	123	154	558	121	277
HC3421	Native Angels Home Health, Inc.	Cumberland	Cumberland	69	28	95	44	87	109	90	522	167	199
HC0125	Liberty Home Care	Harnett	Cumberland	0	1	10	7	12	15	13	58	18	28
HC1185	HealthKeeperz	Robeson	Cumberland	1	5	11	4	13	8	9	51	20	17
HC0257	Sampson Home Health	Sampson	Cumberland	0	0	2	1	1	0	1	5	3	1
HC0526	Robeson County Home Health Agency	Robeson	Cumberland	1	2	0	1	0	0	0	4	3	0
HC0074	Well Care Home Health, Inc.	Wake	Cumberland	0	0	0	2	2	0	0	4	2	0
HC0423	FirstHealth Home Care-Richmond	Richmond	Cumberland	0	2	1	1	0	0	0	4	4	0
HC0277	Liberty Home Care	Hoke	Cumberland	0	1	0	0	2	0	0	3	1	0
HC0235	Southeastern Home Health	Robeson	Cumberland	0	0	1	0	1	0	1	3	1	1
HC4538	PruittHealth Home Health	Wake	Cumberland	0	0	2	0	0	0	0	2	2	0
HC0228	3HC	Wayne	Cumberland	0	1	1	0	0	0	0	2	2	0
HC2112	Medi Home Health Agency	Wake	Cumberland	0	0	0	0	0	1	0	1	0	1
HC0002	Liberty Home Care	Moore	Cumberland	0	0	0	0	1	0	0	1	0	0
HC0426	Liberty Home Care	Lee	Cumberland	0	1	0	0	0	0	0	1	1	0
HC0507	3HC	Johnston	Cumberland	0	0	0	0	1	0	0	1	0	0
Cumberland Totals				121	262	887	480	1,143	1,210	961	5,064	1,629	2,171
HC0475	Albemarle Home Care	Currituck	Currituck	8	10	46	32	65	69	57	287	88	126
HC1071	Sentara Home Care Services	Pasquotank	Currituck	1	12	63	30	61	50	37	254	105	87
HC0471	Albemarle Home Care	Pasquotank	Currituck	1	0	1	0	0	0	0	2	1	0
HC0494	Dare Home Health & Dare Hospice	Dare	Currituck	0	0	0	1	1	0	0	2	1	0
HC0473	Albemarle Home Care	Camden	Currituck	0	0	1	0	0	0	0	1	1	0
Currituck Totals				10	22	111	63	127	119	94	546	196	213
HC0494	Dare Home Health & Dare Hospice	Dare	Dare	10	17	64	46	106	124	96	463	127	220

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Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC1071	Sentara Home Care Services	Pasquotank	Dare	1	10	40	17	56	59	20	203	67	79
Dare Totals				11	27	104	63	162	183	116	666	194	299
HC0297	Advanced Home Care	Guilford	Davidson	6	30	199	86	180	173	80	754	315	253
HC0358	BAYADA Home Health Care, Inc.	Davidson	Davidson	0	10	83	60	166	183	100	602	153	283
HC1104	CareSouth Homecare Professionals per MFF/AHC.	Davidson	Davidson	0	7	59	36	119	140	83	444	102	223
HC0499	Advanced Home Care, Inc.	Forsyth	Davidson	1	21	79	40	93	94	36	364	140	130
HC0521	Piedmont Home Care	Davidson	Davidson	0	7	57	34	103	142	13	356	98	155
HC0567	Gentiva Health Services	Forsyth	Davidson	0	11	57	31	83	78	36	296	99	114
HC0495	Amedisys Home Health Care	Davidson	Davidson	0	4	21	22	68	90	87	292	47	177
HC0124	Liberty Home Care	Davidson	Davidson	0	2	35	19	68	80	46	250	56	126
HC0409	Wake Forest Baptist Health at Home, LLC	Forsyth	Davidson	0	5	25	16	17	18	7	88	46	25
HC0522	Home Health of Randolph Hospital	Randolph	Davidson	7	1	10	9	13	26	13	79	20	39
HC1885	Interim HealthCare of the Triad, Inc.	Guilford	Davidson	5	1	25	12	20	13	1	77	38	14
HC0231	Gentiva Health Services	Forsyth	Davidson	0	0	12	3	9	13	19	56	15	32
HC0953	Gentiva Health Services	Randolph	Davidson	0	0	9	3	12	22	7	53	12	29
HC0399	Advanced Home Care	Rowan	Davidson	0	2	6	6	6	6	1	27	14	7
HC1131	Gentiva Health Services	Forsyth	Davidson	0	1	11	3	4	1	5	25	15	6
HC0265	Gentiva Health Services	Rowan	Davidson	0	0	2	2	7	9	3	23	4	12
HC1210	Gentiva Health Services	Forsyth	Davidson	0	0	3	3	3	2	4	15	6	6
HC1886	Interim HealthCare of the Triad, Inc.	Forsyth	Davidson	2	4	1	0	4	4	0	15	5	4
HC0395	Brookdale Home Health Winston	Guilford	Davidson	0	0	0	0	4	6	2	12	0	8
HC0308	Health@Home - Albemarle	Stanly	Davidson	0	0	1	0	1	2	0	4	1	2
HC0952	Gentiva Health Services	Guilford	Davidson	0	0	1	0	1	0	0	2	1	0
HC0005	BAYADA Home Health Care, Inc.	Forsyth	Davidson	0	0	1	1	0	0	0	2	2	0
HC0281	Advanced Home Care	Cabarrus	Davidson	1	0	1	0	0	0	0	2	1	0
HC0929	CareSouth Homecare Professionals	Randolph	Davidson	0	0	1	0	0	0	0	1	1	0
HC0357	BAYADA Home Health Care, Inc.	Rowan	Davidson	0	0	0	0	0	1	0	1	0	1
HC1286	BAYADA Home Health Care, Inc.	Guilford	Davidson	0	0	1	0	0	0	0	1	1	0
Davidson Totals				22	106	700	386	981	1,103	543	3,841	1,192	1,646
HC0496	Davie County Home Health Agency	Davie	Davie	1	15	60	42	86	193	168	565	117	361
HC0499	Advanced Home Care, Inc.	Forsyth	Davie	4	12	55	27	67	66	28	259	94	94
HC0170	Gentiva Health Services	Iredell	Davie	0	1	35	30	66	41	36	209	66	77
HC0124	Liberty Home Care	Davidson	Davie	0	0	1	2	21	23	16	63	3	39
HC1304	Amedisys Home Health of Winston-Salem	Forsyth	Davie	0	3	12	8	18	11	4	56	23	15
HC0005	BAYADA Home Health Care, Inc.	Forsyth	Davie	0	0	4	5	5	8	9	31	9	17
HC0409	Wake Forest Baptist Health at Home, LLC	Forsyth	Davie	0	0	7	4	6	5	4	26	11	9

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Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0515	Iredell Home Health	Iredell	Davie	0	1	6	2	5	5	3	22	9	8
HC0357	BAYADA Home Health Care, Inc.	Rowan	Davie	0	0	2	3	5	4	4	18	5	8
HC1104	CareSouth Homecare Professionals per MFF/AHC.	Davidson	Davie	0	0	3	0	8	2	3	16	3	5
HC0521	Piedmont Home Care	Davidson	Davie	0	0	2	2	4	6	1	15	4	7
HC0399	Advanced Home Care	Rowan	Davie	0	0	2	1	2	2	1	8	3	3
HC0296	PruittHealth Home Health	Surry	Davie	0	0	2	0	0	1	0	3	2	1
HC1131	Gentiva Health Services	Forsyth	Davie	0	0	1	1	1	0	0	3	2	0
HC0227	Gentiva Health Services	Catawba	Davie	0	0	0	0	0	1	0	1	0	1
HC0358	BAYADA Home Health Care, Inc.	Davidson	Davie	0	0	1	0	0	0	0	1	1	0
Davie Totals				5	32	193	127	294	368	277	1,296	352	645
HC0053	Vidant Home Health & Hospice	Duplin	Duplin	5	20	84	49	108	152	126	544	153	278
HC1231	Well Care Home Health	New Hanover	Duplin	0	2	53	34	92	60	56	297	89	116
HC1565	Gentiva Health Services	Lenoir	Duplin	0	3	38	31	54	68	59	253	72	127
HC0532	NHRMC Home Care	Pender	Duplin	7	6	30	26	56	70	43	238	62	113
HC0228	3HC	Wayne	Duplin	0	1	11	7	23	28	6	76	19	34
HC0195	3HC	Lenoir	Duplin	0	1	7	1	12	14	5	40	9	19
HC0255	3HC	Sampson	Duplin	0	1	6	6	5	13	4	35	13	17
HC1500	AssistedCare Home Health	Brunswick	Duplin	0	1	9	2	6	6	3	27	12	9
HC0257	Sampson Home Health	Sampson	Duplin	1	2	4	0	2	6	8	23	6	14
HC1209	Continuum Home Care and Hospice	Onslow	Duplin	0	1	3	0	4	7	3	18	4	10
HC0316	Liberty Home Care	Onslow	Duplin	0	0	1	3	2	6	4	16	4	10
HC1241	Liberty Home Care	Pender	Duplin	0	0	1	1	1	2	1	6	2	3
HC0531	Onslow County Home Health and Hospice	Onslow	Duplin	0	1	2	1	0	1	0	5	4	1
HC0074	Well Care Home Health, Inc.	Wake	Duplin	0	0	1	1	1	1	1	5	2	2
HC0168	AssistedCare of the Carolinas	Greene	Duplin	0	0	1	0	2	2	0	5	1	2
HC0125	Liberty Home Care	Harnett	Duplin	0	0	0	0	0	1	1	2	0	2
HC0507	3HC	Johnston	Duplin	0	0	0	0	0	1	0	1	0	1
HC0506	3HC	Jones	Duplin	0	0	0	0	1	0	0	1	0	0
Duplin Totals				13	39	251	162	369	438	320	1,592	452	758
HC0360	Duke Home Health	Durham	Durham	19	95	375	215	456	473	400	2033	685	873
HC0074	Well Care Home Health, Inc.	Wake	Durham	7	25	96	45	145	131	111	560	166	242
HC0145	Amedisys Home Health	Alamance	Durham	0	8	32	42	122	162	179	545	82	341
HC1176	Liberty Home Care	Durham	Durham	0	4	51	36	128	137	149	505	91	286
HC0299	Gentiva Health Services	Wake	Durham	0	3	29	22	63	72	81	270	54	153
HC0030	UNC Home Health	Orange	Durham	0	17	53	35	63	46	37	251	105	83
HC2112	Medi Home Health Agency	Wake	Durham	0	15	23	20	66	47	31	202	58	78

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0339	Intrepid USA Healthcare Services	Wake	Durham	0	0	20	23	54	41	37	175	43	78
HC0249	Advanced Home Care	Alamance	Durham	0	11	39	19	46	35	18	168	69	53
HC4538	PruittHealth Home Health	Wake	Durham	0	0	11	7	23	21	16	78	18	37
HC2111	Gentiva Health Services	Durham	Durham	0	1	5	4	6	5	12	33	10	17
HC0327	Brookdale Home Health Raleigh	Durham	Durham	0	0	1	0	3	6	13	23	1	19
HC1437	North Carolina Home Health	Wake	Durham	0	0	4	1	4	7	5	21	5	12
HC0354	BAYADA Home Health Care, Inc.	Person	Durham	0	0	2	0	5	8	2	17	2	10
HC0828	Pediatric Services of America, Inc.	Wake	Durham	15	0	0	0	0	0	0	15	0	0
HC3820	BAYADA Home Health Care, Inc.	Wake	Durham	0	0	3	3	3	1	1	11	6	2
HC0031	Transitions LifeCare	Wake	Durham	0	0	3	1	2	2	0	8	4	2
HC0533	Home Health and Hospice of Person County	Person	Durham	0	0	1	0	2	1	1	5	1	2
HC0166	Amedisys Home Health of Chapel Hill	Orange	Durham	0	0	0	0	1	1	0	2	0	1
HC2562	Liberty Home Care	Wake	Durham	0	0	0	0	1	0	0	1	0	0
HC0361	Life Path Home Health	Alamance	Durham	1	0	0	0	0	0	0	1	0	0
HC0522	Home Health of Randolph Hospital	Randolph	Durham	0	0	0	1	0	0	0	1	1	0
Durham Totals				42	179	748	474	1,193	1,196	1,093	4,925	1,401	2,289
HC0508	3HC	Wilson	Edgecombe	6	23	90	45	107	114	66	451	158	180
HC0497	Gentiva Health Services	Nash	Edgecombe	0	4	71	51	102	130	79	437	126	209
HC1443	Vidant Home Health and Hospice	Pitt	Edgecombe	0	11	46	37	56	48	20	218	94	68
HC0498	Edgecombe HomeCare & Hospice	Edgecombe	Edgecombe	5	14	38	19	32	39	37	184	71	76
HC0168	AssistedCare of the Carolinas	Greene	Edgecombe	0	4	35	17	30	34	21	141	56	55
HC0343	Wilson County Home Health	Wilson	Edgecombe	0	2	5	1	1	2	1	12	8	3
HC0328	Gentiva Health Services	Pitt	Edgecombe	0	0	1	1	4	1	1	8	2	2
HC0074	Well Care Home Health, Inc.	Wake	Edgecombe	0	0	1	0	1	2	0	4	1	2
HC0509	3HC	Pitt	Edgecombe	0	0	1	1	1	0	1	4	2	1
Edgecombe Totals				11	58	288	172	334	370	226	1,459	518	596
HC0499	Advanced Home Care, Inc.	Forsyth	Forsyth	25	122	489	262	650	676	435	2659	873	1111
HC0567	Gentiva Health Services	Forsyth	Forsyth	0	12	159	112	342	426	305	1356	283	731
HC1304	Amedisys Home Health of Winston-Salem	Forsyth	Forsyth	0	30	157	74	235	276	303	1075	261	579
HC0231	Gentiva Health Services	Forsyth	Forsyth	0	11	65	44	101	247	417	885	120	664
HC0409	Wake Forest Baptist Health at Home, LLC	Forsyth	Forsyth	0	34	162	96	204	139	98	733	292	237
HC0005	BAYADA Home Health Care, Inc.	Forsyth	Forsyth	0	12	88	68	166	155	101	590	168	256
HC1104	CareSouth Homecare Professionals per MFF/AHC.	Davidson	Forsyth	0	8	46	34	101	132	120	441	88	252
HC1885	Interim HealthCare of the Triad, Inc.	Guilford	Forsyth	30	25	51	43	98	41	10	298	119	51
HC0124	Liberty Home Care	Davidson	Forsyth	0	1	27	19	55	84	102	288	47	186
HC0521	Piedmont Home Care	Davidson	Forsyth	0	2	27	11	37	64	82	223	40	146

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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	Forsyth	0	5	44	34	67	42	27	219	83	69
HC0296	PruittHealth Home Health	Surry	Forsyth	0	20	52	18	33	21	11	155	90	32
HC1886	Interim HealthCare of the Triad, Inc.	Forsyth	Forsyth	10	3	35	11	27	47	13	146	49	60
HC1699	Gentiva Health Services	Stokes	Forsyth	0	0	9	7	24	26	20	86	16	46
HC0297	Advanced Home Care	Guilford	Forsyth	2	1	17	4	28	25	8	85	22	33
HC0496	Davie County Home Health Agency	Davie	Forsyth	0	0	0	1	8	9	26	44	1	35
HC1210	Gentiva Health Services	Forsyth	Forsyth	0	0	1	3	5	12	18	39	4	30
HC0395	Brookdale Home Health Winston	Guilford	Forsyth	0	0	0	0	4	9	10	23	0	19
HC0358	BAYADA Home Health Care, Inc.	Davidson	Forsyth	0	0	1	2	5	12	2	22	3	14
HC0495	Amedisys Home Health Care	Davidson	Forsyth	0	0	2	0	2	5	4	13	2	9
HC0217	Advanced Home Care, Inc.	Rockingham	Forsyth	0	0	1	1	1	2	0	5	2	2
HC0952	Gentiva Health Services	Guilford	Forsyth	0	0	1	1	1	0	0	3	2	0
HC1286	BAYADA Home Health Care, Inc.	Guilford	Forsyth	0	0	0	0	0	1	1	2	0	2
HC0522	Home Health of Randolph Hospital	Randolph	Forsyth	0	0	1	0	0	0	0	1	1	0
HC0420	Liberty Home Care	Surry	Forsyth	0	0	0	0	0	1	0	1	0	1
HC0134	Amedisys Home Health	Alamance	Forsyth	0	0	0	1	0	0	0	1	1	0
Forsyth Totals				67	286	1,435	846	2,194	2,452	2,113	9,393	2,567	4,565
HC0215	Gentiva Health Services	Franklin	Franklin	0	8	98	67	164	169	116	622	173	285
HC0074	Well Care Home Health, Inc.	Wake	Franklin	0	9	50	35	87	56	36	273	94	92
HC0500	Franklin County Home Health Agency	Franklin	Franklin	9	15	49	25	41	46	62	247	89	108
HC0078	Amedisys Home Health	Franklin	Franklin	0	3	18	12	52	37	43	165	33	80
HC0422	Rex Home Services	Wake	Franklin	0	4	14	16	32	31	7	104	34	38
HC2112	Medi Home Health Agency	Wake	Franklin	0	1	7	9	21	26	16	80	17	42
HC0360	Duke Home Health	Durham	Franklin	1	1	16	11	16	9	1	55	28	10
HC2562	Liberty Home Care	Wake	Franklin	0	0	10	6	10	9	7	42	16	16
HC0339	Intrepid USA Healthcare Services	Wake	Franklin	0	0	4	1	13	7	8	33	5	15
HC3820	BAYADA Home Health Care, Inc.	Wake	Franklin	0	0	5	5	4	3	1	18	10	4
HC0031	Transitions LifeCare	Wake	Franklin	0	0	1	0	1	3	5	10	1	8
HC1293	WakeMed Home Health	Wake	Franklin	0	0	5	0	1	3	1	10	5	4
HC0823	Maria Parham Regional Home Health	Vance	Franklin	0	0	3	1	1	1	1	7	4	2
HC4538	PruittHealth Home Health	Wake	Franklin	0	0	0	0	1	2	3	6	0	5
HC0828	Pediatric Services of America, Inc.	Wake	Franklin	0	0	0	0	0	0	0	0	0	0
Franklin Totals				10	41	280	188	444	402	307	1,672	509	709
HC0906	Advanced Home Care	Gaston	Gaston	2	99	552	260	719	565	305	2502	911	870
HC0268	Gentiva Health Services	Gaston	Gaston	0	45	299	196	500	498	352	1890	540	850
HC0353	Amedisys Home Health Care	Gaston	Gaston	1	37	156	62	256	369	335	1216	255	704

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC1903	Interim HealthCare of the Triad, Inc.	Gaston	Gaston	176	61	132	43	72	48	23	555	236	71
HC0042	Healthy@Home-Cleveland County HealthCare System	Cleveland	Gaston	0	29	82	42	77	62	25	317	153	87
HC0356	BAYADA Home Health Care, Inc.	Gaston	Gaston	0	5	41	24	65	56	48	239	70	104
HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Gaston	0	13	58	19	48	30	14	182	90	44
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Gaston	2	7	28	19	30	41	27	154	54	68
HC0369	Brookdale Home Health Charlotte	Mecklenburg	Gaston	0	0	1	2	12	20	36	71	3	56
HC1038	Healthy@ Home - Carolinas Medical Center - Charlotte	Mecklenburg	Gaston	32	1	2	0	0	0	2	37	3	2
HC0221	Gentive Health Services	Cleveland	Gaston	0	0	7	2	8	11	4	32	9	15
HC0171	Advanced Home Care	Mecklenburg	Gaston	0	0	3	1	1	2	1	8	4	3
HC0355	BAYADA Home Health Care, Inc.	Mecklenburg	Gaston	0	0	0	0	1	0	4	5	0	4
HC0281	Advanced Home Care	Cabarrus	Gaston	0	0	1	0	1	0	0	2	1	0
HC0787	Gentiva Health Services	Mecklenburg	Gaston	0	0	0	0	1	0	0	1	0	0
HC1325	Lake Norman Home Health	Iredell	Gaston	0	0	0	0	1	0	0	1	0	0
Gaston Totals				213	297	1,362	670	1,792	1,702	1,176	7,212	2,329	2,878
HC1071	Sentara Home Care Services	Pasquotank	Gates	1	6	25	18	45	33	23	151	49	56
HC0472	Albemarle Home Care	Perquimans	Gates	0	3	24	9	23	15	13	87	36	28
HC1062	Hertford - Gates Home Health Agency	Gates	Gates	1	2	6	4	12	12	12	49	12	24
HC0471	Albemarle Home Care	Pasquotank	Gates	0	0	0	0	1	0	1	2	0	1
HC0475	Albemarle Home Care	Currituck	Gates	0	1	0	0	0	0	0	1	1	0
Gates Totals				2	12	55	31	81	60	49	290	98	109
HC0157	Harris Home Health	Jackson	Graham	0	4	16	7	12	33	18	90	27	51
HC0104	Mountain Home Nursing Service	Clay	Graham	0	0	2	0	6	5	3	16	2	8
HC0275	Good Shepherd Home Health and Hospice Agency, Inc.	Cherokee	Graham	0	0	5	1	2	1	1	10	6	2
HC0109	Home Care Services of Haywood Regional Medical Center	Haywood	Graham	0	0	0	1	3	1	0	5	1	1
Graham Totals				0	4	23	9	23	40	22	121	36	62
HC0501	Granville-Vance Home Health Agency	Vance	Granville	3	7	26	23	61	84	49	253	56	133
HC0360	Duke Home Health	Durham	Granville	1	13	45	20	53	62	45	239	78	107
HC0078	Amedisys Home Health	Franklin	Granville	0	4	27	17	67	53	52	220	48	105
HC0215	Gentiva Health Services	Franklin	Granville	0	2	21	7	25	30	15	100	30	45
HC0074	Well Care Home Health, Inc.	Wake	Granville	0	3	14	5	16	18	13	69	22	31
HC0339	Intrepid USA Healthcare Services	Wake	Granville	0	0	6	5	14	4	17	46	11	21
HC2112	Medi Home Health Agency	Wake	Granville	0	0	4	2	15	9	2	32	6	11
HC1176	Liberty Home Care	Durham	Granville	0	0	1	3	4	12	5	25	4	17
HC0823	Maria Parham Regional Home Health	Vance	Granville	0	0	3	0	4	7	2	16	3	9
HC0422	Rex Home Services	Wake	Granville	0	0	3	3	1	3	0	10	6	3
HC0354	BAYADA Home Health Care, Inc.	Person	Granville	0	0	2	1	1	2	3	9	3	5

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Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident 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	Granville	0	0	0	0	2	3	2	7	0	5
HC4538	PruittHealth Home Health	Wake	Granville	0	0	0	1	2	1	2	6	1	3
HC0828	Pediatric Services of America, Inc.	Wake	Granville	2	0	0	0	0	0	0	2	0	0
HC2562	Liberty Home Care	Wake	Granville	0	0	0	1	0	1	0	2	1	1
HC3820	BAYADA Home Health Care, Inc.	Wake	Granville	0	0	1	0	0	1	0	2	1	1
HC0500	Franklin County Home Health Agency	Franklin	Granville	0	0	2	0	0	0	0	2	2	0
HC1437	North Carolina Home Health	Wake	Granville	0	0	0	0	1	0	0	1	0	0
Granville Totals				6	29	155	88	266	290	207	1,041	272	497
HC0428	Gentiva Health Services	Lenoir	Greene	0	1	20	16	36	45	35	153	37	80
HC0195	3HC	Lenoir	Greene	0	4	30	11	29	29	19	122	45	48
HC1443	Vidant Home Health and Hospice	Pitt	Greene	0	3	20	12	24	13	5	77	35	18
HC0168	AssistedCare of the Carolinas	Greene	Greene	1	2	12	5	19	15	13	67	19	28
HC0328	Gentiva Health Services	Pitt	Greene	0	0	3	1	3	4	6	17	4	10
HC0509	3HC	Pitt	Greene	0	0	1	0	1	2	0	4	1	2
HC0343	Wilson County Home Health	Wilson	Greene	1	0	0	1	1	0	0	3	1	0
HC0508	3HC	Wilson	Greene	0	0	1	0	0	1	0	2	1	1
Greene Totals				2	10	87	46	113	109	78	445	143	187
HC0297	Advanced Home Care	Guilford	Guilford	107	260	1029	494	1044	976	663	4573	1783	1639
HC0952	Gentiva Health Services	Guilford	Guilford	1	62	380	241	594	693	636	2607	683	1329
HC0303	CareSouth Homecare Professionals	Guilford	Guilford	0	21	146	70	205	295	248	985	237	543
HC1286	BAYADA Home Health Care, Inc.	Guilford	Guilford	0	12	71	59	161	197	132	632	142	329
HC1885	Interim HealthCare of the Triad, Inc.	Guilford	Guilford	18	32	87	69	106	87	47	446	188	134
HC0134	Amedisys Home Health	Alamance	Guilford	0	3	41	14	81	84	145	368	58	229
HC0521	Piedmont Home Care	Davidson	Guilford	0	6	30	17	37	98	102	290	53	200
HC0567	Gentiva Health Services	Forsyth	Guilford	0	6	60	21	93	63	33	276	87	96
HC0495	Amedisys Home Health Care	Davidson	Guilford	0	2	27	11	55	84	70	249	40	154
HC0217	Advanced Home Care, Inc.	Rockingham	Guilford	1	10	50	17	42	34	25	179	77	59
HC0124	Liberty Home Care	Davidson	Guilford	0	6	22	18	46	32	29	153	46	61
HC0395	Brookdale Home Health Winston	Guilford	Guilford	0	0	1	4	15	41	67	128	5	108
HC0231	Gentiva Health Services	Forsyth	Guilford	0	0	2	3	25	29	55	114	5	84
HC1210	Gentiva Health Services	Forsyth	Guilford	0	3	15	6	21	30	28	103	24	58
HC0953	Gentiva Health Services	Randolph	Guilford	0	0	10	8	25	27	24	94	18	51
HC0249	Advanced Home Care	Alamance	Guilford	2	0	18	12	18	23	18	91	30	41
HC0522	Home Health of Randolph Hospital	Randolph	Guilford	7	1	11	5	16	14	13	67	17	27
HC0499	Advanced Home Care, Inc.	Forsyth	Guilford	0	3	5	3	12	13	6	42	11	19
HC1886	Interim HealthCare of the Triad, Inc.	Forsyth	Guilford	4	5	8	3	5	9	7	41	16	16

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Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0374	Hospice and Palliative Care of Greensboro	Guilford	Guilford	35	2	0	0	0	0	0	37	2	0
HC0358	BAYADA Home Health Care, Inc.	Davidson	Guilford	0	1	4	0	2	6	3	16	5	9
HC0929	CareSouth Homecare Professionals	Randolph	Guilford	0	0	1	1	2	5	3	12	2	8
HC0361	Life Path Home Health	Alamance	Guilford	0	0	0	2	0	3	3	8	2	6
HC1304	Amedisys Home Health of Winston-Salem	Forsyth	Guilford	0	0	2	0	3	0	0	5	2	0
HC1131	Gentiva Health Services	Forsyth	Guilford	0	0	0	2	0	0	0	2	2	0
HC0005	BAYADA Home Health Care, Inc.	Forsyth	Guilford	0	0	0	0	1	1	0	2	0	1
HC1104	CareSouth Homecare Professionals per MFF/AHC.	Davidson	Guilford	0	0	1	0	0	0	0	1	1	0
HC0316	Liberty Home Care	Onslow	Guilford	0	0	0	0	1	0	0	1	0	0
HC2562	Liberty Home Care	Wake	Guilford	0	0	0	1	0	0	0	1	1	0
HC0397	CareBridge Home Health	Randolph	Guilford	1	0	0	0	0	0	0	1	0	0
Guilford Totals				176	435	2,021	1,081	2,610	2,844	2,357	11,524	3,537	5,201
HC0497	Gentiva Health Services	Nash	Halifax	0	7	77	55	180	208	124	651	139	332
HC0765	Home Health and Hospice of Halifax	Halifax	Halifax	2	32	94	54	126	144	96	548	180	240
HC0168	AssistedCare of the Carolinas	Greene	Halifax	0	1	3	2	7	11	2	26	6	13
HC0530	Northampton Co. Home Health Agency	Northampton	Halifax	0	0	1	3	7	3	0	14	4	3
HC0498	Edgecombe HomeCare & Hospice	Edgecombe	Halifax	0	0	0	1	2	1	1	5	1	2
Halifax Totals				2	40	175	115	322	367	223	1,244	330	590
HC0125	Liberty Home Care	Harnett	Harnett	0	12	62	46	167	199	175	661	120	374
HC0503	Harnett County Home Health Agency	Harnett	Harnett	0	41	112	54	103	109	80	499	207	189
HC0299	Gentiva Health Services	Wake	Harnett	0	2	43	32	72	78	82	309	77	160
HC0074	Well Care Home Health, Inc.	Wake	Harnett	0	18	66	19	62	54	27	246	103	81
HC0255	3HC	Sampson	Harnett	1	16	58	18	20	22	11	146	92	33
HC0339	Intrepid USA Healthcare Services	Wake	Harnett	0	4	41	16	37	35	12	145	61	47
HC0292	Amedisys Home Health of Fayetteville	Cumberland	Harnett	0	5	7	4	28	19	10	73	16	29
HC0422	Rex Home Services	Wake	Harnett	0	4	20	4	10	7	6	51	28	13
HC0426	Liberty Home Care	Lee	Harnett	0	0	11	3	14	13	6	47	14	19
HC3421	Native Angels Home Health, Inc.	Cumberland	Harnett	10	0	5	2	9	14	5	45	7	19
HC1437	North Carolina Home Health	Wake	Harnett	0	0	3	1	12	10	6	32	4	16
HC0257	Sampson Home Health	Sampson	Harnett	2	0	6	0	6	7	7	28	6	14
HC0283	Cape Fear Valley Home Health	Cumberland	Harnett	0	0	5	1	5	8	4	23	6	12
HC2112	Medi Home Health Agency	Wake	Harnett	0	0	4	2	2	7	4	19	6	11
HC1293	WakeMed Home Health	Wake	Harnett	0	1	6	0	4	3	2	16	7	5
HC0002	Liberty Home Care	Moore	Harnett	0	0	3	2	3	4	3	15	5	7
HC0031	Transitions LifeCare	Wake	Harnett	0	0	2	1	3	3	2	11	3	5
HC0359	HealthKeeperz	Cumberland	Harnett	2	2	1	0	3	2	0	10	3	2

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC4538	PruittHealth Home Health	Wake	Harnett	0	0	4	0	0	2	4	10	4	6
HC0828	Pediatric Services of America, Inc.	Wake	Harnett	6	0	0	0	0	0	0	6	0	0
HC0507	3HC	Johnston	Harnett	0	0	1	2	0	1	0	4	3	1
HC0383	Johnston Health Home Care and Hospice	Johnston	Harnett	0	0	2	0	0	1	0	3	2	1
HC2562	Liberty Home Care	Wake	Harnett	0	0	0	0	0	0	2	2	0	2
HC2803	UNC Home Health	Chatham	Harnett	0	0	0	0	0	1	0	1	0	1
HC3820	BAYADA Home Health Care, Inc.	Wake	Harnett	0	0	0	0	1	0	0	1	0	0
HC1231	Well Care Home Health	New Hanover	Harnett	0	1	0	0	0	0	0	1	1	0
HC0274	Liberty Home Care	Cumberland	Harnett	0	0	0	0	0	0	1	1	0	1
Harnett Totals				21	106	462	207	561	599	449	2,405	775	1,048
HC0279	CarePartners Home Health Services	Haywood	Haywood	10	36	144	79	212	215	121	817	259	336
HC0109	Home Care Services of Haywood Regional Medical Center	Haywood	Haywood	23	20	47	80	140	126	44	480	147	170
HC2114	Gentiva Health Services	Buncombe	Haywood	0	4	22	17	53	94	73	263	43	167
HC0114	CarePartners Home Health Services	Buncombe	Haywood	37	1	1	0	1	0	0	40	2	0
HC0157	Harris Home Health	Jackson	Haywood	0	0	3	1	4	3	0	11	4	3
Haywood Totals				70	61	217	177	410	438	238	1,611	455	676
HC0201	Pardee Home Care	Henderson	Henderson	0	7	77	66	238	319	266	973	150	585
HC0440	CarePartners Home Health Services	Henderson	Henderson	6	41	150	82	233	214	136	862	273	350
HC0911	Park Ridge Home Health	Henderson	Henderson	1	12	91	62	164	216	210	756	165	426
HC2114	Gentiva Health Services	Buncombe	Henderson	0	10	57	47	120	159	209	602	114	368
HC0114	CarePartners Home Health Services	Buncombe	Henderson	47	0	1	4	3	4	2	61	5	6
HC0436	CareSouth Homecare Professionals	Polk	Henderson	0	0	6	4	22	10	14	56	10	24
HC0067	Transylvania Home Care and Hospice	Transylvania	Henderson	0	2	4	0	5	1	1	13	6	2
HC0435	CareSouth Homecare Professionals	McDowell	Henderson	0	0	1	0	0	2	0	3	1	2
HC0445	CareSouth Homecare Professionals	Rutherford	Henderson	0	0	0	0	1	0	0	1	0	0
HC0357	BAYADA Home Health Care, Inc.	Rowan	Henderson	0	0	0	0	0	1	0	1	0	1
Henderson Totals				54	72	387	265	786	926	838	3,328	724	1,764
HC0504	Hertford - Gates Home Health Agency	Hertford	Hertford	2	8	37	22	86	88	34	277	67	122
HC1052	Vidant Home Health and Hospice	Bertie	Hertford	0	3	18	17	19	21	11	89	38	32
HC0530	Northampton Co. Home Health Agency	Northampton	Hertford	0	0	1	1	6	6	3	17	2	9
HC0480	Bertie County Home Health	Bertie	Hertford	0	0	0	0	1	1	1	3	0	2
Hertford Totals				2	11	56	40	112	116	49	386	107	165
HC0277	Liberty Home Care	Hoke	Hoke	0	11	46	30	76	78	79	320	87	157
HC0423	FirstHealth Home Care-Richmond	Richmond	Hoke	0	8	37	23	47	38	19	172	68	57
HC3421	Native Angels Home Health, Inc.	Cumberland	Hoke	9	5	8	7	11	14	1	55	20	15
HC0283	Cape Fear Valley Home Health	Cumberland	Hoke	0	5	10	7	13	13	3	51	22	16

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0403	Healthkeeperz	Scotland	Hoke	5	4	9	4	6	6	1	35	17	7
HC0292	Amedisys Home Health of Fayetteville	Cumberland	Hoke	0	1	4	0	11	11	7	34	5	18
HC0359	HealthKeeperz	Cumberland	Hoke	2	1	4	2	7	5	1	22	7	6
HC0526	Robeson County Home Health Agency	Robeson	Hoke	5	0	0	2	2	0	0	9	2	0
HC1178	Liberty Home Care	Robeson	Hoke	0	0	1	0	2	0	1	4	1	1
HC1185	HealthKeeperz	Robeson	Hoke	0	0	0	0	2	0	0	2	0	0
HC0196	Liberty Home Care	New Hanover	Hoke	0	0	0	0	0	0	1	1	0	1
HC0235	Southeastern Home Health	Robeson	Hoke	0	0	0	0	1	0	0	1	0	0
Hoke Totals				21	35	119	75	178	165	113	706	229	278
HC0379	Hydeland Home Care Agency	Hyde	Hyde	0	0	11	10	18	23	18	80	21	41
Hyde Totals				0	0	11	10	18	23	18	80	21	41
HC0515	Iredell Home Health	Iredell	Iredell	35	25	173	106	290	288	205	1122	304	493
HC0159	Gentiva Health Services	Iredell	Iredell	1	31	148	66	237	233	167	883	245	400
HC0170	Gentiva Health Services	Iredell	Iredell	0	19	135	67	218	215	155	809	221	370
HC1325	Lake Norman Home Health	Iredell	Iredell	1	15	71	37	119	99	74	416	123	173
HC0399	Advanced Home Care	Rowan	Iredell	0	20	69	37	98	54	27	305	126	81
HC0357	BAYADA Home Health Care, Inc.	Rowan	Iredell	0	2	31	24	65	89	74	285	57	163
HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Iredell	0	9	12	10	18	19	6	74	31	25
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Iredell	2	4	22	19	12	7	3	69	45	10
HC0395	Brookdale Home Health Winston	Guilford	Iredell	0	0	0	0	4	11	39	54	0	50
HC0490	Catawba County Home Health Agency	Catawba	Iredell	9	7	10	1	15	3	0	45	18	3
HC0270	Gentiva Health Services	Rowan	Iredell	0	1	6	4	1	10	6	28	11	16
HC0057	Guardian Health Services	Catawba	Iredell	9	2	1	2	2	1	1	18	5	2
HC1901	Interim HealthCare of the Triad, Inc.	Mecklenburg	Iredell	1	1	1	1	4	1	0	9	3	1
HC1902	Interim Healthcare of the Triad, Inc.	Catawba	Iredell	0	0	1	1	3	1	0	6	2	1
HC4677	Health @ Home - Carolinas Medical Center North	Mecklenburg	Iredell	0	0	1	1	2	0	1	5	2	1
HC0496	Davie County Home Health Agency	Davie	Iredell	0	0	0	0	2	1	1	4	0	2
HC0499	Advanced Home Care, Inc.	Forsyth	Iredell	0	0	2	1	1	0	0	4	3	0
HC0227	Gentiva Health Services	Catawba	Iredell	0	0	1	0	2	1	0	4	1	1
HC0355	BAYADA Home Health Care, Inc.	Mecklenburg	Iredell	0	0	0	0	0	2	1	3	0	3
HC0495	Amedisys Home Health Care	Davidson	Iredell	0	0	0	0	0	1	0	1	0	1
HC0476	Alexander County Home Health Agency	Alexander	Iredell	0	0	1	0	0	0	0	1	1	0
HC1038	Healthy@ Home - Carolinas Medical Center - Charlotte	Mecklenburg	Iredell	1	0	0	0	0	0	0	1	0	0
HC0281	Advanced Home Care	Cabarrus	Iredell	0	0	0	0	1	0	0	1	0	0
Iredell Totals				59	136	685	377	1,094	1,036	760	4,147	1,198	1,796
HC0157	Harris Home Health	Jackson	Jackson	0	15	56	38	116	101	101	427	109	202

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HC0279	CarePartners Home Health Services	Haywood	Jackson	0	9	27	18	33	33	19	139	54	52
HC0067	Transylvania Home Care and Hospice	Transylvania	Jackson	0	0	3	5	19	15	4	46	8	19
HC0114	CarePartners Home Health Services	Buncombe	Jackson	11	0	0	0	0	0	0	11	0	0
HC0109	Home Care Services of Haywood Regional Medical Center	Haywood	Jackson	0	0	0	0	0	1	0	1	0	1
Jackson Totals				11	24	86	61	168	150	124	624	171	274
HC0383	Johnston Health Home Care and Hospice	Johnston	Johnston	0	33	188	99	198	207	133	858	320	340
HC0507	3HC	Johnston	Johnston	7	30	186	75	183	195	132	808	291	327
HC0125	Liberty Home Care	Harnett	Johnston	0	3	41	25	112	92	77	350	69	169
HC0074	Well Care Home Health, Inc.	Wake	Johnston	7	8	60	34	85	75	46	315	102	121
HC0422	Rex Home Services	Wake	Johnston	4	16	39	24	56	39	9	187	79	48
HC0299	Gentiva Health Services	Wake	Johnston	0	1	25	12	49	45	38	170	38	83
HC0339	Intrepid USA Healthcare Services	Wake	Johnston	0	1	18	15	31	33	36	134	34	69
HC0166	Amedisys Home Health of Chapel Hill	Orange	Johnston	0	0	10	4	29	41	39	123	14	80
HC2112	Medi Home Health Agency	Wake	Johnston	0	0	14	13	21	43	26	117	27	69
HC1293	WakeMed Home Health	Wake	Johnston	0	1	21	8	33	14	8	85	30	22
HC0497	Gentiva Health Services	Nash	Johnston	0	0	5	5	7	13	4	34	10	17
HC0343	Wilson County Home Health	Wilson	Johnston	1	0	4	1	7	5	4	22	5	9
HC4538	PruittHealth Home Health	Wake	Johnston	0	0	0	4	4	4	6	18	4	10
HC1437	North Carolina Home Health	Wake	Johnston	0	0	1	1	2	3	2	9	2	5
HC0031	Transitions LifeCare	Wake	Johnston	0	1	2	1	1	3	1	9	4	4
HC3820	BAYADA Home Health Care, Inc.	Wake	Johnston	0	0	2	1	2	2	0	7	3	2
HC0255	3HC	Sampson	Johnston	0	2	2	0	0	1	0	5	4	1
HC0327	Brookdale Home Health Raleigh	Durham	Johnston	0	0	0	0	0	2	2	4	0	4
HC0228	3HC	Wayne	Johnston	0	1	1	1	0	0	1	4	3	1
HC0508	3HC	Wilson	Johnston	0	1	2	0	0	0	0	3	3	0
HC0292	Amedisys Home Health of Fayetteville	Cumberland	Johnston	0	0	0	1	1	0	0	2	1	0
HC0168	AssistedCare of the Carolinas	Greene	Johnston	0	0	0	0	0	1	0	1	0	1
HC0257	Sampson Home Health	Sampson	Johnston	0	0	0	1	0	0	0	1	1	0
HC0828	Pediatric Services of America, Inc.	Wake	Johnston	1	0	0	0	0	0	0	1	0	0
HC3421	Native Angels Home Health, Inc.	Cumberland	Johnston	1	0	0	0	0	0	0	1	0	0
HC0274	Liberty Home Care	Cumberland	Johnston	0	0	0	0	0	1	0	1	0	1
HC0509	3HC	Pitt	Johnston	0	0	0	0	0	1	0	1	0	1
HC2562	Liberty Home Care	Wake	Johnston	0	0	0	0	1	0	0	1	0	0
Johnston Totals				21	98	621	325	822	820	564	3,271	1,044	1,384
HC0431	Gentiva Health Services	Jones	Jones	0	4	17	9	21	29	26	106	30	55
HC0506	3HC	Jones	Jones	0	0	13	14	23	20	11	81	27	31

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HC0316	Liberty Home Care	Onslow	Jones	0	1	2	2	11	4	2	22	5	6
HC0165	CarolinaEast Home Care	Craven	Jones	0	1	10	2	3	2	1	19	13	3
HC1209	Continuum Home Care and Hospice	Onslow	Jones	0	1	1	1	6	5	1	15	3	6
HC0195	3HC	Lenoir	Jones	0	0	0	2	1	4	0	7	2	4
HC0531	Onslow County Home Health and Hospice	Onslow	Jones	0	0	1	0	0	3	1	5	1	4
HC1231	Well Care Home Health	New Hanover	Jones	0	0	1	0	2	0	0	3	1	0
HC0053	Vidant Home Health & Hospice	Duplin	Jones	0	0	0	1	0	0	0	1	1	0
HC1176	Liberty Home Care	Durham	Jones	0	0	0	0	1	0	0	1	0	0
HC0493	PruittHealth Home Health - New Bern	Craven	Jones	0	0	0	0	0	1	0	1	0	1
HC0428	Gentiva Health Services	Lenoir	Jones	0	0	0	0	1	0	0	1	0	0
HC0168	AssistedCare of the Carolinas	Greene	Jones	0	0	0	0	0	0	1	1	0	1
Jones Totals				0	7	45	31	69	68	43	263	83	111
HC0426	Liberty Home Care	Lee	Lee	0	8	94	63	201	202	195	763	165	397
HC0166	Amedisys Home Health of Chapel Hill	Orange	Lee	0	3	41	21	58	58	39	220	65	97
HC0332	FirstHealth Home Care	Moore	Lee	0	8	32	33	66	35	12	186	73	47
HC2112	Medi Home Health Agency	Wake	Lee	0	0	6	6	34	32	22	100	12	54
HC2803	UNC Home Health	Chatham	Lee	0	8	14	8	12	6	5	53	30	11
HC3421	Native Angels Home Health, Inc.	Cumberland	Lee	10	11	16	2	5	6	1	51	29	7
HC0074	Well Care Home Health, Inc.	Wake	Lee	0	5	15	7	16	6	2	51	27	8
HC0125	Liberty Home Care	Harnett	Lee	0	0	2	2	4	0	0	8	4	0
HC0283	Cape Fear Valley Home Health	Cumberland	Lee	0	0	1	0	3	0	0	4	1	0
HC0528	Liberty Home Care	Chatham	Lee	0	0	0	0	1	0	2	3	0	2
HC1437	North Carolina Home Health	Wake	Lee	0	0	0	0	1	0	1	2	0	1
HC0002	Liberty Home Care	Moore	Lee	0	0	0	0	1	0	0	1	0	0
HC1178	Liberty Home Care	Robeson	Lee	0	0	0	0	0	1	0	1	0	1
HC0828	Pediatric Services of America, Inc.	Wake	Lee	1	0	0	0	0	0	0	1	0	0
HC0292	Amedisys Home Health of Fayetteville	Cumberland	Lee	0	0	0	0	1	0	0	1	0	0
HC2562	Liberty Home Care	Wake	Lee	0	0	0	1	0	0	0	1	1	0
Lee Totals				11	43	221	143	403	346	279	1,446	407	625
HC0428	Gentiva Health Services	Lenoir	Lenoir	0	15	116	88	184	257	212	872	219	469
HC0195	3HC	Lenoir	Lenoir	2	23	171	96	233	172	119	816	290	291
HC0168	AssistedCare of the Carolinas	Greene	Lenoir	1	3	20	10	38	36	23	131	33	59
HC1565	Gentiva Health Services	Lenoir	Lenoir	0	3	12	17	35	40	21	128	32	61
HC1443	Vidant Home Health and Hospice	Pitt	Lenoir	0	4	19	12	21	8	10	74	35	18
HC1299	Gentiva Health Services	Wayne	Lenoir	0	0	6	1	6	4	3	20	7	7
HC0053	Vidant Home Health & Hospice	Duplin	Lenoir	2	0	2	0	2	4	0	10	2	4

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0509	3HC	Pitt	Lenoir	0	0	2	1	2	0	0	5	3	0
HC1209	Continuum Home Care and Hospice	Onslow	Lenoir	0	0	1	0	2	1	0	4	1	1
HC1231	Well Care Home Health	New Hanover	Lenoir	0	0	1	1	0	0	0	2	2	0
HC0493	PruittHealth Home Health - New Bern	Craven	Lenoir	0	0	0	0	1	0	1	2	0	1
HC0508	3HC	Wilson	Lenoir	0	0	1	0	0	0	0	1	1	0
HC0228	3HC	Wayne	Lenoir	0	0	0	0	0	0	1	1	0	1
Lenoir Totals				5	48	351	226	524	522	390	2,066	625	912
HC0268	Gentiva Health Services	Gaston	Lincoln	0	11	93	63	176	184	133	660	167	317
HC0135	Healthy@Home-Carolinas Medical Center Lincoln	Lincoln	Lincoln	0	15	110	57	146	149	71	548	182	220
HC0906	Advanced Home Care	Gaston	Lincoln	0	10	63	24	98	50	31	276	97	81
HC0159	Gentiva Health Services	Iredell	Lincoln	0	4	32	24	61	44	29	194	60	73
HC0391	Lincoln County Home Health Agency	Lincoln	Lincoln	3	7	11	11	48	55	37	172	29	92
HC0356	BAYADA Home Health Care, Inc.	Gaston	Lincoln	0	2	17	16	42	28	31	136	35	59
HC0353	Amedisys Home Health Care	Gaston	Lincoln	0	2	14	14	37	43	15	125	30	58
HC0490	Catawba County Home Health Agency	Catawba	Lincoln	13	14	33	11	15	14	12	112	58	26
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Lincoln	0	4	28	10	14	12	8	76	42	20
HC1903	Interim HealthCare of the Triad, Inc.	Gaston	Lincoln	12	2	22	15	12	5	2	70	39	7
HC0227	Gentiva Health Services	Catawba	Lincoln	0	0	4	4	16	14	9	47	8	23
HC0057	Guardian Health Services	Catawba	Lincoln	4	1	10	2	10	9	2	38	13	11
HC1902	Interim Healthcare of the Triad, Inc.	Catawba	Lincoln	7	3	7	2	9	5	3	36	12	8
HC1325	Lake Norman Home Health	Iredell	Lincoln	0	0	5	3	5	5	1	19	8	6
HC0042	Healthy@Home-Cleveland County HealthCare System	Cleveland	Lincoln	0	2	1	0	2	1	1	7	3	2
HC0487	Advanced Home Care	Caldwell	Lincoln	0	0	2	0	1	4	0	7	2	4
HC0221	Gentiva Health Services	Cleveland	Lincoln	0	0	1	0	1	2	0	4	1	2
HC0515	Iredell Home Health	Iredell	Lincoln	0	0	0	0	1	0	0	1	0	0
HC0171	Advanced Home Care	Mecklenburg	Lincoln	0	0	0	0	0	0	1	1	0	1
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	Lincoln	0	0	0	0	1	0	0	1	0	0
HC0369	Brookdale Home Health Charlotte	Mecklenburg	Lincoln	0	0	0	0	0	0	0	0	0	0
Lincoln Totals				39	77	453	256	695	624	386	2,530	786	1,010
HC0324	Angel Home Health Hospice	Macon	Macon	18	8	62	43	150	176	143	600	113	319
HC0157	Harris Home Health	Jackson	Macon	0	2	13	8	23	31	24	101	23	55
HC0104	Mountain Home Nursing Service	Clay	Macon	0	0	2	3	10	6	6	27	5	12
HC0275	Good Shepherd Home Health and Hospice Agency, Inc.	Cherokee	Macon	0	0	2	0	1	5	2	10	2	7
Macon Totals				18	10	79	54	184	218	175	738	143	393
HC0114	CarePartners Home Health Services	Buncombe	Madison	14	8	70	28	84	70	54	328	106	124
HC0419	Madison Home Care & Hospice	Madison	Madison	0	8	32	16	64	64	54	238	56	118

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC2114	Gentiva Health Services	Buncombe	Madison	0	0	6	6	14	17	22	65	12	39
HC0279	CarePartners Home Health Services	Haywood	Madison	0	0	0	1	2	3	1	7	1	4
HC0440	CarePartners Home Health Services	Henderson	Madison	0	1	0	0	0	0	0	1	1	0
Madison Totals				14	17	108	51	164	154	131	639	176	285
HC0525	Roanoke Home Care & Hospice	Martin	Martin	7	15	39	15	72	92	58	298	69	150
HC0329	Gentiva Health Services	Beaufort	Martin	0	8	41	25	76	75	69	294	74	144
HC1634	Vidant Home Health and Hospice	Beaufort	Martin	0	6	36	13	32	36	18	141	55	54
HC1443	Vidant Home Health and Hospice	Pitt	Martin	0	1	8	13	7	8	4	41	22	12
HC0328	Gentiva Health Services	Pitt	Martin	0	0	1	0	1	2	1	5	1	3
HC0168	AssistedCare of the Carolinas	Greene	Martin	0	0	2	1	2	0	0	5	3	0
HC1052	Vidant Home Health and Hospice	Bertie	Martin	0	0	1	0	1	2	0	4	1	2
HC0523	Roanoke Home Care	Washington	Martin	0	0	0	0	1	2	0	3	0	2
HC0498	Edgecombe HomeCare & Hospice	Edgecombe	Martin	1	0	0	0	0	0	0	1	0	0
HC0480	Bertie County Home Health	Bertie	Martin	0	0	1	0	0	0	0	1	1	0
HC0509	3HC	Pitt	Martin	0	0	0	0	0	0	1	1	0	1
Martin Totals				8	30	129	67	192	217	151	794	226	368
HC2114	Gentiva Health Services	Buncombe	McDowell	0	16	106	47	104	125	80	478	169	205
HC0114	CarePartners Home Health Services	Buncombe	McDowell	21	36	109	50	106	81	34	437	195	115
HC0435	CareSouth Homecare Professionals	McDowell	McDowell	0	7	21	23	106	106	69	332	51	175
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	McDowell	0	16	55	32	68	63	19	253	103	82
HC0186	Carolina Home Care	Rutherford	McDowell	4	5	10	7	11	6	2	45	22	8
HC0490	Catawba County Home Health Agency	Catawba	McDowell	0	0	2	0	0	0	0	2	2	0
HC0227	Gentiva Health Services	Catawba	McDowell	0	0	0	0	0	1	0	1	0	1
McDowell Totals				25	80	303	159	395	382	204	1,548	542	586
HC1038	Healthy@ Home - Carolinas Medical Center - Charlotte	Mecklenburg	Mecklenburg	550	198	603	239	563	473	349	2975	1040	822
HC0171	Advanced Home Care	Mecklenburg	Mecklenburg	11	135	491	271	706	680	447	2741	897	1127
HC0097	Gentiva Health Services	Mecklenburg	Mecklenburg	0	60	354	234	564	568	639	2419	648	1207
HC0787	Gentiva Health Services	Mecklenburg	Mecklenburg	0	73	458	273	592	470	299	2165	804	769
HC0138	Gentiva Health Services	Mecklenburg	Mecklenburg	0	67	325	182	429	413	319	1735	574	732
HC1901	Interim HealthCare of the Triad, Inc.	Mecklenburg	Mecklenburg	121	146	321	173	282	208	99	1350	640	307
HC4677	Health @ Home - Carolinas Medical Center North	Mecklenburg	Mecklenburg	0	89	256	114	237	200	147	1043	459	347
HC0281	Advanced Home Care	Cabarrus	Mecklenburg	0	46	161	102	254	201	126	890	309	327
HC1238	Union Regional Home Care	Union	Mecklenburg	8	33	104	66	175	160	102	648	203	262
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Mecklenburg	2	37	123	65	167	145	103	642	225	248
HC0355	BAYADA Home Health Care, Inc.	Mecklenburg	Mecklenburg	0	9	52	42	146	157	150	556	103	307
HC3694	Liberty Home Care and Hospice	Mecklenburg	Mecklenburg	0	12	35	26	107	135	113	428	73	248

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HC0353	Amedisys Home Health Care	Gaston	Mecklenburg	0	9	39	22	50	68	72	260	70	140
HC0369	Brookdale Home Health Charlotte	Mecklenburg	Mecklenburg	0	0	0	1	11	40	99	151	1	139
HC1325	Lake Norman Home Health	Iredell	Mecklenburg	0	2	13	7	11	13	8	54	22	21
HC0270	Gentiva Health Services	Rowan	Mecklenburg	0	4	6	7	15	5	4	41	17	9
HC0906	Advanced Home Care	Gaston	Mecklenburg	0	0	1	1	2	0	1	5	2	1
HC0399	Advanced Home Care	Rowan	Mecklenburg	0	0	0	0	2	2	0	4	0	2
HC0486	BAYADA Home Health Care, Inc.	Cabarrus	Mecklenburg	0	0	0	0	0	2	0	2	0	2
HC0515	Iredell Home Health	Iredell	Mecklenburg	0	0	0	1	1	0	0	2	1	0
HC0264	Liberty Home Care	Anson	Mecklenburg	0	0	0	0	0	0	1	1	0	1
Mecklenburg Totals				692	920	3,342	1,826	4,314	3,940	3,078	18,112	6,088	7,018
HC0319	Mitchell County Home Health Agency	Mitchell	Mitchell	8	6	64	34	82	98	90	382	104	188
HC0114	CarePartners Home Health Services	Buncombe	Mitchell	6	0	49	19	54	44	31	203	68	75
HC0477	Medi Home Health and Hospice	Watauga	Mitchell	0	0	1	1	7	10	8	27	2	18
Mitchell Totals				14	6	114	54	143	152	129	612	174	281
HC2404	Health@Home - Troy	Montgomery	Montgomery	73	18	73	46	108	135	125	578	137	260
HC0332	FirstHealth Home Care	Moore	Montgomery	0	8	53	30	74	53	31	249	91	84
HC0953	Gentiva Health Services	Randolph	Montgomery	0	3	14	5	27	26	9	84	22	35
HC0522	Home Health of Randolph Hospital	Randolph	Montgomery	2	2	11	11	20	17	10	73	24	27
HC0929	CareSouth Homecare Professionals	Randolph	Montgomery	0	1	7	5	20	17	10	60	13	27
HC0514	Stanly County Home Health Agency	Stanly	Montgomery	0	0	3	2	10	11	9	35	5	20
HC0002	Liberty Home Care	Moore	Montgomery	0	1	1	3	7	4	1	17	5	5
HC0308	Health@Home - Albemarle	Stanly	Montgomery	5	1	0	0	0	0	1	7	1	1
HC0281	Advanced Home Care	Cabarrus	Montgomery	0	0	0	1	0	1	0	2	1	1
HC0264	Liberty Home Care	Anson	Montgomery	0	0	1	0	0	0	0	1	1	0
HC0528	Liberty Home Care	Chatham	Montgomery	0	0	0	0	1	0	0	1	0	0
Montgomery Totals				80	34	163	103	267	264	196	1,107	300	460
HC0332	FirstHealth Home Care	Moore	Moore	4	28	190	117	397	389	275	1400	335	664
HC0002	Liberty Home Care	Moore	Moore	0	9	42	29	115	150	205	550	80	355
HC0403	Healthkeeperz	Scotland	Moore	17	6	24	12	16	28	26	129	42	54
HC0929	CareSouth Homecare Professionals	Randolph	Moore	0	0	15	4	18	28	20	85	19	48
HC3421	Native Angels Home Health, Inc.	Cumberland	Moore	9	4	12	4	3	0	0	32	20	0
HC0522	Home Health of Randolph Hospital	Randolph	Moore	0	0	5	0	2	4	1	12	5	5
HC0277	Liberty Home Care	Hoke	Moore	0	1	0	1	0	1	2	5	2	3
HC0426	Liberty Home Care	Lee	Moore	0	0	2	1	1	0	0	4	3	0
HC2404	Health@Home - Troy	Montgomery	Moore	3	0	0	0	0	0	1	4	0	1
HC2562	Liberty Home Care	Wake	Moore	0	0	1	0	0	0	1	2	1	1

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HC0283	Cape Fear Valley Home Health	Cumberland	Moore	0	0	0	0	1	0	0	1	0	0
Moore Totals				33	48	291	168	553	600	531	2,224	507	1,131
HC0497	Gentiva Health Services	Nash	Nash	0	10	87	57	161	179	163	657	154	342
HC0520	Nash County Home Health Agency	Nash	Nash	3	19	89	50	159	172	128	620	158	300
HC0508	3HC	Wilson	Nash	3	19	107	48	108	74	49	408	174	123
HC0168	AssistedCare of the Carolinas	Greene	Nash	0	1	30	19	53	61	77	241	50	138
HC0074	Well Care Home Health, Inc.	Wake	Nash	0	5	33	17	37	25	23	140	55	48
HC0343	Wilson County Home Health	Wilson	Nash	5	2	13	4	11	14	8	57	19	22
HC0498	Edgecombe HomeCare & Hospice	Edgecombe	Nash	0	0	3	1	3	1	1	9	4	2
HC0500	Franklin County Home Health Agency	Franklin	Nash	1	0	1	0	2	2	0	6	1	2
HC0328	Gentiva Health Services	Pitt	Nash	0	0	2	0	1	0	3	6	2	3
HC2112	Medi Home Health Agency	Wake	Nash	0	0	1	0	2	1	1	5	1	2
HC4538	PruittHealth Home Health	Wake	Nash	0	0	0	0	2	0	0	2	0	0
HC2562	Liberty Home Care	Wake	Nash	0	0	0	0	0	2	0	2	0	2
HC0228	3HC	Wayne	Nash	0	0	1	0	0	0	0	1	1	0
HC0507	3HC	Johnston	Nash	0	0	1	0	0	0	0	1	1	0
Nash Totals				12	56	368	196	539	531	453	2,155	620	984
HC0532	NHRMC Home Care	Pender	New Hanover	31	105	408	228	603	523	343	2241	741	866
HC1231	Well Care Home Health	New Hanover	New Hanover	32	60	266	178	469	530	476	2011	504	1006
HC1500	AssistedCare Home Health	Brunswick	New Hanover	2	37	146	84	197	199	200	865	267	399
HC0196	Liberty Home Care	New Hanover	New Hanover	0	6	28	13	106	137	233	523	47	370
HC0288	Liberty Home Care	Brunswick	New Hanover	0	0	0	0	0	0	3	3	0	3
HC0309	Liberty Home Care	Bladen	New Hanover	0	0	0	0	1	0	0	1	0	0
HC1241	Liberty Home Care	Pender	New Hanover	0	0	0	0	0	0	1	1	0	1
HC0320	Liberty Home Care	Columbus	New Hanover	0	0	0	0	0	1	0	1	0	1
New Hanover Totals				65	208	848	503	1,376	1,390	1,256	5,646	1,559	2,646
HC0530	Northampton Co. Home Health Agency	Northampton	Northampton	0	14	52	28	82	106	87	369	94	193
HC0497	Gentiva Health Services	Nash	Northampton	0	0	6	7	31	31	32	107	13	63
HC0765	Home Health and Hospice of Halifax	Halifax	Northampton	0	0	3	1	8	3	3	18	4	6
HC0504	Hertford - Gates Home Health Agency	Hertford	Northampton	1	0	3	1	2	2	0	9	4	2
HC0168	AssistedCare of the Carolinas	Greene	Northampton	0	0	0	0	0	1	0	1	0	1
HC0480	Bertie County Home Health	Bertie	Northampton	0	0	1	0	0	0	0	1	1	0
Northampton Totals				1	14	65	37	123	143	122	505	116	265
HC1231	Well Care Home Health	New Hanover	Onslow	9	40	183	78	225	197	125	857	301	322
HC0531	Onslow County Home Health and Hospice	Onslow	Onslow	25	52	114	56	127	155	84	613	222	239
HC1209	Continuum Home Care and Hospice	Onslow	Onslow	1	18	60	32	107	101	63	382	110	164

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HC0316	Liberty Home Care	Onslow	Onslow	0	15	40	38	94	111	75	373	93	186
HC0431	Gentiva Health Services	Jones	Onslow	0	5	29	14	57	78	60	243	48	138
HC0532	NHRMC Home Care	Pender	Onslow	33	9	23	15	42	37	15	174	47	52
HC0506	3HC	Jones	Onslow	0	12	38	15	44	31	16	156	65	47
HC1500	AssistedCare Home Health	Brunswick	Onslow	0	6	22	8	37	42	18	133	36	60
HC0073	Gentiva Health Services	Carteret	Onslow	0	1	5	1	13	13	12	45	7	25
HC1353	Liberty Home Care	Carteret	Onslow	0	0	0	3	5	3	2	13	3	5
HC0053	Vidant Home Health & Hospice	Duplin	Onslow	6	2	0	0	0	0	0	8	2	0
HC0125	Liberty Home Care	Harnett	Onslow	0	0	1	0	0	0	0	1	1	0
HC0195	3HC	Lenoir	Onslow	0	0	1	0	0	0	0	1	1	0
HC0196	Liberty Home Care	New Hanover	Onslow	0	0	0	0	1	0	0	1	0	0
Onslow Totals				74	160	516	260	752	768	470	3,000	936	1,238
HC0030	UNC Home Health	Orange	Orange	2	30	131	86	154	175	137	715	247	312
HC0360	Duke Home Health	Durham	Orange	4	12	52	36	125	99	61	389	100	160
HC0166	Amedisys Home Health of Chapel Hill	Orange	Orange	0	5	20	29	77	104	124	359	54	228
HC0074	Well Care Home Health, Inc.	Wake	Orange	6	12	38	12	27	30	18	143	62	48
HC1176	Liberty Home Care	Durham	Orange	0	1	13	20	27	33	29	123	34	62
HC0299	Gentiva Health Services	Wake	Orange	0	0	6	7	22	34	46	115	13	80
HC0249	Advanced Home Care	Alamance	Orange	0	1	15	8	13	21	8	66	24	29
HC2112	Medi Home Health Agency	Wake	Orange	0	0	8	3	15	9	6	41	11	15
HC0327	Brookdale Home Health Raleigh	Durham	Orange	0	0	0	0	1	10	17	28	0	27
HC0134	Amedisys Home Health	Alamance	Orange	0	0	1	2	1	5	5	14	3	10
HC4538	PruittHealth Home Health	Wake	Orange	0	2	2	0	2	3	3	12	4	6
HC0339	Intrepid USA Healthcare Services	Wake	Orange	0	0	1	0	2	2	0	5	1	2
HC0828	Pediatric Services of America, Inc.	Wake	Orange	4	0	0	0	0	0	0	4	0	0
HC0361	Life Path Home Health	Alamance	Orange	4	0	0	0	0	0	0	4	0	0
HC0489	Caswell County Home Health Agency	Caswell	Orange	0	1	1	0	0	0	0	2	2	0
HC2111	Gentiva Health Services	Durham	Orange	0	0	0	0	1	0	1	2	0	1
HC0528	Liberty Home Care	Chatham	Orange	0	0	0	0	1	0	1	2	0	1
HC1437	North Carolina Home Health	Wake	Orange	0	0	1	0	0	0	1	2	1	1
HC0124	Liberty Home Care	Davidson	Orange	0	0	0	0	0	0	1	1	0	1
HC0145	Amedisys Home Health	Alamance	Orange	0	0	0	0	0	1	0	1	0	1
HC1293	WakeMed Home Health	Wake	Orange	0	0	1	0	0	0	0	1	1	0
HC0031	Transitions LifeCare	Wake	Orange	0	1	0	0	0	0	0	1	1	0
HC0354	BAYADA Home Health Care, Inc.	Person	Orange	0	0	0	0	1	0	0	1	0	0
Orange Totals				20	65	290	203	469	526	458	2,031	558	984

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Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0165	CarolinaEast Home Care	Craven	Pamlico	0	1	16	9	34	29	16	105	26	45
HC0431	Gentiva Health Services	Jones	Pamlico	0	0	9	3	29	25	29	95	12	54
HC0493	PruittHealth Home Health - New Bern	Craven	Pamlico	0	1	1	0	1	5	4	12	2	9
HC0329	Gentiva Health Services	Beaufort	Pamlico	0	0	0	0	1	0	0	1	0	0
Pamlico Totals				0	2	26	12	65	59	49	213	40	108
HC0471	Albemarle Home Care	Pasquotank	Pasquotank	8	19	80	49	138	106	120	520	148	226
HC1071	Sentara Home Care Services	Pasquotank	Pasquotank	8	20	87	49	70	40	37	311	156	77
HC0472	Albemarle Home Care	Perquimans	Pasquotank	0	0	2	0	0	0	0	2	2	0
Pasquotank Totals				16	39	169	98	208	146	157	833	306	303
HC0532	NHRMC Home Care	Pender	Pender	12	22	121	72	203	187	86	703	215	273
HC1231	Well Care Home Health	New Hanover	Pender	8	20	89	49	164	144	110	584	158	254
HC1500	AssistedCare Home Health	Brunswick	Pender	2	2	28	6	31	40	19	128	36	59
HC1241	Liberty Home Care	Pender	Pender	0	0	12	6	17	12	16	63	18	28
HC0053	Vidant Home Health & Hospice	Duplin	Pender	0	0	0	0	2	4	4	10	0	8
HC0257	Sampson Home Health	Sampson	Pender	1	0	1	0	1	1	1	5	1	2
HC0316	Liberty Home Care	Onslow	Pender	0	0	0	0	1	1	2	4	0	3
HC1565	Gentiva Health Services	Lenoir	Pender	0	0	0	1	1	2	0	4	1	2
HC0196	Liberty Home Care	New Hanover	Pender	0	0	1	1	0	0	1	3	2	1
HC1209	Continuum Home Care and Hospice	Onslow	Pender	0	1	0	0	2	0	0	3	1	0
HC0431	Gentiva Health Services	Jones	Pender	0	0	0	0	0	2	0	2	0	2
HC0531	Onslow County Home Health and Hospice	Onslow	Pender	0	0	0	1	0	0	0	1	1	0
Pender Totals				23	45	252	136	422	393	239	1,510	433	632
HC0472	Albemarle Home Care	Perquimans	Perquimans	7	6	33	18	55	54	41	214	57	95
HC1071	Sentara Home Care Services	Pasquotank	Perquimans	0	5	23	12	34	16	12	102	40	28
HC0474	Albemarle Home Care	Chowan	Perquimans	1	1	0	0	0	0	0	2	1	0
HC0471	Albemarle Home Care	Pasquotank	Perquimans	0	0	0	0	1	0	1	2	0	1
Perquimans Totals				8	12	56	30	90	70	54	320	98	124
HC0354	BAYADA Home Health Care, Inc.	Person	Person	0	2	40	20	87	88	72	309	62	160
HC0533	Home Health and Hospice of Person County	Person	Person	2	8	38	43	57	68	76	292	89	144
HC0360	Duke Home Health	Durham	Person	1	6	51	27	59	54	28	226	84	82
HC0074	Well Care Home Health, Inc.	Wake	Person	0	0	13	13	12	19	10	67	26	29
HC1176	Liberty Home Care	Durham	Person	0	0	8	6	12	19	13	58	14	32
HC2112	Medi Home Health Agency	Wake	Person	0	0	2	3	4	3	1	13	5	4
HC0134	Amedisys Home Health	Alamance	Person	0	0	2	0	3	5	2	12	2	7
HC0339	Intrepid USA Healthcare Services	Wake	Person	0	0	1	0	3	2	1	7	1	3
HC0145	Amedisys Home Health	Alamance	Person	0	1	0	0	0	1	1	3	1	2

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0501	Granville-Vance Home Health Agency	Vance	Person	0	0	0	0	0	2	0	2	0	2
HC0828	Pediatric Services of America, Inc.	Wake	Person	1	0	0	0	0	0	0	1	0	0
HC0420	Liberty Home Care	Surry	Person	0	0	0	0	1	0	0	1	0	0
HC2111	Gentiva Health Services	Durham	Person	0	0	0	1	0	0	0	1	1	0
HC0166	Amedisys Home Health of Chapel Hill	Orange	Person	0	0	0	0	0	1	0	1	0	1
Person Totals				4	17	155	113	238	262	204	993	285	466
HC1443	Vidant Home Health and Hospice	Pitt	Pitt	1	66	334	182	370	268	161	1382	582	429
HC0328	Gentiva Health Services	Pitt	Pitt	0	35	125	88	291	300	280	1119	248	580
HC0509	3HC	Pitt	Pitt	2	21	93	47	142	114	68	487	161	182
HC0168	AssistedCare of the Carolinas	Greene	Pitt	1	8	51	26	57	55	48	246	85	103
HC0428	Gentiva Health Services	Lenoir	Pitt	0	1	2	3	10	10	5	31	6	15
HC0329	Gentiva Health Services	Beaufort	Pitt	0	0	3	0	4	2	0	9	3	2
HC0195	3HC	Lenoir	Pitt	0	0	0	0	3	3	1	7	0	4
HC0493	PruittHealth Home Health - New Bern	Craven	Pitt	0	0	0	1	3	2	1	7	1	3
HC1634	Vidant Home Health and Hospice	Beaufort	Pitt	0	1	3	0	2	0	1	7	4	1
HC0508	3HC	Wilson	Pitt	0	0	0	0	1	2	1	4	0	3
HC0497	Gentiva Health Services	Nash	Pitt	0	0	0	0	1	1	1	3	0	2
HC0074	Well Care Home Health, Inc.	Wake	Pitt	0	1	0	0	1	0	0	2	1	0
HC0506	3HC	Jones	Pitt	0	0	0	0	0	0	1	1	0	1
HC0507	3HC	Johnston	Pitt	0	0	0	0	0	0	1	1	0	1
Pitt Totals				4	133	611	347	885	757	569	3,306	1,091	1,326
HC2114	Gentiva Health Services	Buncombe	Polk	0	1	16	13	51	67	100	248	30	167
HC0436	CareSouth Homecare Professionals	Polk	Polk	0	0	15	5	35	39	36	130	20	75
HC0186	Carolina Home Care	Rutherford	Polk	12	0	14	3	21	14	5	69	17	19
HC0201	Pardee Home Care	Henderson	Polk	0	1	3	3	22	7	3	39	7	10
HC0911	Park Ridge Home Health	Henderson	Polk	0	1	5	2	6	10	3	27	8	13
HC0445	CareSouth Homecare Professionals	Rutherford	Polk	0	0	2	0	2	1	1	6	2	2
HC0440	CarePartners Home Health Services	Henderson	Polk	0	0	1	0	1	0	0	2	1	0
HC0435	CareSouth Homecare Professionals	McDowell	Polk	0	0	0	0	1	1	0	2	0	1
Polk Totals				12	3	56	26	139	139	148	523	85	287
HC0522	Home Health of Randolph Hospital	Randolph	Randolph	228	94	349	174	492	606	537	2480	617	1143
HC0297	Advanced Home Care	Guilford	Randolph	7	38	183	95	179	134	58	694	316	192
HC0953	Gentiva Health Services	Randolph	Randolph	0	11	88	45	173	138	90	545	144	228
HC0929	CareSouth Homecare Professionals	Randolph	Randolph	0	15	60	34	100	108	83	400	109	191
HC0495	Amedisys Home Health Care	Davidson	Randolph	0	0	9	11	30	37	19	106	20	56
HC0528	Liberty Home Care	Chatham	Randolph	0	1	3	5	18	12	11	50	9	23

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0397	CareBridge Home Health	Randolph	Randolph	23	6	4	0	4	4	3	44	10	7
HC0358	BAYADA Home Health Care, Inc.	Davidson	Randolph	0	1	3	2	12	15	5	38	6	20
HC0521	Piedmont Home Care	Davidson	Randolph	0	0	5	4	6	7	11	33	9	18
HC0249	Advanced Home Care	Alamance	Randolph	0	2	5	6	7	7	4	31	13	11
HC0395	Brookdale Home Health Winston	Guilford	Randolph	0	0	0	1	2	8	8	19	1	16
HC1885	Interim HealthCare of the Triad, Inc.	Guilford	Randolph	1	1	3	2	7	3	1	18	6	4
HC0124	Liberty Home Care	Davidson	Randolph	0	1	0	3	10	1	2	17	4	3
HC0952	Gentiva Health Services	Guilford	Randolph	0	0	3	2	5	2	2	14	5	4
HC1286	BAYADA Home Health Care, Inc.	Guilford	Randolph	0	0	2	2	0	2	1	7	4	3
HC2404	Health@Home - Troy	Montgomery	Randolph	1	1	1	1	1	0	1	6	3	1
HC0499	Advanced Home Care, Inc.	Forsyth	Randolph	0	0	1	0	3	0	0	4	1	0
HC0231	Gentiva Health Services	Forsyth	Randolph	0	0	0	0	0	2	0	2	0	2
HC1104	CareSouth Homecare Professionals per MFF/AHC.	Davidson	Randolph	0	0	0	0	1	0	0	1	0	0
HC0332	FirstHealth Home Care	Moore	Randolph	0	1	0	0	0	0	0	1	1	0
HC0303	CareSouth Homecare Professionals	Guilford	Randolph	0	0	0	0	0	0	1	1	0	1
HC0030	UNC Home Health	Orange	Randolph	0	0	0	0	0	0	1	1	0	1
Randolph Totals				260	172	719	387	1,050	1,086	838	4,512	1,278	1,924
HC0423	FirstHealth Home Care-Richmond	Richmond	Richmond	0	20	138	61	178	142	70	609	219	212
HC0264	Liberty Home Care	Anson	Richmond	0	2	40	37	80	67	82	308	79	149
HC0403	Healthkeeperz	Scotland	Richmond	12	5	26	19	35	19	8	124	50	27
HC3421	Native Angels Home Health, Inc.	Cumberland	Richmond	6	4	12	6	6	6	2	42	22	8
HC2404	Health@Home - Troy	Montgomery	Richmond	1	0	0	1	3	1	0	6	1	1
HC1178	Liberty Home Care	Robeson	Richmond	0	0	1	0	2	1	0	4	1	1
HC0002	Liberty Home Care	Moore	Richmond	0	0	0	1	1	0	0	2	1	0
HC1185	HealthKeeperz	Robeson	Richmond	0	0	0	0	1	0	0	1	0	0
HC0124	Liberty Home Care	Davidson	Richmond	0	0	0	0	0	0	1	1	0	1
HC3694	Liberty Home Care and Hospice	Mecklenburg	Richmond	0	0	0	0	1	0	0	1	0	0
Richmond Totals				19	31	217	125	307	236	163	1,098	373	399
HC0235	Southeastern Home Health	Robeson	Robeson	37	351	172	170	318	362	178	1588	693	540
HC1178	Liberty Home Care	Robeson	Robeson	0	32	143	96	168	130	78	647	271	208
HC0526	Robeson County Home Health Agency	Robeson	Robeson	17	21	118	78	135	123	75	567	217	198
HC1185	HealthKeeperz	Robeson	Robeson	8	25	117	44	108	88	44	434	186	132
HC3421	Native Angels Home Health, Inc.	Cumberland	Robeson	27	31	60	44	63	57	31	313	135	88
HC0403	Healthkeeperz	Scotland	Robeson	3	11	42	23	43	40	24	186	76	64
HC0359	HealthKeeperz	Cumberland	Robeson	2	9	25	9	37	21	17	120	43	38
HC0283	Cape Fear Valley Home Health	Cumberland	Robeson	0	4	13	13	19	20	9	78	30	29

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HC0292	Amedisys Home Health of Fayetteville	Cumberland	Robeson	0	4	6	6	22	16	11	65	16	27
HC0277	Liberty Home Care	Hoke	Robeson	0	1	10	8	10	14	13	56	19	27
HC0309	Liberty Home Care	Bladen	Robeson	0	1	0	3	0	1	1	6	4	2
HC0274	Liberty Home Care	Cumberland	Robeson	0	0	0	2	0	0	0	2	2	0
HC0320	Liberty Home Care	Columbus	Robeson	0	0	0	1	0	1	0	2	1	1
Robeson Totals				94	490	706	497	923	873	481	4,064	1,693	1,354
HC0217	Advanced Home Care, Inc.	Rockingham	Rockingham	12	70	416	214	525	504	326	2067	700	830
HC0303	CareSouth Homecare Professionals	Guilford	Rockingham	0	7	38	14	44	67	45	215	59	112
HC0134	Amedisys Home Health	Alamance	Rockingham	0	3	12	9	21	12	15	72	24	27
HC1286	BAYADA Home Health Care, Inc.	Guilford	Rockingham	0	1	10	5	13	20	11	60	16	31
HC0952	Gentiva Health Services	Guilford	Rockingham	0	2	9	7	10	5	3	36	18	8
HC0297	Advanced Home Care	Guilford	Rockingham	3	1	6	3	5	12	3	33	10	15
HC0395	Brookdale Home Health Winston	Guilford	Rockingham	0	0	0	1	4	8	19	32	1	27
HC1885	Interim HealthCare of the Triad, Inc.	Guilford	Rockingham	0	1	7	4	3	3	0	18	12	3
HC0296	PruittHealth Home Health	Surry	Rockingham	0	4	4	2	2	0	0	12	10	0
HC0124	Liberty Home Care	Davidson	Rockingham	0	0	3	1	5	1	0	10	4	1
HC0249	Advanced Home Care	Alamance	Rockingham	0	0	0	0	2	1	0	3	0	1
HC0499	Advanced Home Care, Inc.	Forsyth	Rockingham	1	0	0	0	0	1	0	2	0	1
HC0005	BAYADA Home Health Care, Inc.	Forsyth	Rockingham	0	0	1	0	1	0	0	2	1	0
HC0489	Caswell County Home Health Agency	Caswell	Rockingham	1	1	0	0	0	0	0	2	1	0
HC0354	BAYADA Home Health Care, Inc.	Person	Rockingham	0	0	0	0	1	1	0	2	0	1
HC0521	Piedmont Home Care	Davidson	Rockingham	0	0	0	0	0	1	0	1	0	1
HC1304	Amedisys Home Health of Winston-Salem	Forsyth	Rockingham	0	0	0	0	0	1	0	1	0	1
HC3421	Native Angels Home Health, Inc.	Cumberland	Rockingham	0	0	0	1	0	0	0	1	1	0
Rockingham Totals				17	90	506	261	636	637	422	2,569	857	1,059
HC0265	Gentiva Health Services	Rowan	Rowan	0	35	209	136	384	395	353	1512	380	748
HC0399	Advanced Home Care	Rowan	Rowan	2	49	279	150	305	260	135	1180	478	395
HC0357	BAYADA Home Health Care, Inc.	Rowan	Rowan	0	9	68	28	100	92	87	384	105	179
HC0270	Gentiva Health Services	Rowan	Rowan	0	3	52	35	64	51	43	248	90	94
HC4677	Health @ Home - Carolinas Medical Center North	Mecklenburg	Rowan	0	6	46	18	40	37	13	160	70	50
HC0308	Health@Home - Albemarle	Stanly	Rowan	31	5	20	6	14	6	4	86	31	10
HC0124	Liberty Home Care	Davidson	Rowan	0	0	2	5	17	24	24	72	7	48
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Rowan	0	14	19	2	6	4	1	46	35	5
HC0495	Amedisys Home Health Care	Davidson	Rowan	0	0	5	0	10	13	13	41	5	26
HC1104	CareSouth Homecare Professionals per MFF/AHC.	Davidson	Rowan	0	3	10	5	6	3	2	29	18	5
HC0515	Iredell Home Health	Iredell	Rowan	1	1	7	0	2	3	1	15	8	4

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HC0281	Advanced Home Care	Cabarrus	Rowan	0	1	1	5	2	0	4	13	7	4
HC1325	Lake Norman Home Health	Iredell	Rowan	0	0	3	2	1	3	0	9	5	3
HC0395	Brookdale Home Health Winston	Guilford	Rowan	0	0	0	0	1	1	4	6	0	5
HC2404	Health@Home - Troy	Montgomery	Rowan	1	3	0	0	0	1	0	5	3	1
HC1038	Healthy@ Home - Carolinas Medical Center - Charlotte	Mecklenburg	Rowan	3	0	0	0	0	0	0	3	0	0
HC0521	Piedmont Home Care	Davidson	Rowan	0	0	0	0	1	1	0	2	0	1
HC0496	Davie County Home Health Agency	Davie	Rowan	0	0	1	0	1	0	0	2	1	0
HC0486	BAYADA Home Health Care, Inc.	Cabarrus	Rowan	0	0	0	1	0	0	0	1	1	0
HC0499	Advanced Home Care, Inc.	Forsyth	Rowan	0	0	0	0	1	0	0	1	0	0
Rowan Totals				38	129	722	393	955	894	684	3,815	1,244	1,578
HC0186	Carolina Home Care	Rutherford	Rutherford	37	42	179	98	256	194	163	969	319	357
HC0221	Gentive Health Services	Cleveland	Rutherford	0	18	93	59	128	119	90	507	170	209
HC0445	CareSouth Homecare Professionals	Rutherford	Rutherford	0	4	32	22	68	53	28	207	58	81
HC0042	Healthy@Home-Cleveland County HealthCare System	Cleveland	Rutherford	0	4	33	15	34	17	4	107	52	21
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	Rutherford	0	0	6	2	4	1	1	14	8	2
HC0201	Pardee Home Care	Henderson	Rutherford	0	0	0	0	2	4	5	11	0	9
HC0114	CarePartners Home Health Services	Buncombe	Rutherford	0	0	0	0	0	1	0	1	0	1
HC0436	CareSouth Homecare Professionals	Polk	Rutherford	0	0	0	0	1	0	0	1	0	0
HC0435	CareSouth Homecare Professionals	McDowell	Rutherford	0	0	0	0	0	0	1	1	0	1
HC0109	Home Care Services of Haywood Regional Medical Center	Haywood	Rutherford	0	0	0	0	0	0	0	0	0	0
Rutherford Totals				37	68	343	196	493	389	292	1,818	607	681
HC0257	Sampson Home Health	Sampson	Sampson	32	21	79	47	146	172	137	634	147	309
HC0255	3HC	Sampson	Sampson	6	17	67	35	92	87	64	368	119	151
HC1231	Well Care Home Health	New Hanover	Sampson	1	16	44	25	36	30	22	174	85	52
HC1565	Gentiva Health Services	Lenoir	Sampson	0	2	24	9	30	36	13	114	35	49
HC0125	Liberty Home Care	Harnett	Sampson	0	0	7	8	27	29	21	92	15	50
HC0074	Well Care Home Health, Inc.	Wake	Sampson	0	2	14	7	18	12	7	60	23	19
HC0309	Liberty Home Care	Bladen	Sampson	0	0	8	5	11	8	7	39	13	15
HC0274	Liberty Home Care	Cumberland	Sampson	0	0	2	3	13	10	8	36	5	18
HC0532	NHRMC Home Care	Pender	Sampson	3	0	9	3	13	4	3	35	12	7
HC0292	Amedisys Home Health of Fayetteville	Cumberland	Sampson	0	0	3	0	8	3	2	16	3	5
HC3421	Native Angels Home Health, Inc.	Cumberland	Sampson	3	2	1	2	0	0	0	8	5	0
HC0053	Vidant Home Health & Hospice	Duplin	Sampson	4	0	1	0	0	0	0	5	1	0
HC0228	3HC	Wayne	Sampson	0	0	0	2	0	2	0	4	2	2
HC1500	AssistedCare Home Health	Brunswick	Sampson	0	0	2	0	0	0	1	3	2	1
HC0359	HealthKeeperz	Cumberland	Sampson	0	0	1	0	0	1	0	2	1	1

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HC1299	Gentiva Health Services	Wayne	Sampson	0	0	0	1	0	1	0	2	1	1
HC0283	Cape Fear Valley Home Health	Cumberland	Sampson	0	0	1	0	0	0	0	1	1	0
HC1437	North Carolina Home Health	Wake	Sampson	0	0	0	0	1	0	0	1	0	0
Sampson Totals				49	60	263	147	395	395	285	1,594	470	680
HC0403	Healthkeeperz	Scotland	Scotland	6	21	89	33	78	55	54	336	143	109
HC1178	Liberty Home Care	Robeson	Scotland	0	8	33	19	42	27	46	175	60	73
HC0423	FirstHealth Home Care-Richmond	Richmond	Scotland	0	2	27	24	56	28	4	141	53	32
HC3421	Native Angels Home Health, Inc.	Cumberland	Scotland	11	8	13	10	24	11	6	83	31	17
HC0277	Liberty Home Care	Hoke	Scotland	0	1	2	1	1	2	1	8	4	3
HC1185	HealthKeeperz	Robeson	Scotland	0	0	0	0	1	1	0	2	0	1
HC0526	Robeson County Home Health Agency	Robeson	Scotland	0	2	0	0	0	0	0	2	2	0
Scotland Totals				17	42	164	87	202	124	111	747	293	235
HC0308	Health@Home - Albemarle	Stanly	Stanly	65	22	128	89	213	242	147	906	239	389
HC0270	Gentiva Health Services	Rowan	Stanly	0	11	69	32	79	56	50	297	112	106
HC0514	Stanly County Home Health Agency	Stanly	Stanly	51	7	35	19	53	61	61	287	61	122
HC0486	BAYADA Home Health Care, Inc.	Cabarrus	Stanly	0	1	19	10	54	58	29	171	30	87
HC1238	Union Regional Home Care	Union	Stanly	2	14	30	19	38	37	12	152	63	49
HC0281	Advanced Home Care	Cabarrus	Stanly	0	1	39	15	51	28	7	141	55	35
HC2404	Health@Home - Troy	Montgomery	Stanly	1	0	8	6	5	12	1	33	14	13
HC4677	Health @ Home - Carolinas Medical Center North	Mecklenburg	Stanly	0	0	0	1	1	2	1	5	1	3
HC0522	Home Health of Randolph Hospital	Randolph	Stanly	0	0	1	1	0	0	0	2	2	0
HC1038	Healthy@ Home - Carolinas Medical Center - Charlotte	Mecklenburg	Stanly	2	0	0	0	0	0	0	2	0	0
HC0357	BAYADA Home Health Care, Inc.	Rowan	Stanly	0	0	0	1	1	0	0	2	1	0
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Stanly	0	0	0	0	1	0	0	1	0	0
HC0929	CareSouth Homecare Professionals	Randolph	Stanly	0	0	0	0	1	0	0	1	0	0
Stanly Totals				121	56	329	193	497	496	308	2,000	578	804
HC1699	Gentiva Health Services	Stokes	Stokes	0	9	75	47	136	187	145	599	131	332
HC0499	Advanced Home Care, Inc.	Forsyth	Stokes	2	10	53	42	85	89	41	322	105	130
HC0217	Advanced Home Care, Inc.	Rockingham	Stokes	0	2	11	6	24	15	5	63	19	20
HC0517	Pioneer Home Health of Stokes, LLC	Stokes	Stokes	1	1	9	6	16	12	16	61	16	28
HC1304	Amedisys Home Health of Winston-Salem	Forsyth	Stokes	0	0	9	4	13	22	11	59	13	33
HC0005	BAYADA Home Health Care, Inc.	Forsyth	Stokes	0	0	10	6	10	9	3	38	16	12
HC1886	Interim HealthCare of the Triad, Inc.	Forsyth	Stokes	2	2	12	2	7	8	1	34	16	9
HC1104	CareSouth Homecare Professionals per MFF/AHC.	Davidson	Stokes	0	1	6	0	8	10	8	33	7	18
HC0296	PruittHealth Home Health	Surry	Stokes	0	1	9	1	3	9	2	25	11	11
HC0420	Liberty Home Care	Surry	Stokes	0	0	3	0	8	11	2	24	3	13

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Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC0124	Liberty Home Care	Davidson	Stokes	0	0	1	0	0	1	1	3	1	2
HC0567	Gentiva Health Services	Forsyth	Stokes	0	0	1	1	0	1	0	3	2	1
HC0521	Piedmont Home Care	Davidson	Stokes	0	0	0	0	0	2	0	2	0	2
HC0297	Advanced Home Care	Guilford	Stokes	0	0	0	0	1	1	0	2	0	1
HC0303	CareSouth Homecare Professionals	Guilford	Stokes	0	0	0	1	0	0	0	1	1	0
Stokes Totals				5	26	199	116	311	377	235	1,269	341	612
HC0420	Liberty Home Care	Surry	Surry	0	12	60	44	148	192	179	635	116	371
HC1699	Gentiva Health Services	Stokes	Surry	1	10	76	48	132	187	145	599	134	332
HC0346	Yadkin Valley Home Health	Yadkin	Surry	4	5	32	56	93	106	81	377	93	187
HC0499	Advanced Home Care, Inc.	Forsyth	Surry	1	19	65	32	72	48	20	257	116	68
HC0296	PruittHealth Home Health	Surry	Surry	0	6	21	14	33	38	26	138	41	64
HC0430	Wake Forest Baptist Health Care at Home, LLC	Wilkes	Surry	0	1	10	6	10	22	22	71	17	44
HC1304	Amedisys Home Health of Winston-Salem	Forsyth	Surry	0	5	15	8	18	14	3	63	28	17
HC0252	Gentiva Health Services	Wilkes	Surry	0	0	7	9	14	11	7	48	16	18
HC1886	Interim HealthCare of the Triad, Inc.	Forsyth	Surry	2	0	0	1	2	2	2	9	1	4
HC0567	Gentiva Health Services	Forsyth	Surry	0	0	1	0	1	0	0	2	1	0
HC0005	BAYADA Home Health Care, Inc.	Forsyth	Surry	0	0	2	0	0	0	0	2	2	0
HC0517	Pioneer Home Health of Stokes, LLC	Stokes	Surry	0	0	1	0	0	0	0	1	1	0
HC3694	Liberty Home Care and Hospice	Mecklenburg	Surry	0	0	0	0	1	0	0	1	0	0
Surry Totals				8	58	290	218	524	620	485	2,203	566	1,105
HC0157	Harris Home Health	Jackson	Swain	0	8	29	15	57	26	27	162	52	53
HC0279	CarePartners Home Health Services	Haywood	Swain	0	0	0	0	1	0	0	1	0	0
HC0440	CarePartners Home Health Services	Henderson	Swain	0	0	0	0	1	0	0	1	0	0
Swain Totals				0	8	29	15	59	26	27	164	52	53
HC0067	Transylvania Home Care and Hospice	Transylvania	Transylvania	24	31	99	84	186	234	224	882	214	458
HC2114	Gentiva Health Services	Buncombe	Transylvania	0	2	17	5	32	63	77	196	24	140
HC0911	Park Ridge Home Health	Henderson	Transylvania	0	0	6	5	14	14	0	39	11	14
HC0440	CarePartners Home Health Services	Henderson	Transylvania	0	1	7	3	2	0	2	15	11	2
HC0201	Pardee Home Care	Henderson	Transylvania	0	2	2	0	3	1	2	10	4	3
HC0114	CarePartners Home Health Services	Buncombe	Transylvania	9	0	0	0	0	0	0	9	0	0
HC0279	CarePartners Home Health Services	Haywood	Transylvania	0	0	0	0	0	1	0	1	0	1
Transylvania Totals				33	36	131	97	237	313	305	1,152	264	618
HC0524	Roanoke Home Care	Tyrrell	Tyrrell	1	4	7	9	22	17	13	73	20	30
HC0523	Roanoke Home Care	Washington	Tyrrell	1	0	0	0	0	0	0	1	0	0
Tyrrell Totals				2	4	7	9	22	17	13	74	20	30
HC2057	Gentiva Health Services	Union	Union	0	24	239	120	391	333	270	1377	383	603

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Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
HC1238	Union Regional Home Care	Union	Union	35	54	231	93	337	309	164	1223	378	473
HC0171	Advanced Home Care	Mecklenburg	Union	1	22	91	46	124	133	50	467	159	183
HC1901	Interim HealthCare of the Triad, Inc.	Mecklenburg	Union	8	10	43	8	34	19	5	127	61	24
HC0355	BAYADA Home Health Care, Inc.	Mecklenburg	Union	0	3	14	7	27	27	17	95	24	44
HC1038	Healthy@ Home - Carolinas Medical Center - Charlotte	Mecklenburg	Union	81	0	0	0	1	2	0	84	0	2
HC3694	Liberty Home Care and Hospice	Mecklenburg	Union	0	0	1	2	11	17	11	42	3	28
HC3966	Personal Home Care of North Carolina, LLC	Mecklenburg	Union	0	0	6	4	14	7	7	38	10	14
HC0369	Brookdale Home Health Charlotte	Mecklenburg	Union	0	0	0	0	6	16	14	36	0	30
HC0308	Health@Home - Albemarle	Stanly	Union	4	0	2	1	1	2	0	10	3	2
HC2404	Health@Home - Troy	Montgomery	Union	1	0	1	0	0	0	0	2	1	0
HC0281	Advanced Home Care	Cabarrus	Union	0	0	0	0	0	1	0	1	0	1
HC0264	Liberty Home Care	Anson	Union	0	0	1	0	0	0	0	1	1	0
Union Totals				130	113	629	281	946	866	538	3,503	1,023	1,404
HC0823	Maria Parham Regional Home Health	Vance	Vance	1	9	50	24	68	74	62	288	83	136
HC0078	Amedisys Home Health	Franklin	Vance	0	8	32	11	52	68	51	222	51	119
HC0215	Gentiva Health Services	Franklin	Vance	0	3	39	12	41	23	33	151	54	56
HC0501	Granville-Vance Home Health Agency	Vance	Vance	5	14	29	11	27	29	18	133	54	47
HC0360	Duke Home Health	Durham	Vance	2	6	23	15	14	6	3	69	44	9
HC0074	Well Care Home Health, Inc.	Wake	Vance	0	3	22	5	16	16	4	66	30	20
HC0339	Intrepid USA Healthcare Services	Wake	Vance	0	0	7	5	15	15	16	58	12	31
HC0500	Franklin County Home Health Agency	Franklin	Vance	3	1	5	0	1	2	2	14	6	4
HC1437	North Carolina Home Health	Wake	Vance	0	0	1	0	1	0	0	2	1	0
HC0828	Pediatric Services of America, Inc.	Wake	Vance	2	0	0	0	0	0	0	2	0	0
HC2112	Medi Home Health Agency	Wake	Vance	0	0	0	0	0	2	0	2	0	2
HC4538	PruittHealth Home Health	Wake	Vance	0	0	0	0	0	1	0	1	0	1
Vance Totals				13	44	208	83	235	236	189	1,008	335	425
HC0422	Rex Home Services	Wake	Wake	4	100	545	349	891	886	533	3308	994	1419
HC0299	Gentiva Health Services	Wake	Wake	0	34	286	170	610	794	869	2763	490	1663
HC1293	WakeMed Home Health	Wake	Wake	0	109	374	187	538	470	287	1965	670	757
HC0074	Well Care Home Health, Inc.	Wake	Wake	26	78	269	150	416	359	242	1540	497	601
HC2562	Liberty Home Care	Wake	Wake	0	19	186	119	297	243	211	1075	324	454
HC0360	Duke Home Health	Durham	Wake	9	42	203	97	210	209	133	903	342	342
HC0339	Intrepid USA Healthcare Services	Wake	Wake	0	3	75	56	167	198	222	721	134	420
HC2112	Medi Home Health Agency	Wake	Wake	0	9	67	60	135	210	240	721	136	450
HC0507	3HC	Johnston	Wake	11	47	156	70	153	135	81	653	273	216
HC3820	BAYADA Home Health Care, Inc.	Wake	Wake	0	16	122	71	215	189	15	628	209	204

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HC0145	Amedisys Home Health	Alamance	Wake	0	3	44	33	91	163	164	498	80	327
HC0166	Amedisys Home Health of Chapel Hill	Orange	Wake	0	7	25	6	87	119	114	358	38	233
HC0031	Transitions LifeCare	Wake	Wake	0	6	32	15	60	76	83	272	53	159
HC4538	PruittHealth Home Health	Wake	Wake	0	3	25	8	49	63	69	217	36	132
HC0215	Gentiva Health Services	Franklin	Wake	0	2	27	22	42	70	35	198	51	105
HC1437	North Carolina Home Health	Wake	Wake	0	2	7	4	21	18	13	65	13	31
HC0327	Brookdale Home Health Raleigh	Durham	Wake	0	0	0	1	4	21	38	64	1	59
HC0828	Pediatric Services of America, Inc.	Wake	Wake	26	0	0	0	0	0	0	26	0	0
HC0125	Liberty Home Care	Harnett	Wake	0	0	1	2	5	5	4	17	3	9
HC0528	Liberty Home Care	Chatham	Wake	0	0	0	0	1	0	3	4	0	3
HC0255	3HC	Sampson	Wake	0	3	1	0	0	0	0	4	4	0
HC0508	3HC	Wilson	Wake	0	1	1	0	1	0	0	3	2	0
HC1176	Liberty Home Care	Durham	Wake	0	0	0	0	3	0	0	3	0	0
HC0383	Johnston Health Home Care and Hospice	Johnston	Wake	0	0	0	0	2	0	0	2	0	0
HC0196	Liberty Home Care	New Hanover	Wake	0	0	0	0	0	0	1	1	0	1
HC0929	CareSouth Homecare Professionals	Randolph	Wake	0	0	0	0	0	0	1	1	0	1
HC0002	Liberty Home Care	Moore	Wake	0	0	0	0	0	1	0	1	0	1
HC0500	Franklin County Home Health Agency	Franklin	Wake	0	0	0	0	0	0	1	1	0	1
HC0030	UNC Home Health	Orange	Wake	0	0	1	0	0	0	0	1	1	0
Wake Totals				76	484	2,447	1,420	3,998	4,229	3,359	16,013	4,351	7,588
HC0341	Warren County Home Health Agency	Warren	Warren	1	2	33	19	42	47	51	195	54	98
HC0078	Amedisys Home Health	Franklin	Warren	0	3	9	16	35	32	37	132	28	69
HC0215	Gentiva Health Services	Franklin	Warren	0	4	21	14	24	31	22	116	39	53
HC0823	Maria Parham Regional Home Health	Vance	Warren	0	2	19	4	29	21	18	93	25	39
HC0074	Well Care Home Health, Inc.	Wake	Warren	0	2	13	5	10	4	2	36	20	6
HC0765	Home Health and Hospice of Halifax	Halifax	Warren	0	0	0	3	2	2	0	7	3	2
HC0500	Franklin County Home Health Agency	Franklin	Warren	1	0	0	0	3	0	0	4	0	0
HC0501	Granville-Vance Home Health Agency	Vance	Warren	0	0	0	1	1	0	1	3	1	1
HC0530	Northampton Co. Home Health Agency	Northampton	Warren	0	0	0	0	2	0	0	2	0	0
HC0497	Gentiva Health Services	Nash	Warren	0	0	1	0	0	0	0	1	1	0
HC0828	Pediatric Services of America, Inc.	Wake	Warren	0	0	0	0	0	0	0	0	0	0
Warren Totals				2	13	96	62	148	137	131	589	171	268
HC0523	Roanoke Home Care	Washington	Washington	7	7	22	13	48	45	25	167	42	70
HC0329	Gentiva Health Services	Beaufort	Washington	0	7	17	7	31	30	22	114	31	52
HC1052	Vidant Home Health and Hospice	Bertie	Washington	0	1	6	5	6	3	1	22	12	4
HC1634	Vidant Home Health and Hospice	Beaufort	Washington	0	3	1	3	5	3	1	16	7	4

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Washington Totals				7	18	46	28	90	81	49	319	92	130
HC1544	Gentiva Health Services	Watauga	Watauga	0	14	53	43	126	154	128	518	110	282
HC0477	Medi Home Health and Hospice	Watauga	Watauga	0	0	15	7	36	51	66	175	22	117
HC0479	Medi Home Health and Hospice	Ashe	Watauga	0	0	0	0	1	0	0	1	0	0
Watauga Totals				0	14	68	50	163	205	194	694	132	399
HC0228	3HC	Wayne	Wayne	8	65	279	160	345	356	225	1438	504	581
HC1299	Gentiva Health Services	Wayne	Wayne	0	28	168	137	312	412	290	1347	333	702
HC0074	Well Care Home Health, Inc.	Wake	Wayne	1	9	43	24	74	77	40	268	76	117
HC0168	AssistedCare of the Carolinas	Greene	Wayne	1	5	23	17	31	34	27	138	45	61
HC0053	Vidant Home Health & Hospice	Duplin	Wayne	10	2	10	6	17	20	16	81	18	36
HC0327	Brookdale Home Health Raleigh	Durham	Wayne	0	0	0	0	1	6	16	23	0	22
HC0428	Gentiva Health Services	Lenoir	Wayne	0	0	2	1	1	4	3	11	3	7
HC0343	Wilson County Home Health	Wilson	Wayne	2	1	1	1	2	2	1	10	3	3
HC0195	3HC	Lenoir	Wayne	0	0	3	0	2	3	0	8	3	3
HC0507	3HC	Johnston	Wayne	0	0	2	1	0	0	1	4	3	1
HC0508	3HC	Wilson	Wayne	0	0	2	0	1	0	0	3	2	0
HC0316	Liberty Home Care	Onslow	Wayne	0	0	0	0	0	0	1	1	0	1
HC0255	3HC	Sampson	Wayne	0	0	0	0	0	0	1	1	0	1
Wayne Totals				22	110	533	347	786	914	621	3,333	990	1,535
HC0430	Wake Forest Baptist Health Care at Home, LLC	Wilkes	Wilkes	1	32	140	57	153	217	186	786	229	403
HC0252	Gentiva Health Services	Wilkes	Wilkes	0	21	102	54	118	109	72	476	177	181
HC0346	Yadkin Valley Home Health	Yadkin	Wilkes	0	3	42	29	102	94	58	328	74	152
HC0487	Advanced Home Care	Caldwell	Wilkes	0	4	23	8	36	20	8	99	35	28
HC0296	PruittHealth Home Health	Surry	Wilkes	0	3	8	2	11	8	8	40	13	16
HC0420	Liberty Home Care	Surry	Wilkes	0	0	1	0	2	2	3	8	1	5
HC0515	Iredell Home Health	Iredell	Wilkes	0	0	0	1	2	2	0	5	1	2
HC0479	Medi Home Health and Hospice	Ashe	Wilkes	0	0	1	1	2	0	1	5	2	1
HC0490	Catawba County Home Health Agency	Catawba	Wilkes	0	0	0	0	2	1	0	3	0	1
HC1544	Gentiva Health Services	Watauga	Wilkes	0	0	0	1	0	0	1	2	1	1
HC0499	Advanced Home Care, Inc.	Forsyth	Wilkes	0	1	0	1	0	0	0	2	2	0
HC0105	Healthy@Home - Blue Ridge HealthCare	Burke	Wilkes	0	0	1	0	0	0	0	1	1	0
HC0476	Alexander County Home Health Agency	Alexander	Wilkes	0	1	0	0	0	0	0	1	1	0
HC0227	Gentiva Health Services	Catawba	Wilkes	0	0	0	1	0	0	0	1	1	0
Wilkes Totals				1	65	318	155	428	453	337	1,757	538	790
HC0343	Wilson County Home Health	Wilson	Wilson	46	94	250	142	313	359	312	1516	486	671
HC0508	3HC	Wilson	Wilson	4	17	96	65	134	122	107	545	178	229

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HC0328	Gentiva Health Services	Pitt	Wilson	0	6	37	28	89	86	95	341	71	181
HC0074	Well Care Home Health, Inc.	Wake	Wilson	0	6	31	9	37	30	27	140	46	57
HC0168	AssistedCare of the Carolinas	Greene	Wilson	0	2	11	14	20	21	16	84	27	37
HC1443	Vidant Home Health and Hospice	Pitt	Wilson	0	2	9	5	10	2	3	31	16	5
HC0497	Gentiva Health Services	Nash	Wilson	0	0	7	1	2	7	3	20	8	10
HC0228	3HC	Wayne	Wilson	0	0	0	2	1	0	0	3	2	0
HC1299	Gentiva Health Services	Wayne	Wilson	0	0	0	0	1	0	1	2	0	1
HC0445	CareSouth Homecare Professionals	Rutherford	Wilson	0	0	1	0	0	0	0	1	1	0
HC0195	3HC	Lenoir	Wilson	0	0	1	0	0	0	0	1	1	0
HC0507	3HC	Johnston	Wilson	0	0	0	0	0	1	0	1	0	1
HC0436	CareSouth Homecare Professionals	Polk	Wilson	0	0	0	0	1	0	0	1	0	0
HC0498	Edgecombe HomeCare & Hospice	Edgecombe	Wilson	0	0	0	1	0	0	0	1	1	0
HC0828	Pediatric Services of America, Inc.	Wake	Wilson	0	0	0	0	0	0	0	0	0	0
Wilson Totals				50	127	443	267	608	628	564	2,687	837	1,192
HC0346	Yadkin Valley Home Health	Yadkin	Yadkin	3	18	55	19	111	123	102	431	92	225
HC0499	Advanced Home Care, Inc.	Forsyth	Yadkin	0	8	44	22	51	56	18	199	74	74
HC0430	Wake Forest Baptist Health Care at Home, LLC	Wilkes	Yadkin	0	14	36	14	30	31	19	144	64	50
HC0252	Gentiva Health Services	Wilkes	Yadkin	0	3	28	15	27	28	11	112	46	39
HC1304	Amedisys Home Health of Winston-Salem	Forsyth	Yadkin	0	0	9	5	21	19	19	73	14	38
HC0567	Gentiva Health Services	Forsyth	Yadkin	0	0	8	7	19	10	4	48	15	14
HC0296	PruittHealth Home Health	Surry	Yadkin	0	4	5	3	5	3	2	22	12	5
HC0005	BAYADA Home Health Care, Inc.	Forsyth	Yadkin	0	0	2	0	3	1	4	10	2	5
HC0420	Liberty Home Care	Surry	Yadkin	0	0	3	1	1	4	0	9	4	4
HC0496	Davie County Home Health Agency	Davie	Yadkin	0	0	0	0	2	2	2	6	0	4
HC1886	Interim HealthCare of the Triad, Inc.	Forsyth	Yadkin	1	2	0	2	0	0	0	5	4	0
HC0124	Liberty Home Care	Davidson	Yadkin	0	0	0	0	2	0	2	4	0	2
HC1699	Gentiva Health Services	Stokes	Yadkin	0	0	1	1	2	0	0	4	2	0
HC0515	Iredell Home Health	Iredell	Yadkin	1	0	1	0	0	1	0	3	1	1
HC0521	Piedmont Home Care	Davidson	Yadkin	0	0	0	0	0	1	0	1	0	1
HC0399	Advanced Home Care	Rowan	Yadkin	0	0	1	0	0	0	0	1	1	0
Yadkin Totals				5	49	193	89	274	279	183	1,072	331	462
HC0323	PruittHealth Home Health-Yancey	Yancey	Yancey	0	11	64	35	96	108	115	429	110	223
HC0114	CarePartners Home Health Services	Buncombe	Yancey	9	7	49	28	75	73	33	274	84	106
HC0419	Madison Home Care & Hospice	Madison	Yancey	0	0	1	1	1	0	4	7	2	4
Yancey Totals				9	18	114	64	172	181	152	710	196	333

Figures were entered from the 2016 Home Health Data Supplements. Data were self-reported to Healthcare Planning.

Table12A: Home Health Data by County of Patient Origin - 2015 Data - Agencies or Offices Serving Residents of Counties by Age

Lic. #	Name	Facility County	Resident County	< 18	18-40	41-59	60-64	65-74	75-84	85 and >	Total	18-64	75+
North Carolina Totals				4,004	8,472	38,270	21,815	56,565	56,919	43,162	229,207	68,557	100,081

Figures were entered from the 2016 Home Health Data Supplements. Data were self-reported to Healthcare Planning.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Under Age 18											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Cherokee	5	4,952	1.01	3	4,925	0.61	3	4,907	0.61	-20.0000%	-19.6521%
Clay	1	1,881	0.53	0	1,886	0.00	0	1,895	0.00	-50.0000%	-50.0000%
Graham	0	1,868	0.00	0	1,869	0.00	0	1,861	0.00	0.0000%	0.0000%
Haywood	57	11,173	5.10	52	11,121	4.68	70	11,103	6.30	12.9217%	13.2441%
Jackson	0	7,192	0.00	9	7,235	1.24	11	7,281	1.51	11.1111%	10.7250%
Macon	9	6,448	1.40	13	6,495	2.00	18	6,544	2.75	41.4530%	40.4120%
Swain	0	3,419	0.00	0	3,454	0.00	0	3,503	0.00	0.0000%	0.0000%
Region A Totals	72	36,933	1.95	77	36,985	2.08	102	37,094	2.75	19.7060%	19.4362%
Buncombe	143	49,252	2.90	169	49,427	3.42	155	49,704	3.12	4.9489%	4.4841%
Henderson	47	21,956	2.14	58	22,035	2.63	54	22,059	2.45	8.2539%	7.9820%
Madison	15	4,048	3.71	17	4,024	4.22	14	3,984	3.51	-2.1569%	-1.4055%
Transylvania	19	5,693	3.34	28	5,656	4.95	33	5,654	5.84	32.6128%	33.1156%
Region B Totals	224	80,949	2.77	272	81,142	3.35	256	81,401	3.14	7.7731%	7.4790%
Cleveland	119	21,854	5.45	87	21,711	4.01	90	21,507	4.18	-11.7212%	-10.9899%
McDowell	30	9,519	3.15	40	9,443	4.24	25	9,331	2.68	-2.0833%	-1.1717%
Polk	6	3,615	1.66	10	3,597	2.78	12	3,547	3.38	43.3333%	44.5961%
Rutherford	39	14,548	2.68	33	14,361	2.30	37	14,211	2.60	-1.6317%	-0.4891%
Region C Totals	194	49,536	3.92	170	49,112	3.46	164	48,596	3.37	-7.9503%	-7.0598%
Alleghany	0	2,064	0.00	0	2,044	0.00	0	2,029	0.00	0.0000%	0.0000%
Ashe	5	5,227	0.96	1	5,165	0.19	0	5,108	0.00	-90.0000%	-89.8800%
Avery	1	2,897	0.35	0	2,873	0.00	5	2,820	1.77	-50.0000%	-50.0000%
Mitchell	12	2,850	4.21	11	2,905	3.79	14	2,890	4.84	9.4697%	8.9322%
Watauga	7	6,973	1.00	2	6,925	0.29	0	6,932	0.00	-85.7143%	-85.6153%
Wilkes	9	14,904	0.60	3	14,717	0.20	1	14,588	0.07	-66.6667%	-66.3075%
Yancey	14	3,433	4.08	7	3,382	2.07	9	3,359	2.68	-10.7143%	-9.8971%
Region D Totals	48	38,348	1.25	24	38,011	0.63	29	37,726	0.77	-14.5833%	-13.9053%
Alexander	41	7,988	5.13	37	7,955	4.65	34	7,966	4.27	-8.9321%	-8.8084%
Burke	46	18,983	2.42	74	18,637	3.97	55	18,409	2.99	17.5969%	19.5505%
Caldwell	39	17,622	2.21	62	17,383	3.57	54	17,133	3.15	23.0356%	24.7639%
Catawba	114	35,797	3.18	155	35,495	4.37	126	35,329	3.57	8.6276%	9.3970%
Region E Totals	240	80,390	2.99	328	79,470	4.13	269	78,837	3.41	9.3394%	10.4598%
Anson	41	5,521	7.43	30	5,483	5.47	28	5,430	5.16	-16.7480%	-16.0389%
Cabarrus	106	48,667	2.18	108	49,549	2.18	82	50,215	1.63	-11.0936%	-12.5040%
Gaston	244	48,791	5.00	246	48,864	5.03	213	48,807	4.36	-6.2975%	-6.3222%
Iredell	61	39,466	1.55	55	39,263	1.40	59	39,107	1.51	-1.2817%	-0.8346%
Lincoln	56	17,649	3.17	46	17,410	2.64	39	17,267	2.26	-16.5373%	-15.6224%
Mecklenburg *	808	242,866	3.33	806	247,083	3.26	692	250,786	2.76	-7.1957%	-8.6808%
Rowan	35	31,875	1.10	28	31,641	0.88	38	31,324	1.21	7.8571%	8.8397%
Stanly	100	13,163	7.60	100	13,167	7.59	121	13,139	9.21	10.5000%	10.6137%
Union	152	59,620	2.55	159	59,454	2.67	130	59,349	2.19	-6.8169%	-6.5985%
Region F Totals	1,603	507,618	3.16	1,578	511,914	3.08	1,402	515,424	2.72	-6.3565%	-7.0720%
Alamance	52	35,093	1.48	43	35,306	1.22	31	35,420	0.88	-22.6073%	-22.9728%
Caswell	10	4,550	2.20	10	4,427	2.26	7	4,388	1.60	-15.0000%	-13.2997%
Davidson	37	37,289	0.99	27	37,016	0.73	22	36,668	0.60	-22.7728%	-22.1170%
Guilford	317	115,003	2.76	235	115,447	2.04	176	115,461	1.52	-25.4869%	-25.6340%
Montgomery	49	6,437	7.61	56	6,351	8.82	80	6,306	12.69	28.5714%	29.8549%
Randolph	237	33,484	7.08	203	33,160	6.12	260	32,913	7.90	6.8664%	7.7655%
Rockingham	37	19,494	1.90	21	19,443	1.08	17	19,279	0.88	-31.1454%	-30.7267%
Region G Totals	739	251,350	2.94	595	251,150	2.37	593	250,435	2.37	-9.9110%	-9.7366%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Under Age 18											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Davie	9	9,090	0.99	4	8,859	0.45	5	8,697	0.57	-15.2778%	-13.5341%
Forsyth	196	86,251	2.27	100	86,404	1.16	67	86,916	0.77	-40.9898%	-41.2323%
Stokes	8	9,530	0.84	7	9,320	0.75	5	9,100	0.55	-20.5357%	-18.6865%
Surry	12	16,355	0.73	6	16,292	0.37	8	16,003	0.50	-8.3333%	-7.0327%
Yadkin	12	8,448	1.42	5	8,261	0.61	5	8,088	0.62	-29.1667%	-27.6256%
Region I Totals	237	129,674	1.83	122	129,136	0.94	90	128,804	0.70	-37.3764%	-37.1741%
Chatham	18	13,895	1.30	13	13,880	0.94	14	13,898	1.01	-10.0427%	-10.0734%
Durham	57	65,437	0.87	49	67,236	0.73	42	69,044	0.61	-14.1604%	-16.4327%
Johnston	37	47,366	0.78	34	47,611	0.71	21	47,843	0.44	-23.1717%	-23.5579%
Lee	19	14,980	1.27	10	14,977	0.67	11	14,922	0.74	-18.6842%	-18.4762%
Moore *	48	19,452	2.47	46	19,565	2.35	33	19,727	1.67	-16.2138%	-16.7851%
Orange	31	28,067	1.10	29	27,514	1.05	20	27,444	0.73	-18.7430%	-17.7150%
Wake *	135	243,011	0.56	89	246,661	0.36	76	248,862	0.31	-24.3404%	-25.2058%
Region J Totals	345	432,208	0.80	270	437,444	0.62	217	441,740	0.49	-20.6844%	-21.5436%
Franklin	16	14,687	1.09	7	14,552	0.48	10	14,469	0.69	-6.6964%	-6.0837%
Granville	7	12,151	0.58	3	11,978	0.25	6	11,859	0.51	21.4286%	22.7415%
Person	3	8,572	0.35	4	8,509	0.47	4	8,440	0.47	16.6667%	17.5690%
Vance	8	10,967	0.73	8	10,881	0.74	13	10,803	1.20	31.2500%	32.2318%
Warren	5	3,890	1.29	2	3,896	0.51	2	3,864	0.52	-30.0000%	-29.6167%
Region K Totals	39	50,267	0.78	24	49,816	0.48	35	49,435	0.71	3.6859%	4.5264%
Edgecombe	15	13,130	1.14	9	12,959	0.69	11	12,813	0.86	-8.8889%	-7.7967%
Halifax	14	11,787	1.19	11	11,621	0.95	2	11,498	0.17	-51.6234%	-50.9650%
Nash	23	21,591	1.07	31	21,176	1.46	12	20,837	0.58	-13.2539%	-11.6183%
Northampton	3	4,140	0.72	2	4,069	0.49	1	4,007	0.25	-41.6667%	-40.6982%
Wilson	76	19,432	3.91	71	19,275	3.68	50	19,161	2.61	-18.0782%	-17.4882%
Region L Totals	131	70,080	1.87	124	69,100	1.79	76	68,316	1.11	-22.0266%	-21.0037%
Cumberland *	224	88,907	2.52	131	87,765	1.49	121	88,586	1.37	-24.5757%	-24.6233%
Harnett *	35	33,888	1.03	26	34,520	0.75	21	35,113	0.60	-22.4725%	-23.8346%
Sampson	48	16,086	2.98	45	16,017	2.81	49	15,993	3.06	1.3194%	1.6031%
Region M Totals	307	138,881	2.21	202	138,302	1.46	191	139,692	1.37	-19.8237%	-20.1564%
Bladen	30	7,723	3.88	30	7,613	3.94	22	7,522	2.92	-13.3333%	-12.1673%
Hoke *	25	15,578	1.60	17	15,755	1.08	21	16,030	1.31	-4.2353%	-5.6769%
Richmond	35	10,965	3.19	31	10,713	2.89	19	10,590	1.79	-25.0691%	-23.6715%
Robeson	128	34,276	3.73	84	33,967	2.47	94	33,502	2.81	-11.2351%	-10.1600%
Scotland	23	8,780	2.62	21	8,657	2.43	17	8,513	2.00	-13.8716%	-12.5383%
Region N Totals	241	77,322	3.12	183	76,705	2.39	173	76,157	2.27	-14.7654%	-14.1199%
Brunswick	117	20,809	5.62	94	21,016	4.47	70	21,408	3.27	-22.5950%	-23.6725%
Columbus	62	12,856	4.82	57	12,692	4.49	44	12,575	3.50	-15.4358%	-14.4827%
New Hanover *	113	41,348	2.73	99	41,762	2.37	65	42,070	1.55	-23.3664%	-24.0410%
Pender *	33	11,972	2.76	31	11,977	2.59	23	12,187	1.89	-15.9335%	-16.5924%
Region O Totals	325	86,985	3.74	281	87,447	3.21	202	88,240	2.29	-20.8262%	-21.3776%
Carteret *	8	12,541	0.64	4	12,464	0.32	3	12,383	0.24	-37.5000%	-37.1003%
Craven *	19	25,414	0.75	13	25,742	0.51	5	26,131	0.19	-46.5587%	-47.2809%
Duplin	37	14,893	2.48	47	14,798	3.18	13	14,753	0.88	-22.6567%	-22.2068%
Greene	1	4,777	0.21	1	4,760	0.21	2	4,695	0.43	50.0000%	51.5630%
Jones	0	2,181	0.00	0	2,124	0.00	0	2,115	0.00	0.0000%	0.0000%
Lenoir	6	13,542	0.44	8	13,409	0.60	5	13,308	0.38	-2.0833%	-1.1849%
Onslow *	75	52,593	1.43	99	53,420	1.85	74	55,160	1.34	3.3737%	1.1730%
Pamlico	0	2,193	0.00	0	2,168	0.00	0	2,135	0.00	0.0000%	0.0000%
Wayne *	10	30,637	0.33	16	30,830	0.52	22	30,857	0.71	48.7500%	48.1890%
Region P Totals	156	158,771	0.98	188	159,715	1.18	124	161,537	0.77	-6.7649%	-7.4930%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Under Age 18											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Beaufort	2	10,231	0.20	0	10,087	0.00	2	10,015	0.20	-50.0000%	-50.0000%
Bertie	1	4,090	0.24	1	4,026	0.25	1	3,931	0.25	0.0000%	2.0032%
Hertford	4	4,944	0.81	2	4,919	0.41	2	4,874	0.41	-25.0000%	-24.4113%
Martin	8	5,011	1.60	10	4,976	2.01	8	4,923	1.63	2.5000%	3.3702%
Pitt	3	38,587	0.08	2	38,590	0.05	4	38,642	0.10	33.3333%	33.1962%
Region Q Totals	18	62,863	0.29	15	62,598	0.24	17	62,385	0.27	-1.6667%	-1.2968%
Camden	4	2,267	1.76	5	2,273	2.20	4	2,256	1.77	2.5000%	2.6364%
Chowan	4	3,176	1.26	7	3,110	2.25	4	3,072	1.30	16.0714%	18.2818%
Currituck	8	5,200	1.54	5	5,375	0.93	10	5,469	1.83	31.2500%	28.5138%
Dare	12	6,842	1.75	12	6,831	1.76	11	6,860	1.60	-4.1667%	-4.2799%
Gates	4	2,414	1.66	0	2,465	0.00	2	2,404	0.83	-50.0000%	-50.0000%
Hyde	0	1,028	0.00	0	1,004	0.00	0	989	0.00	0.0000%	0.0000%
Pasquotank *	20	8,950	2.23	14	9,060	1.55	16	9,169	1.75	-7.8571%	-8.9614%
Perquimans	12	2,669	4.50	10	2,658	3.76	8	2,625	3.05	-18.3333%	-17.6580%
Tyrrell	3	734	4.09	2	745	2.68	2	762	2.62	-16.6667%	-18.2743%
Washington	6	2,845	2.11	7	2,792	2.51	7	2,754	2.54	8.3333%	10.1306%
Region R Totals	73	36,125	2.02	62	36,313	1.71	64	36,360	1.76	-5.9213%	-6.2079%
Grand Totals	4,992	2,288,300	2.18	4,515	2,294,360	1.97	4,004	2,302,179	1.74	-10.4366%	-10.7066%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 18-64											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Cherokee	142	15,143	9.38	143	15,104	9.47	184	15,030	12.24	14.6878%	15.1345%
Clay	53	5,874	9.02	48	5,886	8.15	58	5,920	9.80	5.6997%	5.2604%
Graham	33	5,030	6.56	41	4,988	8.22	36	4,990	7.21	6.0237%	6.5291%
Haywood	400	34,714	11.52	311	34,593	8.99	455	34,527	13.18	12.0261%	12.3019%
Jackson	103	26,583	3.87	150	26,468	5.67	171	26,416	6.47	29.8155%	30.2441%
Macon	121	18,777	6.44	126	18,748	6.72	143	18,868	7.58	8.8121%	8.5318%
Swain	46	8,567	5.37	66	8,652	7.63	52	8,723	5.96	11.1331%	10.1076%
Region A Totals	898	114,688	7.83	885	114,439	7.73	1,099	114,474	9.60	11.3666%	11.4548%
Buncombe	1,980	156,211	12.68	1,851	156,708	11.81	1,881	157,789	11.92	-2.4472%	-2.9435%
Henderson	761	60,908	12.49	852	61,418	13.87	724	61,810	11.71	-1.5328%	-2.2671%
Madison	175	13,129	13.33	170	13,193	12.89	176	13,238	13.30	0.3361%	-0.0755%
Transylvania	223	18,089	12.33	230	18,080	12.72	264	18,153	14.54	8.9608%	8.7557%
Region B Totals	3,139	248,337	12.64	3,103	249,399	12.44	3,045	250,990	12.13	-1.5080%	-2.0295%
Cleveland	1,160	59,479	19.50	1,166	59,610	19.56	1,115	59,671	18.69	-1.9283%	-2.0877%
McDowell	485	27,532	17.62	532	27,453	19.38	542	27,414	19.77	5.7852%	6.0155%
Polk	105	11,474	9.15	107	11,552	9.26	85	11,549	7.36	-9.3280%	-9.6617%
Rutherford	623	40,331	15.45	569	40,083	14.20	607	39,887	15.22	-0.9947%	-0.4500%
Region C Totals	2,373	138,816	17.09	2,374	138,698	17.12	2,349	138,521	16.96	-0.5055%	-0.3997%
Alleghany	39	6,402	6.09	39	6,418	6.08	39	6,415	6.08	0.0000%	-0.1013%
Ashe	126	16,093	7.83	120	15,984	7.51	163	15,945	10.22	15.5357%	16.0266%
Avery	29	11,517	2.52	81	11,465	7.06	129	11,442	11.27	119.2848%	120.0783%
Mitchell	124	9,077	13.66	166	9,364	17.73	174	9,343	18.62	19.3451%	17.4114%
Watauga	121	38,340	3.16	153	38,315	3.99	132	38,392	3.44	6.3604%	6.3151%
Wilkes	521	41,754	12.48	528	41,652	12.68	538	41,576	12.94	1.6188%	1.8360%
Yancey	128	10,486	12.21	167	10,419	16.03	196	10,352	18.93	23.9170%	24.7163%
Region D Totals	1,088	133,669	8.14	1,254	133,617	9.39	1,371	133,465	10.27	12.2937%	12.3784%
Alexander	336	22,988	14.62	331	23,123	14.31	366	23,291	15.71	4.5430%	3.8566%
Burke	776	54,780	14.17	866	54,289	15.95	808	54,115	14.93	2.4502%	3.1049%
Caldwell	608	50,791	11.97	707	50,576	13.98	726	50,440	14.39	9.4852%	9.8708%
Catawba	1,402	95,444	14.69	1,697	95,415	17.79	1,597	95,264	16.76	7.5743%	7.6673%
Region E Totals	3,122	224,003	13.94	3,601	223,403	16.12	3,497	223,110	15.67	6.2273%	6.4460%
Anson	244	16,711	14.60	219	16,745	13.08	272	16,693	16.29	6.9775%	7.0798%
Cabarrus	1,418	115,147	12.31	1,608	117,909	13.64	1,584	121,063	13.08	5.9533%	3.3419%
Gaston	2,330	130,482	17.86	2,475	130,676	18.94	2,329	131,051	17.77	0.1621%	-0.0514%
Iredell	1,196	102,342	11.69	1,267	103,808	12.21	1,198	105,151	11.39	0.2453%	-1.1066%
Lincoln	821	49,988	16.42	815	50,196	16.24	786	50,449	15.58	-2.1445%	-2.5920%
Mecklenburg *	6,025	651,761	9.24	6,227	664,255	9.37	6,088	674,565	9.03	0.5602%	-1.1589%
Rowan	1,260	85,290	14.77	1,229	85,081	14.45	1,244	84,955	14.64	-0.6199%	-0.4250%
Stanly	563	37,171	15.15	547	37,256	14.68	578	37,245	15.52	1.4127%	1.3174%
Union	1,124	128,817	8.73	1,097	132,115	8.30	1,023	135,466	7.55	-4.5739%	-6.9455%
Region F Totals	14,981	1,317,709	11.37	15,484	1,338,041	11.57	15,102	1,356,638	11.13	0.4453%	-1.0085%
Alamance	1,167	94,608	12.34	1,078	95,686	11.27	1,074	96,675	11.11	-3.9987%	-5.0287%
Caswell	263	14,986	17.55	258	14,901	17.31	223	14,818	15.05	-7.7335%	-7.2117%
Davidson	1,184	100,478	11.78	1,214	100,576	12.07	1,192	100,680	11.84	0.3608%	0.2601%
Guilford	3,571	324,536	11.00	3,389	326,500	10.38	3,537	328,072	10.78	-0.3648%	-0.9003%
Montgomery	229	16,401	13.96	213	16,346	13.03	300	16,253	18.46	16.9291%	17.4885%
Randolph	1,123	86,917	12.92	1,168	87,090	13.41	1,278	87,323	14.64	6.7125%	6.4632%
Rockingham	868	56,392	15.39	860	56,363	15.26	857	56,177	15.26	-0.6352%	-0.4448%
Region G Totals	8,405	694,318	12.11	8,180	697,462	11.73	8,461	699,998	12.09	0.3791%	-0.0276%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 18-64											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Davie	277	24,877	11.13	306	24,921	12.28	352	24,865	14.16	12.7510%	12.7830%
Forsyth	2,665	223,678	11.91	2,690	225,616	11.92	2,567	227,021	11.31	-1.8172%	-2.5460%
Stokes	374	28,875	12.95	356	28,885	12.32	341	28,964	11.77	-4.5132%	-4.6603%
Surry	558	43,878	12.72	441	44,038	10.01	566	44,086	12.84	3.6885%	3.4750%
Yadkin	359	22,982	15.62	366	22,769	16.07	331	22,629	14.63	-3.8065%	-3.0499%
Region I Totals	4,233	344,290	12.29	4,159	346,229	12.01	4,157	347,565	11.96	-0.8981%	-1.3654%
Chatham	295	39,399	7.49	243	39,656	6.13	246	39,974	6.15	-8.1963%	-8.8659%
Durham	1,514	190,002	7.97	1,317	192,780	6.83	1,401	194,973	7.19	-3.3169%	-4.5419%
Johnston	1,101	109,427	10.06	1,024	110,802	9.24	1,044	112,776	9.26	-2.5203%	-3.9896%
Lee	456	35,547	12.83	306	35,238	8.68	407	35,139	11.58	0.0559%	0.5375%
Moore *	559	48,991	11.41	508	49,015	10.36	507	49,445	10.25	-4.6601%	-5.1164%
Orange	600	96,195	6.24	453	96,134	4.71	558	96,920	5.76	-0.6606%	-1.1361%
Wake *	4,689	627,400	7.47	4,067	638,961	6.37	4,351	651,144	6.68	-3.1410%	-4.9265%
Region J Totals	9,214	1,146,961	8.03	7,918	1,162,586	6.81	8,514	1,180,371	7.21	-3.2692%	-4.6567%
Franklin	528	39,043	13.52	482	39,246	12.28	509	39,530	12.88	-1.5552%	-2.1707%
Granville	249	37,557	6.63	279	37,579	7.42	272	37,499	7.25	4.7696%	4.8408%
Person	298	24,072	12.38	265	23,994	11.04	285	23,906	11.92	-1.7633%	-1.4208%
Vance	349	27,032	12.91	317	26,891	11.79	335	26,736	12.53	-1.7454%	-1.2009%
Warren	154	12,231	12.59	172	12,189	14.11	171	12,112	14.12	5.5535%	6.0619%
Region K Totals	1,578	139,935	11.28	1,515	139,899	10.83	1,572	139,783	11.25	-0.1150%	-0.0596%
Edgecombe	447	33,580	13.31	439	33,207	13.22	518	33,041	15.68	8.1029%	8.9509%
Halifax	369	32,480	11.36	381	31,942	11.93	330	31,535	10.46	-5.0669%	-3.6384%
Nash	629	58,376	10.77	721	57,917	12.45	620	57,545	10.77	0.3090%	1.0412%
Northampton	123	12,527	9.82	124	12,479	9.94	116	12,423	9.34	-2.8193%	-2.4146%
Wilson	745	49,308	15.11	753	49,171	15.31	837	49,196	17.01	6.1146%	6.2272%
Region L Totals	2,313	186,271	12.42	2,418	184,716	13.09	2,421	183,740	13.18	2.3318%	3.0378%
Cumberland *	1,813	179,972	10.07	1,587	177,072	8.96	1,629	178,149	9.14	-4.9095%	-4.5030%
Harnett *	982	71,405	13.75	727	72,347	10.05	775	73,196	10.59	-9.6825%	-10.7827%
Sampson	527	38,286	13.76	454	38,117	11.91	470	38,045	12.35	-5.1639%	-4.8749%
Region M Totals	3,322	289,663	11.47	2,768	287,536	9.63	2,874	289,390	9.93	-6.4236%	-6.4480%
Bladen	431	21,314	20.22	356	21,153	16.83	375	21,066	17.80	-6.0322%	-5.5003%
Hoke *	353	28,039	12.59	226	27,875	8.11	229	27,916	8.20	-17.3250%	-17.2110%
Richmond	360	27,922	12.89	340	27,486	12.37	373	27,426	13.60	2.0752%	2.9442%
Robeson	1,749	82,646	21.16	1,401	81,940	17.10	1,693	81,587	20.75	0.4726%	1.0791%
Scotland	451	21,971	20.53	317	21,718	14.60	293	21,471	13.65	-18.6414%	-17.7003%
Region N Totals	3,344	181,892	18.38	2,640	180,172	14.65	2,963	179,466	16.51	-4.4089%	-3.8113%
Brunswick	946	65,317	14.48	884	65,475	13.50	966	66,870	14.45	1.3611%	0.1085%
Columbus	861	34,927	24.65	811	35,037	23.15	873	34,863	25.04	0.9188%	1.0396%
New Hanover *	1,453	139,142	10.44	1,513	140,540	10.77	1,559	142,117	10.97	3.5849%	2.4953%
Pender *	464	34,377	13.50	479	34,834	13.75	433	34,979	12.38	-3.1853%	-4.0498%
Region O Totals	3,724	273,763	13.60	3,687	275,886	13.36	3,831	278,829	13.74	1.4560%	0.5267%
Carteret *	337	40,988	8.22	342	40,686	8.41	325	40,485	8.03	-1.7435%	-1.1310%
Craven *	598	55,731	10.73	622	55,217	11.26	586	55,233	10.61	-0.8872%	-0.4167%
Duplin	458	35,721	12.82	473	35,582	13.29	452	35,699	12.66	-0.5823%	-0.5372%
Greene	118	13,370	8.83	111	13,506	8.22	143	13,491	10.60	11.4483%	11.0463%
Jones	82	6,393	12.83	73	6,343	11.51	83	6,339	13.09	1.3615%	1.7483%
Lenoir	538	35,276	15.25	544	34,967	15.56	625	34,823	17.95	8.0025%	8.6868%
Onslow *	1,010	94,157	10.73	910	92,885	9.80	936	91,937	10.18	-3.5219%	-2.3747%
Pamlico	52	7,624	6.82	54	7,575	7.13	40	7,513	5.32	-11.0399%	-10.3984%
Wayne *	849	73,087	11.62	874	73,118	11.95	990	73,295	13.51	8.1085%	7.9499%
Region P Totals	4,042	362,347	11.16	4,003	359,879	11.12	4,180	358,815	11.65	1.7284%	2.2228%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 18-64											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Beaufort	324	27,566	11.75	337	27,258	12.36	359	27,013	13.29	5.2703%	6.3410%
Bertie	163	12,780	12.75	159	12,809	12.41	152	12,622	12.04	-3.4283%	-2.8305%
Hertford	171	15,454	11.07	174	15,415	11.29	107	15,284	7.00	-18.3757%	-17.9834%
Martin	208	14,096	14.76	208	13,960	14.90	226	13,805	16.37	4.3269%	5.4240%
Pitt	994	116,193	8.55	1,043	116,012	8.99	1,091	116,109	9.40	4.7658%	4.8040%
Region Q Totals	1,860	186,089	10.00	1,921	185,454	10.36	1,935	184,833	10.47	2.0042%	2.3502%
Camden	45	6,304	7.14	54	6,444	8.38	75	6,513	11.52	29.4444%	27.4052%
Chowan	102	8,462	12.05	93	8,305	11.20	86	8,294	10.37	-8.1752%	-7.2521%
Currituck	171	15,369	11.13	178	15,956	11.16	196	16,342	11.99	7.1030%	3.8878%
Dare	217	22,132	9.80	201	22,044	9.12	194	21,925	8.85	-5.4279%	-4.9811%
Gates	94	7,237	12.99	104	7,400	14.05	98	7,385	13.27	2.4345%	1.3117%
Hyde	21	3,821	5.50	26	3,763	6.91	21	3,735	5.62	2.2894%	3.5463%
Pasquotank *	260	23,832	10.91	298	23,899	12.47	306	24,047	12.73	8.6500%	8.1733%
Perquimans	92	7,741	11.88	111	7,554	14.69	98	7,459	13.14	4.4702%	6.5258%
Tyrrell	29	2,637	11.00	19	2,602	7.30	20	2,585	7.74	-14.6098%	-13.8230%
Washington	97	7,398	13.11	84	7,251	11.58	92	7,171	12.83	-1.9391%	-0.4504%
Region R Totals	1,128	104,933	10.75	1,168	105,218	11.10	1,186	105,456	11.25	2.5436%	2.2888%
Grand Totals	68,764	6,087,684	11.30	67,078	6,122,634	10.96	68,557	6,165,444	11.12	-0.1235%	-0.7567%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 65-74											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Cherokee	193	4,228	45.65	176	4,390	40.09	210	4,493	46.74	5.2549%	2.2047%
Clay	87	1,704	51.06	82	1,775	46.20	86	1,813	47.44	-0.4345%	-3.4187%
Graham	28	1,125	24.89	39	1,138	34.27	23	1,161	19.81	-0.8700%	-2.2497%
Haywood	365	7,714	47.32	320	7,936	40.32	410	8,114	50.53	7.8981%	5.2665%
Jackson	119	4,315	27.58	145	4,463	32.49	168	4,596	36.55	18.8554%	15.1586%
Macon	165	4,961	33.26	172	5,078	33.87	184	5,195	35.42	5.6096%	3.2040%
Swain	27	1,571	17.19	39	1,654	23.58	59	1,672	35.29	47.8632%	43.4247%
Region A Totals	984	25,618	38.41	973	26,434	36.81	1,140	27,044	42.15	8.0228%	5.1752%
Buncombe	1,428	24,442	58.42	1,513	25,735	58.79	1,595	27,077	58.91	5.6860%	0.4119%
Henderson	714	14,238	50.15	815	14,860	54.85	786	15,297	51.38	5.2937%	1.5272%
Madison	181	2,468	73.34	178	2,605	68.33	164	2,700	60.74	-4.7613%	-8.9682%
Transylvania	227	5,075	44.73	248	5,130	48.34	237	5,204	45.54	2.4078%	1.1427%
Region B Totals	2,550	46,223	55.17	2,754	48,330	56.98	2,782	50,278	55.33	4.5084%	0.1972%
Cleveland	791	9,565	82.70	851	9,948	85.54	908	10,273	88.39	7.1417%	3.3829%
McDowell	334	4,746	70.38	374	4,903	76.28	395	5,035	78.45	8.7955%	5.6183%
Polk	111	2,848	38.97	125	2,976	42.00	139	3,090	44.98	11.9063%	7.4333%
Rutherford	472	7,549	62.52	428	7,732	55.35	493	7,853	62.78	2.9324%	0.9720%
Region C Totals	1,708	24,708	69.13	1,778	25,559	69.56	1,935	26,251	73.71	6.4643%	3.2968%
Alleghany	63	1,443	43.66	49	1,488	32.93	54	1,528	35.34	-6.0091%	-8.6276%
Ashe	143	3,522	40.60	150	3,595	41.72	188	3,650	51.51	15.1142%	13.1049%
Avery	19	1,947	9.76	60	2,001	29.99	153	2,048	74.71	185.3947%	178.2077%
Mitchell	128	1,960	65.31	153	2,013	76.01	143	2,003	71.39	6.4977%	5.1574%
Watauga	156	4,383	35.59	121	4,553	26.58	163	4,722	34.52	6.1374%	2.2787%
Wilkes	423	7,595	55.69	367	7,822	46.92	428	8,028	53.31	1.6912%	-1.0640%
Yancey	147	2,267	64.84	179	2,341	76.46	172	2,388	72.03	8.9290%	6.0589%
Region D Totals	1,079	23,117	46.68	1,079	23,813	45.31	1,301	24,367	53.39	10.2873%	7.4552%
Alexander	233	3,967	58.73	247	4,113	60.05	253	4,263	59.35	4.2189%	0.5353%
Burke	569	9,096	62.55	666	9,454	70.45	605	9,758	62.00	3.9441%	0.3130%
Caldwell	528	8,375	63.04	609	8,653	70.38	635	8,884	71.48	9.8051%	6.5967%
Catawba	1,085	14,473	74.97	1,307	15,029	86.97	1,196	15,521	77.06	5.9840%	2.3055%
Region E Totals	2,415	35,911	67.25	2,829	37,249	75.95	2,689	38,426	69.98	6.0971%	2.5374%
Anson	168	2,322	72.35	156	2,443	63.86	172	2,539	67.74	1.5568%	-2.8272%
Cabarrus	1,103	13,439	82.07	1,273	14,201	89.64	1,250	14,994	83.37	6.8029%	1.1099%
Gaston	1,660	17,898	92.75	1,703	18,708	91.03	1,792	19,435	92.20	3.9082%	-0.2808%
Iredell	950	13,925	68.22	1,030	14,584	70.63	1,094	15,229	71.84	7.3173%	2.6185%
Lincoln	668	7,707	86.67	677	8,029	84.32	695	8,319	83.54	2.0030%	-1.8185%
Mecklenburg *	3,800	57,870	65.66	4,172	61,785	67.52	4,314	65,768	65.59	6.5966%	-0.0130%
Rowan	920	12,353	74.48	953	12,782	74.56	955	13,173	72.50	1.8984%	-1.3271%
Stanly	467	5,942	78.59	469	6,217	75.44	497	6,411	77.52	3.1992%	-0.6253%
Union	923	14,887	62.00	876	15,688	55.84	946	16,503	57.32	1.4494%	-3.6401%
Region F Totals	10,659	146,343	72.84	11,309	154,437	73.23	11,715	162,371	72.15	4.8441%	-0.4671%
Alamance	888	13,081	67.88	847	13,736	61.66	879	14,343	61.28	-0.4195%	-4.8897%
Caswell	173	2,532	68.33	154	2,600	59.23	186	2,706	68.74	4.8983%	1.3686%
Davidson	1,000	15,534	64.37	964	16,140	59.73	981	16,581	59.16	-0.9183%	-4.0813%
Guilford	2,557	38,508	66.40	2,628	40,621	64.70	2,610	42,601	61.27	1.0459%	-3.9352%
Montgomery	205	2,938	69.78	173	3,073	56.30	267	3,184	83.86	19.3628%	14.8189%
Randolph	948	13,189	71.88	967	13,639	70.90	1,050	14,026	74.86	5.2937%	2.1130%
Rockingham	720	9,350	77.01	652	9,601	67.91	636	9,847	64.59	-5.9492%	-8.3514%
Region G Totals	6,491	95,132	68.23	6,385	99,410	64.23	6,609	103,288	63.99	0.9376%	-3.1221%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 65-74											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Davie	266	4,313	61.67	257	4,403	58.37	294	4,541	64.74	5.5067%	2.7810%
Forsyth	2,128	28,452	74.79	2,119	29,786	71.14	2,194	31,130	70.48	1.5582%	-2.9067%
Stokes	335	4,944	67.76	300	5,092	58.92	311	5,158	60.29	-3.3905%	-5.3552%
Surry	516	7,373	69.99	448	7,633	58.69	524	7,825	66.96	1.8930%	-1.0207%
Yadkin	268	3,847	69.66	272	3,906	69.64	274	3,971	69.00	1.1139%	-0.4771%
Region I Totals	3,513	48,929	71.80	3,396	50,820	66.82	3,597	52,625	68.35	1.2941%	-2.3209%
Chatham	276	8,150	33.87	249	8,694	28.64	310	9,170	33.81	7.3577%	1.3039%
Durham	1,132	17,847	63.43	1,006	19,144	52.55	1,193	20,451	58.33	3.7289%	-3.0710%
Johnston	864	13,023	66.34	755	13,758	54.88	822	14,450	56.89	-1.8708%	-6.8119%
Lee	405	5,024	80.61	248	5,146	48.19	403	5,261	76.60	11.8673%	9.3654%
Moore *	563	11,739	47.96	424	12,189	34.79	553	12,571	43.99	2.8677%	-0.5041%
Orange	473	9,637	49.08	405	10,257	39.49	469	10,948	42.84	0.7131%	-5.5293%
Wake *	3,387	57,344	59.06	3,407	61,429	55.46	3,998	65,264	61.26	8.9686%	2.1762%
Region J Totals	7,100	122,764	57.83	6,494	130,617	49.72	7,748	138,115	56.10	5.3875%	-0.6006%
Franklin	373	5,416	68.87	377	5,747	65.60	444	6,056	73.32	9.4221%	3.5069%
Granville	197	4,935	39.92	235	5,169	45.46	266	5,464	48.68	16.2404%	10.4847%
Person	210	3,801	55.25	208	3,971	52.38	238	4,130	57.63	6.7353%	2.4126%
Vance	249	4,084	60.97	224	4,265	52.52	235	4,419	53.18	-2.5647%	-6.3016%
Warren	124	2,415	51.35	134	2,463	54.41	148	2,536	58.36	9.2561%	6.6135%
Region K Totals	1,153	20,651	55.83	1,178	21,615	54.50	1,331	22,605	58.88	7.5782%	2.8257%
Edgecombe	291	5,171	56.28	331	5,399	61.31	334	5,612	59.52	7.3260%	3.0094%
Halifax	263	5,253	50.07	315	5,401	58.32	322	5,606	57.44	10.9970%	7.4870%
Nash	500	8,740	57.21	543	9,235	58.80	539	9,653	55.84	3.9317%	-1.1280%
Northampton	124	2,530	49.01	122	2,589	47.12	123	2,555	48.14	-0.3966%	-0.8469%
Wilson	492	7,284	67.55	435	7,499	58.01	608	7,805	77.90	14.0924%	10.0850%
Region L Totals	1,670	28,978	57.63	1,746	30,123	57.96	1,926	31,231	61.67	7.4301%	3.4863%
Cumberland *	1,066	20,894	51.02	1,053	21,715	48.49	1,143	22,608	50.56	3.6637%	-0.3474%
Harnett *	764	8,600	88.84	505	8,960	56.36	561	9,324	60.17	-11.4057%	-14.9020%
Sampson	433	5,709	75.85	392	5,898	66.46	395	6,052	65.27	-4.3518%	-7.0843%
Region M Totals	2,263	35,203	64.28	1,950	36,573	53.32	2,099	37,984	55.26	-3.0951%	-6.7083%
Bladen	294	3,696	79.55	283	3,782	74.83	323	3,940	81.98	5.1964%	1.8135%
Hoke *	185	2,599	71.18	156	2,714	57.48	178	2,860	62.24	-0.7866%	-5.4855%
Richmond	260	4,229	61.48	260	4,399	59.10	307	4,547	67.52	9.0385%	5.1846%
Robeson	885	10,430	84.85	812	10,907	74.45	923	11,325	81.50	2.7107%	-1.3934%
Scotland	253	3,281	77.11	222	3,453	64.29	202	3,586	56.33	-10.6310%	-14.5038%
Region N Totals	1,877	24,235	77.45	1,733	25,255	68.62	1,933	26,258	73.62	1.9344%	-2.0604%
Brunswick	1,049	20,070	52.27	1,142	21,220	53.82	1,253	22,399	55.94	9.2927%	3.4551%
Columbus	574	5,796	99.03	552	5,910	93.40	581	6,069	95.73	0.7104%	-1.5958%
New Hanover *	1,190	19,115	62.25	1,255	20,040	62.62	1,376	20,955	65.66	7.5518%	2.7241%
Pender *	390	5,649	69.04	412	5,827	70.71	422	6,120	68.95	4.0341%	-0.0313%
Region O Totals	3,203	50,630	63.26	3,361	52,997	63.42	3,632	55,543	65.39	6.4980%	1.6780%
Carteret *	435	8,912	48.81	391	9,244	42.30	381	9,584	39.75	-6.3362%	-9.6788%
Craven *	514	9,367	54.87	528	9,460	55.81	504	9,653	52.21	-0.9109%	-2.3700%
Duplin	356	5,474	65.03	378	5,610	67.38	369	5,769	63.96	1.8994%	-0.7329%
Greene	87	1,676	51.91	84	1,735	48.41	113	1,825	61.92	15.5378%	10.5791%
Jones	59	1,132	52.12	54	1,157	46.67	69	1,176	58.67	9.6516%	7.6306%
Lenoir	427	5,732	74.49	457	5,901	77.44	524	6,067	86.37	10.8433%	7.7421%
Onslow *	703	9,654	72.82	672	9,800	68.57	752	10,090	74.53	3.7475%	1.4273%
Pamlico	79	1,884	41.93	70	1,960	35.71	65	2,011	32.32	-9.2676%	-12.1630%
Wayne *	649	10,031	64.70	661	10,324	64.03	786	10,658	73.75	10.3799%	7.0714%
Region P Totals	3,309	53,862	61.43	3,295	55,191	59.70	3,563	56,833	62.69	3.8552%	1.0942%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 65-74											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Beaufort	267	6,038	44.22	312	6,290	49.60	344	6,522	52.74	13.5552%	9.2534%
Bertie	104	1,943	53.53	91	1,998	45.55	112	2,050	54.63	5.2885%	2.5232%
Hertford	127	2,287	55.53	118	2,371	49.77	112	2,415	46.38	-6.0857%	-8.5962%
Martin	184	2,690	68.40	197	2,777	70.94	192	2,868	66.95	2.2636%	-0.9597%
Pitt	733	11,278	64.99	803	11,797	68.07	885	12,408	71.32	9.8808%	4.7574%
Region Q Totals	1,415	24,236	58.38	1,521	25,233	60.28	1,645	26,263	62.64	7.8218%	3.5775%
Camden	41	898	45.66	40	925	43.24	40	961	41.62	-1.2195%	-4.5164%
Chowan	60	1,741	34.46	83	1,786	46.47	82	1,835	44.69	18.5643%	15.5025%
Currituck	127	2,246	56.54	148	2,374	62.34	127	2,480	51.21	1.1731%	-3.8024%
Dare	184	3,894	47.25	188	4,077	46.11	162	4,251	38.11	-5.8279%	-9.8846%
Gates	77	1,178	65.37	69	1,223	56.42	81	1,237	65.48	3.5008%	1.1880%
Hyde	20	533	37.52	13	554	23.47	18	584	30.82	1.7308%	-3.0576%
Pasquotank *	166	3,211	51.70	193	3,318	58.17	208	3,456	60.19	12.0185%	7.9922%
Perquimans	85	1,948	43.63	81	1,987	40.76	90	2,000	45.00	3.2026%	1.9063%
Tyrrell	24	408	58.82	25	416	60.10	22	408	53.92	-3.9167%	-4.0555%
Washington	72	1,436	50.14	82	1,476	55.56	90	1,545	58.25	11.8225%	7.8284%
Region R Totals	856	17,493	48.93	922	18,136	50.84	920	18,757	49.05	3.7467%	0.1855%
Grand Totals	52,245	824,033	63.40	52,703	861,792	61.16	56,565	898,239	62.97	4.1022%	-0.2852%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 75 and Over											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Cherokee	276	2,833	97.42	301	2,941	102.35	363	3,057	118.74	14.8280%	10.5375%
Clay	163	1,169	139.44	136	1,203	113.05	154	1,258	122.42	-1.6646%	-5.3190%
Graham	35	822	42.58	56	845	66.27	62	878	70.62	35.3571%	31.0990%
Haywood	781	6,089	128.26	588	6,263	93.88	676	6,434	105.07	-4.8730%	-7.4466%
Jackson	189	2,722	69.43	253	2,866	88.28	274	2,986	91.76	21.0814%	15.5423%
Macon	406	3,963	102.45	364	4,111	88.54	393	4,244	92.60	-1.1889%	-4.4945%
Swain	42	1,039	40.42	57	1,069	53.32	53	1,089	48.67	14.3484%	11.5902%
Region A Totals	1,892	18,637	101.52	1,755	19,298	90.94	1,975	19,946	99.02	2.6473%	-0.7693%
Buncombe	3,014	19,024	158.43	3,124	19,401	161.02	2,864	19,774	144.84	-2.3365%	-4.2082%
Henderson	1,588	12,203	130.13	1,783	12,590	141.62	1,764	12,950	136.22	5.6070%	2.5062%
Madison	346	1,725	200.58	334	1,762	189.56	285	1,806	157.81	-9.0694%	-11.1224%
Transylvania	505	4,365	115.69	557	4,574	121.78	618	4,727	130.74	10.6243%	6.3088%
Region B Totals	5,453	37,317	146.13	5,798	38,327	151.28	5,531	39,257	140.89	0.8609%	-1.6700%
Cleveland	1,409	6,544	215.31	1,543	6,641	232.34	1,461	6,795	215.01	2.0980%	0.2253%
McDowell	527	3,448	152.84	613	3,521	174.10	586	3,600	162.78	5.9571%	3.7024%
Polk	292	2,591	112.70	260	2,630	98.86	287	2,662	107.81	-0.2871%	-1.6108%
Rutherford	785	5,336	147.11	649	5,424	119.65	681	5,515	123.48	-6.1971%	-7.7335%
Region C Totals	3,013	17,919	168.15	3,065	18,216	168.26	3,015	18,572	162.34	0.0473%	-1.7248%
Alleghany	93	1,120	83.04	71	1,161	61.15	74	1,187	62.34	-9.7153%	-12.2048%
Ashe	341	2,600	131.15	327	2,704	120.93	397	2,779	142.86	8.6506%	5.1682%
Avery	33	1,505	21.93	166	1,556	106.68	284	1,592	178.39	237.0573%	226.8792%
Mitchell	293	1,501	195.20	335	1,548	216.41	281	1,590	176.73	-0.8925%	-3.7360%
Watauga	369	2,996	123.16	311	3,130	99.36	399	3,268	122.09	6.2888%	1.7759%
Wilkes	912	5,521	165.19	752	5,699	131.95	790	5,808	136.02	-6.2453%	-8.5188%
Yancey	320	1,733	184.65	360	1,773	203.05	333	1,816	183.37	2.5000%	0.1358%
Region D Totals	2,361	16,976	139.08	2,322	17,571	132.15	2,558	18,040	141.80	4.2559%	1.1587%
Alexander	420	2,505	167.66	412	2,638	156.18	403	2,782	144.86	-2.0446%	-7.0490%
Burke	1,029	6,693	153.74	1,177	6,818	172.63	1,013	6,916	146.47	0.2246%	-1.4337%
Caldwell	838	5,748	145.79	887	5,835	152.01	909	5,934	153.19	4.1638%	2.5198%
Catawba	1,975	9,749	202.58	2,277	9,893	230.16	2,173	10,068	215.83	5.3619%	3.6934%
Region E Totals	4,262	24,695	172.59	4,753	25,184	188.73	4,498	25,700	175.02	3.0777%	1.0450%
Anson	307	1,768	173.64	306	1,793	170.66	289	1,807	159.93	-2.9406%	-4.0014%
Cabarrus	1,974	9,249	213.43	2,104	9,421	223.33	2,009	9,727	206.54	1.0352%	-1.4397%
Gaston	2,970	12,435	238.84	2,822	12,497	225.81	2,878	12,643	227.64	-1.4994%	-2.3239%
Iredell	1,814	9,292	195.22	1,937	9,506	203.77	1,796	9,794	183.38	-0.2494%	-2.8145%
Lincoln	1,048	4,424	236.89	1,011	4,567	221.37	1,010	4,775	211.52	-1.8147%	-5.5009%
Mecklenburg *	6,644	38,694	171.71	6,954	39,554	175.81	7,018	40,934	171.45	2.7931%	-0.0459%
Rowan	1,506	9,190	163.87	1,521	9,205	165.24	1,578	9,258	170.45	2.3718%	1.9925%
Stanly	785	4,355	180.25	762	4,421	172.36	804	4,460	180.27	1.2909%	0.1051%
Union	1,571	8,234	190.79	1,503	8,699	172.78	1,404	9,228	152.15	-5.4576%	-10.6922%
Region F Totals	18,619	97,641	190.69	18,920	99,663	189.84	18,786	102,626	183.05	0.4542%	-2.0100%
Alamance	1,833	10,860	168.78	1,745	11,060	157.78	1,917	11,186	171.37	2.5279%	1.0485%
Caswell	337	1,668	202.04	282	1,678	168.06	279	1,731	161.18	-8.6922%	-10.4561%
Davidson	1,670	10,525	158.67	1,628	10,732	151.70	1,646	10,998	149.66	-0.7047%	-2.8675%
Guilford	4,983	29,531	168.74	5,043	29,713	169.72	5,201	30,281	171.76	2.1686%	0.8914%
Montgomery	336	1,999	168.08	358	2,049	174.72	460	2,099	219.15	17.5196%	14.6892%
Randolph	1,639	9,024	181.63	1,723	9,190	187.49	1,924	9,404	204.59	8.3954%	6.1754%
Rockingham	1,280	7,023	182.26	1,115	7,150	155.94	1,059	7,240	146.27	-8.9565%	-10.3205%
Region G Totals	12,078	70,630	171.00	11,894	71,572	166.18	12,486	72,939	171.18	1.7269%	0.0952%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 75 and Over											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Davie	600	3,244	184.96	603	3,291	183.23	645	3,372	191.28	3.7326%	1.7302%
Forsyth	4,448	22,208	200.29	4,486	22,452	199.80	4,565	22,786	200.34	1.3077%	0.0138%
Stokes	590	3,398	173.63	644	3,489	184.58	612	3,565	171.67	2.0918%	-0.3446%
Surry	1,054	5,761	182.95	920	5,877	156.54	1,105	5,920	186.66	3.6976%	2.4000%
Yadkin	406	2,869	141.51	430	2,910	147.77	462	2,967	155.71	6.6766%	4.8984%
Region I Totals	7,098	37,480	189.38	7,083	38,019	186.30	7,389	38,610	191.38	2.0544%	0.5487%
Chatham	594	6,194	95.90	517	6,496	79.59	680	6,809	99.87	9.2825%	4.2363%
Durham	2,164	12,856	168.33	1,882	13,034	144.39	2,289	13,339	171.60	4.2973%	2.3129%
Johnston	1,564	7,556	206.99	1,381	7,879	175.28	1,384	8,240	167.96	-5.7418%	-9.7470%
Lee	644	3,805	169.25	369	3,844	95.99	625	3,880	161.08	13.3374%	12.2610%
Moore *	1,107	10,682	103.63	947	10,937	86.59	1,131	11,157	101.37	2.4882%	0.3134%
Orange	949	5,839	162.53	896	6,025	148.71	984	6,287	156.51	2.1183%	-1.6274%
Wake *	6,832	36,218	188.64	6,759	37,288	181.26	7,588	39,193	193.61	5.5983%	1.4505%
Region J Totals	13,854	83,150	166.61	12,751	85,503	149.13	14,681	88,905	165.13	3.5872%	0.1179%
Franklin	655	3,574	183.27	630	3,672	171.57	709	3,793	186.92	4.3614%	1.2829%
Granville	347	3,282	105.73	440	3,376	130.33	497	3,458	143.72	19.8778%	16.7733%
Person	381	2,744	138.85	387	2,794	138.51	466	2,846	163.74	10.9941%	8.9852%
Vance	498	2,987	166.72	355	3,041	116.74	425	3,064	138.71	-4.4983%	-5.5805%
Warren	303	1,921	157.73	314	1,976	158.91	268	2,002	133.87	-5.5097%	-7.5061%
Region K Totals	2,184	14,508	150.54	2,126	14,859	143.08	2,365	15,163	155.97	4.2930%	2.0282%
Edgecombe	534	3,842	138.99	518	3,909	132.51	596	3,928	151.73	6.0308%	4.9212%
Halifax	615	4,198	146.50	585	4,225	138.46	590	4,237	139.25	-2.0117%	-2.4584%
Nash	910	6,069	149.94	1,038	6,200	167.42	984	6,296	156.29	4.4318%	2.5040%
Northampton	283	2,021	140.03	286	2,081	137.43	265	2,110	125.59	-3.1413%	-5.2349%
Wilson	1,018	5,395	188.69	895	5,460	163.92	1,192	5,515	216.14	10.5509%	9.3635%
Region L Totals	3,360	21,525	156.10	3,322	21,875	151.86	3,627	22,086	164.22	4.0251%	2.7126%
Cumberland *	1,783	14,160	125.92	1,881	14,534	129.42	2,171	14,901	145.69	10.4568%	7.6782%
Harnett *	1,348	5,481	245.94	992	5,676	174.77	1,048	5,899	177.66	-10.3822%	-13.6431%
Sampson	753	4,254	177.01	720	4,368	164.84	680	4,426	153.64	-4.9690%	-6.8356%
Region M Totals	3,884	23,895	162.54	3,593	24,578	146.19	3,899	25,226	154.56	0.5121%	-2.1670%
Bladen	454	2,486	182.62	389	2,565	151.66	417	2,624	158.92	-3.5596%	-6.0843%
Hoke *	293	1,540	190.26	244	1,588	153.65	278	1,632	170.34	-1.3946%	-4.1890%
Richmond	445	2,937	151.52	378	2,945	128.35	399	2,958	134.89	-4.7503%	-5.0976%
Robeson	1,375	6,632	207.33	1,222	6,748	181.09	1,354	6,843	197.87	-0.1627%	-1.6956%
Scotland	342	2,199	155.53	252	2,231	112.95	235	2,234	105.19	-16.5309%	-17.1220%
Region N Totals	2,909	15,794	184.18	2,485	16,077	154.57	2,683	16,291	164.69	-3.3038%	-4.7648%
Brunswick	1,373	9,470	144.98	1,440	10,141	142.00	1,639	10,900	150.37	9.3496%	1.9170%
Columbus	884	3,957	223.40	848	4,006	211.68	863	4,072	211.94	-1.1518%	-2.5632%
New Hanover *	2,356	13,617	173.02	2,424	13,983	173.35	2,646	14,348	184.42	6.0223%	3.2874%
Pender *	618	3,589	172.19	662	3,902	169.66	632	3,843	164.45	1.2940%	-2.2695%
Region O Totals	5,231	30,633	170.76	5,374	32,032	167.77	5,780	33,163	174.29	5.1443%	1.0668%
Carteret *	808	5,781	139.77	748	6,000	124.67	851	6,177	137.77	3.1722%	-0.1473%
Craven *	995	7,609	130.77	908	7,725	117.54	1,015	7,822	129.76	1.5202%	0.1419%
Duplin	586	4,034	145.27	704	4,136	170.21	758	4,225	179.41	13.9035%	11.2881%
Greene	174	1,258	138.31	164	1,282	127.93	187	1,298	144.07	4.1386%	2.5536%
Jones	133	848	156.84	122	846	144.21	111	860	129.07	-8.6435%	-9.2757%
Lenoir	843	4,513	186.79	890	4,549	195.65	912	4,582	199.04	4.0236%	3.2369%
Onslow *	1,212	6,392	189.61	1,123	6,559	171.22	1,238	6,823	181.45	1.4486%	-1.8637%
Pamlico	100	1,370	72.99	96	1,434	66.95	108	1,499	72.05	4.2500%	-0.3314%
Wayne *	1,217	7,666	158.75	1,205	7,933	151.90	1,535	8,027	191.23	13.1999%	10.7878%
Region P Totals	6,068	39,471	153.73	5,960	40,464	147.29	6,715	41,313	162.54	5.4440%	3.0811%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12B: Average Annual Rates of Change in Patients and Use Rates per 1,000 Population

Ages 75 and Over											
County	Home Health Patients in 2013	Estimated 2013 Population	Use Rate for 2013	Home Health Patients in 2014	Estimated 2014 Population	Use Rate for 2014	Home Health Patients in 2015	Estimated 2015 Population	Use Rate for 2015	Average Annual Rate of Change in Number of Patients	Average Annual Rate of Change in Use Rates per 1000
Beaufort	444	3,956	112.23	453	4,079	111.06	522	4,168	125.24	8.6294%	5.8608%
Bertie	259	1,773	146.08	235	1,788	131.43	244	1,758	138.79	-2.7183%	-2.2130%
Hertford	253	1,873	135.08	252	1,890	133.33	165	1,928	85.58	-17.4595%	-18.5527%
Martin	379	1,958	193.56	367	2,001	183.41	368	2,008	183.27	-1.4469%	-2.6621%
Pitt	1,184	7,880	150.25	1,192	8,015	148.72	1,326	8,231	161.10	5.9586%	3.6512%
Region Q Totals	2,519	17,440	144.44	2,499	17,773	140.61	2,625	18,093	145.08	2.1240%	0.2657%
Camden	68	571	119.09	61	597	102.18	69	619	111.47	1.4103%	-2.5532%
Chowan	173	1,427	121.23	162	1,436	112.81	150	1,469	102.11	-6.8829%	-8.2164%
Currituck	186	1,240	150.00	192	1,253	153.23	213	1,325	160.75	7.0817%	3.5320%
Dare	256	2,314	110.63	254	2,421	104.92	299	2,543	117.58	8.4676%	3.4514%
Gates	118	825	143.03	97	859	112.92	109	888	122.75	-2.7127%	-6.1745%
Hyde	41	419	97.85	29	422	68.72	41	427	96.02	6.0555%	4.9763%
Pasquotank *	368	2,448	150.33	333	2,450	135.92	303	2,468	122.77	-9.2599%	-9.6287%
Perquimans	133	1,377	96.59	143	1,428	100.14	124	1,482	83.67	-2.8840%	-6.3837%
Tyrrell	36	363	99.17	38	372	102.15	30	387	77.52	-7.7485%	-10.5554%
Washington	113	1,151	98.18	110	1,163	94.58	130	1,176	110.54	7.7635%	6.6080%
Region R Totals	1,492	12,135	122.95	1,419	12,401	114.43	1,468	12,784	114.83	-0.7198%	-3.2895%
Grand Totals	96,277	579,846	166.04	95,119	593,412	160.29	100,081	608,714	164.41	2.0069%	-0.4449%

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.

Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Under Age 18								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Cherokee	3	19.7060%	4.77	0.6114	19.4362%	0.9679	4,834	4.68
Clay	0	19.7060%	0.00	0.0000	19.4362%	0.0000	1,867	0.00
Graham	0	19.7060%	0.00	0.0000	19.4362%	0.0000	1,857	0.00
Haywood	70	19.7060%	111.38	6.3046	19.4362%	9.9807	10,942	109.21
Jackson	11	19.7060%	17.50	1.5108	19.4362%	2.3917	7,262	17.37
Macon	18	19.7060%	28.64	2.7506	19.4362%	4.3545	6,632	28.88
Swain	0	19.7060%	0.00	0.0000	19.4362%	0.0000	3,659	0.00
Region A Totals	102	19.7060%	162.30	2.7498	19.4362%	4.3531	37,053	160.13
Buncombe	155	7.7731%	191.14	3.1185	7.4790%	3.8181	49,982	190.84
Henderson	54	7.7731%	66.59	2.4480	7.4790%	2.9972	21,960	65.82
Madison	14	7.7731%	17.26	3.5141	7.4790%	4.3025	3,883	16.71
Transylvania	33	7.7731%	40.70	5.8366	7.4790%	7.1461	5,725	40.91
Region B Totals	256	7.7731%	315.70	3.1449	7.4790%	3.8505	81,550	314.28
Cleveland	90	-7.9503%	68.53	4.1847	-7.0598%	3.2984	20,875	68.85
McDowell	25	-7.9503%	19.04	2.6792	-7.0598%	2.1118	8,969	18.94
Polk	12	-7.9503%	9.14	3.3831	-7.0598%	2.6666	3,445	9.19
Rutherford	37	-7.9503%	28.18	2.6036	-7.0598%	2.0522	13,850	28.42
Region C Totals	164	-7.9503%	124.88	3.3748	-7.0598%	2.6600	47,139	125.40
Alleghany	0	-14.5833%	0.00	0.0000	-13.9053%	0.0000	1,967	0.00
Ashe	0	-14.5833%	0.00	0.0000	-13.9053%	0.0000	4,993	0.00
Avery	5	-14.5833%	2.81	1.7730	-13.9053%	1.0334	2,761	2.85
Mitchell	14	-14.5833%	7.88	4.8443	-13.9053%	2.8235	2,891	8.16
Watauga	0	-14.5833%	0.00	0.0000	-13.9053%	0.0000	6,908	0.00
Wilkes	1	-14.5833%	0.56	0.0685	-13.9053%	0.0400	14,089	0.56
Yancey	9	-14.5833%	5.06	2.6794	-13.9053%	1.5616	3,303	5.16
Region D Totals	29	-14.5833%	16.31	0.7687	-13.9053%	0.4480	36,912	16.74
Alexander	34	9.3394%	43.53	4.2681	10.4598%	5.6075	7,931	44.47
Burke	55	9.3394%	70.41	2.9877	10.4598%	3.9252	17,651	69.28
Caldwell	54	9.3394%	69.13	3.1518	10.4598%	4.1408	16,192	67.05
Catawba	126	9.3394%	161.30	3.5665	10.4598%	4.6856	34,369	161.04
Region E Totals	269	9.3394%	344.37	3.4121	10.4598%	4.4828	76,143	341.84
Anson	28	-6.3565%	22.66	5.1565	-7.0720%	4.0625	5,197	21.11
Cabarrus	82	-6.3565%	66.36	1.6330	-7.0720%	1.2865	51,465	66.21
Gaston	213	-6.3565%	172.38	4.3641	-7.0720%	3.4382	48,248	165.89
Iredell	59	-6.3565%	47.75	1.5087	-7.0720%	1.1886	38,374	45.61
Lincoln	39	-6.3565%	31.56	2.2586	-7.0720%	1.7794	16,801	29.90
Mecklenburg *	692	-6.3565%	560.04	2.7593	-7.0720%	2.1739	259,603	564.35
Rowan	38	-6.3565%	30.75	1.2131	-7.0720%	0.9557	30,384	29.04
Stanly	121	-6.3565%	97.93	9.2092	-7.0720%	7.2554	12,886	93.49
Union	130	-6.3565%	105.21	2.1904	-7.0720%	1.7257	59,103	101.99
Region F Totals	1,402	-6.3565%	1,134.65	2.7201	-7.0720%	2.1430	522,061	1,117.60
Alamance	31	-9.9110%	21.78	0.8752	-9.7366%	0.6196	35,498	21.99
Caswell	7	-9.9110%	4.92	1.5953	-9.7366%	1.1293	4,259	4.81
Davidson	22	-9.9110%	15.46	0.6000	-9.7366%	0.4247	35,477	15.07
Guilford	176	-9.9110%	123.67	1.5243	-9.7366%	1.0791	114,293	123.33
Montgomery	80	-9.9110%	56.21	12.6863	-9.7366%	8.9807	6,075	54.56
Randolph	260	-9.9110%	182.69	7.8996	-9.7366%	5.5921	31,885	178.31
Rockingham	17	-9.9110%	11.95	0.8818	-9.7366%	0.6242	18,669	11.65
Region G Totals	593	-9.9110%	416.68	2.3679	-9.7366%	1.6762	246,156	409.72

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.
A projected deficit of 325 patients is the threshold of need for a new home health agency.

Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Under Age 18								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Davie	5	-37.3764%	-0.61	0.5749	-37.1741%	-0.0662	8,228	-0.55
Forsyth	67	-37.3764%	-8.13	0.7709	-37.1741%	-0.0888	87,917	-7.81
Stokes	5	-37.3764%	-0.61	0.5495	-37.1741%	-0.0633	8,707	-0.55
Surry	8	-37.3764%	-0.97	0.4999	-37.1741%	-0.0576	15,285	-0.88
Yadkin	5	-37.3764%	-0.61	0.6182	-37.1741%	-0.0712	7,697	-0.55
Region I Totals	90	-37.3764%	-10.92	0.6987	-37.1741%	-0.0805	127,834	-10.33
Chatham	14	-20.6844%	5.31	1.0073	-21.5436%	0.3563	13,862	4.94
Durham	42	-20.6844%	15.94	0.6083	-21.5436%	0.2152	73,472	15.81
Johnston	21	-20.6844%	7.97	0.4389	-21.5436%	0.1552	48,197	7.48
Lee	11	-20.6844%	4.17	0.7372	-21.5436%	0.2607	14,708	3.83
Moore *	33	-20.6844%	12.52	1.6728	-21.5436%	0.5917	19,856	11.75
Orange	20	-20.6844%	7.59	0.7288	-21.5436%	0.2578	27,220	7.02
Wake *	76	-20.6844%	28.84	0.3054	-21.5436%	0.1080	252,528	27.28
Region J Totals	217	-20.6844%	82.34	0.4912	-21.5436%	0.1737	449,843	78.11
Franklin	10	3.6859%	11.11	0.6911	4.5264%	0.7850	14,260	11.19
Granville	6	3.6859%	6.66	0.5059	4.5264%	0.5746	11,444	6.58
Person	4	3.6859%	4.44	0.4739	4.5264%	0.5383	8,298	4.47
Vance	13	3.6859%	14.44	1.2034	4.5264%	1.3668	10,487	14.33
Warren	2	3.6859%	2.22	0.5176	4.5264%	0.5879	3,781	2.22
Region K Totals	35	3.6859%	38.87	0.7080	4.5264%	0.8041	48,270	38.79
Edgecombe	11	-22.0266%	3.73	0.8585	-21.0037%	0.3176	12,403	3.94
Halifax	2	-22.0266%	0.68	0.1739	-21.0037%	0.0643	11,001	0.71
Nash	12	-22.0266%	4.07	0.5759	-21.0037%	0.2130	19,795	4.22
Northampton	1	-22.0266%	0.34	0.2496	-21.0037%	0.0923	3,846	0.36
Wilson	50	-22.0266%	16.96	2.6095	-21.0037%	0.9652	18,761	18.11
Region L Totals	76	-22.0266%	25.78	1.1125	-21.0037%	0.4115	65,806	27.33
Cumberland *	121	-19.8237%	49.04	1.3659	-20.1564%	0.5400	90,050	48.62
Harnett *	21	-19.8237%	8.51	0.5981	-20.1564%	0.2364	36,216	8.56
Sampson	49	-19.8237%	19.86	3.0638	-20.1564%	1.2112	15,580	18.87
Region M Totals	191	-19.8237%	77.41	1.3673	-20.1564%	0.5405	141,846	76.05
Bladen	22	-14.7654%	12.25	2.9248	-14.1199%	1.6858	7,243	12.21
Hoke *	21	-14.7654%	11.70	1.3100	-14.1199%	0.7551	16,617	12.55
Richmond	19	-14.7654%	10.58	1.7941	-14.1199%	1.0341	10,215	10.56
Robeson	94	-14.7654%	52.36	2.8058	-14.1199%	1.6173	31,798	51.43
Scotland	17	-14.7654%	9.47	1.9969	-14.1199%	1.1510	8,121	9.35
Region N Totals	173	-14.7654%	96.37	2.2716	-14.1199%	1.3094	73,994	96.10
Brunswick	70	-20.8262%	26.27	3.2698	-21.3776%	1.1728	22,141	25.97
Columbus	44	-20.8262%	16.51	3.4990	-21.3776%	1.2550	12,038	15.11
New Hanover *	65	-20.8262%	24.39	1.5450	-21.3776%	0.5542	42,698	23.66
Pender *	23	-20.8262%	8.63	1.8873	-21.3776%	0.6769	12,514	8.47
Region O Totals	202	-20.8262%	75.79	2.2892	-21.3776%	0.8211	89,391	73.21

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Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Under Age 18								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Carteret *	3	-6.7649%	2.39	0.2423	-7.4930%	0.1878	12,121	2.28
Craven *	5	-6.7649%	3.99	0.1913	-7.4930%	0.1483	26,935	4.00
Duplin	13	-6.7649%	10.36	0.8812	-7.4930%	0.6831	14,526	9.92
Greene	2	-6.7649%	1.59	0.4260	-7.4930%	0.3302	4,461	1.47
Jones	0	-6.7649%	0.00	0.0000	-7.4930%	0.0000	2,081	0.00
Lenoir	5	-6.7649%	3.99	0.3757	-7.4930%	0.2913	12,906	3.76
Onslow *	74	-6.7649%	58.98	1.3416	-7.4930%	1.0400	59,126	61.49
Pamlico	0	-6.7649%	0.00	0.0000	-7.4930%	0.0000	2,081	0.00
Wayne *	22	-6.7649%	17.54	0.7130	-7.4930%	0.5527	30,780	17.01
Region P Totals	124	-6.7649%	98.83	0.7676	-7.4930%	0.5951	165,017	99.93
Beaufort	2	-1.6667%	1.90	0.1997	-1.2968%	0.1919	9,638	1.85
Bertie	1	-1.6667%	0.95	0.2544	-1.2968%	0.2445	3,795	0.93
Hertford	2	-1.6667%	1.90	0.4103	-1.2968%	0.3944	4,685	1.85
Martin	8	-1.6667%	7.60	1.6250	-1.2968%	1.5618	4,743	7.41
Pitt	4	-1.6667%	3.80	0.1035	-1.2968%	0.0995	38,394	3.82
Region Q Totals	17	-1.6667%	16.15	0.2725	-1.2968%	0.2619	61,255	15.85
Camden	4	-5.9213%	3.29	1.7730	-6.2079%	1.4428	2,171	3.13
Chowan	4	-5.9213%	3.29	1.3021	-6.2079%	1.0596	3,003	3.18
Currituck	10	-5.9213%	8.22	1.8285	-6.2079%	1.4880	5,626	8.37
Dare	11	-5.9213%	9.05	1.6035	-6.2079%	1.3049	6,920	9.03
Gates	2	-5.9213%	1.64	0.8319	-6.2079%	0.6770	2,300	1.56
Hyde	0	-5.9213%	0.00	0.0000	-6.2079%	0.0000	974	0.00
Pasquotank *	16	-5.9213%	13.16	1.7450	-6.2079%	1.4200	9,106	12.93
Perquimans	8	-5.9213%	6.58	3.0476	-6.2079%	2.4800	2,555	6.34
Tyrrell	2	-5.9213%	1.64	2.6247	-6.2079%	2.1359	758	1.62
Washington	7	-5.9213%	5.76	2.5418	-6.2079%	2.0684	2,695	5.57
Region R Totals	64	-5.9213%	52.63	1.7602	-6.2079%	1.4324	36,108	51.73
Grand Totals	4,004	-10.4366%	3,068.16	1.7392	-10.7066%	1.1806	2,306,378	3,032.47

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Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 18-64								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Cherokee	184	11.3666%	246.74	12.2422	11.4548%	16.4491	14,786	243.22
Clay	58	11.3666%	77.78	9.7973	11.4548%	13.1641	5,773	76.00
Graham	36	11.3666%	48.28	7.2144	11.4548%	9.6936	5,112	49.55
Haywood	455	11.3666%	610.15	13.1781	11.4548%	17.7067	34,575	612.21
Jackson	171	11.3666%	229.31	6.4733	11.4548%	8.6979	26,533	230.78
Macon	143	11.3666%	191.76	7.5790	11.4548%	10.1834	19,242	195.95
Swain	52	11.3666%	69.73	5.9613	11.4548%	8.0098	8,845	70.85
Region A Totals	1,099	11.3666%	1,473.76	9.6004	11.4548%	12.8996	114,866	1,478.55
Buncombe	1,881	-1.5080%	1,795.90	11.9210	-2.0295%	11.1952	161,517	1,808.21
Henderson	724	-1.5080%	691.25	11.7133	-2.0295%	11.0001	63,172	694.90
Madison	176	-1.5080%	168.04	13.2951	-2.0295%	12.4856	13,284	165.86
Transylvania	264	-1.5080%	252.06	14.5431	-2.0295%	13.6576	18,266	249.47
Region B Totals	3,045	-1.5080%	2,907.24	12.1320	-2.0295%	11.3933	256,239	2,918.44
Cleveland	1,115	-0.5055%	1,098.09	18.6858	-0.3997%	18.4617	59,828	1,104.53
McDowell	542	-0.5055%	533.78	19.7709	-0.3997%	19.5339	27,231	531.93
Polk	85	-0.5055%	83.71	7.3599	-0.3997%	7.2717	11,540	83.92
Rutherford	607	-0.5055%	597.80	15.2180	-0.3997%	15.0355	39,432	592.88
Region C Totals	2,349	-0.5055%	2,313.38	16.9577	-0.3997%	16.7544	138,031	2,313.25
Alleghany	39	12.2937%	53.38	6.0795	12.3784%	8.3371	6,492	54.12
Ashe	163	12.2937%	223.12	10.2226	12.3784%	14.0188	15,692	219.98
Avery	129	12.2937%	176.58	11.2743	12.3784%	15.4610	11,282	174.43
Mitchell	174	12.2937%	238.17	18.6236	12.3784%	25.5395	9,314	237.87
Watauga	132	12.2937%	180.68	3.4382	12.3784%	4.7150	38,664	182.30
Wilkes	538	12.2937%	736.42	12.9402	12.3784%	17.7455	41,436	735.30
Yancey	196	12.2937%	268.29	18.9335	12.3784%	25.9646	10,213	265.18
Region D Totals	1,371	12.2937%	1,876.64	10.2724	12.3784%	14.0870	133,093	1,869.19
Alexander	366	6.2273%	434.38	15.7142	6.4460%	18.7530	23,700	444.45
Burke	808	6.2273%	958.95	14.9312	6.4460%	17.8185	53,942	961.17
Caldwell	726	6.2273%	861.63	14.3933	6.4460%	17.1767	50,293	863.87
Catawba	1,597	6.2273%	1,895.35	16.7639	6.4460%	20.0057	95,381	1,908.17
Region E Totals	3,497	6.2273%	4,150.31	15.6739	6.4460%	18.7049	223,316	4,177.65
Anson	272	0.4453%	275.63	16.2943	-1.0085%	15.8013	16,654	263.15
Cabarrus	1,584	0.4453%	1,605.16	13.0841	-1.0085%	12.6882	129,811	1,647.07
Gaston	2,329	0.4453%	2,360.11	17.7717	-1.0085%	17.2340	133,220	2,295.92
Iredell	1,198	0.4453%	1,214.00	11.3931	-1.0085%	11.0484	109,552	1,210.38
Lincoln	786	0.4453%	796.50	15.5801	-1.0085%	15.1087	51,241	774.19
Mecklenburg *	6,088	0.4453%	6,169.32	9.0251	-1.0085%	8.7520	714,633	6,254.48
Rowan	1,244	0.4453%	1,260.62	14.6430	-1.0085%	14.2000	84,481	1,199.63
Stanly	578	0.4453%	585.72	15.5189	-1.0085%	15.0493	37,382	562.57
Union	1,023	0.4453%	1,036.67	7.5517	-1.0085%	7.3232	145,601	1,066.27
Region F Totals	15,102	0.4453%	15,303.73	11.1319	-1.0085%	10.7951	1,422,575	15,273.66
Alamance	1,074	0.3791%	1,086.22	11.1094	-0.0276%	11.1002	100,041	1,110.47
Caswell	223	0.3791%	225.54	15.0493	-0.0276%	15.0368	14,538	218.61
Davidson	1,192	0.3791%	1,205.56	11.8395	-0.0276%	11.8297	101,280	1,198.11
Guilford	3,537	0.3791%	3,577.23	10.7812	-0.0276%	10.7722	333,305	3,590.44
Montgomery	300	0.3791%	303.41	18.4581	-0.0276%	18.4428	16,176	298.33
Randolph	1,278	0.3791%	1,292.54	14.6353	-0.0276%	14.6232	88,200	1,289.77
Rockingham	857	0.3791%	866.75	15.2554	-0.0276%	15.2427	55,590	847.34
Region G Totals	8,461	0.3791%	8,557.23	12.0872	-0.0276%	12.0772	709,130	8,553.07

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Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 18-64								
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Davie	352	-0.8981%	342.52	14.1564	-1.3654%	13.5766	24,734	335.80
Forsyth	2,567	-0.8981%	2,497.84	11.3073	-1.3654%	10.8442	232,308	2,519.19
Stokes	341	-0.8981%	331.81	11.7732	-1.3654%	11.2910	28,706	324.12
Surry	566	-0.8981%	550.75	12.8385	-1.3654%	12.3127	44,025	542.07
Yadkin	331	-0.8981%	322.08	14.6272	-1.3654%	14.0281	22,254	312.18
Region I Totals	4,157	-0.8981%	4,044.99	11.9604	-1.3654%	11.4704	352,027	4,033.36
Chatham	246	-3.2692%	221.87	6.1540	-4.6567%	5.2943	40,942	216.76
Durham	1,401	-3.2692%	1,263.60	7.1856	-4.6567%	6.1818	202,071	1,249.16
Johnston	1,044	-3.2692%	941.61	9.2573	-4.6567%	7.9640	119,766	953.82
Lee	407	-3.2692%	367.08	11.5826	-4.6567%	9.9645	34,878	347.54
Moore *	507	-3.2692%	457.28	10.2538	-4.6567%	8.8213	50,828	448.37
Orange	558	-3.2692%	503.27	5.7573	-4.6567%	4.9530	99,030	490.50
Wake *	4,351	-3.2692%	3,924.27	6.6821	-4.6567%	5.7486	688,629	3,958.64
Region J Totals	8,514	-3.2692%	7,678.98	7.2130	-4.6567%	6.2053	1,236,144	7,664.78
Franklin	509	-0.1150%	507.24	12.8763	-0.0596%	12.8533	40,337	518.46
Granville	272	-0.1150%	271.06	7.2535	-0.0596%	7.2406	37,525	271.70
Person	285	-0.1150%	284.02	11.9217	-0.0596%	11.9004	23,648	281.42
Vance	335	-0.1150%	333.84	12.5299	-0.0596%	12.5075	26,453	330.86
Warren	171	-0.1150%	170.41	14.1182	-0.0596%	14.0930	11,827	166.68
Region K Totals	1,572	-0.1150%	1,566.58	11.2460	-0.0596%	11.2259	139,790	1,569.12
Edgecombe	518	2.3318%	554.24	15.6775	3.0378%	17.1062	32,351	553.40
Halifax	330	2.3318%	353.08	10.4646	3.0378%	11.4182	30,531	348.61
Nash	620	2.3318%	663.37	10.7742	3.0378%	11.7561	56,579	665.15
Northampton	116	2.3318%	124.11	9.3375	3.0378%	10.1885	12,014	122.40
Wilson	837	2.3318%	895.55	17.0136	3.0378%	18.5641	49,615	921.06
Region L Totals	2,421	2.3318%	2,590.36	13.1762	3.0378%	14.3770	181,090	2,610.62
Cumberland *	1,629	-6.4236%	1,315.08	9.1440	-6.4480%	7.3752	178,290	1,314.93
Harnett *	775	-6.4236%	625.65	10.5880	-6.4480%	8.5399	77,009	657.65
Sampson	470	-6.4236%	379.43	12.3538	-6.4480%	9.9641	38,059	379.22
Region M Totals	2,874	-6.4236%	2,320.16	9.9312	-6.4480%	8.0101	293,358	2,351.79
Bladen	375	-4.4089%	325.40	17.8012	-3.8113%	15.7658	20,855	328.80
Hoke *	229	-4.4089%	198.71	8.2032	-3.8113%	7.2652	29,837	216.77
Richmond	373	-4.4089%	323.66	13.6002	-3.8113%	12.0452	27,207	327.71
Robeson	1,693	-4.4089%	1,469.07	20.7509	-3.8113%	18.3782	80,992	1,488.49
Scotland	293	-4.4089%	254.25	13.6463	-3.8113%	12.0860	20,596	248.92
Region N Totals	2,963	-4.4089%	2,571.09	16.5101	-3.8113%	14.6223	179,487	2,610.70
Brunswick	966	1.4560%	1,008.20	14.4459	0.5267%	14.6742	70,069	1,028.21
Columbus	873	1.4560%	911.13	25.0409	0.5267%	25.4366	34,789	884.91
New Hanover *	1,559	1.4560%	1,627.10	10.9698	0.5267%	11.1432	146,811	1,635.94
Pender *	433	1.4560%	451.91	12.3789	0.5267%	12.5745	36,848	463.34
Region O Totals	3,831	1.4560%	3,998.34	13.7396	0.5267%	13.9567	288,517	4,012.41

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Ages 18-64								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Carteret *	325	1.7284%	341.85	8.0277	2.2228%	8.5630	39,889	341.57
Craven *	586	1.7284%	616.39	10.6096	2.2228%	11.3171	55,782	631.29
Duplin	452	1.7284%	475.44	12.6614	2.2228%	13.5057	36,044	486.80
Greene	143	1.7284%	150.41	10.5997	2.2228%	11.3065	13,398	151.48
Jones	83	1.7284%	87.30	13.0935	2.2228%	13.9667	6,312	88.16
Lenoir	625	1.7284%	657.41	17.9479	2.2228%	19.1448	34,488	660.26
Onslow *	936	1.7284%	984.53	10.1809	2.2228%	10.8598	90,586	983.75
Pamlico	40	1.7284%	42.07	5.3241	2.2228%	5.6791	7,374	41.88
Wayne *	990	1.7284%	1,041.33	13.5071	2.2228%	14.4078	73,150	1,053.93
Region P Totals	4,180	1.7284%	4,396.74	11.6495	2.2228%	12.4263	357,023	4,439.12
Beaufort	359	2.0042%	380.59	13.2899	2.3502%	14.2269	26,525	377.37
Bertie	152	2.0042%	161.14	12.0425	2.3502%	12.8915	11,858	152.87
Hertford	107	2.0042%	113.43	7.0008	2.3502%	7.4944	14,892	111.61
Martin	226	2.0042%	239.59	16.3709	2.3502%	17.5251	13,374	234.38
Pitt	1,091	2.0042%	1,156.60	9.3963	2.3502%	10.0588	116,622	1,173.08
Region Q Totals	1,935	2.0042%	2,051.34	10.4689	2.3502%	11.2070	183,271	2,049.31
Camden	75	2.5436%	80.72	11.5154	2.2888%	12.3061	6,639	81.70
Chowan	86	2.5436%	92.56	10.3689	2.2888%	11.0809	8,197	90.83
Currituck	196	2.5436%	210.96	11.9936	2.2888%	12.8172	17,259	221.21
Dare	194	2.5436%	208.80	8.8483	2.2888%	9.4559	21,406	202.41
Gates	98	2.5436%	105.48	13.2701	2.2888%	14.1813	7,348	104.20
Hyde	21	2.5436%	22.60	5.6225	2.2888%	6.0085	3,578	21.50
Pasquotank *	306	2.5436%	329.35	12.7251	2.2888%	13.5988	24,063	327.23
Perquimans	98	2.5436%	105.48	13.1385	2.2888%	14.0406	7,372	103.51
Tyrrell	20	2.5436%	21.53	7.7369	2.2888%	8.2682	2,570	21.25
Washington	92	2.5436%	99.02	12.8295	2.2888%	13.7104	6,844	93.83
Region R Totals	1,186	2.5436%	1,276.50	11.2464	2.2888%	12.0186	105,276	1,267.68
Grand Totals	68,557	-0.1235%	69,077.38	11.1196	-0.7567%	10.8671	6,313,233	69,192.70

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Ages 65-74								
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Cherokee	210	8.0228%	260.54	46.7394	5.1752%	53.9959	4,486	242.23
Clay	86	8.0228%	106.70	47.4352	5.1752%	54.7998	1,866	102.26
Graham	23	8.0228%	28.54	19.8105	5.1752%	22.8862	1,163	26.62
Haywood	410	8.0228%	508.68	50.5299	5.1752%	58.3750	8,417	491.34
Jackson	168	8.0228%	208.43	36.5535	5.1752%	42.2287	4,773	201.56
Macon	184	8.0228%	228.29	35.4187	5.1752%	40.9176	5,593	228.85
Swain	59	8.0228%	73.20	35.2871	5.1752%	40.7656	1,755	71.54
Region A Totals	1,140	8.0228%	1,414.38	42.1535	5.1752%	48.6981	28,053	1,364.39
Buncombe	1,595	4.5084%	1,810.72	58.9061	0.1972%	59.2546	30,429	1,803.06
Henderson	786	4.5084%	892.31	51.3826	0.1972%	51.6867	16,145	834.48
Madison	164	4.5084%	186.18	60.7407	0.1972%	61.1001	2,982	182.20
Transylvania	237	4.5084%	269.05	45.5419	0.1972%	45.8114	5,385	246.69
Region B Totals	2,782	4.5084%	3,158.27	55.3324	0.1972%	55.6598	54,941	3,066.44
Cleveland	908	6.4643%	1,084.09	88.3870	3.2968%	97.1289	10,987	1,067.16
McDowell	395	6.4643%	471.60	78.4508	3.2968%	86.2100	5,460	470.71
Polk	139	6.4643%	165.96	44.9838	3.2968%	49.4329	3,265	161.40
Rutherford	493	6.4643%	588.61	62.7786	3.2968%	68.9876	7,979	550.45
Region C Totals	1,935	6.4643%	2,310.25	73.7115	3.2968%	81.0019	27,691	2,249.71
Alleghany	54	10.2873%	70.67	35.3403	7.4552%	43.2444	1,572	67.98
Ashe	188	10.2873%	246.02	51.5068	7.4552%	63.0267	3,855	242.97
Avery	153	10.2873%	200.22	74.7070	7.4552%	91.4158	2,151	196.64
Mitchell	143	10.2873%	187.13	71.3929	7.4552%	87.3605	2,108	184.16
Watauga	163	10.2873%	213.30	34.5193	7.4552%	42.2398	5,184	218.97
Wilkes	428	10.2873%	560.09	53.3134	7.4552%	65.2373	8,537	556.93
Yancey	172	10.2873%	225.08	72.0268	7.4552%	88.1361	2,454	216.29
Region D Totals	1,301	10.2873%	1,702.51	53.3919	7.4552%	65.3334	25,861	1,683.93
Alexander	253	6.0971%	299.28	59.3479	2.5374%	63.8656	4,621	295.12
Burke	605	6.0971%	715.66	62.0004	2.5374%	66.7200	10,161	677.94
Caldwell	635	6.0971%	751.15	71.4768	2.5374%	76.9178	9,320	716.87
Catawba	1,196	6.0971%	1,414.76	77.0569	2.5374%	82.9227	16,503	1,368.47
Region E Totals	2,689	6.0971%	3,180.85	69.9787	2.5374%	75.3056	40,605	3,058.41
Anson	172	4.8441%	197.00	67.7432	-0.4671%	66.7940	2,725	182.01
Cabarrus	1,250	4.8441%	1,431.65	83.3667	-0.4671%	82.1985	16,890	1,388.33
Gaston	1,792	4.8441%	2,052.42	92.2048	-0.4671%	90.9128	21,290	1,935.53
Iredell	1,094	4.8441%	1,252.98	71.8366	-0.4671%	70.8300	16,673	1,180.95
Lincoln	695	4.8441%	796.00	83.5437	-0.4671%	82.3731	9,072	747.29
Mecklenburg *	4,314	4.8441%	4,940.92	65.5942	-0.4671%	64.6751	76,672	4,958.77
Rowan	955	4.8441%	1,093.78	72.4968	-0.4671%	71.4809	14,141	1,010.81
Stanly	497	4.8441%	569.23	77.5230	-0.4671%	76.4367	6,861	524.43
Union	946	4.8441%	1,083.48	57.3229	-0.4671%	56.5197	18,434	1,041.88
Region F Totals	11,715	4.8441%	13,417.46	72.1496	-0.4671%	71.1386	182,758	12,970.02
Alamance	879	0.9376%	903.72	61.2843	-3.1221%	55.5442	15,785	876.77
Caswell	186	0.9376%	191.23	68.7361	-3.1221%	62.2981	2,945	183.47
Davidson	981	0.9376%	1,008.59	59.1641	-3.1221%	53.6226	17,618	944.72
Guilford	2,610	0.9376%	2,683.41	61.2662	-3.1221%	55.5278	47,578	2,641.90
Montgomery	267	0.9376%	274.51	83.8568	-3.1221%	76.0025	3,310	251.57
Randolph	1,050	0.9376%	1,079.53	74.8610	-3.1221%	67.8493	15,078	1,023.03
Rockingham	636	0.9376%	653.89	64.5882	-3.1221%	58.5387	10,654	623.67
Region G Totals	6,609	0.9376%	6,794.90	63.9861	-3.1221%	57.9930	112,968	6,545.13

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Davie	294	1.2941%	305.41	64.7434	-2.3209%	60.2356	4,857	292.56
Forsyth	2,194	1.2941%	2,279.18	70.4786	-2.3209%	65.5715	34,788	2,281.10
Stokes	311	1.2941%	323.07	60.2947	-2.3209%	56.0966	5,472	306.96
Surry	524	1.2941%	544.34	66.9649	-2.3209%	62.3023	8,304	517.36
Yadkin	274	1.2941%	284.64	69.0003	-2.3209%	64.1960	4,028	258.58
Region I Totals	3,597	1.2941%	3,736.65	68.3515	-2.3209%	63.5925	57,449	3,656.57
Chatham	310	5.3875%	360.10	33.8059	-0.6006%	33.1967	10,408	345.51
Durham	1,193	5.3875%	1,385.82	58.3346	-0.6006%	57.2834	24,260	1,389.70
Johnston	822	5.3875%	954.85	56.8858	-0.6006%	55.8608	16,632	929.08
Lee	403	5.3875%	468.13	76.6014	-0.6006%	75.2211	5,485	412.59
Moore *	553	5.3875%	642.38	43.9901	-0.6006%	43.1975	13,294	574.27
Orange	469	5.3875%	544.80	42.8389	-0.6006%	42.0670	12,992	546.53
Wake *	3,998	5.3875%	4,644.17	61.2589	-0.6006%	60.1551	77,054	4,635.19
Region J Totals	7,748	5.3875%	9,000.26	56.0982	-0.6006%	55.0873	160,125	8,832.86
Franklin	444	7.5782%	544.94	73.3157	2.8257%	79.5308	6,748	536.67
Granville	266	7.5782%	326.47	48.6823	2.8257%	52.8091	6,045	319.23
Person	238	7.5782%	292.11	57.6271	2.8257%	62.5122	4,475	279.74
Vance	235	7.5782%	288.43	53.1795	2.8257%	57.6875	4,709	271.65
Warren	148	7.5782%	181.65	58.3596	2.8257%	63.3068	2,689	170.23
Region K Totals	1,331	7.5782%	1,633.60	58.8808	2.8257%	63.8722	24,666	1,577.53
Edgecombe	334	7.4301%	408.45	59.5153	3.4863%	65.7400	6,255	411.20
Halifax	322	7.4301%	393.77	57.4385	3.4863%	63.4459	6,057	384.29
Nash	539	7.4301%	659.14	55.8376	3.4863%	61.6776	10,679	658.65
Northampton	123	7.4301%	150.42	48.1409	3.4863%	53.1759	2,596	138.04
Wilson	608	7.4301%	743.52	77.8988	3.4863%	86.0461	8,731	751.27
Region L Totals	1,926	7.4301%	2,355.31	61.6695	3.4863%	68.1195	34,318	2,343.46
Cumberland *	1,143	-3.0951%	1,036.87	50.5573	-6.7083%	40.3827	25,276	1,020.71
Harnett *	561	-3.0951%	508.91	60.1673	-6.7083%	48.0587	10,385	499.09
Sampson	395	-3.0951%	358.32	65.2677	-6.7083%	52.1327	6,541	341.00
Region M Totals	2,099	-3.0951%	1,904.10	55.2601	-6.7083%	44.1391	42,202	1,860.80
Bladen	323	1.9344%	341.74	81.9797	-2.0604%	76.9125	4,329	332.95
Hoke *	178	1.9344%	188.33	62.2378	-2.0604%	58.3908	3,403	198.70
Richmond	307	1.9344%	324.82	67.5170	-2.0604%	63.3438	4,901	310.45
Robeson	923	1.9344%	976.56	81.5011	-2.0604%	76.4635	12,303	940.73
Scotland	202	1.9344%	213.72	56.3302	-2.0604%	52.8484	3,959	209.23
Region N Totals	1,933	1.9344%	2,045.18	73.6157	-2.0604%	69.0654	28,895	1,992.06
Brunswick	1,253	6.4980%	1,497.26	55.9400	1.6780%	58.7559	24,559	1,442.99
Columbus	581	6.4980%	694.26	95.7324	1.6780%	100.5515	6,476	651.17
New Hanover *	1,376	6.4980%	1,644.24	65.6645	1.6780%	68.9700	23,304	1,607.28
Pender *	422	6.4980%	504.26	68.9542	1.6780%	72.4253	6,812	493.36
Region O Totals	3,632	6.4980%	4,340.02	65.3908	1.6780%	68.6825	61,151	4,194.80

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.
A projected deficit of 325 patients is the threshold of need for a new home health agency.

Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 65-74								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Carteret *	381	3.8552%	425.07	39.7538	1.0942%	41.0588	10,193	418.51
Craven *	504	3.8552%	562.29	52.2117	1.0942%	53.9257	10,278	554.25
Duplin	369	3.8552%	411.68	63.9626	1.0942%	66.0623	6,226	411.30
Greene	113	3.8552%	126.07	61.9178	1.0942%	63.9504	2,086	133.40
Jones	69	3.8552%	76.98	58.6735	1.0942%	60.5996	1,277	77.39
Lenoir	524	3.8552%	584.60	86.3689	1.0942%	89.2041	6,533	582.77
Onslow *	752	3.8552%	838.97	74.5292	1.0942%	76.9758	11,166	859.51
Pamlico	65	3.8552%	72.52	32.3222	1.0942%	33.3833	2,099	70.07
Wayne *	786	3.8552%	876.91	73.7474	1.0942%	76.1683	11,780	897.26
Region P Totals	3,563	3.8552%	3,975.08	62.6924	1.0942%	64.7505	61,638	4,004.47
Beaufort	344	7.8218%	424.72	52.7446	3.5775%	58.4053	6,885	402.12
Bertie	112	7.8218%	138.28	54.6341	3.5775%	60.4977	2,199	133.03
Hertford	112	7.8218%	138.28	46.3768	3.5775%	51.3542	2,677	137.48
Martin	192	7.8218%	237.05	66.9456	3.5775%	74.1305	3,069	227.51
Pitt	885	7.8218%	1,092.67	71.3250	3.5775%	78.9798	14,069	1,111.17
Region Q Totals	1,645	7.8218%	2,031.01	62.6356	3.5775%	69.3580	28,899	2,011.30
Camden	40	3.7467%	44.50	41.6233	0.1855%	41.8549	1,013	42.40
Chowan	82	3.7467%	91.22	44.6866	0.1855%	44.9353	1,910	85.83
Currituck	127	3.7467%	141.27	51.2097	0.1855%	51.4946	2,772	142.74
Dare	162	3.7467%	180.21	38.1087	0.1855%	38.3207	4,751	182.06
Gates	81	3.7467%	90.10	65.4810	0.1855%	65.8454	1,296	85.34
Hyde	18	3.7467%	20.02	30.8219	0.1855%	30.9934	689	21.35
Pasquotank *	208	3.7467%	231.38	60.1852	0.1855%	60.5201	3,683	222.90
Perquimans	90	3.7467%	100.12	45.0000	0.1855%	45.2504	1,924	87.06
Tyrrell	22	3.7467%	24.47	53.9216	0.1855%	54.2216	415	22.50
Washington	90	3.7467%	100.12	58.2524	0.1855%	58.5766	1,650	96.65
Region R Totals	920	3.7467%	1,023.41	49.0484	0.1855%	49.3213	20,103	988.83
Grand Totals	56,565	4.1022%	64,023.23	62.9732	-0.2852%	62.4345	992,323	62,400.71

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population. A projected deficit of 325 patients is the threshold of need for a new home health agency.

Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 75 and Over								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Cherokee	363	2.6473%	391.83	118.7439	-0.7693%	116.0033	3,484	404.16
Clay	154	2.6473%	166.23	122.4165	-0.7693%	119.5912	1,406	168.15
Graham	62	2.6473%	66.92	70.6150	-0.7693%	68.9853	965	66.57
Haywood	676	2.6473%	729.69	105.0668	-0.7693%	102.6419	7,021	720.65
Jackson	274	2.6473%	295.76	91.7616	-0.7693%	89.6437	3,430	307.48
Macon	393	2.6473%	424.21	92.6013	-0.7693%	90.4641	4,659	421.47
Swain	53	2.6473%	57.21	48.6685	-0.7693%	47.5453	1,191	56.63
Region A Totals	1,975	2.6473%	2,131.85	99.0173	-0.7693%	96.7321	22,156	2,145.10
Buncombe	2,864	0.8609%	2,937.97	144.8367	-1.6700%	137.5801	21,623	2,974.90
Henderson	1,764	0.8609%	1,809.56	136.2162	-1.6700%	129.3916	14,388	1,861.69
Madison	285	0.8609%	292.36	157.8073	-1.6700%	149.9009	2,023	303.25
Transylvania	618	0.8609%	633.96	130.7383	-1.6700%	124.1881	5,292	657.20
Region B Totals	5,531	0.8609%	5,673.85	140.8921	-1.6700%	133.8332	43,326	5,797.03
Cleveland	1,461	0.0473%	1,463.07	215.0110	-1.7248%	203.8854	7,310	1,490.40
McDowell	586	0.0473%	586.83	162.7778	-1.7248%	154.3549	3,873	597.82
Polk	287	0.0473%	287.41	107.8137	-1.7248%	102.2349	2,902	296.69
Rutherford	681	0.0473%	681.97	123.4814	-1.7248%	117.0919	5,921	693.30
Region C Totals	3,015	0.0473%	3,019.28	162.3412	-1.7248%	153.9409	20,006	3,078.21
Alleghany	74	4.2559%	83.45	62.3420	1.1587%	64.5092	1,309	84.44
Ashe	397	4.2559%	447.69	142.8571	1.1587%	147.8232	3,026	447.31
Avery	284	4.2559%	320.26	178.3920	1.1587%	184.5932	1,708	315.29
Mitchell	281	4.2559%	316.88	176.7296	1.1587%	182.8730	1,686	308.32
Watauga	399	4.2559%	449.94	122.0930	1.1587%	126.3372	3,727	470.86
Wilkes	790	4.2559%	890.86	136.0193	1.1587%	140.7476	6,290	885.30
Yancey	333	4.2559%	375.52	183.3700	1.1587%	189.7444	1,964	372.66
Region D Totals	2,558	4.2559%	2,884.60	141.7960	1.1587%	146.7251	19,710	2,884.18
Alexander	403	3.0777%	440.21	144.8598	1.0450%	149.4010	3,234	483.16
Burke	1,013	3.0777%	1,106.53	146.4719	1.0450%	151.0637	7,445	1,124.67
Caldwell	909	3.0777%	992.93	153.1850	1.0450%	157.9872	6,476	1,023.13
Catawba	2,173	3.0777%	2,373.63	215.8323	1.0450%	222.5984	10,978	2,443.69
Region E Totals	4,498	3.0777%	4,913.30	175.0195	1.0450%	180.5061	28,133	5,074.64
Anson	289	0.4542%	292.94	159.9336	-2.0100%	150.2896	1,890	284.05
Cabarrus	2,009	0.4542%	2,036.37	206.5385	-2.0100%	194.0843	11,080	2,150.45
Gaston	2,878	0.4542%	2,917.21	227.6358	-2.0100%	213.9094	13,507	2,889.27
Iredell	1,796	0.4542%	1,820.47	183.3776	-2.0100%	172.3199	11,046	1,903.45
Lincoln	1,010	0.4542%	1,023.76	211.5183	-2.0100%	198.7638	5,520	1,097.18
Mecklenburg *	7,018	0.4542%	7,113.63	171.4467	-2.0100%	161.1085	46,969	7,567.11
Rowan	1,578	0.4542%	1,599.50	170.4472	-2.0100%	160.1692	9,704	1,554.28
Stanly	804	0.4542%	814.96	180.2691	-2.0100%	169.3989	4,872	825.31
Union	1,404	0.4542%	1,423.13	152.1456	-2.0100%	142.9713	11,252	1,608.71
Region F Totals	18,786	0.4542%	19,041.97	183.0530	-2.0100%	172.0150	115,840	19,879.81
Alamance	1,917	1.7269%	2,016.32	171.3749	0.0952%	171.8641	12,091	2,078.01
Caswell	279	1.7269%	293.45	161.1785	0.0952%	161.6386	1,889	305.34
Davidson	1,646	1.7269%	1,731.28	149.6636	0.0952%	150.0908	11,970	1,796.59
Guilford	5,201	1.7269%	5,470.45	171.7579	0.0952%	172.2482	32,735	5,638.54
Montgomery	460	1.7269%	483.83	219.1520	0.0952%	219.7776	2,344	515.16
Randolph	1,924	1.7269%	2,023.68	204.5938	0.0952%	205.1778	10,266	2,106.36
Rockingham	1,059	1.7269%	1,113.86	146.2707	0.0952%	146.6883	7,632	1,119.52
Region G Totals	12,486	1.7269%	13,132.88	171.1841	0.0952%	171.6728	78,927	13,559.52

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Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 75 and Over								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Davie	645	2.0544%	684.75	191.2811	0.5487%	194.4296	3,652	710.06
Forsyth	4,565	2.0544%	4,846.36	200.3423	0.5487%	203.6400	24,541	4,997.53
Stokes	612	2.0544%	649.72	171.6690	0.5487%	174.4947	3,901	680.70
Surry	1,105	2.0544%	1,173.10	186.6554	0.5487%	189.7278	6,219	1,179.92
Yadkin	462	2.0544%	490.47	155.7128	0.5487%	158.2759	3,133	495.88
Region I Totals	7,389	2.0544%	7,844.41	191.3753	0.5487%	194.5253	41,446	8,064.08
Chatham	680	3.5872%	753.18	99.8678	0.1179%	100.2212	8,025	804.27
Durham	2,289	3.5872%	2,535.34	171.6021	0.1179%	172.2092	14,814	2,551.11
Johnston	1,384	3.5872%	1,532.94	167.9612	0.1179%	168.5554	9,514	1,603.64
Lee	625	3.5872%	692.26	161.0825	0.1179%	161.6524	4,156	671.83
Moore *	1,131	3.5872%	1,252.71	101.3713	0.1179%	101.7300	12,168	1,237.85
Orange	984	3.5872%	1,089.90	156.5134	0.1179%	157.0672	7,351	1,154.60
Wake *	7,588	3.5872%	8,404.60	193.6060	0.1179%	194.2910	46,455	9,025.79
Region J Totals	14,681	3.5872%	16,260.93	165.1313	0.1179%	165.7156	102,483	17,049.09
Franklin	709	4.2930%	800.31	186.9233	2.0282%	198.2967	4,319	856.44
Granville	497	4.2930%	561.01	143.7247	2.0282%	152.4697	3,840	585.48
Person	466	4.2930%	526.02	163.7386	2.0282%	173.7013	3,069	533.09
Vance	425	4.2930%	479.74	138.7076	2.0282%	147.1473	3,262	479.99
Warren	268	4.2930%	302.52	133.8661	2.0282%	142.0113	2,217	314.84
Region K Totals	2,365	4.2930%	2,669.59	155.9718	2.0282%	165.4619	16,707	2,769.85
Edgecombe	596	4.0251%	667.97	151.7312	2.7126%	164.0789	4,111	674.53
Halifax	590	4.0251%	661.24	139.2495	2.7126%	150.5815	4,360	656.54
Nash	984	4.0251%	1,102.82	156.2897	2.7126%	169.0085	6,706	1,133.37
Northampton	265	4.0251%	297.00	125.5924	2.7126%	135.8130	2,232	303.13
Wilson	1,192	4.0251%	1,335.94	216.1378	2.7126%	233.7270	5,950	1,390.68
Region L Totals	3,627	4.0251%	4,064.97	164.2217	2.7126%	177.5859	23,359	4,158.24
Cumberland *	2,171	0.5121%	2,204.36	145.6949	-2.1670%	136.2234	16,134	2,197.83
Harnett *	1,048	0.5121%	1,064.10	177.6572	-2.1670%	166.1078	6,687	1,110.76
Sampson	680	0.5121%	690.45	153.6376	-2.1670%	143.6497	4,691	673.86
Region M Totals	3,899	0.5121%	3,958.91	154.5628	-2.1670%	144.5147	27,512	3,982.45
Bladen	417	-3.3038%	375.67	158.9177	-4.7648%	136.2013	2,848	387.90
Hoke *	278	-3.3038%	250.45	170.3431	-4.7648%	145.9935	1,870	273.01
Richmond	399	-3.3038%	359.45	134.8884	-4.7648%	115.6069	3,084	356.53
Robeson	1,354	-3.3038%	1,219.80	197.8664	-4.7648%	169.5825	7,236	1,227.10
Scotland	235	-3.3038%	211.71	105.1925	-4.7648%	90.1558	2,335	210.51
Region N Totals	2,683	-3.3038%	2,417.08	164.6922	-4.7648%	141.1503	17,373	2,455.05
Brunswick	1,639	5.1443%	1,891.95	150.3670	1.0668%	155.1793	14,081	2,185.08
Columbus	863	5.1443%	996.19	211.9352	1.0668%	218.7180	4,276	935.24
New Hanover *	2,646	5.1443%	3,054.35	184.4159	1.0668%	190.3180	16,130	3,069.83
Pender *	632	5.1443%	729.54	164.4549	1.0668%	169.7181	4,352	738.61
Region O Totals	5,780	5.1443%	6,672.02	174.2906	1.0668%	179.8687	38,839	6,928.76

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.
A projected deficit of 325 patients is the threshold of need for a new home health agency.

Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 75 and Over								
County	Home Health Patients in 2015	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2018	Geographic Unit's Use Rate per 1000 in 2015	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2018	Projected 2018 Population	Potential Home Health Patients in 2018
Carteret *	851	5.4440%	989.98	137.7691	3.0811%	150.5036	6,953	1,046.45
Craven *	1,015	5.4440%	1,180.77	129.7622	3.0811%	141.7566	8,259	1,170.77
Duplin	758	5.4440%	881.80	179.4083	3.0811%	195.9916	4,602	901.95
Greene	187	5.4440%	217.54	144.0678	3.0811%	157.3845	1,365	214.83
Jones	111	5.4440%	129.13	129.0698	3.0811%	141.0001	895	126.20
Lenoir	912	5.4440%	1,060.95	199.0397	3.0811%	217.4376	4,704	1,022.83
Onslow *	1,238	5.4440%	1,440.19	181.4451	3.0811%	198.2167	7,557	1,497.92
Pamlico	108	5.4440%	125.64	72.0480	3.0811%	78.7077	1,685	132.62
Wayne *	1,535	5.4440%	1,785.70	191.2296	3.0811%	208.9056	8,408	1,756.48
Region P Totals	6,715	5.4440%	7,811.69	162.5396	3.0811%	177.5637	44,428	7,870.05
Beaufort	522	2.1240%	555.26	125.2399	0.2657%	126.2384	4,671	589.66
Bertie	244	2.1240%	259.55	138.7941	0.2657%	139.9006	1,727	241.61
Hertford	165	2.1240%	175.51	85.5809	0.2657%	86.2632	2,018	174.08
Martin	368	2.1240%	391.45	183.2669	0.2657%	184.7280	2,091	386.27
Pitt	1,326	2.1240%	1,410.49	161.0983	0.2657%	162.3826	8,939	1,451.54
Region Q Totals	2,625	2.1240%	2,792.27	145.0837	0.2657%	146.2404	19,446	2,843.15
Camden	69	-0.7198%	67.51	111.4701	-3.2895%	100.4696	735	73.85
Chowan	150	-0.7198%	146.76	102.1103	-3.2895%	92.0334	1,558	143.39
Currituck	213	-0.7198%	208.40	160.7547	-3.2895%	144.8905	1,591	230.52
Dare	299	-0.7198%	292.54	117.5777	-3.2895%	105.9744	2,914	308.81
Gates	109	-0.7198%	106.65	122.7477	-3.2895%	110.6343	969	107.20
Hyde	41	-0.7198%	40.11	96.0187	-3.2895%	86.5431	455	39.38
Pasquotank *	303	-0.7198%	296.46	122.7715	-3.2895%	110.6557	2,608	288.59
Perquimans	124	-0.7198%	121.32	83.6707	-3.2895%	75.4136	1,729	130.39
Tyrrell	30	-0.7198%	29.35	77.5194	-3.2895%	69.8693	401	28.02
Washington	130	-0.7198%	127.19	110.5442	-3.2895%	99.6351	1,255	125.04
Region R Totals	1,468	-0.7198%	1,436.30	114.8310	-3.2895%	103.4989	14,215	1,475.19
Grand Totals	100,081	2.0069%	106,725.88	164.4138	-0.4449%	162.2196	673,906	110,014.40

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.
A projected deficit of 325 patients is the threshold of need for a new home health agency.

Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Need Projections

County	Placeholder Adjustments for Agencies Under Development	Adjusted Potential Total People Served	Projected Utilization in 2018	Surplus or Deficit ("-" = Deficit)	Need for New Agencies or Offices
Cherokee	0	903.89	894.28	9.61	0
Clay	0	350.71	346.40	4.31	0
Graham	0	143.74	142.74	0.99	0
Haywood	0	1,959.90	1,933.41	26.49	0
Jackson	0	751.01	757.18	-6.18	0
Macon	0	872.90	875.15	-2.25	0
Swain	0	200.14	199.02	1.12	0
Region A Totals	0	5,182.29	5,148.18	34.11	
Buncombe	0	6,735.74	6,777.00	-41.26	0
Henderson	0	3,459.70	3,456.89	2.82	0
Madison	0	663.84	668.02	-4.17	0
Transylvania	0	1,195.77	1,194.28	1.49	0
Region B Totals	0	12,055.05	12,096.19	-41.13	
Cleveland	0	3,713.78	3,730.94	-17.16	0
McDowell	0	1,611.25	1,619.39	-8.14	0
Polk	0	546.21	551.19	-4.97	0
Rutherford	0	1,896.54	1,865.06	31.49	0
Region C Totals	0	7,767.79	7,766.57	1.22	
Alleghany	0	207.50	206.55	0.95	0
Ashe	0	916.82	910.26	6.56	0
Avery	0	699.87	689.20	10.66	0
Mitchell	0	750.06	738.52	11.54	0
Watauga	0	843.93	872.13	-28.20	0
Wilkes	0	2,187.94	2,178.10	9.84	0
Yancey	0	873.95	859.28	14.67	0
Region D Totals	0	6,480.07	6,454.04	26.02	
Alexander	0	1,217.39	1,267.21	-49.82	0
Burke	0	2,851.55	2,833.06	18.49	0
Caldwell	0	2,674.84	2,670.92	3.92	0
Catawba	0	5,845.05	5,881.37	-36.31	0
Region E Totals	0	12,588.83	12,652.55	-63.72	
Anson	0	788.23	750.33	37.90	0
Cabarrus	0	5,139.55	5,252.07	-112.52	0
Gaston	0	7,502.13	7,286.61	215.51	0
Iredell	0	4,335.21	4,340.38	-5.18	0
Lincoln	0	2,647.82	2,648.55	-0.72	0
Mecklenburg *	0	18,783.91	19,344.71	-560.80	1
Rowan	0	3,984.66	3,793.77	190.89	0
Stanly	0	2,067.83	2,005.81	62.02	0
Union	0	3,648.48	3,818.86	-170.38	0
Region F Totals	0	48,897.81	49,241.09	-343.28	

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population. A projected deficit of 325 patients is the threshold for a new home health agency.

Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Need Projections

County	Placeholder Adjustments for Agencies Under Development	Adjusted Potential Total People Served	Projected Utilization in 2018	Surplus or Deficit ("-" = Deficit)	Need for New Agencies or Offices
Alamance	0	4,028.04	4,087.24	-59.20	0
Caswell	0	715.14	712.22	2.92	0
Davidson	0	3,960.89	3,954.49	6.40	0
Guilford	0	11,854.77	11,994.22	-139.45	0
Montgomery	0	1,117.97	1,119.62	-1.65	0
Randolph	0	4,578.44	4,597.46	-19.02	0
Rockingham	0	2,646.45	2,602.19	44.25	0
Region G Totals	0	28,901.69	29,067.43	-165.75	
Davie	0	1,332.08	1,337.88	-5.80	0
Forsyth	325	9,940.24	9,790.01	150.24	0
Stokes	0	1,304.00	1,311.23	-7.23	0
Surry	0	2,267.23	2,238.46	28.77	0
Yadkin	0	1,096.59	1,066.09	30.49	0
Region I Totals	325	15,940.13	15,743.67	196.46	
Chatham	0	1,340.47	1,371.48	-31.01	0
Durham	0	5,200.69	5,205.77	-5.08	0
Johnston	0	3,437.37	3,494.01	-56.64	0
Lee	0	1,531.65	1,435.79	95.86	0
Moore *	0	2,364.89	2,272.24	92.65	0
Orange	0	2,145.56	2,198.65	-53.09	0
Wake *	325	17,326.88	17,646.89	-320.01	0
Region J Totals	325	33,347.51	33,624.83	-277.32	
Franklin	0	1,863.60	1,922.77	-59.17	0
Granville	0	1,165.21	1,182.99	-17.78	0
Person	0	1,106.58	1,098.72	7.87	0
Vance	0	1,116.44	1,096.84	19.60	0
Warren	0	656.79	653.97	2.82	0
Region K Totals	0	5,908.63	5,955.30	-46.66	
Edgecombe	0	1,634.39	1,643.07	-8.69	0
Halifax	0	1,408.78	1,390.14	18.64	0
Nash	0	2,429.41	2,461.39	-31.98	0
Northampton	0	571.87	563.94	7.93	0
Wilson	0	2,991.98	3,081.11	-89.13	0
Region L Totals	0	9,036.42	9,139.66	-103.23	
Cumberland *	0	4,605.34	4,582.09	23.25	0
Harnett *	0	2,207.17	2,276.06	-68.89	0
Sampson	0	1,448.06	1,412.95	35.10	0
Region M Totals	0	8,260.57	8,271.10	-10.53	
Bladen	0	1,055.07	1,061.86	-6.79	0
Hoke *	0	649.18	701.03	-51.85	0
Richmond	0	1,018.52	1,005.26	13.26	0
Robeson	0	3,717.80	3,707.74	10.05	0
Scotland	0	689.15	678.01	11.13	0
Region N Totals	0	7,129.71	7,153.91	-24.19	

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.
A projected deficit of 325 patients is the threshold for a new home health agency.

Table 12C: 2018 Need Projections for Medicare-certified Home Health Agencies or Offices

Need Projections

County	Placeholder Adjustments for Agencies Under Development	Adjusted Potential Total People Served	Projected Utilization in 2018	Surplus or Deficit ("-" = Deficit)	Need for New Agencies or Offices
Brunswick	0	4,423.66	4,682.24	-258.58	0
Columbus	0	2,618.09	2,486.43	131.66	0
New Hanover *	0	6,350.08	6,336.71	13.37	0
Pender *	0	1,694.34	1,703.79	-9.45	0
Region O Totals	0	15,086.18	15,209.17	-123.00	
Carteret *	0	1,759.29	1,808.81	-49.52	0
Craven *	0	2,363.43	2,360.30	3.13	0
Duplin	0	1,779.27	1,809.98	-30.71	0
Greene	0	495.62	501.19	-5.57	0
Jones	0	293.41	291.74	1.67	0
Lenoir	0	2,306.94	2,269.62	37.32	0
Onslow *	0	3,322.68	3,402.67	-79.99	0
Pamlico	0	240.23	244.57	-4.34	0
Wayne *	0	3,721.47	3,724.68	-3.21	0
Region P Totals	0	16,282.35	16,413.56	-131.21	
Beaufort	0	1,362.47	1,371.00	-8.53	0
Bertie	0	559.92	528.44	31.48	0
Hertford	0	429.13	425.01	4.12	0
Martin	0	875.69	855.56	20.13	0
Pitt	0	3,663.56	3,739.61	-76.05	0
Region Q Totals	0	6,890.77	6,919.61	-28.85	
Camden	0	196.02	201.08	-5.06	0
Chowan	0	333.83	323.23	10.60	0
Currituck	0	568.86	602.85	-33.99	0
Dare	0	690.60	702.31	-11.71	0
Gates	0	303.87	298.30	5.57	0
Hyde	0	82.74	82.23	0.51	0
Pasquotank *	0	870.34	851.64	18.70	0
Perquimans	0	333.50	327.30	6.20	0
Tyrrell	0	77.00	73.39	3.61	0
Washington	0	332.09	321.10	10.98	0
Region R Totals	0	3,788.84	3,783.43	5.41	
Grand Totals	650	243,544.65	244,640.29	-1,095.64	1

* Adjustments for active duty military personnel have been applied to the Ages 18-64 population. A projected deficit of 325 patients is the threshold for a new home health agency.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is a need for one additional Medicare-certified home health agency or office in Mecklenburg County as shown in Table 12D.

Table 12D: Medicare-certified Home Health Agency or Office Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the county listed in the table below needs an 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
Mecklenburg	III	1	April 17, 2017	May 1, 2017
It is determined that there is no need for additional Medicare-certified home health agencies or offices anywhere 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 2016, there were 242 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 2016 licensure renewal applications indicate that 44,246 hospice patients were served in 2014-2015.

There are 42 hospice inpatient facilities (comprising 446 licensed beds) in North Carolina, providing acute symptom control and pain management for hospice patients. Of the 42 facilities, 39 are free-standing hospice inpatient units in Alamance, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Carteret, Catawba, Cleveland, Columbus, Davidson, Durham, Forsyth, Gaston, Guilford, Haywood, Henderson, Iredell, Johnston, Mecklenburg, Moore, New Hanover, Orange, Pitt, Randolph, Richmond, Robeson, Rockingham, Rowan, Rutherford, Scotland, Surry, Union, Wake and Wayne counties. There are three hospitals that have hospice inpatient units as part of the hospital; two are in Mecklenburg County and the other is in Robeson County. Hospice inpatient facilities in Chatham, Lincoln, Macon, Mecklenburg, Robeson, Wake and Yadkin counties will be adding a total of 54 beds after licensing.

There are 25 hospice residential facilities (comprising 162 licensed beds) currently providing residential hospice care for patients who have frail and elderly caregivers or who live alone. These facilities are in Alamance, Buncombe, Burke, Cabarrus, Caldwell, Carteret, Catawba, Cleveland, Davidson, Forsyth, Gaston, Guilford, Johnston, Randolph, Rockingham, Rowan, Rutherford, Scotland, Surry, Union, Wake and Wayne counties. Hospice residential facilities are being developed in Chatham and Yadkin counties.

Changes from the Previous Plan

For the North Carolina 2017 State Medical Facilities Plan, references to dates have been advanced one year.

Basic Assumptions of the Method

Hospice Home Care Offices:

1. County mortality (death) rates for the most recent years (2010-2014) are used as the basis for hospice patient need projection. The five-year death rate for 2010-2014 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 two-year 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 two-year 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. A two-year trailing average statewide inpatient utilization rate of the 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 2017 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 category of "Employment Status-Armed Forces" in the "Selected Economic Characteristics" portion of the 2014 American Community Survey 5-year Estimates.

Number of Deaths and Death Rates:

Deaths and death rates are from “Selected Vital Statistics for 2014 and 2010-2014, 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 “2016 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 2010-2014 death rate/1,000 population is entered.
- Step 2: The estimated 2018 population of each county is entered with adjustments for the counties with more than 500 active duty military personnel.
- Step 3: Projected 2018 deaths for each county is calculated by multiplying the county death rate (Step 1) by the 2018 estimated population (Step 2) divided by 1,000.
- 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 Number Deaths Served	Growth
2013	35,357	
2014	36,596	3.5%
2015	39,164	7.0%
Two-Year Trailing Average Growth Rate		5.3%

- Step 6a: 2018 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) (Number of reported deaths x 105.3% x 105.3% x 105.3%).
- Step 6b: 2018 number of hospice deaths served limited to 60 percent is calculated by multiplying the projected 2018 deaths for each county (Step 2) by 60 percent.

- Step 6c: Projected 2018 number of hospice deaths served is determined to be the lower of:
- a. Projected 2018 number of hospice deaths served at two-year trailing average growth rate (Step 6a), or;
 - b. Projected 2018 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
2013	39.55%	
2014	37.27%	-5.8%
2015	41.36%	11.0%
Two Year Trailing Average Growth Rate		2.6%

- 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 102.6% x 102.6% x 102.6%).
- Step 9: Median projected 2018 hospice deaths is calculated by multiplying projected 2018 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. The 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 2018 hospice deaths (Step 9) for each county from the projected 2018 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 2018 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
2013	41,067	
2014	41,391	0.8%
2015	44,246	6.9%
Two-Year Trailing Average Growth Rate		3.8%

Step 5: Total 2020 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 103.8% x 103.8% x 103.8% x 103.8% x 103.8%).

Step 6a: 2020 days of care at the county ALOS is calculated by multiplying the total admissions (Step 5) by the ALOS per admission for each county (Step 3).

Step 6b: 2020 days of care at the statewide ALOS is calculated by multiplying the total admissions (Step 5) by the statewide median ALOS per admission.

Step 6c: Projected 2020 days of care for inpatient estimates is determined to be the lower of:

- a. 2020 days of care at the county ALOS (Step 6a), or;
- b. 2020 days of care at the statewide ALOS (Step 6b).

Step 7: Projected 2020 inpatient days is calculated for each county by multiplying the projected 2020 days of care for inpatient estimates (Step 6c) by the two-year trailing average statewide inpatient utilization rate.

Year	General Inpatient Days of Care	Statewide Total Days of Care	Two Year Trailing Average Statewide Inpatient Utilization Rate
2014	115,438	3,056,017	
2015	123,992	3,231,700	
Totals	239,430	6,287,717	3.81%

Step 8: Projected inpatient hospice beds is calculated by dividing 2020 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 2016 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 Certificate of Need to arrange pre-application conferences prior to submission of applications.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
Agencies or Offices serving residents of Alamance					
HOS1136	Alamance	Hospice Home of Alamance Caswell	905	77,774	804
HOS3063	Alamance	Community Home Care and Hospice	23	4,581	13
HOS3049	Alamance	Liberty Home Care and Hospice	21	3,186	15
HOS0021	Durham	Duke Hospice	21	1,342	16
HOS3823	Alamance	Amedisys Hospice	17	1,187	11
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	12	900	3
HOS2983	Chatham	Community Home Care & Hospice	3	717	7
HOS0370	Chatham	UNC Hospice	5	511	1
HOS3149	Chatham	Liberty Home Care and Hospice	1	397	3
HOS3148	Guilford	Hospice & Palliative Care Greensboro	6	190	6
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	1	87	1
HC0374	Guilford	Hospice and Palliative Care of Greensboro	4	72	4
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	4	46	5
HOS3086	Lee	Liberty Home Care and Hospice	1	28	1
HOS4307	Randolph	The Randolph Hospice House	1	14	2
HOS4736	Randolph	Hospic of Randolph County	1	12	1
HOS1581	Guilford	Hospice of the Piedmont, Inc.	1	2	1
HOS0372	Davidson	Hospice of Davidson County, Inc.	1	1	1
HOS3304	Durham	Liberty Home Care and Hospice	0	1	0
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	1	1	1
HOS4088	Johnston	SECU Hospice House of Johnston Health	1	1	1
Alamance Totals			1,030	91,050	897
Agencies or Offices serving residents of Alexander					
HOS0367	Catawba	Catawba Regional Hospice	51	7,339	35
HC0362	Alexander	Hospice and Home Care of Alexander County, Inc.	58	4,556	47
HOS0387	Iredell	Hospice of Iredell County, Inc.	33	2,695	17
HOS3273	Iredell	Community Home Care and Hospice	3	524	0
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	8	297	7
HOS3181	Iredell	Gordon Hospice House	19	289	31
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	2	13	2
HOS3084	Davie	Hospice & Palliative CareCenter	1	4	2
HOS0407	Wilkes	Wake Forest Baptist HealthCare at HomeHospice-Wilkes	1	3	1
Alexander Totals			176	15,720	142
Agencies or Offices serving residents of Alleghany					
HOS1123	Alleghany	Medi Home Health and Hospice	61	12,896	49
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	7	1,134	4
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	7	77	8
HOS0404	Surry	Mountain Valley Hospice and Palliative Care	0	32	0
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	1	7	0
HOS3084	Davie	Hospice & Palliative CareCenter	0	3	1
Alleghany Totals			76	14,149	62
Agencies or Offices serving residents of Anson					
HOS1898	Anson	Hospice Services of Anson County	44	4,512	58
HOS3064	Anson	Liberty Home Care and Hospice	27	2,525	19

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS0405	Union	Hospice of Union County	7	867	9
HC1869	Anson	Anson Community Hospice, Inc.	19	573	16
HC0424	Richmond	Richmond County Hospice, Inc.	19	573	16
HOS3007	Richmond	Community Home Care and Hospice	2	276	2
HOS0402	Stanly	Hospice of Stanly County, Inc.	4	111	4
HOS3199	Montgomery	Community Home Care and Hospice	2	90	2
HOS4477	Moore	FirstHealth Hospice House	2	26	1
HOS0417	Columbus	Lower Cape Fear Hospice and Life CareCenter	1	11	0
HOS3031	Scotland	Scotland Regional Hospice	1	9	0
Anson Totals			128	9,573	127
Agencies or Offices serving residents of Ashe					
HOS1124	Ashe	Medi Home Health and Hospice	135	12,152	106
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	5	986	5
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	18	801	13
HOS0405	Union	Hospice of Union County	2	10	2
HOS3084	Davie	Hospice & Palliative CareCenter	1	5	3
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	1	4	1
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	2	4	2
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	3	1
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	1	2	1
Ashe Totals			166	13,967	134
Agencies or Offices serving residents of Avery					
HOS0363	Avery	Medi Home Hospice	88	9,516	60
HOS0832	Mitchell	Hospice & Palliative Care Center of the Blue Ridge, Inc.	18	2,390	14
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	11	253	11
HOS3084	Davie	Hospice & Palliative CareCenter	2	11	2
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	1	10	2
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	10	1
Avery Totals			121	12,190	90
Agencies or Offices serving residents of Beaufort					
HOS2516	Beaufort	Community Home Care & Hospice	101	11,297	91
HOS0331	Pitt	AseraCare Hospice	86	8,292	76
HOS1711	Pitt	Vidant Home Health and Hospice	31	1,208	23
HOS3347	Craven	PruittHealth Hospice-New Bern	2	796	1
HOS4596	Washington	Amedisys Hospice Care	13	749	0
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	2	58	2
HOS0394	Pamlico	Hospice of Pamlico County, Inc.	2	40	1
HOS0405	Union	Hospice of Union County	1	3	1
Beaufort Totals			238	22,443	195
Agencies or Offices serving residents of Bertie					
HOS3008	Martin	Community Home Care & Hospice	26	3,519	16
HOS0425	Hertford	Vidant Home Health and Hospice	33	2,244	21
HOS4596	Washington	Amedisys Hospice Care	3	147	0
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	3	69	3
HOS0331	Pitt	AseraCare Hospice	1	20	1

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
Bertie Totals			66	5,999	41
Agencies or Offices serving residents of Bladen					
HOS0415	Bladen	Lower Cape Fear Hospice and Life CareCenter	92	8,174	84
HOS3011	Columbus	Community Home Care and Hospice	19	3,489	17
HOS2007	Columbus	Liberty Home Care and Hospice	27	3,173	21
HOS2003	Bladen	Liberty Home Care and Hospice	3	325	2
HOS1945	Bladen	Community Home Care and Hospice	3	325	2
HOS1599	Robeson	Southeastern Hospice	17	294	15
HOS4799	Cumberland	Cape Fear Valley Hospice and Palliative Care	1	148	1
HC4027	Robeson	Amedisys Hospice Care	2	91	1
HOS3066	Robeson	Liberty Home Care and Hospice	1	43	0
HC0359	Cumberland	HealthKeeperz	1	35	1
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	1	22	1
HOS2861	Robeson	Native Angels Hospice	1	14	0
HOS3346	Johnston	PruittHealth Hospice-Smithfield	1	4	1
Bladen Totals			169	16,137	146
Agencies or Offices serving residents of Brunswick					
HOS0414	Brunswick	Lower Cape Fear Hospice, and Life CareCenter	572	36,212	567
HOS4018	Brunswick	Amedisys Hospice Care	62	9,176	36
HOS2006	Brunswick	Liberty Home Care and Hospice	67	6,435	55
HOS3010	Brunswick	Community Home Care and Hospice	27	1,949	22
HOS4477	Moore	FirstHealth Hospice House	1	27	1
HOS4088	Johnston	SECU Hospice House of Johnston Health	2	8	1
Brunswick Totals			731	53,807	682
Agencies or Offices serving residents of Buncombe					
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	1,246	89,737	1,124
HOS0386	Henderson	Four Seasons Compassions for Life	122	15,710	117
HC0419	Madison	Madison Home Care and Hospice	8	1,230	6
HOS2143	Henderson	Four Seasons Compassion for Life	55	646	85
HOS0400	Rutherford	Hospice of Rutherford County, Inc.	1	397	2
HOS0390	Macon	Four Seasons Compassion for Life	0	211	1
HOS1153	McDowell	Hospice of McDowell County, Inc.	2	173	3
HC0067	Transylvania	Transylvania Home Care and Hospice	0	17	0
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	9	1
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	0	9	0
HOS0372	Davidson	Hospice of Davidson County, Inc.	1	5	1
Buncombe Totals			1,436	108,144	1,340
Agencies or Offices serving residents of Burke					
HOS0364	Burke	Burke Hospice and Palliative Care, Inc.	536	42,226	466
HOS0367	Catawba	Catawba Regional Hospice	52	10,299	21
HOS0363	Avery	Medi Home Hospice	3	725	4
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	10	233	9
HOS0832	Mitchell	Hospice & Palliative Care Center of the Blue Ridge, Inc.	4	64	3
HOS3273	Iredell	Community Home Care and Hospice	1	27	1
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	1	16	1

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	3	9	3
HOS1153	McDowell	Hospice of McDowell County, Inc.	1	8	0
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	1	3	0
HOS3084	Davie	Hospice & Palliative CareCenter	1	2	1
HOS4614	Forsyth	Hospice & Palliative CareCenter	1	1	1
Burke Totals			614	53,613	510
Agencies or Offices serving residents of Cabarrus					
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	589	46,391	642
HOS3116	Union	Community Home Care and Hospice	46	6,694	41
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	56	5,717	50
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	26	2,383	21
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	19	1,842	13
HOS0402	Stanly	Hospice of Stanly County, Inc.	5	563	3
HOS3199	Montgomery	Community Home Care and Hospice	2	151	2
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	14	136	12
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	10	112	9
HOS2425	Rowan	Rowan Hospice & Palliative Care, LLC	3	45	3
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	1	9	1
HOS3273	Iredell	Community Home Care and Hospice	1	8	1
HOS0405	Union	Hospice of Union County	0	8	1
HOS3181	Iredell	Gordon Hospice House	1	4	1
HOS4614	Forsyth	Hospice & Palliative CareCenter	1	2	1
HOS4599	Rowan	Glenn A. Kiser Hospice House	1	1	1
Cabarrus Totals			775	64,066	802
Agencies or Offices serving residents of Caldwell					
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	506	45,950	465
HOS0367	Catawba	Catawba Regional Hospice	22	2,515	5
HOS0364	Burke	Burke Hospice and Palliative Care, Inc.	10	956	10
HOS3273	Iredell	Community Home Care and Hospice	1	23	1
HOS3084	Davie	Hospice & Palliative CareCenter	2	12	5
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	0	2	1
HOS4614	Forsyth	Hospice & Palliative CareCenter	1	1	1
Caldwell Totals			542	49,459	488
Agencies or Offices serving residents of Camden					
HOS3301	Pasquotank	Community Home Care and Hospice	2	625	2
HOS1677	Pasquotank	Albemarle Hospice	22	540	20
Camden Totals			24	1,165	22
Agencies or Offices serving residents of Carteret					
HOS0613	Carteret	Carteret Health Care Home Health & Hospice	109	4,970	92
HOS4623	Carteret	SECU Crystal Coast Hospice House	154	2,897	137
HOS3006	Onslow	Community Home Care and Hospice	37	2,593	29
HOS3347	Craven	PruittHealth Hospice-New Bern	25	1,801	21
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	11	1,195	9
HC0506	Jones	3HC	31	1,068	7
HOS3048	Carteret	Liberty Home Care and Hospice	7	563	7

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HC1209	Onslow	Continuum Home Care and Hospice	3	281	4
HC0531	Onslow	Onslow County Home Health And Hospice	1	42	1
HC0228	Wayne	3HC	2	39	1
HOS3181	Iredell	Gordon Hospice House	1	22	1
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	13	1
Carteret Totals			382	15,484	310
Agencies or Offices serving residents of Caswell					
HOS1136	Alamance	Hospice Home of Alamance Caswell	84	5,950	74
HOS3823	Alamance	Amedisys Hospice	15	1,574	10
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	6	554	2
HOS3063	Alamance	Community Home Care and Hospice	6	204	4
HOS0398	Rockingham	Hospice of Rockingham County, Inc.	5	72	5
HOS3049	Alamance	Liberty Home Care and Hospice	1	65	2
Caswell Totals			117	8,419	97
Agencies or Offices serving residents of Catawba					
HOS0367	Catawba	Catawba Regional Hospice	986	72,308	968
HOS0364	Burke	Burke Hospice and Palliative Care, Inc.	21	2,788	14
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	17	2,176	16
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	33	1,041	29
HOS1338	Iredell	Hospice of Iredell County, Inc.	1	192	1
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	1	14	1
HOS3181	Iredell	Gordon Hospice House	1	10	2
HOS3084	Davie	Hospice & Palliative CareCenter	0	3	3
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	2	1
HOS0387	Iredell	Hospice of Iredell County, Inc.	1	1	1
HOS4614	Forsyth	Hospice & Palliative CareCenter	1	1	1
Catawba Totals			1,063	78,536	1,037
Agencies or Offices serving residents of Chatham					
HOS2983	Chatham	Community Home Care & Hospice	54	9,350	41
HOS0370	Chatham	UNC Hospice	126	7,322	111
HOS3149	Chatham	Liberty Home Care and Hospice	58	3,581	36
HOS0021	Durham	Duke Hospice	19	1,166	14
HOS3135	Chatham	Transitions LifeCare	12	547	9
HOS2281	Wake	Heartland Home Health Care and Hospice	1	440	1
HOS1136	Alamance	Hospice Home of Alamance Caswell	10	277	10
HOS4736	Randolph	Hospic of Randolph County	5	204	5
HOS3049	Alamance	Liberty Home Care and Hospice	1	186	0
HOS4307	Randolph	The Randolph Hospice House	11	152	16
HOS3086	Lee	Liberty Home Care and Hospice	1	124	0
HOS3346	Johnston	PruittHealth Hospice-Smithfield	3	112	2
HOS3147	Wake	Amedisys Hospice	3	59	2
HOS4477	Moore	FirstHealth Hospice House	5	42	6
HOS2034	Lee	Community Home Care and Hospice	1	34	1
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	1	18	1
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	5	1

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS3304	Durham	Liberty Home Care and Hospice	0	1	0
Chatham Totals			312	23,620	256
Agencies or Offices serving residents of Cherokee					
HC0275	Cherokee	Good Shepherd Home Health and Hospice Agency, Inc.	59	2,423	51
HOS0390	Macon	Four Seasons Compassion for Life	18	871	12
HOS4650	Jackson	Harris Palliative Care and Hospice	4	543	1
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	4	30	4
Cherokee Totals			85	3,867	68
Agencies or Offices serving residents of Chowan					
HOS3301	Pasquotank	Community Home Care and Hospice	18	1,753	18
HOS1677	Pasquotank	Albemarle Hospice	20	770	21
HOS0425	Hertford	Vidant Home Health and Hospice	11	586	8
HOS4596	Washington	Amedisys Hospice Care	3	324	0
Chowan Totals			52	3,433	47
Agencies or Offices serving residents of Clay					
HC0318	Clay	Good Shepherd Home Health and Hospice Agency, Inc.	31	1,244	27
HOS0390	Macon	Four Seasons Compassion for Life	11	235	10
HOS2143	Henderson	Four Seasons Compassion for Life	0	14	1
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	3	12	3
Clay Totals			45	1,505	41
Agencies or Offices serving residents of Cleveland					
HOS0371	Cleveland	Hospice Cleveland County	722	57,546	706
HOS0400	Rutherford	Hospice of Rutherford County, Inc.	17	2,397	13
HC0812	Gaston	Hospice of Gaston County, Inc.	10	702	5
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	7	672	5
HOS3116	Union	Community Home Care and Hospice	5	579	2
HOS0367	Catawba	Catawba Regional Hospice	1	153	1
Cleveland Totals			762	62,049	732
Agencies or Offices serving residents of Columbus					
HOS0417	Columbus	Lower Cape Fear Hospice and Life CareCenter	237	24,466	213
HOS3011	Columbus	Community Home Care and Hospice	38	7,631	20
HOS2007	Columbus	Liberty Home Care and Hospice	76	6,909	49
HOS3010	Brunswick	Community Home Care and Hospice	1	14	0
HOS1599	Robeson	Southeastern Hospice	2	10	2
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	1	9	0
HOS2006	Brunswick	Liberty Home Care and Hospice	0	1	0
Columbus Totals			355	39,040	284
Agencies or Offices serving residents of Craven					
HOS2302	Craven	Community Hospice LLC	101	9,262	89
HOS4682	Craven	Craven County Hospice	127	8,517	98
HOS3347	Craven	PruittHealth Hospice-New Bern	83	8,411	79
HC0506	Jones	3HC	55	2,953	29
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	28	2,706	17
HOS0331	Pitt	AseraCare Hospice	4	803	4
HOS2005	Onslow	Liberty Home Care and Hospice	13	787	9

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS0613	Carteret	Carteret Health Care Home Health & Hospice	5	334	2
HOS3048	Carteret	Liberty Home Care and Hospice	1	171	0
HOS4623	Carteret	SECU Crystal Coast Hospice House	12	105	13
HOS2996	Pitt	Community Home Care and Hospice	1	25	1
HC0228	Wayne	3HC	4	21	4
HOS2984	Lenoir	Community Home Care & Hospice	1	16	1
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	15	1
HOS3006	Onslow	Community Home Care and Hospice	0	12	0
HOS4088	Johnston	SECU Hospice House of Johnston Health	1	2	1
HOS4614	Forsyth	Hospice & Palliative CareCenter	1	1	1
Craven Totals			438	34,141	349
Agencies or Offices serving residents of Cumberland					
HOS4799	Cumberland	Cape Fear Valley Hospice and Palliative Care	174	14,988	122
HC1331	Cumberland	Community Home Care and Hospice	217	14,973	193
HC0359	Cumberland	HealthKeeperz	154	12,951	111
HOS3346	Johnston	PruittHealth Hospice-Smithfield	66	4,517	60
HOS2004	Cumberland	Liberty Home Care and Hospice	66	3,319	57
HC4027	Robeson	Amedisys Hospice Care	49	2,910	25
HC0255	Sampson	3HC	37	1,961	27
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	46	1,920	29
HOS3067	Harnett	Liberty Home Care and Hospice	7	382	3
HOS4477	Moore	FirstHealth Hospice House	14	155	11
HOS2060	Robeson	Community Home Care and Hospice	0	134	0
HOS2290	Hoke	Liberty Home Care and Hospice	1	88	0
HOS3054	Sampson	Liberty Home Care and Hospice	1	67	0
HOS2861	Robeson	Native Angels Hospice	3	46	1
HOS2048	Harnett	Community Home Care and Hospice	5	43	5
HOS4088	Johnston	SECU Hospice House of Johnston Health	8	42	5
HOS3007	Richmond	Community Home Care and Hospice	0	38	0
HOS0375	Harnett	Transitions LifeCare	3	37	3
HC0228	Wayne	3HC	6	29	5
HOS1599	Robeson	Southeastern Hospice	2	14	1
HOS3031	Scotland	Scotland Regional Hospice	1	6	0
Cumberland Totals			860	58,620	658
Agencies or Offices serving residents of Currituck					
HOS3301	Pasquotank	Community Home Care and Hospice	35	2,745	36
HOS1677	Pasquotank	Albemarle Hospice	54	1,548	47
Currituck Totals			89	4,293	83
Agencies or Offices serving residents of Dare					
HC0494	Dare	Dare Home Health & Hospice	80	5,359	69
HOS3302	Hyde	Community Home Care and Hospice	24	1,744	23
HOS3008	Martin	Community Home Care & Hospice	0	1	0
Dare Totals			104	7,104	92
Agencies or Offices serving residents of Davidson					
HOS0372	Davidson	Hospice of Davidson County, Inc.	639	41,052	618

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS1581	Guilford	Hospice of the Piedmont, Inc.	108	6,655	101
HOS4614	Forsyth	Hospice & Palliative CareCenter	67	5,567	54
HOS3075	Randolph	Community Home Care and Hospice	7	1,145	2
HOS2425	Rowan	Rowan Hospice & Palliative Care, LLC	15	812	7
HOS3051	Davidson	Liberty Home Care and Hospice	1	564	1
HOS3084	Davie	Hospice & Palliative CareCenter	9	522	11
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	12	342	22
HOS4736	Randolph	Hospic of Randolph County	3	311	2
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	4	83	0
HOS3823	Alamance	Amedisys Hospice	2	77	1
HOS4307	Randolph	The Randolph Hospice House	1	31	1
HOS4599	Rowan	Glenn A. Kiser Hospice House	1	13	3
HOS3295	Stokes	Hospice & Palliative CareCenter	1	5	1
HOS1303	Surry	Mountain Valley Hospice and Palliative Care	1	4	0
Davidson Totals			871	57,183	824
Agencies or Offices serving residents of Davie					
HOS3084	Davie	Hospice & Palliative CareCenter	148	11,771	136
HOS3051	Davidson	Liberty Home Care and Hospice	26	4,399	23
HOS0387	Iredell	Hospice of Iredell County, Inc.	7	818	3
HOS3273	Iredell	Community Home Care and Hospice	2	735	1
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	43	690	70
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	4	542	3
HOS4614	Forsyth	Hospice & Palliative CareCenter	2	337	3
HOS0372	Davidson	Hospice of Davidson County, Inc.	1	161	0
HOS4599	Rowan	Glenn A. Kiser Hospice House	10	56	9
HOS3181	Iredell	Gordon Hospice House	4	27	7
HOS3295	Stokes	Hospice & Palliative CareCenter	1	21	1
Davie Totals			248	19,557	256
Agencies or Offices serving residents of Duplin					
HC0053	Duplin	Vidant Home Health & Hospice	65	4,598	51
HC1844	Sampson	Community Home Care and Hospice	41	4,251	33
HOS3052	Pender	Lower Cape Fear Hospice and Life Care Center	51	2,464	46
HOS3345	Pitt	PruittHealth Hospice-Farmville	12	1,837	6
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	4	1,385	2
HC2361	Wayne	Community Home Care and Hospice	20	1,134	19
HC0195	Lenoir	3HC	6	870	6
HOS2984	Lenoir	Community Home Care & Hospice	6	387	6
HOS3010	Brunswick	Community Home Care and Hospice	0	185	1
HC0228	Wayne	3HC	8	131	8
HOS3054	Sampson	Liberty Home Care and Hospice	6	60	5
HC0255	Sampson	3HC	1	10	1
HOS4088	Johnston	SECU Hospice House of Johnston Health	1	7	1
HC1209	Onslow	Continuum Home Care and Hospice	0	6	1
Duplin Totals			221	17,325	186

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
Agencies or Offices serving residents of Durham					
HOS0021	Durham	Duke Hospice	389	25,960	312
HOS3126	Durham	Transitions LifeCare	72	5,646	57
HOS3304	Durham	Liberty Home Care and Hospice	42	4,480	28
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	346	3,583	400
HOS0370	Chatham	UNC Hospice	38	2,993	34
HOS3147	Wake	Amedisys Hospice	37	2,830	21
HOS1136	Alamance	Hospice Home of Alamance Caswell	21	2,711	10
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	41	2,579	30
HOS2281	Wake	Heartland Home Health Care and Hospice	21	2,488	16
HOS2997	Orange	Community Home Care and Hospice	14	752	7
HOS2223	Wake	Community Home Care & Hospice	1	676	3
HOS4088	Johnston	SECU Hospice House of Johnston Health	2	123	2
HOS3011	Columbus	Community Home Care and Hospice	0	10	0
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	1	4	1
Durham Totals			1,025	54,835	921
Agencies or Offices serving residents of Edgecombe					
HOS2424	Nash	Community Home Care & Hospice	53	4,759	44
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	23	1,729	13
HC0508	Wilson	3HC	29	1,494	24
HOS1711	Pitt	Vidant Home Health and Hospice	21	1,308	13
HOS0331	Pitt	AseraCare Hospice	21	1,109	22
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	21	683	20
HC0228	Wayne	3HC	6	50	4
HC0509	Pitt	3HC	1	37	0
HOS4088	Johnston	SECU Hospice House of Johnston Health	3	15	0
Edgecombe Totals			178	11,184	140
Agencies or Offices serving residents of Forsyth					
HOS4614	Forsyth	Hospice & Palliative CareCenter	870	69,310	812
HOS3295	Stokes	Hospice & Palliative CareCenter	176	14,303	160
HOS3273	Iredell	Community Home Care and Hospice	69	8,530	68
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	470	7,260	671
HOS3063	Alamance	Community Home Care and Hospice	57	6,760	18
HOS3051	Davidson	Liberty Home Care and Hospice	31	5,197	28
HOS3084	Davie	Hospice & Palliative CareCenter	42	1,513	49
HOS1581	Guilford	Hospice of the Piedmont, Inc.	30	1,307	30
HC0374	Guilford	Hospice and Palliative Care of Greensboro	6	1,146	4
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	14	549	9
HOS3823	Alamance	Amedisys Hospice	10	291	6
HOS1303	Surry	Mountain Valley Hospice and Palliative Care	5	165	3
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	6	162	0
HOS3148	Guilford	Hospice & Palliative Care Greensboro	1	68	0
HOS4599	Rowan	Glenn A. Kiser Hospice House	6	31	4
HOS0372	Davidson	Hospice of Davidson County, Inc.	3	27	3
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	2	22	2

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	2	9	2
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	8	1
HOS3181	Iredell	Gordon Hospice House	1	4	1
Forsyth Totals			1,802	116,662	1,871
Agencies or Offices serving residents of Franklin					
HOS3125	Franklin	Transitions LifeCare	76	3,959	74
HOS3826	Franklin	Amedisys Hospice	18	1,325	22
HOS2281	Wake	Heartland Home Health Care and Hospice	12	1,263	8
HOS2561	Vance	Community Home Care & Hospice	15	1,167	13
HOS0021	Durham	Duke Hospice	14	875	11
HOS2223	Wake	Community Home Care & Hospice	1	321	1
HOS2997	Orange	Community Home Care and Hospice	0	186	0
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	2	131	3
HOS4791	Granville	Gentiva Hospice	2	45	1
HOS3058	Wake	Liberty Home Care and Hospice	1	30	0
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	2	24	1
Franklin Totals			143	9,326	134
Agencies or Offices serving residents of Gaston					
HC0812	Gaston	Hospice of Gaston County, Inc.	729	44,270	555
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	120	10,391	102
HOS0371	Cleveland	Hospice Cleveland County	63	4,668	54
HOS3717	Gaston	Robin Johnson House - Gaston Hospice	217	3,624	294
HOS0367	Catawba	Catawba Regional Hospice	15	2,319	12
HOS3116	Union	Community Home Care and Hospice	22	1,805	11
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	3	494	2
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	21	483	18
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	14	205	14
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	0	5	0
HOS3084	Davie	Hospice & Palliative CareCenter	1	4	1
HOS0405	Union	Hospice of Union County	1	4	2
Gaston Totals			1,206	68,272	1,065
Agencies or Offices serving residents of Gates					
HOS1677	Pasquotank	Albemarle Hospice	25	524	21
HOS3301	Pasquotank	Community Home Care and Hospice	7	446	7
HOS0425	Hertford	Vidant Home Health and Hospice	2	135	1
Gates Totals			34	1,105	29
Agencies or Offices serving residents of Graham					
HOS4650	Jackson	Harris Palliative Care and Hospice	16	417	12
HOS0390	Macon	Four Seasons Compassion for Life	2	34	2
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	2	7	1
Graham Totals			20	458	15
Agencies or Offices serving residents of Granville					
HOS0021	Durham	Duke Hospice	66	4,200	54
HOS3826	Franklin	Amedisys Hospice	25	2,368	13
HOS2561	Vance	Community Home Care & Hospice	41	1,922	32

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS3304	Durham	Liberty Home Care and Hospice	3	485	2
HOS2281	Wake	Heartland Home Health Care and Hospice	5	421	5
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	6	406	2
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	6	67	6
HOS2997	Orange	Community Home Care and Hospice	1	24	1
HOS3133	Granville	Transitions LifeCare	2	15	2
Granville Totals			155	9,908	117
Agencies or Offices serving residents of Greene					
HOS2984	Lenoir	Community Home Care & Hospice	19	2,847	21
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	11	1,485	13
HOS3345	Pitt	PruittHealth Hospice-Farmville	8	1,006	3
HOS0331	Pitt	AseraCare Hospice	10	659	7
HC0195	Lenoir	3HC	11	485	6
HC0228	Wayne	3HC	4	321	6
HC0508	Wilson	3HC	1	115	0
HOS1711	Pitt	Vidant Home Health and Hospice	4	15	4
Greene Totals			68	6,933	60
Agencies or Offices serving residents of Guilford					
HC0374	Guilford	Hospice and Palliative Care of Greensboro	905	62,256	831
HOS3148	Guilford	Hospice & Palliative Care Greensboro	397	50,816	358
HOS1581	Guilford	Hospice of the Piedmont, Inc.	593	34,324	527
HOS3063	Alamance	Community Home Care and Hospice	84	11,497	34
HOS3075	Randolph	Community Home Care and Hospice	34	4,185	20
HOS1136	Alamance	Hospice Home of Alamance Caswell	66	3,805	59
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	22	3,185	17
HOS3823	Alamance	Amedisys Hospice	26	1,372	9
HOS4614	Forsyth	Hospice & Palliative CareCenter	21	1,015	18
HOS3049	Alamance	Liberty Home Care and Hospice	5	729	4
HOS3295	Stokes	Hospice & Palliative CareCenter	2	372	1
HOS0372	Davidson	Hospice of Davidson County, Inc.	5	202	5
HOS4736	Randolph	Hospic of Randolph County	4	182	2
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	11	119	11
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	2	43	1
HOS4307	Randolph	The Randolph Hospice House	9	41	11
HOS0398	Rockingham	Hospice of Rockingham County, Inc.	2	20	2
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	1	16	1
HOS3051	Davidson	Liberty Home Care and Hospice	1	6	0
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	2	5	2
HOS0405	Union	Hospice of Union County	1	2	1
Guilford Totals			2,193	174,192	1,914
Agencies or Offices serving residents of Halifax					
HOS3009	Halifax	Community Home Care and Hospice	82	7,665	69
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	36	5,056	35
HC0765	Halifax	Home Health and Hospice of Halifax	39	2,069	42
HOS3256	Halifax	Continuum Home Care & Hospice of Halifax County	21	1,258	21

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	13	333	13
HOS3008	Martin	Community Home Care & Hospice	0	93	0
HOS0331	Pitt	AseraCare Hospice	1	91	0
HOS0425	Hertford	Vidant Home Health and Hospice	1	58	1
HOS3125	Franklin	Transitions LifeCare	3	16	3
HOS2424	Nash	Community Home Care & Hospice	0	7	0
Halifax Totals			196	16,646	184
Agencies or Offices serving residents of Harnett					
HOS2048	Harnett	Community Home Care and Hospice	93	13,121	69
HOS3067	Harnett	Liberty Home Care and Hospice	84	9,125	67
HOS0375	Harnett	Transitions LifeCare	88	6,625	76
HOS3346	Johnston	PruittHealth Hospice-Smithfield	26	2,241	23
HOS2034	Lee	Community Home Care and Hospice	18	2,093	16
HC0255	Sampson	3HC	11	986	6
HC1331	Cumberland	Community Home Care and Hospice	4	477	5
HOS4088	Johnston	SECU Hospice House of Johnston Health	39	436	27
HOS2281	Wake	Heartland Home Health Care and Hospice	5	421	1
HOS3069	Johnston	Liberty Home Care and Hospice	2	362	0
HOS3086	Lee	Liberty Home Care and Hospice	11	271	7
HOS3147	Wake	Amedisys Hospice	2	248	2
HOS4799	Cumberland	Cape Fear Valley Hospice and Palliative Care	4	213	2
HC0359	Cumberland	HealthKeeperz	4	202	2
HOS3058	Wake	Liberty Home Care and Hospice	0	153	0
HC0228	Wayne	3HC	4	100	5
HOS0370	Chatham	UNC Hospice	1	91	0
HC0427	Moore	FirstHealth Hospice & Palliative Care	2	86	1
HOS4477	Moore	FirstHealth Hospice House	9	36	9
HOS3050	Moore	Liberty Home Care and Hospice	1	25	1
HC1844	Sampson	Community Home Care and Hospice	1	7	1
Harnett Totals			409	37,319	320
Agencies or Offices serving residents of Haywood					
HOS3825	Haywood	Haywood Hospice & Palliative Care	262	14,319	238
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	81	4,858	78
HOS0386	Henderson	Four Seasons Compassions for Life	24	1,249	21
HOS4650	Jackson	Harris Palliative Care and Hospice	3	147	1
HOS2143	Henderson	Four Seasons Compassion for Life	1	12	3
HOS0390	Macon	Four Seasons Compassion for Life	1	8	0
HOS3084	Davie	Hospice & Palliative CareCenter	0	1	1
Haywood Totals			372	20,594	342
Agencies or Offices serving residents of Henderson					
HOS0386	Henderson	Four Seasons Compassions for Life	594	44,720	385
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	52	4,089	48
HOS2143	Henderson	Four Seasons Compassion for Life	269	2,845	384
HC0067	Transylvania	Transylvania Home Care and Hospice	4	171	1
HOS0390	Macon	Four Seasons Compassion for Life	10	58	0

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	1	7	1
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	1	2	1
HOS3084	Davie	Hospice & Palliative CareCenter	1	2	1
Henderson Totals			932	51,894	821
Agencies or Offices serving residents of Hertford					
HOS0425	Hertford	Vidant Home Health and Hospice	60	2,126	44
HOS3008	Martin	Community Home Care & Hospice	3	624	5
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	9	533	6
HOS3009	Halifax	Community Home Care and Hospice	2	71	2
HOS1711	Pitt	Vidant Home Health and Hospice	1	19	0
Hertford Totals			75	3,373	57
Agencies or Offices serving residents of Hoke					
HOS2290	Hoke	Liberty Home Care and Hospice	39	4,668	25
HOS4799	Cumberland	Cape Fear Valley Hospice and Palliative Care	9	833	9
HC1331	Cumberland	Community Home Care and Hospice	8	705	6
HC0359	Cumberland	HealthKeeperz	4	427	1
HC4027	Robeson	Amedisys Hospice Care	3	380	1
HOS3031	Scotland	Scotland Regional Hospice	6	216	6
HOS4477	Moore	FirstHealth Hospice House	26	182	23
HC0427	Moore	FirstHealth Hospice & Palliative Care	1	144	1
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	2	98	2
HOS1599	Robeson	Southeastern Hospice	1	75	0
HOS0414	Brunswick	Lower Cape Fear Hospice, and Life CareCenter	1	2	1
Hoke Totals			100	7,730	75
Agencies or Offices serving residents of Hyde					
HOS3302	Hyde	Community Home Care and Hospice	17	2,162	21
HOS4596	Washington	Amedisys Hospice Care	5	137	0
HOS2516	Beaufort	Community Home Care & Hospice	1	25	1
HOS3008	Martin	Community Home Care & Hospice	0	6	0
Hyde Totals			23	2,330	22
Agencies or Offices serving residents of Iredell					
HOS0387	Iredell	Hospice of Iredell County, Inc.	297	27,905	162
HOS1338	Iredell	Hospice of Iredell County, Inc.	133	15,313	99
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	70	5,347	50
HOS3181	Iredell	Gordon Hospice House	201	3,375	318
HOS0367	Catawba	Catawba Regional Hospice	25	3,081	22
HOS3273	Iredell	Community Home Care and Hospice	9	1,389	8
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	11	752	10
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	6	487	4
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	33	473	33
HOS0407	Wilkes	Wake Forest Baptist HealthCare at HomeHospice-Wilkes	7	367	3
HOS3084	Davie	Hospice & Palliative CareCenter	9	356	9
HOS2425	Rowan	Rowan Hospice & Palliative Care, LLC	1	277	1
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	93	1
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	0	22	1

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS4307	Randolph	The Randolph Hospice House	1	12	1
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	8	1
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	4	1
HOS4599	Rowan	Glenn A. Kiser Hospice House	0	4	1
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	2	4	2
HOS4614	Forsyth	Hospice & Palliative CareCenter	1	2	1
Iredell Totals			809	59,271	728
Agencies or Offices serving residents of Jackson					
HOS4650	Jackson	Harris Palliative Care and Hospice	175	10,465	144
HOS0390	Macon	Four Seasons Compassion for Life	24	2,514	24
HC0067	Transylvania	Transylvania Home Care and Hospice	2	55	1
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	5	38	5
HOS2143	Henderson	Four Seasons Compassion for Life	0	28	0
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	3	1
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	1	2	1
Jackson Totals			208	13,105	176
Agencies or Offices serving residents of Johnston					
HOS3124	Johnston	Transitions LifeCare	70	5,670	60
HOS3069	Johnston	Liberty Home Care and Hospice	74	5,442	69
HC0383	Johnston	Johnston Health Home Care and Hospice	91	4,649	74
HC0507	Johnston	3HC	73	4,577	49
HOS2135	Johnston	Community Home Care & Hospice	63	4,310	51
HOS4088	Johnston	SECU Hospice House of Johnston Health	177	2,002	161
HOS3346	Johnston	PruittHealth Hospice-Smithfield	20	1,686	14
HOS2281	Wake	Heartland Home Health Care and Hospice	15	1,307	10
HOS3147	Wake	Amedisys Hospice	12	824	11
HC2361	Wayne	Community Home Care and Hospice	4	653	4
HC0228	Wayne	3HC	10	426	6
HOS2048	Harnett	Community Home Care and Hospice	3	423	5
HC1844	Sampson	Community Home Care and Hospice	7	222	4
HOS0408	Wilson	Hospice of Wilson Medical Center	15	163	16
HOS3067	Harnett	Liberty Home Care and Hospice	2	102	3
HOS2424	Nash	Community Home Care & Hospice	0	77	1
HOS0331	Pitt	AseraCare Hospice	1	76	1
HOS2223	Wake	Community Home Care & Hospice	0	26	0
HOS3058	Wake	Liberty Home Care and Hospice	1	11	1
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	9	1
HC0508	Wilson	3HC	1	7	0
HOS2241	Wilson	Community Home Care & Hospice	0	7	1
HOS2861	Robeson	Native Angels Hospice	0	3	1
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	1	1
Johnston Totals			641	32,673	544
Agencies or Offices serving residents of Jones					
HC0506	Jones	3HC	12	1,060	5
HOS3347	Craven	PruittHealth Hospice-New Bern	3	734	5

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS2302	Craven	Community Hospice LLC	3	646	4
HOS4682	Craven	Craven County Hospice	2	199	3
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	3	62	3
HOS3006	Onslow	Community Home Care and Hospice	2	55	2
HC0195	Lenoir	3HC	2	51	2
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	1	46	1
HC0228	Wayne	3HC	2	14	0
HOS4623	Carteret	SECU Crystal Coast Hospice House	1	5	0
Jones Totals			31	2,872	25
Agencies or Offices serving residents of Lee					
HOS2034	Lee	Community Home Care and Hospice	120	12,459	108
HOS3086	Lee	Liberty Home Care and Hospice	149	9,308	128
HOS0370	Chatham	UNC Hospice	14	1,262	14
HOS3067	Harnett	Liberty Home Care and Hospice	1	358	1
HOS3346	Johnston	PruittHealth Hospice-Smithfield	7	315	6
HOS3147	Wake	Amedisys Hospice	5	313	6
HOS2281	Wake	Heartland Home Health Care and Hospice	1	275	1
HOS4477	Moore	FirstHealth Hospice House	21	137	20
HC0427	Moore	FirstHealth Hospice & Palliative Care	1	108	1
HOS3050	Moore	Liberty Home Care and Hospice	0	72	0
HOS4799	Cumberland	Cape Fear Valley Hospice and Palliative Care	1	57	1
HOS0375	Harnett	Transitions LifeCare	3	48	2
HOS3149	Chatham	Liberty Home Care and Hospice	0	31	0
HOS4088	Johnston	SECU Hospice House of Johnston Health	1	4	1
Lee Totals			324	24,747	289
Agencies or Offices serving residents of Lenoir					
HC0195	Lenoir	3HC	96	5,618	73
HOS2984	Lenoir	Community Home Care & Hospice	53	4,978	39
HOS0331	Pitt	AseraCare Hospice	25	2,953	20
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	32	2,775	25
HOS3345	Pitt	PruittHealth Hospice-Farmville	22	2,344	16
HC2361	Wayne	Community Home Care and Hospice	5	868	4
HC0228	Wayne	3HC	23	411	19
HOS1711	Pitt	Vidant Home Health and Hospice	5	111	4
HC0053	Duplin	Vidant Home Health & Hospice	1	60	0
HOS3181	Iredell	Gordon Hospice House	1	9	1
HOS4088	Johnston	SECU Hospice House of Johnston Health	2	4	2
Lenoir Totals			265	20,131	203
Agencies or Offices serving residents of Lincoln					
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	254	26,299	212
HOS0367	Catawba	Catawba Regional Hospice	80	6,288	62
HC0812	Gaston	Hospice of Gaston County, Inc.	14	988	11
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	26	880	23
HOS0371	Cleveland	Hospice Cleveland County	7	418	4
HOS3273	Iredell	Community Home Care and Hospice	4	407	0

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS0405	Union	Hospice of Union County	2	90	2
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	1	76	1
HOS1338	Iredell	Hospice of Iredell County, Inc.	1	25	1
HOS3717	Gaston	Robin Johnson House - Gaston Hospice	2	25	0
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	1	13	1
HOS4599	Rowan	Glenn A. Kiser Hospice House	1	6	1
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	2	6	2
HOS3084	Davie	Hospice & Palliative CareCenter	0	1	1
Lincoln Totals			395	35,522	321
Agencies or Offices serving residents of Macon					
HC0324	Macon	Angel Home Health & Hospice	102	7,251	87
HOS0390	Macon	Four Seasons Compassion for Life	64	6,871	42
HOS4650	Jackson	Harris Palliative Care and Hospice	25	1,771	18
HOS0386	Henderson	Four Seasons Compassions for Life	2	69	0
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	9	47	8
HOS2143	Henderson	Four Seasons Compassion for Life	0	41	2
Macon Totals			202	16,050	157
Agencies or Offices serving residents of Madison					
HC0419	Madison	Madison Home Care and Hospice	45	5,575	36
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	79	4,327	72
HOS1027	Yancey	Yancey Hospice	0	19	1
HOS3295	Stokes	Hospice & Palliative CareCenter	1	15	1
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	0	14	1
Madison Totals			125	9,950	111
Agencies or Offices serving residents of Martin					
HOS3008	Martin	Community Home Care & Hospice	84	8,132	72
HOS1711	Pitt	Vidant Home Health and Hospice	17	1,082	13
HOS0331	Pitt	AseraCare Hospice	6	585	4
HOS4596	Washington	Amedisys Hospice Care	9	539	0
HOS2996	Pitt	Community Home Care and Hospice	3	147	4
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	1	118	0
HOS2516	Beaufort	Community Home Care & Hospice	0	2	0
Martin Totals			120	10,605	93
Agencies or Offices serving residents of McDowell					
HOS1153	McDowell	Hospice of McDowell County, Inc.	129	23,241	127
HOS0400	Rutherford	Hospice of Rutherford County, Inc.	54	7,362	57
HOS0363	Avery	Medi Home Hospice	6	1,833	4
HOS0364	Burke	Burke Hospice and Palliative Care, Inc.	17	1,628	10
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	25	205	22
HOS1027	Yancey	Yancey Hospice	0	184	1
HOS0367	Catawba	Catawba Regional Hospice	1	79	2
HOS0832	Mitchell	Hospice & Palliative Care Center of the Blue Ridge, Inc.	2	71	2
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	1	63	0
McDowell Totals			235	34,666	225

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
Agencies or Offices serving residents of Mecklenburg					
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	1,461	151,981	1,332
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	751	29,173	697
HOS1702	Mecklenburg	Hospice & Palliative Care Lake Norman	277	28,568	239
HOS3116	Union	Community Home Care and Hospice	105	15,288	67
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	471	9,764	459
HOS0405	Union	Hospice of Union County	138	7,751	140
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	36	1,855	37
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	18	1,303	12
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	5	669	3
HOS3064	Anson	Liberty Home Care and Hospice	9	620	13
HC0812	Gaston	Hospice of Gaston County, Inc.	8	552	6
HOS1338	Iredell	Hospice of Iredell County, Inc.	6	534	5
HOS0367	Catawba	Catawba Regional Hospice	2	197	1
HOS3181	Iredell	Gordon Hospice House	1	33	4
HOS1898	Anson	Hospice Services of Anson County	1	9	0
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	4	1
Mecklenburg Totals			3,290	248,301	3,016
Agencies or Offices serving residents of Mitchell					
HOS0832	Mitchell	Hospice & Palliative Care Center of the Blue Ridge, Inc.	121	17,607	98
HOS1027	Yancey	Yancey Hospice	1	603	1
HOS0363	Avery	Medi Home Hospice	5	437	3
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	11	83	8
Mitchell Totals			138	18,730	110
Agencies or Offices serving residents of Montgomery					
HOS3199	Montgomery	Community Home Care and Hospice	19	4,556	14
HC0427	Moore	FirstHealth Hospice & Palliative Care	60	4,415	37
HOS0402	Stanly	Hospice of Stanly County, Inc.	9	794	7
HOS4477	Moore	FirstHealth Hospice House	37	312	31
HOS4307	Randolph	The Randolph Hospice House	3	107	5
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	3	61	4
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	38	1
HOS3050	Moore	Liberty Home Care and Hospice	1	15	0
HOS0372	Davidson	Hospice of Davidson County, Inc.	1	8	1
HOS0405	Union	Hospice of Union County	1	2	1
HOS4736	Randolph	Hospic of Randolph County	11	0	4
Montgomery Totals			146	10,308	105
Agencies or Offices serving residents of Moore					
HC0427	Moore	FirstHealth Hospice & Palliative Care	448	37,996	339
HOS3050	Moore	Liberty Home Care and Hospice	42	6,997	45
HOS3007	Richmond	Community Home Care and Hospice	9	2,898	7
HOS4477	Moore	FirstHealth Hospice House	253	1,503	204
HOS3346	Johnston	PruittHealth Hospice-Smithfield	3	978	1
HC0424	Richmond	Richmond County Hospice, Inc.	9	702	9
HOS4736	Randolph	Hospic of Randolph County	2	119	2

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS2034	Lee	Community Home Care and Hospice	2	83	0
HC1331	Cumberland	Community Home Care and Hospice	0	79	0
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	1	68	1
HOS3199	Montgomery	Community Home Care and Hospice	1	39	0
HOS3075	Randolph	Community Home Care and Hospice	1	34	1
HOS2290	Hoke	Liberty Home Care and Hospice	1	31	0
HOS4307	Randolph	The Randolph Hospice House	1	15	1
HC4027	Robeson	Amedisys Hospice Care	1	14	1
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	3	10	3
HOS3149	Chatham	Liberty Home Care and Hospice	1	6	1
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	2	1
Moore Totals			779	51,574	616
Agencies or Offices serving residents of Nash					
HOS2424	Nash	Community Home Care & Hospice	79	10,338	63
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	125	6,610	113
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	45	3,252	36
HC0508	Wilson	3HC	26	1,626	24
HOS2241	Wilson	Community Home Care & Hospice	5	456	3
HOS0408	Wilson	Hospice of Wilson Medical Center	13	230	14
HOS2281	Wake	Heartland Home Health Care and Hospice	2	210	0
HOS3826	Franklin	Amedisys Hospice	4	139	6
HOS3125	Franklin	Transitions LifeCare	8	78	7
HC0228	Wayne	3HC	7	43	3
HOS0331	Pitt	AseraCare Hospice	1	43	1
HOS4088	Johnston	SECU Hospice House of Johnston Health	8	33	4
HOS1711	Pitt	Vidant Home Health and Hospice	2	8	1
HOS4623	Carteret	SECU Crystal Coast Hospice House	1	5	0
Nash Totals			326	23,071	275
Agencies or Offices serving residents of New Hanover					
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1,023	71,722	989
HOS2008	New Hanover	Liberty Home Care and Hospice	65	7,387	46
HOS3010	Brunswick	Community Home Care and Hospice	34	3,512	11
HOS4018	Brunswick	Amedisys Hospice Care	15	1,105	2
HOS3242	Pender	Continuum Home Care & Hospice of Pender County	4	624	5
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	1	27	0
HOS3011	Columbus	Community Home Care and Hospice	0	6	0
HOS1599	Robeson	Southeastern Hospice	1	1	1
New Hanover Totals			1,143	84,384	1,054
Agencies or Offices serving residents of Northampton					
HOS3009	Halifax	Community Home Care and Hospice	64	7,456	45
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	21	3,767	14
HOS3256	Halifax	Continuum Home Care & Hospice of Halifax County	6	1,375	6
HOS0425	Hertford	Vidant Home Health and Hospice	16	426	11
HC0765	Halifax	Home Health and Hospice of Halifax	2	290	4
HOS2424	Nash	Community Home Care & Hospice	1	10	0

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS1581	Guilford	Hospice of the Piedmont, Inc.	1	4	0
Northampton Totals			111	13,328	80
Agencies or Offices serving residents of Onslow					
HOS3052	Pender	Lower Cape Fear Hospice and Life Care Center	173	8,512	150
HC1209	Onslow	Continuum Home Care and Hospice	73	5,649	64
HOS3006	Onslow	Community Home Care and Hospice	51	5,536	32
HC0531	Onslow	Onslow County Home Health And Hospice	39	2,221	26
HOS2005	Onslow	Liberty Home Care and Hospice	47	1,297	41
HOS3347	Craven	PruittHealth Hospice-New Bern	7	841	6
HC0506	Jones	3HC	17	691	15
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	0	338	0
HC0053	Duplin	Vidant Home Health & Hospice	3	284	3
HOS0613	Carteret	Carteret Health Care Home Health & Hospice	3	258	2
HOS4623	Carteret	SECU Crystal Coast Hospice House	4	48	2
HC0195	Lenoir	3HC	1	34	0
HOS3048	Carteret	Liberty Home Care and Hospice	2	30	1
HOS3010	Brunswick	Community Home Care and Hospice	1	27	0
HC0228	Wayne	3HC	1	21	1
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	1	8	1
Onslow Totals			423	25,795	344
Agencies or Offices serving residents of Orange					
HOS0370	Chatham	UNC Hospice	133	8,607	116
HOS0021	Durham	Duke Hospice	110	7,059	78
HOS1136	Alamance	Hospice Home of Alamance Caswell	48	4,054	36
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	41	3,933	36
HOS3135	Chatham	Transitions LifeCare	36	2,649	29
HOS3147	Wake	Amedisys Hospice	25	1,981	12
HOS3304	Durham	Liberty Home Care and Hospice	18	1,215	9
HOS2281	Wake	Heartland Home Health Care and Hospice	11	842	6
HOS3823	Alamance	Amedisys Hospice	13	782	8
HOS2997	Orange	Community Home Care and Hospice	3	367	2
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	10	104	11
HOS2223	Wake	Community Home Care & Hospice	1	92	0
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	0	16	1
Orange Totals			449	31,701	344
Agencies or Offices serving residents of Pamlico					
HOS0394	Pamlico	Hospice of Pamlico County, Inc.	39	1,519	32
HOS3238	Craven	Continuum Home Care & Hospice of Craven County	3	504	4
HOS2302	Craven	Community Hospice LLC	2	456	3
HOS4682	Craven	Craven County Hospice	2	120	1
HOS3347	Craven	PruittHealth Hospice-New Bern	2	69	2
Pamlico Totals			48	2,668	42
Agencies or Offices serving residents of Pasquotank					
HOS1677	Pasquotank	Albemarle Hospice	122	4,395	106
HOS3301	Pasquotank	Community Home Care and Hospice	47	3,129	43

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
Pasquotank Totals			169	7,524	149
Agencies or Offices serving residents of Pender					
HOS3052	Pender	Lower Cape Fear Hospice and Life Care Center	272	20,264	258
HOS3010	Brunswick	Community Home Care and Hospice	23	2,226	12
HOS4018	Brunswick	Amedisys Hospice Care	3	407	0
HOS3242	Pender	Continuum Home Care & Hospice of Pender County	1	299	0
HOS3059	Pender	Liberty Home Care and Hospice	5	133	5
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	1	38	0
HOS3006	Onslow	Community Home Care and Hospice	2	34	1
HOS2005	Onslow	Liberty Home Care and Hospice	1	17	0
Pender Totals			308	23,418	276
Agencies or Offices serving residents of Perquimans					
HOS1677	Pasquotank	Albemarle Hospice	34	2,100	32
HOS3301	Pasquotank	Community Home Care and Hospice	10	354	9
HOS4596	Washington	Amedisys Hospice Care	2	131	0
Perquimans Totals			46	2,585	41
Agencies or Offices serving residents of Person					
HC0533	Person	Home Health and Hospice of Person County	93	6,116	75
HOS0021	Durham	Duke Hospice	48	3,033	35
HOS2997	Orange	Community Home Care and Hospice	11	852	9
HOS3304	Durham	Liberty Home Care and Hospice	8	246	4
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	3	244	4
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	5	53	6
HOS1136	Alamance	Hospice Home of Alamance Caswell	3	13	3
HOS3826	Franklin	Amedisys Hospice	1	11	0
Person Totals			172	10,568	136
Agencies or Offices serving residents of Pitt					
HOS2996	Pitt	Community Home Care and Hospice	104	9,802	86
HOS0331	Pitt	AseraCare Hospice	126	9,082	94
HOS3345	Pitt	PruittHealth Hospice-Farmville	44	5,751	41
HOS1711	Pitt	Vidant Home Health and Hospice	132	5,716	106
HC0509	Pitt	3HC	57	3,398	39
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	4	471	4
HOS4596	Washington	Amedisys Hospice Care	6	375	0
HC0508	Wilson	3HC	5	154	0
HOS2984	Lenoir	Community Home Care & Hospice	3	87	3
HOS2516	Beaufort	Community Home Care & Hospice	1	83	1
HOS2241	Wilson	Community Home Care & Hospice	1	56	1
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	1	41	1
HC0228	Wayne	3HC	5	40	1
HOS3008	Martin	Community Home Care & Hospice	0	24	0
HC0195	Lenoir	3HC	2	14	0
HOS4623	Carteret	SECU Crystal Coast Hospice House	1	7	0
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	4	1
HOS2424	Nash	Community Home Care & Hospice	0	3	0

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
Pitt Totals			493	35,108	378
Agencies or Offices serving residents of Polk					
HOS0396	Polk	Hospice of the Carolina Foothills, Inc.	146	18,136	166
HOS0386	Henderson	Four Seasons Compassions for Life	4	200	5
HOS2143	Henderson	Four Seasons Compassion for Life	9	124	11
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	1	1	1
Polk Totals			160	18,461	183
Agencies or Offices serving residents of Randolph					
HOS4736	Randolph	Hospic of Randolph County	377	38,668	274
HOS1581	Guilford	Hospice of the Piedmont, Inc.	109	5,904	100
HOS3075	Randolph	Community Home Care and Hospice	36	4,877	19
HOS4307	Randolph	The Randolph Hospice House	226	3,804	303
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	24	2,120	21
HOS2983	Chatham	Community Home Care & Hospice	11	1,258	5
HOS0372	Davidson	Hospice of Davidson County, Inc.	13	973	12
HC0374	Guilford	Hospice and Palliative Care of Greensboro	7	703	11
HOS1136	Alamance	Hospice Home of Alamance Caswell	1	438	2
HOS3149	Chatham	Liberty Home Care and Hospice	2	251	1
HOS3051	Davidson	Liberty Home Care and Hospice	3	226	3
HOS3049	Alamance	Liberty Home Care and Hospice	2	111	3
HOS4614	Forsyth	Hospice & Palliative CareCenter	4	51	4
HOS3823	Alamance	Amedisys Hospice	3	50	2
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	1	22	1
HOS4477	Moore	FirstHealth Hospice House	2	11	2
HOS3295	Stokes	Hospice & Palliative CareCenter	1	5	1
Randolph Totals			822	59,472	764
Agencies or Offices serving residents of Richmond					
HC0424	Richmond	Richmond County Hospice, Inc.	243	24,367	133
HOS3007	Richmond	Community Home Care and Hospice	48	16,369	31
HOS2138	Richmond	Hospice Haven of Richmond County	219	1,791	114
HOS3064	Anson	Liberty Home Care and Hospice	18	994	9
HOS3031	Scotland	Scotland Regional Hospice	16	479	15
HC0359	Cumberland	HealthKeeperz	1	201	0
HOS4477	Moore	FirstHealth Hospice House	19	116	17
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	3	94	2
HC4027	Robeson	Amedisys Hospice Care	1	49	1
HC4027	Moore	FirstHealth Hospice & Palliative Care	1	2	1
HOS3050	Moore	Liberty Home Care and Hospice	1	2	0
HOS0405	Union	Hospice of Union County	1	2	1
Richmond Totals			571	44,466	324
Agencies or Offices serving residents of Robeson					
HOS2060	Robeson	Community Home Care and Hospice	142	23,035	107
HOS1599	Robeson	Southeastern Hospice	260	7,298	237
HOS3031	Scotland	Scotland Regional Hospice	66	4,854	64
HC0359	Cumberland	HealthKeeperz	44	4,823	25

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS3066	Robeson	Liberty Home Care and Hospice	31	4,367	23
HC4027	Robeson	Amedisys Hospice Care	16	1,434	6
HOS4799	Cumberland	Cape Fear Valley Hospice and Palliative Care	12	1,147	8
HOS2290	Hoke	Liberty Home Care and Hospice	11	512	9
HOS0417	Columbus	Lower Cape Fear Hospice and Life CareCenter	6	214	3
HC1331	Cumberland	Community Home Care and Hospice	3	148	2
HOS2861	Robeson	Native Angels Hospice	3	43	2
HOS4477	Moore	FirstHealth Hospice House	6	40	5
HOS2004	Cumberland	Liberty Home Care and Hospice	1	11	0
HOS4746	Cumberland	PruittHealth Hospice - Fayetteville	1	7	1
HOS3011	Columbus	Community Home Care and Hospice	0	2	0
Robeson Totals			602	47,935	492
Agencies or Offices serving residents of Rockingham					
HOS0398	Rockingham	Hospice of Rockingham County, Inc.	396	14,888	361
HOS3063	Alamance	Community Home Care and Hospice	9	1,196	3
HOS1136	Alamance	Hospice Home of Alamance Caswell	4	1,106	4
HC0374	Guilford	Hospice and Palliative Care of Greensboro	25	917	21
HOS3295	Stokes	Hospice & Palliative CareCenter	10	691	11
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	8	469	7
HOS3148	Guilford	Hospice & Palliative Care Greensboro	3	318	1
HOS3823	Alamance	Amedisys Hospice	1	85	0
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	0	83	1
HOS3717	Gaston	Robin Johnson House - Gaston Hospice	1	52	0
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	1	17	1
HOS3273	Iredell	Community Home Care and Hospice	1	16	0
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	1	11	1
HC0812	Gaston	Hospice of Gaston County, Inc.	1	4	0
HOS3181	Iredell	Gordon Hospice House	1	2	1
Rockingham Totals			462	19,855	412
Agencies or Offices serving residents of Rowan					
HOS2425	Rowan	Rowan Hospice & Palliative Care, LLC	372	26,025	329
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	85	5,651	83
HOS4599	Rowan	Glenn A. Kiser Hospice House	128	1,883	197
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	27	1,448	26
HOS3051	Davidson	Liberty Home Care and Hospice	17	1,341	14
HOS3273	Iredell	Community Home Care and Hospice	13	1,335	4
HOS3199	Montgomery	Community Home Care and Hospice	3	565	3
HOS1338	Iredell	Hospice of Iredell County, Inc.	8	553	7
HOS3116	Union	Community Home Care and Hospice	3	203	2
HOS3181	Iredell	Gordon Hospice House	3	45	4
HOS4307	Randolph	The Randolph Hospice House	2	11	2
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	1	7	1
HOS3084	Davie	Hospice & Palliative CareCenter	1	7	5
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	3	1
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	1	2	1
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	1	1

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
Rowan Totals			666	39,080	680
Agencies or Offices serving residents of Rutherford					
HOS0400	Rutherford	Hospice of Rutherford County, Inc.	476	43,561	485
HOS1153	McDowell	Hospice of McDowell County, Inc.	3	438	1
HOS0386	Henderson	Four Seasons Compassions for Life	4	244	2
HOS0371	Cleveland	Hospice Cleveland County	3	47	3
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	5	36	5
HOS2143	Henderson	Four Seasons Compassion for Life	1	10	0
HOS0396	Polk	Hospice of the Carolina Foothills, Inc.	2	3	2
Rutherford Totals			494	44,339	498
Agencies or Offices serving residents of Sampson					
HC1844	Sampson	Community Home Care and Hospice	53	7,398	38
HOS3054	Sampson	Liberty Home Care and Hospice	61	5,496	41
HC0255	Sampson	3HC	48	3,172	28
HOS4799	Cumberland	Cape Fear Valley Hospice and Palliative Care	8	1,090	5
HOS3346	Johnston	PruittHealth Hospice-Smithfield	12	933	8
HOS3011	Columbus	Community Home Care and Hospice	3	721	1
HOS2281	Wake	Heartland Home Health Care and Hospice	1	150	1
HC0228	Wayne	3HC	14	145	11
HOS0415	Bladen	Lower Cape Fear Hospice and Life CareCenter	7	102	6
HOS0375	Harnett	Transitions LifeCare	1	91	1
HOS4088	Johnston	SECU Hospice House of Johnston Health	9	68	7
HC0359	Cumberland	HealthKeeperz	1	47	0
HOS2048	Harnett	Community Home Care and Hospice	0	18	1
HOS3069	Johnston	Liberty Home Care and Hospice	2	15	2
HC1331	Cumberland	Community Home Care and Hospice	0	13	1
HOS3067	Harnett	Liberty Home Care and Hospice	2	11	2
HC4027	Robeson	Amedisys Hospice Care	1	11	1
Sampson Totals			223	19,481	154
Agencies or Offices serving residents of Scotland					
HOS3031	Scotland	Scotland Regional Hospice	238	17,686	161
HOS2060	Robeson	Community Home Care and Hospice	12	1,702	4
HOS3007	Richmond	Community Home Care and Hospice	1	528	1
HC0359	Cumberland	HealthKeeperz	10	331	6
HOS2290	Hoke	Liberty Home Care and Hospice	3	118	3
HC0424	Richmond	Richmond County Hospice, Inc.	2	112	2
HC4027	Robeson	Amedisys Hospice Care	2	69	1
HOS4477	Moore	FirstHealth Hospice House	8	63	7
HOS3064	Anson	Liberty Home Care and Hospice	0	21	1
HOS3066	Robeson	Liberty Home Care and Hospice	0	16	0
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	7	1
HOS4307	Randolph	The Randolph Hospice House	1	2	1
Scotland Totals			278	20,655	188
Agencies or Offices serving residents of Stanly					
HOS0402	Stanly	Hospice of Stanly County, Inc.	208	13,510	188

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Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS3199	Montgomery	Community Home Care and Hospice	121	9,829	96
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	24	569	26
HOS0405	Union	Hospice of Union County	5	241	5
HOS3116	Union	Community Home Care and Hospice	1	180	0
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	156	1
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	27	1
HOS4477	Moore	FirstHealth Hospice House	1	15	1
HOS0372	Davidson	Hospice of Davidson County, Inc.	2	9	2
HOS4307	Randolph	The Randolph Hospice House	1	7	1
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	7	1
HOS4599	Rowan	Glenn A. Kiser Hospice House	2	6	1
HOS2425	Rowan	Rowan Hospice & Palliative Care, LLC	1	6	1
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	1	1	1
Stanly Totals			370	24,563	325
Agencies or Offices serving residents of Stokes					
HOS3295	Stokes	Hospice & Palliative CareCenter	128	9,068	120
HOS1303	Surry	Mountain Valley Hospice and Palliative Care	73	5,006	55
HOS3148	Guilford	Hospice & Palliative Care Greensboro	16	2,063	13
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	36	664	64
HOS3063	Alamance	Community Home Care and Hospice	5	427	0
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	3	308	2
HOS3273	Iredell	Community Home Care and Hospice	1	215	0
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	6	170	10
HOS0398	Rockingham	Hospice of Rockingham County, Inc.	4	118	2
HC0374	Guilford	Hospice and Palliative Care of Greensboro	2	18	2
HOS0407	Wilkes	Wake Forest Baptist HealthCare at HomeHospice-Wilkes	1	5	0
HOS4614	Forsyth	Hospice & Palliative CareCenter	1	1	1
Stokes Totals			276	18,063	269
Agencies or Offices serving residents of Surry					
HOS0404	Surry	Mountain Valley Hospice and Palliative Care	220	30,729	162
HOS1303	Surry	Mountain Valley Hospice and Palliative Care	58	7,177	32
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	52	4,832	31
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	135	3,033	203
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	22	2,681	15
HOS0407	Wilkes	Wake Forest Baptist HealthCare at HomeHospice-Wilkes	23	1,881	12
HOS3295	Stokes	Hospice & Palliative CareCenter	5	418	4
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	1	231	0
HOS1123	Alleghany	Medi Home Health and Hospice	1	90	0
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	6	43	6
HOS3084	Davie	Hospice & Palliative CareCenter	2	11	2
Surry Totals			525	51,126	467
Agencies or Offices serving residents of Swain					
HOS4650	Jackson	Harris Palliative Care and Hospice	38	3,222	29
HOS0390	Macon	Four Seasons Compassion for Life	14	1,175	10
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	3	46	3

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS2143	Henderson	Four Seasons Compassion for Life	1	23	1
Swain Totals			56	4,466	43
Agencies or Offices serving residents of Transylvania					
HC0067	Transylvania	Transylvania Home Care and Hospice	147	8,092	122
HOS0390	Macon	Four Seasons Compassion for Life	21	2,126	17
HOS0386	Henderson	Four Seasons Compassions for Life	18	1,047	10
HOS2143	Henderson	Four Seasons Compassion for Life	17	224	21
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	12	149	11
Transylvania Totals			215	11,638	181
Agencies or Offices serving residents of Tyrrell					
HOS4596	Washington	Amedisys Hospice Care	6	911	0
HOS3302	Hyde	Community Home Care and Hospice	1	143	0
Tyrrell Totals			7	1,054	0
Agencies or Offices serving residents of Union					
HOS3132	Mecklenburg	Hospice & Palliative Care Charlotte Region	242	27,481	227
HOS0405	Union	Hospice of Union County	278	22,185	330
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	114	4,249	104
HOS3116	Union	Community Home Care and Hospice	24	1,756	14
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	18	824	19
HOS3064	Anson	Liberty Home Care and Hospice	4	265	3
HOS0389	Lincoln	Hospice & Palliative Care Lincoln County	1	146	0
HOS1898	Anson	Hospice Services of Anson County	1	27	3
HOS0365	Cabarrus	Hospice & Palliative Care of Cabarrus County	2	8	1
Union Totals			684	56,941	701
Agencies or Offices serving residents of Vance					
HOS2561	Vance	Community Home Care & Hospice	60	2,172	55
HOS3826	Franklin	Amedisys Hospice	20	2,005	15
HOS0021	Durham	Duke Hospice	23	1,400	19
HOS3304	Durham	Liberty Home Care and Hospice	0	367	0
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	4	186	0
HOS2281	Wake	Heartland Home Health Care and Hospice	3	160	2
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	2	22	1
HOS4791	Granville	Gentiva Hospice	2	3	1
Vance Totals			114	6,315	93
Agencies or Offices serving residents of Wake					
HOS1595	Wake	Transitions LifeCare	2,324	125,357	2,169
HOS2281	Wake	Heartland Home Health Care and Hospice	299	34,597	223
HOS3058	Wake	Liberty Home Care and Hospice	127	14,327	87
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	68	8,935	57
HOS2223	Wake	Community Home Care & Hospice	31	6,054	22
HOS2125	Wake	Duke Hospice	72	4,875	50
HOS3147	Wake	Amedisys Hospice	48	4,071	33
HOS2135	Johnston	Community Home Care & Hospice	33	2,769	31
HC0507	Johnston	3HC	23	1,895	17
HOS3826	Franklin	Amedisys Hospice	8	999	8

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HOS3067	Harnett	Liberty Home Care and Hospice	2	880	1
HOS0408	Wilson	Hospice of Wilson Medical Center	1	502	1
HOS4088	Johnston	SECU Hospice House of Johnston Health	30	270	20
HOS2048	Harnett	Community Home Care and Hospice	4	201	3
HOS2997	Orange	Community Home Care and Hospice	2	187	0
HC0255	Sampson	3HC	1	175	0
HOS3304	Durham	Liberty Home Care and Hospice	0	108	1
HOS3793	Durham	Duke Hospice, Hock Family Pavilion	10	104	12
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	2	70	1
HOS3149	Chatham	Liberty Home Care and Hospice	0	64	1
HC0508	Wilson	3HC	1	46	1
HOS4791	Granville	Gentiva Hospice	1	35	0
HC0228	Wayne	3HC	2	28	1
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	8	1
HOS3009	Halifax	Community Home Care and Hospice	0	5	1
HOS1136	Alamance	Hospice Home of Alamance Caswell	1	4	1
HOS2516	Beaufort	Community Home Care & Hospice	0	1	0
Wake Totals			3,091	206,567	2,742
Agencies or Offices serving residents of Warren					
HOS2561	Vance	Community Home Care & Hospice	31	1,064	29
HOS3826	Franklin	Amedisys Hospice	14	1,037	8
HC0765	Halifax	Home Health and Hospice of Halifax	2	403	2
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	4	338	4
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	5	111	3
HOS3256	Halifax	Continuum Home Care & Hospice of Halifax County	3	35	3
Warren Totals			59	2,988	49
Agencies or Offices serving residents of Washington					
HOS4596	Washington	Amedisys Hospice Care	34	4,169	55
HOS3008	Martin	Community Home Care & Hospice	13	428	15
HOS2516	Beaufort	Community Home Care & Hospice	2	336	1
HOS1711	Pitt	Vidant Home Health and Hospice	7	236	4
HOS0331	Pitt	AseraCare Hospice	1	3	1
Washington Totals			57	5,172	76
Agencies or Offices serving residents of Watauga					
HOS1122	Watauga	Medi Home Health and Hospice	101	12,805	84
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	71	3,725	61
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	2	22	3
HOS4436	Mecklenburg	Hospice & Palliative Care Charlotte Region	1	9	1
HOS3084	Davie	Hospice & Palliative CareCenter	1	6	1
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	2	1
Watauga Totals			177	16,569	151
Agencies or Offices serving residents of Wayne					
HC2361	Wayne	Community Home Care and Hospice	127	17,328	77
HC0228	Wayne	3HC	503	16,842	461
HC0053	Duplin	Vidant Home Health & Hospice	4	296	4

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
HC0507	Johnston	3HC	3	220	0
HOS4623	Carteret	SECU Crystal Coast Hospice House	3	206	2
HOS3346	Johnston	PruittHealth Hospice-Smithfield	9	167	8
HC0195	Lenoir	3HC	5	161	1
HC0508	Wilson	3HC	4	156	0
HOS0408	Wilson	Hospice of Wilson Medical Center	2	152	3
HOS3261	Lenoir	Continuum Home Care & Hospice of Lenoir County	4	80	5
HC0506	Jones	3HC	2	71	0
HOS4088	Johnston	SECU Hospice House of Johnston Health	10	67	5
HC0255	Sampson	3HC	3	47	0
HOS0331	Pitt	AseraCare Hospice	1	24	1
HOS2241	Wilson	Community Home Care & Hospice	1	10	1
HOS2984	Lenoir	Community Home Care & Hospice	1	8	1
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	5	1
HOS0372	Davidson	Hospice of Davidson County, Inc.	1	3	1
Wayne Totals			684	35,843	571
Agencies or Offices serving residents of Wilkes					
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	124	8,458	115
HOS0407	Wilkes	Wake Forest Baptist HealthCare at HomeHospice-Wilkes	108	5,112	80
HOS1001	Surry	Mountain Valley Hospice and Palliative Care	94	4,903	72
HOS3084	Davie	Hospice & Palliative CareCenter	11	755	12
HOS0185	Caldwell	Caldwell Hospice and Palliative Care, Inc.	11	615	8
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	23	235	34
HOS1124	Ashe	Medi Home Health and Hospice	4	176	1
HOS0387	Iredell	Hospice of Iredell County, Inc.	1	146	0
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	3	89	7
HOS3181	Iredell	Gordon Hospice House	3	16	2
HOS1581	Guilford	Hospice of the Piedmont, Inc.	1	7	1
HOS4614	Forsyth	Hospice & Palliative CareCenter	1	5	0
HOS1445	Mecklenburg	Novant Health Hospice & Palliative Care	1	3	1
Wilkes Totals			385	20,520	333
Agencies or Offices serving residents of Wilson					
HOS2241	Wilson	Community Home Care & Hospice	99	8,523	87
HOS0408	Wilson	Hospice of Wilson Medical Center	145	5,386	132
HC0508	Wilson	3HC	44	2,840	28
HOS3269	Nash	PruittHealth Hospice - Rocky Mount	8	776	5
HOS0331	Pitt	AseraCare Hospice	11	696	3
HOS4088	Johnston	SECU Hospice House of Johnston Health	8	129	4
HC0393	Nash	Hospice and Palliative Care of Nash General Hospital	5	121	5
HC0228	Wayne	3HC	8	68	7
HOS1711	Pitt	Vidant Home Health and Hospice	1	45	1
HOS0416	New Hanover	Lower Cape Fear Hospice and Life CareCenter	1	19	1
HOS1595	Wake	Transitions LifeCare	1	14	1
HOS2424	Nash	Community Home Care & Hospice	0	2	1
Wilson Totals			331	18,619	275

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table 13A: Hospice Data by County of Patient Origin - 2015 Data

Lic. #	Facility County	Facility Name	Admissions	Days of Care	Deaths
Agencies or Offices serving residents of Yadkin					
HC1498	Yadkin	Mountain Valley Hospice and Palliative Care	92	6,565	62
HOS3084	Davie	Hospice & Palliative CareCenter	36	3,349	30
HOS3796	Surry	Mountain Valley Hospice and Palliative Care	23	613	45
HOS0387	Iredell	Hospice of Iredell County, Inc.	3	336	1
HOS4413	Wilkes	PruittHealth Hospice-Wilkes	3	161	1
HOS3273	Iredell	Community Home Care and Hospice	2	155	2
HOS1603	Forsyth	Kate B. Reynolds Hospice Home	10	128	13
HOS4614	Forsyth	Hospice & Palliative CareCenter	2	72	1
HOS3181	Iredell	Gordon Hospice House	2	39	5
HOS0407	Wilkes	Wake Forest Baptist HealthCare at HomeHospice-Wilkes	1	38	0
Yadkin Totals			174	11,456	160
Agencies or Offices serving residents of Yancey					
HOS1027	Yancey	Yancey Hospice	83	12,726	66
HOS0832	Mitchell	Hospice & Palliative Care Center of the Blue Ridge, Inc.	34	5,486	25
HC0419	Madison	Madison Home Care and Hospice	2	631	0
HOS0113	Buncombe	CarePartners Hospice & Palliative Care Services	21	139	19
Yancey Totals			140	18,982	110
Grand Totals			44,246	3,231,700	39,164

Figures were taken from the 2016 Hospice Data Supplements. Data were self-reported to Healthcare Planning.

Table13B: Year 2018 Hospice Home Care Office Need Projections

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
County	2010-2014 Death Rate/1000 Population	2018 Population (excluding military)	Projected 2018 Deaths	2015 Reported Number of Hospice Patient Deaths	2018 Number of Hospice Deaths Served at Two Year Trailing Average Growth Rate	2018 Number of Hospice Deaths Served Limited to 60%	Projected 2018 Number of Hospice Deaths Served	Median Projected 2018 Hospice Deaths	Place-holders for New Hospice Office	Projected Number of Additional Patients in Need Surplus (Deficit)	Licensed Hospice Offices in County	Licensed Home Care Offices in County per 100,000	Additional Hospice Office Need
Source or Formula =>	Deaths - N.C. Vital Statistics	N.C. Office of State Budget and Management	Col. B x (Col. C/1,000)	2016 License Data Supplements	Col. E x 3 Years Growth at 5.3% annually	Col. D x 60%	Lower Number of Deaths between Col. F and Col. G	Col. D x Projected Statewide Median Percent Deaths Served (44.7%)		Col. H + Col. J - Col. I	2016 License Renewal Applications	Col. L / (Col. C / 100,000)	If Col. M <=3 and Col. K <= -90
Alamance	9.8	163,415	1,601	897	1,046	961	961	716	0	245	5	3.1	0
Alexander	9.5	39,486	375	142	166	225	166	168	0	-2	1	2.5	0
Alleghany	11.4	11,340	129	62	72	78	72	58	0	15	1	8.8	0
Anson	10.9	26,466	288	127	148	173	148	129	0	19	3	11.3	0
Ashe	12.1	27,566	334	134	156	200	156	149	0	7	1	3.6	0
Avery	10.5	17,902	188	90	105	113	105	84	0	21	1	5.6	0
Beaufort	11.7	47,719	558	195	227	335	227	250	0	-22	2	4.2	0
Bertie	12.1	19,579	237	41	48	142	48	106	0	-58	0	0.0	0
Bladen	11.0	35,275	388	146	170	233	170	173	0	-3	3	8.5	0
Brunswick	10.5	130,850	1,374	682	795	824	795	614	0	181	4	3.1	0
Buncombe	9.7	263,551	2,556	1,340	1,563	1,534	1,534	1,143	0	391	1	0.4	0
Burke	11.2	89,199	999	510	595	599	595	447	0	148	2	2.2	0
Cabarrus	7.7	209,246	1,611	802	935	967	935	720	0	215	2	1.0	0
Caldwell	11.1	82,281	913	488	569	548	548	408	0	140	2	2.4	0
Camden	7.4	10,558	78	22	26	47	26	35	0	-9	0	0.0	0
Carteret *	10.9	69,156	754	310	362	452	362	337	0	25	5	7.2	0
Caswell	11.5	23,631	272	97	113	163	113	121	0	-8	0	0.0	0
Catawba	10.1	157,231	1,588	1,037	1,209	953	953	710	0	243	3	1.9	0
Chatham	9.3	73,237	681	256	299	409	299	304	0	-6	6	8.2	0
Cherokee	13.2	27,590	364	68	79	219	79	163	0	-83	1	3.6	0
Chowan	12.0	14,668	176	47	55	106	55	79	0	-24	1	6.8	0
Clay	13.0	10,912	142	41	48	85	48	63	0	-16	1	9.2	0
Cleveland	11.5	99,000	1,139	732	854	683	683	509	0	174	3	3.0	0
Columbus	11.9	57,579	685	284	331	411	331	306	0	25	4	6.9	0
Craven *	9.5	101,254	962	349	407	577	407	430	0	-23	4	4.0	0
Cumberland *	7.2	309,750	2,230	658	767	1,338	767	997	53	-176	7	2.3	1

* Population projections were adjusted to exclude active duty military personnel.

Table13B: Year 2018 Hospice Home Care Office Need Projections

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
County	2010-2014 Death Rate/1000 Population	2018 Population (excluding military)	Projected 2018 Deaths	2015 Reported Number of Hospice Patient Deaths	2018 Number of Hospice Deaths Served at Two Year Trailing Average Growth Rate	2018 Number of Hospice Deaths Served Limited to 60%	Projected 2018 Number of Hospice Deaths Served	Median Projected 2018 Hospice Deaths	Place-holders for New Hospice Office	Projected Number of Additional Patients in Need Surplus (Deficit)	Licensed Hospice Offices in County	Licensed Home Care Offices in County per 100,000	Additional Hospice Office Need
Source or Formula =>	Deaths - N.C. Vital Statistics	N.C. Office of State Budget and Management	Col. B x (Col. C/1,000)	2016 License Data Supplements	Col. E x 3 Years Growth at 5.3% annually	Col. D x 60%	Lower Number of Deaths between Col. F and Col. G	Col. D x Projected Statewide Median Percent Deaths Served (44.7%)		Col. H + Col. J - Col. I	2016 License Renewal Applications	Col. L / (Col. C / 100,000)	If Col. M <=3 and Col. K <= -90
Currituck	9.0	27,248	245	83	97	147	97	110	0	-13	0	0.0	0
Dare	8.5	35,991	306	92	107	184	107	137	0	-29	1	2.8	0
Davidson	10.1	166,345	1,680	824	961	1,008	961	751	0	210	4	2.4	0
Davie	10.0	41,471	415	256	299	249	249	185	0	63	2	4.8	0
Duplin	8.6	61,398	528	186	217	317	217	236	0	-19	2	3.3	0
Durham	6.4	314,617	2,014	921	1,074	1,208	1,074	900	0	174	6	1.9	0
Edgecombe	10.6	55,120	584	140	163	351	163	261	0	-98	2	3.6	0
Forsyth	8.6	379,554	3,264	1,871	2,182	1,958	1,958	1,459	0	500	2	0.5	0
Franklin	8.3	65,664	545	134	156	327	156	244	0	-87	4	6.1	0
Gaston	10.3	216,265	2,228	1,065	1,242	1,337	1,242	996	0	246	2	0.9	0
Gates	9.5	11,913	113	29	34	68	34	51	0	-17	0	0.0	0
Graham	12.2	9,097	111	15	17	67	17	50	0	-32	1	11.0	0
Granville	8.2	58,854	483	117	136	290	136	216	88	9	2	3.4	0
Greene	8.7	21,310	185	60	70	111	70	83	0	-13	1	4.7	0
Guilford	7.9	527,911	4,170	1,914	2,232	2,502	2,232	1,864	0	368	5	0.9	0
Halifax	12.1	51,949	629	184	215	377	215	281	0	-66	3	5.8	0
Harnett *	7.2	130,297	938	320	373	563	373	419	0	-46	5	3.8	0
Haywood	11.9	60,955	725	342	399	435	399	324	0	75	1	1.6	0
Henderson	12.0	115,665	1,388	821	958	833	833	620	0	212	2	1.7	0
Hertford	10.5	24,272	255	57	66	153	66	114	0	-47	1	4.1	0
Hoke *	5.8	51,727	300	75	87	180	87	134	0	-47	1	1.9	0
Hyde	9.5	5,696	54	22	26	32	26	24	0	1	1	17.6	0
Iredell	8.8	175,645	1,546	728	849	927	849	691	0	158	4	2.3	0
Jackson	8.3	41,998	349	176	205	209	205	156	0	49	1	2.4	0
Johnston	7.0	194,109	1,359	544	634	815	634	607	0	27	7	3.6	0
Jones	12.9	10,565	136	25	29	82	29	61	0	-32	1	9.5	0

* Population projections were adjusted to exclude active duty military personnel.

Table13B: Year 2018 Hospice Home Care Office Need Projections

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
County	2010-2014 Death Rate/1000 Population	2018 Population (excluding military)	Projected 2018 Deaths	2015 Reported Number of Hospice Patient Deaths	2018 Number of Hospice Deaths Served at Two Year Trailing Average Growth Rate	2018 Number of Hospice Deaths Served Limited to 60%	Projected 2018 Number of Hospice Deaths Served	Median Projected 2018 Hospice Deaths	Place-holders for New Hospice Office	Projected Number of Additional Patients in Need Surplus (Deficit)	Licensed Hospice Offices in County	Licensed Home Care Offices in County per 100,000	Additional Hospice Office Need
Source or Formula =>	Deaths - N.C. Vital Statistics	N.C. Office of State Budget and Management	Col. B x (Col. C/1,000)	2016 License Data Supplements	Col. E x 3 Years Growth at 5.3% annually	Col. D x 60%	Lower Number of Deaths between Col. F and Col. G	Col. D x Projected Statewide Median Percent Deaths Served (44.7%)		Col. H + Col. J - Col. I	2016 License Renewal Applications	Col. L / (Col. C / 100,000)	If Col. M <=3 and Col. K <= -90
Lee	9.0	59,227	533	289	337	320	320	238	0	82	1	1.7	0
Lenoir	11.8	58,631	692	203	237	415	237	309	0	-72	3	5.1	0
Lincoln	8.9	82,634	735	321	374	441	374	329	0	46	1	1.2	0
Macon	12.7	36,126	459	157	183	275	183	205	0	-22	2	5.5	0
Madison	10.5	22,172	233	111	129	140	129	104	0	25	1	4.5	0
Martin	13.2	23,277	307	93	108	184	108	137	0	-29	2	8.6	0
McDowell	11.0	45,533	501	225	262	301	262	224	0	39	1	2.2	0
Mecklenburg *	5.5	1,097,877	6,038	3,016	3,517	3,623	3,517	2,699	0	819	5	0.5	0
Mitchell	13.3	15,999	213	110	128	128	128	95	0	33	1	6.3	0
Montgomery	10.0	27,905	279	105	122	167	122	125	0	-2	1	3.6	0
Moore *	11.5	96,146	1,106	616	718	663	663	494	0	169	3	3.1	0
Nash	10.2	93,759	956	275	321	574	321	427	0	-107	4	4.3	0
New Hanover *	8.2	228,943	1,877	1,054	1,229	1,126	1,126	839	0	287	3	1.3	0
Northampton	12.3	20,688	254	80	93	153	93	114	0	-20	1	4.8	0
Onslow *	5.1	168,435	859	344	401	515	401	384	0	17	4	2.4	0
Orange	5.4	146,593	792	344	401	475	401	354	0	47	3	2.0	0
Pamlico	11.4	13,239	151	42	49	91	49	67	0	-18	2	15.1	0
Pasquotank *	10.0	39,460	395	149	174	237	174	176	0	-3	2	5.1	0
Pender *	8.9	60,526	539	276	322	323	322	241	0	81	3	5.0	0
Perquimans	11.0	13,580	149	41	48	90	48	67	0	-19	0	0.0	0
Person	10.5	39,490	415	136	159	249	159	185	0	-27	1	2.5	0
Pitt	6.8	178,024	1,211	378	441	726	441	541	0	-100	8	4.5	0
Polk	13.5	21,152	286	183	213	171	171	128	0	44	1	4.7	0
Randolph	9.6	145,429	1,396	764	891	838	838	624	0	214	3	2.1	0
Richmond	11.4	45,407	518	324	378	311	311	231	0	79	3	6.6	0
Robeson	9.2	132,329	1,217	492	574	730	574	544	0	30	6	4.5	0

* Population projections were adjusted to exclude active duty military personnel.

Table13B: Year 2018 Hospice Home Care Office Need Projections

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
County	2010-2014 Death Rate/1000 Population	2018 Population (excluding military)	Projected 2018 Deaths	2015 Reported Number of Hospice Patient Deaths	2018 Number of Hospice Deaths Served at Two Year Trailing Average Growth Rate	2018 Number of Hospice Deaths Served Limited to 60%	Projected 2018 Number of Hospice Deaths Served	Median Projected 2018 Hospice Deaths	Place-holders for New Hospice Office	Projected Number of Additional Patients in Need Surplus (Deficit)	Licensed Hospice Offices in County	Licensed Home Care Offices in County per 100,000	Additional Hospice Office Need
Source or Formula =>	Deaths - N.C. Vital Statistics	N.C. Office of State Budget and Management	Col. B x (Col. C/1,000)	2016 License Data Supplements	Col. E x 3 Years Growth at 5.3% annually	Col. D x 60%	Lower Number of Deaths between Col. F and Col. G	Col. D x Projected Statewide Median Percent Deaths Served (44.7%)		Col. H + Col. J - Col. I	2016 License Renewal Applications	Col. L / (Col. C / 100,000)	If Col. M <=3 and Col. K <= -90
Rockingham	11.7	92,545	1,083	412	481	650	481	484	0	-3	1	1.1	0
Rowan	11.0	138,710	1,526	680	793	915	793	682	0	111	4	2.9	0
Rutherford	12.3	67,182	826	498	581	496	496	369	0	126	2	3.0	0
Sampson	9.9	64,871	642	154	180	385	180	287	0	-107	4	6.2	0
Scotland	10.5	35,011	368	188	219	221	219	164	0	55	0	0.0	0
Stanly	10.9	62,001	676	325	379	405	379	302	0	77	2	3.2	0
Stokes	10.5	46,786	491	269	314	295	295	220	0	75	1	2.1	0
Surry	11.5	73,833	849	467	545	509	509	379	0	130	4	5.4	0
Swain	12.9	15,450	199	43	50	120	50	89	0	-39	0	0.0	0
Transylvania	12.1	34,668	419	181	211	252	211	187	0	24	1	2.9	0
Tyrrell	10.7	4,144	44	0	0	27	0	20	0	-20	0	0.0	0
Union	5.9	234,390	1,383	701	818	830	818	618	0	199	3	1.3	0
Vance	10.4	44,911	467	93	108	280	108	209	0	-100	2	4.5	0
Wake *	4.9	1,064,666	5,217	2,742	3,198	3,130	3,130	2,332	0	798	7	0.7	0
Warren	10.8	20,514	222	49	57	133	57	99	0	-42	0	0.0	0
Washington	11.7	12,444	146	76	89	87	87	65	0	22	2	16.1	0
Watauga	6.2	54,483	338	151	176	203	176	151	0	25	1	1.8	0
Wayne *	9.0	124,118	1,117	571	666	670	666	499	0	167	3	2.4	0
Wilkes	10.9	70,352	767	333	388	460	388	343	0	46	3	4.3	0
Wilson	9.9	83,057	822	275	321	493	321	368	0	-47	4	4.8	0
Yadkin	10.7	37,112	397	160	187	238	187	177	0	9	1	2.7	0
Yancey	12.8	17,934	230	110	128	138	128	103	0	26	1	5.6	0
Grand Totals	8.4	10,285,840	86,401	39,164	45,676	51,841	45,676	38,617	141	7,199	235	2.3	1

* Population projections were adjusted to exclude active duty military personnel.

Table 13C: Year 2020 Hospice Inpatient Bed Need Projections

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
County	Total Admissions (2015 Data)	Total Days of Care (2015 Data)	ALOS per Admission	Total 2020 Admissions	2020 Days of Care at County ALOS	2020 Days of Care at Statewide ALOS	Projected 2020 Days of Care for Inpatient Estimates	Projected Inpatient Days	Projected Total Inpatient Beds	Currently Licensed Beds	CON Approved/ License Pending/ Previous Need Determination	Adjusted Projected Beds	Existing Facility Occupancy Rate	Deficit/ Surplus for Facilities not at 85% Occupancy
Source or Formula =>	2016 License Data Supplement	2016 License Data Supplement	Col. C / Col. B	Col. B x 5 Years Growth at 3.8% annually	Col. D x Col. E	Col E. x Statewide Median ALOS per Admission (74.1)	Lower # of Days of Care between Col. F and Col. G	Col. H x 3.81%	(Col. I/365) / 85%	Licensure Inventory		Col. J - (Col. K + Col. L)	2016 License Data Supplement	
Alamance	1,030	91,050	88.40	1,244	109,944	92,149	92,149	3,509	11	14	0	-3	47.10%	-3
Alexander	176	15,720	89.32	213	18,982	15,746	15,746	600	2		0	2		2
Alleghany	76	14,149	186.17	92	17,085	6,799	6,799	259	1		0	1		1
Anson	128	9,573	74.79	155	11,560	11,451	11,451	436	1		0	1		1
Ashe	166	13,967	84.14	200	16,865	14,851	14,851	566	2		0	2		2
Avery	121	12,190	100.74	146	14,720	10,825	10,825	412	1		0	1		1
Beaufort	238	22,443	94.30	287	27,100	21,293	21,293	811	3		0	3		3
Bertie	66	5,999	90.89	80	7,244	5,905	5,905	225	1		0	1		1
Bladen	169	16,137	95.49	204	19,486	15,120	15,120	576	2		0	2		2
Brunswick	731	53,807	73.61	883	64,973	65,399	64,973	2,474	8	7	0	1	60.00%	0
Buncombe	1,436	108,144	75.31	1,734	130,585	128,471	128,471	4,892	16	25	0	-9	66.52%	-9
Burke	614	53,613	87.32	741	64,738	54,931	54,931	2,092	7	8	0	-1	59.83%	-1
Cabarrus	775	64,066	82.67	936	77,361	69,335	69,335	2,640	9	14	0	-5	58.10%	-5
Caldwell	542	49,459	91.25	654	59,722	48,490	48,490	1,846	6	12	0	-6	92.57%	-6
Camden	24	1,165	48.54	29	1,407	2,147	1,407	54	0		0	0		0
Carteret	382	15,484	40.53	461	18,697	34,176	18,697	712	2	6	0	-4	74.02%	-4
Caswell	117	8,419	71.96	141	10,166	10,467	10,166	387	1		0	1		1
Catawba	1,063	78,536	73.88	1,284	94,833	95,101	94,833	3,611	12	17	0	-5	84.82%	-5
Chatham	312	23,620	75.71	377	28,521	27,913	27,913	1,063	3	0	6	-3		-3
Cherokee	85	3,867	45.49	103	4,669	7,605	4,669	178	1		0	1		1
Chowan	52	3,433	66.02	63	4,145	4,652	4,145	158	1		0	1		1
Clay	45	1,505	33.44	54	1,817	4,026	1,817	69	0		0	0		0
Cleveland	762	62,049	81.43	920	74,925	68,172	68,172	2,596	8	10	0	-2	81.34%	-2
Columbus	355	39,040	109.97	429	47,141	31,760	31,760	1,209	4	6	0	-2	71.64%	-2
Craven	438	34,141	77.95	529	41,226	39,186	39,186	1,492	5		0	5		5
Cumberland	860	58,620	68.16	1,038	70,784	76,940	70,784	2,695	9		0	9		9

Table 13C: Year 2020 Hospice Inpatient Bed Need Projections

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
County	Total Admissions (2015 Data)	Total Days of Care (2015 Data)	ALOS per Admission	Total 2020 Admissions	2020 Days of Care at County ALOS	2020 Days of Care at Statewide ALOS	Projected 2020 Days of Care for Inpatient Estimates	Projected Inpatient Days	Projected Total Inpatient Beds	Currently Licensed Beds	CON Approved/ License Pending/ Previous Need Determination	Adjusted Projected Beds	Existing Facility Occupancy Rate	Deficit/ Surplus for Facilities not at 85% Occupancy
Source or Formula =>	2016 License Data Supplement	2016 License Data Supplement	Col. C / Col. B	Col. B x 5 Years Growth at 3.8% annually	Col. D x Col. E	Col E. x Statewide Median ALOS per Admission (74.1)	Lower # of Days of Care between Col. F and Col. G	Col. H x 3.81%	(Col. I/365) / 85%	Licensure Inventory		Col. J - (Col. K + Col. L)	2016 License Data Supplement	
Currituck	89	4,293	48.24	107	5,184	7,962	5,184	197	1		0	1		1
Dare	104	7,104	68.31	126	8,578	9,304	8,578	327	1		0	1		1
Davidson	871	57,183	65.65	1,052	69,049	77,924	69,049	2,629	8	8	0	0	80.65%	0
Davie	248	19,557	78.86	299	23,615	22,187	22,187	845	3		0	3		3
Duplin	221	17,325	78.39	267	20,920	19,772	19,772	753	2		0	2		2
Durham	1,025	54,835	53.50	1,238	66,214	91,701	66,214	2,521	8	12	0	-4	87.65%	-4
Edgecombe	178	11,184	62.83	215	13,505	15,925	13,505	514	2		0	2		2
Forsyth	1,802	116,662	64.74	2,176	140,871	161,215	140,871	5,364	17	30	0	-13	75.89%	-13
Franklin	143	9,326	65.22	173	11,261	12,793	11,261	429	1		0	1		1
Gaston	1,206	68,272	56.61	1,456	82,439	107,895	82,439	3,139	10	13	0	-3	41.94%	-3
Gates	34	1,105	32.50	41	1,334	3,042	1,334	51	0		0	0		0
Graham	20	458	22.90	24	553	1,789	553	21	0		0	0		0
Granville	155	9,908	63.92	187	11,964	13,867	11,964	456	1		0	1		1
Greene	68	6,933	101.96	82	8,372	6,084	6,084	232	1		0	1		1
Guilford	2,193	174,192	79.43	2,648	210,339	196,196	196,196	7,471	24	26	0	-2	63.81%	-2
Halifax	196	16,646	84.93	237	20,100	17,535	17,535	668	2		0	2		2
Harnett	409	37,319	91.24	494	45,063	36,591	36,591	1,393	4		0	4		4
Haywood	372	20,594	55.36	449	24,868	33,281	24,868	947	3	6	0	-3	25.02%	-3
Henderson	932	51,894	55.68	1,125	62,663	83,381	62,663	2,386	8	19	0	-11	50.44%	-11
Hertford	75	3,373	44.97	91	4,073	6,710	4,073	155	0		0	0		0
Hoke	100	7,730	77.30	121	9,334	8,946	8,946	341	1		0	1		1
Hyde	23	2,330	101.30	28	2,814	2,058	2,058	78	0		0	0		0
Iredell	809	59,271	73.26	977	71,571	72,377	71,571	2,725	9	15	0	-6	53.33%	-6
Jackson	208	13,105	63.00	251	15,824	18,609	15,824	603	2		0	2		2
Johnston	641	32,673	50.97	774	39,453	57,347	39,453	1,502	5	12	0	-7	30.62%	-7
Jones	31	2,872	92.65	37	3,468	2,773	2,773	106	0		0	0		0

Table 13C: Year 2020 Hospice Inpatient Bed Need Projections

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
County	Total Admissions (2015 Data)	Total Days of Care (2015 Data)	ALOS per Admission	Total 2020 Admissions	2020 Days of Care at County ALOS	2020 Days of Care at Statewide ALOS	Projected 2020 Days of Care for Inpatient Estimates	Projected Inpatient Days	Projected Total Inpatient Beds	Currently Licensed Beds	CON Approved/ License Pending/ Previous Need Determination	Adjusted Projected Beds	Existing Facility Occupancy Rate	Deficit/ Surplus for Facilities not at 85% Occupancy
Source or Formula =>	2016 License Data Supplement	2016 License Data Supplement	Col. C / Col. B	Col. B x 5 Years Growth at 3.8% annually	Col. D x Col. E	Col E. x Statewide Median ALOS per Admission (74.1)	Lower # of Days of Care between Col. F and Col. G	Col. H x 3.81%	(Col. I/365) / 85%	Licensure Inventory		Col. J - (Col. K + Col. L)	2016 License Data Supplement	
Lee	324	24,747	76.38	391	29,882	28,987	28,987	1,104	4		0	4		4
Lenoir	265	20,131	75.97	320	24,308	23,708	23,708	903	3		0	3		3
Lincoln	395	35,522	89.93	477	42,893	35,339	35,339	1,346	4	0	6	-2		-2
Macon	202	16,050	79.46	244	19,381	18,072	18,072	688	2	0	6	-4		-4
Madison	125	9,950	79.60	151	12,015	11,183	11,183	426	1		0	1		1
Martin	120	10,605	88.38	145	12,806	10,736	10,736	409	1		0	1		1
McDowell	235	34,666	147.51	284	41,860	21,024	21,024	801	3		0	3		3
Mecklenburg	3,290	248,301	75.47	3,973	299,827	294,339	294,339	11,208	36	37	16	-17	74.81%	-17
Mitchell	138	18,730	135.72	167	22,617	12,346	12,346	470	2		0	2		2
Montgomery	146	10,308	70.60	176	12,447	13,062	12,447	474	2		0	2		2
Moore	779	51,574	66.21	941	62,276	69,693	62,276	2,371	8	11	0	-3	66.48%	-3
Nash	326	23,071	70.77	394	27,859	29,166	27,859	1,061	3		0	3		3
New Hanover	1,143	84,384	73.83	1,380	101,895	102,258	101,895	3,880	13	18	0	-5	76.90%	-5
Northampton	111	13,328	120.07	134	16,094	9,931	9,931	378	1		0	1		1
Onslow	423	25,795	60.98	511	31,148	37,844	31,148	1,186	4		0	4		4
Orange	449	31,701	70.60	542	38,279	40,170	38,279	1,458	5	6	0	-1		-1
Pamlico	48	2,668	55.58	58	3,222	4,294	3,222	123	0		0	0		0
Pasquotank	169	7,524	44.52	204	9,085	15,120	9,085	346	1		0	1		1
Pender	308	23,418	76.03	372	28,278	27,555	27,555	1,049	3		0	3		3
Perquimans	46	2,585	56.20	56	3,121	4,115	3,121	119	0		0	0		0
Person	172	10,568	61.44	208	12,761	15,388	12,761	486	2		0	2		2
Pitt	493	35,108	71.21	595	42,393	44,106	42,393	1,614	5	8	0	-3	60.31%	-3
Polk	160	18,461	115.38	193	22,292	14,314	14,314	545	2		0	2		2
Randolph	822	59,472	72.35	993	71,813	73,540	71,813	2,735	9	12	0	-3	58.20%	-3
Richmond	571	44,466	77.87	689	53,693	51,084	51,084	1,945	6	6	0	0	64.79%	0
Robeson	602	47,935	79.63	727	57,882	53,858	53,858	2,051	7	12	6	-11	41.85%	-11

Table 13C: Year 2020 Hospice Inpatient Bed Need Projections

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
County	Total Admissions (2015 Data)	Total Days of Care (2015 Data)	ALOS per Admission	Total 2020 Admissions	2020 Days of Care at County ALOS	2020 Days of Care at Statewide ALOS	Projected 2020 Days of Care for Inpatient Estimates	Projected Inpatient Days	Projected Total Inpatient Beds	Currently Licensed Beds	CON Approved/ License Pending/ Previous Need Determination	Adjusted Projected Beds	Existing Facility Occupancy Rate	Deficit/ Surplus for Facilities not at 85% Occupancy
Source or Formula =>	2016 License Data Supplement	2016 License Data Supplement	Col. C / Col. B	Col. B x 5 Years Growth at 3.8% annually	Col. D x Col. E	Col E. x Statewide Median ALOS per Admission (74.1)	Lower # of Days of Care between Col. F and Col. G	Col. H x 3.81%	(Col. I/365) / 85%	Licensure Inventory		Col. J - (Col. K + Col. L)	2016 License Data Supplement	
Rockingham	462	19,855	42.98	558	23,975	41,333	23,975	913	3	5	0	-2	65.32%	-2
Rowan	666	39,080	58.68	804	47,190	59,584	47,190	1,797	6	7	0	-1	61.96%	-1
Rutherford	494	44,339	89.76	597	53,540	44,196	44,196	1,683	5	10	0	-5	62.82%	-5
Sampson	223	19,481	87.36	269	23,524	19,951	19,951	760	2		0	2		2
Scotland	278	20,655	74.30	336	24,941	24,871	24,871	947	3	6	0	-3	74.16%	-3
Stanly	370	24,563	66.39	447	29,660	33,102	29,660	1,129	4		0	4		4
Stokes	276	18,063	65.45	333	21,811	24,692	21,811	831	3		0	3		3
Surry	525	51,126	97.38	634	61,735	46,969	46,969	1,789	6	16	0	-10	83.15%	-10
Swain	56	4,466	79.75	68	5,393	5,010	5,010	191	1		0	1		1
Transylvania	215	11,638	54.13	260	14,053	19,235	14,053	535	2		0	2		2
Tyrrell	7	1,054	150.57	8	1,273	626	626	24	0		0	0		0
Union	684	56,941	83.25	826	68,757	61,194	61,194	2,330	8	6	0	2	40.23%	0
Vance	114	6,315	55.39	138	7,625	10,199	7,625	290	1		0	1		1
Wake	3,091	206,567	66.83	3,732	249,433	276,536	249,433	9,498	31	14	10	7	94.46%	7
Warren	59	2,988	50.64	71	3,608	5,278	3,608	137	0		0	0		0
Washington	57	5,172	90.74	69	6,245	5,099	5,099	194	1		0	1		1
Watauga	177	16,569	93.61	214	20,007	15,835	15,835	603	2		0	2		2
Wayne	684	35,843	52.40	826	43,281	61,194	43,281	1,648	5	12	0	-7	84.54%	-7
Wilkes	385	20,520	53.30	465	24,778	34,444	24,778	944	3		0	3		3
Wilson	331	18,619	56.25	400	22,483	29,613	22,483	856	3		0	3		3
Yadkin	174	11,456	65.84	210	13,833	15,567	13,833	527	2	0	4	-2		-2
Yancey	140	18,982	135.59	169	22,921	12,525	12,525	477	2		0	2		2
Grand Totals	44,246	3,231,700		53,428	3,902,324	3,958,458	3,642,220	138,692	447	446	54			

Patients originating from out of state were not included in the calculation of the two-year trailing average statewide hospice inpatient utilization rate (3.81%).

Table 13D(1): Hospice Inpatient Facilities

County	License Number	Facility	Number of Licensed Beds	Number of Beds CON Approved/ License Pending
Alamance	HOS1136	Hospice Home of Alamance Caswell	14	0
Brunswick	HOS0414	Lower Cape Fear Hospice, and Life CareCenter	7	0
Buncombe	HOS0113	CarePartners Hospice & Palliative Care Services	25	0
Burke	HOS1670	Burke Palliative Care Center	8	0
Cabarrus	HOS3389	Hospice & Palliative Care of Cabarrus County	14	0
Caldwell	HOS4155	Caldwell Hospice & Palliative Care	8	0
Caldwell	HOS0185	Caldwell Hospice and Palliative Care, Inc.	4	0
Carteret	HOS4623	SECU Crystal Coast Hospice House	6	0
Catawba	HOS3144	Catawba Valley Hospice House	11	0
Catawba	HOS4445	Sherrills Ford Hospice House	6	0
Chatham		UNC Hospitals - Chatham County	0	6
Cleveland	HOS1413	Wendover Hospice House	6	0
Cleveland	HOS4089	Testa Family Hospice House	4	0
Columbus	HOS0417	Lower Cape Fear Hospice and Life CareCenter	6	0
Davidson	HOS3784	Hospice of Davidson County/Hinkle Hospice House	8	0
Durham	HOS3793	Duke Hospice, Hock Family Pavilion	12	0
Forsyth	HOS1603	Kate B. Reynolds Hospice Home	30	0
Gaston	HOS3717	Robin Johnson House - Gaston Hospice	13	0
Guilford	HOS3522	Hospice Home at High Point	15	0
Guilford	HOS1416	Hospice & Palliative Care Greensboro-Beacon Place	11	0
Haywood	HOS3825	Haywood Hospice & Palliative Care	6	0
Henderson	HOS2143	Four Seasons Compassion for Life	19	0
Iredell	HOS3181	Gordon Hospice House	15	0
Johnston	HOS4088	SECU Hospice House of Johnston Health	12	0
Lincoln		Lincoln County Hospice	0	6
Macon		Hospice House of Western North Carolina	0	6
Mecklenburg	HOS3727	Levine & Dickson Hospice House	16	6
Mecklenburg	HOS4588	Levine & Dickson Hospice House of Southminster	10	0
Mecklenburg	H0010	Novant Health Presbyterian Medical Center	8	10
Mecklenburg	H0270	Novant Health Matthews Medical Center	3	0
Moore	HOS4477	FirstHealth Hospice House	11	0
New Hanover	HOS1557	Lower Cape Fear Hospice and Life Care Center	18	0
Orange	HOS1388	Duke Hospice at the Meadowlands	6	0
Pitt	HOS3749	Vidant Home Health and Hospice	8	0
Randolph	HOS4307	The Randolph Hospice House	12	0
Richmond	HOS2138	Hospice Haven of Richmond County	6	0
Robeson	H0064	Southeastern Regional Medical Center	12	6
Rockingham	HOS0398	Hospice of Rockingham County, Inc.	5	0
Rowan	HOS4599	Glenn A. Kiser Hospice House	7	0
Rutherford	HOS2891	Hospice of Rutherford County, Inc.	10	0
Scotland	HOS3031	Scotland Regional Hospice	6	0
Surry	HOS3796	Mountain Valley Hospice and Palliative Care	16	0
Union	HOS0405	Hospice of Union County	6	0
Wake	HOS1595	Transitions LifeCare	14	10
Wayne	HOS1324	3HC/Kitty Askins Hospice Center	12	0
Yadkin		Yadkinville Care Center	0	4
Grand Totals			446	54

Figures were taken from the 2016 Hospice Data Supplements. Data were self reported to Healthcare Planning.

Table 13D(2): Hospice Inpatient Facilities Occupancy Rate for FY2015

County	Facility	Number of Licensed Beds 10/1/2014	Number of Beds Added during FY2015	Number of Licensed Beds 9/30/2015	Days of Care per 2016 Data Supplement	Occupancy Rate for Reporting Period
Alamance	Hospice Home of Alamance Caswell	14	0	14	2,407	47.10%
Brunswick	Lower Cape Fear Hospice, and Life CareCenter	7	0	7	1,533	60.00%
Buncombe	CarePartners Hospice & Palliative Care Services	25	0	25	6,070	66.52%
Burke	Burke Palliative Care Center	8	0	8	1,747	59.83%
Cabarrus	Hospice & Palliative Care of Cabarrus County	14	0	14	2,969	58.10%
Caldwell	Caldwell Hospice & Palliative Care	5	0	5	1,704	93.37%
Caldwell	Caldwell Hospice and Palliative Care, Inc.	4	0	4	1,337	91.58%
Carteret	SECU Crystal Coast Hospice House	6	0	6	1,621	74.02%
Catawba	Catawba Valley Hospice House	11	0	11	3,839	95.62%
Catawba	Sherrills Ford Hospice House	6	0	6	1,424	65.02%
Cleveland	Wendover Hospice House	6	0	6	1,814	82.83%
Cleveland	Testa Family Hospice House	4	0	4	1,155	79.11%
Columbus	Lower Cape Fear Hospice and Life CareCenter	6	0	6	1,569	71.64%
Davidson	Hospice of Davidson County/Hinkle Hospice House	8	0	8	2,355	80.65%
Durham	Duke Hospice, Hock Family Pavilion	12	0	12	3,839	87.65%
Forsyth	Kate B. Reynolds Hospice Home	30	0	30	8,310	75.89%
Gaston	Robin Johnson House - Gaston Hospice	13	0	13	1,990	41.94%
Guilford	* Hospice Home at High Point	10	5	15	3,778	69.38%
Guilford	* Hospice & Palliative Care Greensboro-Beacon Place	8	3	11	2,004	55.42%
Haywood	Haywood Hospice & Palliative Care	6	0	6	548	25.02%
Henderson	Four Seasons Compassion for Life	19	0	19	3,498	50.44%
Iredell	Gordon Hospice House	15	0	15	2,920	53.33%
Johnston	SECU Hospice House of Johnston Health	12	0	12	1,341	30.62%
Mecklenburg	Levine & Dickson Hospice House	16	0	16	4,076	69.79%
Mecklenburg	Levine & Dickson Hospice House of Southminster	10	0	10	3,166	86.74%
Mecklenburg	Novant Health Presbyterian Medical Center	8	0	8	2,217	75.92%
Mecklenburg	Novant Health Matthews Medical Center	3	0	3	644	58.81%
Moore	FirstHealth Hospice House	11	0	11	2,669	66.48%
New Hanover	* Lower Cape Fear Hospice and Life Care Center	12	6	18	4,983	76.90%
Pitt	Vidant Home Health and Hospice	8	0	8	1,761	60.31%
Randolph	The Randolph Hospice House	12	0	12	2,549	58.20%
Richmond	Hospice Haven of Richmond County	6	0	6	1,419	64.79%
Robeson	Southeastern Regional Medical Center	12	0	12	1,833	41.85%
Rockingham	Hospice of Rockingham County, Inc.	5	0	5	1,192	65.32%
Rowan	Glenn A. Kiser Hospice House	7	0	7	1,583	61.96%
Rutherford	Hospice of Rutherford County, Inc.	10	0	10	2,293	62.82%
Scotland	Scotland Regional Hospice	6	0	6	1,624	74.16%
Surry	* Mountain Valley Hospice and Palliative Care	13	3	16	4,524	83.15%
Union	Hospice of Union County	6	0	6	881	40.23%
Wake	Transitions LifeCare	14	0	14	4,827	94.46%
Wayne	3HC/Kitty Askins Hospice Center	12	0	12	3,703	84.54%
Grand Totals		420	17	437	105,716	

*Occupancy rate adjusted for beds open during the data reporting year or for part of data reporting year.

Figures were taken from the 2016 Hospice Data Supplements. Data were self reported to Healthcare Planning.

Table 13E: Hospice Residential Facilities

County	License Number	Facility	Number of Licensed Beds	Number of Beds CON Approved/ License Pending
Alamance	HOS1136	Hospice Home of Alamance Caswell	8	0
Buncombe	HOS0113	CarePartners Hospice & Palliative Care Services	2	0
Burke	HOS1670	Burke Palliative Care Center	6	0
Cabarrus	HOS3389	Hospice & Palliative Care of Cabarrus County	10	0
Caldwell	HOS4155	Caldwell Hospice & Palliative Care	4	0
Caldwell	HOS0185	Caldwell Hospice and Palliative Care, Inc.	2	0
Carteret	HOS4623	SECU Crystal Coast Hospice House	4	0
Catawba	HOS3144	Catawba Valley Hospice House	10	0
Chatham		UNC Hospitals - Chatham County	0	4
Cleveland	HOS1413	Wendover Hospice House	10	0
Cleveland	HOS4089	Testa Family Hospice House	4	0
Davidson	HOS3784	Hospice of Davidson County/Hinkle Hospice House	4	0
Forsyth	HOS1603	Kate B. Reynolds Hospice Home	10	0
Gaston	HOS3717	Robin Johnson House - Gaston Hospice	6	0
Guilford	HOS3522	Hospice Home at High Point	3	0
Guilford	HOS1416	Hospice & Palliative Care Greensboro-Beacon Place	3	0
Johnston	HOS4088	SECU Hospice House of Johnston Health	6	0
Randolph	HOS4307	The Randolph Hospice House	4	0
Rockingham	HOS0398	Hospice of Rockingham County, Inc.	3	0
Rowan	HOS4599	Glenn A. Kiser Hospice House	7	0
Rutherford	HOS2891	Hospice of Rutherford County, Inc.	8	0
Scotland	HOS3031	Scotland Regional Hospice	6	0
Surry	HOS3796	Mountain Valley Hospice and Palliative Care	4	0
Union	HOS0405	Hospice of Union County	20	0
Wake	HOS1595	Transitions LifeCare	6	0
Wayne	HOS1324	3HC/Kitty Askins Hospice Center	12	0
Yadkin		Yadkinville Care Center	0	2
Grand Totals			162	6

Table 13F: Inventory of Hospice Residential Beds

County	CON Award	Operational Facility
Alamance	0	8
Alexander		
Alleghany		
Anson		
Ashe		
Avery		
Beaufort		
Bertie		
Bladen		
Brunswick		
Buncombe	0	2
Burke	0	6
Cabarrus	0	10
Caldwell	0	6
Camden		
Carteret	0	4
Caswell		
Catawba	0	10
Chatham	4	0
Cherokee		
Chowan		
Clay		
Cleveland	0	14
Columbus		
Craven		
Cumberland		
Currituck		
Dare		
Davidson	0	4
Davie		
Duplin		
Durham		
Edgecombe		
Forsyth	0	10
Franklin		
Gaston	0	6
Gates		
Graham		
Granville		
Greene		
Guilford	0	6
Halifax		
Harnett		
Haywood		
Henderson		
Hertford		
Hoke		
Hyde		
Iredell		
Jackson		
Johnston	0	6
Jones		
Lee		

Table 13F: Inventory of Hospice Residential Beds

County	CON Award	Operational Facility
Lenoir		
Lincoln		
Macon		
Madison		
Martin		
McDowell		
Mecklenburg		
Mitchell		
Montgomery		
Moore		
Nash		
New Hanover		
Northampton		
Onslow		
Orange		
Pamlico		
Pasquotank		
Pender		
Perquimans		
Person		
Pitt		
Polk		
Randolph	0	4
Richmond		
Robeson		
Rockingham	0	3
Rowan	0	7
Rutherford	0	8
Sampson		
Scotland	0	6
Stanly		
Stokes		
Surry	0	4
Swain		
Transylvania		
Tyrrell		
Union	0	20
Vance		
Wake	0	6
Warren		
Washington		
Watauga		
Wayne	0	12
Wilkes		
Wilson		
Yadkin	2	0
Yancey		
Grand Totals	6	162

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is a need for one additional hospice home care agency or office in Cumberland County as shown in Table 13G. There is no need anywhere else in the state and no other reviews are scheduled.

Table 13G: Hospice Home Care Office Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the county listed in the table below needs an additional hospice home care agency or office as specified.

County	HSA	Hospice Home Office Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Cumberland	V	1	June 15, 2017	July 1, 2017
It is determined that there is no need for additional hospice home agencies or offices anywhere 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).

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there was a need for nine hospice inpatient hospice inpatient beds in Cumberland County and seven hospice inpatient beds in Wake County. However, the State Health Coordinating Council approved a petition to remove the need in Wake County as shown in Table 13H. There is no need anywhere in the state and no other reviews are scheduled.

Table 13H: Hospice Inpatient Bed Need Determinations

(Scheduled for Certificate of Need Review Commencing in 2017)

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
Cumberland	V	9	April 17, 2017	May 1, 2017
It is determined that there is no need for additional hospice inpatient beds anywhere 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 State Health Coordinating Council approved a petition to remove the need for seven hospice inpatient beds in Wake County.

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 2016 North Carolina Semiannual Dialysis Report,” there were 196 End-Stage Renal Disease (ESRD) dialysis facilities certified and operating in North Carolina providing a total of 4,801 dialysis stations. Certificates of need had been issued for an additional 196 dialysis stations, but the stations were not yet certified. Another 86 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 16.

For the July 2016 North Carolina Semiannual Dialysis Report, utilization data were based on reported numbers of patients obtained from certified dialysis providers. Of the 193 certified facilities operational on December 31, 2015, 93 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 to the dialysis need methodology have been incorporated into the North Carolina 2017 State Medical Facilities Plan. Dates have been advanced by one year, as needed to represent the time period for the 2017 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. Healthcare Planning will maintain a list of existing facilities and stations, utilization rates, and projected need by county that is updated 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 Healthcare Planning 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 Healthcare Planning.

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 to the Division of Health Service Regulation, Healthcare Planning and Certificate of Need Section for four consecutive Semiannual Dialysis Reports 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. number 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; and
 - 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 Certificate of Need and from the Acute and Home Care 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, 2016 and as of December 31, 2016 shall be provided by End-Stage Renal Disease providers operating certified dialysis facilities to the Division of Health Service Regulation, Healthcare Planning and Certificate of Need Section.

Method for Projecting New Dialysis Station Need

Healthcare Planning 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 D*). The Semiannual Dialysis Reports will use facility, station and active patient data as of June 30, 2016 for the "January 2017 SDR" and as of December 31, 2016 for the "July 2017 SDR." A new five-year trend line will be established in the "July 2017 SDR" based on data as reported to the Division of Health Service Regulation, Healthcare Planning and Certificate of Need Section for the time period ending December 31, 2016. Need for new dialysis stations shall be determined as follows:

1. **County Need** (*for the January 2017 SDR – Using the trend line ending with 12/31/2015 data*)
 - a. The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2011 to the end of 2015 is multiplied by the county's June 30, 2016 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, 2017 patients.
 - b. The percent of each county's total patients who were home dialysis patients on June 30, 2016 is multiplied by the county's projected total June 30, 2017 patients, and the product is subtracted from the county's projected total June 30,

2017 patients. The remainder is the county's projected June 30, 2017 in-center dialysis patients.

- c. The projected number of each county's June 30, 2017 in-center patients is divided by 3.2. The quotient is the projection of the county's June 30, 2017 in-center dialysis stations.
 - d. From each county's projected number of June 30, 2017 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, 2017 projected station surplus or deficit.
 - e. If a county's June 30, 2017 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, 2017 county station need determination is the same as the June 30, 2017 projected station deficit. If a county's June 30, 2017 projected station deficit is 10 or greater and the January SDR shows the county has no dialysis facility located in the county, then the June 30, 2017 county station need determination is the same as the June 30, 2017 projected station deficit. If a county's June 30, 2017 projected station deficit is less than 10 or if the utilization of any dialysis facility in the county is less than 80 percent, the county's June 30, 2017 station need determination is zero.
2. County Need (*for the July 2017 SDR – Using a new trend line based on 12/31/2016 data*)
- a. The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2012 to the end of 2016 is multiplied by the county's December 31, 2016 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, 2017 patients.
 - b. The percent of each county's total patients who were home dialysis patients on December 31, 2016 is multiplied by the county's projected total December 31, 2017 patients, and the product is subtracted from the county's projected total December 31, 2017 patients. The remainder is the county's projected December 31, 2017 in-center dialysis patients.
 - c. The projected number of each county's December 31, 2017 in-center patients is divided by 3.2. The quotient is the projection of the county's December 31, 2017 in-center dialysis stations.
 - d. From each county's projected number of December 31, 2017 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 December 31, 2017 projected station surplus or deficit.

- e. If a county's December 31, 2017 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, 2017 county station need determination is the same as the December 31, 2017 projected station deficit. If a county's December 31, 2017 projected station deficit is 10 or greater and the July SDR shows the county has no dialysis facility located in the county, then the December 31, 2017 county station need determination is the same as the December 31, 2017 projected station deficit. If a county's December 31, 2017 projected station deficit is less than 10 or if the utilization of any dialysis facility in the county is less than 80 percent, the county's December 31, 2017 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, 2016 until December 31, 2016*) for the January 2, 2017 SDR and by 12 (*the number of months from December 31, 2015 until December 31, 2016*) for the July 1, 2017 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 application has been approved. 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 in 2017 shall be as follows:

Data for Period Ending	Publication of Semi-annual Dialysis Report	Certificate of Need Application Due Dates	Certificate of Need Beginning Review Dates
June 30, 2016	January 2, 2017	March 15, 2017	April 1, 2017
December 31, 2016	July 3, 2017	September 15, 2017	October 1, 2017

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.

Need Determination

Application of the county need methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional dialysis stations anywhere in the state. However, in response to a petition from Graham County Commissioners, the State Health Coordinating Council approved an adjusted need determination for a minimum of five dialysis stations and a maximum projected as needed stations for Graham County in the Semiannual Dialysis Report available prior to the certificate of need application due date. Certificate of Need shall impose a condition requiring the approved applicant to document that it has applied for Medicare certification no later than three (3) years from the effective date on the certificate of need. Graham County will remain in the Cherokee-Graham-Clay service area.

Table 14A: Dialysis Station Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the county listed in the table below needs additional dialysis stations as specified.

County	HSA	Number of Dialysis Stations, Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Graham***	I	Minimum 5 stations; Maximum as projected in the January 2017 SDR	March 15, 2017	April 1, 2017
It is determined, based on the County Need portion of the methodology, that there is no need for dialysis stations anywhere else in the state.				

* 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).

*** In response to a petition, the State Health Coordinating Council approved an adjusted need determination for a minimum of five dialysis stations and a maximum projected as needed stations for Graham County in the Semiannual Dialysis Report available prior to the certificate of need application due date. Certificate of Need shall impose a condition requiring the approved applicant to document that it has applied for Medicare certification no later than three (3) years from the effective date on the certificate of need. Graham County will remain in the Cherokee-Graham-Clay service area.

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 2017 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 or one or more of the local management entities-managed care organizations (LME-MCOs) (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.

Changes from the Previous Plan

One substantive change to the methodology has been incorporated into the North Carolina 2017 State Medical Facilities Plan. Part 1, Step 2 of the methodology has been eliminated. Days of care for children/adolescents are no longer adjusted downward by 20 percent. The Basic Assumptions of the Methodology were updated to reflect LME-MCO coverage area changes due to a merger in 2016. CenterPoint Human Services merged with Cardinal Innovations Healthcare Solutions, resulting in a reduction from eight LME-MCOs to seven LME-MCOs.

Throughout the chapter, data have been revised to reflect services provided during FY 2014-2015, and dates have been advanced by one year, where appropriate. The base year is changed to 2015 and the base year utilization data is applied to Year 2019 population estimates.

Basic Principles

Services for people with a mental disorder should be organized in such a way that a continuum of care is available. Because needs of people with a mental disorder 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.

Summary of Bed Supply and Utilization

Psychiatric inpatient services are provided by four state-owned regional hospitals, by specialty hospitals and by general acute care hospitals with designated psychiatric units. The non-state hospitals have 2,060 licensed beds and provided a total of 586,587 days of care during the 12-month period ending September 30, 2015 – 22.6 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 2015 utilization data obtained from Truven Health Analytics, a collector of hospital patient discharge information. The data were gathered from all acute care hospitals and specialty psychiatric hospitals in North Carolina. 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. Where data from Truven Health Analytics were not available, utilization data were obtained from the 2016 “Mental Health/Substance Abuse Hospital License Renewal Application” submitted to the North Carolina Department of Health and Human Services, Division of Health Service Regulation.

Basic Assumptions of the Methodology

1. A psychiatric inpatient bed’s service area is the catchment area for the LME-MCO for mental health, developmental disabilities and substance use disorder services in which the bed is located. The counties comprising each of the seven LME-MCO catchment areas for mental health, developmental disabilities and substance use disorder 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.
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 2017 State Medical Facilities Plan is projected for Year 2019.

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 and Certification Section; Certificate of Need; and the North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services.

Population Data:

North Carolina Office of State Budget and Management (OSBM).

Utilization Data:

Truven Health Analytics collected data for the period from October 2014 through September 2015 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. Where data from Truven Health Analytics were not available, utilization data were obtained from the 2016 “Mental Health/Substance Abuse Hospital License Renewal Application” submitted to the North Carolina Department of Health and Human Services, Division of Health Service Regulation.

Application of the Methodology

Each step explained below is applied to the seven LME-MCOs to arrive at bed surpluses/deficits in each LME-MCO.

Part 1: Determining Projected Patient Days of Care and Bed Need for Children and Adolescents

- Step 1: The estimated Year 2019 days of care for children/adolescents is determined by taking the actual 2015 days of care for the age group birth through 17, multiplying that number by the projected Year 2019 child/adolescent population and then dividing by the Year 2015 child/adolescent population.
- Step 2: The adjusted Year 2019 days of care is divided by 365 and then by 75 percent to arrive at the child/adolescent bed need in Year 2019, assuming 75 percent occupancy.
- Step 3: The planning inventory is determined based on licensed beds, adjusted for CON-Approved/License Pending beds and beds available in prior Plans that have not been CON-approved. The number of existing child/adolescent beds in the planning inventory is then subtracted from the bed need (from Step 2) in order to arrive at the Year 2019 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 2019 days of care for adults is determined by taking the actual Year 2015 days of care for the age group 18 and over, multiplying that number by the projected Year 2019 adult population and then dividing by the Year 2015 adult population.
- Step 2: The projected Year 2019 days of care is divided by 365 and then divided by 75 percent to arrive at the adult bed need in Year 2019, assuming 75 percent occupancy.
- Step 3: The planning inventory is determined based on licensed beds, adjusted for CON-Approved/License Pending beds and beds available in prior Plans that have not been CON-approved. 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 2019 unmet bed need for adults.

**Table 15A: Inventory of Psychiatric Beds, Excluding State Hospitals
By Local Management Entity-Managed Care Organization (LME-MCO)**

Local Management Entity-Managed Care Organization	Hospital	County	Licensed Adult Beds	Licensed Child/Adol Beds	Total Licensed Beds	License Pending		Available in SMFP Adult	Available in SMFP Child/Adol	Total Adult Inventory	Total Child/Adol Inventory	Total All Beds
						CON Adult	CON Child/Adol					
Alliance Behavioral Healthcare	Cape Fear Valley Medical Center	Cumberland	28	0	28	0	0	0	0	28	0	28
	Duke Regional Hospital	Durham	23	0	23	0	0	0	0	23	0	23
	Duke University Medical Center	Durham	19	0	19	0	0	0	0	19	0	19
	Veritas Collaborative *	Durham	0	6	6	0	0	0	0	0	6	6
	Johnston Health	Johnston	20	0	20	0	0	0	0	20	0	20
	Holly Hill Hospital	Wake	117	60	177	55	0	0	0	172	60	232
	Strategic Behavioral Center-Garner **	Wake	0	32	32	24	0	0	0	24	32	56
	Triangle Springs	Wake	0	0	0	43	0	0	0	43	0	43
UNC Hospitals at WakeBrook **	Wake	16	0	16	12	0	0	0	28	0	28	
Alliance Behavioral Healthcare Totals			223	98	321	134	0	0	0	357	98	455
Cardinal Innovations Healthcare Solutions	Alamance Regional Medical Center	Alamance	36	8	44	0	0	0	0	36	8	44
	Carolinas Medical Center - Northeast	Cabarrus	10	0	10	0	0	0	0	10	0	10
	Novant Health Thomasville Medical Center	Davidson	45	0	45	0	0	0	0	45	0	45
	North Carolina Baptist Hospital	Forsyth	24	20	44	0	0	0	0	24	20	44
	Novant Health Forsyth Medical Center	Forsyth	80	0	80	0	0	0	0	80	0	80
	Old Vineyard Youth Services**	Forsyth	78	18	96	26	34	0	0	104	52	156
	Novant Health Franklin Medical Center (closed)	Franklin	13	0	13	0	0	0	0	13	0	13
	Halifax Regional Medical Center	Halifax	20	0	20	0	0	0	0	20	0	20
	Carolinas Medical Center (Behavioral Health)	Mecklenburg	110	22	132	0	0	0	0	110	22	132
	Novant Health Presbyterian Medical Center	Mecklenburg	55	20	75	0	0	0	0	55	20	75
	SBH-Charlotte**	Mecklenburg	0	0	0	0	24	0	0	0	24	24
	University of North Carolina Hospitals	Orange	58	18	76	0	0	0	0	58	18	76
	Novant Health Rowan Medical Center (Lifeworks Behavioral Health Unit)	Rowan	40	0	40	0	0	0	0	40	0	40
Carolinas HealthCare System - Stanly	Stanly	12	0	12	0	0	0	0	12	0	12	
Pioneer Community Hospital of Stokes	Stokes	6	0	6	0	0	0	0	6	0	6	
Cardinal Innovations Healthcare Solutions Totals			587	106	693	26	58	0	0	613	164	777
Eastpointe	Vidant Duplin Hospital	Duplin	25	0	25	0	0	0	0	25	0	25
	Nash General Hospital	Nash	44	0	44	0	0	0	0	44	0	44
	Southeastern Regional Medical Center	Robeson	33	0	33	0	0	0	0	33	0	33
	Wayne Memorial Hospital	Wayne	61	0	61	0	0	0	0	61	0	61
	Wilson Medical Center	Wilson	23	0	23	0	0	0	0	23	0	23
Eastpointe Totals			186	0	186	0	0	0	0	186	0	186
Partners Behavioral Health Management	Carolinas HealthCare System - Blue Ridge	Burke	22	0	22	0	0	0	0	22	0	22
	Catawba Valley Medical Center	Catawba	38	0	38	0	0	0	0	38	0	38
	Frye Regional Medical Center	Catawba	84	0	84	0	0	0	0	84	0	84
	Carolinas HealthCare System Kings Mountain	Cleveland	14	0	14	0	0	0	0	14	0	14
	CaroMont Regional Medical Center	Gaston	36	27	63	0	0	0	0	36	27	63
Davis Regional Medical Center	Iredell	28	0	28	0	0	0	0	28	0	28	
Partners Behavioral Health Management Totals			222	27	249	0	0	0	0	222	27	249

**Table 15A: Inventory of Psychiatric Beds, Excluding State Hospitals
By Local Management Entity-Managed Care Organization (LME-MCO)**

Local Management Entity-Managed Care Organization	Hospital	County	Licensed Adult Beds	Licensed Child/Adol Beds	Total Licensed Beds	License Pending		Available in SMFP Adult	Available in SMFP Child/Adol	Total Adult Inventory	Total Child/Adol Inventory	Total All Beds
						CON Adult	CON Child/Adol					
Sandhills Center	Cone Health (Behavioral Health Center)	Guilford	50	30	80	0	0	0	0	50	30	80
	High Point Regional Health System	Guilford	24	0	24	0	0	0	0	24	0	24
	Good Hope Hospital	Harnett	16	0	16	0	0	0	0	16	0	16
	Central Carolina Hospital	Lee	10	0	10	0	0	0	0	10	0	10
	FirstHealth Moore Regional Hospital	Moore	36	0	36	0	0	0	0	36	0	36
	Sandhills Regional Medical Center	Richmond	10	0	10	0	0	0	0	10	0	10
Sandhills Center Totals			146	30	176	0	0	0	0	146	30	176
Smoky Mountain Center	Alexander Hospital***	Alexander	0	0	0	25	0	0	0	25	0	25
	Charles A. Cannon Memorial Hospital (Appalachian Behavioral Healthcare)	Avery	10	0	10	0	0	0	0	10	0	10
	Mission Hospital/Copstone Center	Buncombe	45	17	62	0	0	0	0	45	17	62
	Caldwell Memorial Hospital	Caldwell	0	0	0	27	0	0	0	27	0	27
	Haywood Regional Medical Center ***	Haywood	16	0	16	17	0	0	0	33	0	33
	Margaret R. Pardee Memorial Hospital	Henderson	21	0	21	0	0	0	0	21	0	21
	Park Ridge Health	Henderson	41	0	41	0	0	0	0	41	0	41
	St. Luke's Hospital	Polk	10	0	10	0	0	0	0	10	0	10
Rutherford Regional Medical Center	Rutherford	14	0	14	0	0	0	0	14	0	14	
Smoky Mountain Center Totals			157	17	174	69	0	0	0	226	17	243
Trillium	Vidant Beaufort Hospital	Beaufort	22	0	22	0	0	0	0	22	0	22
	Strategic Behavioral Center - Leland	Brunswick	0	20	20	20	0	0	0	20	20	40
	CarolinaEast Medical Center	Craven	23	0	23	0	0	0	0	23	0	23
	Vidant Roanoke-Chowan Hospital	Hertford	28	0	28	0	0	0	0	28	0	28
	New Hanover Regional Medical Center	New Hanover	62	0	62	0	0	0	0	62	0	62
	Brynn Marr Behavioral Health System**	Onslow	12	42	54	0	18	0	0	12	60	72
Vidant Medical Center	Pitt	52	0	52	0	0	0	0	52	0	52	
Trillium Totals			199	62	261	20	18	0	0	219	80	299
State Totals			1,720	340	2,060	249	76	0	0	1,969	416	2,385

* Excludes 25 adult CON-approved beds for eating disorder patients, approved pursuant to a special need determination in the 2014 SMFP. These beds are not included in the inventory used to project need for adult psychiatric inpatient beds.

** CON-approved projects which are Policy PSY-1 bed transfers from State Psychiatric Hospitals.

*** Adult beds are to be converted from acute care beds to inpatient psychiatric beds. This conversion is exempt from certificate of need review, pursuant to G.S. 131E-184(c).

**Table 15B: 2019 Projections of Psychiatric Bed Need
By Local Management Entity-Managed Care Organization (LME-MCO)
Part 1. Projection of Child/Adolescent Psychiatric Bed Need for 2019**

Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H	Column I
Local Management Entity-Managed Care Organization	2015 <18 Days of Care	2015 <18 Population Projected	2019 <18 Population Projected	2019 <18 Projected Days of Care	<18 Number of Beds Needed	<18 Total Beds Needed	Child/Adol Inventory	Child/Adol Need (Surplus or Deficit) Deficits are "-"
Formula				$(\text{Column B} \times \text{Column D}) / \text{Column C}$	$\text{Column E} / 365$	$\text{Column F} / 75\%$		$\text{Column H} - \text{Column G}$
Alliance Behavioral Healthcare: Cumberland, Durham, Johnston, Wake	35,607	454,335	466,675	36,574	100	134	98	-36
Cardinal Innovations Healthcare Solutions: Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Forsyth, Franklin, Granville, Halifax, Mecklenburg, Orange, Person, Rockingham, Rowan, Stanly, Stokes, Union, Vance, Warren	35,209	707,556	712,534	35,457	97	130	164	34
Eastpointe: Bladen, Columbus, Duplin, Edgecombe, Greene, Lenoir, Nash, Robeson, Sampson, Scotland, Wayne, Wilson	10,146	194,529	186,619	9,733	27	36	0	-36
Partners Behavioral Health Management: Burke, Catawba, Cleveland, Gaston, Iredell, Lincoln, Surry, Yadkin	8,023	204,517	197,662	7,754	21	28	27	-1
Sandhills Center: Anson, Guilford, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	13,178	256,492	254,503	13,076	36	48	30	-18
Smoky Mountain Center: Alexander, Alleghany, Ashe, Avery, Buncombe, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, Watauga, Wilkes, Yancey	8,787	208,409	205,110	8,648	24	32	17	-15
Trillium: Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, New Hanover, Northampton, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Onslow, Tyrrell, Washington	21,545	276,341	282,039	21,989	60	80	80	0
Child/Adolescent Grand Totals	132,495	2,302,179	2,305,142	133,231	365	487	416	

**Table 15B: 2019 Projections of Psychiatric Bed Need
By Local Management Entity-Managed Care Organization (LME-MCO)
Part 2. Projection of Adult Psychiatric Bed Need for 2019**

Column A	Column K	Column L	Column M	Column N	Column O	Column P	Column Q	Column R
Local Management Entity-Managed Care Organization	2015 18+ Days of Care	2015 18+ Population Projected	2019 18+ Population Projected	2019 18+ Projected Days of Care	Number of Beds Adults Needed	Total Beds Needed	Adult Inventory	Adult Bed Need (Surplus or Deficit) Deficits are "-"
Formula				(Column K x Column M) / Column L	Column N / 365	Column O / 75%		Column Q - Column P
Alliance Behavioral Healthcare: Cumberland, Durham, Johnston, Wake	96,630	1,363,386	1,475,694	104,590	287	382	357	-25
Cardinal Innovations Healthcare Solutions: Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Forsyth, Franklin, Granville, Halifax, Mecklenburg, Orange, Person, Rockingham, Rowan, Stanly, Stokes, Union, Vance, Warren	121,886	2,327,738	2,485,674	130,156	357	475	613	138
Eastpointe: Bladen, Columbus, Duplin, Edgecombe, Greene, Lenoir, Nash, Robeson, Sampson, Scotland, Wayne, Wilson	42,278	629,628	639,845	42,964	118	157	186	29
Partners Behavioral Health Management: Burke, Catawba, Cleveland, Gaston, Iredell, Lincoln, Surry, Yadkin	40,182	712,625	737,848	41,604	114	152	222	70
Sandhills Center: Anson, Guilford, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	42,195	836,395	873,819	44,083	121	161	146	-15
Smoky Mountain Center: Alexander, Alleghany, Ashe, Avery, Buncombe, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, Watauga, Wilkes, Yancey	54,954	880,060	911,244	56,901	156	208	226	18
Trillium: Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, New Hanover, Northampton, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Tyrrell, Washington	55,967	1,002,711	1,041,020	58,105	159	212	219	7
Adult Grand Totals	454,092	7,752,543	8,165,144	478,403	1,311	1,748	1,969	

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined the need for 106 child/adolescent psychiatric inpatient beds, as shown in Table 15C (1). There is no need anywhere else in the state and no other reviews are scheduled.

Table 15C (1): Child/Adolescent Psychiatric Inpatient Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the counties listed in the table below need additional child/adolescent psychiatric inpatient beds as specified.

Local Management Entity-Managed Care Organization (LME-MCO) and Counties	HSA	Child/Adolescent Psychiatric Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Alliance Behavioral Healthcare: Cumberland, Durham, Johnston, Wake	IV, V	36	May 15, 2017	June 1, 2017
Eastpointe: Bladen, Columbus, Duplin, Edgecombe, Greene, Lenoir, Nash, Robeson, Sampson, Scotland, Wayne, Wilson	V, VI	36	August 15, 2017	September 1, 2017
Partners Behavioral Health Management: Burke, Catawba, Cleveland, Gaston, Iredell, Lincoln, Surry, Yadkin	I, II, III	1	March 15, 2017	April 1, 2017
Sandhills Center: Anson, Guilford, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	II, IV, V	18	July 17, 2017	August 1, 2017
Smoky Mountain Center: Alleghany, Alexander, Ashe, Avery, Buncombe, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, Watauga, Wilkes, Yancey	I	15	August 15, 2017	September 1, 2017
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).

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined the need for 40 adult psychiatric inpatient beds, as shown in Table 15C (2). There is no need anywhere else in the state and no other reviews are scheduled.

Table 15C (2): Adult Psychiatric Inpatient Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the counties listed in the table below need additional adult psychiatric inpatient beds as specified.

Local Management Entity- Managed Care Organization (LME-MCO) and Counties	HSA	Adult Psychiatric Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Alliance Behavioral Healthcare: Cumberland, Durham, Johnston, Wake	IV, V	25	May 15, 2017	June 1, 2017
Sandhills Center: Anson, Guilford, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	II, IV, V	15	July 17, 2017	August 1, 2017
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).

Chapter 16:

Substance Use Disorder Inpatient and Residential Services
(Chemical Dependency Treatment Beds)

CHAPTER 16

SUBSTANCE USE DISORDER INPATIENT AND RESIDENTIAL SERVICES (CHEMICAL DEPENDENCY TREATMENT BEDS)

Summary of Bed Supply and Utilization

Three state-operated Alcohol and Drug Abuse Treatment Centers are certified by the Centers for Medicare & Medicaid Services as acute inpatient psychiatric hospitals and provide substance use disorder/psychiatric stabilization and treatment.

Changes from the Previous Plan

No substantive changes have been incorporated into the North Carolina 2017 State Medical Facilities Plan. The Basic Assumptions of the Methodology were updated to reflect LME-MCO coverage area changes due to a merger in 2016. CenterPoint Human Services merged with Cardinal Innovations Healthcare Solutions, resulting in a reduction from eight LME-MCOs to seven LME-MCOs.

Throughout the chapter, data have been revised to reflect services provided during fiscal year 2014-2015, and dates have been advanced by one year, where appropriate. The base year is changed to 2015 and the base year utilization data is applied to Year 2019 population estimates.

Basic Principles

Services for people with a substance use disorder should be organized in such a way that a continuum of care is available. Because their needs vary greatly, people with a substance use disorder 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 use disorder 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 use disorders. 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 substance use disorder-related services addressing his/her physical, emotional, psychological and social needs.

In addition, 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 use disorder 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 use disorder 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 2017 State Medical Facilities Plan is projected for Year 2019.

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 and Certification Section; Certificate of Need; and Division of State Operated Healthcare Facilities.

Population Data:

North Carolina Office of State Budget and Management.

Utilization Data:

Truven Health Analytics collected data for the period from October 2014 through September 2015 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. Where data from Truven Health Analytics were not available, utilization data were obtained from the 2016 “Mental Health/Substance Abuse Hospital License Renewal Application” and the “Substance Abuse Residential Treatment Data Collection Form,” as attached to the 2016 “Renewal License Application for MH/DD/SAS Facilities,” submitted to the North Carolina Department of Health and Human Services, Division of Health Service Regulation.

Methodology for Determining Chemical Dependency (Substance Use Disorder) Treatment Bed Need

The methodology is based on 2015 hospital utilization data obtained from Truven Health Analytics, a collector of hospital patient discharge information. Data reflecting utilization of chemical dependency (substance use disorder) residential treatment facilities and mental health hospitals who did not submit data to Truven Health Analytics in 2015 were derived from the 2016 “Substance Abuse Residential Treatment Data Collection Form” and the 2016 “Mental Health/Substance Abuse Hospital License Renewal

Application,” as submitted to the North Carolina Division of Health Service Regulation. The data collected and calculated include the number of discharges, days of care, and average lengths of stay for all substance use disorder 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 LME-MCOs comprising the three mental health planning regions are listed in Table 16B. The counties comprising each of the seven LME-MCO catchment areas for mental health, developmental disabilities and substance use disorder services are listed in Table 15 B Part 1 & Part 2. Each step explained below is applied individually to the seven mental health LME-MCOs, and then bed surpluses/deficits in the LME-MCOs are combined to arrive at the total surpluses/deficits for the three 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 2019 days of care for all age groups is determined by taking the actual Year 2015 days of care, multiplying that number by the projected Year 2019 population and then dividing by the Year 2015 population.
- Step 2: The Year 2019 days of care is divided by 365 and then by 85 percent to arrive at the total bed need in Year 2019, assuming an 85 percent occupancy. Eighty-five percent has been determined to be the target occupancy rate for chemical dependency (substance use disorder) 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 planning inventory is determined based on licensed beds, adjusted for CON-Approved/License Pending beds and beds available in prior Plans that have not been CON-approved. 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 2019 *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 2019 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 2019 child/adolescent unmet bed need.
- Step 4: The adult bed need is then calculated by subtracting the child/adolescent bed “surplus/deficit” from the total bed “surplus/deficit.”

**Table 16A: Inventory of Chemical Dependency (Substance Use Disorder) Beds, Excluding State Facilities
By Local Management Entity-Managed Care Organization (LME-MCO) & Mental Health Planning Region**

Local Management Entity-Managed Care Organization	Facility Name	Type	HSA	County	Total All Beds	Detox/Treatment Beds: Total					Detox/Treatment Beds: Adult					Detox/Treatment Beds: Child/Adolescent				Detox Only Beds **
						Total Planning Inventory	Total Licensed Beds	CON Not Yet Licensed	Available in SMFP	Total Planning Inventory	Total Licensed Beds	CON Not Yet Licensed	Available in SMFP	Total Planning Inventory	Total Licensed Beds	CON Not Yet Licensed	Available in SMFP	Total Licensed Beds		
Eastpointe	Nash General Hospital	H	VI	Nash	16	16	16	0	0	16	16	0	0	0	0	0	0	0	0	0
	Community Outreach Youth Services	R	V	Robeson	8	8	0	8	0	0	0	0	0	0	8	0	8	0	0	0
EASTPOINTE TOTALS					24	24	16	8	0	16	16	0	0	8	0	8	0	0	0	
Trillium	The Wilmington Treatment Center	H	V	New Hanover	44	44	44	0	0	44	44	0	0	0	0	0	0	0	0	
	Brynn Marr Behavioral Health System	H	VI	Onslow	12	12	12	0	0	12	12	0	0	0	0	0	0	0	0	
TRILLIUM TOTALS					56	56	56	0	0	56	56	0	0	0	0	0	0	0	0	
Eastern Region Totals					80	80	72	8	0	72	72	0	0	8	0	8	0	0		
Alliance Behavioral Healthcare	Cape Fear Valley Medical Center *	H	V	Cumberland	11	4	4	0	0	4	4	0	0	0	0	0	0	0	7	
	Holly Hill Hospital	H	IV	Wake	28	28	28	0	0	28	28	0	0	0	0	0	0	0	0	
	Triangle Springs	R	IV	Wake	34	34	0	34	0	34	0	34	0	0	0	0	0	0	0	
ALLIANCE BEHAVIORAL HEALTHCARE TOTALS					73	66	32	34	0	66	32	34	0	0	0	0	0	0	7	
Cardinal Innovations Healthcare Solutions	Alamance Regional Medical Center	H	II	Alamance	12	12	12	0	0	0	0	0	0	12	12	0	0	0	0	
	Path of Hope, Men	R	II	Davidson	12	12	12	0	0	12	12	0	0	0	0	0	0	0	0	
	Path of Hope, Women	R	II	Davidson	6	6	6	0	0	6	6	0	0	0	0	0	0	0	0	
	Addiction Recovery Care Association *	R	II	Forsyth	48	36	36	0	0	36	36	0	0	0	0	0	0	0	12	
	Old Vineyard Youth Services	H	II	Forsyth	8	8	8	0	0	4	4	0	0	4	4	0	0	0	0	
	McLeod Addictive Disease Center */***	R	III	Mecklenburg	36	30	30	0	0	30	30	0	0	0	0	0	0	0	6	
	Anuvia Prevention & Recovery Center *	R	III	Mecklenburg	41	32	32	0	0	32	32	0	0	0	0	0	0	0	9	
	Carolinas Med. Ctr (Behavioral Health)	H	III	Mecklenburg	11	11	11	0	0	11	11	0	0	0	0	0	0	0	0	
	UNC Hospitals	H	IV	Orange	16	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
	Novant Health Rowan Medical Center	H	III	Rowan	15	15	15	0	0	15	15	0	0	0	0	0	0	0	0	
CHS Behavioral Health - First Step **	R	III	Union	0	0	16	-16	0	0	16	-16	0	0	0	0	0	0	0		
CARDINAL INNOVATIONS HEALTHCARE SOLUTIONS					205	162	178	-16	0	146	162	-16	0	16	16	0	0	43		
Sandhills Center	Daymark Guilford Co. Treatment Facility *	R	II	Guilford	51	40	40	0	0	40	40	0	0	0	0	0	0	0	11	
	Fellowship Hall	H	II	Guilford	99	99	60	39	0	99	60	39	0	0	0	0	0	0	0	
	High Point Regional Hospital	H	II	Guilford	4	4	4	0	0	4	4	0	0	0	0	0	0	0	0	
	Mose Kiser, Jr. Lodge (of Fellowship Hall)	R	II	Guilford	24	24	24	0	0	24	24	0	0	0	0	0	0	0	0	
	FirstHealth Moore Regional Hospital	H	V	Moore	14	14	14	0	0	14	14	0	0	0	0	0	0	0	0	
	Samaritan Colony	R	V	Richmond	12	12	12	0	0	12	12	0	0	0	0	0	0	0	0	
SANDHILLS CENTER TOTALS					204	193	154	39	0	193	154	39	0	0	0	0	0	11		
Central Region Totals					482	421	364	57	0	405	348	57	0	16	16	0	0	61		
Partners Behavioral Health Management	Frye Regional Medical Center	H	I	Catawba	16	16	16	0	0	16	16	0	0	0	0	0	0	0	0	
	Carolinas HealthCare System Kings Mountain*	H	I	Cleveland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Phoenix Counseling Center *	R	III	Gaston	11	6	6	0	0	6	6	0	0	0	0	0	0	0	5	
	Hope Valley, Men *	R	II	Surry	30	22	22	0	0	22	22	0	0	0	0	0	0	0	8	
	Hope Valley, Women	R	II	Surry	8	8	8	0	0	8	8	0	0	0	0	0	0	0	0	
PARTNERS BEHAVIORAL HEALTH MANAGEMENT TOTALS					65	52	52	0	0	52	52	0	0	0	0	0	0	0	13	
Smoky Mountain Center	Alexander Youth Services	R	I	Alexander	15	15	0	15	0	0	0	0	0	15	0	15	0	0		
	Robert Swain Recovery Center	R	I	Buncombe	22	22	22	0	0	16	16	0	0	6	6	0	0	0		
	Pavillon International *	R	I	Polk	51	46	46	0	0	46	46	0	0	0	0	0	0	0	5	
	Transylvania Regional Hospital	H	I	Transylvania	40	40	40	0	0	40	40	0	0	0	0	0	0	0	0	
	Synergy Recovery at the Bundy Center *	R	I	Wilkes	10	4	4	0	0	4	4	0	0	0	0	0	0	0	6	
SMOKY MOUNTAIN CENTER TOTALS					138	127	112	15	0	106	106	0	0	21	6	15	0	11		
Western Region Totals					203	179	164	15	0	158	158	0	0	21	6	15	0	24		
State Totals					765	680	600	80	0	635	578	57	0	45	22	23	0	85		

* Detox Only Beds are not part of the Planning Inventory per Appendix E of the State Medical Facilities Plan. The data are provided for information purposes only.

** On 12/17/2015, CHS Behavioral Health-First Step delicensed all 16 beds under licensure category 10A NCAC 27G.3400. The facility reported days of care for 2014-2015, but this action removed the 16 adult substance use beds from the planning inventory.

*** On 2/11/2015, McLeod Addictive Disease Center delicensed 6 beds under licensure category 10A NCAC 27G.3400.

**Table 16B: 2019 Projection of Chemical Dependency (Substance Use Disorder) Treatment Bed Need
By Mental Health Planning Region**

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	
Local Management Entity Managed Care Organization (LME-MCO) by Mental Health Planning Region Totals	2015 Days of Care	2015 Population	Projected 2019 Population	2019 Projected Days of Care	Number of Beds	Total Beds Needed	Total Planning Inventory	Total Bed (Surplus/Deficit) (H - G) Deficits are "-."	Child/Adol. Bed %	Child/Adol. Planning Inventory	Child/Adol. Bed Need (Surplus/Deficit)	Adult Bed Need (Surplus/Deficit)	2017 Treatment Bed Need Determination	
													Child/Adol.	Adult
Formula				(Column B x Column D) / Column C	Column E / 365	Column F / 85%		Column H - Column G	Column G x 9%		Column K - Column J	Column I - Column L [Rounded]		
Eastpointe: Bladen, Columbus, Duplin, Edgecombe, Greene, Lenoir, Nash, Robeson, Sampson, Scotland, Wayne, Wilson	7,247	824,157	826,464	7,267	20	23	24	1	2	8	6	-5		
Trilium: Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, New Hanover, Northampton, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Tyrrell, Washington	16,380	1,279,052	1,323,059	16,944	46	55	56	1	5	0	-5	6		
Eastern Region Totals	23,627	2,103,209	2,149,523	24,211	66	78	80	2	7	8	1	1	0	0
Alliance Behavioral Healthcare: Cumberland, Durham, Johnston, Wake	19,905	1,817,721	1,942,369	21,270	58	69	66	-3	6	0	-6	3		
Cardinal Innovations Healthcare Solutions: Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Forsyth, Franklin, Granville, Halifax, Mecklenburg, Orange, Person, Rockingham, Rowan, Stanly, Stokes, Union, Vance, Warren	54,661	3,035,294	3,198,208	57,595	158	186	162	-24	17	16	-1	-23		
Sandhills Center: Anson, Guilford, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	33,481	1,092,887	1,128,322	34,567	95	111	193	82	10	0	-10	92		
Central Region Totals	108,047	5,945,902	6,268,899	113,431	311	366	421	55	33	16	-17	72	17	0
Partners Behavioral Health Management: Burke, Catawba, Cleveland, Gaston, Iredell, Lincoln, Surry, Yadkin	13,894	917,142	935,510	14,172	39	46	52	6	4	0	-4	10		
Smoky Mountain Center: Alexander, Alleghany, Ashe, Avery, Buncombe, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, Watauga, Wilkes, Yancey	17,042	1,088,469	1,116,354	17,479	48	56	127	71	5	21	16	55		
Western Region Totals	30,936	2,005,611	2,051,864	31,651	87	102	179	77	9	21	12	65	0	0
							680	< Grand Totals >		45				

Note: When calculating with a computer versus manually, rounding differences can occur. If calculating manually, the recommendation is to carry the rate out to at least four decimal points, recognizing that computer programs may use fractions with many more decimal points, which may result in slightly different projections. Table 16B was created using Microsoft Excel.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined there is no need for additional adult chemical dependency (substance use disorder) treatment beds anywhere else in the state and no other reviews are scheduled as shown in Table 16C.

Table 16C: Adult Chemical Dependency (Substance Use Disorder) Treatment Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the mental health planning regions listed in the table below need additional adult chemical dependency treatment beds as specified.

Mental Health Planning Region	HSA	Adult Chemical Dependency Treatment Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional adult chemical dependency (substance use disorder) treatment beds anywhere in the state and no other reviews are scheduled.				
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).

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined the need for 17 child/adolescent chemical dependency (substance use disorder) treatment beds, as shown in Table 16D. There is no need anywhere else in the state and no other reviews are scheduled.

Table 16D: Child/Adolescent Chemical Dependency (Substance Use Disorder) Treatment Bed Need Determination

(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the mental health planning regions 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
Central Region	II, III, IV, V	17	March 15, 2017	April 1, 2017
It is determined that there is no need for additional child/adolescent chemical dependency (substance abuse) treatment beds anywhere else in the state and no other reviews are scheduled.				
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 Individuals with Intellectual Disabilities (ICF/IID)

CHAPTER 17

INTERMEDIATE CARE FACILITIES FOR INDIVIDUALS WITH INTELLECTUAL DISABILITIES

Background Information

Area mental health, developmental disability and substance use disorder 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 Individuals with Intellectual Disabilities (ICF/IID) should contain written comments from the Local Management Entity/Managed Care Organization (LME-MCO) of the area authority relative to its endorsement of the project and involvement in the development of a client admission/discharge agreement. The LME-MCOs shall serve as the portals of entry and exit for the admission and discharge of clients in ICF/IID 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/IID 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 intellectual disabilities/developmental disabilities into community living to the fullest extent possible. Community-based alternatives are encouraged, particularly through the transfer of ICF/IID beds from state developmental centers. Other alternatives may include small, community-based, non-ICF/IID residential options as well as other sites through the Medicaid Waiver Community Alternatives Program (CAP)-MR/DD Program.

Facilities proposing to transfer ICF/IID 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-MCO 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 Certificate of Need 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-MCO 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.

Changes from the Previous Plan

One substantive change to the ICF/IID methodology has been incorporated into the 2017 State Medical Facilities Plan. Service areas for need determination were updated to reflect LME-MCO coverage area

changes due to a merger in 2016. CenterPoint Human Services merged with Cardinal Innovations Healthcare Solutions, resulting in a reduction from eight LME-MCOs to seven LME-MCOs.

Basic Principles

People with conditions other than an intellectual disability (such as autism, cerebral palsy, epilepsy or related conditions) may be appropriate for placement in an ICF/IID 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 with a developmental disability 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 a developmental disability, and relocating people from state facilities to community programs to the extent appropriate services are developed in the community.

Summary of ICF/IID Bed Supply and Utilization

Intermediate Care Facilities for Individuals with Intellectual Disabilities or developmental disabilities is a category of group home care designated by the federal-state Medicaid program. A total of 5,107 certified ICF/IID beds are in operation. This total includes four state facilities and their 2,320 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/IID Bed Totals

The agency has surveyed the southeastern states that cover ICF/IID 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:

$$5,368,198 \div 668 = 8,036 \text{ people per bed}$$

If North Carolina used the above methodology and used the same year population, it would be the following:

$$7,425,183 \div 8,036 = 924 \text{ beds instead of 5,107 beds}$$

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:

$$3,908,124 \div 1,208 = 3,235 \text{ people per bed}$$

If North Carolina used the above methodology and used the same year population, it would be the following:

$$7,425,183 \div 3,235 = 2,295 \text{ beds instead of 5,107 beds}$$

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:

$$3,760,181 \div 2,714 = 1,385 \text{ people per bed}$$

If North Carolina used the above methodology and used the same year population, it would be the following:

$$7,425,183 \div 1,385 = 5,361 \text{ beds instead of } 5,107 \text{ beds}$$

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:

$$6,733,996 \div 2,090 = 3,222 \text{ people per bed}$$

If North Carolina used the above methodology and used the same year population, it would be the following:

$$7,425,183 \div 3,222 = 2,305 \text{ beds instead of } 5,107 \text{ beds}$$

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/IID beds would indicate that the present number of 5,107 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/IID beds would equal to 1,870 beds:

$$7,425,183 \div 3,970 = 1,870 \text{ beds instead of } 5,107 \text{ beds}$$

In the publication State of Tennessee's Health Guidelines for Growth, 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 2015 population, the need for ICF/IID beds would equal to 5,027 beds:

$$10,054,722 \times .01 = 100,547 \times .05 = 5,027 \text{ beds instead of } 5,107 \text{ beds}$$

The North Carolina Division of Health Service Regulation's basic position continues to be that additional ICF/IID 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/IID beds in comparison to other southeastern states.

Need Determination for ICF/IID Beds

The service area for an ICF/IID bed is the catchment area for the LME-MCO for developmental disability and substance use disorder services in which the bed is located. LME-MCO catchment areas for mental health, developmental disability and substance use disorder services are listed in Table 17A: Inventory of ICF/IID Facilities and Beds.

In accordance with the policy titled: POLICY ICF/IID-2: TRANSFER OF ICF/IID 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/IID beds in state operated developmental centers through the certificate of need process to establish ICF/IID group homes in the community to serve people with complex behavioral challenges and/or medical conditions for whom a community ICF/IID placement is appropriate, as determined by the individual's treatment team and with the individual/guardian being in favor of the placement.

Sources of Data

North Carolina Department of Health and Human Services, Division of State Operated Healthcare Facilities; Division of Health Service Regulation, Mental Health Licensure and Certification Section and Division of Health Service Regulation, Healthcare Planning and Certificate of Need Section.

Table 17A: Inventory of ICF/IID Facilities and Beds

Local Management Entity-Managed Care Organization (LME-MCO)	Provider Name	County	CON Approved		CON Project Number	Total Licensed Beds	Total Beds (Approved + Licensed)
			Child Beds	Adult Beds			
	Extra Special Care	Cumberland	0	0		6	6
	Holliday's Place Group Home	Cumberland	0	0		6	6
	Hope Mills Home	Cumberland	0	0		6	6
	My Place	Cumberland	0	0		6	6
	No Place Like Home	Cumberland	0	0		5	5
	Northside Group Home	Cumberland	0	0		6	6
	Southern Avenue Home	Cumberland	0	0		6	6
	Strickland Bridge Homes A & B	Cumberland	0	0		12	12
	Thomas S. Decatur Home	Cumberland	0	0		6	6
	The Carter Clinic Residential Home	Cumberland	0	0		6	6
	Wilmington Road Group Home	Cumberland	0	0		6	6
	Chandler Road	Durham	0	0		6	6
	Holloway Street Home	Durham	0	0		6	6
	Kenwood Drive Home	Durham	0	0		6	6
	Keywest Center	Durham	0	0		6	6
	Lynn Road	Durham	0	0		6	6
	Mineral Springs I	Durham	0	0		6	6
	Mineral Springs II	Durham	0	0		6	6
	SCI-Triangle House I	Durham	0	0		6	6
	SCI-Triangle House II	Durham	0	0		6	6
	Seven Oaks Road-Durham	Durham	0	0		5	5
	VOCA-Gentry	Durham	0	0		6	6
	VOCA-Obie	Durham	0	0		6	6
	Voca-Otis Street Home	Durham	0	0		6	6
	Canterbury Road Home	Johnston	0	0		6	6
	Country Manor Group Home	Johnston	0	0		6	6
	Heath Avenue Home	Johnston	0	0		6	6
	VOCA-Greenwood Group Home	Johnston	0	0		6	6
	VOCA-Laurelwood	Johnston	0	0		6	6
	Avent Ferry Home	Wake	0	0		6	6
	Bass Lake	Wake	0	0		6	6
	Blanche Drive	Wake	0	0		6	6
	Country Lane	Wake	0	0		6	6
	Dartmouth Road Group Home	Wake	0	0		6	6
	Dickens Drive Home	Wake	0	0		6	6
	Forest Creek Group Home	Wake	0	0		6	6
	Georgia Court	Wake	0	0		6	6
	Helmsdale Group Home	Wake	0	0		6	6
	Hickory Avenue Home	Wake	0	0		6	6
	Hilltop Home	Wake	0	0		22	22
	Huntleigh	Wake	0	0		6	6
	Jade Tree	Wake	0	0		6	6
	Lockley Road	Wake	0	0		6	6
	Mason Street	Wake	0	0		6	6
	Rockwood	Wake	0	0		6	6

Alliance Behavioral Healthcare: Cumberland, Durham, Johnston, Wake

Table 17A: Inventory of ICF/IID Facilities and Beds

Local Management Entity-Managed Care Organization (LME-MCO)	Provider Name	County	CON Approved		CON Project Number	Total Licensed Beds	Total Beds (Approved + Licensed)
			Child Beds	Adult Beds			
Alliance Behavioral Healthcare: Cumberland, Durham, Johnston, Wake	Rolling Meadows	Wake	0	0		6	6
	Stonegate	Wake	0	0		6	6
	Tammy Lynn Center for Developmental Disabilities	Wake	0	0		30	30
	Trotters Bluff	Wake	0	0		6	6
	VOCA - Creekway	Wake	0	0		6	6
	VOCA - Olive Home	Wake	0	0		6	6
Totals for Alliance Behavioral Healthcare			0	0		350	350
Cardinal Innovations Healthcare Solutions: Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Forsyth, Franklin, Granville, Halifax, Mecklenburg, Orange, Person, Rockingham, Rowan, Stanly, Stokes, Union, Vance, Warren	Poplar Street Group Home	Alamance	0	0		6	6
	Ralph Scott Lifeservices, Inc.	Alamance	0	0		6	6
	Ralph Scott Lifeservices, Inc./Rosemont Street	Alamance	0	0		6	6
	Ralph Scott Lifeservices, Inc./Veterans Drive	Alamance	0	0		6	6
	Ralph Scott Lifeservices, Inc.-Laramie Drive Group Home	Alamance	0	0		6	6
	Bost Children's Center	Cabarrus	0	0		10	10
	Christy Woods Group Home	Cabarrus	0	0		5	5
	Michigan Street Home	Cabarrus	0	0		5	5
	RHA/Howell Care Centers/Clear Creek	Cabarrus	0	0		120	120
	Wilhelm Place Home	Cabarrus	0	0		5	5
	CLLC (Carolina Living & Learning Center)	Chatham	0	0		15	15
	Scotthurst I & II	Davidson	0	0		12	12
	Boxwood Acres	Davie	0	0		6	6
	Pleasant Acres	Davie	0	0		6	6
	Twinbrooks	Davie	0	0		6	6
	Forsyth Group Home #1	Forsyth	0	0		6	6
	Forsyth Group Home #2	Forsyth	0	0		6	6
	Konnoak Group Home	Forsyth	0	0		6	6
	Pineview	Forsyth	0	0		5	5
	The Arches-Horizons Residential Care Center	Forsyth	0	0		10	10
	The Atrium/The Respite Center	Forsyth	0	0		30	30
	Wilson Smith Cottage	Forsyth	0	0		6	6
	Dove Road Home	Granville	0	0		6	6
	Granville ICF/MR Group Home	Granville	0	0		5	5
	Park Avenue Home	Granville	0	0		6	6
	Stem Road Home	Granville	0	0		6	6
	Idlewood Group Home	Halifax	0	0		6	6
	LIFE, Inc./ Lakeview	Halifax	0	0		6	6
	LIFE, Inc./King Street Group Home	Halifax	0	0		6	6
	McFarland Road	Halifax	0	0		6	6
	SCI-Roanoke House	Halifax	0	0		12	12
	Bon Rea Drive Group Home	Mecklenburg	0	0		6	6
	Dalmoor Drive Group Home	Mecklenburg	0	0		6	6
	Flowe Drive Group Home	Mecklenburg	0	0		6	6
Gail B. Hanks Group Home	Mecklenburg	0	0		6	6	
Heathcroft	Mecklenburg	0	0		6	6	
Leaves	Mecklenburg	0	0		6	6	
Mantle Court Group Home	Mecklenburg	0	0		6	6	

Table 17A: Inventory of ICF/IID Facilities and Beds

Local Management Entity-Managed Care Organization (LME-MCO)	Provider Name	County	CON Approved		CON Project Number	Total Licensed Beds	Total Beds (Approved + Licensed)
			Child Beds	Adult Beds			
	Oak Street Group Home-St. Mark	Mecklenburg	0	0		6	6
	Ravendale Drive Group Home	Mecklenburg	0	0		6	6
	RHA/Howell Care Center, Inc. - Monroe Rd.	Mecklenburg	0	0		6	6
	RHA/Howell Care Centers./Shelburne Place	Mecklenburg	0	0		6	6
	RHA/Howell Care Centers/Burtonwood Circle Home	Mecklenburg	0	0		6	6
	RHA/Howell Care Centers/Lakeview	Mecklenburg	0	0		6	6
	Starnes Group Home	Mecklenburg	0	0		6	6
	Tuckaseegee Group Home	Mecklenburg	0	0		6	6
	VOCA-Denbur Drive Group Home	Mecklenburg	0	0		6	6
	VOCA-Freedom Group Home	Mecklenburg	0	0		6	6
	VOCA-Harrisburg Road Group Home	Mecklenburg	0	0		6	6
	VOCA-Mallard Drive	Mecklenburg	0	0		6	6
	VOCA-Enoch Road Group Home	Mecklenburg	0	0		6	6
	VOCA-Norwich Road Group Home	Mecklenburg	0	0		6	6
	VOCA-Oak Drive Group Home	Mecklenburg	0	0		6	6
	VOCA-Oakhaven Drive Group Home	Mecklenburg	0	0		6	6
	VOCA-Purser Group Home	Mecklenburg	0	0		6	6
	VOCA-Sandburg Group Home	Mecklenburg	0	0		6	6
	VOCA-Simpson Group Home	Mecklenburg	0	0		6	6
	VOCA-St. John's Church Road Group Home	Mecklenburg	0	0		6	6
	VOCA-Toddville Road Group Home	Mecklenburg	0	0		6	6
	VOCA-Wilson Avenue Group Home	Mecklenburg	0	0		6	6
	VOCA-Woodbridge Road Group Home	Mecklenburg	0	0		6	6
	Browne Group Home	Mecklenburg	0	0		6	6
	Christopher Road	Orange	0	0		6	6
	Quail Roost Group Home (ICF/MR)	Orange	0	0		6	6
	Residential Services, Inc. Retirement Center	Orange	0	0		15	15
	Shadylawn	Orange	0	0		6	6
	Silo Drive Facility-Chapel Hill	Orange	0	0		6	6
	West Main Street Facility-Carrboro	Orange	0	0		6	6
	Cates Street ICF/MR	Person	0	0		6	6
	Frank Street ICF/MR	Person	0	0		6	6
	Rouse's Group Home #6	Rockingham	0	0		6	6
	Rouse's Group Homes	Rockingham	0	0		30	30
	Laura Springs Road Home	Rowan	0	0		6	6
	Myron Place	Rowan	0	0		6	6
	Rockwell 1 & 2	Rowan	0	0		12	12
	Smith Street Home	Rowan	0	0		6	6
	Stoneridge	Rowan	0	0		6	6
	A. Jack Wall Group Home	Stanly	0	0		6	6
	Carolina Farms Group Home #1	Stanly	0	1	F-11071-15	5	6
	Carolina Farms Group Home #2	Stanly	0	1	F-11072-15	5	6
	Carolina Farms Group Home #3	Stanly	0	1	F-11073-15	5	6
	Marie G. Smith Group Home	Stanly	0	0		6	6
	Moss I Group Home	Stanly	0	0		5	5

Cardinal Innovations Healthcare Solutions: Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Forsyth, Franklin, Granville, Halifax, Mecklenburg, Orange, Person, Rockingham, Rowan, Stanly, Stokes, Union, Vance, Warren

Table 17A: Inventory of ICF/IID Facilities and Beds

Local Management Entity-Managed Care Organization (LME-MCO)	Provider Name	County	CON Approved		CON Project Number	Total Licensed Beds	Total Beds (Approved + Licensed)
			Child Beds	Adult Beds			
Cardinal Innovations Healthcare Solutions: Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Forsyth, Franklin, Granville, Halifax, Mecklenburg, Orange, Person, Rockingham, Rowan, Stanly, Stokes, Union, Vance, Warren	Moss II Group Home	Stanly	0	0		6	6
	Robert W. Thompson Group Home	Stanly	0	0		6	6
	Pilotview	Stokes	0	0		5	5
	Karen Lane Home	Union	0	0		6	6
	Meadowview Home	Union	0	0		6	6
	Ridgefield Home	Union	0	0		6	6
	Totals for Cardinal Innovations			0	3		730
Eastpointe: Bladen, Columbus, Duplin, Edgecombe, Greene, Lenoir, Nash, Robeson, Sampson, Scotland, Wayne, Wilson	Midlake Residential	Bladen	0	0		6	6
	Northridge Residential	Bladen	0	0		6	6
	Riverside Residential	Columbus	0	0		6	6
	Strawberry House	Columbus	0	0		6	6
	SCI-Duplin House	Duplin	0	0		6	6
	Skill Creations of Kenansville	Duplin	0	0		15	15
	Skill Creations of Tarboro	Edgecombe	0	0		15	15
	Fox Run Group Home	Lenoir	0	0		6	6
	LaGrange Home	Lenoir	0	0		6	6
	RHA/Howell Care Centers/Bear Creek	Lenoir	0	0		113	113
	Robin's Nest Group Home	Lenoir	0	0		6	6
	Roseanne Group Home	Lenoir	0	0		5	5
	Skill Creations of Kinston	Lenoir	0	0		15	15
	Washington Street East Group Home	Lenoir	0	0		6	6
	LIFE, Inc./ Green Tee Lane	Nash	0	0		6	6
	SCI Nash House I	Nash	0	0		6	6
	SCI Nash House II	Nash	0	0		6	6
	Corbel Residential	Robeson	0	0		6	6
	Eastbrook	Robeson	0	0		6	6
	Wakulla I & II	Robeson	0	0		12	12
	Westside Residential	Robeson	0	0		6	6
	Skill Creations of Clinton	Sampson	0	0		15	15
	College Park	Scotland	0	0		6	6
	Lee Forest Home	Scotland	0	0		6	6
	Scotland Forest Home	Scotland	0	0		6	6
	Airport Road Group Home	Wayne	0	0		6	6
	Daughtry Field Road Group Home	Wayne	0	0		6	6
	Highway 117 Group Home	Wayne	0	0		6	6
	Holly Street Home	Wayne	0	0		6	6
	LIFE, Inc./Walnut Street Group Home	Wayne	0	0		6	6
	LIFE, Inc./William Street Home	Wayne	0	0		6	6
	North Drive Group Home	Wayne	0	0		6	6
	Norwood Avenue Home	Wayne	0	0		6	6
RHA/Howell Care Centers/Walnut Creek	Wayne	0	0		37	37	
Skill Creations	Wayne	0	0		15	15	
LIFE, Inc./Raven Ridge Group Home	Wilson	0	0		6	6	
McKeel Loop Road Home	Wilson	0	0		6	6	
Skill Creations of Wilson	Wilson	0	0		15	15	

Table 17A: Inventory of ICF/IID Facilities and Beds

Local Management Entity-Managed Care Organization (LME-MCO)	Provider Name	County	CON Approved		CON Project Number	Total Licensed Beds	Total Beds (Approved + Licensed)
			Child Beds	Adult Beds			
Totals for Eastpointe			0	0		425	425
Partners Behavioral Health Management: Burke, Catawba, Cleveland, Gaston, Iredell, Lincoln, Surry, Yadkin	Chesterfield Group Home	Burke	0	0		6	6
	Hartland Group Home	Burke	0	0		6	6
	SCI-Burke ICF/MR Group Home	Burke	0	0		5	5
	23rd Street Home	Catawba	0	0		6	6
	Penny Lane #1	Catawba	0	0		6	6
	Penny Lane II	Catawba	0	0		6	6
	Shannonbrook Home	Catawba	0	0		6	6
	Wendover Home	Catawba	0	0		6	6
	VOCA-Young Group Home	Cleveland	0	0		6	6
	Wooding Place Group Home	Cleveland	0	0		6	6
	Belmont Group Home	Gaston	0	0		5	5
	Cherryville ICF/MR Group Home	Gaston	0	0		5	5
	Franklin Group Home	Gaston	0	0		5	5
	Holy Angels Services-McAuley Residences	Gaston	0	0		48	48
	Meek Road Group Home	Gaston	0	0		5	5
	Mountain Ridge Group Home	Gaston	0	0		6	6
	Springdale Lane Group Home	Gaston	0	0		5	5
	Bonnie Lane Group Home	Iredell	0	0		6	6
	Dal-Wan Heights Group Home	Iredell	0	0		6	6
	Fanjoy Home #1	Iredell	0	0		6	6
	Fanjoy Home #2	Iredell	0	0		6	6
	Hollingswood Group Home	Iredell	0	0		6	6
	Oakdale Group Home	Iredell	0	0		6	6
	Pinewood Group Home	Iredell	0	0		6	6
	Brookwood Home	Lincoln	0	0		6	6
	Linoak Group Home	Lincoln	0	0		6	6
	Riverview Home	Lincoln	0	0		6	6
	Sunny Hill Group Home #1	Lincoln	0	0		6	6
	Sunny Hill II	Lincoln	0	0		6	6
	Park Drive Group Home	Surry	0	0		6	6
Sydnor Street Group Home	Surry	0	0		6	6	
Yadkin I	Yadkin	0	0		6	6	
Yadkin II & III	Yadkin	0	0		12	12	
Totals for Partners Behavioral Health			0	0		240	240
Sandhills Center: Anson, Guilford, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	Ansonville Group Home	Anson	0	0		6	6
	Friendway Group Home	Guilford	0	0		6	6
	Guilford #1	Guilford	0	0		6	6
	Guilford #2	Guilford	0	0		6	6
	Guilford #3	Guilford	0	0		6	6
	RHA/Howell Care Centers/Gatewood	Guilford	0	0		15	15
	RHA/Howell Care Centers/Guilford IV	Guilford	0	0		6	6
	RHA/Howell Care Centers/Holden Group Home	Guilford	0	0		6	6
	RHA/Howell Care Centers/Ridgely Oak	Guilford	0	0		6	6
RHA/Howell Care Centers/Rollingwood	Guilford	0	0		6	6	

Table 17A: Inventory of ICF/IID Facilities and Beds

Local Management Entity-Managed Care Organization (LME-MCO)	Provider Name	County	CON Approved		CON Project Number	Total Licensed Beds	Total Beds (Approved + Licensed)
			Child Beds	Adult Beds			
Sandhills Center: Anson, Guilford, Harnett, Hoke, Lee, Montgomery, Moore, Randolph, Richmond	RHA/Howell Care Centers/West Friendly	Guilford	0	0		6	6
	RHA/Howell Care Centers/Westminister	Guilford	0	0		6	6
	Southridge Road	Guilford	0	0		5	5
	Summerlyn	Guilford	0	0		6	6
	VOCA-Meadowood Drive Group Home	Guilford	0	0		6	6
	Watson's Group Home	Guilford	0	0		6	6
	Westridge (908 Westridge Road)	Guilford	0	0		5	5
	Westridge (1609 Westridge Road)	Guilford	0	0		6	6
	Erwin #2 Group Home	Harnett	0	0		6	6
	Erwin Avenue Home	Harnett	0	0		6	6
	Lillington Group Home	Harnett	0	0		6	6
	Ashley Heights Home	Hoke	0	0		6	6
	Old Farm Road	Hoke	0	0		6	6
	Hickory II Group Home	Lee	0	0		6	6
	Pine Ridge Group Home	Lee	0	0		6	6
	Skill Creations of Sanford	Lee	0	0		15	15
	T.L.C. Home, Inc.	Lee	0	0		10	10
	VOCA-Sixth Street Group Home	Lee	0	0		6	6
	Mt. Gilead Children's Home	Montgomery	0	0		6	6
	Myrtlewood Group Home	Montgomery	0	0		6	6
	Crest Road Group Home	Moore	0	0		6	6
	Magnolia Group Home	Moore	0	0		6	6
	Moore County Home For Autistic Adults	Moore	0	0		6	6
	Sherwood Park Home	Moore	0	0		15	15
	Brookwood	Randolph	0	0		6	6
	Timberlea Group Home	Randolph	0	0		6	6
	Hoffman Group Home	Richmond	0	0		6	6
	Mallard Lane Center	Richmond	0	0		5	5
	Pence Place	Richmond	0	0		9	9
	Totals for Sandhills Center			0	0		265
Smoky Mountain Center: Alexander, Alleghany, Ashe, Avery, Buncombe, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, Watauga, Wilkes, Yancey	Ellendale Group Home	Alexander	0	0		6	6
	Little River Group Home	Alexander	0	0		6	6
	VOCA-Second Avenue Group Home	Alexander	0	0		6	6
	New River Cottage, Inc.	Alleghany	0	0		5	5
	Ridgecrest I	Ashe	0	0		6	6
	Ridgecrest II	Ashe	0	0		6	6
	Thomas Street Home	Ashe	0	0		6	6
	Blue Ridge Homes-Swannanoa	Buncombe	0	0		32	32
	Chiles Avenue Group Home	Buncombe	0	0		6	6
	Irene Wortham Residential Center-Azalea	Buncombe	0	0		6	6
	IWRC-Dogwood	Buncombe	0	0		6	6
	IWRC-Rose Street Home	Buncombe	0	0		12	12
	New Stock Road Group Home	Buncombe	0	0		6	6
	Pisgah Group Home	Buncombe	0	0		6	6
Emory Road	Buncombe	0	0		6	6	

Table 17A: Inventory of ICF/IID Facilities and Beds

Local Management Entity-Managed Care Organization (LME-MCO)	Provider Name	County	CON Approved		CON Project Number	Total Licensed Beds	Total Beds (Approved + Licensed)
			Child Beds	Adult Beds			
Smoky Mountain Center: Alexander, Alleghany, Ashe, Avery, Buncombe, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, Watauga, Wilkes, Yancey	WNC Group Home - Kenmore	Buncombe	0	0		6	6
	WNC Group Home - Montford	Buncombe	0	0		5	5
	WNC Group Home - Ora	Buncombe	0	0		6	6
	Creekside Group Home	Caldwell	0	0		6	6
	Lower Creek Group Home	Caldwell	0	0		6	6
	Playmore Group Home	Caldwell	0	0		6	6
	VOCA-Laurel Group Home	Caldwell	0	0		6	6
	Haywood County Group Home #3	Haywood	0	0		5	5
	Country Cove Group Home	Henderson	0	0		6	6
	Pinebrook Group Home	Henderson	0	0		6	6
	Rayside A	Henderson	0	0		4	4
	Rayside B	Henderson	0	0		4	4
	Smoky ICF/MR Group Home	Jackson	0	0		6	6
	Webster Group Home	Jackson	0	0		6	6
	Iotla Street Group Home	Macon	0	0		6	6
	Macon County Group Home	Macon	0	0		6	6
	Blue Ridge Homes-Madison	Madison	0	0		32	32
	Laurelwood Group Home	McDowell	0	0		6	6
	VOCA-Rollins Group Home	Rutherford	0	0		6	6
	VOCA-Woodland	Rutherford	0	0		6	6
	Forest Bend Group Home	Transylvania	0	0		6	6
	Wildcat Group Home	Watauga	0	0		15	15
	Lakewood	Wilkes	0	0		6	6
	Lewis Fork Homes I & II	Wilkes	0	0		12	12
	VOCA-Apple Valley	Wilkes	0	0		6	6
	VOCA-Blairfield	Wilkes	0	0		6	6
VOCA-College Street	Wilkes	0	0		6	6	
VOCA-Kimsey	Wilkes	0	0		6	6	
VOCA-Welborn Ave.	Wilkes	0	0		6	6	
Totals for Smoky Mountain Center			0	0		330	330
Trillium: Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, New Hanover, Northampton, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Tyrrell, Washington	LIFE, Inc./Beaufort Heights Group Home	Beaufort	0	0		6	6
	LIFE, Inc./Dixon Road Group Home	Beaufort	0	0		6	6
	LIFE, Inc./Edgewood Group Home	Beaufort	0	0		6	6
	LIFE, Inc./Minute Man Group Home	Beaufort	0	0		6	6
	LIFE, Inc./Slatestone Road Group Home	Beaufort	0	0		6	6
	LIFE, Inc./Folly Street Group Home	Brunswick	0	0		6	6
	LIFE, Inc./Lockwood Street Group Home	Brunswick	0	0		6	6
	LIFE, Inc./Grey Fox Run Group Home	Carteret	0	0		6	6
	LIFE, Inc./Nine Foot Road Group Home	Carteret	0	0		6	6
	LIFE, Inc./Albemarle Group Home	Chowan	0	0		6	6
	LIFE, Inc./Chowan Group Home	Chowan	0	0		6	6
	LIFE, Inc./Coke Avenue Group Home	Chowan	0	0		6	6
	Luke Street	Chowan	0	0		6	6
	Brices Creek Road Home	Craven	0	0		6	6
	Dogwood House	Craven	0	0		5	5

Table 17A: Inventory of ICF/IID Facilities and Beds

Local Management Entity-Managed Care Organization (LME-MCO)	Provider Name	County	CON Approved		CON Project Number	Total Licensed Beds	Total Beds (Approved + Licensed)
			Child Beds	Adult Beds			
Trillium: Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, New Hanover, Northampton, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Tyrrell, Washington	Kimberly Road	Craven	0	0		6	6
	LIFE, Inc./Cherry Lane	Craven	0	0		6	6
	LIFE, Inc./Lavenham Group Home	Craven	0	0		6	6
	LIFE, Inc./Oakdale Home	Craven	0	0		6	6
	RHA/Howell's Child Care Center/Riverbend	Craven	0	0		125	125
	Roanoke Place	Hertford	0	0		6	6
	LIFE, Inc./Twin Acres Group Home	Martin	0	0		6	6
	Greenville Loop Group Home	New Hanover	0	0		6	6
	LIFE, Inc./Cherokee Trail Group Home	New Hanover	0	0		6	6
	Lifetime Resources, Inc. Echo Farms Group Home	New Hanover	0	0		6	6
	Myrtle Grove Group Home	New Hanover	0	0		6	6
	Robert E. Lee Group Home	New Hanover	0	0		6	6
	Robin Hood Group Home	New Hanover	0	0		6	6
	SCI-Coastal House I and II	New Hanover	0	0		12	12
	Countryview Residential	Onslow	0	0		6	6
	Queen's Pond	Onslow	0	0		14	14
	Sandridge	Onslow	0	0		24	24
	Curry House	Pitt	0	0		6	6
	Pitt County Group Home #1	Pitt	0	0		6	6
	Pitt County Group Home #2	Pitt	0	0		6	6
	Pitt County Group Home #3	Pitt	0	0		6	6
	RHA/Howell Care Centers/Forest Hills Group Home	Pitt	0	0		6	6
	RHA/Howell Care Centers/King George Group Home	Pitt	0	0		6	6
	RHA/Howell Care Centers/Tar River	Pitt	0	0		30	30
	SCI-East	Pitt	0	0		12	12
	Skill Creations of Greenville	Pitt	0	0		15	15
	LIFE, Inc./Old Roper Road Group Home	Washington	0	0		6	6
	LIFE, Inc/ Wilson Street Group Home	Washington	0	0		6	6
Totals for Trillium			0	0		447	447
		Cumulative Totals:	0	3	0	2,787	2,790

Table 17B: State Facility Beds Excluded from ICF/IID Inventory By Local Management Entity-Managed Care Organization (LME-MCO)

Local Management Entity – Managed Care Organization (LME-MCO)	Facility Name	HSA	Number of Certified Beds	Reason for Exclusion
Cardinal Innovations Healthcare Solutions	Murdoch Center	IV	643	State Facility
Eastpointe	Caswell Center	VI	807	State Facility
Eastpointe	O’Berry Center	VI	389*	State Facility
Partners Behavioral Health Management	J. Iverson Riddle Developmental Center	I	481	State Facility
		Total	2,320	

* As a neuro-medical treatment center, O’Berry Center has certified nursing facility beds in addition to the 389 ICF/IID beds.

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined that there is no need for additional adult ICF/IID beds in the state and no other reviews are scheduled as shown in Table 17C.

Table 17C: Adult ICF/IID Bed Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the counties listed in the table below need additional adult ICF/IID beds as specified.

LME-MCO by Planning Region	Adult ICF/IID Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional adult ICF/IID beds anywhere in the state and no other reviews are scheduled.			

* Need determinations as 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).

Need Determination

Application of the standard methodology for the North Carolina 2017 State Medical Facilities Plan determined that there is no need for additional child ICF/IID beds in the state and no other reviews are scheduled as shown in Table 17D.

Table 17D: Child ICF/IID Bed Need Determination
(Scheduled for Certificate of Need Review Commencing in 2017)

It is determined that the counties listed in the table below need additional child ICF/IID beds as specified.

LME-MCO by Planning Region	Child ICF/IID Bed Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
It is determined that there is no need for additional child ICF/IID beds anywhere in the state and no other reviews are scheduled.			

* Need determinations as 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).

Appendix A:

North Carolina Health Service Areas

Appendix B:

Partial Listing of Healthcare Planning Acronyms/Terms

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

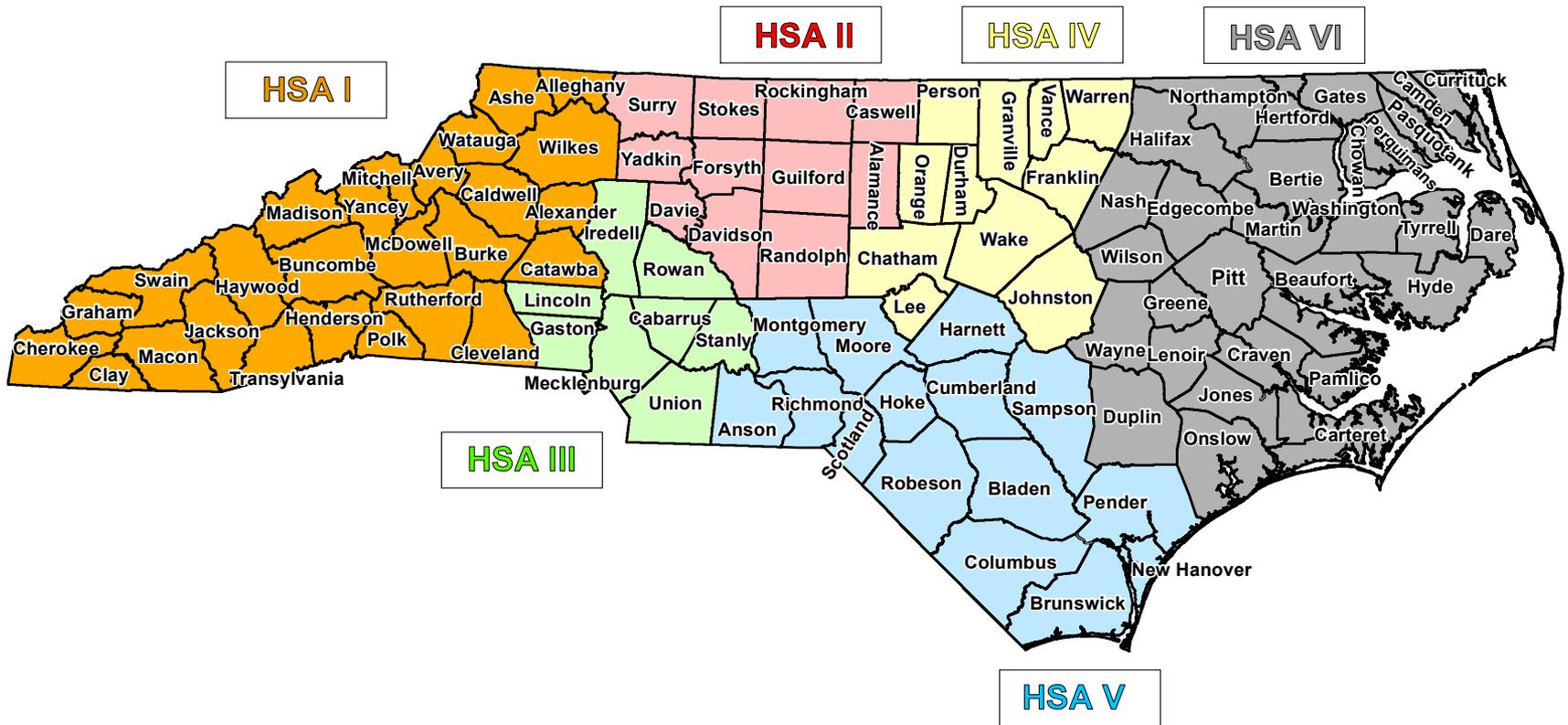
Appendix F:

Academic Medical Center Teaching Hospitals

Appendix G:

Critical Access Hospitals

Appendix A: North Carolina Health Service Areas



Appendix B: Partial Listing of Healthcare 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 & Medicaid Services (Federal Agency)
COG	Council of Governments
CON	Certificate 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 become the DHSR
DHSR	Division of Health Service Regulation
DHHS	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
HPCON	Healthcare Planning and Certificate of Need Section (A section within DHSR that reviews applications and awards Certificates of Need)
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/IID	Intermediate Care Facility for Individuals with Intellectual Disabilities (new name for Intermediate Care Facility for the Mentally Retarded based on 2010 Rosa's Law)
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 Hospital
MCO	Managed Care Organization
MDC	Major Diagnostic Category
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
OR	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 Healthcare Planning)
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, Healthcare Planning defines contiguous groupings in relation to a base county and includes any North Carolina county that touches that base county.

ALAMANCE	ALEXANDER	ALLEGHANY	ANSON	ASHE	AVERY
Caswell	Caldwell	Ashe	Montgomery	Alleghany	Burke
Chatham	Catawba	Surry	Richmond	Watauga	Caldwell
Guilford	Iredell	Wilkes	Stanly	Wilkes	McDowell
Orange	Wilkes		Union		Mitchell
Randolph					Watauga
Rockingham					

BEAUFORT	BERTIE	BLADEN	BRUNSWICK	BUNCOMBE	BURKE
Craven	Chowan	Columbus	Columbus	Haywood	Avery
Hyde	Halifax	Cumberland	New Hanover	Henderson	Caldwell
Martin	Hertford	Pender	Pender	Madison	Catawba
Pamlico	Martin	Robeson		McDowell	Cleveland
Pitt	Northampton	Sampson		Rutherford	Lincoln
Washington	Washington			Yancey	McDowell
					Rutherford

CABARRUS	CALDWELL	CAMDEN	CARTERET	CASWELL	CATAWBA
Iredell	Alexander	Currituck	Craven	Alamance	Alexander
Mecklenburg	Avery	Gates	Jones	Orange	Burke
Rowan	Burke	Pasquotank	Onslow	Person	Caldwell
Stanly	Catawba			Rockingham	Cleveland
Union	Watauga				Iredell
	Wilkes				Lincoln

CHATHAM	CHEROKEE	CHOWAN	CLAY	CLEVELAND	COLUMBUS
Alamance	Clay	Bertie	Cherokee	Burke	Bladen
Durham	Graham	Gates	Macon	Catawba	Brunswick
Harnett	Macon	Hertford		Gaston	Pender
Lee		Perquimans		Lincoln	Robeson
Moore				Rutherford	
Orange					
Randolph					
Wake					

CRAVEN	CUMBERLAND	CURRITUCK	DARE	DAVIDSON	DAVIE
Beaufort	Bladen	Camden	Currituck	Davie	Davidson
Carteret	Harnett	Dare	Hyde	Forsyth	Forsyth
Jones	Hoke		Tyrrell	Guilford	Iredell
Lenoir	Moore			Montgomery	Rowan
Pamlico	Robeson			Randolph	Yadkin
Pitt	Sampson			Rowan	
				Stanly	

DUPLIN	DURHAM	EDGEcombe	FORSYTH	FRANKLIN	GASTON
Jones	Chatham	Halifax	Davidson	Granville	Cleveland
Lenoir	Granville	Martin	Davie	Halifax	Lincoln
Onslow	Orange	Nash	Guilford	Johnston	Mecklenburg
Pender	Person	Pitt	Rockingham	Nash	
Sampson	Wake	Wilson	Stokes	Vance	
Wayne			Surry	Wake	
			Yadkin	Warren	

GATES	GRAHAM	GRANVILLE	GREENE	GUILFORD	HALIFAX
Camden	Cherokee	Durham	Lenoir	Alamance	Bertie
Chowan	Macon	Franklin	Pitt	Davidson	Edgecombe
Hertford	Swain	Person	Wayne	Forsyth	Franklin
Pasquotank		Vance	Wilson	Randolph	Martin
Perquimans		Wake		Rockingham	Nash
				Stokes	Northampton
					Warren

HARNETT	HAYWOOD	HENDERSON	HERTFORD	HOKE	HYDE
Chatham	Buncombe	Buncombe	Bertie	Cumberland	Beaufort
Cumberland	Henderson	Haywood	Chowan	Moore	Dare
Johnston	Jackson	Polk	Gates	Richmond	Tyrrell
Lee	Madison	Rutherford	Northampton	Robeson	Washington
Moore	Swain	Transylvania		Scotland	
Sampson	Transylvania				
Wake					

IREDELL	JACKSON	JOHNSTON	JONES	LEE	LENOIR
Alexander	Haywood	Franklin	Carteret	Chatham	Craven
Cabarrus	Macon	Harnett	Craven	Harnett	Duplin
Catawba	Swain	Nash	Duplin	Moore	Greene
Davie	Transylvania	Sampson	Lenoir		Jones
Lincoln		Wake	Onslow		Pitt
Mecklenburg		Wayne			Wayne
Rowan		Wilson			
Wilkes					
Yadkin					

LINCOLN	McDOWELL	MACON	MADISON	MARTIN	MECKLENBURG
Burke	Avery	Cherokee	Buncombe	Beaufort	Cabarrus
Catawba	Buncombe	Clay	Haywood	Bertie	Gaston
Cleveland	Burke	Graham	Yancey	Edgecombe	Lincoln
Gaston	Mitchell	Jackson		Halifax	Iredell
Iredell	Rutherford	Swain		Pitt	Union
Mecklenburg	Yancey			Washington	

MITCHELL	MONTGOMERY	MOORE	NASH	NEW HANOVER	NORTHAMPTON
Avery	Anson	Chatham	Edgecombe	Brunswick	Bertie
McDowell	Davidson	Cumberland	Franklin	Pender	Halifax
Yancey	Moore	Harnett	Halifax		Hertford
	Randolph	Hoke	Johnston		Warren
	Richmond	Lee	Wake		
	Rowan	Montgomery	Warren		
	Stanly	Randolph	Wilson		
		Richmond			
		Scotland			

ONSLow	ORANGE	PAMLICO	PASQUOTANK	PENDER	PERQUIMANS
Carteret	Alamance	Beaufort	Camden	Bladen	Chowan
Duplin	Caswell	Craven	Gates	Brunswick	Gates
Jones	Chatham		Perquimans	Columbus	Pasquotank
Pender	Durham			Duplin	
	Person			New Hanover	
				Onslow	
				Sampson	

PERSON	PITT	POLK	RANDOLPH	RICHMOND	ROBESON
Caswell	Beaufort	Henderson	Alamance	Anson	Bladen
Durham	Craven	Rutherford	Chatham	Hoke	Columbus
Granville	Edgecombe		Davidson	Montgomery	Cumberland
Orange	Greene		Guilford	Moore	Hoke
	Lenoir		Montgomery	Scotland	Scotland
	Martin		Moore	Stanly	
	Wilson				

ROCKINGHAM	ROWAN	RUTHERFORD	SAMPSON	SCOTLAND	STANLY
Alamance	Cabarrus	Buncombe	Bladen	Hoke	Anson
Caswell	Davidson	Burke	Cumberland	Moore	Cabarrus
Forsyth	Davie	Cleveland	Duplin	Richmond	Davidson
Guilford	Iredell	Henderson	Harnett	Robeson	Montgomery
Stokes	Montgomery	McDowell	Johnston		Richmond
	Stanly	Polk	Pender		Rowan
			Wayne		Union

STOKES	SURRY	SWAIN	TRANSYLVANIA	TYRRELL	UNION
Forsyth	Alleghany	Graham	Haywood	Dare	Anson
Guilford	Forsyth	Haywood	Henderson	Hyde	Cabarrus
Rockingham	Stokes	Jackson	Jackson	Washington	Mecklenburg
Surry	Wilkes	Macon			Stanly
Yadkin	Yadkin				

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			

Appendix D: North Carolina Certificate of Need Statute

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.
- (1b) "Ambulatory surgical facility" means a facility designed for the provision of a 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.
- (2) "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.
 - (2f) "Cardiac catheterization equipment" means the equipment used to provide cardiac catheterization services.
 - (2g) "Cardiac catheterization 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) "Legacy Medical Care Facility" means an institution that meets all of the following requirements:
- a. Is not presently operating.
 - b. Has not continuously operated for at least the past six months.
 - c. Within the last 24 months:
 1. Was operated by a person holding a license under G.S. 131E-77; and
 2. Was primarily engaged in providing to inpatients, by or under supervision of physicians, (i) diagnostic services and therapeutic services for medical diagnosis, treatment, and care of injured, disabled, or sick persons or (ii) rehabilitation services for the rehabilitation of injured, disabled, or sick persons.
- (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) "Lithotripter" 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.
- (14l) Reserved for future codification.
- (14m) "Magnetic resonance imaging scanner" means medical imaging equipment that uses nuclear magnetic resonance.
- (14n) "Main campus" means all of the following for the purposes of G.S. 131E-184(f) and (g) only:
 - a. The site of the main building from which a licensed health service facility provides clinical patient services and exercises financial and administrative control over the entire facility, including the buildings and grounds adjacent to that main building.
 - b. Other areas and structures that are not strictly contiguous to the main building but are located within 250 yards of the main building.
- (14o) "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.
- (15a) "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.¹
 - 2. Repealed.
 - 3. Cardiac catheterization equipment.
 - 4. Gamma knife.
 - 5. Heart-lung bypass machine.
 - 5a. Linear accelerator.
 - 6. Lithotripter.
 - 7. Magnetic resonance imaging scanner.
 - 8. Positron emission tomography scanner.
 - 9. Simulator.
- g.to k. Repealed.
- l. 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.

¹ Pursuant to an Order of Permanent Injunction issued by the United States District Court for the Eastern District of North Carolina Western Division on October 15, 2008, the North Carolina Department of Health and Human Services is prohibited from requiring that any person obtain a certificate of need before acquiring an air ambulance.

- 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.
- (17) "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:
- a. 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.
- (25) "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.

§ 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.

(f) The Department shall exempt from certificate of need review the purchase of any replacement equipment that exceeds the two million dollar (\$2,000,000) threshold set forth in G.S. 131E-176(22) [sic, should be (22a)] if all of the following conditions are met:

- (1) The equipment being replaced is located on the main campus.
- (2) The Department has previously issued a certificate of need for the equipment being replaced. This subdivision does not apply if a certificate of need was not required at the time the equipment being replaced was initially purchased by the licensed health service facility.
- (3) The licensed health service facility proposing to purchase the replacement equipment shall provide prior written notice to the Department, along with supporting documentation to demonstrate that it meets the exemption criteria of this subsection.

(g) The Department shall exempt from certificate of need review any 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 sole purpose of the capital expenditure is to renovate, replace on the same site, or expand the entirety or a portion of an existing health service facility that is located on the main campus.
- (2) The capital expenditure does not result in (i) a change in bed capacity as defined in G.S. 131E-176(5) or (ii) the addition of a health service facility or any other new institutional health service facility or any other new institutional health service other than that allowed in G.S. 131E-176(16)b.
- (3) The licensed health service facility proposing to incur the capital expenditure shall provide prior written notice to the Department along with supporting documentation to demonstrate that it meets the exemption criteria of this subsection.

(h) The Department shall exempt from certificate of need review the acquisition or reopening of a Legacy Medical Care Facility. The person seeking to operate a Legacy Medical Care Facility must give the Department written notice (i) of its intention to acquire or reopen a Legacy Medical Care Facility and (ii) that the hospital will be operational within 36 months of the notice.

§ 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;
 - c. 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 a final decision within 75 days after the hearing.

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 a final decision in the case within 270 days after the petition is filed.

(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 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 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 Office of Administrative Hearings and served on the Department and all other affected persons who were parties to the contested hearing.

(b1) Before filing an appeal of a final decision granting a certificate of need, the affected person shall deposit a bond with the Clerk of the Court of Appeals. The bond requirements of this subsection shall not apply to any appeal filed by the Department.

- (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
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DFS ADVISORY

Title: Regulation of Detoxification Services Provided in Hospitals Licensed under Article 5, Chapter 131E, of the General Statutes

Date: October 22, 2003

Purpose

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 purpose.

Robert J. Fitzgerald
Director

Appendix F: Academic Medical Center Teaching Hospitals

Academic Medical Center Teaching Hospital	Medical School Affiliation	Year Designated
<p>North Carolina Baptist Hospital Medical Center Boulevard Winston-Salem, North Carolina 27157 Telephone: (336) 716-2011</p>	<p>Wake Forest University School of Medicine</p>	<p>February 16, 1983</p>
<p>Duke University Health System d/b/a Duke University Hospital 2301 Erwin Road Durham, North Carolina 27710 Telephone: (919) 684-8111</p>	<p>Duke University School of Medicine</p>	<p>July 21, 1983</p>
<p>University of North Carolina Hospitals 101 Manning Drive Chapel Hill, North Carolina 27514 Telephone: (919) 966-4131</p>	<p>University of North Carolina at Chapel Hill School of Medicine</p>	<p>August 8, 1983</p>
<p>Vidant Medical Center 2100 Stantonsburg Road Greenville, North Carolina 27834 Telephone: (252) 847-4451</p>	<p>Brody School of Medicine at East Carolina University</p>	<p>August 8, 1983</p>
<p>Carolinas Medical Center/Center for Mental Health 1000 Blythe Boulevard Charlotte, North Carolina 28203 Telephone: (704) 355-2000</p>		<p>After January 1, 1990</p>

Appendix G: Critical Access Hospitals

County	Facility Name, Address and Telephone Number
Alleghany	Alleghany Memorial Hospital 233 Doctors Street Sparta, North Carolina 28675 (336) 372-5511
Ashe	Ashe Memorial Hospital 200 Hospital Avenue Jefferson, North Carolina 28640 (336) 846-7101
Avery	Charles A. Cannon, Jr. Memorial Hospital 434 Hospital Drive Linville, North Carolina 28646 (828) 737-7000
Bertie	Vidant Bertie Hospital 1403 South King Street Windsor, North Carolina 27983 (252) 794-6600
Bladen	Cape Fear Valley-Bladen County Hospital 501 South Poplar Street Elizabethtown, North Carolina 28337 (910) 862-5179
Brunswick	J. Arthur Doshier Memorial Hospital 924 North Howe Street Southport, North Carolina 28461 (910) 457-3800
Chatham	Chatham Hospital 475 Progress Boulevard Siler City, North Carolina 27344 (919) 799-4000
Cherokee	Murphy Medical Center 3990 East US Hwy 64 ALT Murphy, North Carolina 28906 (818) 837-8161

Appendix G: Critical Access Hospitals

County	Facility Name, Address and Telephone Number
Chowan	Vidant Chowan Hospital 211 Virginia Road Edenton, North Carolina 27932 (252) 482-8451
Dare	The Outer Banks Hospital. 4800 South Croatan Highway Nags Head, North Carolina 27959 (252) 449-4500
Halifax	Our Community Hospital 921 Junior High School Road Scotland Neck, North Carolina 27874 (252) 826-4144
Macon	Angel Medical Center 120 Riverview Street Franklin, North Carolina 28734 (828) 524-8411
Macon	Highlands-Cashiers Hospital 190 Hospital Drive Highlands, North Carolina 28741 (828) 526-1200
Montgomery	FirstHealth Montgomery Memorial Hospital 520 Allen Street Troy, North Carolina 27371 (910) 571-5000
Pender	Pender Memorial Hospital. 507 E Fremont Street Burgaw, North Carolina 28425 (910) 259-5451
Polk	St. Luke's Hospital 101 Hospital Drive Columbus, North Carolina 28722 (828) 894-3311

Appendix G: Critical Access Hospitals

County	Facility Name, Address and Telephone Number
Stokes	Pioneer Community Hospital of Stokes 1570 NC 8 & 89 Hwy N Danbury, North Carolina 27016 (336) 593-2831
Swain	Swain Community Hospital 45 Plateau Street Bryson City, North Carolina 28713 (828) 488-2155
Transylvania	Transylvania Regional Hospital, Inc. and Bridgeway 260 Hospital Drive Brevard, North Carolina 28712 (828) 884-9111
Washington	Washington County Hospital 958 US Hwy 64 East Plymouth, North Carolina 27962 (252) 793-4135
Yadkin	Yadkin Valley Community Hospital 624 West Main Street Yadkinville, North Carolina 27055 (336) 679-2041



Health Service Regulation

State Medical Facilities Plan