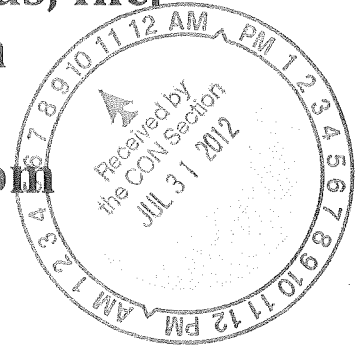
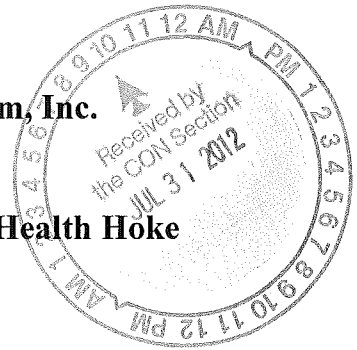


**Comments in Opposition from
Cape Fear Valley Health System, Inc.
Regarding FirstHealth of the Carolinas, Inc.
Certificate of Need Application
Project I.D #N-8843-12
Relocation of One Operating Room
to FirstHealth Hoke
Submitted June 15, 2012 for
July 1, 2012 Review Cycle**



Comments and Attachment 1

**Comments in Opposition from Cape Fear Valley Health System, Inc.
Regarding FirstHealth of the Carolinas, Inc.
Certificate of Need Application
Project I.D #N-8843-12 Relocation of One Operating Room to FirstHealth Hoke
Submitted June 15, 2012 for July 1, 2012 Review Cycle**



I. Introduction

In accordance with N.C.G.S. Section 131E-185(a1)(1), Cape Fear Valley Health System, Inc., submits the following comments regarding the June 15, 2012 Certificate of Need Application Project I. D. #N-8843-12 submitted for the July 1, 2012 review cycle by FirstHealth of the Carolinas, Inc. (FirstHealth).

FirstHealth proposed the relocation of one shared operating room from FirstHealth Moore Regional Hospital (FirstHealth Moore) to FirstHealth Hoke, for a total of two shared operating rooms (Project I. D. #N-8843-12) and requested an expedited review. FirstHealth seeks to renovate “planned storage areas”¹ at FirstHealth Hoke to operate a second shared operating room.

In the same review, FirstHealth also submitted an application for 28 new acute care beds at FirstHealth Hoke and Cape Fear Valley Health System (CFVHS) submitted an application for 28 additional acute care beds to be located at Cape Fear Valley Medical Center. These two CON Applications, submitted on June 15, 2012 in response to a need determination for 28 acute care beds in the Cumberland/Hoke Service Area in the *2012 State Medical Facilities Plan (2012 SMFP)* by CFVHS and FirstHealth have been deemed competitive by the CON Agency.

- Project I.D. # M-8833-12: Cumberland County Hospital System, Inc. d/b/a Cape Fear Valley Medical Center to add 28 acute care beds to the Owen Drive campus in Fayetteville.
- Project I.D. # N-8838-12: FirstHealth of the Carolinas, Inc. to expand FirstHealth Hoke Community Hospital (FirstHealth Hoke) by 28 acute care beds, for a total of 36 beds in Raeford (FirstHealth Acute Care Bed Application).

As discussed in the context of CON Criterion (3), FirstHealth’s projected surgical case volume in Project I. D. #N-8843-12, in particular, the inpatient surgical utilization was developed based on the assumed inpatient utilization associated with operation of 36-acute care beds in the FirstHealth bed expansion CON application. Therefore, the additional operating room proposed in Project I. D. #N-8843-12 cannot be approved unless the 28 beds are approved for FirstHealth Hoke. While the CON Agency has not deemed this application competitive, a public hearing has been scheduled for this project concurrent with the public hearing for the two competitive 28 bed CON applications submitted by CFVHS and FirstHealth.

¹ CON Application N-8843-12, page 19.

II. Chronology of Important Events

1. April 2012 Settlement Agreement

As part of a Settlement Agreement in April 2012, Cape Fear Valley was issued a certificate of need to build Hoke Community Medical Center, a 41-acute care bed community hospital in Hoke County (Project I.D. #N-8499-10) with a 16-bay emergency department, nine observation beds, two operating rooms, four birthing suites, a C-section room, and laboratory and imaging services. FirstHealth was issued a certificate of need to construct an 8-bed inpatient unit adjacent to an emergency room at FirstHealth Hoke with 4 observation beds and 1 shared operating room (Project I.D. #N-8497-10) as part of the same Settlement Agreement.

The following table summarizes the acute care facilities and services approved for development in Hoke County.

Hoke County
CON-approved Acute Care Facilities and Services

Service or Department	Hoke Community Medical Center	FirstHealth Hoke	Total
Acute Care Beds			
Med/Surg	21	8	29
ICU	4	0	4
OB	16	0	16
LDRP	0	0	0
Total	41	8	49
Level I Bassinets (unlicensed)	16	0	16
Observation Beds (unlicensed)	9	4	13
Surgery			
Shared	2	1	3
C-Section	1	0	1

As a result of the Settlement Agreement Hoke County will have two hospitals, with a combined total of 49 acute care beds, including 4 ICU beds and 16 OB beds, 3 shared operating rooms, 1 dedicated C-section room, 2 emergency departments with a total of 24 treatment rooms under development. The two hospitals will be located in McLaughlin Township in Hoke County, on US Route 401, approximately 3 miles apart.

2. June 15, 2012 Proposed FirstHealth Hoke Hospital Operating Room Relocation and 28 Bed Expansion Applications

FirstHealth proposes to relocate one operating room from FirstHealth Moore in Pinehurst, for a total of two shared operating rooms at FirstHealth Hoke. FirstHealth states:

“this CON Application is **not contingent** on the approval of the [FirstHealth Hoke] proposed 28-bed expansion CON application. [Emphasis added.]²”

² CON Application N-8843-12, page 56.

FirstHealth then states:

since twenty-eight acute care beds have become available for Hoke County under the 2012 SMFP, FirstHealth has determined that **one operating room** (as originally planned for the 8-bed hospital) **will not meet the needs of a larger hospital**. Thus, FirstHealth is proposing to relocate an additional operating room to [FirstHealth Hoke]. [Emphasis added.]³

Despite the contradictory statements, FirstHealth's projected inpatient volume and subsequently its inpatient surgical volume in Project I. D. #N-8843-12, are inconsistent with projected inpatient utilization projected in the previous application AND inconsistent with the projected emergency room admissions reflected on page 210 of the Application. Furthermore, the assumptions utilized by FirstHealth to project inpatient and outpatient surgical cases are unreasonable. Therefore, the additional operating room proposed in Project I. D. #N-8843-12 cannot be approved as discussed in the context of CON Review Criterion (3).

The following table summarizes the acute care facilities and services approved and proposed for development in Hoke County. The proposed services are highlighted in red for convenience.

Service or Department	Hoke Community Medical Center Approved	FirstHealth Hoke Approved and Proposed	Total Approved and Proposed
Acute Care Beds			
Med/Surg	21	8 + 24 = 32	21 + 32 = 53
ICU	4	4	4 + 4 = 8
OB	16	0	16
LDRP	0	0	0
Total	41	8 + 28 = 36	41 + 36 = 77
Level I Bassinets (unlicensed)	16	0	16
Observation Beds (unlicensed)	9	4	13
Surgery			
Shared	2	1 + 1 = 2	2 + 2 = 4
C-Section	1	0	1

If the FirstHealth OR Application is approved, Hoke County will have 2 hospitals, with a combined total of 4 shared operating rooms, 1 dedicated C-section room. The 2 hospitals will be located in McLaughlin Township in Hoke County. Both will be on US Route 401, approximately 3 miles apart.

FirstHealth Hoke has not documented the need for an additional operating room in Hoke County and the proposed project results in a duplication of services in Hoke County. Therefore, both FirstHealth applications should be denied.

³ CON Application N-8843-12, page 28

III. CON Review Criteria

The following comments are submitted based upon the CON Review Criteria found at G.S.131E-183. While some issues impact multiple Criteria, they are discussed under the most relevant review Criteria and referenced in others to which they apply.

G.S. 131E-183 (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.

1. Operating Room Need Methodology – Results in Surplus of Operating Rooms

Surgical volume is overstated in the FirstHealth OR Application as discussed in Criterion (3) below. As a result, FirstHealth fails to justify total operating rooms in the Moore/Hoke Service Area and the need to relocate one operating room to Hoke County. There is a surplus of operating rooms based on the Operating Room Need Methodology in the *2012 SMFP* (Attachment 1) and the *Proposed 2013 SMFP* (Attachment 2), and the methodology used by FirstHealth to project volume at FirstHealth Moore.

As reflected on page 56 of the FirstHealth 28-Bed Application, the additional operating room is needed to support the 28-beds at FirstHealth Hoke. The 28-beds at FirstHealth Hoke cannot be approved without a second operating room. Therefore, the proposed relocation of one operating room from the Moore/Hoke Service Area is to serve the surgical need associated with the addition of 28 additional acute care beds generated by the Cumberland/Hoke Service Area. This project is in fact tantamount to adding an operating room to the Cumberland/Hoke Service Area. As reflected on page 85 of the *2012 SMFP* (Attachment 1) there is a surplus of operating rooms in the Cumberland/Hoke Service Area. Therefore the proposed FirstHealth project results in a duplication of surgical services in the Cumberland/Hoke Service Area based upon the *2012 SMFP*.

Therefore, the FirstHealth OR Application is non-conforming to CON Review Criterion (1). Please see also a discussion in the context of CON Review Criterion (3).

2. Policy Gen-3 – Basic Principles

FirstHealth failed to adequately demonstrate the need to relocate one operating room to Hoke County and for the acute care bed expansion project. In addition the proposed expansion of FirstHealth Hoke results in a duplication of existing operating rooms in Hoke County. FirstHealth therefore failed to document how its proposed projects incorporate the Basic Principles in meeting the need for the relocation of an additional operating room to Hoke County. Please see also the discussion in the context of CON Review Criterion (3) below.

G.S. 131E-183 (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.

The project proposed by FirstHealth is flawed in so many ways it is difficult to determine where to begin these Comments.

1. Hoke County Does Not Need Four Shared Operating Rooms

The 2012 Settlement Agreement authorizes Cape Fear Valley and FirstHealth to develop three shared surgical operating rooms and one C-section room in Hoke County.

Cape Fear Valley was issued a certificate of need to build a 41-acute care bed community hospital in Hoke County (Project I.D. #N-8499-10) with two operating rooms and a C-section room.

FirstHealth was issued a certificate of need to construct an 8-bed inpatient unit adjacent to an emergency room at FirstHealth Hoke (Project I.D. #N-8497-10) with one operating room. FirstHealth seeks approval to relocate one operating room from FirstHealth Moore to FirstHealth Hoke, for a total of two shared operating rooms.

As shown in the following table, Hoke County does not have a need for more than the **3** approved shared operating rooms in Project Years 1-3.

**Hoke County Operating Room Need
2012 – 2017**

Data Year	2012	2013	2014	2015	2016	2017
Population	50,347	51,629	52,908	54,190	55,471	56,754
3 Yr Avg Use Rate	18.68	18.68	18.68	18.68	18.68	18.68
Estimated Inpatient Cases	940	964	988	1,012	1,036	1,060
Community Acuity Adjusted Volume and C-Sections	50%	50%	50%	50%	50%	50%
Projected Inpatient Cases	470	482	494	506	518	530
Plus 10% In-migration	522	536	549	562	576	589
Weighted Inpatient Hours	1,567	1,607	1,647	1,687	1,727	1,767
Population	50,347	51,629	52,908	54,190	55,471	56,754
3 Yr Avg Use Rate	38.11	38.11	38.11	38.11	38.11	38.11
Estimated Outpatient Cases	1,919	1,968	2,017	2,065	2,114	2,163
Plus 10% In-migration	2,132	2,186	2,241	2,295	2,349	2,403
Weighted Outpatient Hours	3,198	3,280	3,361	3,442	3,524	3,605
Total Weighted Hours	4,765	4,887	5,008	5,129	5,250	5,372
Hoke County Operating Rooms Needed	2.55	2.61	2.68	2.74	2.80	2.87

Source: Attachment 8, Table 2

*Inpatient cases include C-Section volume. The 50% adjustment adjusts out C-Section volume as well as surgical cases with higher acuity. The 50% is based upon actual Hoke County surgical admissions in FY 2011 as reflected in Attachment 8, Table 9.

The above projected utilization is based upon reasonable planning assumptions. The use of three year average, inpatient and outpatient, surgical use rates to project future surgical utilization smoothes historical spikes in utilization and results in more reliable projections. The 50% acuity

adjustment for community hospital acuity adjusted inpatient surgical volume for Hoke County is generous as actual surgical acuity reflected in Attachment 8; Table 9 is less than 40%. As shown in the previous table, the fourth Hoke County operating room proposed by FirstHealth is not needed.

On pages 70 through 72 FirstHealth also provided population growth rates and age specific statistics which "supported" the relocation of the proposed operating room to Hoke County. FirstHealth's data is misleading. The data either combines the population of the four county service area instead of just presenting Hoke County data, or utilizes percentages to illustrate the projected high growth in Hoke County between 2010 and 2020. While the percentage growth in Hoke County is significant, projected actual population growth for the 65+ population is only 2,492 persons age 65+ which is only 21.0% of the Cumberland County expected growth in population age 65+ as shown in the following table.

**Hoke and Cumberland Counties
65+ Actual Population Growth**

Rank - All North Carolina Counties	County	2010	2020	Actual Increase Population Growth
1	Wake	77,799	134,232	56,433
9	Cumberland	31,258	43,097	11,839
22	Harnett	12,126	18,750	6,624
55	Hoke	3,557	6,049	2,492

Source: NC OSBM, Attachment 8, Table 10

**Hoke and Cumberland Counties
45+ Actual Population Growth**

Rank - All North Carolina Counties	County	2010	2020	Actual Increase Population Growth
1	Wake	299,597	424,054	124,457
14	Harnett	38,964	51,858	12,894
18	Cumberland	105,801	116,558	10,757
31	Hoke	13,854	19,105	5,251

Source: NC OSBM, Attachment 8, Table 10

On page 70 FirstHealth states that, "the rapid growth in the 45-64 and 65+ populations will result in a significant increase in demand for healthcare services including inpatient care." If this is true, the need for expanding serves in Cumberland County far outweighs the need in Hoke County. Cumberland County actual population growth projected for the 45+ population is more than twice the Hoke County actual population growth projected for the population 45+ as shown in the previous table.

2. FirstHealth Proposes a Change in the Scope of Services Provided at FirstHealth Hoke

In Project I.D. #N-8497-10, the CON Section approved FirstHealth Hoke's defined 1-county service area: Hoke County only.

In the FirstHealth Hoke OR Application, FirstHealth’s methodology to project inpatient surgical volume is based on a projected number of surgical inpatients from a 4-county service area to be treated during the first three years of operation of FirstHealth Hoke.

FirstHealth contends that the projected inpatient volume in this Application is not dependent on approval of the 28 acute care beds. However, the 8 approved beds at FirstHealth Hoke are not sufficient to meet the projected demand for inpatient admissions calculated in Project I.D. #N-8497-10 plus the inpatient surgical cases calculated in this Application. Project I.D. #N-8497-10 calculates a need for inpatient beds based upon emergency room admissions. This Application projects a need for inpatient surgical cases based upon shifting volume from FirstHealth Hoke. The two Applications are inconsistent and both cannot be correct.

In Project I.D. #N-8497-10, the eight acute care beds were approved to meet the needs of emergency patients that did not need to be transferred to FirstHealth Moore. In this Application FirstHealth does not discuss what will happen to the emergency room patients, for whom the original eight beds were approved, when the projected inpatient surgical patients are admitted. FirstHealth did not discuss any change in scope of the previous project. However, it has to be assumed that FirstHealth will instead utilize the eight beds at FirstHealth Hoke to meet the needs of predominantly surgical patients as discussed in detail below.

FirstHealth has provided no rationale or assumptions to justify this change in scope. The proposed FirstHealth Hoke is not operational and therefore a change in scope requires a CON. This Application does not justify the intended change in scope. FirstHealth does not address the needs of those patients that will seek emergency care and need to be admitted, that previously were to utilize the eight inpatient beds.

In Step 13 on page 90 of the FirstHealth OR Application, FirstHealth shows its total projected inpatient surgical cases, providing the number of inpatient **surgical hours** for which it was approved in Project I.D. #N-8497-10. FirstHealth does not identify the **number** of inpatient surgical cases for which it was approved in Project I.D. #N-8497-10.

In Project I.D. #N-8497-10, the CON Section approved inpatient surgical volume in 1 shared operating room, as shown in the following table.

**FirstHealth Hoke
Project I.D. #N-8497-10
Approved Inpatient Volumes
Project Years 1-3**

Project I.D. #N-8497-10	PY 1: FY 2014	PY 2: FY 2015	PY 3: FY 2016
“Previous IP Hours”	195	201	206
Weighted Hours per IP Case	3	3	3
Approved IP Surgical Cases	65	67	69
ALOS	3.1	3.1	3.1
Inpatient Surgical Patient Days	202	208	214
Inpatient Medical Patient Days	2,009	2,069	2,130

Source: CON Application Project I.D. #N-8843-12, page 90;
CON Application Project I.D. #N-8497-10, page 219 (Attachment 7)

**FirstHealth Hoke
Project I.D #N-8843-12
Proposed Inpatient Volumes
Project Years 1-3**

Project I.D #N-8843-12	PY 1: FY 2015	PY 2: FY 2016	PY 3: FY 2017
Proposed IP Surgical Cases	231	350	470
ALOS	4.1	4.1	4.1
Inpatient Surgical Patient Days	947	1,435	1,927
Proposed IP Medical Cases	345	275	204
ALOS	4.2	4.2	4.2
Inpatient Medical Patient Days	1,449	1,155	857

Source: CON Application Project I.D. #N-8843-12, page 210 and page 86, Step 10

As reflected in the two previous tables, FirstHealth has increased surgical patient days by 88.9% and has decreased medical patient days by 59.8%. FirstHealth has not provided any assumptions to determine why this shift in scope for the eight bed hospital is reasonable.

In addition, total admissions at FirstHealth Hoke have changed dramatically. In Project I.D. #N-8497-10 inpatient admissions totaled 825 cases. In Project I.D #N-8843-12 inpatient admissions total only 674 cases a decrease of 18.3%.

Finally, in Project I.D #N-8843-12 on page 210 FirstHealth has projected admissions inconsistently. Inpatient Department admissions on page 210 total 674 patients. However, Emergency Department admissions equal 18.3% of total projected ED visits; that equals 1,862 admissions through the FirstHealth Hoke ED.

ED admissions on page 210 exceed projected inpatient admissions on page 210 by 1,188 cases.

As a result, the projections in the application are not reasonable and the financial Proformas are based upon unreasonable assumptions. FirstHealth provided no assumptions to explain this discrepancy. Therefore the project is non-conforming to Criterion (3).

3. FirstHealth Hoke Operating Room Methodology - Project I. D. #N-8843-12

In the FirstHealth OR Application, FirstHealth **substantially** increases its projected inpatient surgical volume at FirstHealth Hoke, as shown in the following tables.

**FirstHealth Hoke
Projected Inpatient Surgical Volume
Project Years 1-3**

CON Application N-8843-12	PY 1: FY 2015	PY 2: FY 2016	PY 3: FY 2017
Total IP Hours	693	1,049	1,411
Weighted Hours per IP Case	3	3	3
Projected IP Surgical Cases	231	350	470

Source: CON Application N-8843-12, page 90

FirstHealth Hoke
Comparison of Approved and Projected Inpatient Surgical Volume
Project Years 1-3

Project I.D. #N-8497-10	PY 1: FY 2014	PY 2: FY 2015	PY 3: FY 2016
Approved IP Surgical Cases	65	67	69
CON Application N-8843-12	PY 1: FY 2015	PY 2: FY 2016	PY 3: FY 2017
Projected IP Surgical Cases	231	350	470
Difference			
Numerical	166	283	401
Percent	255.4%	422.4%	584.5%

Source: CON Application Project I.D. #N-8497-10 (Attachment 7, page 220) and Project I.D. #N-8843-12, page 90

Projected inpatient surgical utilization for FirstHealth Hoke was developed based on a thirteen step methodology. While FirstHealth admits that:

One operating room would not be sufficient to support a 36-bed acute care hospital as this application suggests.⁴

FirstHealth contends that the beds are not needed to justify the additional operating room. However, the first twelve steps of this Application's methodology are identical to the first twelve steps of Project I.D. #N-8838-12 for 28 additional acute care beds at FirstHealth Hoke. As a result, the following comments are identical to comments made in the Comments in Opposition on Project I.D. #N-8832-12 submitted by Cape Fear Valley Health System.

On pages 79-91, FirstHealth discusses the methodology utilized to project the shift in patient volume from FirstHealth Moore to FirstHealth Hoke. The following discussion follows the methodology Step by Step pointing out errors in the methodology. As discussed below, volumes are overstated, incorrect, unsupported and unreasonable.

Step 1. Population Projections and Step 2. Population Growth Rates

On page 80, FirstHealth discusses the significant population growth of Hoke County from 2000 to 2010. FirstHealth fails to acknowledge that much of this growth was attributed to the Base Realignment and Closure Act (BRAC). As discussed in the CFVHS Project I.D. N-8833-12, pages 43 and 44, the growth in population is slowing and flattening. Project I.D. N-8833-12 Exhibit 32 discusses the unrealized growth associated with BRAC and the fact that population growth is slowing. While it is expected that the population will continue to grow; the Fayetteville Observer has reported that the growth rate will be lower and the growth will occur over a longer timeframe.⁵ (Attachment 9) Therefore, North Carolina Office of State Budget and Management population projections for both Cumberland and Hoke Counties may be overstated. FirstHealth failed to acknowledge that trend in its projections.

Step 3. FY 2011 Acute Care Admissions and Patient Days by County

⁴ CON Application N-8843-12, page 76.

⁵ <http://www.fayobserver.com/articles/2012/01/29/1151310?sac=Local>

The base year data (FY 2011) on page 81 and in the Exhibits includes Long-Term Care Hospital (LTCH) volumes and some psychiatric hospital volume. LTCH and psychiatric patients and patient days are not included in the Acute Care Bed Need Methodology as reflected on page 41 if the 2012 SMFP (Attachment 1). Data provided by FirstHealth on pages 326 through 356, included in Attachment 3, shows clearly that data from the following LTCH and psychiatric hospitals were included in the base data utilized on page 81 and throughout the projections in Step 3 through Step 6. This resulted in FirstHealth overstating patients and days for both acute and "community" volumes.

- Brynn Marr
- Highsmith-Rainey Specialty Hospital
- Kindred Hospital of Greensboro
- Psychiatric Solutions of NC dba Holly Hill Hospital
- Select Specialty Hospital - Durham
- Select Specialty Hospital - Greensboro
- Carolinas Specialty Hospital

This resulted in overstating surgical cases appropriate for relocation.

Step 4. Project Acute Care Admissions by County Using Population Growth from Step 2 and Historical Volume from Step 3.

Using population growth to project future volume assumes that the 2011 surgical use rates and market share will remain constant. Historical surgical use rates are reflected below.

**Hoke County Surgical Use Rates
2008-2011**

Hoke County	Inpatient Cases				2009-2011
FY	2008	2009	2010	2011	Avg
Inpatient Cases	854	798	929	940	
Population	44,588	45,973	47,606	49,065	
Use Rate	19.15	17.36	19.51	19.16	18.68
Hoke County	Outpatient Cases				2009-2011
FY	2008	2009	2010	2011	Avg
Outpatient Cases	2,140	1,519	1,825	2,108	
Population	44,588	45,973	47,606	49,065	
Use Rate	47.99	33.04	38.34	42.96	38.11

Source: Attachment 8, Table 1

As shown in the previous table, surgical utilization in Hoke County has fluctuated over the last four years. A three year average smoothes out spikes in utilization over the years and is a better measure of future utilization.

In addition, as reflected in the following table actual surgical utilization at FirstHealth Moore from the four counties has decreased during the last two years, further substantiating the fact that the use of population growth is unreasonable in this methodology.

FirstHealth Moore

**Hoke County Surgical Utilization and Market Share
2008-2011**

Hoke County	FirstHealth Moore			
FY	2008	2009	2010	2011
Inpatient Cases	335	343	396	349
Market Share	39.2%	43.0%	42.6%	37.1%
Hoke County	FirstHealth Moore			
FY	2008	2009	2010	2011
Outpatient Cases	230	276	275	303
Market Share	10.7%	18.2%	15.1%	14.4%

Source: Attachment 8, Table 1

As shown in the previous table, FirstHealth's market share of inpatient and outpatient surgical volume from Hoke County has decreased continually since 2009. FirstHealth provided no data and no discussion about why using population growth was a reasonable assumption, when in fact both the admission use rate and market share were unreasonable, as shown in the previous tables. In fact, it is unreasonable to assume that the level of utilization experienced in FY 2011 will continue; therefore, using a population growth rate is not reasonable in this methodology based upon the above data.

In some cases, a population growth rate can be utilized to project future utilization. To justify the use of a population growth rate, a methodology should include a discussion of use rates for the proposed service area, as well as historical utilization. CFVHS utilized a population growth rate in Project I.D. #N-8499-10. CFVHS provided extensive data and discussion regarding use rates for the counties impacted and discussed why this was a reasonable methodology. CFVHS also included historical utilization data to support the assumption. FirstHealth has not justified the use of the population growth rate. **In fact, it is unreasonable of FirstHealth to assume that the use rates experienced in FY 2011 will continue based upon the data presented here regarding use rates; therefore, using a population growth rate is not reasonable in this methodology.**

Step 5. FY 2011 "Community Hospital" Appropriate Admissions and Patient Days by County

As previously discussed, the base year data (FY 2011) on page 81 in Step 3 and pages 326 through 356 in the Exhibits include Long-Term Care Hospital (LTCH) volumes and some psychiatric hospital volume. In addition, only some surgical DRGs were excluded based upon the assumptions provided in the application. Data included on pages 326 through 356 illustrate the surgical DRGs that FirstHealth proposed to shift to FirstHealth Hoke. In fact this is the only data available in the application which provides any information regarding what DRGs are included or excluded in the surgical cases proposed in the FirstHealth methodology. FirstHealth did not provide any detail regarding how the "community hospitals" additional exclusions for OB deliveries, neonatology, trauma, open heart, surgical cardiology, neurosurgery, and thoracic surgery are defined. CFVHS tried unsuccessfully to duplicate the volumes reflected in data on pages 326 through 356 of the Exhibits.

Data on pages 326 through 356 reflect the actual "community hospital" appropriate utilization in FY 2011 at FirstHealth Moore Regional that is the base data for FirstHealth Hoke projections. CFVHS

summarized the data by DRG, with acuity detail. That detail is included in Attachment 4, along with the FirstHealth data.

Step 6. Project "Community Hospital" Appropriate Admissions by County Using Population Growth from Step 2 and Historical Volume from Step 5.

As previously discussed, using population growth to project future volume assumes that the 2011 surgical use rate and market share will remain constant. A three year average is a better measure of future utilization. FirstHealth provided no data and no discussion about why using population growth was a reasonable assumption, when in fact both the admission use rate and ALOS were unusually inflated in FY 2011 as shown in the previous table. **In fact, it is unreasonable to assume that the level of utilization experienced in FY 2011 will continue; therefore, using a population growth rate is not reasonable in this methodology.**

Step 7. FY 2011 "Community Hospital" Appropriate Admissions by County Provided by FirstHealth Moore Regional

Data on page 83 in Step 7 is incorrect. As reflected in Attachment 4, FirstHealth failed to delete DRGs 884-897 for chemical dependency, resulting in overstating base year data.

In addition, FirstHealth failed to acuity adjust any of the remaining DRGs as discussed above. The following table shows acuity data by county of the FirstHealth volumes utilized as base data for the projections.

**FirstHealth Moore Regional "Community" Volumes By County
Acuity Level**

	Cumberland		Hoke		Robeson		Scotland	
	Pts	Days	Pts	Days	Pts	Days	Pts	Days
Total Patient Volume	350	1,281	1,499	6,482	1,076	4,390	615	2,526
Total Volume with Acuity Level Less than 2.0	250	896	1,303	5,191	785	2,903	490	1,781
Total Volume with Acuity Level Greater than 2.0	100	385	196	1,291	291	1,487	125	745
% of Greater than 2.0	28.6%	30.1%	13.1%	19.9%	27.0%	33.9%	20.3%	29.5%

Source: Attachment 4

As shown in the above table, 13% to 28.6% of total cases had an acuity level greater than 2.0 which reflects the difficulty of a case. **FirstHealth should have made an acuity adjustment to reflect remaining surgical patients not appropriate for a community hospital.** For illustrative purposes, the following table includes surgical DRGs with an acuity level greater than 3.0, which represents cases with very high acuity levels, which FirstHealth included as "community" appropriate when calculating inpatient surgical cases. The list would be even longer if CFVHS utilized its own definition of "community" appropriate DRGs for the following list and included all DRGs with an acuity level greater than 2.0. Leaving these high acuity patients in the methodology resulted in overstated inpatient surgical cases.

FirstHealth "Community" DRGs with Acuity Level Greater than 3.0

MS-DRG	MDC	TYPE	MS-DRG Title	Weights
459	08	SURG	SPINAL FUSION EXCEPT CERVICAL W MCC	6.5065
326	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W MCC	5.8142
820	17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W MCC	5.7112
853	18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W MCC	5.5237
329	06	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W MCC	5.2807
856	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W MCC	5.1296
981		SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	5.0634
461	08	SURG	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY W MCC	4.9385
466	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W MCC	4.9144
471	08	SURG	CERVICAL SPINAL FUSION W MCC	4.7301
239	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W MCC	4.5544
616	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DIS W MCC	4.4934
335	06	SURG	PERITONEAL ADHESIOLYSIS W MCC	4.2777
356	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W MCC	4.0293
460	08	SURG	SPINAL FUSION EXCEPT CERVICAL W/O MCC	3.8713
907	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W MCC	3.8268
414	07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W MCC	3.6675
656	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W MCC	3.5713
469	08	SURG	MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W MCC	3.4724
987		SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	3.4495
622	10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W MCC	3.4166
628	10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W MCC	3.3819
462	08	SURG	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY W/O MCC	3.3425
477	08	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W MCC	3.3286
467	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W CC	3.2321
515	08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W MCC	3.1894
037	01	SURG	EXTRACRANIAL PROCEDURES W MCC	3.1543
480	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W MCC	3.0939
492	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR W MCC	3.0670
500	08	SURG	SOFT TISSUE PROCEDURES W MCC	3.0288
662	11	SURG	MINOR BLADDER PROCEDURES W MCC	3.0158
654	11	SURG	MAJOR BLADDER PROCEDURES W CC	3.0054

Source: Attachment 4

Step 8. Project "Community Hospital" Appropriate Admissions by County Provided by First Health Moore Regional Using Population Growth from Step 2 and Historical Volume from Step 7.

As previously discussed, using population growth to project future volume assumes that the 2011 surgical use rate will remain constant. A three year average is a better measure of future utilization. FirstHealth provided no data and no discussion about why using population growth was a reasonable assumption, when in fact both the surgical use rate and FirstHealth's market share were

continually changing. **In fact, it is unreasonable to assume that the level of utilization experienced in FY 2011 will continue; therefore, using a population growth rate is not reasonable in this methodology.**

In addition, as discussed above, base data for FY 2011 was not appropriately adjusted for acuity. That results in overstating the surgical "community" cases.

Step 9. Project "Community Hospital" Appropriate Patient Days by County Provided by First Health Moore Regional Using Admission from Step 8 and Historical Average Length of Stay

FirstHealth did not utilize ALOS in this methodology. This Step is duplicative of the methodology in Project I.D. #N-8838-12. FirstHealth calculated historical average length of stay (ALOS) based upon the incorrect data in Step 7 above which is reflected on page 97 of the application. In addition to utilizing overstated patient days, FirstHealth did not acuity adjust the ALOS reflected in Step 9 as discussed above. The following table provides acuity adjusted ALOS for the historical data utilized in Step 7 which is summarized in Attachment 4.

FirstHealth "Community Hospital" Acuity Adjusted Average Length of Stay

	Cumberland		Hoke		Robeson		Scotland	
	Pts	Days	Pts	Days	Pts	Days	Pts	Days
Total "Community" Volume	350	1281	1499	6482	1076	4390	615	2526
ALOS		3.7		4.3		4.1		4.1
Total "Community" Volume with Acuity Level Less than 2.0	250	896	1303	5191	785	2903	490	1781
ALOS		3.6		4.0		3.7		3.6
ALOS Percent Overstated		2.8%		7.5%		10.8%		13.9%

Source: Attachment 4

As shown in the previous table, failure to adjust for higher acuity cases that are not appropriate for a community hospital setting resulted in overstating the ALOS in the FirstHealth application. Due the failure of FirstHealth to appropriately acuity adjust volumes resulted in the use of ALOS metrics in the FirstHealth application that are 2.8% to 13.9% higher than they should be. Therefore, depending on the county projected patient days were similarly overstated.

Once again, in Step 9, FirstHealth utilizes population growth to project future volume assuming that the 2011 admission use rate and ALOS will remain constant. **As discussed above, it is unreasonable to assume that the level of utilization experienced in FY 2011 will continue and ALOS is overstated; therefore, using a population growth rate is not reasonable in this methodology.**

Step 10. FY 2011 Medical/Surgical Mix of "Community Hospital" Appropriate Admissions and Patient Days Provided by First Health Moore Regional

The volumes utilized are based upon incorrect volumes and are not acuity adjusted as previously discussed. Therefore, the medical/surgical split and the resulting volumes and the average lengths of stay in the table on page 86 are incorrect and overstated. Further, as noted in Attachment 4, FirstHealth incorrectly counted surgical DRGs 853 and 857 as medical cases and days for Hoke County on page 490.

Step 11. Apply FY 2011 Medical/Surgical Mix to Projected FirstHealth "Community Hospital" Appropriate Admissions

The volumes utilized are based upon incorrect volumes and are not acuity adjusted as previously discussed. Therefore, the volumes and the average lengths of stay in the table on page 87 are overstated.

Step 12. Project Surgical Volume Shifted

FirstHealth erroneously assumes that they will shift 470 surgical admissions from FirstHealth Moore to FirstHealth Hoke. As previously discussed, that volume is not acuity adjusted and is based upon incorrect data.

In addition, FirstHealth projected surgical volume shifts assumes that 27 surgeons (page 144) will share one operating room at FirstHealth Hoke. The one operating room in the approved FirstHealth Hoke also must meet the surgical needs of the emergency room. Therefore, the proposed inpatient surgical volume shift is unreasonable, resulting in overstated projections and the project should be denied.

A review of the surgical staff proposed for FirstHealth Hoke and FirstHealth Moore also demonstrates that the proposed shifts in volume are unreasonable. On page 144 FirstHealth states that FirstHealth Hoke will have 27 surgeons in the following surgical specialties: General Surgery, Neurosurgery, OB/GYN, Ophthalmology, Orthopedic, ENT, Plastic Surgery and Urology.

There are 72 total physicians in these same specialties at FirstHealth Moore. If all 27 proposed surgeons currently practice at FirstHealth Moore, as indicated by letters of support, 37.5% of surgeons will switch to FirstHealth Hoke or work at both locations ($27 / 72 = 37.5\%$).

On page 88, FirstHealth proposes to shift up to 60% of all surgical cases identified for Hoke County residents. Therefore, FirstHealth assumes that a significant number of patients, in-particular, those currently seeing the 62.5% of surgeons who choose not to go to FirstHealth Hoke, will change physicians. FirstHealth does not provide any documentation from patients who will be willing to switch physicians.

Furthermore, a review of surgeons at FirstHealth Moore and FirstHealth Richmond indicates very little overlap between the two locations for some specialists. OB/GYNs and Urologists do not overlap FirstHealth facilities as reflected in the FirstHealth medical staff lists included in Attachment 6.

FirstHealth Richmond is approximately 32.3 miles, 40 minutes from FirstHealth Moore. FirstHealth Hoke is approximately 28.5 miles and 38 minutes. Based upon the similar distances it is reasonable to assume that existing medical staff at FirstHealth Moore will behave in a similar manner and not overlap facilities between FirstHealth Moore and FirstHealth Hoke. Therefore, the

60% shift in surgical visits for Hoke County residents currently seeking care with Moore County physicians is overstated as are the shifts in volume from Cumberland, Scotland and Robeson.

Step 13. Outpatient Surgical Projections

In Step 13. FirstHealth unreasonably doubles outpatient surgical volume at FirstHealth Hoke. In Project I.D. #N-8497-10, FirstHealth defined a county service area consisting solely of Hoke County, and only proposed to treat surgical patients from Hoke County.

The CON Section approved outpatient surgical volume in a single shared operating room, as shown in the following table.

**FirstHealth Hoke
Approved Outpatient Surgical Volume
Project Years 1-3**

Project I.D. #N-8497-10	PY 1: FY 2014	PY 2: FY 2015	PY 3: FY 2016
Approved OP Surgical Cases	393	471	550

Source: CON Application N-8843-12, page 90

In the FirstHealth OR Application, FirstHealth doubles its projected outpatient surgical volume, based on a newly-defined 4-county service area, as shown in the following table. However, as discussed above, projected utilization was overstated based upon population growth and acuity. Furthermore, FirstHealth did not provide any specific documentation of projections; they just double the projections.

**FirstHealth Hoke
Projected Outpatient Surgical Volume
Project Years 1-3**

CON Application N-8843-12	PY 1: FY 2015	PY 2: FY 2016	PY 3: FY 2017
Projected OP Surgical Cases	786	942	1,100

Source: CON Application N-8843-12, page 90

For comparison purposes, the approved 41-bed, Hoke Community Medical Center with 2 shared operating rooms, has a service area that includes all of Hoke County, three zip codes in southwest Cumberland County, and one zip in the northern corner of Robeson County.

FirstHealth states that it does not propose to “take” “surgical case volume from Cape Fear Valley’s Hoke Hospital.” Instead, FirstHealth asserts that it is “shifting’ each existing health system’s patients to [its] respective Hoke County hospital.”

FirstHealth is silent about proposing to “take” surgical case volume from Cape Fear Valley Medical Center in Fayetteville. The following sentences on page 95 documents that the projected outpatient surgical cases will in fact be “taken”:

However, OP surgical cases associated with Fayetteville surgeons are not expected to be surgical cases 'shifting' from [FirstHealth Moore].

[...]

It should be noted that the new outpatient surgical volume [...] are assumed to be non-[FirstHealth Moore] patients and are not subtracted from the [FirstHealth Moore] outpatient total cases.

FirstHealth's proposed increased surgical case volume will impact Cape Fear Valley Medical Center, and acute care hospitals in Scotland and Robeson counties.

The following table shows the increase in FirstHealth Moore's outpatient surgical market share from FY 2011 at FirstHealth Hoke, most significantly from Hoke and Robeson counties.

**FirstHealth Hoke
Surgical Outpatient Volume and Projected Market Share**

	FY 2015	FY 2016	FY 2017	% Change 2011-2017	% Change 2015-2017
FirstHealth Hoke					
FirstHealth Hoke OP	255	306	358	18.0%	39.9%
Total Hoke Cty Volume	2,065	2,114	2,163		
Mkt Share	12.4%	14.5%	16.5%	15.0%	33.6%

Source: Attachment 8, Table 7

As shown in the previous table, FirstHealth cannot achieve the projected volumes without substantially increasing FirstHealth Hoke's surgical market share from each county. As will be discussed below FirstHealth does not substantiate physician support and "surgical case commitments" from its newly-defined 4-county service area, and a doubling of outpatient surgical volume.

FirstHealth has not projected a need for a second operating room at FirstHealth Hoke. Projected inpatient admissions on page 210 are inconsistent with projected emergency room admissions on page 210. Projected volumes are based upon unreasonable assumptions; incorrect data is used in baseline volumes. As a result, FirstHealth is non-conforming to Criterion (3) and should not be approved.

4. Physician Letters of Support and "Surgical Case Commitments" do not Support Surgical Projections

FirstHealth makes clear that the need for a second shared operating room based on "commitment" letters from physicians.

On page 57, FirstHealth provides a table that "identifies each physician or medical practice and their specialty and each physician's committed annual surgical cases from the service area. Of the 32 physicians listed in that table on page 57, **only 1 who is "committing annual cases is based in Cumberland, Robeson or Scotland counties.** That physician (Dr. Neil Griffin) is an ophthalmologist from Carolina Eye Associates in Fayetteville, who commits to perform outpatient cases only.

Dr. Griffin is identified on page 57 as having committed to performing 739 annual outpatient surgical cases at FirstHealth Hoke – the largest commitment of all physicians listed on page 57. It is important to note that there is **no ophthalmic surgical procedure listed in the Projected Top 20 Surgical Procedures** to be performed at FirstHealth Hoke in FY 2015 (Project Year 1) on page 42 in response to 10A NCAC 14C .2102(c)(8).

Please note that on page 57, there are 5 physicians identified with a specialty of “oral surgery,” located in Fayetteville. **None of those 5 physicians committed to perform any surgical cases at FirstHealth Hoke.** Additionally, none of those physicians is listed as an “oral surgeon” on the website of Village Family Dental. According to the website of Village Family Dental, Drs. McGibbon, Oakes, Ravel, Collins, and Dodds are pediatric dentists.⁶

Exhibit 35 contains letters from physicians (pages stamped 000570-000627) containing “surgical commitments.” Please note that **only 1 of physician (Dr. Griffin) lists an address in Cumberland County.** None of those physicians lists an address in Robeson or Scotland County.

A review of the surgical staff proposed for FirstHealth Hoke and FirstHealth Moore Regional also indicates that the proposed shifts in surgical volume are unreasonable. On page 157 FirstHealth indicates that FirstHealth Hoke will have 27 physicians in the following surgical specialties: General Surgery, Neurosurgery, OB/GYN, Ophthalmology, Orthopedic, ENT, Plastic Surgery and Urology.

There are 72 total physicians in these same specialties at FirstHealth Moore. If all 27 proposed surgeons currently practice at FirstHealth Moore, as indicated by letters of support, 37.5% of surgeons will switch to FirstHealth Hoke or work at both locations ($27 / 72 = 37.5\%$).

On page 100, FirstHealth proposes to shift up to 60% of all surgical cases identified for Hoke County residents. Therefore, FirstHealth assumes that a significant number of patients, in particular, those currently seeing the 62.5% of surgeons who choose not to go to FirstHealth Hoke, will change physicians. FirstHealth does not provide any documentation from patients who will be willing to switch physicians.

Furthermore, a review of physicians on the medical staffs at FirstHealth Moore and FirstHealth Richmond, indicates very little overlap between the two locations. While some specialty physicians overlap FirstHealth facilities as reflected in the FirstHealth medical staff lists included in Attachment 6 many do not, including OB/GYNs.

FirstHealth Richmond is approximately 32.3 miles, 40 minutes from FirstHealth Moore. FirstHealth Hoke is approximately 28.5 miles and 38 minutes. Based upon the similar distances it is reasonable to assume that existing medical physicians at FirstHealth Moore will behave in a similar manner and not overlap facilities between FirstHealth Moore and FirstHealth Hoke. Therefore, the 60% for inpatient surgical visits for Hoke County residents currently seeking care with Moore County physicians is overstated as are the shifts in volume from Cumberland, Scotland and Robeson.

⁶ <http://www.vfdental.com/index.html>

FirstHealth has not justified a need to expand the approved FirstHealth Hoke from 1 to 2 shared operating rooms.

5. Declining Operating Room Utilization at FirstHealth Moore - Operating Room Surplus

The following table shows a multi-year operating room surplus at FirstHealth Moore, which results from declining surgical volume. Please note that the data in the following table includes all surgical cases reported by FirstHealth Moore in its open-heart and shared operating rooms, which is consistent with the way in which data is reported by FirstHealth on page 79 of the FirstHealth OR Application.

**FirstHealth Moore
Surgical Utilization – All Cases
October 2008 – September 2011**

FY	2009	2010	2011
Inpatient Cases	6,057	6,360	5,738
Annual % Change		5.0%	-9.8%
Outpatient Cases	4,270	4,183	4,394
Annual % Change		-2.0%	5.0%
Total Cases	10,327	10,543	10,132
Annual % Change		2.1%	-3.9%
Weighted Cases	24,576	25,355	23,805
Total Licensed and Approved Operating Rooms	18	18	18
Operating Rooms Needed at 1,872 Hrs/Year/Room	13.1	13.5	12.7
Surplus	4.9	4.5	5.3

Source: 2010-2012 LRA

The operating room surplus at FirstHealth Moore has been growing during the years that FirstHealth has been submitting CON applications for the development -- and now expansion of -- FirstHealth Hoke. FirstHealth does not acknowledge that inpatient surgical volume at FirstHealth Moore declined nearly 10% between FYs 2010 and 2011, as shown in the previous table.

It is unreasonable and unfounded for FirstHealth to project a shift of surgical volume when it has 5 surplus operating rooms.

6. FirstHealth Overstates Projected Surgical Growth

The following table shows projected surgical cases at FirstHealth Moore and FirstHealth Hoke, from FY 2011 through FY 2017.

**FirstHealth Moore & FirstHealth Hoke
Surgical Case Projected Growth
October 1, 2010 – September 30, 2017**

FY	2011	2017	Projected Growth
Total IP Surgical Cases	5,918	6,000	1.4%
Total OP Surgical Cases	4,931	5,154	4.5%
Total Surgical Cases	10,849	11,154	2.8%

Source: CON Application N-8843-12, page 79

It is unreasonable for FirstHealth to project an increase in surgical case volume when FirstHealth Moore experienced a significant decline in its volume in FY 2011.

7. Operating Room Surplus at Surgery Center of Pinehurst

In the Agency Findings on Project I.D. #N-8393-09, dated February 4, 2010, the CON Section stated:

FirstHealth of the Carolinas, Inc. (“FirstHealth”) is the parent company and 100% owner of Surgery Center of Pinehurst, LLC (“Surgery Center of Pinehurst”).

It further stated:

FirstHealth is the parent company and 100% owner of Surgery Center of Pinehurst, which is the sole member of Surgery Center of Hoke. FirstHealth has recently been approved to construct a satellite hospital in Raeford, Hoke County, with 8 acute care beds and one operating room (Project Number N-8354-09).

FirstHealth did not disclose that Surgery Center of Pinehurst is a related entity of FirstHealth in Moore County. FirstHealth also did not disclose that the Surgery Center of Pinehurst has an operating room surplus, as shown in the following table.

**Surgery Center of Pinehurst Surgical Utilization
October 2008 – September 2011**

FY	2009	2010	2011
Outpatient Cases	4,803	4,874	5,025
Weighted Cases	7,205	7,311	7,538
Licensed Operating Rooms	6	6	6
Operating Rooms Needed at 1,872 Hrs/Year/Room	3.8	3.9	4.0
Surplus	2.2	2.1	2.0

Source: 2010-2012 LRA

The two-operating room surplus has been present throughout the years that FirstHealth has been submitting CON applications for the development -- and now expansion of --FirstHealth Hoke.

8. Projected Underutilized Surgical Operating Room Inventory at FirstHealth Moore and FirstHealth Hoke

The following table summarizes the surgical operating room projections on page 79 of the FirstHealth OR Application.

**FirstHealth Moore & FirstHealth Hoke
Projected Surgical Operating Room Need
October 1, 2014 – September 30, 2017**

	PY 1: 10/14-9/15	PY 2: 10/15-9/16	PY 3: 10/16-9/17
Inpatient Cases	5,918	5,960	6,000
Hours at 3 Hours/ Case	17,754	17,880	18,000
Ambulatory Cases	5,162	5,393	5,624
Hours at 1.5 Hours/ Case	7,743	8,090	8,436
Total Cases	11,080	11,353	11,624
Total Estimated Hours	25,497	25,970	26,436
Total ORs Needed at 1,872 Hours/Year	13.6	13.9	14.1
OR Inventory	18	18	18
Surplus	4.4	4.1	3.9

Source: CON Application Project I.D. #N-8843-12

The previous table combines projected surgical volume for FirstHealth Hoke and FirstHealth Moore to show that FirstHealth’s proposed relocation of one shared surgical operating room to FirstHealth Hoke results in projected underutilized operating room inventory. Projected operating room utilization results in 4 excess operation rooms at FirstHealth Moore and FirstHealth Hoke.

The proposed relocation of one shared surgical operating room to FirstHealth Hoke does nothing more than shift the underutilized operating room inventory at FirstHealth Moore-Hoke service area surgical facilities among the existing hospital, the existing freestanding surgery center, and the proposed FirstHealth Hoke.

9. FirstHealth Hoke’s Proposed 4-County Service Area is Over-inclusive and Overstates the Population to Be Served

In Project I.D. #N-8497-10, the CON Section approved FirstHealth Hoke’s defined 1-county service area: Hoke County only.

In the FirstHealth Hoke OR Application, FirstHealth’s methodology projects surgical cases from a 4-county service area during the first three years of operation of FirstHealth Hoke.

FirstHealth includes Cumberland County in the service area which results in significantly overstating the population to be served by the proposed project. On page 72 of the Application, FirstHealth identifies Cumberland, Hoke, Robeson and Scotland Counties as the proposed service area and states “that many residents from these counties who would travel to FirstHealth Moore for inpatient and emergency services will instead seek services at FirstHealth Hoke.” Cumberland County has one of the largest and most successful outpatient surgical facilities in North Carolina. Cumberland and Robeson counties have successful tertiary care hospitals, and the third, Scotland, has a very successful community hospital all with successful inpatient and outpatient programs. It is more reasonable to assume that any patient from one of these counties, who leaves his own communities seeking inpatient or outpatient surgery at FirstHealth Moore, is seeking tertiary level services, or seeking care from a specific surgeon at FirstHealth Moore. As a result it is unlikely that such a patient would utilize FirstHealth Hoke.

FirstHealth also ignored the development of the CFV-Hoke Community Medical Center which will be located in Hoke County, between FirstHealth Hoke Hospital and the Cumberland County line. FirstHealth provides no documentation or even a discussion regarding why residents from Cumberland County would drive past Hoke Community Medical Center, which will be owned and operated by Cape Fear Valley Medical Center, to seek surgical services care at FirstHealth Hoke Hospital.

Therefore, it is doubtful that FirstHealth's statement on page 72 is reasonable and it is more likely to assume that patients from Cumberland, Robeson and Scotland Counties seeking surgical services at FirstHealth Moore come for tertiary services, which will not be provided at FirstHealth Hoke. Therefore, including the three additional counties in the FirstHealth Hoke Service Area overstates the population to be served and thereby the need resulting from this population base.

Lastly, documentation provided by FirstHealth does not substantiate physician support and "admission commitments" from Cumberland, Robeson, and Scotland counties.

Therefore, FirstHealth has overstated surgical utilization and as a result financial proformas are overstated. Therefore, FirstHealth projections and proformas are unreliable and the application is non-conforming to Criterion (3).

For all of the above reasons, the FirstHealth OR Application does not conform to CON Review Criterion (3), and should be denied.

G.S. 131E-183 (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.

As discussed in the context of CON Review Criterion (3) above, FirstHealth does not adequately demonstrate a need to expand FirstHealth Hoke through development of a second shared operating room at FirstHealth Hoke. When an applicant does not demonstrate need for its project(s), it has not demonstrated that it proposed the least costly or most effective alternative.

Instead of proposing a new hospital in Hoke County with an adequate number of operating rooms, consistent with a community hospital – as Cape Fear Valley Health System did from the outset -- when such a community hospital was needed -- FirstHealth proposed an emergency room with an adjacent 8 acute care beds and one operating room. Three years later, FirstHealth proposes to expand its approved emergency room with 8 acute care beds – after CFV-Hoke Community Medical Center 41-bed, 2-operating room, community hospital has been approved and is under development. Cape Fear Valley Health System made a full commitment to meet the needs of the residents of Hoke County with the most effective alternative. It is too little and too late for FirstHealth.

For all the reasons set forth above, the FirstHealth Acute Care Bed and FirstHealth OR Applications are non-conforming to CON Review Criterion (4).

G.S. 131E-183 (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.

As discussed in the context of CON Review Criterion (3) above, FirstHealth does not adequately demonstrate a need to expand FirstHealth Hoke through development of 28 additional beds. Therefore, the Proforma financial statements are overstated and based upon unreasonable assumptions.

FirstHealth financial Proformas are internally inconsistent. The following table illustrates significant differences between the expense projections included in the FirstHealth Hoke Proforma Form B and the expense projections included in Proforma Forms C, D, and E. With the discrepancies identified below, the financial are irreconcilable and unreasonable.

FirstHealth Hoke Direct and Indirect Expenses Proformas - Project Years 1 - 3

	Project Year 1	Project Year 2	Project Year 3
Combined Inpt and Outpt - Forms C,D,E	\$ 8,852,923	\$ 9,763,316	\$ 10,323,190
Total Form B	\$14,531,670	\$16,390,685	\$ 17,130,692
Difference	\$5,678,747	\$ 6,627,369	\$ 6,807,502

Source: FirstHealth OR Relocation Proformas, CON Application Project I.D. #N-8843-12

FirstHealth provided no explanation of, or assumptions for, its Proforma financial statements. Therefore, there is no way to reconcile the financials in Form B and the financials in Forms C, D, and E.

FirstHealth fails to provide projections for any expenses associated with ancillary and support services, except outpatient surgery and outpatient radiology. No inpatient imaging volume is projected, no laboratory services volume is projected, no therapy services are projected, and no costs associated with other areas in the Proformas. FirstHealth also did not provide any financial assumptions for any ancillary services and did not include any indirect expenses for ancillary or support services.

In the Emergency Department Financial Proformas on pages 76-183, salaries are incorrect and do not reflect the staffing project for the emergency room and the cost of medical supplies is significantly deflated from the CON application for Project I.D. #N-8497-10 (page190). That is unusual as costs typically increase from year to year. FirstHealth has provided no assumptions regarding why these costs are significantly lower in 2012. Therefore, FirstHealth has not demonstrated that these are reasonable costs.

FirstHealth has failed to document the immediate and long-term financial feasibility of the proposal, based upon reasonable projections of the costs of and charges for providing health services and therefore, is non-conforming to CON Review Criterion (5).

G.S. 131E-183 (6)

The applicant shall demonstrate that the proposed project will not result in unnecessary duplication of existing or approved health service capabilities or facilities.

As discussed in the context of CON Review Criterion (3) above, FirstHealth does not adequately demonstrate a need to develop a second shared operating room at FirstHealth Hoke. The proposed OR expansion will result in an unnecessary duplication of approved health services capabilities and facilities in Hoke County. Consequently, the FirstHealth Hoke Acute Care Bed and FirstHealth OR Applications are nonconforming to CON Review Criterion (6).

As discussed in the context of CON Review Criterion (3), projected surgical volume for FirstHealth Hoke is overstated and is based upon the addition of 28 new acute care beds at FirstHealth Hoke that are not included in this applications. Furthermore, combined projected utilization for FirstHealth Hoke and FirstHealth Moore reveals **4 surplus** operating rooms at FirstHealth Moore and FirstHealth Hoke, which are in the Moore-Hoke Service Area.

The proposed relocation of one shared surgical operating room to FirstHealth Hoke does nothing more than shift the underutilized operating room inventory at FirstHealth Moore-Hoke service area surgical facilities among the existing hospital, the existing freestanding surgery center, and the proposed FirstHealth Hoke.

G.S. 131E-183 (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.

As discussed in the context of CON Review Criterion (3) above, FirstHealth does not adequately demonstrate a need to develop 28 additional beds and a second shared operating room at FirstHealth Hoke.

As discussed in the context of CON Review Criterion (4), FirstHealth's choice to expand its acute care bed inventory in Hoke County demonstrates that it has not proposed the least costly or most effective alternative.

As discussed in detail in the context of CON Review Criterion (5), FirstHealth Hoke's expansion is not financially feasible.

As discussed in the context of CON Review Criterion (6), the proposed expansion of FirstHealth Hoke will result in an unnecessary duplication of approved health services capabilities and facilities in Hoke County.

CON Applications that do not conform to CON Review Criteria (3), (4), (5), and (6) cannot demonstrate the expected effects of the proposed services on competition in proposed service area will have a positive impact upon the cost effectiveness, quality, and access to the services proposed as required by CON Review Criterion (18a).

IV. CON Criteria and Standards

Criteria and Standards for Surgical Services and Operating Rooms – 10A NCAC 14C .2100

FirstHealth proposes to increase the approved operating room inventory at FirstHealth Hoke from 1 to 2 shared operating rooms by relocating another licensed operating room from FirstHealth Moore. As discussed in the context of CON Review Criterion (3), the need methodology used by FirstHealth relies on unreasonable assumptions and results in overstated surgical volume.

In addition, as discussed in the context of CON Review Criterion (3), FirstHealth Hoke cannot support two shared operating rooms in Project Year 3 (FY 2017) at 1,872 hours/year, as required by 10A NCAC 14C .2103(b)(2)(A).

Lastly, as discussed in the context of CON Review Criterion (3), Dr. Neil Griffin is identified on page 57 of the FirstHealth OR Application as having committed to performing 739 annual outpatient surgical cases at FirstHealth Hoke – the largest commitment of all physicians listed on page 57. It is important to note that there is **no ophthalmic surgical procedure listed in the Projected Top 20 Surgical Procedures** to be performed at FirstHealth Hoke in FY 2015 (Project Year 1) on page 42 in response to 10A NCAC 14C .2102(c)(8).

V. Conclusion

FirstHealth has failed to project the need for additional operating rooms in Hoke County or at FirstHealth Hoke. Therefore, FirstHealth's Relocation of An Operating Room from Moore to Hoke County is non-conforming to the required criteria and should be denied.

ATTACHMENT 1

STATE HEALTH COORDINATING COUNCIL

2012

STATE
MEDICAL
FACILITIES
PLAN



Chapter 5:

Acute Care Hospital Beds

CHAPTER 5

ACUTE CARE HOSPITAL BEDS

Summary of Bed Supply and Utilization

As of fall 2011, there are 114 licensed acute care hospitals and 20,757 licensed acute care beds in North Carolina. Data provided by Thomson Reuters indicated that 4,417,043 days of care were provided to patients in those hospitals during 2010, which represents an average annual occupancy rate of 58.30 percent. These numbers exclude beds in service for substance abuse, psychiatry, rehabilitation, hospice, and long-term care. In addition, across the state acute care bed capacity is expected to increase in certain markets by 702 pending beds and to decrease in other markets by 149 beds, for a net increase of 553 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

No substantive changes to the Acute Care Bed Need methodology have been incorporated into the North Carolina 2012 State Medical Facilities Plan. The inventory has been updated and references to dates have been advanced by one year as appropriate.

Basic Principles

A. Acute Care Hospital Goals

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

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

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

4. **To encourage the substitution of less expensive for more expensive services whenever feasible and appropriate.** The state supports continued and expanded use of programs which have demonstrated their capacity to reduce both the number and length of hospital admissions, including:
 - a. Development of health care delivery networks;
 - b. Increased use of ambulatory surgery;
 - c. Outpatient diagnostic studies;
 - d. Preadmission testing;
 - e. Preadmission certification;
 - f. Programs to reduce admission and readmission rates;
 - g. Timely scheduling of admissions;
 - h. Effective utilization review;
 - i. Discharge planning;
 - j. Appropriate use of alternative services such as home health services, hospice, adult care homes, nursing homes; and
 - k. Initiating new, or maximizing existing, preventive health services.
5. **To assure that substantial capital expenditures for the construction or renovation of health care facilities are based on demonstrated need.**
6. **To assure that applicants proposing to expand or replace acute care beds should provide careful analysis of what they have done to promote cost-effective alternatives to inpatient care and to reduce average length of stay.**

B. Use of Swing Beds

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

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

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

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

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

Sources of Data

Inventory of Acute Care Beds:

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

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

The data source for annual days of care used in the methodology is Thomson Reuters, a collector of hospital patient discharge information. The general acute care days of care by facility and data on patients' county of residence were provided by the Sheps Center based on the Thomson Reuters data. *(Note: The determination of whether a patient record was categorized as an "acute care/general discharge" was determined by the revenue code(s) for accommodation type, as submitted to Thomson Reuters by facilities on the UB-92 form. Included in Column F, "Thomson Reuters 2010 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 2010. *(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 2014 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 2010 – YR 2009) / YR 2009; etc.)*

(Column G)

- d. For each county, total the annual percentages of change and divide by four to determine the average annual historical percentage change for each county. For positive annual percentages of change, add 1 and this becomes the County Growth Rate Multiplier. For negative annual percentages of change, subtract 1. If the County Growth Rate Multiplier is negative, Thomson Reuters 2010 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 2014 at each hospital.

Step 5 (Column I)

Calculate the projected midnight average daily census for each hospital in Federal Fiscal Year 2014 by dividing the projected number of acute inpatient days of care provided at the hospital (from Column H) by 365 days.

Step 6 (Column J)

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

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

Step 7 (Column K)

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

Step 8 (Column L)

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

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

Qualified Applicants

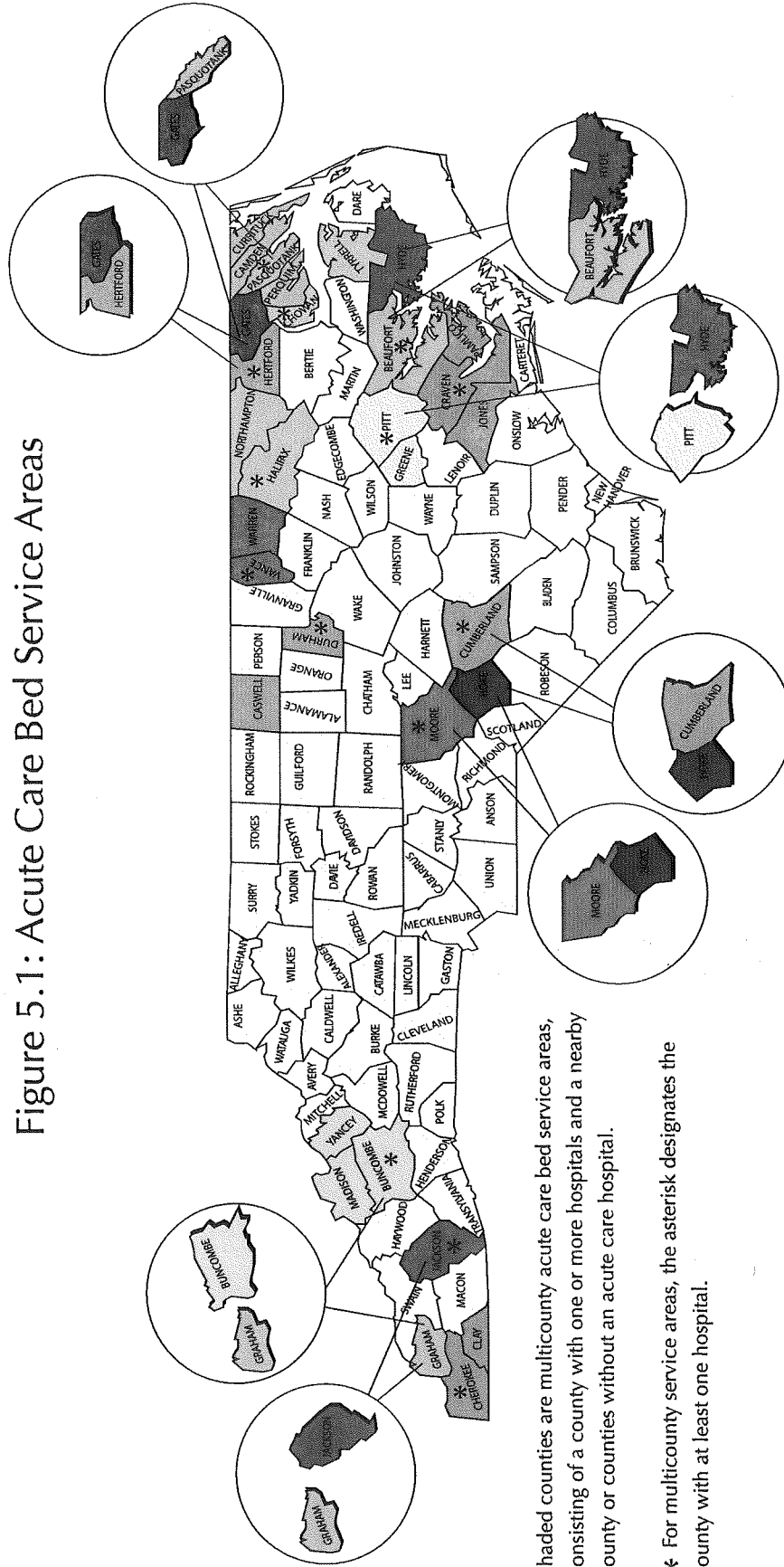
Any qualified applicant may apply for a certificate of need to acquire the needed acute care beds. A person is a qualified applicant if he or she proposes to operate the additional acute care beds in a hospital that will provide:

1. a 24-hour emergency services department,
2. inpatient medical services to both surgical and non-surgical patients, and
3. if proposing a new licensed hospital, medical and surgical services on a daily basis within at least five of the major diagnostic categories as recognized by the Centers for Medicare and Medicaid Services (CMS) as follows:

- MDC 1: Diseases and disorders of the nervous system
- 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 or counties without an acute care hospital.

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

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

Table 5A: Acute Care Bed Need Projections

2010 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research
 Target Occupancy Rates: ADC 1-99: 66.7%, ADC 100-200: 71.4%, ADC > 200 and <=400: 75.2%, ADC>400: 78%
 Target Occupancy Factors: ADC 1-99: 1.50, ADC 100-200: 1.40, ADC > 200 and <=400: 1.33, ADC >400: 1.28

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	Thomson Reuters 2010 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2010 Days, if negative growth)	2014 Projected Average Daily Census (ADC)	2014 Beds Adjusted for Target Occupancy	Projected 2014 Deficit or Surplus (surplus shows as a "-")	2014 Need Determination
Alamance	H0272	Alamance Regional Medical Center	182	0	44,987	1.0258	49,806	136	191	9	0
Alamance Total			182	0							0
Alexander	H0274	Alexander Hospital	25	0	0		0	0	0	-25	0
Alexander Total			25	0							0
Alleghany	H0108	Alleghany Memorial Hospital	41	0	2,503	-1.0012	2,503	7	10	-31	0
Alleghany Total			41	0							0
Anson	H0082	Anson Community Hospital	52	0	3,330	-1.1318	3,330	9	14	-38	0
Anson Total			52	0							0
Ashe	H0099	Ashe Memorial Hospital, Inc.	76	0	4,813	-1.0332	4,813	13	20	-56	0
Ashe Total			76	0							0
Avery	H0037	Charles A. Cannon, Jr. Memorial Hospital	30	0	5,531	-1.0374	5,531	15	23	-7	0
Avery Total			30	0							0
Beaufort	H0188	Beaufort County Medical Center*	120	0	9,086	-1.0494	9,086	25	37	-83	0
Beaufort	H0002	Pungo District Hospital Corporation	39	0	2,004	-1.0494	2,004	5	8	-31	0
Beaufort/Hyde Total			159	0							0
Bertie		2011 Acute Care Bed Need Determination	0	3	0	1.0134	0	0	0	-3	0
Bertie	H0268	Bertie Memorial Hospital	6	0	1,540	1.0134	1,624	4	7	1	0
Bertie Total			6	3							0
Bladen	H0154	Cape Fear Valley-Bladen County Hospital	48	0	3,219	-1.0745	3,219	9	13	-35	0
Bladen Total			48	0							0
Brunswick	H0250	Brunswick Community Hospital	74	0	11,103	-1.0300	11,103	30	46	-28	0
Brunswick	H0150	J. Arthur Doshier Memorial Hospital	36	0	3,720	-1.0300	3,720	10	15	-21	0
Brunswick Total			110	0							0
Buncombe	H0036	Memorial Mission Hospital	673	60	184,366	1.0114	192,936	529	677	-56	0
Buncombe/Graham/Madison/Yancey Total			673	60							0
Burke	H0062	Grace Hospital, Inc.	162	0	16,505	-1.0680	16,505	45	68	-94	0
Burke	H0091	Valdese General Hospital, Inc.	131	0	8,283	-1.0680	8,283	23	34	-97	0

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2006, 2007, 2008, 2009, 2010 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2010 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research
 Target Occupancy Rates: ADC 1-99: 66.7%, ADC 100-200: 71.4%, ADC > 200 and <=400: 75.2%, ADC >400: 78%
 Target Occupancy Factors: ADC 1-99: 1.50, ADC 100-200: 1.40, ADC > 200 and <=400: 1.33, ADC >400: 1.28

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	Thomson Reuters 2010 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2010 Days, if negative growth)	2014 Projected Average Daily Census (ADC)	2014 Beds Adjusted for Target Occupancy	Projected 2014 Deficit or Surplus (surplus shows as a "-")	2014 Need Determination
Burke Total			293	0							0
Cabarrus	H0031	Carolinas Medical Center-NorthEast	447	0	98,029	1.0154	104,222	286	380	-67	
Cabarrus Total			447	0							0
Caldwell	H0061	Caldwell Memorial Hospital, Inc.	110	0	18,154	1.0355	20,869	57	86	-24	
Caldwell Total			110	0							0
Carteret	H0222	Carteret General Hospital	135	0	24,768	-1.0490	24,768	68	102	-33	
Carteret Total			135	0							0
Catawba	H0223	Catawba Valley Medical Center	200	0	34,269	-1.0213	34,269	94	141	-59	
Catawba	H0053	Frye Regional Medical Center	209	0	43,553	-1.0213	43,553	119	167	-42	
Catawba Total			409	0							0
Chatham	H0007	Chatham Hospital, Inc.	25	0	2,463	-1.0032	2,463	7	10	-15	
Chatham Total			25	0							0
Cherokee	H0239	Murphy Medical Center, Inc.	57	0	9,360	1.0299	10,532	29	43	-14	
Cherokee/Clay Total			57	0							0
Chowan	H0063	Chowan Hospital	49	0	6,643	-1.0110	6,643	18	27	-22	
Chowan/Tyrell Total			49	0							0
Cleveland	H0024	Cleveland Regional Medical Center	241	0	34,882	-1.0517	34,882	96	143	-98	
Cleveland	H0113	Kings Mountain Hospital	72	0	6,757	-1.0517	6,757	19	28	-44	
Cleveland Total			313	0							0
Columbus	H0045	Columbus Regional Healthcare System	154	0	22,683	-1.0212	22,683	62	93	-61	
Columbus Total			154	0							0
Craven	H0201	CarolinaEast Medical Center	307	0	61,379	-1.0491	61,379	168	235	-72	
Craven/Jones/Pamlico Total			307	0							0
Cumberland/Hoke		2011 Acute Care Bed Need Determination	0	65	0	1.0360	0	0	0	-65	
Cumberland	H0213	Cape Fear Valley Medical Center	490	41	154,432	1.0360	177,885	487	624	93	
Cumberland/Hoke Total			490	106							28
Dare	H0273	The Outer Banks Hospital, Inc.	21	0	3,117	-1.0508	3,117	9	13	-8	
Dare Total			21	0							0

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2006, 2007, 2008, 2009, 2010 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2010 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research
 Target Occupancy Rates: ADC 1-99: 66.7%, ADC 100-200: 71.4%, ADC > 200 and <=400: 75.2%, ADC>400: 78%
 Target Occupancy Factors: ADC 1-99: 1.50, ADC 100-200: 1.40, ADC > 200 and <=400: 1.33, ADC >400: 1.28

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	Thomson Reuters 2010 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using Growth Rate (= 2010 Days, if negative growth)	2014 Projected Average Daily Census (ADC)	2014 Beds Adjusted for Target Occupancy	Projected 2014 Deficit or Surplus (surplus shows as a "-")	2014 Need Determination
Davidson	H0027	Lexington Memorial Hospital	94	0	10,465	-1.0750	10,465	29	43	-51	
Davidson	H0112	Thomasville Medical Center	113	0	9,334	-1.0750	9,334	26	38	-75	
Davidson Total			207	0					3	-47	0
Davie	H0171	Davie County Hospital	81	-31	636	-1.1689	636	2	3	-47	
Davie Total			81	-31							0
Duplin	H0166	Duplin General Hospital, Inc.	56	0	7,215	-1.0638	7,215	20	30	-26	
Duplin Total			56	0							0
Durham	H0015	Duke University Hospital	924	0	247,895	1.0106	258,616	709	907	-17	
Durham	H0233	Durham Regional Hospital	316	0	63,287	1.0106	66,024	181	253	-63	
		Duke/Durham Regional Hospital Total	1,240	0	311,182		324,640	889	1,160	-80	
Durham	H0075	North Carolina Specialty Hospital	18	0	3,738	1.0106	3,900	11	16	-2	
Durham/Caswell Total			1,258	0					65	-36	0
Edgecombe	H0258	Heritage Hospital	101	0	14,204	1.0282	15,878	44	65	-36	
Edgecombe Total			101	0							0
Forsyth	H0209	Forsyth Memorial Hospital	823	10	204,463	1.0039	207,672	569	728	-105	
Forsyth	H0229	Medical Park Hospital, Inc.	22	-10	3,128	1.0039	3,177	9	13	1	
		Forsyth/Medical Park Hospital Total	845	0	207,591		210,849	578	741	-104	
Forsyth	H0011	North Carolina Baptist Hospital	802	0	213,548	1.0039	216,900	594	761	-41	
Forsyth Total			1,647	0					20	-50	0
Franklin	H0261	Franklin Regional Medical Center	70	0	4,791	-1.2059	4,791	13	20	-50	
Franklin Total			70	0							0
Gaston	H0105	Gaston Memorial Hospital	372	0	80,053	-1.0350	80,053	219	292	-80	
Gaston Total			372	0							0
Granville	H0098	Granville Health System	62	0	8,904	1.0607	11,272	31	46	-16	
Granville Total			62	0					46	-16	0
Guilford	H0052	High Point Regional Health System	291	16	65,605	-1.0009	65,605	180	252	-55	
Guilford	H0159	Moses Cone Health System	777	0	196,928	-1.0009	196,928	540	691	-86	

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2006, 2007, 2008, 2009, 2010 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2010 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research
 Target Occupancy Rates: ADC 1-99: 66.7%, ADC 100-200: 71.4%, ADC > 200 and ≤400: 75.2%, ADC>400: 78%
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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	Thomson Reuters 2010 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2010 Days, if negative growth)	2014 Projected Average Daily Census (ADC)	2014 Beds Adjusted for Target Occupancy	Projected 2014 Deficit or Surplus (surplus shows as a "+")	2014 Need Determination
Guilford Total			1,068	16							0
Halifax	H0230	Halifax Regional Medical Center, Inc.	184	0	30,116	-1.0136	30,116	83	124	-60	
Halifax	H0004	Our Community Hospital, Inc.	20	0	75	-1.0136	75	0	0	-20	
Halifax/Northampton Total			204	0							0
Harnett	H0224	Betsy Johnson Regional Hospital	101	0	24,027	-1.0360	24,027	66	99	-2	
Harnett		Harnett Health System Central Campus	0	50	0	-1.0360	0	0	0	-50	
Harnett		Betsy Johnson/Harnett Health System Total	101	50	24,027		24,027	66	99	-52	
Harnett		Good Hope Hospital (closed eff. 4/11/06)	0	34	0	-1.0360	0	0	0	-34	
Harnett Total			101	84							0
Haywood	H0025	Haywood Regional Medical Center	153	0	16,171	-1.0391	16,171	44	66	-87	
Haywood Total			153	0							0
Henderson	H0161	Margaret R. Pardee Memorial Hospital*	201	0	22,974	-1.0393	22,974	63	94	-107	
Henderson	H0019	Park Ridge Health	62	0	11,442	-1.0393	11,442	31	47	-15	
Henderson Total			263	0							0
Hertford	H0001	Roanoke-Chowan Hospital	86	0	13,849	-1.0344	13,849	38	57	-29	
Hertford/Gates Total			86	0							0
Iredell	H0248	Davis Regional Medical Center	102	0	15,026	-1.0294	15,026	41	62	-40	
Iredell	H0259	Lake Norman Regional Medical Center	123	0	24,304	-1.0294	24,304	67	100	-23	
Iredell		Davis Regional/Lake Norman Regional Medical Center Total	225	0	39,330		39,330	108	162	-63	
Iredell	H0164	Iredell Memorial Hospital, Inc.	199	0	39,465	-1.0294	39,465	108	151	-48	
Iredell Total			424	0							0
Jackson	H0087	Harris Regional Hospital	86	0	13,932	-1.0541	13,932	38	57	-29	
Jackson/Graham Total			86	0							0
Johnston	H0151	Johnston Memorial Hospital	179	0	36,135	-1.0120	36,135	99	148	-31	
Johnston Total			179	0							0
Lee	H0243	Central Carolina Hospital	127	0	22,747	1.0410	26,717	73	110	-17	
Lee Total			127	0							0

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2006, 2007, 2008, 2009, 2010 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2010 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research
 Target Occupancy Rates: ADC 1-99: 66.7%, ADC 100-200: 71.4%, ADC > 200 and <=400: 75.2%, ADC>400: 78%
 Target Occupancy Factors: ADC 1-99: 1.50, ADC 100-200: 1.40, ADC > 200 and <=400: 1.33, ADC >400: 1.28

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	Thomson Reuters 2010 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using Growth Rate (= 2010 Days, if negative growth)	2014 Projected Average Daily Census (ADC)	2014 Beds Adjusted for Target Occupancy	Projected 2014 Deficit or Surplus (surplus shows as a "-")	2014 Need Determination
Lenoir	H0043	Lenoir Memorial Hospital, Inc.*	218	0	43,475	-1.0089	43,475	119	167	-51	0
Lenoir Total			218	0							0
Lincoln	H0225	Carolinas Medical Center-Lincoln	101	0	13,641	-1.0176	13,641	37	56	-45	0
Lincoln Total			101	0							0
Macon	H0034	Angel Medical Center, Inc.	59	0	4,829	-1.0059	4,829	13	20	-39	0
Macon	H0193	Highlands-Cashiers Hospital, Inc.	24	0	803	-1.0059	803	2	3	-21	0
Macon Total			83	0							0
Martin	H0078	Martin General Hospital*	49	0	6,986	-1.0093	6,986	19	29	-20	0
Martin Total			49	0							0
McDowell	H0097	The McDowell Hospital, Inc.	65	0	5,514	-1.0695	5,514	15	23	-42	0
McDowell Total			65	0							0
Mecklenburg		2011 Acute Care Bed Need Determination	0	107	0	1.0199	0	0	0	-107	0
Mecklenburg	H0042	Carolinas Medical Center Mercy-Pineville	294	36	63,239	1.0199	68,431	187	262	-68	0
Mecklenburg	H0071	Carolinas Medical Center/Center for Mt Hlth	795	0	244,908	1.0199	265,017	726	929	134	0
Mecklenburg	H0255	Carolinas Medical Center-University	130	-36	20,663	1.0199	22,360	61	92	-2	0
		Carolinas Medical Center Total	1,219	0	328,810		355,808	975	1283	64	0
Mecklenburg	H0010	Presbyterian Hospital	539	0	152,515	1.0199	165,038	452	579	40	0
Mecklenburg	H0282	Presbyterian Hospital Huntersville	60	15	19,610	1.0199	21,220	58	87	12	0
Mecklenburg	H0270	Presbyterian Hospital Matthews	114	20	32,909	1.0199	35,611	98	146	12	0
Mecklenburg		Presbyterian Hospital Mint Hill	0	50	0	1.0199	0	0	0	-50	0
Mecklenburg	H0251	Presbyterian Orthopaedic Hospital	64	-50	11,905	1.0199	12,882	35	53	39	0
		Presbyterian Hospital Total	777	35	216,939		234,751	643	865	53	0
Mecklenburg Total			1,996	142							0**
Mitchell	H0169	Blue Ridge Regional Hospital, Inc.	46	0	6,831	1.0263	7,579	21	31	-15	0
Mitchell Total			46	0							0
Montgomery	H0003	FirstHealth Montgomery Memorial Hospital	37	0	875	-1.1643	875	2	4	-33	0
Montgomery Total			37	0							0

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2006, 2007, 2008, 2009, 2010 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2010 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research
 Target Occupancy Rates: ADC 1-99: 66.7%, ADC 100-200: 71.4%, ADC > 200 and <=400: 75.2%, ADC>400: 78%
 Target Occupancy Factors: ADC 1-99: 1.50, ADC 100-200: 1.40, ADC > 200 and <=400: 1.33, ADC >400: 1.28

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	Thomson Reuters 2010 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using Growth Rate (= 2010 Days, if negative growth)	2014 Projected Average Daily Census (ADC)	2014 Beds Adjusted for Target Occupancy	Projected 2014 Deficit or Surplus (surplus shows as a "-")	2014 Need Determination
Moore	H0100	FirstHealth Moore Regional Hospital	320	0	81,288	1.0253	89,846	246	327	7	0
Moore/Hoke Total			320	0							0
Nash	H0228	Nash General Hospital	270	-8	48,716	-1.0421	48,716	133	187	-75	0
Nash Total			270	-8							0
New Hanover	H0221	New Hanover Regional Medical Center	647	0	145,723	-1.0098	145,723	399	531	-116	0
New Hanover Total			647	0							0
Onslow	H0048	Onslow Memorial Hospital, Inc.	162	0	32,323	-1.0068	32,323	89	133	-29	0
Onslow Total			162	0							0
Orange	H0157	University of North Carolina Hospitals	698	31	194,412	1.0261	215,549	591	756	27	27
Orange Total			698	31							27
Pasquotank	H0054	Albemarle Hospital	182	0	22,619	-1.0862	22,619	62	93	-89	0
Pasquotank/Camden/Currituck/Gates/Perquimans Total			182	0							0
Pender	H0115	Pender Memorial Hospital, Inc.	43	0	2,294	-1.1440	2,294	6	9	-34	0
Pender Total			43	0							0
Person	H0066	Person Memorial Hospital	50	0	6,381	-1.0461	6,381	17	26	-24	0
Person Total			50	0							0
Pitt/Greene/Hyde		2011 Acute Care Bed Need Determination	0	48	0	1.0354	0	0	0	-48	0
Pitt	H0104	Pitt County Memorial Hospital, Inc.	734	0	218,049	1.0354	250,566	686	879	145	65***
Pitt/Greene/Hyde Total			734	48							65***
Polk	H0079	St. Luke's Hospital	45	0	3,262	-1.0028	3,262	9	13	-32	0
Polk Total			45	0							0
Randolph	H0013	Randolph Hospital, Inc.	145	0	26,066	1.0263	28,923	79	119	-26	0
Randolph Total			145	0							0
Richmond	H0158	FirstHealth Richmond Memorial Hospital	99	0	9,475	-1.0638	9,475	26	39	-60	0
Richmond	H0265	Sandhills Regional Medical Center	54	6	11,762	-1.0638	11,762	32	48	-12	0
Richmond Total			153	6							0
Robeson	H0064	Southeastern Regional Medical Center	292	0	54,373	-1.0334	54,373	149	209	-83	0
Robeson Total			292	0							0

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2006, 2007, 2008, 2009, 2010 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2010 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research
 Target Occupancy Rates: ADC 1-99: 66.7%, ADC 100-200: 71.4%, ADC > 200 and <=400: 75.2%, ADC>400: 78%
 Target Occupancy Factors: ADC 1-99: 1.50, ADC 100-200: 1.40, ADC > 200 and <=400: 1.33, ADC >400: 1.28

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	Thomson Reuters 2010 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using County Growth Rate (= 2010 Days, if negative growth)	2014 Projected Average Daily Census (ADC)	2014 Beds Adjusted for Target Occupancy	Projected 2014 Deficit or Surplus (surplus shows as a "-")	2014 Need Determination
Rockingham	H0023	Annie Penn Hospital	110	0	12,873	-1.0403	12,873	35	53	-57	
Rockingham	H0072	Morehead Memorial Hospital	108	0	21,367	-1.0403	21,367	59	88	-20	
Rockingham Total			218	0							0
Rowan	H0040	Rowan Regional Medical Center	223	0	35,177	-1.0107	35,177	96	145	-78	
Rowan Total			223	0							0
Rutherford	H0039	Rutherford Hospital, Inc.	129	0	18,107	-1.0123	18,107	50	74	-55	
Rutherford Total			129	0							0
Sampson	H0067	Sampson Regional Medical Center, Inc.*	116	0	12,616	-1.0215	12,616	35	52	-64	
Sampson Total			116	0							0
Scotland	H0107	Scotland Memorial Hospital	97	21	21,647	-1.0419	21,647	59	89	-29	
Scotland Total			97	21							0
Stanly	H0008	Stanly Regional Medical Center	97	0	13,764	-1.0491	13,764	38	57	-40	
Stanly Total			97	0							0
Stokes	H0165	Stokes-Reynolds Memorial Hospital, Inc.	53	0	591	-1.2197	591	2	2	-51	
Stokes Total			53	0							0
Surry	H0049	Hugh Chatham Memorial Hospital, Inc.	81	0	16,618	-1.0136	16,618	46	68	-13	
Surry	H0184	Northern Hospital District of Surry County	100	0	14,238	-1.0136	14,238	39	59	-41	
Surry Total			181	0							0
Swain	H0069	Swain County Hospital	48	0	1,504	-1.0526	1,504	4	6	-42	
Swain Total			48	0							0
Transylvania	H0111	Transylvania Regional Hospital*	42	0	6,941	1.0390	8,087	22	33	-9	
Transylvania Total			42	0							0
Union	H0050	Carolinas Medical Center-Union	157	25	35,688	1.0204	38,688	106	148	-34	
Union Total			157	25							0
Vance	H0267	Maria Parham Medical Center	91	0	17,482	-1.0517	17,482	48	72	-19	
Vance/Warren Total			91	0							0
Wake		2011 Acute Care Bed Need Determination	0	101	0	1.0173	0	0	0	-101	

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2006, 2007, 2008, 2009, 2010 were used to generate four-year growth rate.

(ADC= Average Daily Census)

Table 5A: Acute Care Bed Need Projections

2010 Utilization Data from Thomson Reuters compiled by the Cecil B. Sheps Center for Health Services Research
 Target Occupancy Rates: ADC 1-99: 66.7%, ADC 100-200: 71.4%, ADC > 200 and <=400: 75.2%, ADC>400: 78%
 Target Occupancy Factors: ADC 1-99: 1.50, ADC 100-200: 1.40, ADC > 200 and <=400: 1.33, ADC >400: 1.28

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	Thomson Reuters 2010 Acute Care Days	County Growth Rate Multiplier	4 Years Growth Using Growth Rate (= 2010 Days, if negative growth)	2014 Projected Average Daily Census (ADC)	2014 Beds Adjusted for Target Occupancy	Projected 2014 Deficit or Surplus (surplus shows as a "+")	2014 Need Determination
Wake	H0238	Duke Raleigh Hospital	186	0	30,807	1.0173	32,991	90	136	-50	
Wake	H0065	Rex Hospital, Inc.	433	6	103,206	1.0173	110,523	303	403	-36	
Wake	H0199	WakeMed	575	53	167,712	1.0173	179,602	492	630	2	
Wake	H0276	WakeMed Cary Hospital	156	0	44,647	1.0173	47,812	131	183	27	
		WakeMed Total	731	53	212,359		227,415	623	813	29	
Wake Total			1,350	160						0	
Washington	H0006	Washington County Hospital	49	-37	2,559	1.0294	2,873	8	12	0	
Washington Total			49	-37						0	
Watauga	H0160	Blowing Rock Hospital	28	0	0	-1.0333	0	0	0	-28	
Watauga	H0077	Watauga Medical Center, Inc.	117	0	21,194	-1.0333	21,194	58	87	-30	
Watauga Total			145	0						0	
Wayne	H0257	Wayne Memorial Hospital, Inc.	255	0	56,439	-1.0134	56,439	155	216	-39	
Wayne Total			255	0						0	
Wilkes	H0153	Wilkes Regional Medical Center	120	0	14,230	-1.0968	14,230	39	58	-62	
Wilkes Total			120	0						0	
Wilson	H0210	Wilson Medical Center	271	-73	35,450	1.0032	35,902	98	148	-50	
Wilson Total			271	-73						0	
Yadkin	H0155	Yadkin Valley Community Hospital	22	0	804	1.0772	1,082	3	4	-18	
Yadkin Total			22	0						0	
		Grand Total All Hospitals	20,757	553	4,417,043		4,632,666				120

* The difference between Thomson Reuters acute days of care data and the Division of Health Service Regulation Hospital License Renewal Application days of care data cannot be reconciled beyond + - 5% discrepancy between the two data sources. Service area need determinations are not affected.

** The need determination in Mecklenburg County would have been 10 beds, which is not 10 percent of either of the two owners in Mecklenburg County. The Council voted to reduce the need determination to zero for 2012.

*** The State Health Coordinating Council approved an adjusted need determination petition to reduce the need determination from 97 beds to 65 beds in the Pitt/Greene/Hyde service area.

Projections based on four-year average county-specific growth rates, compounded annually over the next four years. Acute Care Days data from 2006, 2007, 2008, 2009, 2010 were used to generate four-year growth rate.
 (ADC= Average Daily Census)

Need Determinations

Application of the Acute Care Bed Need Methodology to 2010 data from Thomson Reuters projected need for 152 additional acute care beds, distributed across three service areas. However, in response to a petition from Pitt County Memorial Hospital, there was an adjustment in the need determination for the Pitt-Greene-Hyde service area from 97 acute care beds down to 65 beds. Therefore, the total number of new acute care beds needed statewide is 120, as shown in Table 5B.

Table 5B: Acute Care Bed Need Determinations

(Scheduled for Certificate of Need Review Commencing in 2012)

Application of the Acute Care Bed Need Methodology, with one adjusted need determination, indicated 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
Cumberland-Hoke	28	June 15, 2012	July 1, 2012
Orange	27	April 16, 2012	May 1, 2012
Pitt-Greene-Hyde	65***	November 15, 2012	December 1, 2012
It is determined that there is no need for additional acute care beds anywhere else in the state and no other reviews are scheduled.			

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

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

*** The projected need for Pitt-Greene-Hyde service area was reduced from 97 to 65 as the result of the approval of an adjusted need determination petition.

Notice: Please be advised that there was one carry-over need determination from the North Carolina 2011 State Medical Facilities Plan which has been reallocated by the Certificate of Need Section for review during calendar year 2012. No certificate of need applications were received by November 15, 2011 in response to the need determination in the North Carolina 2011 State Medical Facilities Plan for three new acute care beds in Bertie County. Therefore, pursuant to "Policy GEN-1: REALLOCATIONS," Subsection 6(b), the need for three additional acute care beds has been reallocated for review in the second Category I review period in 2012 for HSA VI.

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 2010 data from the 2011 Hospital License Renewal Applications, shows long-term care hospital inventory data.

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

License #	Facility Name	County	Licensed LTCH Beds	Adjustments for Certificates of Need and Previous Need
H0279	Asheville Specialty Hospital	Buncombe	34	0
H0278	Carolinas Select Specialty Hospital	Mecklenburg	40	0
H0236	Crawley Memorial Hospital	Cleveland	41	0
H0275	Highsmith-Rainey Memorial Hospital	Cumberland	66	0
H0073	Kindred Hospital-Greensboro	Guilford	101	0
H0242	LifeCare Hospital of North Carolina	Nash	50	0
H0280	Select Specialty Hospital - Durham	Durham	30	0
H0284	Select Specialty Hospital - Greensboro	Guilford	30	0
H0277	Select Specialty Hospital - Winston-Salem	Forsyth	42	0

Chapter 6:

Operating Rooms

CHAPTER 6 OPERATING ROOMS

Summary of Operating Room Inventory and Utilization

In the fall of 2011, the combined inventory of operating rooms in hospitals and ambulatory surgical facilities consisted of 161 dedicated inpatient surgery rooms, including 90 dedicated C-Section rooms, 290 dedicated ambulatory surgery rooms and 874 shared operating rooms. Data from the 2011 Hospital and Ambulatory Surgical Facility License Renewal Applications indicated that of the total reported surgical cases, excluding C-Section cases, 72 percent of the cases were ambulatory cases and 28 percent of the cases were inpatient cases.

Changes from the Previous Plan

No substantive changes to the Operating Room Need Methodology were incorporated into the North Carolina 2012 State Medical Facilities Plan. 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 2012 State Medical Facilities Plan were taken from the “2011 Hospital License Renewal Application” and the “2011 Ambulatory Surgical Facility License Renewal Application” as submitted to the Licensure and Certification Section of the Division of Health Service Regulation. *(Note: While utilization data are reported on the annual license renewal applications for dedicated C-Section rooms, utilization data must be collected separately for the excluded Trauma Center and Burn Intensive Care Unit operating rooms described in Step 4.j. of the “Methodology for Projecting Operating Room Need.” For the North Carolina 2012 State Medical Facilities Plan, one operating room for each Level I and II trauma center and one operating room for each designated burn intensive care unit are excluded in Table 6B. However, additional data on cases referred to excluded operating rooms by Level I or Level II trauma centers and burn intensive care units have not been collected because application of the methodology indicated that the Operating Room Service Areas with a Level I or II trauma center or burn intensive care unit all had surpluses of operating rooms. Excluding cases for service areas with projected surpluses would only increase the size of the projected surplus.)*

Inventory data for the North Carolina 2012 State Medical Facilities Plan were compiled by staff based on License Renewal Applications, supplemented with data from the most recent licenses issued by the Licensure and Certification Section and with project approval letters from the Certificate of Need Section.

Population data by county for 2010 and 2014 were obtained from the North Carolina Office of State Budget and Management.

Methodology for Projecting Operating Room Need

The following narrative describes the assumptions and methodology used in determining the operating room inventory and in projecting need for additional operating room capacity. The

objective of the methodology is to arrive at a reasonable assessment of the adequacy of current resources for performing surgery, compared with an estimate of need for additional capacity.

Step 1 – Delineation of Service Areas (Column A)

Definitions:

Single county operating room service area: A county with at least one licensed facility with one or more operating rooms.

Multicounty operating room service area: A group of counties including:

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

All counties are either single county operating room service areas or are part of a multicounty operating room service area. A multicounty operating room service area may consist of multiple counties with no licensed facility with at least one operating room grouped with either one or two counties, each of which 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)

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 x 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 x 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)

- 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” (2010) and the “target year” for need projections (2014) is calculated based on population figures from the North Carolina Office of State Budget and Management. (*Column I: Growth Factor = 2014 Service Area Population minus 2010 Service Area Population, then divided by the 2010 Service Area Population.*)

For the North Carolina 2012 State Medical Facilities Plan, when determining need for operating rooms, Hoke County’s population growth was assigned as follows:

- Cumberland County was assigned the proportion of Hoke County’s population growth equal to the proportion of Hoke County residents receiving surgical services in Cumberland County (43.58%);
- Moore County was assigned the proportion of Hoke County’s population growth equal to the proportion of Hoke County residents receiving surgical services in Moore County (41.50%).

Combined surgical patient origin data for years 2008 - 2010 from the 2009 - 2011 Hospital and Ambulatory Surgical Facility License Renewal Applications were used to determine the proportion of Hoke County residents receiving services in Cumberland and Moore counties.

The table below shows how the Cumberland-Hoke and the Moore-Hoke multicounty service areas’ growth rates were calculated for the North Carolina 2012 State Medical Facilities Plan.

County	July 2010 Estimated Population	July 2014 Projected Population	Change	Change Rate
Hoke (100%)	47,332	52,125	4,793	10.13%
Cumberland	324,225	339,003	14,778	4.56%
Hoke (43.58%)	47,332 x 43.58% = 20,627	52,125 x 41.50% = 22,715	2,085	10.13%
Cumberland-Hoke Total	344,852	361,718	16,867	4.89%
Moore	88,357	93,901	5,544	6.27%
Hoke (41.50%)	47,332 x 41.50% = 19,645	52,125 x 41.50% = 21,634	1,989	10.13%
Moore-Hoke Total	108,002	115,535	7,533	6.98%

- 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 2014.” ([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: $9 \text{ hours} \times 260 \text{ days} \times 0.8 = 1,872 \text{ hours per operating room per year}$).
- g. Divide the “Projected Surgical Hours Anticipated in 2014” by the “Standard Hours per Operating Room per Year” to determine the projected number of operating rooms required by the year 2014. (Column $J \div \text{Column K} = \text{Column L}$)

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

- h. List the number of operating rooms by type in each operating room service area by summing the following for all licensed hospitals and ambulatory surgery facilities:
 - Number of Inpatient Operating Rooms (Column M)
 - Number of Ambulatory Operating Rooms (Column N)
 - Number of Shared Operating Rooms (Column O)
- i. For each operating room service area, exclude the number of dedicated C-Section operating rooms as summed from the Hospital License Renewal Application. (Column P)
- j. For each operating room service area, exclude one operating room for each Level I and II Trauma Center and one additional operating room for each designated Burn Intensive Care Unit. (Column Q)
- k. For each operating room service area, add the number of additional operating rooms for which certificates of need have been issued or settlement agreements signed but the operating rooms are not yet licensed, as well as any need determinations from previous plans that are pending certificate of need review. (Column R)
- 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, $\text{Column S} = \text{SUM} [\text{Column M through Column R}]$.)
- m. Determine the utilization rate for each licensed facility providing surgical services and exclude from Step 5 – “Determination of Need” the operating rooms in chronically underutilized licensed facilities located in operating room service areas with more than one licensed facility. Chronically underutilized licensed facilities are defined as licensed facilities operating

at less than 40 percent utilization for the past two fiscal years, which have been licensed long enough to submit at least three License Renewal Applications to the Division of Health Service Regulation.

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

- n. For each operating room service area, subtract the “Adjusted Planning Inventory” from the “Projected Operating Rooms Required in 2014” 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 2014.*)

- 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*)

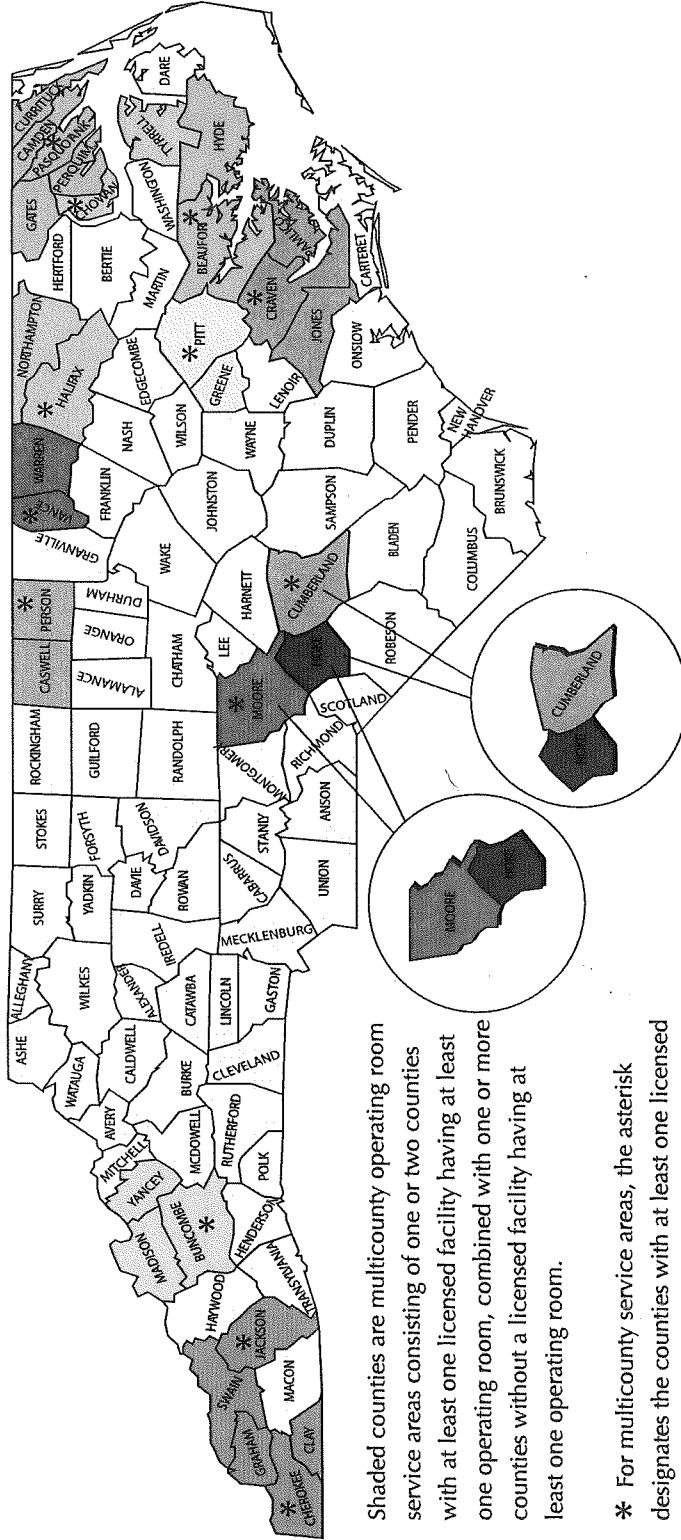
For each operating room service area with six to 10 operating rooms and a projected deficit of 0.30 or greater, the “Operating Room Need Determination” is equal to the “Projected Operating Room Deficit” rounded to the next whole number. (In this step, fractions of 0.30 or greater are rounded to the next 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 operating room having at least one operating room, combined with one or more counties without a licensed facility having at least one operating room.

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

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

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 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 ORs
Alamance	AS0114	Mebane Ambulatory Surgical Facility (closed 9/1/2010)	0	0	0	0	0	0	0	0	0
Alamance	H0272	Alamance Regional Medical Center	2,173	5,740	2	3	9	-2	0	0	0
Alamance Total			2,173	5,740	2	3	9	-2	0	0	0
Alexander	H0274	Alexander Hospital	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	35	330	0	0	2	0	0	0	0
Alleghany Total			35	330	0	0	2	0	0	0	0
Anson	H0082	Anson Community Hospital	75	237	0	0	2	0	0	0	0
Anson Total			75	237	0	0	2	0	0	0	0
Ashe	H0099	Ashe Memorial Hospital, Inc.	244	545	0	0	2	0	0	0	0
Ashe Total			244	545	0	0	2	0	0	0	0
Avery	H0037	Charles A. Cannon, Jr. Memorial Hospital	178	341	0	0	2	0	0	0	0
Avery Total			178	341	0	0	2	0	0	0	0
Beaufort	H0002	Pungo District Hospital Corporation	4	7	0	0	2	0	0	0	0
Beaufort	H0188	Beaufort County Medical Center	631	2,290	1	0	5	-1	0	0	0
Beaufort Total			635	2,297	1	0	7	-1	0	0	0
Bertie	H0268	Bertie Memorial Hospital	2	437	0	0	2	0	0	0	0
Bertie Total			2	437	0	0	2	0	0	0	0
Bladen	H0154	Cape Fear Valley-Bladen County Hospital	241	462	0	0	2	0	0	0	0
Bladen Total			241	462	0	0	2	0	0	0	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 Hospital and Ambulatory Surgical Facility License Renewal Applications

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Brunswick	H0150	J. Arthur Doshier Memorial Hospital	312	1,184	0	0	2	0	0	0	0
Brunswick	H0250	Brunswick Community Hospital	842	3,076	1	0	4	-1	0	0	0
Brunswick Total			1,154	4,260	1	0	6	-1	0	0	0
Buncombe	AS0004	FEMCARE, INC.	0	753	0	2	0	0	0	0	0
Buncombe	AS0038	Orthopaedic Surgery Center of Asheville	0	2,503	0	3	0	0	0	0	0
Buncombe	AS0065	Asheville Eye Surgery Center	0	3,721	0	1	0	0	0	0	0
Buncombe	H0036	Memorial Mission Hospital and Asheville Surgery Center	12,722	22,124	21	13	9	-2	-1	4	0
Buncombe Total			12,722	29,101	21	19	9	-2	-1	4	0
Burke	AS0040	Surgery Center of Morganton Eye Physicians, PA	0	2,241	0	2	0	0	0	0	0
Burke	H0062	Grace Hospital, Inc.	875	2,772	1	0	5	-1	0	0	0
Burke	H0091	Valdese General Hospital, Inc.	173	2,292	0	0	4	0	0	0	0
Burke Total			1,048	7,305	1	2	9	-1	0	0	0
Cabarrus	AS0019	Eye Surgery Center and Laser Clinic, Inc.	0	2,642	0	2	0	0	0	0	0
Cabarrus	AS0070	Gateway Surgery Center	0	6,005	0	4	0	0	0	0	0
Cabarrus	H0031	Carolinas Medical Center-NorthEast	4,942	6,721	4	0	17	-2	0	0	0
Cabarrus Total			4,942	15,368	4	6	17	-2	0	0	0
Caldwell	H0061	Caldwell Memorial Hospital, Inc.	1,483	2,863	1	3	4	-1	0	0	0
Caldwell Total			1,483	2,863	1	3	4	-1	0	0	0
Carteret	AS0061	The Surgical Center of Morehead City	0	1,517	0	2	0	0	0	0	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 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 ORs
Carteret	H0222	Carteret General Hospital	1,647	2,926	1	0	5	-1	0	0	0
Carteret Total			1,647	4,443	1	2	5	-1	0	0	0
Catawba		2011 SMFP Need Determination	0	0	0	0	0	0	0	1	0
Catawba	AS0036	Graystone Eye Surgery Center	0	4,500	0	1	0	0	0	0	0
Catawba	AS0101	Viewmont Surgery Center	0	2,814	0	3	0	0	0	0	0
Catawba	H0053	Eyre Regional Medical Center	3,089	5,738	2	4	15	0	0	0	0
Catawba	H0223	Catawba Valley Medical Center	3,313	5,654	1	0	12	-1	0	0	0
Catawba Total			6,402	18,706	3	8	27	-1	0	1	0
Chatham	H0007	Chatham Hospital, Inc.	78	124	0	0	2	0	0	0	0
Chatham Total			78	124	0	0	2	0	0	0	0
Cherokee	H0239	Murphy Medical Center, Inc.	513	2,211	0	0	4	0	0	0	0
Cherokee Total			513	2,211	0	0	4	0	0	0	0
Chowan	H0063	Chowan Hospital	378	1,220	0	0	3	0	0	0	0
Chowan Total			378	1,220	0	0	3	0	0	0	0
Cleveland	AS0049	Eye Surgery Center of Shelby	0	1,888	0	2	0	0	0	0	0
Cleveland	AS0062	Cleveland Ambulatory Services	0	1,522	0	4	0	0	0	0	0
Cleveland	H0024	Cleveland Regional Medical Center	2,101	3,760	1	0	6	-1	0	0	0
Cleveland	H0113	Kings Mountain Hospital	207	788	0	0	2	0	0	0	0
Cleveland Total			2,308	7,958	1	6	8	-1	0	0	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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 ORs
Columbus	H0045	Columbus Regional Healthcare System	1,330	3,104	1	0	4	-1	0	1	0
		Columbus Total	1,330	3,104	1	0	4	-1	0	1	0
Craven	H0201	CarolinaEast Medical Center	3,472	8,750	3	6	9	-1	0	0	0
		Craven Total	3,472	8,750	3	6	9	-1	0	0	0
Cumberland	AS0006	Fayetteville Ambulatory Surgery Center	0	10,745	0	11	0	0	0	0	0
Cumberland	H0213	Cape Fear Valley Medical Center	6,477	6,606	5	0	13	-3	0	1	0
Cumberland	H0275	Highsmith-Rainey Specialty Hospital	66	2,768	0	0	4	0	0	0	0
		Cumberland Total	6,543	20,119	5	11	17	-3	0	1	0
Dare	AS0053	RMS Surgery Center	0	632	0	2	0	0	0	0	0
Dare	H0273	The Outer Banks Hospital, Inc.	325	1,332	1	0	2	-1	0	0	0
		Dare Total	325	1,964	1	2	2	-1	0	0	0
Davidson	H0027	Lexington Memorial Hospital	810	2,532	0	0	4	0	0	0	0
Davidson	H0112	Thomasville Medical Center	588	3,257	1	0	5	-1	0	0	0
		Davidson Total	1,398	5,789	1	0	9	-1	0	0	0
Davie	H0171	Davie County Hospital	0	280	0	0	2	0	0	0	0
		Davie Total	0	280	0	0	2	0	0	0	0
Duplin	H0166	Duplin General Hospital, Inc.	596	1,231	0	0	3	0	0	0	0
		Duplin Total	596	1,231	0	0	3	0	0	0	0
Durham	AS0041	James E. Davis Ambulatory Surgical Center	0	4,673	0	8	0	0	0	0	0

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

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County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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 ORs
Durham	H0015	Duke University Hospital	16,721	20,564	4	9	36	0	-1	0	0
Durham	H0075	North Carolina Specialty Hospital	1,920	6,456	0	0	4	0	0	0	0
Durham	H0233	Durham Regional Hospital	4,008	3,271	3	0	12	-2	0	0	0
Durham Total			22,649	34,964	7	17	52	-2	-1	0	0
Edgecombe	H0258	Heritage Hospital	970	1,053	1	0	5	-1	0	0	0
Edgecombe Total			970	1,053	1	0	5	-1	0	0	0
Forsyth	AS0021	Plastic Surgery Center of North Carolina, Inc.	0	194	0	3	0	0	0	0	0
Forsyth	H0011	North Carolina Baptist Hospital	12,658	20,655	4	0	36	0	-2	0	0
Forsyth	H0209	Forsyth Memorial Hospital	10,908	12,697	5	8	20	-2	0	7	0
Forsyth	H0229	Medical Park Hospital, Inc.	605	10,836	0	0	12	0	0	-5	0
Forsyth Total			24,171	44,382	9	11	68	-2	-2	2	0
Franklin		Same Day Surgery Center	0	0	0	0	0	0	0	1	0
Franklin	H0261	Franklin Regional Medical Center	103	753	0	0	3	0	0	0	0
Franklin Total			103	753	0	0	3	0	0	1	0
Gaston	AS0037	CaroMont Specialty Surgery	0	2,659	0	6	0	0	0	0	0
Gaston	H0105	Gaston Memorial Hospital	4,141	10,599	5	8	9	-4	0	0	0
Gaston Total			4,141	13,258	5	14	9	-4	0	0	0
Granville	H0098	Granville Health System	603	2,158	0	0	3	0	0	0	0
Granville Total			603	2,158	0	0	3	0	0	0	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 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 ORs
Guilford		Premier Surgery Center	0	0	0	0	0	0	0	2	0
Guilford		Triad Neurosurgery (relinquished CON 2/28/11)	0	0	0	0	0	0	0	0	0
Guilford	AS0009	Greensboro Specialty Surgical Center	0	2,437	0	3	0	0	0	0	0
Guilford	AS0015	Carolina Birth Center, Inc.	0	426	0	1	0	0	0	0	0
Guilford	AS0018	Surgical Center of Greensboro	0	11,072	0	13	0	0	0	0	0
Guilford	AS0033	Surgical Eye Center	0	3,606	0	4	0	0	0	0	0
Guilford	AS0047	High Point Surgery Center	0	4,814	0	6	0	0	0	0	0
Guilford	AS0063	Piedmont Surgical Center	0	881	0	2	0	0	0	0	0
Guilford	H0052	High Point Regional Health System	3,192	3,047	3	0	9	-1	0	-2	0
Guilford	H0073	Kindred Hospital - Greensboro	774	34	0	0	1	0	0	0	0
Guilford	H0159	Moses Cone Health System	13,430	17,878	4	13	37	0	-1	0	0
Guilford Total			17,396	44,195	7	42	47	-1	-1	0	0
Halifax	H0230	Halifax Regional Medical Center, Inc.	1,513	2,511	0	0	6	0	0	0	0
Halifax Total			1,513	2,511	0	0	6	0	0	0	0
Harnett		Harnett Health System Central Campus	0	0	0	0	0	0	0	3	0
Harnett		Good Hope Hospital (closed eff. 4/1/06)	0	0	0	0	0	0	0	3	0
Harnett	H0224	Betsy Johnson Regional Hospital	1,114	2,826	0	0	4	0	0	0	0
Harnett Total			1,114	2,826	0	0	4	0	0	6	0

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Haywood	H0025	Haywood Regional Medical Center	1,362	3,143	0	0	7	0	0	0	0
		Haywood Total	1,362	3,143	0	0	7	0	0	0	0
Henderson	H0019	Park Ridge Health	815	4,739	1	0	6	-1	0	0	1
Henderson	H0161	Margaret R. Pardee Memorial Hospital	2,040	4,897	0	0	10	0	0	0	0
		Henderson Total	2,855	9,636	1	0	16	-1	0	0	1
Hertford	H0001	Roanoke-Chowan Hospital	759	1,811	1	0	5	-1	0	0	0
		Hertford Total	759	1,811	1	0	5	-1	0	0	0
Iredell	AS0001	The Surgical Center at Lake Norman (closed 2/2011)	0	2,108	0	0	0	0	0	0	0
Iredell	AS0042	Iredell Head Neck and Ear Ambulatory Surgery Center, Inc.	0	631	0	1	0	0	0	0	0
Iredell	AS0050	Iredell Surgical Center	0	1,249	0	4	0	0	0	0	0
Iredell	H0164	Iredell Memorial Hospital, Inc.	1,943	4,160	1	0	10	-1	0	0	0
Iredell	H0248	Davis Regional Medical Center	672	2,102	1	0	5	-1	0	0	0
Iredell	H0259	Lake Norman Regional Medical Center	1,472	3,756	1	2	7	-1	0	0	0
		Iredell Total	4,087	14,006	3	7	22	-3	0	0	0
Jackson	H0087	Harris Regional Hospital	1,012	4,423	0	0	6	0	0	0	0
		Jackson Total	1,012	4,423	0	0	6	0	0	0	0
Johnston	H0151	Johnston Memorial Hospital	2,309	3,886	1	2	5	-1	0	1	1
		Johnston Total	2,309	3,886	1	2	5	-1	0	1	1
Lee		Central Carolina Ambulatory Surgery	0	0	0	0	0	0	0	0	0

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Lee	H0243	Central Carolina Hospital	883	3,290	1	0	5	-1	0	1	0
		Lee Total	883	3,290	1	0	5	-1	0	1	0
Lenoir	H0043	Lenoir Memorial Hospital, Inc.	1,406	2,781	1	0	9	-1	0	0	0
		Lenoir Total	1,406	2,781	1	0	9	-1	0	0	0
Lincoln	H0225	Carolinas Medical Center-Lincoln	415	1,548	1	1	3	-1	0	0	0
		Lincoln Total	415	1,548	1	1	3	-1	0	0	0
Macon	H0034	Angel Medical Center, Inc.	184	1,395	1	0	4	-1	0	0	0
Macon	H0193	Highlands-Cashiers Hospital, Inc.	84	369	0	0	2	0	0	0	0
		Macon Total	268	1,764	1	0	6	-1	0	0	0
Martin	H0078	Martin General Hospital	269	772	0	0	2	0	0	0	0
		Martin Total	269	772	0	0	2	0	0	0	0
McDowell	H0097	The McDowell Hospital, Inc.	390	1,331	1	0	3	-1	0	0	0
		McDowell Total	390	1,331	1	0	3	-1	0	0	0
Mecklenburg		Matthews Surgery Center	0	0	0	0	0	0	0	2	0
Mecklenburg		Presbyterian Hospital Mint Hill	0	0	0	0	0	0	0	4	1
Mecklenburg	AS0026	Charlotte Surgery Center	0	7,944	0	7	0	0	0	0	0
Mecklenburg	AS0058	Carolina Center for Specialty Surgery	0	1,156	0	2	0	0	0	0	0
Mecklenburg	AS0064	Carolinas Surgery Center-Randolph (delic. 6/22/11)	0	963	0	0	0	0	0	0	0
Mecklenburg	AS0068	SouthPark Surgery Center, LLC	0	8,942	0	6	0	0	0	0	0

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

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Mecklenburg	AS0098	Presbyterian SameDay Surgery Center At Ballantyne	0	1,213	0	2	0	0	0	0	0
Mecklenburg	AS0124	Presbyterian Surgery Center Huntersville	0	370	0	2	0	0	0	0	0
Mecklenburg	H0010	Presbyterian Hospital	6,019	18,533	6	2	26	-3	0	4	0
Mecklenburg	H0042	Carolinas Medical Center Mercy-Pineville	5,077	10,157	3	0	24	-2	0	0	0
Mecklenburg	H0071	Carolinas Medical Center/Center for Mfl Hlth	15,619	14,527	10	11	26	-4	-1	0	0
Mecklenburg	H0251	Presbyterian Orthopaedic Hospital	2,932	4,439	0	0	12	0	0	-9	0
Mecklenburg	H0255	Carolinas Medical Center-University	1,077	6,752	1	4	7	-1	0	0	0
Mecklenburg	H0270	Presbyterian Hospital Matthews	1,262	5,225	2	0	8	-2	0	-2	0
Mecklenburg	H0282	Presbyterian Hospital Huntersville	1,198	4,386	1	0	4	-1	0	0	0
		Mecklenburg Total	33,184	84,607	23	36	107	-13	-1	-1	0
Mitchell	H0169	Blue Ridge Regional Hospital, Inc.	376	728	0	0	3	0	0	0	0
		Mitchell Total	376	728	0	0	3	0	0	0	0
Montgomery	H0003	FirstHealth Montgomery Memorial Hospital	0	109	0	0	2	0	0	0	0
		Montgomery Total	0	109	0	0	2	0	0	0	0
Moore	AS0022	The Eye Surgery Center of the Carolinas	0	8,115	0	3	0	0	0	0	0
Moore	AS0069	Surgery Center of Pinehurst	0	4,874	0	6	0	0	0	0	0
Moore	H0100	FirstHealth Moore Regional Hospital	6,360	4,183	2	4	10	0	0	2	0
		Moore Total	6,360	17,172	2	13	10	0	0	2	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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 ORs
Nash	H0228	Nash General Hospital	2,091	7,149	1	0	13	-1	0	0	0
Nash Total			2,091	7,149	1	0	13	-1	0	0	0
New Hanover		Same Day Surgery Center New Hanover	0	0	0	0	0	0	0	2	0
New Hanover	AS0055	Wilmington SurgCare	0	8,496	0	7	0	0	0	0	0
New Hanover	AS0103	Atlantic Surgicenter, LLC	0	2,897	0	4	0	0	0	0	0
New Hanover	H0221	New Hanover Regional Medical Center	9,194	17,781	5	5	22	-3	-1	0	0
New Hanover Total			9,194	29,174	5	16	22	-3	-1	2	0
Onslow	H0048	Onslow Memorial Hospital, Inc.	1,478	4,107	1	4	4	-1	0	0	0
Onslow Total			1,478	4,107	1	4	4	-1	0	0	0
Orange	AS0010	Chapel Hill Surgical Center, Inc.	0	875	0	3	0	0	0	0	0
Orange	H0157	University of North Carolina Hospitals	11,262	15,551	6	8	29	-3	-2	0	0
Orange Total			11,262	16,426	6	11	29	-3	-2	0	0
Pasquotank	H0054	Albemarle Hospital	1,180	4,388	2	0	8	-2	0	0	0
Pasquotank Total			1,180	4,388	2	0	8	-2	0	0	0
Pender	H0115	Pender Memorial Hospital, Inc.	46	302	0	0	2	0	0	0	0
Pender Total			46	302	0	0	2	0	0	0	0
Person	H0066	Person Memorial Hospital	534	2,038	1	0	4	-1	0	0	0
Person Total			534	2,038	1	0	4	-1	0	0	0
Pitt	AS0012	SurgiCenter of Eastern Carolina, LLC	0	11,829	0	10	0	0	0	0	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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 ORs
Pitt	H0104	Pitt County Memorial Hospital, Inc.	11,409	8,555	7	0	26	-4	-1	0	0
Pitt Total			11,409	20,384	7	10	26	-4	-1	0	0
Polk	H0079	St. Luke's Hospital	272	708	0	0	3	0	0	0	0
Polk Total			272	708	0	0	3	0	0	0	0
Randolph		Central Piedmont Surgery Center	0	0	0	0	0	0	0	2	0
Randolph	H0013	Randolph Hospital, Inc.	1,069	3,121	1	0	5	-1	0	0	0
Randolph Total			1,069	3,121	1	0	5	-1	0	2	0
Richmond	H0158	FirstHealth Richmond Memorial Hospital	476	911	1	0	3	-1	0	0	0
Richmond	H0265	Sandhills Regional Medical Center	496	757	0	0	3	0	0	0	0
Richmond Total			972	1,668	1	0	6	-1	0	0	0
Robeson	H0064	Southeastern Regional Medical Center	1,911	4,163	1	0	9	0	0	0	0
Robeson Total			1,911	4,163	1	0	9	0	0	0	0
Rockingham	H0023	Annie Penn Hospital	454	1,478	0	0	4	0	0	0	0
Rockingham	H0072	Morehead Memorial Hospital	795	2,077	1	0	5	-1	0	0	0
Rockingham Total			1,249	3,555	1	0	9	-1	0	0	0
Rowan	H0040	Rowan Regional Medical Center	2,821	8,157	2	3	8	-2	0	0	0
Rowan Total			2,821	8,157	2	3	8	-2	0	0	0
Rutherford	H0039	Rutherford Hospital, Inc.	1,548	2,099	0	0	5	0	0	0	0
Rutherford Total			1,548	2,099	0	0	5	0	0	0	0
Sampson	H0067	Sampson Regional Medical Center, Inc.	683	1,721	0	0	8	0	0	0	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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 ORs
Sampson Total			683	1,721	0	0	8	0	0	0	0
Scotland	H0107	Scotland Memorial Hospital and Edwin Morgan Center	1,244	2,958	1	0	5	-1	0	0	0
Scotland Total			1,244	2,958	1	0	5	-1	0	0	0
Stanly	H0008	Stanly Regional Medical Center	680	2,607	1	0	5	-1	0	0	0
Stanly Total			680	2,607	1	0	5	-1	0	0	0
Stokes	H0165	Stokes-Reynolds Memorial Hospital, Inc.	2	315	0	2	2	0	0	0	0
Stokes Total			2	315	0	2	2	0	0	0	0
Surry	H0049	Hugh Chatham Memorial Hospital, Inc.	1,184	2,601	1	0	5	-1	0	0	0
Surry	H0184	Northern Hospital District of Surry County	932	2,388	1	0	4	-1	0	0	0
Surry Total			2,116	4,989	2	0	9	-2	0	0	0
Swain	H0069	Swain County Hospital	0	0	0	0	1	0	0	0	0
Swain Total			0	0	0	0	1	0	0	0	0
Transylvania	H0111	Transylvania Regional Hospital	422	1,859	0	0	4	0	0	0	0
Transylvania Total			422	1,859	0	0	4	0	0	0	0
Union	AS0120	Presbyterian SameDay Surgery Center - Monroe	0	532	0	1	0	0	0	0	0
Union	AS0132	Union West Surgery Center	0	0	0	2	0	0	0	0	0
Union	H0050	Carolinas Medical Center-Union	1,555	5,309	0	0	6	0	0	0	0
Union Total			1,555	5,841	0	3	6	0	0	0	0
Vance	H0267	Maria Parham Medical Center	773	2,014	0	0	5	0	0	0	0
Vance Total			773	2,014	0	0	5	0	0	0	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 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 ORs
Wake		WakeMed Raleigh Surgery Center	0	0	0	0	0	0	0	8	0
Wake		2010 SMFP Need Determination	0	0	0	0	0	0	0	3	0
Wake		Orthopaedic Surgery Center of Raleigh	0	0	0	0	0	0	0	4	0
Wake	AS0017	Duke Univ Health System (prev. Ral. Womens' Health)	0	970	0	2	0	0	0	-2	0
Wake	AS0029	WakeMed - Blue Ridge Surgery Center	0	6,483	0	6	0	0	0	0	0
Wake	AS0034	Raleigh Plastic Surgery Center, Inc.	0	215	0	1	0	0	0	0	0
Wake	AS0048	Southern Eye Associates Ophthalmic Surgery Center	0	506	0	2	0	0	0	0	0
Wake	AS0129	Rex Surgery Center of Cary	0	0	0	4	0	0	0	0	0
Wake	H0065	Rex Hospital, Inc.	6,879	24,174	3	3	24	-3	0	0	0
Wake	H0199	WakeMed	7,898	12,562	7	4	18	-3	-1	-4	1
Wake	H0238	Duke Raleigh Hospital	3,491	11,462	0	0	13	0	0	2	0
Wake	H0276	WakeMed Cary Hospital	1,939	6,457	2	0	9	-2	0	0	0
		Wake Total	20,207	62,829	12	22	64	-8	-1	11	0
Washington	H0006	Washington County Hospital	12	279	0	0	2	0	0	0	0
		Washington Total	12	279	0	0	2	0	0	0	0
Watauga	H0077	Watauga Medical Center, Inc.	902	3,167	1	0	6	-1	0	0	0
Watauga	H0160	Blowing Rock Hospital	0	0	0	0	1	0	0	0	0
		Watauga Total	902	3,167	1	0	7	-1	0	0	0

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

Case Data for 10/1/2009 through 9/30/2010 as reported on the 2011 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 ORs
Wayne		Wayne ASC (dissolved per 11/29/2011 declaratory ruling)	0	0	0	0	0	0	0	0	0
Wayne	H0257	Wayne Memorial Hospital (see 11/29/2011 declaratory ruling)	3,087	7,478	1	2	10	-1	0	1	0
		Wayne Total	3,087	7,478	1	2	10	-1	0	1	0
Wilkes	AS0046	Wilkes Regional Medical Center ASC	0	499	0	1	0	0	0	0	0
Wilkes	H0153	Wilkes Regional Medical Center	527	2,070	1	0	4	-1	0	0	0
		Wilkes Total	527	2,569	1	1	4	-1	0	0	0
Wilson	AS0005	Eastern Regional Surgical Center	0	1,479	0	4	0	0	0	0	0
Wilson	AS0007	Wilson OB-GYN	0	350	0	1	0	0	0	0	0
Wilson	H0210	Wilson Medical Center	1,507	2,863	1	0	9	-1	0	0	0
		Wilson Total	1,507	4,692	1	5	9	-1	0	0	0
Yadkin	H0155	Yadkin Valley Community Hospital	0	443	0	0	2	0	0	0	0
		Yadkin Total	0	443	0	0	2	0	0	0	0
		Grand Total	259,270	653,492	161	290	874	-90	-11	35	4

Underutilized Facilities: Excluded from Need Determinations

License	Facility Name	Facility Name	Facility Name	Facility Name
H0002	Pungo District Hospital Corporation	Beaufort	Chapel Hill Surgical Center	Orange
AS0004	FEMCARE, Inc.	Buncombe	Swain County Hospital	Swain
AS0062	Cleveland Ambulatory Services	Cleveland	Southern Eye Associates Ophthalmic Surgery Center	Wake
AS0053	RMS Surgery Center	Dare	Raleigh Plastic Surgery Center	Wake
AS0021	Plastic Surgery Center of NC	Forsyth	Blowing Rock Hospital	Watauga
AS0050	Iredell Surgical Center	Iredell	Surgecenter of Wilson	Wilson
H0034	Angel Medical Center	Macon	Wilson OB-GYN, PA	Wilson
H0193	Highlands-Cashiers Hospital	Macon		

Table 6B: Projected Operating Room Need for 2014

A	B	C	D	E	F	G	H
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	2010 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 Hours)	Estimated Inpatient Hours	2010 Ambulatory Cases	Ambulatory Case Time Standard (1.5 Hours)	Estimated Ambulatory Hours	2010 Total Estimated Hours (D+G)
Beaufort	635	3.0	1,905	2,297	1.5	3,446	5,351
Hyde	0	3.0	0	0	1.5	0	0
Beaufort Hyde Total	635	3.0	1,905	2,297	1.5	3,446	5,351
Buncombe	12,722	3.0	38,166	29,101	1.5	43,652	81,818
Madison	0	3.0	0	0	1.5	0	0
Yancey	0	3.0	0	0	1.5	0	0
Buncombe Madison Yancey Total	12,722	3.0	38,166	29,101	1.5	43,652	81,818
Cherokee	513	3.0	1,539	2,211	1.5	3,317	4,856
Clay	0	3.0	0	0	1.5	0	0
Cherokee Clay Total	513	3.0	1,539	2,211	1.5	3,317	4,856
Chowan	378	3.0	1,134	1,220	1.5	1,830	2,964
Tyrrell	0	3.0	0	0	1.5	0	0
Chowan Tyrrell Total	378	3.0	1,134	1,220	1.5	1,830	2,964
Craven	3,472	3.0	10,416	8,750	1.5	13,125	23,541
Jones	0	3.0	0	0	1.5	0	0
Pamlico	0	3.0	0	0	1.5	0	0
Craven Jones Pamlico Total	3,472	3.0	10,416	8,750	1.5	13,125	23,541
Cumberland	6,543	3.0	19,629	20,119	1.5	30,179	49,808
Hoke	0	3.0	0	0	1.5	0	0
Cumberland Hoke Total	6,543	3.0	19,629	20,119	1.5	30,179	49,808
Halifax	1,513	3.0	4,539	2,511	1.5	3,767	8,306
Northampton	0	3.0	0	0	1.5	0	0
Halifax Northampton Total	1,513	3.0	4,539	2,511	1.5	3,767	8,306
Jackson	1,012	3.0	3,036	4,423	1.5	6,635	9,671
Graham	0	3.0	0	0	1.5	0	0
Swain	0	3.0	0	0	1.5	0	0
Jackson Graham Swain Total	1,012	3.0	3,036	4,423	1.5	6,635	9,671
Moore	6,360	3.0	19,080	17,172	1.5	25,758	44,838
Hoke	0	3.0	0	0	1.5	0	0
Moore Hoke Total	6,360	3.0	19,080	17,172	1.5	25,758	44,838
Pasquotank	1,180	3.0	3,540	4,388	1.5	6,582	10,122
Camden	0	3.0	0	0	1.5	0	0
Currituck	0	3.0	0	0	1.5	0	0
Gates	0	3.0	0	0	1.5	0	0
Perquimans	0	3.0	0	0	1.5	0	0
Pasquotank Camden Currituck Gates Perquimans Total	1,180	3.0	3,540	4,388	1.5	6,582	10,122
Person	534	3.0	1,602	2,038	1.5	3,057	4,659
Caswell	0	3.0	0	0	1.5	0	0
Person Caswell Total	534	3.0	1,602	2,038	1.5	3,057	4,659
Pitt	11,409	3.0	34,227	20,384	1.5	30,576	64,803
Greene	0	3.0	0	0	1.5	0	0
Pitt Greene Total	11,409	3.0	34,227	20,384	1.5	30,576	64,803
Vance	773	3.0	2,319	2,014	1.5	3,021	5,340
Warren	0	3.0	0	0	1.5	0	0
Vance Warren Total	773	3.0	2,319	2,014	1.5	3,021	5,340

Table 6B: Projected Operating Room Need for 2014

A	I	J	K	L	M	N	O
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	Growth Factor 2010-2014 (Population Change Rate)	2014 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x 0.8)	Projected ORs Needed in 2014	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
Beaufort	1.98%	5,456.52	1,872	2.91	1	0	5
Hyde	-2.95%	0.00	1,872	0.00	0	0	0
Beaufort Hyde Total	1.48%	5,429.47	1,872	2.90	1	0	5
Buncombe	4.46%	85,466.60	1,872	45.66	21	17	9
Madison	2.40%	0.00	1,872	0.00	0	0	0
Yancey	2.00%	0.00	1,872	0.00	0	0	0
Buncombe Madison Yancey Total	4.13%	85,199.19	1,872	45.51	21	17	9
Cherokee	5.29%	5,112.20	1,872	2.73	0	0	4
Clay	7.04%	0.00	1,872	0.00	0	0	0
Cherokee Clay Total	5.77%	5,135.82	1,872	2.74	0	0	4
Chowan	1.32%	3,003.05	1,872	1.60	0	0	3
Tyrrell	0.00%	0.00	1,872	0.00	0	0	0
Chowan Tyrrell Total	1.02%	2,994.37	1,872	1.60	0	0	3
Craven	3.12%	24,275.99	1,872	12.97	3	6	9
Jones	0.02%	0.00	1,872	0.00	0	0	0
Pamlico	0.14%	0.00	1,872	0.00	0	0	0
Craven Jones Pamlico Total	2.56%	24,143.53	1,872	12.90	3	6	9
Cumberland	4.56%	52,077.70	1,872	27.82	5	11	17
Hoke	10.13%	0.00	1,872	0.00	0	0	0
Cumberland Hoke Total	4.89%	52,243.59	1,872	27.91	5	11	17
Halifax	-1.21%	8,205.25	1,872	4.38	0	0	6
Northampton	-0.54%	0.00	1,872	0.00	0	0	0
Halifax Northampton Total	-1.02%	8,220.54	1,872	4.39	0	0	6
Jackson	4.81%	10,135.83	1,872	5.41	0	0	6
Graham	2.43%	0.00	1,872	0.00	0	0	0
Swain	4.55%	0.00	1,872	0.00	0	0	0
Jackson Graham Swain Total	4.43%	10,098.50	1,872	5.39	0	0	6
Moore	6.27%	47,651.38	1,872	25.45	2	13	10
Hoke	10.13%	0.00	1,872	0.00	0	0	0
Moore Hoke Total	6.98%	47,965.52	1,872	25.62	2	13	10
Pasquotank	0.58%	10,180.59	1,872	5.44	2	0	8
Camden	0.86%	0.00	1,872	0.00	0	0	0
Currituck	0.43%	0.00	1,872	0.00	0	0	0
Gates	4.37%	0.00	1,872	0.00	0	0	0
Perquimans	3.99%	0.00	1,872	0.00	0	0	0
Pasquotank Camden Currituck Gates Perquimans Total	1.46%	10,270.24	1,872	5.49	2	0	8
Person	3.01%	4,799.34	1,872	2.56	1	0	4
Caswell	-0.35%	0.00	1,872	0.00	0	0	0
Person Caswell Total	1.74%	4,740.24	1,872	2.53	1	0	4
Pitt	8.07%	70,032.77	1,872	37.41	7	10	26
Greene	3.46%	0.00	1,872	0.00	0	0	0
Pitt Greene Total	7.53%	69,681.20	1,872	36.30	7	10	26
Vance	-0.06%	5,336.57	1,872	2.85	0	0	5
Warren	-1.30%	0.00	1,872	0.00	0	0	0
Vance Warren Total	-0.45%	5,315.86	1,872	2.84	0	0	5

Table 6B: Projected Operating Room Need for 2014

A	P	Q	R	S	T	U
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	Excluded Dedicated C-Section Rooms	Exclusion of One Operating Room for each Level I and II Trauma Center and Burn Unit	Adjustments: CONs Issued, Settlement Agreements, Previous Need	Adjusted Planning Inventory	Projected Operating Room Deficit or Surplus (Surplus shows as a "-")	Projected Need for New Operating Rooms
Beaufort	-1	0	0	5	-2.09	
Hyde	0	0	0	0	0.00	
Beaufort Hyde Total	-1	0	0	5	-2.10	0
Buncombe	-2	-1	4	48	-2.34	
Madison	0	0	0	0	0.00	
Yancey	0	0	0	0	0.00	
Buncombe Madison Yancey Total	-2	-1	4	48	-2.49	0
Cherokee	0	0	0	4	-1.27	
Clay	0	0	0	0	0.00	
Cherokee Clay Total	0	0	0	4	-1.26	0
Chowan	0	0	0	3	-1.40	
Tyrrell	0	0	0	0	0.00	
Chowan Tyrrell Total	0	0	0	3	-1.40	0
Craven	-1	0	0	17	-4.03	
Jones	0	0	0	0	0.00	
Pamlico	0	0	0	0	0.00	
Craven Jones Pamlico Total	-1	0	0	17	-4.10	0
Cumberland	-3	0	1	31	-3.18	
Hoke	0	0	0	0	0.00	
Cumberland Hoke Total	-3	0	1	31	-3.09	0
Halifax	0	0	0	6	-1.62	
Northampton	0	0	0	0	0.00	
Halifax Northampton Total	0	0	0	6	-1.61	0
Jackson	0	0	0	6	-0.59	
Graham	0	0	0	0	0.00	
Swain	0	0	0	0	0.00	
Jackson Graham Swain Total	0	0	0	6	-0.61	0
Moore	0	0	2	27	-1.55	
Hoke	0	0	0	0	0.00	
Moore Hoke Total	0	0	2	27	-1.38	0
Pasquotank	-2	0	0	8	-2.56	
Camden	0	0	0	0	0.00	
Currituck	0	0	0	0	0.00	
Gates	0	0	0	0	0.00	
Perquimans	0	0	0	0	0.00	
Pasquotank Camden Currituck Gates Perquimans Total	-2	0	0	8	-2.51	0
Person	-1	0	0	4	-1.44	
Caswell	0	0	0	0	0.00	
Person Caswell Total	-1	0	0	4	-1.47	0
Pitt	-4	-1	0	38	-0.59	
Greene	0	0	0	0	0.00	
Pitt Greene Total	-4	-1	0	38	-1.70	0
Vance	0	0	0	5	-2.15	
Warren	0	0	0	0	0.00	
Vance Warren Total	0	0	0	5	-2.16	0

Table 6B: Projected Operating Room Need for 2014

A	B	C	D	E	F	G	H
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	2010 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 Hours)	Estimated Inpatient Hours	2010 Ambulatory Cases	Ambulatory Case Time Standard (1.5 Hours)	Estimated Ambulatory Hours	2010 Total Estimated Hours (D+G)
Alamance	2,173	3.0	6,519	5,740	1.5	8,610	15,129
Alexander	0	3.0	0	0	1.5	0	0
Alleghany	35	3.0	105	330	1.5	495	600
Anson	75	3.0	225	237	1.5	356	581
Ashe	244	3.0	732	545	1.5	818	1,550
Avery	178	3.0	534	341	1.5	512	1,046
Bertie	2	3.0	6	437	1.5	656	662
Bladen	241	3.0	723	462	1.5	693	1,416
Brunswick	1,154	3.0	3,462	4,260	1.5	6,390	9,852
Burke	1,048	3.0	3,144	7,305	1.5	10,958	14,102
Cabarrus	4,942	3.0	14,826	15,368	1.5	23,052	37,878
Caldwell	1,483	3.0	4,449	2,863	1.5	4,295	8,744
Carteret	1,647	3.0	4,941	4,443	1.5	6,665	11,606
Catawba	6,402	3.0	19,206	18,706	1.5	28,059	47,265
Chatham	78	3.0	234	124	1.5	186	420
Cleveland	2,308	3.0	6,924	7,958	1.5	11,937	18,861
Columbus	1,330	3.0	3,990	3,104	1.5	4,656	8,646
Dare	325	3.0	975	1,964	1.5	2,946	3,921
Davidson	1,398	3.0	4,194	5,789	1.5	8,684	12,878
Davie	0	3.0	0	280	1.5	420	420
Duplin	596	3.0	1,788	1,231	1.5	1,847	3,635
Durham	22,649	3.0	67,947	34,964	1.5	52,446	120,393
Edgecombe	970	3.0	2,910	1,053	1.5	1,580	4,490
Forsyth	24,171	3.0	72,513	44,382	1.5	66,573	139,086
Franklin	103	3.0	309	753	1.5	1,130	1,439
Gaston	4,141	3.0	12,423	13,258	1.5	19,887	32,310
Granville	603	3.0	1,809	2,158	1.5	3,237	5,046
Guilford	17,396	3.0	52,188	44,195	1.5	66,293	118,481
Harnett	1,114	3.0	3,342	2,826	1.5	4,239	7,581
Haywood	1,362	3.0	4,086	3,143	1.5	4,715	8,801
Henderson	2,855	3.0	8,565	9,636	1.5	14,454	23,019
Hertford	759	3.0	2,277	1,811	1.5	2,717	4,994
Iredell	4,087	3.0	12,261	14,006	1.5	21,009	33,270
Johnston	2,309	3.0	6,927	3,886	1.5	5,829	12,756
Lee	883	3.0	2,649	3,290	1.5	4,935	7,584

Table 6B: Projected Operating Room Need for 2014

A	I	J	K	L	M	N	O
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	Growth Factor 2010-2014 (Population Change Rate)	2014 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x 0.8)	Projected ORs Needed in 2014	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
Alamance	5.36%	15,940.31	1,872	8.52	2	3	9
Alexander	3.16%	0.00	1,872	0.00	0	0	2
Alleghany	2.85%	617.09	1,872	0.33	0	0	2
Anson	-0.70%	576.43	1,872	0.31	0	0	2
Ashe	3.34%	1,601.31	1,872	0.86	0	0	2
Avery	0.03%	1,045.84	1,872	0.56	0	0	2
Bertie	-0.48%	658.30	1,872	0.35	0	0	2
Bladen	-1.23%	1,398.54	1,872	0.75	0	0	2
Brunswick	11.43%	10,978.18	1,872	5.86	1	0	6
Burke	1.52%	14,316.01	1,872	7.65	1	2	9
Cabarrus	11.00%	42,044.08	1,872	22.46	4	6	17
Caldwell	2.01%	8,918.95	1,872	4.76	1	3	4
Carteret	4.02%	12,071.91	1,872	6.45	1	2	5
Catawba	4.80%	49,532.17	1,872	26.46	3	8	27
Chatham	7.38%	450.98	1,872	0.24	0	0	2
Cleveland	1.72%	19,185.77	1,872	10.25	1	2	8
Columbus	1.80%	8,801.86	1,872	4.70	1	0	4
Dare	-1.01%	3,881.31	1,872	2.07	1	0	2
Davidson	4.18%	13,416.19	1,872	7.17	1	0	9
Davie	6.25%	446.24	1,872	0.24	0	0	2
Duplin	3.12%	3,747.81	1,872	2.00	0	0	3
Durham	8.03%	130,056.18	1,872	69.47	7	17	52
Edgecombe	-0.26%	4,477.94	1,872	2.39	1	0	5
Forsyth	6.36%	147,936.50	1,872	79.03	9	8	68
Franklin	7.28%	1,543.24	1,872	0.82	0	0	3
Gaston	4.06%	33,622.41	1,872	17.96	5	14	9
Granville	4.31%	5,263.64	1,872	2.81	0	0	3
Guilford	6.13%	125,743.81	1,872	67.17	7	42	47
Harnett	11.44%	8,448.01	1,872	4.51	0	0	4
Haywood	2.71%	9,038.93	1,872	4.83	0	0	7
Henderson	6.65%	24,550.15	1,872	13.11	1	0	16
Hertford	0.01%	4,993.92	1,872	2.67	1	0	5
Iredell	6.39%	35,395.92	1,872	18.91	3	3	22
Johnston	12.29%	14,323.53	1,872	7.65	1	2	5
Lee	5.67%	8,014.27	1,872	4.28	1	0	5

Table 6B: Projected Operating Room Need for 2014

A	P	Q	R	S	T	U
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	Excluded Dedicated C-Section Rooms	Exclusion of One Operating Room for each Level I and II Trauma Center and Burn Unit	Adjustments: CONs Issued, Settlement Agreements, Previous Need	Adjusted Planning Inventory	Projected Operating Room Deficit or Surplus (Surplus shows as a "-")	Projected Need for New Operating Rooms
Alamance	-2	0	0	12	-3.48	0
Alexander	0	0	0	2	-2.00	0
Alleghany	0	0	0	2	-1.67	0
Anson	0	0	0	2	-1.69	0
Ashe	0	0	0	2	-1.14	0
Avery	0	0	0	2	-1.44	0
Bertie	0	0	0	2	-1.65	0
Bladen	0	0	0	2	-1.25	0
Brunswick	-1	0	0	6	-0.14	0
Burke	-1	0	0	11	-3.35	0
Cabarrus	-2	0	0	25	-2.54	0
Caldwell	-1	0	0	7	-2.24	0
Carteret	-1	0	0	7	-0.55	0
Catawba	-1	0	1	38	-11.54	0
Chatham	0	0	0	2	-1.76	0
Cleveland	-1	0	0	10	0.25	0
Columbus	-1	0	1	5	-0.30	0
Dare	-1	0	0	2	0.07	0
Davidson	-1	0	0	9	-1.83	0
Davie	0	0	0	2	-1.76	0
Duplin	0	0	0	3	-1.00	0
Durham	-2	-1	0	73	-3.53	0
Edgecombe	-1	0	0	5	-2.61	0
Forsyth	-2	-2	2	83	-3.97	0
Franklin	0	0	1	4	-3.18	0
Gaston	-4	0	0	24	-6.04	0
Granville	0	0	0	3	-0.19	0
Guilford	-1	-1	0	94	-26.83	0
Harnett	0	0	6	10	-5.49	0
Haywood	0	0	0	7	-2.17	0
Henderson	-1	0	0	16	-2.89	0
Hertford	-1	0	0	5	-2.33	0
Iredell	-3	0	0	25	-6.09	0
Johnston	-1	0	1	8	-0.35	0
Lee	-1	0	1	6	-1.72	0

Table 6B: Projected Operating Room Need for 2014

A	B	C	D	E	F	G	H
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	2010 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 Hours)	Estimated Inpatient Hours	2010 Ambulatory Cases	Ambulatory Case Time Standard (1.5 Hours)	Estimated Ambulatory Hours	2010 Total Estimated Hours (D+G)
Lenoir	1,406	3.0	4,218	2,781	1.5	4,172	8,390
Lincoln	415	3.0	1,245	1,548	1.5	2,322	3,567
Macon (no facilities at >40% utilization)	268	3.0	804	1,764	1.5	2,646	3,450
Martin	269	3.0	807	772	1.5	1,158	1,965
McDowell	390	3.0	1,170	1,331	1.5	1,997	3,167
Mecklenburg	33,184	3.0	99,552	84,607	1.5	126,911	226,463
Mitchell	376	3.0	1,128	728	1.5	1,092	2,220
Montgomery	0	3.0	0	109	1.5	164	164
Nash	2,091	3.0	6,273	7,149	1.5	10,724	16,997
New Hanover	9,194	3.0	27,582	29,174	1.5	43,761	71,343
Onslow	1,478	3.0	4,434	4,107	1.5	6,161	10,595
Orange	11,262	3.0	15,931	16,426	1.5	24,639	40,570
Pender	46	3.0	138	302	1.5	453	591
Polk	272	3.0	816	708	1.5	1,062	1,878
Randolph	1,069	3.0	3,207	3,121	1.5	4,682	7,889
Richmond	972	3.0	2,916	1,668	1.5	2,502	5,418
Robeson	1,911	3.0	5,733	4,163	1.5	6,245	11,978
Rockingham	1,249	3.0	3,747	3,555	1.5	5,333	9,080
Rowan	2,821	3.0	8,463	8,157	1.5	12,236	20,699
Rutherford	1,548	3.0	4,644	2,099	1.5	3,149	7,793
Sampson	683	3.0	2,049	1,721	1.5	2,582	4,631
Scotland	1,244	3.0	3,732	2,958	1.5	4,437	8,169
Stanly	680	3.0	2,040	2,607	1.5	3,911	5,951
Stokes	2	3.0	6	315	1.5	473	479
Surry	2,116	3.0	6,348	4,989	1.5	7,484	13,832
Transylvania	422	3.0	1,266	1,859	1.5	2,789	4,055
Union	1,555	3.0	4,665	5,841	1.5	8,762	13,427
Wake	20,207	3.0	60,621	62,829	1.5	94,244	154,865
Washington	12	3.0	36	279	1.5	419	455
Watauga	902	3.0	2,706	3,167	1.5	4,751	7,457
Wayne	3,087	3.0	9,261	7,478	1.5	11,217	20,478
Wilkes	527	3.0	1,581	2,569	1.5	3,854	5,435
Wilson	1,507	3.0	4,521	4,692	1.5	7,038	11,559
Yadkin	0	3.0	0	443	1.5	665	665
Grand Total	259,270			653,492			

Table 6B: Projected Operating Room Need for 2014

A	I	J	K	L	M	N	O
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	Growth Factor 2010-2014 (Population Change Rate)	2014 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x 0.8)	Projected ORs Needed in 2014	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
Lenoir	-1.53%	8,261.18	1,872	4.41	1	0	9
Lincoln	6.36%	3,793.97	1,872	2.03	1	1	3
Macon (no facilities at >40% utilization)	6.24%	3,665.42	1,872	0.00	0	0	0
Martin	-0.82%	1,948.88	1,872	1.04	0	0	2
McDowell	2.28%	3,238.56	1,872	1.73	1	0	3
Mecklenburg	6.55%	241,297.47	1,872	128.90	23	36	107
Mitchell	1.64%	2,256.36	1,872	1.21	0	0	3
Montgomery	2.01%	166.78	1,872	0.09	0	0	2
Nash	5.26%	17,890.38	1,872	9.56	1	0	13
New Hanover	4.17%	74,321.48	1,872	39.70	5	16	22
Onslow	7.20%	11,357.08	1,872	6.07	1	4	4
Orange	4.87%	42,546.73	1,872	22.73	6	8	29
Pender	10.92%	655.51	1,872	0.35	0	0	2
Polk	3.74%	1,948.27	1,872	1.04	0	0	3
Randolph	4.36%	8,232.07	1,872	4.40	1	0	5
Richmond	0.19%	5,428.27	1,872	2.90	1	0	6
Robeson	3.09%	12,347.40	1,872	6.60	1	0	9
Rockingham	0.51%	9,125.53	1,872	4.87	1	0	9
Rowan	3.52%	21,427.05	1,872	11.45	2	3	8
Rutherford	1.76%	7,929.87	1,872	4.24	0	0	5
Sampson	3.17%	4,777.29	1,872	2.55	0	0	8
Scotland	-0.19%	8,153.76	1,872	4.36	1	0	5
Stanly	2.10%	6,075.19	1,872	3.25	1	0	5
Stokes	1.28%	484.62	1,872	0.26	0	2	2
Surry	2.56%	14,185.31	1,872	7.58	2	0	9
Transylvania	3.36%	4,190.74	1,872	2.24	0	0	4
Union	9.64%	14,721.00	1,872	7.86	0	3	6
Wake	11.97%	173,395.12	1,872	92.63	12	19	64
Washington	-1.97%	445.53	1,872	0.24	0	0	2
Watauga	3.18%	7,693.36	1,872	4.11	1	0	6
Wayne	1.38%	20,760.07	1,872	11.09	1	2	10
Wilkes	0.64%	5,469.13	1,872	2.92	1	1	4
Wilson	3.62%	11,977.71	1,872	6.40	1	0	9
Yadkin	1.18%	672.36	1,872	0.36	0	0	2
Grand Total					160	264	864

Table 6B: Projected Operating Room Need for 2014

A	P	Q	R	S	T	U
Operating Room Service Areas (Multicounty Groupings and Single Counties) Multicounty Groupings First, Followed by Single Counties	Excluded Dedicated C-Section Rooms	Exclusion of One Operating Room for each Level I and II Trauma Center and Burn Unit	Adjustments: CONs Issued, Settlement Agreements, Previous Need	Adjusted Planning Inventory	Projected Operating Room Deficit or Surplus (Surplus shows as a "-")	Projected Need for New Operating Rooms
Lenoir	-1	0	0	9	-4.59	0
Lincoln	-1	0	0	4	-1.97	0
Macon (no facilities at >40% utilization)	0	0	0	0	0.00	0
Martin	0	0	0	2	-0.96	0
McDowell	-1	0	0	3	-1.27	0
Mecklenburg	-13	-1	-1	151	-22.10	0
Mitchell	0	0	0	3	-1.79	0
Montgomery	0	0	0	2	-1.91	0
Nash	-1	0	0	13	-3.44	0
New Hanover	-3	-1	2	41	-1.30	0
Onslow	-1	0	0	8	-1.93	0
Orange	-3	-2	0	38	-15.27	0
Pender	0	0	0	2	-1.65	0
Polk	0	0	0	3	-1.96	0
Randolph	-1	0	2	7	-2.60	0
Richmond	-1	0	0	6	-3.10	0
Robeson	0	0	0	10	-3.40	0
Rockingham	-1	0	0	9	-4.13	0
Rowan	-2	0	0	11	0.45	0
Rutherford	0	0	0	5	-0.76	0
Sampson	0	0	0	8	-5.45	0
Scotland	-1	0	0	5	-0.64	0
Stanly	-1	0	0	5	-1.75	0
Stokes	0	0	0	4	-3.74	0
Surry	-2	0	0	9	-1.42	0
Transylvania	0	0	0	4	-1.76	0
Union	0	0	0	9	-1.14	0
Wake	-8	-1	11	97	-4.37	0
Washington	0	0	0	2	-1.76	0
Watauga	-1	0	0	6	-1.89	0
Wayne	-1	0	1	13	-1.91	0
Wilkes	-1	0	0	5	-2.08	0
Wilson	-1	0	0	9	-2.60	0
Yadkin	0	0	0	2	-1.64	0
Grand Total	-89	-11	35	1,223		0

Need Determination

Application of the standard methodology indicated no need for additional operating rooms anywhere in the state and no certificate of need reviews are scheduled for 2012.

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

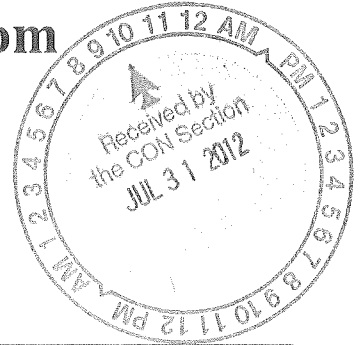
Table 6C: Inventory for Single Specialty Ambulatory Surgery Demonstration Project

Operating Room Service Area	Provider	ORs
Charlotte Area (Mecklenburg, Cabarrus, Union counties)	2010 Need Determination	2
Triad Area (Guilford, Forsyth counties)	Piedmont Outpatient Surgery Center	2
Triangle Area (Wake, Durham, Orange counties)	Triangle Orthopaedics Surgery Center	2
<p>The North Carolina <u>2010 State Medical Facilities Plan</u> 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. 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.</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 6D based on data from the 2011 Hospital and the 2011 Ambulatory Surgery Facility License Renewal Applications. The review schedule for endoscopy rooms in licensed facilities can be found in Chapter 3.

**Comments in Opposition from
Cape Fear Valley Health System, Inc.
Regarding FirstHealth of the Carolinas, Inc.
Certificate of Need Application
Project I.D #N-8843-12
Relocation of One Operating Room
to FirstHealth Hoke
Submitted June 15, 2012 for
July 1, 2012 Review Cycle**



Attachment 2 - 4

ATTACHMENT 2

STATE HEALTH COORDINATING COUNCIL

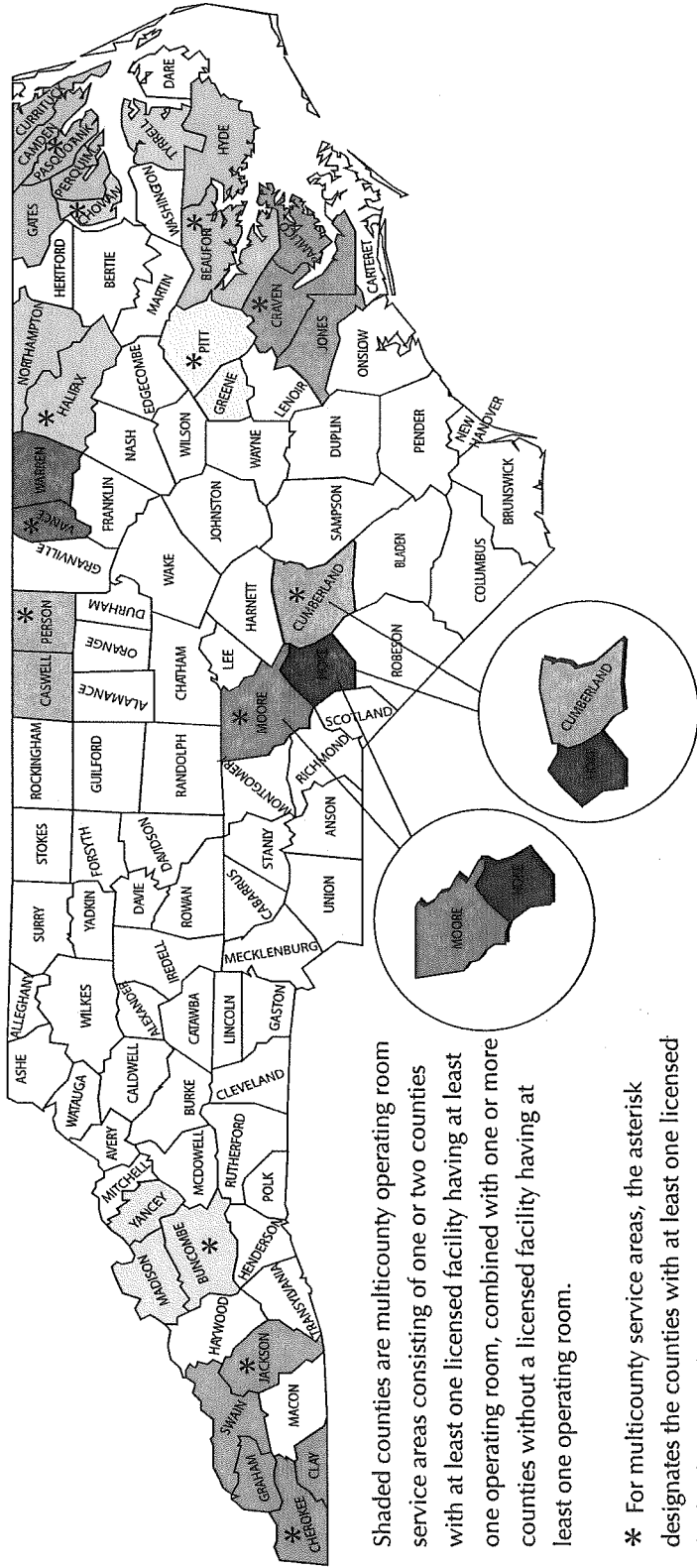
PROPOSED

STATE
MEDICAL
FACILITIES
PLAN



2013

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 having at least one operating room.

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

Hospital	Multicounty Service Area	Color Code
Murphy Medical Center	Cherokee, Clay	[Color swatch]
MedWest Harris and MedWest Swain	Jackson, Graham, Swain	[Color swatch]
Mission Hospitals	Buncombe, Madison, Yancey	[Color swatch]
FirstHealth Moore Regional Hospital	Moore, Hoke	[Color swatch]
Cape Fear Valley Medical Center	Cumberland, Hoke	[Color swatch]
Person Memorial Hospital	Person, Caswell	[Color swatch]
Maria Parham Medical Center	Vance, Warren	[Color swatch]
Our Community and Halifax Regional Medical Center	Halifax, Northampton	[Color swatch]
Vidant Medical Center	Pitt, Greene	[Color swatch]
CarolinaEast Medical Center	Craven, Jones, Pamlico	[Color swatch]
Vidant Pungo Hospital and Vidant Beaufort Hospital	Beaufort, Hyde	[Color swatch]
Vidant Chowan Hospital	Chowan, Tyrrell	[Color swatch]
Albemarle Health: A Vidant Partner in Health	Pasquotank, Camden, Currituck, Gates, Perquimans	[Color swatch]

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

Case Data for 10/1/2010 through 9/30/2011 as reported on the 2012 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section Cases Excluded)	Ambulatory Cases	Ambulatory ORs	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section ORs
Alamance	H0272	Alamance Regional Medical Center	1,984	7,823	3	9	-2	0	0	0
Alamance Total			1,984	7,823	3	9	-2	0	0	0
Alexander	H0274	Alexander Hospital	0	0	0	2	0	0	0	0
Alexander Total			0	0	0	2	0	0	0	0
Alleghany	H0108	Alleghany Memorial Hospital	23	319	0	2	0	0	0	0
Alleghany Total			23	319	0	2	0	0	0	0
Anson	H0082	Anson Community Hospital	63	236	0	2	0	0	0	0
Anson Total			63	236	0	2	0	0	0	0
Ashe	H0099	Ashe Memorial Hospital, Inc.	182	462	0	2	0	0	0	0
Ashe Total			182	462	0	2	0	0	0	0
Avery	H0037	Charles A. Cannon, Jr. Memorial Hospital	158	418	0	2	0	0	0	0
Avery Total			158	418	0	2	0	0	0	0
Beaufort	H0002	Vidant Pungo Hospital	9	12	0	2	0	0	0	0
Beaufort	H0188	Vidant Beaufort Hospital	599	2,322	1	5	-1	0	0	0
Beaufort Total			608	2,334	1	7	-1	0	0	0
Bertie	H0268	Vidant Bertie Hospital	2	413	0	2	0	0	0	0
Bertie Total			2	413	0	2	0	0	0	0
Bladen	H0154	Cape Fear Valley-Bladen County Hospital	187	420	0	2	0	0	0	0
Bladen Total			187	420	0	2	0	0	0	0
Brunswick	H0150	J. Arthur Doshier Memorial Hospital	327	1,057	0	2	0	0	0	0
Brunswick	H0250	Brunswick Novant Medical Center	851	3,137	1	4	-1	0	0	0
Brunswick Total			1,178	4,194	1	6	-1	0	0	0

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

Case Data for 10/1/2010 through 9/30/2011 as reported on the 2012 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 ORs
Buncombe	AS0004	FEMCARE, INC.	0	739	0	2	0	0	0	0	0
Buncombe	AS0038	Orthopaedic Surgery Center of Asheville	0	2,717	0	3	0	0	0	0	0
Buncombe	AS0065	Asheville Eye Surgery Center	0	3,698	0	1	0	0	0	0	0
Buncombe	H0036	Memorial Mission Hospital	12,619	22,898	21	13	13	-2	-1	0	0
Buncombe Total			12,619	30,052	21	19	13	-2	-1	0	0
Burke	AS0040	Surgery Center of Morganton Eye Physicians, PA	0	2,276	0	2	0	0	0	0	0
Burke	H0062	Grace Hospital, Inc.	913	2,708	1	0	5	-1	0	0	0
Burke	H0091	Valdese General Hospital, Inc.	498	1,614	0	0	4	0	0	0	0
Burke Total			1,411	6,598	1	2	9	-1	0	0	0
Cabarrus	AS0019	Eye Surgery Center and Laser Clinic, Inc.	0	2,624	0	2	0	0	0	0	0
Cabarrus	AS0070	Gateway Surgery Center	0	6,355	0	4	0	0	0	0	0
Cabarrus	H0031	Carolinas Medical Center-NorthEast	4,718	6,500	4	0	17	-2	0	0	0
Cabarrus Total			4,718	15,479	4	6	17	-2	0	0	0
Caldwell	H0061	Caldwell Memorial Hospital, Inc.	1,311	2,789	1	3	4	-1	0	0	0
Caldwell Total			1,311	2,789	1	3	4	-1	0	0	0
Carteret	AS0061	The Surgical Center of Morehead City	0	1,682	0	2	0	0	0	0	0
Carteret	H0222	Carteret General Hospital	1,731	2,687	1	0	5	-1	0	0	0
Carteret Total			1,731	4,369	1	2	5	-1	0	0	0
Catawba	AS0036	Graystone Eye Surgery Center	0	4,999	0	2	0	0	0	0	0

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

Case Data for 10/1/2010 through 9/30/2011 as reported on the 2012 Hospital and Ambulatory Surgical Facility License Renewal Applications

County	License	Facility Name	Inpatient Cases (Dedicated C-Section Cases Excluded)	Ambulatory Cases	Shared ORs	Excluded C-Section ORs	Excluded Trauma/Burn ORs	CON Adjustments	CON Adjustments for Dedicated C-Section ORs
Catawba	AS0101	Viewmont Surgery Center	0	2,767	3	0	0	0	0
Catawba	H0053	Frye Regional Medical Center	3,209	5,416	4	15	0	0	0
Catawba	H0223	Catawba Valley Medical Center	3,267	5,718	1	12	-1	0	0
Catawba Total			6,476	18,900	9	27	-1	0	0
Chatham	H0007	Chatham Hospital, Inc.	46	159	0	2	0	0	0
Chatham Total			46	159	0	2	0	0	0
Cherokee	H0239	Murphy Medical Center, Inc.	459	2,136	0	4	0	0	0
Cherokee Total			459	2,136	0	4	0	0	0
Chowan	H0063	Vidant Chowan Hospital	460	1,171	0	3	0	0	0
Chowan Total			460	1,171	0	3	0	0	0
Cleveland	AS0049	Eye Surgery Center of Shelby	0	1,777	2	0	0	0	0
Cleveland	AS0062	Cleveland Ambulatory Services	0	1,349	4	0	0	0	0
Cleveland	H0024	Cleveland Regional Medical Center	1,971	3,905	1	6	-1	0	0
Cleveland	H0113	Kings Mountain Hospital	186	795	0	2	0	0	0
Cleveland Total			2,157	7,826	1	8	-1	0	0
Columbus	H0045	Columbus Regional Healthcare System	1,368	2,871	1	4	-1	0	0
Columbus Total			1,368	2,871	1	4	-1	0	1
Craven	H0201	CarolinaEast Medical Center	3,334	9,519	3	6	-1	0	0
Craven Total			3,334	9,519	3	6	-1	0	0
Cumberland	AS0006	Fayetteville Ambulatory Surgery Center	0	10,475	0	11	0	0	0

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County	License	Facility Name	Inpatient Cases (Dedicated C-Section 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 ORs
Cumberland	H0213	Cape Fear Valley Medical Center	6,530	6,395	5	0	13	-3	0	5	0
Cumberland	H0275	Highsmith-Rainey Specialty Hospital	88	2,517	0	0	4	0	0	-3	0
Cumberland Total			6,618	19,387	5	11	17	-3	0	2	0
Dare	AS0053	RMS Surgery Center	0	664	0	2	0	0	0	0	0
Dare	H0273	The Outer Banks Hospital, Inc.	297	1,478	1	0	2	-1	0	0	0
Dare Total			297	2,142	1	2	2	-1	0	0	0
Davidson	H0027	Lexington Medical Center	793	2,367	0	0	4	0	0	0	0
Davidson	H0112	Thomasville Medical Center	480	4,066	1	0	5	-1	0	0	0
Davidson Total			1,273	6,433	1	0	9	-1	0	0	0
Davie	H0171	Davie County Hospital	0	276	0	0	2	0	0	0	0
Davie Total			0	276	0	0	2	0	0	0	0
Duplin	H0166	Vidant Duplin Hospital	661	1,801	0	0	3	0	0	0	0
Duplin Total			661	1,801	0	0	3	0	0	0	0
Durham	AS0041	James E. Davis Ambulatory Surgical Center	0	4,818	0	8	0	0	0	0	0
Durham	H0015	Duke University Hospital*	17,052	20,425	4	9	36	0	-1	0	0
Durham	H0075	North Carolina Specialty Hospital	1,611	6,315	0	0	4	0	0	0	0
Durham	H0233	Durham Regional Hospital	3,711	3,440	2	0	13	-2	0	0	0
Durham Total			22,374	34,998	6	17	53	-2	-1	0	0
Edgecombe	H0258	Vidant Edgecombe Hospital	929	898	1	0	5	-1	0	0	0
Edgecombe Total			929	898	1	0	5	-1	0	0	0

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

Case Data for 10/1/2010 through 9/30/2011 as reported on the 2012 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 ORs
Forsyth	AS0021	Plastic Surgery Center of North Carolina, Inc.	0	148	0	3	0	0	0	0	0
Forsyth	H0011	North Carolina Baptist Hospital	14,232	20,094	4	0	36	0	-2	0	0
Forsyth	H0209	Forsyth Memorial Hospital	10,418	14,489	5	8	22	-2	0	0	0
Forsyth	H0229	Medical Park Hospital, Inc.	480	10,047	0	0	12	0	0	-5	0
Forsyth Total			25,130	44,778	9	11	70	-2	-2	-5	0
Franklin		Same Day Surgery Center	0	0	0	0	0	0	0	1	0
Franklin	H0261	Franklin Regional Medical Center	92	742	0	0	3	0	0	0	0
Franklin Total			92	742	0	0	3	0	0	1	0
Gaston	AS0037	CaroMont Specialty Surgery	0	381	0	6	0	0	0	0	0
Gaston	H0105	Gaston Memorial Hospital	4,383	12,626	5	8	9	-4	0	0	0
Gaston Total			4,383	13,007	5	14	9	-4	0	0	0
Granville	H0098	Granville Health System	487	2,102	0	0	3	0	0	0	0
Granville Total			487	2,102	0	0	3	0	0	0	0
Guilford		Premier Surgery Center	0	0	0	0	0	0	0	2	0
Guilford	AS0009	Greensboro Specialty Surgical Center	0	2,625	0	3	0	0	0	0	0
Guilford	AS0015	Carolina Birth Center, Inc.	0	313	0	1	0	0	0	0	0
Guilford	AS0018	Surgical Center of Greensboro	0	11,795	0	13	0	0	0	0	0
Guilford	AS0033	Surgical Eye Center	0	3,234	0	4	0	0	0	0	0
Guilford	AS0047	High Point Surgery Center	0	4,870	0	6	0	0	0	0	0

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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 ORs
Guilford	AS0063	Piedmont Surgical Center	0	945	0	2	0	0	0	0	0
Guilford	H0052	High Point Regional Health System	3,116	3,254	3	0	9	-1	0	-1	0
Guilford	H0073	Kindred Hospital - Greensboro	242	79	0	0	1	0	0	0	0
Guilford	H0159	Cone Health	13,111	17,199	4	13	37	0	-1	0	0
		Guilford Total	16,469	44,314	7	42	47	-1	-1	1	0
Halifax	H0230	Halifax Regional Medical Center, Inc.	1,457	2,583	0	0	6	0	0	0	0
		Halifax Total	1,457	2,583	0	0	6	0	0	0	0
Harnett		Harnett Health System Central Campus	0	0	0	0	0	0	0	3	0
Harnett		Good Hope Hospital (closed eff. 4/11/06)	0	0	0	0	0	0	0	3	0
Harnett	H0224	Betsy Johnson Regional Hospital	646	2,738	0	0	4	0	0	0	0
		Harnett Total	646	2,738	0	0	4	0	0	6	0
Haywood	H0025	MedWest Haywood	1,225	3,075	0	0	7	0	0	0	0
		Haywood Total	1,225	3,075	0	0	7	0	0	0	0
Henderson	H0019	Park Ridge Health	776	4,487	1	0	6	-1	0	0	0
Henderson	H0161	Margaret R. Pardee Memorial Hospital	1,890	4,757	0	0	10	0	0	0	0
		Henderson Total	2,666	9,244	1	0	16	-1	0	0	0
Hertford	H0001	Vidant Roanoke-Chowan Hospital	821	1,529	1	0	5	-1	0	0	0
		Hertford Total	821	1,529	1	0	5	-1	0	0	0
Iredell	AS0042	Iredell Head Neck and Ear Ambulatory Surgery Center, Inc.	0	563	0	1	0	0	0	0	0
Iredell	AS0050	Iredell Surgical Center	0	1,348	0	4	0	0	0	0	0

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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 ORs
Iredell	H0164	Iredell Memorial Hospital, Inc.	2,150	4,162	1	0	10	-1	0	0	0
Iredell	H0248	Davis Regional Medical Center	603	1,806	1	0	5	-1	0	0	0
Iredell	H0259	Lake Norman Regional Medical Center	1,137	5,491	1	2	7	-1	0	0	0
		Iredell Total	3,890	13,370	3	7	22	-3	0	0	0
Jackson	H0087	MedWest Harris	1,075	3,873	0	0	6	0	0	0	0
		Jackson Total	1,075	3,873	0	0	6	0	0	0	0
Johnston	H0151	Johnston Memorial Hospital	1,638	4,321	1	2	5	-1	0	1	0
		Johnston Total	1,638	4,321	1	2	5	-1	0	1	0
Lee	H0243	Central Carolina Hospital	937	3,319	1	0	5	-1	0	1	0
		Lee Total	937	3,319	1	0	5	-1	0	1	0
Lenoir	H0043	Lenoir Memorial Hospital, Inc.	1,125	2,395	1	0	9	-1	0	0	0
		Lenoir Total	1,125	2,395	1	0	9	-1	0	0	0
Lincoln	H0225	Carolinas Medical Center-Lincoln	581	1,660	1	1	3	-1	0	0	0
		Lincoln Total	581	1,660	1	1	3	-1	0	0	0
Macon	H0034	Angel Medical Center, Inc.	153	1,398	1	0	4	-1	0	0	0
Macon	H0193	Highlands-Cashiers Hospital, Inc.	50	346	0	0	2	0	0	0	0
		Macon Total	203	1,744	1	0	6	-1	0	0	0
Martin	H0078	Martin General Hospital	340	842	0	0	2	0	0	0	0
		Martin Total	340	842	0	0	2	0	0	0	0
McDowell	H0097	The McDowell Hospital	305	1,071	1	0	3	-1	0	0	0
		McDowell Total	305	1,071	1	0	3	-1	0	0	0

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Mecklenburg		Matthews Surgery Center	0	0	0	0	0	0	0	2	0
Mecklenburg		Presbyterian Hospital Mint Hill	0	0	0	0	0	0	0	4	0
Mecklenburg	AS0026	Charlotte Surgery Center	0	8,226	0	7	0	0	0	0	0
Mecklenburg	AS0058	Carolina Center for Specialty Surgery	0	1,291	0	2	0	0	0	0	0
Mecklenburg	AS0064	Carolinas Surg. Ctr-Randolph (delic. 6/22/11)	0	450	0	0	0	0	0	0	0
Mecklenburg	AS0068	SouthPark Surgery Center, LLC	0	9,203	0	6	0	0	0	0	0
Mecklenburg	AS0098	Presbyterian SameDay Surgery Center At Ballantyne	0	1,016	0	2	0	0	0	0	0
Mecklenburg	AS0124	Presbyterian Surgery Center Huntersville	0	1,847	0	2	0	0	0	0	0
Mecklenburg	H0010	Presbyterian Hospital	5,429	24,023	6	2	26	-3	0	4	0
Mecklenburg	H0042	Carolinas Medical Center Mercy-Pineville	5,699	10,594	2	0	25	-2	0	0	0
Mecklenburg	H0071	Carolinas Medical Center/Center for Mental Health	15,556	14,788	10	11	26	-4	-1	0	0
Mecklenburg	H0251	Presbyterian Orthopaedic Hospital	2,902	4,477	0	0	12	0	0	-9	0
Mecklenburg	H0255	Carolinas Medical Center-University	1,045	6,702	1	4	7	-1	0	0	0
Mecklenburg	H0270	Presbyterian Hospital Matthews	1,092	4,873	2	0	8	-2	0	-2	0
Mecklenburg	H0282	Presbyterian Hospital Huntersville	1,228	3,431	1	0	4	-1	0	0	0
			Mecklenburg Total	32,951	22	36	108	-13	-1	-1	0
Mitchell	H0169	Blue Ridge Regional Hospital, Inc.	295	640	0	0	3	0	0	0	0
			Mitchell Total	295	0	0	3	0	0	0	0

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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 ORs
Montgomery	H0003	FirstHealth Montgomery Memorial Hospital	5	95	0	0	2	0	0	0	0
Montgomery Total			5	95	0	0	2	0	0	0	0
Moore	AS0022	The Eye Surgery Center of the Carolinas	0	7,902	0	3	0	0	0	0	0
Moore	AS0069	Surgery Center of Pinehurst	0	5,025	0	6	0	0	0	0	0
Moore	H0100	FirstHealth Moore Reg Hospital & Pinehurst Treatment Center	5,738	4,394	2	4	12	0	0	0	0
Moore Total			5,738	17,321	2	13	12	0	0	0	0
Nash	H0228	Nash General Hospital	2,032	7,021	1	0	13	-1	0	0	0
Nash Total			2,032	7,021	1	0	13	-1	0	0	0
New Hanover		Same Day Surgery Center New Hanover	0	0	0	0	0	0	0	2	0
New Hanover	AS0055	Wilmington SurgCare	0	7,865	0	7	0	0	0	0	0
New Hanover	AS0103	Atlantic Surgicenter, LLC	0	4,066	0	4	0	0	0	0	0
New Hanover	H0221	New Hanover Regional Medical Center	9,320	17,520	5	5	22	-3	-1	0	0
New Hanover Total			9,320	29,451	5	16	22	-3	-1	2	0
Onslow	H0048	Onslow Memorial Hospital, Inc.	1,565	4,099	1	4	4	-1	0	0	0
Onslow Total			1,565	4,099	1	4	4	-1	0	0	0
Orange	AS0010	Chapel Hill Surgical Center, Inc.	0	805	0	3	0	0	0	0	0
Orange	H0157	University of North Carolina Hospitals	11,579	16,008	6	8	29	-3	-2	0	0
Orange Total			11,579	16,813	6	11	29	-3	-2	0	0
Pasquotank	H0054	Albemarle Health: A Vidant Partner in Health	1,005	4,592	2	0	8	-2	0	0	0
Pasquotank Total			1,005	4,592	2	0	8	-2	0	0	0

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Pender	H0115	Pender Memorial Hospital, Inc.	23	294	0	0	2	0	0	0	0
		Pender Total	23	294	0	0	2	0	0	0	0
Person	H0066	Person Memorial Hospital	482	1,513	1	0	4	-1	0	0	0
		Person Total	482	1,513	1	0	4	-1	0	0	0
Pitt	AS0012	SurgiCenter of Eastern Carolina, LLC	0	12,142	0	10	0	0	0	0	0
Pitt	H0104	Vidant Medical Center	11,110	8,765	7	0	26	-4	-1	0	0
		Pitt Total	11,110	20,907	7	10	26	-4	-1	0	0
Polk	H0079	St. Luke's Hospital	318	709	0	0	3	0	0	0	0
		Polk Total	318	709	0	0	3	0	0	0	0
Randolph	AS0133	Central Piedmont Surgery Center	0	0	0	2	0	0	0	0	0
Randolph	H0013	Randolph Hospital, Inc.	1,125	3,153	1	0	5	-1	0	0	0
		Randolph Total	1,125	3,153	1	2	5	-1	0	0	0
Richmond	H0158	FirstHealth Richmond Memorial Hospital	322	994	1	0	3	-1	0	0	0
Richmond	H0265	Sandhills Regional Medical Center	416	772	0	0	3	0	0	0	0
		Richmond Total	738	1,766	1	0	6	-1	0	0	0
Robeson		Southeastern Ambulatory Surgery Center, LLC	0	0	0	0	0	0	0	4	0
Robeson	H0064	Southeastern Regional Medical Center	2,041	4,064	1	0	9	0	0	-4	0
		Robeson Total	2,041	4,064	1	0	9	0	0	0	0
Rockingham	H0023	Annie Penn Hospital	457	1,658	0	0	4	0	0	0	0
Rockingham	H0072	Morehead Memorial Hospital	2,059	2,242	1	0	5	-1	0	0	0
		Rockingham Total	2,516	3,900	1	0	9	-1	0	0	0

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Rowan	H0040	Rowan Regional Medical Center	2,725	7,937	2	3	8	-2	0	0	0
		Rowan Total	2,725	7,937	2	3	8	-2	0	0	0
Rutherford	H0039	Rutherford Regional Medical Center	1,283	1,847	0	0	5	0	0	0	0
		Rutherford Total	1,283	1,847	0	0	5	0	0	0	0
Sampson	H0067	Sampson Regional Medical Center, Inc.	731	1,444	0	0	8	0	0	0	0
		Sampson Total	731	1,444	0	0	8	0	0	0	0
Scotland	H0107	Scotland Memorial Hospital and Edwin Morgan Center	1,201	3,100	1	0	5	-1	0	0	0
		Scotland Total	1,201	3,100	1	0	5	-1	0	0	0
Stanly	H0008	Stanly Regional Medical Center	502	2,298	1	0	5	-1	0	0	0
		Stanly Total	502	2,298	1	0	5	-1	0	0	0
Stokes	H0165	Pioneer Community Hospital of Stokes	0	424	0	2	2	0	0	0	0
		Stokes Total	0	424	0	2	2	0	0	0	0
Surry	H0049	Hugh Chatham Memorial Hospital, Inc.	1,138	2,610	1	0	5	-1	0	0	0
Surry	H0184	Northern Hospital of Surry County	869	2,325	1	0	4	-1	0	0	0
		Surry Total	2,007	4,935	2	0	9	-2	0	0	0
Swain	H0069	MedWest Swain	0	0	0	0	1	0	0	0	0
		Swain Total	0	0	0	0	1	0	0	0	0
Transylvania	H0111	Transylvania Regional Hospital Inc. and Bridgeway	447	1,982	0	0	4	0	0	0	0
		Transylvania Total	447	1,982	0	0	4	0	0	0	0
Union	AS0120	Presbyterian SameDay Surgery Center - Monroe	0	703	0	1	0	0	0	0	0
Union	AS0132	Union West Surgery Center	0	0	0	1	0	0	0	1	0

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Union	H0050	Carolinas Medical Center-Union	1,896	5,365	0	0	6	0	0	0	0
		Union Total	1,896	6,068	0	2	6	0	0	1	0
Vance	H0267	Maria Parham Medical Center	925	2,018	0	0	5	0	0	0	0
		Vance Total	925	2,018	0	0	5	0	0	0	0
Wake		Orthopaedic Surgery Center of Raleigh	0	0	0	0	0	0	0	4	0
Wake		2010 SMFP Need Determination	0	0	0	0	0	0	0	3	0
Wake		WakeMed Raleigh Surgery Center	0	0	0	0	0	0	0	8	0
Wake	AS0029	Blue Ridge Surgery Center	0	6,935	0	6	0	0	0	0	0
Wake	AS0034	Raleigh Plastic Surgery Center, Inc.	0	220	0	1	0	0	0	0	0
Wake	AS0048	Southern Eye Associates Ophthalmic Surgery Center	0	463	0	2	0	0	0	0	0
Wake	AS0129	Rex Surgery Center of Cary, LLC	0	1,821	0	4	0	0	0	0	0
Wake	H0065	Rex Hospital, Inc.	6,564	22,410	3	3	24	-3	0	0	0
Wake	H0199	WakeMed	7,788	12,389	7	4	18	-3	-1	-4	0
Wake	H0238	Duke Raleigh Hospital	3,750	11,877	0	0	13	0	0	2	0
Wake	H0276	WakeMed Cary Hospital	1,961	6,145	2	0	9	-2	0	0	0
		Wake Total	20,063	62,260	12	20	64	-8	-1	13	0
Washington	H0006	Washington County Hospital	0	274	0	0	2	0	0	0	0
		Washington Total	0	274	0	0	2	0	0	0	0
Watauga	H0077	Watauga Medical Center, Inc.	971	3,362	1	0	6	-1	0	0	0

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

Case Data for 10/1/2010 through 9/30/2011 as reported on the 2012 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 ORs
Watauga	H0160	Blowing Rock Hospital	0	0	0	0	1	0	0	0	0
		Watauga Total	971	3,362	1	0	7	-1	0	0	0
Wayne	H0257	Wayne Memorial Hospital, Inc.	2,955	7,359	1	2	10	-1	0	1	0
		Wayne Total	2,955	7,359	1	2	10	-1	0	1	0
Wilkes	AS0046	Wilkes Regional Medical Center ASC	0	545	0	1	0	0	0	0	0
Wilkes	H0153	Wilkes Regional Medical Center	641	2,784	1	0	4	-1	0	0	0
		Wilkes Total	641	3,329	1	1	4	-1	0	0	0
Wilson	AS0005	Eastern Regional Surgical Center	0	1,403	0	4	0	0	0	0	0
Wilson	AS0007	Wilson OB-GYN	0	425	0	1	0	0	0	0	0
Wilson	H0210	Wilson Medical Center	1,330	2,974	1	0	9	-1	0	0	0
		Wilson Total	1,330	4,802	1	5	9	-1	0	0	0
Yadkin	H0155	Yadkin Valley Community Hospital	0	370	0	0	2	0	0	0	0
		Yadkin Total	0	370	0	0	2	0	0	0	0
		Grand Total	256,617	662,198	159	290	884	-90	-11	42	0

* Note: Duke University Hospital has a certificate of need (J-008030-07) for 16 operating rooms (ORs) under Policy AC-3. The 16 ORs are not counted when determining OR need.

Underutilized Facilities: Excluded from Need Determinations

License	Facility Name	Operating Rooms (ORs)
H0002	Vidant Pungo Hospital	Beaufort
AS0004	FEMCARE, Inc.	Buncombe
AS0062	Cleveland Ambulatory Services	Cleveland
AS0053	RMS Surgery Center	Dare
AS0021	Plastic Surgery Center of NC	Forsyth
AS0037	CaroMont Specialty Surgery	Gaston
AS0063	Piedmont Surgical Center	Guilford
AS0015	Carolina Birth Center	Guilford
AS0050	Iredell Surgical Center	Iredell
AS0010	Chapel Hill Surgical Center	Orange Swain
H0069	MedWest Swain	Wake
AS0048	Southern Eye Associates Ophthalmic Surgery Center	Wake
AS0034	Raleigh Plastic Surgery Center	Watauga
H0160	Blowing Rock Hospital	Wilson
AS0005	Surgecenter of Wilson	Wilson
AS0007	Wilson OB-GYN, PA	Wilson

Table 6B: Projected Operating Room Need for 2015

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.)	2011 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 hours)	Estimated Inpatient Hours	2011 Ambulatory Cases	Ambulatory Case Time Standard (1.5 hours)	Estimated Ambulatory Hours	2011 Total Estimated Hours
Alamance	1,984	3.0	5,952	7,823	1.5	11,735	17,686
Alexander	0	3.0	0	0	1.5	0	0
Alleghany	23	3.0	69	319	1.5	479	548
Anson	63	3.0	189	236	1.5	354	543
Ashe	182	3.0	546	462	1.5	693	1,239
Avery	158	3.0	474	418	1.5	627	1,101
<i>Beaufort</i>	608	3.0	1,824	2,334	1.5	3,501	5,325
<i>Hyde</i>	0	3.0	0	0	1.5	0	0
Beaufort Hyde	608	3.0	1,824	2,334	1.5	3,501	5,325
Bertie	2	3.0	6	413	1.5	620	626
Bladen	187	3.0	561	420	1.5	630	1,191
Brunswick	1,178	3.0	3,534	4,194	1.5	6,291	9,825
<i>Buncombe</i>	12,619	3.0	37,857	30,052	1.5	45,078	82,935
<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	12,619	3.0	37,857	30,052	1.5	45,078	82,935
Burke	1,411	3.0	4,233	6,598	1.5	9,897	14,130
Cabarrus	4,718	3.0	14,154	15,479	1.5	23,219	37,372
Caldwell	1,311	3.0	3,933	2,789	1.5	4,184	8,116
Carteret	1,731	3.0	5,193	4,369	1.5	6,554	11,746
Catawba	6,476	3.0	19,428	18,900	1.5	28,350	47,778
Chatham	46	3.0	138	159	1.5	239	376
<i>Cherokee</i>	459	3.0	1,377	2,136	1.5	3,204	4,581
<i>Clay</i>	0	3.0	0	0	1.5	0	0
Cherokee Clay	459	3.0	1,377	2,136	1.5	3,204	4,581
<i>Chowan</i>	460	3.0	1,380	1,171	1.5	1,757	3,136
<i>Tyrrell</i>	0	3.0	0	0	1.5	0	0
Chowan Tyrrell	460	3.0	1,380	1,171	1.5	1,757	3,136
Cleveland	2,157	3.0	6,471	7,826	1.5	11,739	18,210
Columbus	1,368	3.0	4,104	2,871	1.5	4,307	8,410
<i>Craven</i>	3,334	3.0	10,002	9,519	1.5	14,279	24,280
<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	3,334	3.0	10,002	9,519	1.5	14,279	24,280
<i>Cumberland</i>	6,618	3.0	19,854	19,387	1.5	29,081	48,934
<i>Hoke</i>	0	3.0	0	0	1.5	0	0
Cumberland Hoke	6,618	3.0	19,854	19,387	1.5	29,081	48,934
Dare	297	3.0	891	2,142	1.5	3,213	4,104
Davidson	1,273	3.0	3,819	6,433	1.5	9,650	13,468
Davie	0	3.0	0	276	1.5	414	414
Duplin	661	3.0	1,983	1,801	1.5	2,702	4,684
Durham	22,374	3.0	67,122	34,998	1.5	52,497	119,619
Edgecombe	929	3.0	2,787	898	1.5	1,347	4,134

Table 6B: Projected Operating Room Need for 2015

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 2011-2015 (Population)	2015 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x .08)	Projected ORs Needed in 2015	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
Alamance	2.54%	18,134.61	1,872	9.69	2	3	9
Alexander	2.61%	0.00	1,872	0.00	0	0	2
Alleghany	-3.34%	529.68	1,872	0.28	0	0	2
Anson	3.79%	563.57	1,872	0.30	0	0	2
Ashe	3.13%	1,277.81	1,872	0.68	0	0	2
Avery	-0.11%	1,099.83	1,872	0.59	0	0	2
<i>Beaufort</i>	2.19%	5,441.51	1,872	2.91	1	0	5
<i>Hyde</i>	0.07%	0.00	1,872	0.00	0	0	0
Beaufort Hyde	1.96%	5,429.28	1,872	2.90	1	0	5
Bertie	-1.44%	617.01	1,872	0.33	0	0	2
Bladen	-0.28%	1,187.71	1,872	0.63	0	0	2
Brunswick	7.52%	10,563.44	1,872	5.64	1	0	6
<i>Buncombe</i>	6.16%	88,041.26	1,872	47.03	21	17	13
<i>Madison</i>	4.40%	0.00	1,872	0.00	0	0	0
<i>Yancey</i>	2.87%	0.00	1,872	0.00	0	0	0
Buncombe Madison Yancey	5.82%	87,758.18	1,872	46.88	21	17	13
Burke	0.11%	14,144.95	1,872	7.56	1	2	9
Cabarrus	5.91%	39,582.12	1,872	21.14	4	6	17
Caldwell	0.56%	8,161.41	1,872	4.36	1	3	4
Carteret	5.73%	12,418.70	1,872	6.63	1	2	5
Catawba	1.68%	48,581.94	1,872	25.95	3	9	27
Chatham	7.81%	405.36	1,872	0.22	0	0	2
<i>Cherokee</i>	0.92%	4,622.95	1,872	2.47	0	0	4
<i>Clay</i>	0.17%	0.00	1,872	0.00	0	0	0
Cherokee Clay	0.71%	4,613.51	1,872	2.46	0	0	4
<i>Chowan</i>	0.92%	3,164.83	1,872	1.69	0	0	3
<i>Tyrrell</i>	-0.05%	0.00	1,872	0.00	0	0	0
Chowan Tyrrell	0.70%	3,157.96	1,872	1.69	0	0	3
Cleveland	0.64%	18,326.07	1,872	9.79	1	2	8
Columbus	0.24%	8,429.84	1,872	4.50	1	0	4
<i>Craven</i>	3.23%	25,064.39	1,872	13.39	3	6	9
<i>Jones</i>	1.55%	0.00	1,872	0.00	0	0	0
<i>Pamlico</i>	0.90%	0.00	1,872	0.00	0	0	0
Craven Jones Pamlico	2.86%	24,973.41	1,872	13.34	3	6	9
<i>Cumberland</i>	2.67%	50,238.59	1,872	26.84	5	11	17
<i>Hoke</i>	10.45%	0.00	1,872	0.00	0	0	0
Cumberland Hoke	3.15%	50,475.42	1,872	26.96	5	11	17
Dare	2.35%	4,200.55	1,872	2.24	1	0	2
Davidson	2.46%	13,799.17	1,872	7.37	1	0	9
Davie	2.72%	425.25	1,872	0.23	0	0	2
Duplin	5.50%	4,941.61	1,872	2.64	0	0	3
Durham	5.33%	126,000.26	1,872	67.31	6	17	53
Edgecombe	-1.16%	4,086.24	1,872	2.18	1	0	5

Table 6B: Projected Operating Room Need for 2015

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	-2.31	0
Alexander	0	0	0	2	-2.00	0
Alleghany	0	0	0	2	-1.72	0
Anson	0	0	0	2	-1.70	0
Ashe	0	0	0	2	-1.32	0
Avery	0	0	0	2	-1.41	0
<i>Beaufort</i>	-1	0	0	5	-2.09	0
<i>Hyde</i>	0	0	0	0	0.00	0
Beaufort Hyde	-1	0	0	5	-2.10	0
Bertie	0	0	0	2	-1.67	0
Bladen	0	0	0	2	-1.37	0
Brunswick	-1	0	0	6	-0.36	0
<i>Buncombe</i>	-2	1	0	48	-0.97	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	-1.12	0
Burke	-1	0	0	11	-3.44	0
Cabarrus	-2	0	0	25	-3.86	0
Caldwell	-1	0	0	7	-2.64	0
Carteret	-1	0	0	7	-0.37	0
Catawba	-1	0	0	38	-12.05	0
Chatham	0	0	0	2	-1.78	0
<i>Cherokee</i>	0	0	0	4	-1.53	0
<i>Clay</i>	0	0	0	0	0.00	0
Cherokee Clay	0	0	0	4	-1.54	0
<i>Chowan</i>	0	0	0	3	-1.31	0
<i>Tyrrell</i>	0	0	0	0	0.00	0
Chowan Tyrrell	0	0	0	3	-1.31	0
Cleveland	-1	0	0	10	-0.21	0
Columbus	-1	0	1	5	-0.50	0
<i>Craven</i>	-1	0	0	17	-3.61	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	-3.66	0
<i>Cumberland</i>	-3	0	2	32	-5.16	0
<i>Hoke</i>	0	0	0	0	0.00	0
Cumberland Hoke	-3	0	2	32	-5.04	0
Dare	-1	0	0	2	0.24	1
Davidson	-1	0	0	9	-1.63	0
Davie	0	0	0	2	-1.77	0
Duplin	0	0	0	3	-0.36	0
Durham	-2	1	18	91	-23.69	0
Edgecombe	-1	0	0	5	-2.82	0

Table 6B: Projected Operating Room Need for 2015

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.)	2011 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 hours)	Estimated Inpatient Hours	2011 Ambulatory Cases	Ambulatory Case Time Standard (1.5 hours)	Estimated Ambulatory Hours	2011 Total Estimated Hours
Forsyth	25,130	3.0	75,390	44,778	1.5	67,167	142,557
Franklin	92	3.0	276	742	1.5	1,113	1,389
Gaston	4,383	3.0	13,149	13,007	1.5	19,511	32,660
Granville	487	3.0	1,461	2,102	1.5	3,153	4,614
Guilford	16,469	3.0	49,407	44,314	1.5	66,471	115,878
<i>Halifax</i>	1,457	3.0	4,371	2,583	1.5	3,875	8,246
<i>Northampton</i>	0	3.0	0	0	1.5	0	0
Halifax Northampton	1,457	3.0	4,371	2,583	1.5	3,875	8,246
Harnett	646	3.0	1,938	2,738	1.5	4,107	6,045
Haywood	1,225	3.0	3,675	3,075	1.5	4,613	8,288
Henderson	2,666	3.0	7,998	9,244	1.5	13,866	21,864
Hertford	821	3.0	2,463	1,529	1.5	2,294	4,756
Iredell	3,890	3.0	11,670	13,370	1.5	20,055	31,725
<i>Graham</i>	0	3.0	0	0	1.5	0	0
<i>Jackson</i>	1,075	3.0	3,225	3,873	1.5	5,810	9,034
<i>Swain</i>	0	3.0	0	0	1.5	0	0
Jackson Graham Swain	1,075	3.0	3,225	3,873	1.5	5,810	9,034
Johnston	1,638	3.0	4,914	4,321	1.5	6,482	11,396
Lee	937	3.0	2,811	3,319	1.5	4,979	7,790
Lenoir	1,125	3.0	3,375	2,395	1.5	3,593	6,968
Lincoln	581	3.0	1,743	1,660	1.5	2,490	4,233
Macon	203	3.0	609	1,744	1.5	2,616	3,225
Martin	340	3.0	1,020	842	1.5	1,263	2,283
McDowell	305	3.0	915	1,071	1.5	1,607	2,522
Mecklenburg	32,951	3.0	98,853	90,921	1.5	136,382	235,234
Mitchell	295	3.0	885	640	1.5	960	1,845
Montgomery	5	3.0	15	95	1.5	143	158
<i>Hoke</i>	0	3.0	0	0	1.5	0	0
<i>Moore</i>	5,738	3.0	17,214	17,321	1.5	25,982	43,196
Moore Hoke	5,738	3.0	17,214	17,321	1.5	25,982	43,196
Nash	2,032	3.0	6,096	7,021	1.5	10,532	16,628
New Hanover	9,320	3.0	27,960	29,451	1.5	44,177	72,136
Onslow	1,565	3.0	4,695	4,099	1.5	6,149	10,844
Orange	11,579	3.0	34,737	16,813	1.5	25,220	59,956
<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>	1,005	3.0	3,015	4,592	1.5	6,888	9,903
<i>Perquimans</i>	0	3.0	0	0	1.5	0	0
Pasq-Cam-Cur-Gat-Perq	1,005	3.0	3,015	4,592	1.5	6,888	9,903
Pender	23	3.0	69	294	1.5	441	510

Table 6B: Projected Operating Room Need for 2015

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 2011-2015 (Population)	2015 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x .08)	Projected ORs Needed in 2015	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
Forsyth	3.52%	147,581.95	1,872	78.84	9	8	70
Franklin	7.88%	1,498.43	1,872	0.80	0	0	3
Gaston	2.96%	33,625.61	1,872	17.96	5	8	9
Granville	3.49%	4,775.02	1,872	2.55	0	0	3
Guilford	4.66%	121,280.78	1,872	64.79	7	39	47
<i>Halifax</i>	-1.30%	8,138.98	1,872	4.35	0	0	6
<i>Northampton</i>	-2.21%	0.00	1,872	0.00	0	0	0
Halifax Northampton	-1.56%	8,117.40	1,872	4.34	0	0	6
Harnett	9.70%	6,631.48	1,872	3.54	0	0	4
Haywood	3.36%	8,566.70	1,872	4.58	0	0	7
Henderson	6.45%	23,275.26	1,872	12.43	1	0	16
Hertford	0.25%	4,768.05	1,872	2.55	1	0	5
Iredell	4.35%	33,105.39	1,872	17.68	3	3	22
<i>Graham</i>	4.19%	0.00	1,872	0.00	0	0	0
<i>Jackson</i>	6.92%	9,658.94	1,872	5.16	0	0	6
<i>Swain</i>	4.50%	0.00	1,872	0.00	0	0	1
Jackson Graham Swain	6.00%	9,575.66	1,872	5.12	0	0	7
Johnston	6.71%	12,161.24	1,872	6.50	1	2	5
Lee	2.79%	8,007.65	1,872	4.28	1	0	5
Lenoir	-0.40%	6,940.16	1,872	3.71	1	0	9
Lincoln	3.14%	4,365.95	1,872	2.33	1	1	3
Macon	6.16%	3,423.78	1,872	1.83	1	0	6
Martin	-3.15%	2,211.05	1,872	1.18	0	0	2
McDowell	1.87%	2,569.04	1,872	1.37	1	0	3
Mecklenburg	7.33%	252,478.63	1,872	134.87	22	36	108
Mitchell	-0.39%	1,837.74	1,872	0.98	0	0	3
Montgomery	3.06%	162.84	1,872	0.09	0	0	2
<i>Hoke</i>	10.45%	0.00	1,872	0.00	0	0	0
<i>Moore</i>	4.24%	45,027.83	1,872	24.05	2	13	12
Moore Hoke	5.37%	45,515.63	1,872	24.31	2	13	12
Nash	1.62%	16,897.52	1,872	9.03	1	0	13
New Hanover	6.68%	76,956.60	1,872	41.11	5	16	22
Onslow	8.14%	11,726.34	1,872	6.26	1	4	4
Orange	5.84%	63,459.06	1,872	33.90	6	8	29
<i>Camden</i>	-3.40%	0.00	1,872	0.00	0	0	0
<i>Currituck</i>	-0.13%	0.00	1,872	0.00	0	0	0
<i>Gates</i>	-3.81%	0.00	1,872	0.00	0	0	0
<i>Pasquotank</i>	-0.53%	9,850.10	1,872	5.26	2	0	8
<i>Perquimans</i>	1.39%	0.00	1,872	0.00	0	0	0
Pasq-Cam-Cur-Gat-Perq	-0.85%	9,818.39	1,872	5.24	2	0	8
Pender	6.74%	544.40	1,872	0.29	0	0	2

Table 6B: Projected Operating Room Need for 2015

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
Forsyth	-2	2	-5	79	-0.16	0
Franklin	0	0	1	4	-3.20	0
Gaston	-4	0	0	18	-0.04	0
Granville	0	0	0	3	-0.45	0
Guilford	-1	1	1	92	-27.21	0
<i>Halifax</i>	0	0	0	6	-1.65	0
<i>Northampton</i>	0	0	0	0	0.00	0
Halifax Northampton	0	0	0	6	-1.66	0
Harnett	0	0	6	10	-6.46	0
Haywood	0	0	0	7	-2.42	0
Henderson	-1	0	0	16	-3.57	0
Hertford	-1	0	0	5	-2.45	0
Iredell	-3	0	0	25	-7.32	0
<i>Graham</i>	0	0	0	0	0.00	0
<i>Jackson</i>	0	0	0	6	-0.84	0
<i>Swain</i>	0	0	0	1	-1.00	0
Jackson Graham Swain	0	0	0	7	-1.88	0
Johnston	-1	0	1	8	-1.50	0
Lee	-1	0	1	6	-1.72	0
Lenoir	-1	0	0	9	-5.29	0
Lincoln	-1	0	0	4	-1.67	0
Macon	-1	0	0	6	-4.17	0
Martin	0	0	0	2	-0.82	0
McDowell	-1	0	0	3	-1.63	0
Mecklenburg	-13	1	-1	151	-16.13	0
Mitchell	0	0	0	3	-2.02	0
Montgomery	0	0	0	2	-1.91	0
<i>Hoke</i>	0	0	0	0	0.00	0
<i>Moore</i>	0	0	0	27	-2.95	0
Moore Hoke	0	0	0	27	-2.69	0
Nash	-1	0	0	13	-3.97	0
New Hanover	-3	1	2	41	0.11	0
Onslow	-1	0	0	8	-1.74	0
Orange	-3	2	0	39	-5.10	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	-2.74	0
<i>Perquimans</i>	0	0	0	0	0.00	0
Pasq-Cam-Cur-Gat-Perq	-2	0	0	8	-2.76	0
Pender	0	0	0	2	-1.71	0

Table 6B: Projected Operating Room Need for 2015

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.)	2011 Inpatient Cases (without exclusions)	Inpatient Case Time Standard (3 hours)	Estimated Inpatient Hours	2011 Ambulatory Cases	Ambulatory Case Time Standard (1.5 hours)	Estimated Ambulatory Hours	2011 Total Estimated Hours
<i>Caswell</i>	0	3.0	0	0	1.5	0	0
<i>Person</i>	482	3.0	1,446	1,513	1.5	2,270	3,716
Person Caswell	482	3.0	1,446	1,513	1.5	2,270	3,716
<i>Greene</i>	0	3.0	0	0	1.5	0	0
<i>Pitt</i>	11,110	3.0	33,330	20,907	1.5	31,361	64,690
Pitt Greene	11,110	3.0	33,330	20,907	1.5	31,361	64,690
Polk	318	3.0	954	709	1.5	1,064	2,018
Randolph	1,125	3.0	3,375	3,153	1.5	4,730	8,104
Richmond	738	3.0	2,214	1,766	1.5	2,649	4,863
Robeson	2,041	3.0	6,123	4,064	1.5	6,096	12,219
Rockingham	2,516	3.0	7,548	3,900	1.5	5,850	13,398
Rowan	2,725	3.0	8,175	7,937	1.5	11,906	20,080
Rutherford	1,283	3.0	3,849	1,847	1.5	2,771	6,620
Sampson	731	3.0	2,193	1,444	1.5	2,166	4,359
Scotland	1,201	3.0	3,603	3,100	1.5	4,650	8,253
Stanly	502	3.0	1,506	2,298	1.5	3,447	4,953
Stokes	0	3.0	0	424	1.5	636	636
Surry	2,007	3.0	6,021	4,935	1.5	7,403	13,424
Transylvania	447	3.0	1,341	1,982	1.5	2,973	4,314
Union	1,896	3.0	5,688	6,068	1.5	9,102	14,790
<i>Vance</i>	925	3.0	2,775	2,018	1.5	3,027	5,802
<i>Warren</i>	0	3.0	0	0	1.5	0	0
Vance Warren	925	3.0	2,775	2,018	1.5	3,027	5,802
Wake	20,063	3.0	60,189	62,260	1.5	93,390	153,579
Washington	0	3.0	0	274	1.5	411	411
Watauga	971	3.0	2,913	3,362	1.5	5,043	7,956
Wayne	2,955	3.0	8,865	7,359	1.5	11,039	19,904
Wilkes	641	3.0	1,923	3,329	1.5	4,994	6,916
Wilson	1,330	3.0	3,990	4,802	1.5	7,203	11,193
Yadkin	0	3.0	0	370	1.5	555	555
State Total	256,617			662,198			

Table 6B: Projected Operating Room Need for 2015

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 2011-2015 (Population)	2015 Projected Surgical Hours	Standard Hours per OR per Year (9 hours x 260 days x .08)	Projected ORs Needed in 2015	Number of Inpatient Operating Rooms	Number of Ambulatory Operating Rooms	Number of Shared Operating Rooms
<i>Caswell</i>	0.26%	0.00	1,872	0.00	0	0	0
<i>Person</i>	5.03%	3,903.02	1,872	2.08	1	0	4
Person Caswell	3.25%	3,836.77	1,872	2.05	1	0	4
<i>Greene</i>	0.77%	0.00	1,872	0.00	0	0	0
<i>Pitt</i>	4.77%	67,778.55	1,872	36.21	7	10	26
Pitt Greene	4.33%	67,488.09	1,872	36.05	7	10	26
Polk	0.15%	2,021.06	1,872	1.08	0	0	3
Randolph	2.80%	8,330.73	1,872	4.45	1	2	5
Richmond	0.07%	4,866.24	1,872	2.60	1	0	6
Robeson	0.52%	12,282.98	1,872	6.56	1	0	9
Rockingham	-0.29%	13,358.90	1,872	7.14	1	0	9
Rowan	-0.10%	20,058.95	1,872	10.72	2	3	8
Rutherford	2.80%	6,805.36	1,872	3.64	0	0	5
Sampson	1.46%	4,422.46	1,872	2.36	0	0	8
Scotland	-5.45%	7,803.57	1,872	4.17	1	0	5
Stanly	2.55%	5,079.31	1,872	2.71	1	0	5
Stokes	1.47%	645.38	1,872	0.34	0	2	2
Surry	-0.22%	13,394.81	1,872	7.16	2	0	9
Transylvania	2.73%	4,431.85	1,872	2.37	0	0	4
Union	6.71%	15,782.51	1,872	8.43	0	2	6
<i>Vance</i>	1.33%	5,878.92	1,872	3.14	0	0	5
<i>Warren</i>	0.05%	0.00	1,872	0.00	0	0	0
Vance Warren	0.93%	5,855.71	1,872	3.13	0	0	5
Wake	8.33%	166,364.73	1,872	88.87	12	17	64
Washington	-1.31%	405.62	1,872	0.22	0	0	2
Watauga	5.78%	8,416.01	1,872	4.50	1	0	7
Wayne	2.61%	20,423.84	1,872	10.91	1	2	10
Wilkes	1.55%	7,023.23	1,872	3.75	1	1	4
Wilson	3.68%	11,605.07	1,872	6.20	1	0	9
Yadkin	0.78%	559.30	1,872	0.30	0	0	2
State Total					159	255	882

Table 6B: Projected Operating Room Need for 2015

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>Caswell</i>	0	0	0	0	0.00	0
<i>Person</i>	-1	0	0	4	-1.92	0
Person Caswell	-1	0	0	4	-1.95	0
<i>Greene</i>	0	0	0	0	0.00	0
<i>Pitt</i>	-4	1	0	38	-1.79	0
Pitt Greene	-4	1	0	38	-1.95	0
Polk	0	0	0	3	-1.92	0
Randolph	-1	0	0	7	-2.55	0
Richmond	-1	0	0	6	-3.40	0
Robeson	0	0	0	10	-3.44	0
Rockingham	-1	0	0	9	-1.86	0
Rowan	-2	0	0	11	-0.28	0
Rutherford	0	0	0	5	-1.36	0
Sampson	0	0	0	8	-5.64	0
Scotland	-1	0	0	5	-0.83	0
Stanly	-1	0	0	5	-2.29	0
Stokes	0	0	0	4	-3.66	0
Surry	-2	0	0	9	-1.84	0
Transylvania	0	0	0	4	-1.63	0
Union	0	0	1	9	-0.57	0
<i>Vance</i>	0	0	0	5	-1.86	0
<i>Warren</i>	0	0	0	0	0.00	0
Vance Warren	0	0	0	5	-1.87	0
Wake	-8	1	13	97	-8.13	0
Washington	0	0	0	2	-1.78	0
Watauga	-1	0	0	7	-2.50	0
Wayne	-1	0	1	13	-2.09	0
Wilkes	-1	0	0	5	-1.25	0
Wilson	-1	0	0	9	-2.80	0
Yadkin	0	0	0	2	-1.70	0
State Total	-90	11	42	1,239		1

Table 6C: Operating Room Need Determinations
(Proposed for Certificate of Need Review Commencing in 2013)

It is determined that the Operating Room Service Area 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
Dare	1	To be determined	To be determined
It is determined that there is no need for additional operating rooms anywhere else in the state and no other reviews are scheduled.			

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

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

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

Operating Room Service Area	Provider	ORs
Charlotte Area (Mecklenburg, Cabarrus, Union counties)	2010 Need Determination	2
Triad Area (Guilford, Forsyth counties)	Piedmont Outpatient Surgery Center	2
Triangle Area (Wake, Durham, Orange counties)	Triangle Orthopaedics Surgery Center	2
The North Carolina 2010 State Medical Facilities Plan included need determinations for a Single Specialty Ambulatory Surgery Demonstration Project, consisting of three facilities with two operating rooms each to be located in the Charlotte Area (Mecklenburg, Cabarrus, Union counties), Triad Area (Guilford, Forsyth counties), and the Triangle Area (Wake, Durham, Orange counties). On 9/28/2010, CON #G-008477-10 was awarded to Piedmont Outpatient Surgery Center LLC and Stratford Executive Associates LLC to develop a single-specialty ENT ambulatory surgical facility in the Triad area. 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.		

ATTACHMENT 3

ATTACHMENT 3

- Chem Dep
- N. Newborn
- Psych
- Rehab

State Inpatient PivotTable Report - Market Share by Hospital
 Database: Inpatient NC (MS-DRG) 10/01/2010 - 09/30/2011
 Area Selection: 13 Cnty PSA & SSA Excluding SC Counties
 Selected Hospital: First Health Moore Regional Hospital
 ** Normal Newborns are Included

County	Cumberland
Payor	(All)
DRG Product Line	(All)
DRG	(All)

HospitalName	Data		
	Patients	% Down	Total Days
Angel Medical Center	1	0.0%	3
Annie Penn Hospital	1	0.0%	4
Betsy Johnson Memorial Hospital	229	0.8%	907
Brunswick Hospital	6	0.0%	8
Brynn Marr Hospital	1	0.0%	10
Cape Fear Valley Health System	23,851	85.6%	127,015
Cape Fear Valley-Bladen County Hospital	12	0.0%	41
CarolinaEast Medical Center	3	0.0%	10
Carolinas HealthCare System Carolinas Me	29	0.1%	189
Carolinas HealthCare System University H	5	0.0%	12
Carolinas Medical Center Northeast	3	0.0%	17
CaroMont Health Inc.	5	0.0%	14
Carteret County General Hospital	1	0.0%	1
Central Carolina Hospital	30	0.1%	76
Columbus Regional Healthcare System	4	0.0%	12
Cone Health	24	0.1%	86
Duke Raleigh	55	0.2%	258
Duke University Medical Center	933	3.3%	6,995
Duplin General Hospital	3	0.0%	3
Durham Regional Hospital	27	0.1%	124
First Health Moore Regional Hospital	433	1.6%	1,690
Forsyth Memorial Hospital	5	0.0%	50
Frye Regional Medical Center	1	0.0%	3
Grace Hospital	1	0.0%	5
Halifax Regional Medical Center	1	0.0%	2
High Point Regional Hospital	14	0.1%	31
Highsmith-Rainey Specialty Hospital	200	0.7%	12,722
J. Arthur Doshier Memorial Hospital	1	0.0%	2
Johnston Medical Center-Smithfield	15	0.1%	39
Kindred Hospital of Greensboro	5	0.0%	138
Lake Norman Regional Medical Center	1	0.0%	1
Lenoir Memorial Hospital	2	0.0%	5
Margaret R. Pardee Memorial Hospital	1	0.0%	2
Mercy Hospital	4	0.0%	9
Mission Health System	5	0.0%	21
Morehead Memorial Hospital	1	0.0%	3
Nash Health Care System	4	0.0%	16

New Hanover Regional Medical Center	39	0.1%	271
North Carolina Specialty Hospital	10	0.0%	17
Onslow Memorial Hospital	2	0.0%	10
Park Ridge Health	2	0.0%	4
Pitt County Memorial Hospital	49	0.2%	376
Presbyterian Hospital	5	0.0%	20
Presbyterian Hospital Huntersville	2	0.0%	8
Presbyterian Hospital Matthews	1	0.0%	3
Presbyterian Orthopaedic Hospital	1	0.0%	4
Psychiatric Solutions of NC dba: Holly H	2	0.0%	15
Randolph Hospital	1	0.0%	3
Rex Healthcare	63	0.2%	233
Roanoke-Chowan Hospital	2	0.0%	3
Sampson County Memorial Hospital	24	0.1%	79
Sandhills Regional Medical Center	2	0.0%	5
Scotland Health Care System	15	0.1%	53
Select Specialty Hospital - Durham	6	0.0%	226
Southeastern Regional Medical Center	109	0.4%	423
Stanly Regional Medical Center	1	0.0%	1
The McDowell Hospital	1	0.0%	3
The North Carolina Baptist Hospital	34	0.1%	206
Transylvania Regional Hospital	1	0.0%	1
Union Regional Medical Center	3	0.0%	5
University of North Carolina Hospitals	1,421	5.1%	10,183
WakeMed	135	0.5%	852
WakeMed Cary	15	0.1%	65
Watauga Medical Center	1	0.0%	4
Wayne Memorial Hospital	7	0.0%	27
Wilson Memorial Hospital	1	0.0%	4
Grand Total	27,872	100.0%	163,628

000327

State Inpatient PivotTable Report - Market Share by Hospital
 Database: Inpatient NC (MS-DRG) 10/01/2010 - 09/30/2011
 Area Selection: 13 Cnty PSA & SSA Excluding SC Counties
 Selected Hospital: First Health Moore Regional Hospital
 ** Normal Newborns are Included

- Chem Dep
- N. Newborn
- Psych
- Rehab

County	Hoke
Payor	(All)
DRG Product Line	(All)
DRG	(All)

HospitalName	Data		
	Patients	% Down	Total Days
Cape Fear Valley Health System	1,592	42.5%	7,604
Carolinas HealthCare System Carolinas Me	11	0.3%	62
Carolinas HealthCare System University H	1	0.0%	4
Carolinas Medical Center Northeast	1	0.0%	1
Carteret County General Hospital	1	0.0%	4
Catawba Valley Medical Center	1	0.0%	1
Cone Health	1	0.0%	4
Duke Raleigh	6	0.2%	32
Duke University Medical Center	77	2.1%	594
Durham Regional Hospital	5	0.1%	25
First Health Moore Regional Hospital	1,732	46.3%	7,503
First Health Richmond Memorial Hospital	3	0.1%	3
Forsyth Memorial Hospital	8	0.2%	42
Highsmith-Rainey Specialty Hospital	13	0.3%	684
Iredell Health System	5	0.1%	29
Johnston Medical Center-Smithfield	1	0.0%	1
Kindred Hospital of Greensboro	2	0.1%	368
Medical Park Hospital	1	0.0%	2
Mission Health System	1	0.0%	12
New Hanover Regional Medical Center	3	0.1%	6
North Carolina Specialty Hospital	1	0.0%	3
Onslow Memorial Hospital	1	0.0%	1
Pitt County Memorial Hospital	5	0.1%	26
Presbyterian Hospital	2	0.1%	4
Presbyterian Hospital Huntersville	1	0.0%	4
Rex Healthcare	6	0.2%	34
Rutherford Hospital	1	0.0%	1
Sandhills Regional Medical Center	2	0.1%	5
Scotland Health Care System	27	0.7%	95
Select Specialty Hospital - Durham	2	0.1%	51
Select Specialty Hospital - Greensboro	1	0.0%	96
Southeastern Regional Medical Center	21	0.6%	67
The North Carolina Baptist Hospital	8	0.2%	53
University of North Carolina Hospitals	190	5.1%	1,550
WakeMed	8	0.2%	112
WakeMed Cary	1	0.0%	2
Grand Total	3,742	100.0%	19,085

State Inpatient PivotTable Report - Market Share by Hospital
 Database: Inpatient NC (MS-DRG) 10/01/2010 - 09/30/2011
 Area Selection: 13 Cnty PSA & SSA Excluding SC Counties
 Selected Hospital: First Health Moore Regional Hospital
 ** Normal Newborns are Included

- Chem Dep
 - N. Newborn
 - Psych
 - Rehab

County	Robeson
Payor	(All)
DRG Product Line	(All)
DRG	(All)

HospitalName	Data		
	Patients	% Down	Total Days
Betsy Johnson Memorial Hospital	4	0.0%	14
Brunswick Hospital	4	0.0%	13
Cape Fear Valley Health System	2,089	10.5%	11,704
Cape Fear Valley-Bladen County Hospital	34	0.2%	94
CarolinaEast Medical Center	1	0.0%	7
Carolinas HealthCare System Carolinas Me	119	0.6%	916
Carolinas HealthCare System Charlotte In	1	0.0%	61
Carolinas HealthCare System University H	5	0.0%	26
Carolinas Medical Center Northeast	11	0.1%	114
Carolinas Specialty Hospital	1	0.0%	18
CaroMont Health Inc.	2	0.0%	5
Central Carolina Hospital	2	0.0%	7
Columbus Regional Healthcare System	43	0.2%	218
Cone Health	5	0.0%	19
Duke Raleigh	40	0.2%	127
Duke University Medical Center	838	4.2%	6,707
Duplin General Hospital	2	0.0%	4
Durham Regional Hospital	34	0.2%	506
First Health Moore Regional Hospital	1,278	6.4%	5,513
First Health Richmond Memorial Hospital	1	0.0%	1
Forsyth Memorial Hospital	3	0.0%	33
Granville Health System	1	0.0%	2
Halifax Regional Medical Center	1	0.0%	4
High Point Regional Hospital	3	0.0%	9
Highsmith-Rainey Specialty Hospital	66	0.3%	2,555
Iredell Health System	1	0.0%	2
J. Arthur Doshier Memorial Hospital	2	0.0%	5
Johnston Medical Center-Smithfield	3	0.0%	10
Margaret R. Pardee Memorial Hospital	1	0.0%	1
MedWest Haywood	2	0.0%	5
Mercy Hospital	7	0.0%	31
Mission Health System	4	0.0%	16
Nash Health Care System	2	0.0%	6
New Hanover Regional Medical Center	91	0.5%	566
North Carolina Specialty Hospital	5	0.0%	11
Pitt County Memorial Hospital	16	0.1%	181
Presbyterian Hospital	5	0.0%	21

Presbyterian Hospital Huntersville	1	0.0%	1
Presbyterian Hospital Matthews	2	0.0%	4
Rex Healthcare	29	0.1%	132
Rowan Regional Medical Center	1	0.0%	3
Sampson County Memorial Hospital	2	0.0%	7
Sandhills Regional Medical Center	17	0.1%	62
Scotland Health Care System	1,730	8.7%	5,925
Select Specialty Hospital - Durham	3	0.0%	60
Select Specialty Hospital - Greensboro	4	0.0%	89
Southeastern Regional Medical Center	12,742	63.7%	54,067
The North Carolina Baptist Hospital	16	0.1%	70
Transylvania Regional Hospital	1	0.0%	1
Union Regional Medical Center	1	0.0%	4
University of North Carolina Hospitals	679	3.4%	4,993
WakeMed	26	0.1%	203
WakeMed Cary	5	0.0%	11
Wayne Memorial Hospital	2	0.0%	3
Grand Total	19,988	100.0%	95,167

000330

State Inpatient PivotTable Report - Market Share by Hospital
 Database: Inpatient NC (MS-DRG) 10/01/2010 - 09/30/2011
 Area Selection: 13 Cnty PSA & SSA Excluding SC Counties
 Selected Hospital: First Health Moore Regional Hospital
 ** Normal Newborns are Included

- Chem Dep
 - N Newborn
 - Psych
 - Rehab

County	Scotland
Payor	(All)
DRG Product Line	(All)
DRG	(All)

HospitalName	Data		
	Patients	% Down	Total Days
Anson County Hospital	1	0.0%	2
Brunswick Hospital	1	0.0%	2
Cape Fear Valley Health System	79	1.6%	607
Carolinas HealthCare System Carolinas Me	149	2.9%	1,315
Carolinas HealthCare System University H	3	0.1%	10
Carolinas Medical Center Northeast	12	0.2%	91
Carolinas Specialty Hospital	3	0.1%	107
CaroMont Health Inc.	1	0.0%	4
Cone Health	2	0.0%	7
Duke Raleigh	4	0.1%	14
Duke University Medical Center	91	1.8%	553
Durham Regional Hospital	7	0.1%	64
First Health Moore Regional Hospital	858	16.9%	3,926
First Health Richmond Memorial Hospital	37	0.7%	100
Highsmith-Rainey Specialty Hospital	9	0.2%	1,304
Mercy Hospital	14	0.3%	53
Mission Health System	1	0.0%	6
Nash Health Care System	1	0.0%	2
New Hanover Regional Medical Center	9	0.2%	52
Presbyterian Hospital	3	0.1%	23
Presbyterian Orthopaedic Hospital	1	0.0%	7
Rex Healthcare	5	0.1%	12
Sandhills Regional Medical Center	311	6.1%	1,168
Scotland Health Care System	3,177	62.7%	11,554
Select Specialty Hospital - Durham	2	0.0%	49
Select Specialty Hospital - Greensboro	2	0.0%	2
Southeastern Regional Medical Center	78	1.5%	314
The North Carolina Baptist Hospital	9	0.2%	58
Thomasville Medical Center	1	0.0%	5
Union Regional Medical Center	2	0.0%	4
University of North Carolina Hospitals	192	3.8%	1,495
WakeMed	3	0.1%	4
WakeMed Cary	2	0.0%	9
Watauga Medical Center	1	0.0%	4
Grand Total	5,071	100.0%	22,927

-12 exclusions

State Inpatient PivotTable Report - Market Share by Hospital
Database: Inpatient NC (MS-DRG) 10/01/2010 - 09/30/2011
Area Selection: 13 Cnty PSA & SSA Excluding SC Counties
Selected Hospital: First Health Moore Regional Hospital
**** Normal Newborns are Included**

County	Cumberland
Payor	(All)
DRG Product Line	(All)
DRG	(All)

HospitalName	Data		
	Patients	% Down	Total Days
Angel Medical Center	1	0.0%	3
Annie Penn Hospital	1	0.0%	4
Betsy Johnson Memorial Hospital	195	0.9%	813
Brunswick Hospital	6	0.0%	8
Brynn Marr Hospital	1	0.0%	10
Cape Fear Valley Health System	17,854	84.6%	95,624
Cape Fear Valley-Bladen County Hospital	6	0.0%	23
CarolinaEast Medical Center	3	0.0%	10
Carolinas HealthCare System Carolinas Me	26	0.1%	155
Carolinas HealthCare System University H	4	0.0%	10
Carolinas Medical Center Northeast	2	0.0%	13
CaroMont Health Inc.	3	0.0%	8
Carteret County General Hospital	1	0.0%	1
Central Carolina Hospital	18	0.1%	53
Columbus Regional Healthcare System	4	0.0%	12
Cone Health	21	0.1%	79
Duke Raleigh	42	0.2%	168
Duke University Medical Center	702	3.3%	4,373
Duplin General Hospital	1	0.0%	1
Durham Regional Hospital	27	0.1%	124
First Health Moore Regional Hospital	369	1.7%	1,360
Forsyth Memorial Hospital	3	0.0%	18
Grace Hospital	1	0.0%	5
High Point Regional Hospital	10	0.0%	20
Highsmith-Rainey Specialty Hospital	191	0.9%	10,196
J. Arthur Doshier Memorial Hospital	1	0.0%	2
Johnston Medical Center-Smithfield	12	0.1%	33
Kindred Hospital of Greensboro	5	0.0%	138
Lake Norman Regional Medical Center	1	0.0%	1
Lenoir Memorial Hospital	2	0.0%	5
Margaret R. Pardee Memorial Hospital	1	0.0%	2
Mercy Hospital	4	0.0%	9
Mission Health System	3	0.0%	16
Nash Health Care System	3	0.0%	14
New Hanover Regional Medical Center	32	0.2%	184
North Carolina Specialty Hospital	10	0.0%	17
Onslow Memorial Hospital	1	0.0%	8

Park Ridge Health	2	0.0%	4
Pitt County Memorial Hospital	38	0.2%	264
Presbyterian Hospital	5	0.0%	20
Presbyterian Hospital Huntersville	2	0.0%	8
Presbyterian Hospital Matthews	1	0.0%	3
Presbyterian Orthopaedic Hospital	1	0.0%	4
Psychiatric Solutions of NC dba: Holly H	2	0.0%	15
Randolph Hospital	1	0.0%	3
Rex Healthcare	57	0.3%	162
Sampson County Memorial Hospital	20	0.1%	65
Sandhills Regional Medical Center	2	0.0%	5
Scotland Health Care System	14	0.1%	50
Select Specialty Hospital - Durham	6	0.0%	226
Southeastern Regional Medical Center	95	0.5%	384
Stanly Regional Medical Center	1	0.0%	1
The McDowell Hospital	1	0.0%	3
The North Carolina Baptist Hospital	32	0.2%	200
Transylvania Regional Hospital	1	0.0%	1
Union Regional Medical Center	2	0.0%	3
University of North Carolina Hospitals	1,139	5.4%	6,891
WakeMed	98	0.5%	464
WakeMed Cary	14	0.1%	63
Watauga Medical Center	1	0.0%	4
Wayne Memorial Hospital	7	0.0%	27
Wilson Memorial Hospital	1	0.0%	4
Grand Total	21,110	100.0%	122,394

000333

State Inpatient PivotTable Report - Market Share by Hospital
 Database: Inpatient NC (MS-DRG) 10/01/2010 - 09/30/2011
 Area Selection: 13 Cnty PSA & SSA Excluding SC Counties
 Selected Hospital: First Health Moore Regional Hospital
 ** Normal Newborns are Included

-12 exclusions

County	Hoke
Payor	(All)
DRG Product Line	(All)
DRG	(All)

HospitalName	Data		
	Patients	% Down	Total Days
Cape Fear Valley Health System	955	34.1%	4,846
Carolinas HealthCare System Carolinas Me	9	0.3%	42
Carolinas HealthCare System University H	1	0.0%	4
Carolinas Medical Center Northeast	1	0.0%	1
Carteret County General Hospital	1	0.0%	4
Cone Health	1	0.0%	4
Duke Raleigh	5	0.2%	27
Duke University Medical Center	62	2.2%	425
Durham Regional Hospital	5	0.2%	25
First Health Moore Regional Hospital	1,514	54.0%	6,538
First Health Richmond Memorial Hospital	3	0.1%	3
Forsyth Memorial Hospital	3	0.1%	14
Highsmith-Rainey Specialty Hospital	12	0.4%	454
Iredell Health System	3	0.1%	25
Johnston Medical Center-Smithfield	1	0.0%	1
Kindred Hospital of Greensboro	2	0.1%	368
Medical Park Hospital	1	0.0%	2
Mission Health System	1	0.0%	12
New Hanover Regional Medical Center	3	0.1%	6
North Carolina Specialty Hospital	1	0.0%	3
Onslow Memorial Hospital	1	0.0%	1
Pitt County Memorial Hospital	2	0.1%	3
Presbyterian Hospital	2	0.1%	4
Presbyterian Hospital Huntersville	1	0.0%	4
Rex Healthcare	6	0.2%	34
Rutherford Hospital	1	0.0%	1
Sandhills Regional Medical Center	2	0.1%	5
Scotland Health Care System	26	0.9%	93
Select Specialty Hospital - Durham	2	0.1%	51
Select Specialty Hospital - Greensboro	1	0.0%	96
Southeastern Regional Medical Center	13	0.5%	41
The North Carolina Baptist Hospital	7	0.2%	48
University of North Carolina Hospitals	148	5.3%	860
WakeMed	6	0.2%	42
WakeMed Cary	1	0.0%	2
Grand Total	2,803	100.0%	14,089

000334

State Inpatient PivotTable Report - Market Share by Hospital
 Database: Inpatient NC (MS-DRG) 10/01/2010 - 09/30/2011
 Area Selection: 13 Cnty PSA & SSA Excluding SC Counties
 Selected Hospital: First Health Moore Regional Hospital
 ** Normal Newborns are Included

-12 exclusions

County	Robeson
Payor	(All)
DRG Product Line	(All)
DRG	(All)

HospitalName	Data		
	Patients	% Down	Total Days
Betsy Johnson Memorial Hospital	1	0.0%	9
Brunswick Hospital	4	0.0%	13
Cape Fear Valley Health System	1,407	8.7%	6,914
Cape Fear Valley-Bladen County Hospital	17	0.1%	48
CarolinaEast Medical Center	1	0.0%	7
Carolinas HealthCare System Carolinas Me	97	0.6%	570
Carolinas HealthCare System Charlotte In	1	0.0%	61
Carolinas HealthCare System University H	5	0.0%	26
Carolinas Medical Center Northeast	10	0.1%	105
Carolinas Specialty Hospital	1	0.0%	18
CaroMont Health Inc.	2	0.0%	5
Central Carolina Hospital	1	0.0%	3
Columbus Regional Healthcare System	43	0.3%	218
Cone Health	5	0.0%	19
Duke Raleigh	37	0.2%	113
Duke University Medical Center	626	3.9%	4,255
Durham Regional Hospital	34	0.2%	506
First Health Moore Regional Hospital	1,091	6.8%	4,449
First Health Richmond Memorial Hospital	1	0.0%	1
Forsyth Memorial Hospital	3	0.0%	33
Granville Health System	1	0.0%	2
Halifax Regional Medical Center	1	0.0%	4
High Point Regional Hospital	2	0.0%	8
Highsmith-Rainey Specialty Hospital	65	0.4%	2,333
Iredell Health System	1	0.0%	2
J. Arthur Doshier Memorial Hospital	2	0.0%	5
Johnston Medical Center-Smithfield	2	0.0%	8
Margaret R. Pardee Memorial Hospital	1	0.0%	1
MedWest Haywood	2	0.0%	5
Mercy Hospital	5	0.0%	20
Mission Health System	4	0.0%	16
Nash Health Care System	2	0.0%	6
New Hanover Regional Medical Center	55	0.3%	295
North Carolina Specialty Hospital	5	0.0%	11
Pitt County Memorial Hospital	12	0.1%	114
Presbyterian Hospital	4	0.0%	19
Presbyterian Hospital Huntersville	1	0.0%	1

000335

Presbyterian Hospital Matthews	2	0.0%	4
Rex Healthcare	28	0.2%	131
Rowan Regional Medical Center	1	0.0%	3
Sampson County Memorial Hospital	1	0.0%	3
Sandhills Regional Medical Center	17	0.1%	62
Scotland Health Care System	1,447	9.0%	4,994
Select Specialty Hospital - Durham	3	0.0%	60
Select Specialty Hospital - Greensboro	4	0.0%	89
Southeastern Regional Medical Center	10,524	65.1%	46,148
The North Carolina Baptist Hospital	16	0.1%	70
Transylvania Regional Hospital	1	0.0%	1
Union Regional Medical Center	1	0.0%	4
University of North Carolina Hospitals	538	3.3%	3,527
WakeMed	16	0.1%	119
WakeMed Cary	4	0.0%	8
Wayne Memorial Hospital	2	0.0%	3
Grand Total	16,157	100.0%	75,449

000336

State Inpatient PivotTable Report - Market Share by Hospital
 Database: Inpatient NC (MS-DRG) 10/01/2010 - 09/30/2011
 Area Selection: 13 Cnty PSA & SSA Excluding SC Counties
 Selected Hospital: First Health Moore Regional Hospital
 ** Normal Newborns are Included

-12 exclusions

County	Scotland
Payor	(All)
DRG Product Line	(All)
DRG	(All)

HospitalName	Data		
	Patients	% Down	Total Days
Anson County Hospital	1	0.0%	2
Brunswick Hospital	1	0.0%	2
Cape Fear Valley Health System	51	1.2%	235
Carolinas HealthCare System Carolinas Me	125	3.0%	890
Carolinas HealthCare System University H	3	0.1%	10
Carolinas Medical Center Northeast	11	0.3%	68
Carolinas Specialty Hospital	3	0.1%	107
CaroMont Health Inc.	1	0.0%	4
Cone Health	2	0.0%	7
Duke Raleigh	3	0.1%	7
Duke University Medical Center	73	1.8%	411
Durham Regional Hospital	7	0.2%	64
First Health Moore Regional Hospital	629	15.1%	2,578
First Health Richmond Memorial Hospital	28	0.7%	76
Highsmith-Rainey Specialty Hospital	7	0.2%	255
Mercy Hospital	12	0.3%	47
Nash Health Care System	1	0.0%	2
New Hanover Regional Medical Center	9	0.2%	52
Presbyterian Hospital	3	0.1%	23
Presbyterian Orthopaedic Hospital	1	0.0%	7
Rex Healthcare	5	0.1%	12
Sandhills Regional Medical Center	308	7.4%	1,150
Scotland Health Care System	2,652	63.6%	9,972
Select Specialty Hospital - Durham	2	0.0%	49
Select Specialty Hospital - Greensboro	2	0.0%	2
Southeastern Regional Medical Center	64	1.5%	263
The North Carolina Baptist Hospital	7	0.2%	46
Thomasville Medical Center	1	0.0%	5
Union Regional Medical Center	2	0.0%	4
University of North Carolina Hospitals	150	3.6%	889
WakeMed	2	0.0%	3
WakeMed Cary	2	0.0%	9
Watauga Medical Center	1	0.0%	4
Grand Total	4,169	100.0%	17,255

CIMBERLAND COUNTY

First Health Moore Regional Hospital	MSDRG-030	0.0%	2
	MSDRG-039	0.0%	3
	MSDRG-054	0.0%	5
	MSDRG-055	0.0%	13
	MSDRG-057	0.0%	15
	MSDRG-065	0.0%	12
	MSDRG-066	0.0%	6
	MSDRG-069	0.0%	3
	MSDRG-076	0.0%	5
	MSDRG-084	0.0%	2
	MSDRG-086	0.0%	5
	MSDRG-092	0.0%	12
	MSDRG-101	0.0%	4
	MSDRG-103	0.0%	1
	MSDRG-153	0.0%	4
	MSDRG-155	0.0%	9
	MSDRG-176	0.0%	4
	MSDRG-177	0.0%	3
	MSDRG-178	0.0%	6
	MSDRG-181	0.0%	15
	MSDRG-189	0.0%	1
	MSDRG-191	0.0%	16
	MSDRG-193	0.0%	22
	MSDRG-194	0.0%	18
	MSDRG-195	0.0%	1
	MSDRG-200	0.0%	1
	MSDRG-201	0.0%	2
	MSDRG-202	0.0%	9
	MSDRG-203	0.0%	6
	MSDRG-204	0.0%	2
	MSDRG-208	0.0%	1
	MSDRG-241	0.0%	1
	MSDRG-252	0.0%	4
	MSDRG-253	0.0%	5
	MSDRG-280	0.0%	16
	MSDRG-283	0.0%	7
	MSDRG-286	0.0%	2
	MSDRG-287	0.0%	13
	MSDRG-291	0.0%	21
	MSDRG-292	0.0%	39
	MSDRG-293	0.0%	2
	MSDRG-303	0.0%	2
	MSDRG-305	0.0%	9
	MSDRG-310	0.0%	5
	MSDRG-312	0.0%	14
	MSDRG-313	0.0%	1
	MSDRG-331	0.0%	5
	MSDRG-336	0.0%	4
	MSDRG-337	0.0%	3
	MSDRG-342	0.0%	2
	MSDRG-352	0.0%	1
	MSDRG-355	0.0%	4

First Health Moore Regional Hospital

MSDRG-356	15	0.0%	84
MSDRG-371	1	0.0%	4
MSDRG-372	2	0.0%	11
MSDRG-373	1	0.0%	3
MSDRG-377	1	0.0%	1
MSDRG-378	4	0.0%	10
MSDRG-379	1	0.0%	1
MSDRG-386	3	0.0%	13
MSDRG-391	1	0.0%	3
MSDRG-392	6	0.0%	16
MSDRG-395	1	0.0%	1
MSDRG-418	1	0.0%	9
MSDRG-419	1	0.0%	1
MSDRG-439	2	0.0%	13
MSDRG-441	1	0.0%	7
MSDRG-442	1	0.0%	6
MSDRG-443	2	0.0%	3
MSDRG-446	2	0.0%	3
MSDRG-459	1	0.0%	6
MSDRG-460	16	0.1%	37
MSDRG-462	1	0.0%	25
MSDRG-464	1	0.0%	6
MSDRG-465	1	0.0%	4
MSDRG-467	5	0.0%	18
MSDRG-468	2	0.0%	10
MSDRG-470	26	0.1%	83
MSDRG-472	1	0.0%	2
MSDRG-473	28	0.1%	35
MSDRG-475	1	0.0%	3
MSDRG-478	1	0.0%	1
MSDRG-479	2	0.0%	7
MSDRG-481	1	0.0%	5
MSDRG-483	1	0.0%	2
MSDRG-484	2	0.0%	3
MSDRG-489	2	0.0%	8
MSDRG-490	10	0.0%	36
MSDRG-491	22	0.1%	40
MSDRG-494	3	0.0%	25
MSDRG-496	1	0.0%	1
MSDRG-502	1	0.0%	1
MSDRG-507	1	0.0%	2
MSDRG-511	1	0.0%	8
MSDRG-516	2	0.0%	11
MSDRG-551	1	0.0%	2
MSDRG-552	2	0.0%	4
MSDRG-554	1	0.0%	3
MSDRG-558	1	0.0%	3
MSDRG-563	1	0.0%	6
MSDRG-581	1	0.0%	4
MSDRG-603	1	0.0%	3
MSDRG-627	1	0.0%	7
MSDRG-638	2	0.0%	4

First Health Moore Regional Hospital

MSDRG-644	1	0.0%	3
MSDRG-645	1	0.0%	4
MSDRG-660	1	0.0%	2
MSDRG-667	1	0.0%	2
MSDRG-669	2	0.0%	12
MSDRG-682	4	0.0%	33
MSDRG-683	3	0.0%	14
MSDRG-684	1	0.0%	2
MSDRG-689	1	0.0%	4
MSDRG-690	3	0.0%	8
MSDRG-694	1	0.0%	3
MSDRG-698	1	0.0%	12
MSDRG-699	1	0.0%	4
MSDRG-707	3	0.0%	23
MSDRG-708	6	0.0%	7
MSDRG-726	1	0.0%	3
MSDRG-742	1	0.0%	1
MSDRG-743	1	0.0%	3
MSDRG-750	1	0.0%	2
MSDRG-803	1	0.0%	9
MSDRG-812	1	0.0%	6
MSDRG-815	1	0.0%	6
MSDRG-820	1	0.0%	8
MSDRG-853	1	0.0%	17
MSDRG-857	1	0.0%	6
MSDRG-863	2	0.0%	9
MSDRG-870	1	0.0%	18
MSDRG-871	3	0.0%	29
MSDRG-872	8	0.0%	38
MSDRG-897	19	0.1%	79
MSDRG-909	1	0.0%	4
MSDRG-923	3	0.0%	5
MSDRG-982	1	0.0%	4
MSDRG-983	1	0.0%	1
MSDRG-988	1	0.0%	7

HOKE COUNTY

MSDRG Code	Count	Percentage	Total
MSDRG-038	2	0.1%	13
MSDRG-039	2	0.1%	2
MSDRG-054	2	0.1%	2
MSDRG-057	4	0.1%	28
MSDRG-064	8	0.3%	80
MSDRG-065	11	0.4%	59
MSDRG-066	10	0.4%	36
MSDRG-068	1	0.0%	4
MSDRG-069	15	0.5%	27
MSDRG-070	2	0.1%	13
MSDRG-072	1	0.0%	4
MSDRG-073	1	0.0%	4
MSDRG-074	9	0.3%	27
MSDRG-076	1	0.0%	4
MSDRG-078	1	0.0%	2
MSDRG-080	2	0.1%	4
MSDRG-081	3	0.1%	7
MSDRG-084	1	0.0%	2
MSDRG-086	3	0.1%	12
MSDRG-090	1	0.0%	1
MSDRG-091	1	0.0%	1
MSDRG-092	2	0.1%	6
MSDRG-100	3	0.1%	17
MSDRG-101	8	0.3%	19
MSDRG-103	4	0.1%	10
MSDRG-123	1	0.0%	2
MSDRG-125	1	0.0%	2
MSDRG-133	1	0.0%	5
MSDRG-134	1	0.0%	1
MSDRG-139	1	0.0%	4
MSDRG-146	1	0.0%	4
MSDRG-149	1	0.0%	2
MSDRG-151	2	0.1%	8
MSDRG-152	1	0.0%	3
MSDRG-153	4	0.1%	7
MSDRG-155	2	0.1%	4
MSDRG-156	3	0.1%	3
MSDRG-175	2	0.1%	16
MSDRG-176	8	0.3%	26
MSDRG-177	9	0.3%	53
MSDRG-178	5	0.2%	22
MSDRG-179	2	0.1%	5
MSDRG-180	2	0.1%	16
MSDRG-181	2	0.1%	11
MSDRG-186	4	0.1%	31
MSDRG-188	1	0.0%	2
MSDRG-189	18	0.6%	123
MSDRG-190	21	0.7%	93
MSDRG-191	37	1.3%	131
MSDRG-192	13	0.5%	47
MSDRG-193	15	0.5%	92
MSDRG-194	16	0.6%	60

000341

First Health Moore Regional Hospital

MSDRG-195	2	0.1%	5
MSDRG-197	1	0.0%	4
MSDRG-198	1	0.0%	4
MSDRG-202	6	0.2%	21
MSDRG-203	18	0.6%	29
MSDRG-204	1	0.0%	1
MSDRG-206	4	0.1%	11
MSDRG-207	2	0.1%	30
MSDRG-208	5	0.2%	16
MSDRG-239	2	0.1%	23
MSDRG-240	2	0.1%	13
MSDRG-241	1	0.0%	2
MSDRG-252	9	0.3%	41
MSDRG-253	2	0.1%	15
MSDRG-254	1	0.0%	5
MSDRG-257	1	0.0%	2
MSDRG-264	1	0.0%	1
MSDRG-280	5	0.2%	39
MSDRG-281	3	0.1%	6
MSDRG-282	4	0.1%	9
MSDRG-283	1	0.0%	6
MSDRG-286	7	0.2%	66
MSDRG-287	32	1.1%	82
MSDRG-288	1	0.0%	1
MSDRG-291	37	1.3%	186
MSDRG-292	45	1.6%	188
MSDRG-293	8	0.3%	30
MSDRG-299	2	0.1%	12
MSDRG-300	2	0.1%	8
MSDRG-301	4	0.1%	19
MSDRG-302	2	0.1%	7
MSDRG-303	3	0.1%	7
MSDRG-304	2	0.1%	14
MSDRG-305	11	0.4%	26
MSDRG-308	10	0.4%	55
MSDRG-309	13	0.5%	45
MSDRG-310	9	0.3%	14
MSDRG-311	1	0.0%	1
MSDRG-312	20	0.7%	53
MSDRG-313	39	1.4%	54
MSDRG-314	7	0.2%	58
MSDRG-315	4	0.1%	12
MSDRG-326	2	0.0%	9
MSDRG-327	2	0.1%	8
MSDRG-328	1	0.1%	8
MSDRG-329	1	0.0%	5
MSDRG-330	4	0.1%	25
MSDRG-331	3	0.1%	11
MSDRG-333	1	0.0%	5
MSDRG-335	1	0.0%	3
MSDRG-336	5	0.2%	32
MSDRG-337	1	0.0%	1

First Health Moore Regional Hospital

MSDRG-340	2	0.1%	4
MSDRG-341	2	0.1%	4
MSDRG-343	8	0.3%	11
MSDRG-348	1	0.0%	2
MSDRG-349	1	0.0%	1
MSDRG-350	1	0.0%	8
MSDRG-355	4	0.1%	8
MSDRG-368	1	0.0%	5
MSDRG-369	1	0.0%	2
MSDRG-372	6	0.2%	29
MSDRG-373	2	0.1%	8
MSDRG-375	1	0.0%	5
MSDRG-377	5	0.2%	29
MSDRG-378	28	1.0%	93
MSDRG-379	2	0.1%	3
MSDRG-381	2	0.1%	7
MSDRG-384	1	0.0%	6
MSDRG-386	7	0.2%	22
MSDRG-387	1	0.0%	1
MSDRG-389	9	0.3%	46
MSDRG-390	4	0.1%	12
MSDRG-391	8	0.3%	54
MSDRG-392	45	1.6%	141
MSDRG-393	2	0.1%	8
MSDRG-394	12	0.4%	40
MSDRG-395	3	0.1%	8
MSDRG-414	2	0.1%	21
MSDRG-416	1	0.0%	4
MSDRG-417	2	0.1%	20
MSDRG-418	6	0.2%	20
MSDRG-419	5	0.2%	13
MSDRG-432	2	0.1%	24
MSDRG-436	2	0.1%	8
MSDRG-438	1	0.0%	5
MSDRG-439	10	0.4%	39
MSDRG-440	13	0.5%	31
MSDRG-441	4	0.1%	27
MSDRG-442	1	0.0%	4
MSDRG-444	4	0.1%	13
MSDRG-445	5	0.2%	19
MSDRG-446	2	0.1%	2
MSDRG-459	5	0.0%	11
MSDRG-460	5	0.2%	18
MSDRG-462	9	0.3%	26
MSDRG-464	3	0.0%	9
MSDRG-467	3	0.1%	11
MSDRG-468	2	0.1%	11
MSDRG-469	1	0.0%	10
MSDRG-470	40	1.4%	144
MSDRG-471	1	0.0%	3
MSDRG-472	1	0.0%	7
MSDRG-473	1	0.1%	5

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First Health Moore Regional Hospital

MSDRG-477	1	0.0%	7
MSDRG-478	2	0.1%	8
MSDRG-479	2	0.1%	9
MSDRG-480	5	0.2%	35
MSDRG-481	5	0.2%	24
MSDRG-482	3	0.1%	9
MSDRG-483	2	0.1%	6
MSDRG-484	4	0.1%	8
MSDRG-486	1	0.0%	4
MSDRG-489	1	0.0%	2
MSDRG-490	1	0.0%	3
MSDRG-491	3	0.1%	4
MSDRG-492	1	0.0%	7
MSDRG-493	3	0.1%	30
MSDRG-494	4	0.1%	11
MSDRG-496	2	0.1%	11
MSDRG-500	1	0.0%	9
MSDRG-502	2	0.1%	4
MSDRG-504	1	0.0%	1
MSDRG-506	1	0.0%	6
MSDRG-513	2	0.1%	7
MSDRG-516	1	0.0%	3
MSDRG-534	1	0.0%	3
MSDRG-535	2	0.1%	6
MSDRG-536	2	0.1%	6
MSDRG-537	1	0.0%	3
MSDRG-543	1	0.0%	3
MSDRG-546	2	0.1%	6
MSDRG-551	2	0.1%	12
MSDRG-552	13	0.5%	46
MSDRG-553	3	0.1%	19
MSDRG-554	3	0.1%	10
MSDRG-555	3	0.1%	9
MSDRG-556	3	0.1%	13
MSDRG-558	5	0.2%	9
MSDRG-561	1	0.0%	1
MSDRG-562	1	0.0%	8
MSDRG-563	4	0.1%	9
MSDRG-574	3	0.1%	87
MSDRG-577	1	0.0%	1
MSDRG-579	1	0.0%	6
MSDRG-580	6	0.2%	46
MSDRG-582	1	0.0%	1
MSDRG-583	2	0.1%	2
MSDRG-592	2	0.1%	20
MSDRG-593	1	0.0%	4
MSDRG-601	1	0.0%	1
MSDRG-602	1	0.0%	12
MSDRG-603	24	0.9%	121
MSDRG-605	1	0.0%	1
MSDRG-607	2	0.1%	5
MSDRG-616	1	0.0%	25

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First Health Moore Regional Hospital

MSDRG-617		0.0%	10
MSDRG-622		0.0%	9
MSDRG-623		0.0%	3
MSDRG-626		0.1%	3
MSDRG-627		0.1%	5
MSDRG-628		0.0%	9
MSDRG-629		0.1%	30
MSDRG-637	4	0.1%	35
MSDRG-638	29	1.0%	87
MSDRG-639	9	0.3%	23
MSDRG-640	7	0.2%	13
MSDRG-641	16	0.6%	43
MSDRG-642	1	0.0%	1
MSDRG-645	5	0.2%	24
MSDRG-656		0.0%	5
MSDRG-660		0.0%	10
MSDRG-668		0.0%	8
MSDRG-669		0.0%	3
MSDRG-682	16	0.6%	103
MSDRG-683	33	1.2%	140
MSDRG-684	6	0.2%	16
MSDRG-685	1	0.0%	2
MSDRG-689	5	0.2%	25
MSDRG-690	21	0.7%	74
MSDRG-695	1	0.0%	5
MSDRG-696	2	0.1%	3
MSDRG-698	9	0.3%	50
MSDRG-699	6	0.2%	26
MSDRG-700	1	0.0%	5
MSDRG-708		0.1%	4
MSDRG-713		0.0%	1
MSDRG-715		0.0%	1
MSDRG-727	1	0.0%	3
MSDRG-738		0.0%	3
MSDRG-742		0.1%	8
MSDRG-743		0.2%	9
MSDRG-746		0.0%	1
MSDRG-748		0.1%	4
MSDRG-757		0.1%	10
MSDRG-758		0.0%	5
MSDRG-759	1	0.0%	3
MSDRG-760	1	0.0%	5
MSDRG-808	1	0.0%	5
MSDRG-809	2	0.1%	5
MSDRG-811	8	0.3%	51
MSDRG-812	22	0.8%	74
MSDRG-845	1	0.0%	6
MSDRG-853	15	0.5%	210
MSDRG-854	4	0.1%	34
MSDRG-856	1	0.0%	7
MSDRG-857	1	0.0%	6
MSDRG-862	1	0.0%	10

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First Health Moore Regional Hospital

MSDRG-863	3	0.1%	14
MSDRG-864	2	0.1%	5
MSDRG-865	1	0.0%	6
MSDRG-866	2	0.1%	3
MSDRG-870	4	0.1%	102
MSDRG-871	63	2.2%	467
MSDRG-872	46	1.6%	217
MSDRG-894	1	0.0%	2
MSDRG-897	14	0.5%	54
MSDRG-903	1	0.0%	5
MSDRG-907	1	0.0%	10
MSDRG-908	1	0.0%	12
MSDRG-909	3	0.1%	4
MSDRG-916	3	0.1%	3
MSDRG-917	1	0.0%	1
MSDRG-918	14	0.5%	21
MSDRG-919	1	0.0%	2
MSDRG-920	2	0.1%	3
MSDRG-921	5	0.2%	8
MSDRG-923	1	0.0%	3
MSDRG-940	1	0.0%	9
MSDRG-948	6	0.2%	14
MSDRG-974	4	0.1%	21
MSDRG-977	2	0.1%	7
MSDRG-981	1	0.1%	32
MSDRG-982	1	0.1%	17
MSDRG-987	2	0.1%	11

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ROBESON COUNTY

First Health Moore Regional Hospital	MSDRG Code	Count	Percentage	Total
	MSDRG-029	3	0.0%	29
	MSDRG-030	1	0.0%	1
	MSDRG-035	8	0.0%	8
	MSDRG-037	6	0.0%	6
	MSDRG-039	6	0.0%	6
	MSDRG-055	1	0.0%	12
	MSDRG-056	1	0.0%	4
	MSDRG-057	4	0.0%	8
	MSDRG-064	5	0.0%	28
	MSDRG-065	15	0.1%	79
	MSDRG-066	4	0.0%	9
	MSDRG-069	10	0.1%	20
	MSDRG-074	4	0.0%	15
	MSDRG-082	2	0.0%	9
	MSDRG-086	1	0.0%	5
	MSDRG-089	1	0.0%	5
	MSDRG-091	1	0.0%	11
	MSDRG-092	1	0.0%	4
	MSDRG-093	1	0.0%	1
	MSDRG-096	1	0.0%	7
	MSDRG-098	2	0.0%	9
	MSDRG-100	1	0.0%	5
	MSDRG-101	5	0.0%	20
	MSDRG-103	1	0.0%	4
	MSDRG-134	2	0.0%	2
	MSDRG-149	1	0.0%	2
	MSDRG-152	1	0.0%	4
	MSDRG-153	1	0.0%	3
	MSDRG-175	1	0.0%	8
	MSDRG-176	1	0.0%	6
	MSDRG-177	1	0.0%	9
	MSDRG-180	3	0.0%	18
	MSDRG-187	3	0.0%	9
	MSDRG-189	7	0.0%	42
	MSDRG-190	10	0.1%	55
	MSDRG-191	17	0.1%	57
	MSDRG-192	6	0.0%	16
	MSDRG-193	13	0.1%	93
	MSDRG-194	11	0.1%	46
	MSDRG-195	3	0.0%	5
	MSDRG-198	1	0.0%	1
	MSDRG-199	1	0.0%	12
	MSDRG-201	1	0.0%	1
	MSDRG-202	2	0.0%	7
	MSDRG-203	4	0.0%	6
	MSDRG-204	2	0.0%	4
	MSDRG-206	3	0.0%	7
	MSDRG-207	5	0.0%	84
	MSDRG-208	2	0.0%	28
	MSDRG-239	3	0.0%	22
	MSDRG-252	3	0.0%	8
	MSDRG-253	8	0.0%	36

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First Health Moore Regional Hospital

MSDRG-254		0.0%	4
MSDRG-255		0.0%	2
MSDRG-256		0.0%	5
MSDRG-264		0.0%	4
MSDRG-280	2	0.0%	5
MSDRG-282	3	0.0%	9
MSDRG-286	7	0.0%	34
MSDRG-287	36	0.2%	100
MSDRG-291	10	0.1%	47
MSDRG-292	20	0.1%	56
MSDRG-293	7	0.0%	15
MSDRG-300	7	0.0%	19
MSDRG-301	3	0.0%	5
MSDRG-302	1	0.0%	3
MSDRG-303	7	0.0%	11
MSDRG-304	1	0.0%	2
MSDRG-305	3	0.0%	6
MSDRG-308	3	0.0%	14
MSDRG-309	7	0.0%	18
MSDRG-310	7	0.0%	20
MSDRG-312	8	0.0%	18
MSDRG-313	15	0.1%	49
MSDRG-314	5	0.0%	82
MSDRG-326	2	0.0%	36
MSDRG-327	1	0.0%	5
MSDRG-328	4	0.0%	5
MSDRG-329	1	0.0%	6
MSDRG-330		0.0%	29
MSDRG-331		0.0%	16
MSDRG-333		0.0%	8
MSDRG-334		0.0%	5
MSDRG-336	3	0.0%	16
MSDRG-337	2	0.0%	6
MSDRG-339	1	0.0%	3
MSDRG-343	2	0.0%	2
MSDRG-347		0.0%	11
MSDRG-348		0.0%	1
MSDRG-354		0.0%	15
MSDRG-355		0.0%	11
MSDRG-357		0.0%	8
MSDRG-358		0.0%	7
MSDRG-369	1	0.0%	4
MSDRG-371	1	0.0%	23
MSDRG-372	1	0.0%	6
MSDRG-373	1	0.0%	1
MSDRG-375	1	0.0%	5
MSDRG-377	6	0.0%	42
MSDRG-378	17	0.1%	46
MSDRG-379	4	0.0%	8
MSDRG-384	1	0.0%	2
MSDRG-386	1	0.0%	2
MSDRG-388	1	0.0%	6

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First Health Moore Regional Hospital

MSDRG-389	6	0.0%	19
MSDRG-390	5	0.0%	9
MSDRG-391	9	0.1%	43
MSDRG-392	32	0.2%	97
MSDRG-393	3	0.0%	7
MSDRG-394	4	0.0%	10
MSDRG-395	2	0.0%	3
MSDRG-415	2	0.0%	5
MSDRG-417	1	0.0%	18
MSDRG-418	6	0.0%	36
MSDRG-419	3	0.0%	5
MSDRG-432	2	0.0%	7
MSDRG-433	3	0.0%	5
MSDRG-435	3	0.0%	15
MSDRG-438	1	0.0%	6
MSDRG-439	1	0.0%	7
MSDRG-440	6	0.0%	18
MSDRG-441	1	0.0%	4
MSDRG-442	3	0.0%	8
MSDRG-444	1	0.0%	4
MSDRG-445	1	0.0%	4
MSDRG-446	2	0.0%	2
MSDRG-459	1	0.0%	13
MSDRG-460	25	0.2%	87
MSDRG-461	2	0.0%	11
MSDRG-462	26	0.2%	72
MSDRG-464	1	0.0%	52
MSDRG-465	1	0.0%	2
MSDRG-466	2	0.0%	22
MSDRG-467	7	0.0%	33
MSDRG-468	7	0.0%	25
MSDRG-469	4	0.0%	41
MSDRG-470	15	0.7%	343
MSDRG-471	1	0.0%	8
MSDRG-472	2	0.0%	2
MSDRG-473	3	0.1%	16
MSDRG-478	2	0.0%	11
MSDRG-480	1	0.0%	9
MSDRG-481	3	0.0%	20
MSDRG-482	5	0.0%	16
MSDRG-484	5	0.0%	11
MSDRG-488	1	0.0%	2
MSDRG-489	3	0.0%	8
MSDRG-490	6	0.0%	27
MSDRG-491	13	0.1%	28
MSDRG-494	2	0.0%	3
MSDRG-495	1	0.0%	3
MSDRG-501	3	0.0%	11
MSDRG-502	1	0.0%	1
MSDRG-512	1	0.0%	1
MSDRG-513	1	0.0%	3
MSDRG-514	1	0.0%	2

First Health Moore Regional Hospital

MSDRG-515	1	0.0%	6
MSDRG-516	1	0.0%	5
MSDRG-517	1	0.0%	2
MSDRG-536	2	0.0%	8
MSDRG-540	1	0.0%	2
MSDRG-543	3	0.0%	10
MSDRG-546	4	0.0%	15
MSDRG-547	1	0.0%	2
MSDRG-552	8	0.0%	32
MSDRG-554	4	0.0%	8
MSDRG-556	2	0.0%	4
MSDRG-560	2	0.0%	11
MSDRG-561	4	0.0%	5
MSDRG-562	1	0.0%	3
MSDRG-563	4	0.0%	13
MSDRG-565	1	0.0%	5
MSDRG-581	2	0.0%	7
MSDRG-582	2	0.0%	2
MSDRG-583	2	0.0%	2
MSDRG-592	1	0.0%	3
MSDRG-602	1	0.0%	2
MSDRG-603	11	0.1%	27
MSDRG-607	2	0.0%	5
MSDRG-627	6	0.0%	16
MSDRG-637	2	0.0%	8
MSDRG-638	11	0.1%	31
MSDRG-639	2	0.0%	7
MSDRG-640	2	0.0%	7
MSDRG-641	12	0.1%	40
MSDRG-644	1	0.0%	3
MSDRG-654	1	0.0%	4
MSDRG-658	1	0.0%	20
MSDRG-662	1	0.0%	3
MSDRG-669	1	0.0%	12
MSDRG-670	1	0.0%	3
MSDRG-674	2	0.0%	10
MSDRG-682	12	0.1%	94
MSDRG-683	22	0.1%	77
MSDRG-684	5	0.0%	15
MSDRG-690	13	0.1%	40
MSDRG-694	1	0.0%	4
MSDRG-696	1	0.0%	3
MSDRG-698	2	0.0%	5
MSDRG-699	5	0.0%	22
MSDRG-707	1	0.0%	12
MSDRG-708	10	0.1%	18
MSDRG-713	1	0.0%	5
MSDRG-715	1	0.0%	9
MSDRG-724	1	0.0%	1
MSDRG-728	2	0.0%	11
MSDRG-742	1	0.0%	4
MSDRG-743	1	0.0%	10

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First Health Moore Regional Hospital

MSDRG-748	2	0.0%	4
MSDRG-808	2	0.0%	25
MSDRG-811	2	0.0%	11
MSDRG-812	20	0.1%	111
MSDRG-815	1	0.0%	13
MSDRG-824	1	0.0%	10
MSDRG-840	1	0.0%	20
MSDRG-853	1	0.0%	75
MSDRG-854	1	0.0%	38
MSDRG-856	1	0.0%	3
MSDRG-857	1	0.0%	2
MSDRG-858	1	0.0%	9
MSDRG-862	1	0.0%	13
MSDRG-863	4	0.0%	17
MSDRG-864	1	0.0%	4
MSDRG-866	1	0.0%	2
MSDRG-871	23	0.1%	155
MSDRG-872	12	0.1%	44
MSDRG-894	1	0.0%	1
MSDRG-896	2	0.0%	15
MSDRG-897	12	0.1%	43
MSDRG-902	1	0.0%	2
MSDRG-907	1	0.0%	21
MSDRG-909	1	0.0%	7
MSDRG-916	1	0.0%	2
MSDRG-917	2	0.0%	18
MSDRG-918	2	0.0%	8
MSDRG-920	5	0.0%	11
MSDRG-940	1	0.0%	12
MSDRG-947	1	0.0%	5
MSDRG-948	4	0.0%	9
MSDRG-951	1	0.0%	1
MSDRG-975	1	0.0%	3
MSDRG-981	1	0.0%	32
MSDRG-982	1	0.0%	4
MSDRG-983	1	0.0%	1
MSDRG-987	1	0.0%	42
MSDRG-988	1	0.0%	9

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SCOTLAND COUNTY

MSDRG Code	Count	Percentage	Total
MSDRG-038	3	0.1%	14
MSDRG-039	1	0.3%	15
MSDRG-054	1	0.0%	6
MSDRG-059	1	0.0%	6
MSDRG-060	1	0.0%	4
MSDRG-064	3	0.1%	45
MSDRG-065	6	0.1%	32
MSDRG-066	2	0.0%	5
MSDRG-069	4	0.1%	17
MSDRG-070	1	0.0%	32
MSDRG-071	1	0.0%	3
MSDRG-074	3	0.1%	19
MSDRG-085	1	0.0%	5
MSDRG-087	2	0.0%	4
MSDRG-101	4	0.1%	11
MSDRG-103	2	0.0%	5
MSDRG-123	1	0.0%	1
MSDRG-125	1	0.0%	6
MSDRG-134	1	0.0%	3
MSDRG-149	4	0.1%	10
MSDRG-150	1	0.0%	5
MSDRG-153	1	0.0%	1
MSDRG-158	1	0.0%	4
MSDRG-175	1	0.0%	3
MSDRG-176	1	0.0%	6
MSDRG-178	1	0.0%	4
MSDRG-180	2	0.0%	8
MSDRG-181	3	0.1%	6
MSDRG-188	1	0.0%	2
MSDRG-189	6	0.1%	43
MSDRG-190	2	0.0%	6
MSDRG-191	8	0.2%	25
MSDRG-192	4	0.1%	9
MSDRG-193	3	0.1%	23
MSDRG-194	9	0.2%	33
MSDRG-195	2	0.0%	5
MSDRG-196	1	0.0%	3
MSDRG-199	1	0.0%	2
MSDRG-200	1	0.0%	1
MSDRG-201	1	0.0%	5
MSDRG-203	2	0.0%	4
MSDRG-204	3	0.1%	9
MSDRG-205	1	0.0%	2
MSDRG-206	1	0.0%	3
MSDRG-207	1	0.0%	9
MSDRG-239	1	0.1%	69
MSDRG-240	1	0.1%	39
MSDRG-252	1	0.1%	31
MSDRG-253	9	0.2%	61
MSDRG-254	6	0.2%	31
MSDRG-264	1	0.1%	15
MSDRG-280	2	0.0%	8

First Health Moore Regional Hospital

MSDRG-281	3	0.1%	8
MSDRG-282	4	0.1%	18
MSDRG-283	1	0.0%	2
MSDRG-284	1	0.0%	2
MSDRG-286	5	0.1%	14
MSDRG-287	18	0.4%	48
MSDRG-291	2	0.0%	8
MSDRG-292	16	0.4%	56
MSDRG-293	4	0.1%	6
MSDRG-299	1	0.0%	10
MSDRG-301	1	0.0%	1
MSDRG-302	1	0.0%	1
MSDRG-303	2	0.0%	6
MSDRG-305	2	0.0%	3
MSDRG-308	2	0.0%	4
MSDRG-309	5	0.1%	18
MSDRG-310	5	0.1%	9
MSDRG-311	1	0.0%	1
MSDRG-312	7	0.2%	14
MSDRG-313	14	0.3%	25
MSDRG-314	2	0.0%	7
MSDRG-315	5	0.1%	16
MSDRG-316	1	0.0%	1
MSDRG-329		0.1%	28
MSDRG-330		0.2%	82
MSDRG-331		0.1%	12
MSDRG-335		0.0%	8
MSDRG-336		0.1%	32
MSDRG-337		0.0%	13
MSDRG-341		0.0%	1
MSDRG-343		0.0%	2
MSDRG-346		0.0%	8
MSDRG-348		0.0%	1
MSDRG-352		0.0%	8
MSDRG-354		0.0%	2
MSDRG-355		0.0%	1
MSDRG-356		0.0%	7
MSDRG-358		0.0%	1
MSDRG-371	1	0.0%	5
MSDRG-372	1	0.0%	5
MSDRG-376	1	0.0%	1
MSDRG-377	2	0.0%	6
MSDRG-378	15	0.4%	45
MSDRG-379	2	0.0%	2
MSDRG-381	1	0.0%	3
MSDRG-384	2	0.0%	6
MSDRG-386	1	0.0%	3
MSDRG-387	1	0.0%	1
MSDRG-390	3	0.1%	14
MSDRG-391	5	0.1%	33
MSDRG-392	26	0.6%	89
MSDRG-393	1	0.0%	10

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MSDRG-394	6	0.1%	17
MSDRG-395	2	0.0%	4
MSDRG-412	1	0.0%	8
MSDRG-413	1	0.0%	6
MSDRG-418	5	0.1%	20
MSDRG-419	5	0.1%	8
MSDRG-432	1	0.0%	5
MSDRG-433	3	0.1%	10
MSDRG-435	2	0.0%	4
MSDRG-439	2	0.0%	6
MSDRG-441	3	0.1%	24
MSDRG-442	4	0.1%	25
MSDRG-443	1	0.0%	2
MSDRG-445	2	0.0%	3
MSDRG-446	3	0.1%	5
MSDRG-460	10	0.2%	38
MSDRG-462	10	0.2%	19
MSDRG-467	5	0.1%	11
MSDRG-470	27	0.6%	78
MSDRG-472	23	0.0%	23
MSDRG-473	9	0.1%	9
MSDRG-478	6	0.0%	6
MSDRG-479	11	0.1%	11
MSDRG-481	14	0.0%	14
MSDRG-483	10	0.0%	10
MSDRG-484	6	0.1%	6
MSDRG-488	2	0.0%	2
MSDRG-489	2	0.0%	2
MSDRG-490	23	0.1%	23
MSDRG-491	11	0.1%	11
MSDRG-494	3	0.0%	3
MSDRG-496	7	0.0%	7
MSDRG-497	1	0.0%	1
MSDRG-501	20	0.0%	20
MSDRG-502	3	0.0%	3
MSDRG-512	1	0.0%	1
MSDRG-539	6	0.0%	6
MSDRG-542	12	0.0%	12
MSDRG-545	6	0.0%	6
MSDRG-546	3	0.0%	3
MSDRG-552	18	0.1%	18
MSDRG-554	2	0.0%	2
MSDRG-555	2	0.0%	2
MSDRG-559	12	0.0%	12
MSDRG-561	4	0.0%	4
MSDRG-575	3	0.0%	3
MSDRG-578	8	0.0%	8
MSDRG-580	1	0.0%	1
MSDRG-582	1	0.0%	1
MSDRG-583	1	0.0%	1
MSDRG-600	3	0.0%	3
MSDRG-602	5	0.0%	5

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MSDRG-603	5	0.1%	16
MSDRG-623		0.0%	3
MSDRG-626		0.0%	1
MSDRG-627		0.1%	6
MSDRG-629		0.0%	8
MSDRG-638	3	0.1%	6
MSDRG-639	1	0.0%	5
MSDRG-641	5	0.1%	14
MSDRG-644	2	0.0%	8
MSDRG-657		0.0%	10
MSDRG-658		0.0%	4
MSDRG-664		0.0%	1
MSDRG-669		0.0%	5
MSDRG-683	13	0.3%	34
MSDRG-684	2	0.0%	5
MSDRG-685	1	0.0%	4
MSDRG-689	2	0.0%	13
MSDRG-690	1	0.0%	1
MSDRG-692	1	0.0%	1
MSDRG-694	1	0.0%	1
MSDRG-696	1	0.0%	6
MSDRG-698	1	0.0%	5
MSDRG-700	1	0.0%	4
MSDRG-707		0.1%	14
MSDRG-708		0.0%	1
MSDRG-723	1	0.0%	5
MSDRG-728	1	0.0%	3
MSDRG-742		0.0%	7
MSDRG-743		0.3%	29
MSDRG-749		0.0%	2
MSDRG-759	1	0.0%	3
MSDRG-811	3	0.1%	5
MSDRG-812	4	0.1%	14
MSDRG-813	2	0.0%	13
MSDRG-814	1	0.0%	3
MSDRG-824		0.0%	12
MSDRG-841	1	0.0%	7
MSDRG-853		0.0%	31
MSDRG-856		0.0%	11
MSDRG-862	1	0.0%	16
MSDRG-863	4	0.1%	9
MSDRG-864	1	0.0%	2
MSDRG-866	1	0.0%	6
MSDRG-871	11	0.3%	80
MSDRG-872	5	0.1%	15
MSDRG-894	1	0.0%	1
MSDRG-897	13	0.3%	51
MSDRG-908		0.0%	10
MSDRG-917	1	0.0%	3
MSDRG-919	2	0.0%	20
MSDRG-920	2	0.0%	4
MSDRG-921	2	0.0%	2

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MSDRG-941	1	0.0%	4
MSDRG-947	1	0.0%	9
MSDRG-948	1	0.0%	10
MSDRG-981	3	0.1%	36
MSDRG-982	9	0.1%	15
MSDRG-983	1	0.0%	7

ATTACHMENT 4

Attachment 4. FH "Community Hospital" Acuity Volume Shifted

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Cumberland		Hoke		Robeson		Scotland	
					Pts	Days	Pts	Days	Pts	Days	Pts	Days
			Total		350	1281	1499	6482	1076	4390	615	2526
			ALOS			3.7		4.3		4.1		4.1
			Total Surgery		187	626	286	1464	412	1691	222	1055
			ALOS			3.3		5.1		4.1		4.8
			Total Medicine		163	655	1213	5018	664	2699	393	1471
			ALOS			4.0		4.1		4.1		3.7
			Total Less than 2.0		250	896	1303	5191	785	2903	490	1781
			ALOS			3.6		4.0		3.7		3.6
			Total Surgery Less than 2.0		92	463	183	1174	296	1358	131	779
			ALOS			5.0		6.4		4.6		5.9
			Total Medicine less than 2.0		158	433	1120	4017	489	1545	359	1002
			ALOS			2.7		3.6		3.2		2.8
			% of Total Greater than 2.0		28.6%	30.1%	13.1%	19.9%	27.0%	33.9%	20.3%	29.5%
			% of Surgery Greater than 2.0		50.8%	26.0%	36.0%	19.8%	28.2%	19.7%	41.0%	26.2%
			% of Medicine Greater than 2.0		3.1%	33.9%	7.7%	19.9%	26.4%	42.8%	8.7%	31.9%

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Cumberland		Hoke		Robeson		Scotland	
					Pts	Days	Pts	Days	Pts	Days	Pts	Days
Medical DRGs with Acuity Less than 2.0												
998		**	PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS	0.0000								
999		**	UNGROUPABLE	0.0000								
780	14	MED	FALSE LABOR	0.2284								
298	05	MED	CARDIAC ARREST, UNEXPLAINED W/O CC/MCC	0.4497								
782	14	MED	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4744								
916	21	MED	ALLERGIC REACTIONS W/O MCC	0.4867			3	3	1	2		
778	14	MED	THREATENED ABORTION	0.4942								
950	23	MED	AFTERCARE W/O CC/MCC	0.5040								
311	05	MED	ANGINA PECTORIS	0.5070			1	1			1	1
761	13	MED	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS W/O CC/MCC	0.5219								
779	14	MED	ABORTION W/O D&C	0.5311								
313	05	MED	CHEST PAIN	0.5499	1	1	39	54	15	49	14	25
639	10	MED	DIABETES W/O CC/MCC	0.5544			9	23	2	7	1	5
310	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W/O CC/MCC	0.5709	3	5	9	14	7	20	5	9
285	05	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W/O CC/MCC	0.5712								
303	05	MED	ATHEROSCLEROSIS W/O MCC	0.5830	2	2	3	7	7	11	2	6
159	03	MED	DENTAL & ORAL DISEASES W/O CC/MCC	0.5897								
203	04	MED	BRONCHITIS & ASTHMA W/O CC/MCC	0.6081	1	6	18	29	4	6	2	4
538	08	MED	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH W/O CC/MCC	0.6108								
305	05	MED	HYPERTENSION W/O MCC	0.6138	3	9	11	26	3	6	2	3
316	05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W/O CC/MCC	0.6147							1	1
434	07	MED	CIRRHOSIS & ALCOHOLIC HEPATITIS W/O CC/MCC	0.6152								
880	19	MED	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION	0.6161								
881	19	MED	DEPRESSIVE NEUROSES	0.6178								
561	08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W/O CC/MCC	0.6211			1	1	4	5	2	4
724	12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.6211					1	1		
921	21	MED	COMPLICATIONS OF TREATMENT W/O CC/MCC	0.6216			5	8			2	2
156	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W/O CC/MCC	0.6226			3	3				
599	09	MED	MALIGNANT BREAST DISORDERS W/O CC/MCC	0.6265								
918	21	MED	POISONING & TOXIC EFFECTS OF DRUGS W/O MCC	0.6269			14	21	2	8		
882	19	MED	NEUROSES EXCEPT DEPRESSIVE	0.6276								
153	03	MED	OTITIS MEDIA & URI W/O MCC	0.6290	1	4	4	7	1	3	1	1
756	13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.6361								
390	06	MED	G.I. OBSTRUCTION W/O CC/MCC	0.6369			4	12	5	9	3	14
149	03	MED	DYSEQUILIBRIUM	0.6389			1	2	1	2	4	10
151	03	MED	EPISTAXIS W/O MCC	0.6393			2	8				
295	05	MED	DEEP VEIN THROMBOPHLEBITIS W/O CC/MCC	0.6403								
730	12	MED	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES W/O CC/MCC	0.6414								
688	11	MED	KIDNEY & URINARY TRACT NEOPLASMS W/O CC/MCC	0.6479								
776	14	MED	POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. PROCEDURE	0.6513								
122	02	MED	ACUTE MAJOR EYE INFECTIONS W/O CC/MCC	0.6522								
556	08	MED	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE W/O MCC	0.6568			3	13	2	4		
684	11	MED	RENAL FAILURE W/O CC/MCC	0.6587	1	2	6	16	5	15	2	5
696	11	MED	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS W/O MCC	0.6590			2	3	1	3	1	6
951	23	MED	OTHER FACTORS INFLUENCING HEALTH STATUS	0.6593								
301	05	MED	PERIPHERAL VASCULAR DISORDERS W/O CC/MCC	0.6615			4	19	3	5	1	1
443	07	MED	DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC,HEPA W/O CC/MCC	0.6615	2	3					1	2
566	08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W/O CC/MCC	0.6625								
103	01	MED	HEADACHES W/O MCC	0.6701	1	1	4	10	1	4	2	5
204	04	MED	RESPIRATORY SIGNS & SYMPTOMS	0.6714	1	2	1	1	2	4	3	9
601	09	MED	NON-MALIGNANT BREAST DISORDERS W/O CC/MCC	0.6728			1	1				
395	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W/O CC/MCC	0.6749	1	1	3	8	2	3	2	4
700	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W/O CC/MCC	0.6757			1	5			1	4
297	05	MED	CARDIAC ARREST, UNEXPLAINED W CC	0.6792								
185	04	MED	MAJOR CHEST TRAUMA W/O CC/MCC	0.6803								
923	21	MED	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W/O MCC	0.6808	3	5	1	3				
781	14	MED	OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS	0.6809								
554	08	MED	BONE DISEASES & ARTHROPATHIES W/O MCC	0.6812	1	3	3	10	4	8	2	2
816	16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W/O CC/MCC	0.6818								
093	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC/MCC	0.6827					1	1		
293	05	MED	HEART FAILURE & SHOCK W/O CC/MCC	0.6853	1	2	8	30	7	15	4	6
607	09	MED	MINOR SKIN DISORDERS W/O MCC	0.6857			2	5	2	5		
125	02	MED	OTHER DISORDERS OF THE EYE W/O MCC	0.6859			1	2			1	6
948	23	MED	SIGNS & SYMPTOMS W/O MCC	0.6865			6	14	4	9	1	10
440	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W/O CC/MCC	0.6890			13	31	6	18		
641	10	MED	NUTRITIONAL & MISC METABOLIC DISORDERS W/O MCC	0.6916			16	43	12	40	5	14
090	01	MED	CONCUSSION W/O CC/MCC	0.6927			1	1				
914	21	MED	TRAUMATIC INJURY W/O MCC	0.6994								
726	12	MED	BENIGN PROSTATIC HYPERTROPHY W/O MCC	0.7013	1	3						
195	04	MED	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	0.7096	1	1	2	5	3	5	2	5
694	11	MED	URINARY STONES W/O ESW LITHOTRIPSY W/O MCC	0.7096	1	3			1	4	1	1
123	02	MED	NEUROLOGICAL EYE DISORDERS	0.7144			1	2			1	1
379	06	MED	G.I. HEMORRHAGE W/O CC/MCC	0.7146	1	1	2	3	4	8	2	2
563	08	MED	FX, SPRN, STRN & DISL EXCEPT FEMUR, HIP, PELVIS & THIGH W/O MCC	0.7153	1	6	4	9	4	13		
312	05	MED	SYNCOPE & COLLAPSE	0.7172	7	14	20	53	8	18	7	14
392	06	MED	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	0.7173	6	16	45	141	32	97	26	89

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Cumberland		Hoke		Robeson		Scotland	
					Pts	Days	Pts	Days	Pts	Days	Pts	Days
605	09	MED	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST W/O MCC	0.7182			1	1				
536	08	MED	FRACTURES OF HIP & PELVIS W/O MCC	0.7191			2	6	2	8		
645	10	MED	ENDOCRINE DISORDERS W/O CC/MCC	0.7198	1	4	5	24				
869	18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W/O CC/MCC	0.7207								
201	04	MED	PNEUMOTHORAX W/O CC/MCC	0.7210	1	2			1	1	1	5
201	04	MED	PNEUMOTHORAX W/O CC/MCC	0.7210			13	47	6	16	4	9
192	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC	0.7220			15	27	10	20	4	17
069	01	MED	TRANSIENT ISCHEMIA	0.7311	2	3			1	2		
547	08	MED	CONNECTIVE TISSUE DISORDERS W/O CC/MCC	0.7348								
759	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.7368			1	3			1	3
081	01	MED	NONTRAUMATIC STUPOR & COMA W/O MCC	0.7392			3	7				
777	14	MED	ECTOPIC PREGNANCY	0.7406								
446	07	MED	DISORDERS OF THE BILIARY TRACT W/O CC/MCC	0.7411	2	3	2	2	2	2	3	5
866	18	MED	VIRAL ILLNESS W/O MCC	0.7462			2	3	1	2	1	6
072	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O CC/MCC	0.7499			1	4				
079	01	MED	HYPERTENSIVE ENCEPHALOPATHY W/O CC/MCC	0.7533								
370	06	MED	MAJOR ESOPHAGEAL DISORDERS W/O CC/MCC	0.7546								
206	04	MED	OTHER RESPIRATORY SYSTEM DIAGNOSES W/O MCC	0.7575			4	11	3	7	1	3
060	01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W/O CC/MCC	0.7578							1	4
594	09	MED	SKIN ULCERS W/O CC/MCC	0.7591								
534	08	MED	FRACTURES OF FEMUR W/O MCC	0.7601			1	3				
728	12	MED	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM W/O MCC	0.7612					2	11	1	3
101	01	MED	SEIZURES W/O MCC	0.7619	2	4	8	19	5	20	4	11
188	04	MED	PLEURAL EFFUSION W/O CC/MCC	0.7678			1	2			1	2
697	11	MED	URETHRAL STRICTURE	0.7771								
544	08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W/O CC/MCC	0.7775							1	1
387	06	MED	INFLAMMATORY BOWEL DISEASE W/O CC/MCC	0.7813			1	1			1	1
690	11	MED	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	0.7864	3	8	21	74	13	40	1	1
887	19	MED	OTHER MENTAL DISORDER DIAGNOSES	0.7888								
886	19	MED	BEHAVIORAL & DEVELOPMENTAL DISORDERS	0.7903								
087	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W/O CC/MCC	0.7929							2	4
812	16	MED	RED BLOOD CELL DISORDERS W/O MCC	0.7957	1	6	22	74	20	111	4	14
307	05	MED	CARDIAC CONGENITAL & VALVULAR DISORDERS W/O MCC	0.7974								
845	17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W/O CC/MCC	0.8029			1	6				
282	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W/O CC/MCC	0.8064			4	9	3	9	4	18
148	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W/O CC/MCC	0.8066								
848	17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W/O CC/MCC	0.8078								
182	04	MED	RESPIRATORY NEOPLASMS W/O CC/MCC	0.8096								
382	06	MED	COMPLICATED PEPTIC ULCER W/O CC/MCC	0.8130								
066	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W/O CC/MCC	0.8198	2	6	10	36	4	9	2	5
198	04	MED	INTERSTITIAL LUNG DISEASE W/O CC/MCC	0.8203			1	4	1	1		
552	08	MED	MEDICAL BACK PROBLEMS W/O MCC	0.8204	2	4	13	46	8	32	3	18
537	08	MED	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH W CC/MCC	0.8275			1	3				
550	08	MED	SEPTIC ARTHRITIS W/O CC/MCC	0.8276								
864	18	MED	FEVER	0.8276			2	5	1	4	1	2
638	10	MED	DIABETES W CC	0.8306	2	4	29	87	11	31	3	6
384	06	MED	UNCOMPLICATED PEPTIC ULCER W/O MCC	0.8326			1	6	1	2	2	6
603	09	MED	CELLULITIS W/O MCC	0.8377	1	3	24	121	11	27	5	16
309	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W CC	0.8387			13	45	7	18	5	18
760	13	MED	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS W CC/MCC	0.8388			1	5				
202	04	MED	BRONCHITIS & ASTHMA W CC/MCC	0.8424	2	9	6	21	2	7		
053	01	MED	SPINAL DISORDERS & INJURIES W/O CC/MCC	0.8441							1	1
376	06	MED	DIGESTIVE MALIGNANCY W/O CC/MCC	0.8478								
373	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W/O CC/MCC	0.8599	1	3	2	8	1	1		
074	01	MED	CRANIAL & PERIPHERAL NERVE DISORDERS W/O MCC	0.8606			9	27	4	15	3	19
541	08	MED	OSTEOMYELITIS W/O CC/MCC	0.8713								
068	01	MED	NONSPECIFIC CVA & PRECEREBRAL OCCLUSION W/O INFARCT W/O MCC	0.8751			1	4				
596	09	MED	MAJOR SKIN DISORDERS W/O MCC	0.8779								
558	08	MED	TENDONITIS, MYOSITIS & BURSTITIS W/O MCC	0.8823	1	3	5	9			1	2
284	05	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W CC	0.8888							1	4
685	11	MED	ADMIT FOR RENAL DIALYSIS	0.8944			1	2				
084	01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W/O CC/MCC	0.8959	1	2	1	2				
976	25	MED	HIV W MAJOR RELATED CONDITION W/O CC/MCC	0.8975								
437	07	MED	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS W/O CC/MCC	0.9004								
155	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W CC	0.9017	1	9	2	4				
158	03	MED	DENTAL & ORAL DISEASES W CC	0.9027							1	4
885	19	MED	PSYCHOSES	0.9041								
076	01	MED	VIRAL MENINGITIS W/O CC/MCC	0.9050	1	5	1	4				
565	08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W CC	0.9095					1	5		
121	02	MED	ACUTE MAJOR EYE INFECTIONS W CC/MCC	0.9104								
810	16	MED	MAJOR HEMATOL/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W/O CC/MCC	0.9230								
884	19	MED	ORGANIC DISTURBANCES & MENTAL RETARDATION	0.9308								
389	06	MED	G.I. OBSTRUCTION W CC	0.9344			9	46	6	19		
057	01	MED	DEGENERATIVE NERVOUS SYSTEM DISORDERS W/O MCC	0.9350	2	15	4	28	4	8		
092	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W CC	0.9404	2	12	2	6	1	4		
433	07	MED	CIRRHOSIS & ALCOHOLIC HEPATITIS W CC	0.9548					3	5	3	10
152	03	MED	OTITIS MEDIA & URI W MCC	0.9584			1	3	1	4		
600	09	MED	NON-MALIGNANT BREAST DISORDERS W CC/MCC	0.9602							1	3
089	01	MED	CONCUSSION W CC	0.9667					1	5		
315	05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W CC	0.9681			4	12			5	16
191	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W CC	0.9735	3	16	37	131	17	57	8	25
184	04	MED	MAJOR CHEST TRAUMA W CC	0.9755								
302	05	MED	ATHEROSCLEROSIS W MCC	0.9755			2	7	1	3	1	1
300	05	MED	PERIPHERAL VASCULAR DISORDERS W CC	0.9776			2	8	7	19		
920	21	MED	COMPLICATIONS OF TREATMENT W CC	0.9785			2	3	5	11	2	4
863	18	MED	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS W/O MCC	0.9790	2	9	3	14	4	17	4	9
059	01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W CC	0.9811							1	6
442	07	MED	DISORDERS OF LIVER EXCEPT MALIG, CIRRH, ALC, HEPA W CC	0.9857	1	6	1	4	3	8	4	25
847	17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W CC	0.9860								
179	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W/O CC/MCC	0.9861			2	5				
729	12	MED	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES W CC/MCC	0.9892								
394	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W CC	0.9939			12	40	4	10	6	17
699	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W CC	0.9999	1	4	6	26	5	22		
949	23	MED	AFTERCARE W CC/MCC	1.0006								
560	08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W CC	1.0022					2	11		
815	16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W CC	1.0024	1	6			1	13		
439	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W CC	1.0089	2	13	10	39	1	7	2	6
194	04	MED	SIMPLE PNEUMONIA & PLEURISY W CC	1.0152	3	18	16	60	11	46	9	33
078	01	MED	HYPERTENSIVE ENCEPHALOPATHY W CC	1.0154			1	2				
723	12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W CC	1.0190							1	5
683	11	MED	RENAL FAILURE W CC	1.0243	3	14	33	140	22	77	13	34
200	04	MED	PNEUMOTHORAX W CC	1.0252	1	1					1	1
304	05	MED	HYPERTENSION W MCC	1.0263			2	14	1	2		

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Cumberland		Hoke		Robeson		Scotland			
					Pts	Days	Pts	Days	Pts	Days	Pts	Days		
378	06	MED	G.I. HEMORRHAGE W CC	1.0274	4	10			28	93	17	46	15	45
102	01	MED	HEADACHES W MCC	1.0288					1	1				
642	10	MED	INBORN ERRORS OF METABOLISM	1.0290					1	1				
292	05	MED	HEART FAILURE & SHOCK W CC	1.0302	9	39			45	188	20	56	16	56
294	05	MED	DEEP VEIN THROMBOPHLEBITIS W CC/MCC	1.0373										
842	17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC/MCC	1.0389										
386	06	MED	INFLAMMATORY BOWEL DISEASE W CC	1.0435	3	13			7	22	1	2	1	3
977	25	MED	HIV W OR W/O OTHER RELATED CONDITION	1.0486					2	7				
598	09	MED	MALIGNANT BREAST DISORDERS W CC	1.0611										
055	01	MED	NERVOUS SYSTEM NEOPLASMS W/O MCC	1.0649	3	13					1	12		
644	10	MED	ENDOCRINE DISORDERS W CC	1.0655	1	3					1	3	2	8
445	07	MED	DISORDERS OF THE BILIARY TRACT W CC	1.0688					5	19	1	4	2	3
883	19	MED	DISORDERS OF PERSONALITY & IMPULSE CONTROL	1.0694										
176	04	MED	PULMONARY EMBOLISM W/O MCC	1.0706	3	4			8	26	1	6	1	6
593	09	MED	SKIN ULCERS W CC	1.0709					1	4				
369	06	MED	MAJOR ESOPHAGEAL DISORDERS W CC	1.0722					1	2	1	4		
687	11	MED	KIDNEY & URINARY TRACT NEOPLASMS W CC	1.0838										
287	05	MED	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	1.0879	6	13			32	82	36	100	18	48
947	23	MED	SIGNS & SYMPTOMS W MCC	1.0952							1	5	1	9
555	08	MED	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE W MCC	1.0954					3	9			1	2
758	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W CC	1.0963					1	5				
187	04	MED	PLEURAL EFFUSION W CC	1.1027							3	9		
071	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W CC	1.1054									1	3
197	04	MED	INTERSTITIAL LUNG DISEASE W CC	1.1176					1	4				
692	11	MED	URINARY STONES W ESW LITHOTRIPSY W/O CC/MCC	1.1186									1	1
381	06	MED	COMPLICATED PEPTIC ULCER W CC	1.1207					2	7			1	3
946	23	MED	REHABILITATION W/O CC/MCC	1.1273										
553	08	MED	BONE DISEASES & ARTHROPATHIES W MCC	1.1355					3	19				
836	17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W/O CC/MCC	1.1386										
640	10	MED	NUTRITIONAL & MISC METABOLIC DISORDERS W MCC	1.1400					7	13	2	7		
755	13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W CC	1.1444										
872	18	MED	SEPTICEMIA OR SEVERE SEPSIS W/O MV 96+ HOURS W/O MCC	1.1545	8	38			46	217	12	44	5	15
391	06	MED	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W MCC	1.1550	1	3			8	54	9	43	5	33
543	08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W CC	1.1597					1	3	3	10		
868	18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W CC	1.1614										
065	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W CC	1.1667	4	12			11	59	15	79	6	32
296	05	MED	CARDIAC ARREST, UNEXPLAINED W MCC	1.1692										
546	08	MED	CONNECTIVE TISSUE DISORDERS W CC	1.1712					2	6	4	15	1	3
124	02	MED	OTHER DISORDERS OF THE EYE W MCC	1.1903										
080	01	MED	NONTRAUMATIC STUPOR & COMA W MCC	1.1909					2	4			3	8
281	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W CC	1.1912					3	6				
190	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W MCC	1.1924					21	93	10	55	2	6
844	17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W CC	1.1940										
809	16	MED	MAJOR HEMATO/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W CC	1.1951					2	5				
383	06	MED	UNCOMPLICATED PEPTIC ULCER W MCC	1.1982										
549	08	MED	SEPTIC ARTHRITIS W CC	1.2035										
086	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W CC	1.2051	1	5			3	12	1	5		
695	11	MED	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS W MCC	1.2082					1	5				
099	01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W/O CC/MCC	1.2084									3	6
181	04	MED	RESPIRATORY NEOPLASMS W CC	1.2182	3	15			2	11			2	13
689	11	MED	KIDNEY & URINARY TRACT INFECTIONS W MCC	1.2185	1	4			5	25				
436	07	MED	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS W CC	1.2215					2	8				
308	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W MCC	1.2339					10	55	3	14	2	4
604	09	MED	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST W MCC	1.2361										
147	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W CC	1.2413									3	5
811	16	MED	RED BLOOD CELL DISORDERS W MCC	1.2544					8	51	2	11		
849	17	MED	RADIOTHERAPY	1.2627										
725	12	MED	BENIGN PROSTATIC HYPERTROPHY W MCC	1.2742										
945	23	MED	REHABILITATION W CC/MCC	1.2795							1	5		
375	06	MED	DIGESTIVE MALIGNANCY W CC	1.2801									1	5
150	03	MED	EPISTAXIS W MCC	1.2808									6	43
189	04	MED	PULMONARY EDEMA & RESPIRATORY FAILURE	1.2809	1	1			18	123	7	42		
839	17	MED	CHEMO W ACUTE LEUKEMIA AS SDX W/O CC/MCC	1.2823										
073	01	MED	CRANIAL & PERIPHERAL NERVE DISORDERS W MCC	1.2907					1	4				
935	22	MED	NON-EXTENSIVE BURNS	1.2919										
372	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W CC	1.2935	2	11			6	29	1	6	1	5
290	05	MED	ACUTE & SUBACUTE ENDOCARDITIS W/O CC/MCC	1.2959										
205	04	MED	OTHER RESPIRATORY SYSTEM DIAGNOSES W MCC	1.2972									1	2
606	09	MED	MINOR SKIN DISORDERS W MCC	1.3082										
540	08	MED	OSTEOMYELITIS W CC	1.3126							1	2		
083	01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W CC	1.3264										
913	21	MED	TRAUMATIC INJURY W MCC	1.3444										
922	21	MED	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W MCC	1.3478										
693	11	MED	URINARY STONES W/O ESW LITHOTRIPSY W MCC	1.3505										
535	08	MED	FRACTURES OF HIP & PELVIS W MCC	1.3527					2	6				
934	22	MED	FULL THICKNESS BURN W/O SKIN GRFT OR INHAL INJ	1.3556										
975	25	MED	HIV W MAJOR RELATED CONDITION W CC	1.3640							1	3		
727	12	MED	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM W MCC	1.3657					1	3				
562	08	MED	FX, SPRN, STRN & DISL EXCEPT FEMUR, HIP, PELVIS & THIGH W MCC	1.3944					1	8	1	3		
154	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W MCC	1.3965									1	10
299	05	MED	PERIPHERAL VASCULAR DISORDERS W MCC	1.4072										
067	01	MED	NONSPECIFIC CVA & PRECEREBRAL OCCLUSION W/O INFARCT W MCC	1.4231										
915	21	MED	ALLERGIC REACTIONS W MCC	1.4252									2	13
813	16	MED	COAGULATION DISORDERS	1.4372										
637	10	MED	DIABETES W MCC	1.4462					4	35	2	8		
306	05	MED	CARDIAC CONGENITAL & VALVULAR DISORDERS W MCC	1.4667										
564	08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W MCC	1.4702									1	5
602	09	MED	CELLULITIS W MCC	1.4748					1	12	1	2	3	23
193	04	MED	SIMPLE PNEUMONIA & PLEURISY W MCC	1.4796	2	22			15	92	13	93	1	6
054	01	MED	NERVOUS SYSTEM NEOPLASMS W MCC	1.4863	2	5			2	2	2	18	1	3
917	21	MED	POISONING & TOXIC EFFECTS OF DRUGS W MCC	1.4868					1	1				
088	01	MED	CONCUSSION W MCC	1.4872										
178	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W CC	1.4887	1	6			5	22			1	4
183	04	MED	MAJOR CHEST TRAUMA W MCC	1.4942										
291	05	MED	HEART FAILURE & SHOCK W MCC	1.4943	1	21			37	186	10	47	2	8
100	01	MED	SEIZURES W MCC	1.5107							1	5		
063	01	MED	ACUTE ISCHEMIC STROKE W USE OF THROMBOLYTIC AGENT W/O CC/MCC	1.5251					3	17				
444	07	MED	DISORDERS OF THE BILIARY TRACT W MCC	1.5586					4	13	1	4		
597	09	MED	MALIGNANT BREAST DISORDERS W MCC	1.5596										
186	04	MED	PLEURAL EFFUSION W MCC	1.5637					4	31				
865	18	MED	VIRAL ILLNESS W MCC	1.5651					1	6				
533	08	MED	FRACTURES OF FEMUR W MCC	1.5657										

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Cumberland		Hoke		Robeson		Scotland	
					Pts	Days	Pts	Days	Pts	Days	Pts	Days
157	03	MED	DENTAL & ORAL DISEASES W MCC	1.5794								
058	01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W MCC	1.5856								
919	21	MED	COMPLICATIONS OF TREATMENT W MCC	1.5903			1	2			2	20
557	08	MED	TENDONITIS, MYOSITIS & BURSTITIS W MCC	1.6021							1	3
196	04	MED	INTERSTITIAL LUNG DISEASE W MCC	1.6062			2	16	1	8	1	3
175	04	MED	PULMONARY EMBOLISM W MCC	1.6096							1	5
698	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W MCC	1.6098	1	12	9	50	2	5	1	5
052	01	MED	SPINAL DISORDERS & INJURIES W CC/MCC	1.6109								
691	11	MED	URINARY STONES W ESW LITHOTRIPSY W CC/MCC	1.6156								
091	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W MCC	1.6318			1	1	1	11		
841	17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W CC	1.6376							1	7
551	08	MED	MEDICAL BACK PROBLEMS W MCC	1.6398	1	2	2	12				
682	11	MED	RENAL FAILURE W MCC	1.6407	4	33	16	103	12	94		
814	16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W MCC	1.6431							1	3
388	06	MED	G.I. OBSTRUCTION W MCC	1.6457					1	6		
757	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W MCC	1.6565			2	10				
075	01	MED	VIRAL MENINGITIS W CC/MCC	1.6567								
393	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W MCC	1.6593			2	8	3	7	1	10
056	01	MED	DEGENERATIVE NERVOUS SYSTEM DISORDERS W MCC	1.6748					1	4		
722	12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W MCC	1.6891								
432	07	MED	CIRRHOSIS & ALCOHOLIC HEPATITIS W MCC	1.7001			2	24	2	7	1	5
283	05	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W MCC	1.7151	1	7	1	6			1	2
180	04	MED	RESPIRATORY NEOPLASMS W MCC	1.7361			2	16	3	18	2	8
077	01	MED	HYPERTENSIVE ENCEPHALOPATHY W MCC	1.7376								
377	06	MED	G.I. HEMORRHAGE W MCC	1.7541	1	1	5	29	6	42	2	6
368	06	MED	MAJOR ESOPHAGEAL DISORDERS W MCC	1.7578			1	5				
592	09	MED	SKIN ULCERS W MCC	1.7669			2	20	1	3		
559	08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W MCC	1.7717							1	12
199	04	MED	PNEUMOTHORAX W MCC	1.7895					1	12	1	2
435	07	MED	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS W MCC	1.8018					3	15	2	4
314	05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W MCC	1.8145			7	58	5	82	2	7
643	10	MED	ENDOCRINE DISORDERS W MCC	1.8159								
696	11	MED	KIDNEY & URINARY TRACT NEOPLASMS W MCC	1.8238								
441	07	MED	DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA W MCC	1.8242	1	7	4	27	1	4	3	24
438	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W MCC	1.8342			1	5	1	6		
843	17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W MCC	1.8363							1	32
070	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W MCC	1.8417			2	13				
289	05	MED	ACUTE & SUBACUTE ENDOCARDITIS W CC	1.8492								
280	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W MCC	1.8503	3	16	5	39	2	5	2	8
064	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W MCC	1.8674			8	80	5	28	3	45
595	09	MED	MAJOR SKIN DISORDERS W MCC	1.8690								
871	18	MED	SEPTICEMIA OR SEVERE SEPSIS W/O MV 96+ HOURS W MCC	1.9074	3	29	63	467	23	155	11	80
385	06	MED	INFLAMMATORY BOWEL DISEASE W MCC	1.9102								
098	01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W CC	1.9106					2	9		
096	01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W/O CC/MCC	1.9247					1	7		
062	01	MED	ACUTE ISCHEMIC STROKE W USE OF THROMBOLYTIC AGENT W CC	1.9479								
862	18	MED	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS W MCC	1.9511			1	10	1	13	1	16
542	08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W MCC	1.9521							1	12
548	08	MED	SEPTIC ARTHRITIS W MCC	1.9648								
380	06	MED	COMPLICATED PEPTIC ULCER W MCC	1.9656								
Medical DRGs with Acuity Greater than 2.0												
286	05	MED	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W MCC	2.0014	1	2	7	66	7	34	5	14
082	01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W MCC	2.0130					2	9		
754	13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W MCC	2.0295							1	6
539	08	MED	OSTEOMYELITIS W MCC	2.0467								
177	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W MCC	2.0667	1	3	9	53	1	9		
374	06	MED	DIGESTIVE MALIGNANCY W MCC	2.0674								
371	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W MCC	2.0986	1	4			1	23	1	5
085	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W MCC	2.1423							1	5
808	16	MED	MAJOR HEMATOL/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W MCC	2.1479			1	5	2	25		
146	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W MCC	2.1886			1	4				
846	17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W MCC	2.1961								
933	22	MED	EXTENSIVE BURNS OR FULL THICKNESS BURNS W MV 96+ HRS W/O SKIN GRAFT	2.1979					2	28		
208	04	MED	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT <96 HOURS	2.2630	1	1	5	16				
095	01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W CC	2.3977								
835	17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W CC	2.4284								
867	18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W MCC	2.4708							1	6
545	08	MED	CONNECTIVE TISSUE DISORDERS W MCC	2.5467								
974	25	MED	HIV W MAJOR RELATED CONDITION W MCC	2.5849								
840	17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W MCC	2.9317					1	20		
288	05	MED	ACUTE & SUBACUTE ENDOCARDITIS W MCC	2.9397			1	1				
061	01	MED	ACUTE ISCHEMIC STROKE W USE OF THROMBOLYTIC AGENT W MCC	2.9568								
838	17	MED	CHEMO W ACUTE LEUKEMIA AS SDX W CC OR HIGH DOSE CHEMO AGENT	3.1428								
097	01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W MCC	3.2191								
094	01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W MCC	3.6769								
834	17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W MCC	4.9277								
207	04	MED	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT 96+ HOURS	5.2068			2	30	5	84	1	9
870	18	MED	SEPTICEMIA OR SEVERE SEPSIS W MV 96+ HOURS	5.8305	1	18	4	102				
837	17	MED	CHEMO W ACUTE LEUKEMIA AS SDX OR W HIGH DOSE CHEMO AGENT W MCC	6.6599								
Surgical DRGs with Acuity Less than 2.0												
714	12	SURG	TRANSURETHRAL PROSTATECTOMY W/O CC/MCC	0.6544								
770	14	SURG	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY	0.7017								
117	02	SURG	INTRAOCULAR PROCEDURES W/O CC/MCC	0.7305						1	3	
670	11	SURG	TRANSURETHRAL PROCEDURES W/O CC/MCC	0.7770							5	6
627	10	SURG	THYROID, PARATHYROID & THYROID GLAND PROCEDURES W/O CC/MCC	0.7821	6	7	4	5	6	16		
138	03	SURG	MOUTH PROCEDURES W/O CC/MCC	0.7841								
672	11	SURG	URETHRAL PROCEDURES W/O CC/MCC	0.7885								
667	11	SURG	PROSTATECTOMY W/O CC/MCC	0.7919	1	2						
349	06	SURG	ANAL & STOMAL PROCEDURES W/O CC/MCC	0.7981			1	1				
718	12	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXC MALIGNANCY W/O CC/MCC	0.8044								
745	13	SURG	D&C, CONIZATION, LAPAROSCOPY & TUBAL INTERRUPTION W/O CC/MCC	0.8045								
712	12	SURG	TESTES PROCEDURES W/O CC/MCC	0.8084								
514	08	SURG	HAND OR WRIST PROC, EXCEPT MAJOR THUMB OR JOINT PROC W/O CC/MCC	0.8209					1	2		
583	09	SURG	MASTECTOMY FOR MALIGNANCY W/O CC/MCC	0.8454			2	2	2	2	1	1
134	03	SURG	OTHER EAR, NOSE, MOUTH & THROAT O.R. PROCEDURES W/O CC/MCC	0.8514			1	1	2	2	1	3
352	06	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W/O CC/MCC	0.8628	1	1					2	8
139	03	SURG	SALIVARY GLAND PROCEDURES	0.8756								
747	13	SURG	VAGINA, CERVIX & VULVA PROCEDURES W/O CC/MCC	0.8852								
114	02	SURG	ORBITAL PROCEDURES W/O CC/MCC	0.8989								
743	13	SURG	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	0.9079	1	3	5	9	5	10	11	29
748	13	SURG	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.9169			2	4	2	4		
581	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W/O CC/MCC	0.9223	2	4			2	7		

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Cumberland		Hoke		Robeson		Scotland	
					Pts	Days	Pts	Days	Pts	Days	Pts	Days
750	13	SURG	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES W/O CC/MCC	0.9368	1	2						
343	06	SURG	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W/O CC/MCC	0.9568			8	11	2	2	2	2
257	05	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W/O CC/MCC	0.9750			1	2				
136	03	SURG	SINUS & MASTOID PROCEDURES W/O CC/MCC	0.9751								
491	08	SURG	BACK & NECK PROC EXC SPINAL FUSION W/O CC/MCC	0.9914	22	40	3	4	13	28	4	11
499	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES OF HIP & FEMUR W/O CC/MCC	0.9917								
476	08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W/O CC/MCC	0.9920								
716	12	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC FOR MALIGNANCY W/O CC/MCC	0.9974								
624	10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W/O CC/MCC	1.0122							13	15
039	01	SURG	EXTRACRANIAL PROCEDURES W/O CC/MCC	1.0185								
502	08	SURG	SOFT TISSUE PROCEDURES W/O CC/MCC	1.0305	1	1	2	4	1	1	1	3
355	06	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W/O CC/MCC	1.0329	2	4	4	8	3	11	1	1
906	21	SURG	HAND PROCEDURES FOR INJURIES	1.0356								
585	09	SURG	BREAST BIOPSY, LOCAL EXCISION & OTHER BREAST PROCEDURES W/O CC/MCC	1.0411							1	8
578	09	SURG	SKIN GRAFT &/OR DEBRID EXC FOR SKIN ULCER OR CELLULITIS W/O CC/MCC	1.0416								
804	16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W/O CC/MCC	1.0446					1	1	1	1
512	08	SURG	SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC W/O CC/MCC	1.0461			1	1	1	2	1	1
582	09	SURG	MASTECTOMY FOR MALIGNANCY W/O CC/MCC	1.0567								
989		SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W/O CC/MCC	1.0589			1	5				
903	21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W/O CC/MCC	1.0624							1	1
497	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W/O CC/MCC	1.0770							1	3
505	08	SURG	FOOT PROCEDURES W/O CC/MCC	1.0770								
575	09	SURG	SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS W/O CC/MCC	1.0899								
830	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER O.R. PROC W/O CC/MCC	1.0976								
741	13	SURG	UTERINE, ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG W/O CC/MCC	1.0979							1	1
664	11	SURG	MINOR BLADDER PROCEDURES W/O CC/MCC	1.1074								
986		SURG	PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W/O CC/MCC	1.1140							1	4
941	23	SURG	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W/O CC/MCC	1.1457	2	4	3	4	2	7		
909	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W/O CC/MCC	1.1554								
735	13	SURG	PELVIC EVISCERATION, RAD HYSTERECTOMY & RAD VULVECTOMY W/O CC/MCC	1.1684								
419	07	SURG	LAPAROSCOPIC CHOLECYSTECTOMY W/O C.D.E. W/O CC/MCC	1.1684	1	1	6	13	3	5	3	8
626	10	SURG	THYROID, PARATHYROID & THYROIDECTOMY PROCEDURES W/O CC/MCC	1.1701			3	3			1	1
905	21	SURG	SKIN GRAFTS FOR INJURIES W/O CC/MCC	1.1714								
713	12	SURG	TRANSURETHRAL PROSTATECTOMY W/O CC/MCC	1.1802			1	1	1	5		
506	08	SURG	MAJOR THUMB OR JOINT PROCEDURES	1.1815			1	6			1	8
346	06	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W/O CC/MCC	1.1883								
618	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE, NUTRIT, & METABOL DIS W/O CC/MCC	1.2006								
115	02	SURG	EXTRAOCULAR PROCEDURES EXCEPT ORBIT	1.2084								
489	08	SURG	KNEE PROCEDURES W/O PDX OF INFECTION W/O CC/MCC	1.2141	2	8	1	2	3	8	1	2
822	17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W/O CC/MCC	1.2253								
130	03	SURG	MAJOR HEAD & NECK PROCEDURES W/O CC/MCC	1.2299								
738	13	SURG	MAJOR HEAD & NECK PROCEDURES W/O CC/MCC	1.2324			1	3				
340	06	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W/O CC/MCC	1.2393			2	4				
825	17	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W/O CC/MCC	1.2418								
132	03	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W/O CC/MCC	1.2447								
708	12	SURG	CRANIAL/FACIAL PROCEDURES W/O CC/MCC	1.2581	6	7	2	4	10	18	1	1
669	11	SURG	MAJOR MALE PELVIC PROCEDURES W/O CC/MCC	1.2597	2	12	1	3	1	12	1	5
661	11	SURG	TRANSURETHRAL PROCEDURES W/O CC/MCC	1.2641								
116	02	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W/O CC/MCC	1.2675								
710	12	SURG	INTRAOCCULAR PROCEDURES W/O CC/MCC	1.2712								
422	07	SURG	PENIS PROCEDURES W/O CC/MCC	1.2742								
137	03	SURG	HEPATOBILIARY DIAGNOSTIC PROCEDURES W/O CC/MCC	1.3007								
513	08	SURG	MOUTH PROCEDURES W/O CC/MCC	1.3007			2	7	1	3		
358	06	SURG	MOUSE MAJOR THUMB OR JOINT PROC W/O CC/MCC	1.3010					1	7	1	1
858	18	SURG	HAND OR WRIST PROC, EXCEPT MAJOR THUMB OR JOINT PROC W/O CC/MCC	1.3010					1	9		
416	07	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W/O CC/MCC	1.3050			1	4				
494	08	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W/O CC/MCC	1.3080								
509	08	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W/O CC/MCC	1.3140	3	25	4	11	2	3	1	3
342	06	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP, FOOT, FEMUR W/O CC/MCC	1.3148								
746	13	SURG	ARTHROSCOPY	1.3246	1	2						
675	11	SURG	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W/O CC/MCC	1.3373			1	1				
351	06	SURG	VAGINA, CERVIX & VULVA PROCEDURES W/O CC/MCC	1.3379								
348	06	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W/O CC/MCC	1.3539								
855	18	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W/O CC/MCC	1.3705			1	2	1	1	1	1
828	17	SURG	ANAL & STOMAL PROCEDURES W/O CC/MCC	1.3797								
742	13	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W/O CC/MCC	1.3861								
508	08	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W/O CC/MCC	1.3883	1	1	2	8	1	4	1	7
615	10	SURG	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	1.3956								
630	10	SURG	MAJOR SHOULDER OR ELBOW JOINT PROCEDURES W/O CC/MCC	1.3970								
658	11	SURG	ADRENAL & PITUITARY PROCEDURES W/O CC/MCC	1.4164					5	20	1	4
328	06	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W/O CC/MCC	1.4224								
671	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W/O CC/MCC	1.4298			2	8	4	5		
241	05	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W/O CC/MCC	1.4400								
511	08	SURG	URETHRAL PROCEDURES W/O CC/MCC	1.4631	1	1	1	2				
663	11	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W/O CC/MCC	1.4690	1	8						
487	08	SURG	SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC W/O CC/MCC	1.4718								
621	10	SURG	MINOR BLADDER PROCEDURES W/O CC/MCC	1.4724								
337	06	SURG	KNEE PROCEDURES W PDX OF INFECTION W/O CC/MCC	1.4747								
517	08	SURG	O.R. PROCEDURES FOR OBESITY W/O CC/MCC	1.4789	1	3	1	1	2	6	2	13
580	09	SURG	PERITONEAL ADHESIOLYSIS W/O CC/MCC	1.4797					1	2		
744	13	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W/O CC/MCC	1.4959			6	46			1	1
584	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W/O CC/MCC	1.5151								
740	13	SURG	D&C, CONIZATION, LAPAROSCOPY & TUBAL INTERRUPTION W/O CC/MCC	1.5153								
482	08	SURG	BREAST BIOPSY, LOCAL EXCISION & OTHER BREAST PROCEDURES W/O CC/MCC	1.5280								
038	01	SURG	UTERINE, ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG W/O CC/MCC	1.5372			3	9	5	16		
354	06	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W/O CC/MCC	1.5462			2	13			3	14
801	16	SURG	EXTRACRANIAL PROCEDURES W/O CC/MCC	1.5472					5	15	1	2
504	08	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W/O CC/MCC	1.5523								
501	08	SURG	SPLENECTOMY W/O CC/MCC	1.5585			1	1				
256	05	SURG	FOOT PROCEDURES W/O CC/MCC	1.5685					3	11	2	20
334	06	SURG	SOFT TISSUE PROCEDURES W/O CC/MCC	1.5846					1	5		
410	07	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W/O CC/MCC	1.5969					1	5		
717	12	SURG	RECTAL RESECTION W/O CC/MCC	1.5979								
254	05	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W/O CC/MCC	1.6114								
496	08	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXC MALIGNANCY W/O CC/MCC	1.6138							8	31
331	06	SURG	OTHER VASCULAR PROCEDURES W/O CC/MCC	1.6152					1	5		
425	07	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXC MALIGNANCY W/O CC/MCC	1.6207	1	1	2	11			1	7
479	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W/O CC/MCC	1.6267	1	5	3	11	4	16	3	12
030	01	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W/O CC/MCC	1.6273								
666	11	SURG	OTHER HEPATOBILIARY OR PANCREAS O.R. PROCEDURES W/O CC/MCC	1.6367	2	7	2	9				
940	23	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W/O CC/MCC	1.6433	1	2			1	1		
418	07	SURG	SPINAL PROCEDURES W/O CC/MCC	1.6440								
		SURG	PROSTATECTOMY W/O CC/MCC	1.6797			1	9	1	12		
		SURG	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W/O CC/MCC	1.6996	2	9	6	20	6	36	5	20

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Cumberland		Hoke		Robeson		Scotland	
					Pts	Days	Pts	Days	Pts	Days	Pts	Days
133	03	SURG	OTHER EAR, NOSE, MOUTH & THROAT O.R. PROCEDURES W CC/MCC	1.7000			1	5				
345	06	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W CC	1.7035								
577	09	SURG	SKIN GRAFT &/OR DEBRID EXC FOR SKIN ULCER OR CELLULITIS W CC	1.7035			1	1				
413	07	SURG	CHOLECYSTECTOMY W C.D.E. W/O CC/MCC	1.7180								
488	08	SURG	KNEE PROCEDURES W/O PDX OF INFECTION W CC/MCC	1.7217					1	2	1	2
715	12	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC FOR MALIGNANCY W CC/MCC	1.7433			1	1	2	9		
711	12	SURG	TESTES PROCEDURES W CC/MCC	1.7639								
707	12	SURG	MAJOR MALE PELVIC PROCEDURES W CC/MCC	1.7747	3	23			3	12	3	14
983		SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W/O CC/MCC	1.7767	1	1			1	1	1	7
465	08	SURG	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCULO-CONN TISS DIS W/O CC/MCC	1.7905	1	4			1	2		
490	08	SURG	BACK & NECK PROC EXC SPINAL FUSION W CC/MCC OR DISC DEVICE/NEUROSTIM	1.7916	10	36	1	3	6	27	4	23
902	21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W CC	1.7922					1	2		
113	02	SURG	ORBITAL PROCEDURES W CC/MCC	1.8311								
493	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP, FOOT, FEMUR W CC	1.8519			3	30				
623	10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W CC	1.8558			1	3			1	3
620	10	SURG	O.R. PROCEDURES FOR OBESITY W CC	1.8627								
709	12	SURG	PENIS PROCEDURES W CC/MCC	1.8630								
339	06	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W CC	1.8659					1	3		
407	07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W/O CC/MCC	1.8665								
574	09	SURG	SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS W CC	1.8675			3	87				
507	08	SURG	MAJOR SHOULDER OR ELBOW JOINT PROCEDURES W CC/MCC	1.8711	1	2						
988		SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W CC	1.8739	1	7			1	9		
481	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W CC	1.8886	1	5	5	24	3	20	2	14
803	16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W CC	1.8905	1	9						
421	07	SURG	HEPATOBIILIARY DIAGNOSTIC PROCEDURES W CC	1.8910								
660	11	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W CC	1.9030	1	2	1	10				
135	03	SURG	SINUS & MASTOID PROCEDURES W CC/MCC	1.9082								
516	08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W CC	1.9244	2	11	1	3	1	5		
908	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W CC	1.9251			1	12			1	10
484	08	SURG	MAJOR JOINT & LIMB REATTACHMENT PROC OF UPPER EXTREMITY W/O CC/MCC	1.9554	2	3	4	8	5	11	3	6
655	11	SURG	MAJOR BLADDER PROCEDURES W/O CC/MCC	1.9567								
475	08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W CC	1.9594								
498	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES OF HIP & FEMUR W CC/MCC	1.9912	1	3						
Surgical DRGs with Acuity Greater than 2.0												
657	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W CC	2.0004							2	10
617	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE, NUTRIT, & METABOL DIS W CC	2.0006			1	10				
486	08	SURG	KNEE PROCEDURES W PDX OF INFECTION W CC	2.0339			1	4				
737	13	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W CC	2.0375								
929	22	SURG	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W/O CC/MCC	2.0557								
769	14	SURG	POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PROCEDURE	2.0631								
473	08	SURG	CERVICAL SPINAL FUSION W/O CC/MCC	2.0768	28	35	4	5	2	5	5	9
415	07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W CC	2.0897								
131	03	SURG	CRANIAL/FACIAL PROCEDURES W CC/MCC	2.0915								
674	11	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W CC	2.0934					2	10		
857	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W CC	2.0975	1	6	1	6	1	2		
470	08	SURG	MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	2.1039	26	83	40	144	115	343	27	78
035	01	SURG	CAROTID ARTERY STENT PROCEDURE W CC	2.1437					1	8		
827	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W CC	2.1459								
357	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W CC	2.1466					1	8		
985		SURG	PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W CC	2.1508								
510	08	SURG	SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC W MCC	2.1704								
129	03	SURG	MAJOR HEAD & NECK PROCEDURES W CC/MCC OR MAJOR DEVICE	2.2349								
625	10	SURG	THYROID, PARATHYROID & THYROID GLAND PROCEDURES W MCC	2.2423								
478	08	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W CC	2.2546	1	1	2	8	2	11	1	6
341	06	SURG	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W MCC	2.2643			2	4			1	1
629	10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W CC	2.2650			3	30			1	8
503	08	SURG	FOOT PROCEDURES W MCC	2.2809								
824	17	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W CC	2.3055					1	10	1	12
336	06	SURG	PERITONEAL ADHESIOSIS W CC	2.3456	1	4	5	32	3	16	4	32
821	17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W CC	2.3998								
253	05	SURG	OTHER VASCULAR PROCEDURES W CC	2.4014	1	5	2	15	8	36	9	61
483	08	SURG	MAJOR JOINT & LIMB REATTACHMENT PROC OF UPPER EXTREMITY W CC/MCC	2.4019	1	2	2	6			2	10
347	06	SURG	ANAL & STOMAL PROCEDURES W MCC	2.4183					1	11		
424	07	SURG	OTHER HEPATOBIILIARY OR PANCREAS O.R. PROCEDURES W CC	2.4335								
734	13	SURG	PELVIC EVISCERATION, RAD HYSTERECTOMY & RAD VULVECTOMY W CC/MCC	2.4364								
614	10	SURG	ADRENAL & PITUITARY PROCEDURES W CC/MCC	2.4554								
409	07	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W CC	2.4875								
350	06	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W MCC	2.4877			1	8				
412	07	SURG	CHOLECYSTECTOMY W C.D.E. W CC	2.4912							1	8
333	06	SURG	RECTAL RESECTION W CC	2.4960			1	5	1	8		
417	07	SURG	LAPAROSCOPIC CHOLECYSTECTOMY W/O C.D.E. W MCC	2.5029			2	20	1	18		
255	05	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W MCC	2.5043					1	2		
668	11	SURG	TRANSURETHRAL PROCEDURES W MCC	2.5175			1	8				
749	13	SURG	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES W CC/MCC	2.5275							1	2
264	05	SURG	OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	2.5305			1	1	2	4	5	15
468	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W/O CC/MCC	2.5728	2	10	4	11	7	25		
330	06	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W CC	2.5830			4	25	3	29	8	82
800	16	SURG	SPLENECTOMY W CC	2.5874								
240	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W CC	2.6589			2	13			4	39
829	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER O.R. PROC W CC/MCC	2.7093								
327	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W CC	2.7231			2	8	1	5		
353	06	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W MCC	2.7510								
472	08	SURG	CERVICAL SPINAL FUSION W CC	2.7722	1	2	1	7	2	2	1	23
406	07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W CC	2.7791								
854	18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W CC	2.7883			4	34	2	38		
876	19	SURG	O.R. PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL ILLNESS	2.8143								
464	08	SURG	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCULO-CONN TISS DIS W CC	2.8528	1	6	1	9	1	52		
665	11	SURG	PROSTATECTOMY W MCC	2.8653								
495	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W MCC	2.8683					1	3		
939	23	SURG	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W MCC	2.8702								
029	01	SURG	SPINAL PROCEDURES W CC OR SPINAL NEUROSTIMULATORS	2.8741					3	29		
673	11	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W MCC	2.9260								
904	21	SURG	SKIN GRAFTS FOR INJURIES W CC/MCC	2.9335								
982		SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W CC	2.9402	1	4	4	17	1	4	3	15
579	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W MCC	2.9576			1	6				
252	05	SURG	OTHER VASCULAR PROCEDURES W MCC	2.9754	1	4	9	41	3	8	4	31
654	11	SURG	MAJOR BLADDER PROCEDURES W CC	3.0054					1	4		
662	11	SURG	MINOR BLADDER PROCEDURES W MCC	3.0158					1	3		
500	08	SURG	SOFT TISSUE PROCEDURES W MCC	3.0288			1	9				
652	11	SURG	KIDNEY TRANSPLANT	3.0442								
492	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP, FOOT, FEMUR W MCC	3.0670			1	7				
480	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W MCC	3.0939			5	35	1	9		

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Cumberland		Hoke		Robeson		Scotland	
					Pts	Days	Pts	Days	Pts	Days	Pts	Days
037	01	SURG	EXTRACRANIAL PROCEDURES W MCC	3.1543					1	6		
344	06	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W MCC	3.1586								
515	08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W MCC	3.1894					1	6		
338	06	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W MCC	3.2115								
485	08	SURG	KNEE PROCEDURES W PDX OF INFECTION W MCC	3.2131								
467	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W CC	3.2321	5	18	3	11	7	33	3	11
573	09	SURG	SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS W MCC	3.2461								
984	08	SURG	PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	3.3242								
477	08	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W MCC	3.3286			1	7				
462	08	SURG	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY W/O MCC	3.3425	7	25	9	26	26	72	7	19
628	10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W MCC	3.3819			1	9				
622	10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W MCC	3.4166			1	9				
739	13	SURG	UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG W MCC	3.4300								
987	08	SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	3.4495			2	11	2	42		
469	08	SURG	MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W MCC	3.4724			1	10	4	41		
474	08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W MCC	3.4905								
659	11	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W MCC	3.4988								
619	10	SURG	O.R. PROCEDURES FOR OBESITY W MCC	3.5214								
656	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W MCC	3.5713			1	5				
802	16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W MCC	3.6171								
420	07	SURG	HEPATOBIILIARY DIAGNOSTIC PROCEDURES W MCC	3.6443								
414	07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W MCC	3.6675			2	21				
411	07	SURG	CHOLECYSTECTOMY W C.D.E. W MCC	3.6818								
907	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W MCC	3.8268			1	10	2	21		
460	08	SURG	SPINAL FUSION EXCEPT CERVICAL W/O MCC	3.8713	13	37	5	18	25	87	10	38
901	21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W MCC	3.9042								
576	09	SURG	SKIN GRAFT &/OR DEBRID EXC FOR SKIN ULCER OR CELLULITIS W MCC	3.9248								
408	07	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W MCC	3.9368								
356	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W MCC	4.0293	1	84					1	7
335	06	SURG	PERITONEAL ADHESIOLYSIS W MCC	4.2777			1	3			1	8
736	13	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W MCC	4.3943								
423	07	SURG	OTHER HEPATOBIILIARY OR PANCREAS O.R. PROCEDURES W MCC	4.4577								
616	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DIS W MCC	4.4934			1	25				
239	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W MCC	4.5544			2	23	3	22	4	69
823	17	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W MCC	4.5640								
471	08	SURG	CERVICAL SPINAL FUSION W MCC	4.7301			1	3	1	8		
928	22	SURG	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W CC/MCC	4.7724								
332	06	SURG	RECTAL RESECTION W MCC	4.8635								
826	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W MCC	4.8666								
466	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W MCC	4.9144					2	22		
458	08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W/O CC/MCC	4.9379								
461	08	SURG	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY W MCC	4.9385					2	11		
799	16	SURG	SPLENECTOMY W MCC	4.9434								
463	08	SURG	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCULO-CONN TISS DIS W MCC	4.9983								
981	08	SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	5.0634			3	32	2	32	3	36
856	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W MCC	5.1296			1	7	1	3	1	11
329	06	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W MCC	5.2807			1	5	1	6	3	28
455	08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W/O CC/MCC	5.4308								
853	18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W MCC	5.5237	2	17	15	210	5	75	2	31
405	07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W MCC	5.5743								
820	17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W MCC	5.7112	1	8						
326	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W MCC	5.8142			1	9	2	36		
653	11	SURG	MAJOR BLADDER PROCEDURES W MCC	6.0929								
457	08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W CC	6.2024								
459	08	SURG	SPINAL FUSION EXCEPT CERVICAL W MCC	6.5065	1	6	1	11	1	13		
454	08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W CC	7.2559								
456	08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W MCC	9.2885								
453	08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W MCC	10.2653								
927	22	SURG	EXTENSIVE BURNS OR FULL THICKNESS BURNS W MV 96+ HRS W SKIN GRAFT	12.6651								
					Cumberland		Hoke		Robeson		Scotland	
					Pts	Days	Pts	Days	Pts	Days	Pts	Days
				Total	350	1281	1499	6482	1076	4390	615	2526
				ALOS		3.7		4.3		4.1		4.1
				Total Surgery	187	626	286	1464	412	1691	222	1055
				ALOS		3.3		5.1		4.1		4.8
				Total Medicine	163	655	1213	5018	664	2699	393	1471
				ALOS		4.0		4.1		4.1		3.7
				Total Less than 2.0	250	896	1303	5191	785	2903	490	1781
				ALOS		3.6		4.0		3.7		3.6
				Total Surgery Less than 2.0	92	463	183	1174	296	1358	131	779
				ALOS		5.0		6.4		4.6		5.9
				Total Medicine less than 2.0	158	433	1120	4017	489	1545	359	1002
				ALOS		2.7		3.6		3.2		2.8
				% of Total Greater than 2.0	28.6%	30.1%	13.1%	19.9%	27.0%	33.9%	20.3%	29.5%
				% of Surgery Greater than 2.0	50.8%	26.0%	36.0%	19.8%	28.2%	19.7%	41.0%	26.2%
				% of Medicine Greater than 2.0	3.1%	33.9%	7.7%	19.9%	26.4%	42.8%	8.7%	31.9%

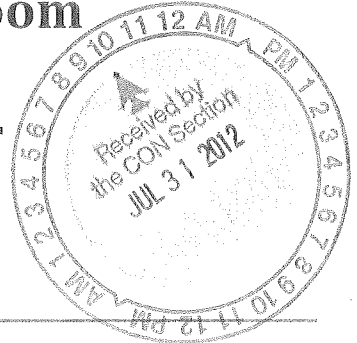
Source: FH Application pages 482-500

Notes:

FH Included Chemical Dependency DRGs 894-897 - These were deleted in the above data

FH Included Surgical DRGs 853 and 857 in medical category for Hoke - These were corrected and included in medical in the above data

**Comments in Opposition from
Cape Fear Valley Health System, Inc.
Regarding FirstHealth of the Carolinas, Inc.
Certificate of Need Application
Project I.D #N-8843-12
Relocation of One Operating Room
to FirstHealth Hoke
Submitted June 15, 2012 for
July 1, 2012 Review Cycle**



Attachment 5 - 9

ATTACHMENT 5

Attachment 5

CFVHS Acute Care Definition - DRG Exclusions

MS-DRG	MDC	TYPE	MS-DRG Title	Weights
795	15	MED	NORMAL NEWBORN	0.1649
880	19	MED	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION	0.6161
881	19	MED	DEPRESSIVE NEUROSES	0.6178
882	19	MED	NEUROSES EXCEPT DEPRESSIVE	0.6276
883	19	MED	DISORDERS OF PERSONALITY & IMPULSE CONTROL	1.0694
884	19	MED	ORGANIC DISTURBANCES & MENTAL RETARDATION	0.9308
885	19	MED	PSYCHOSES	0.9041
886	19	MED	BEHAVIORAL & DEVELOPMENTAL DISORDERS	0.7903
887	19	MED	OTHER MENTAL DISORDER DIAGNOSES	0.7888
894	20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA	0.4074
895	20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W REHABILITATION THERAPY	1.0275
896	20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W MCC	1.4565
897	20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	0.6513
945	23	MED	REHABILITATION W CC/MCC	1.2795
946	23	MED	REHABILITATION W/O CC/MCC	1.1273

<u>Service Line</u>	<u>DRG</u>	<u>DRG Description</u>
CARDIOLOGY (S)	215	OTHER HEART ASSIST SYSTEM IMPLANT
CARDIOLOGY (S)	222	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK W MCC
CARDIOLOGY (S)	223	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK W/O MCC
CARDIOLOGY (S)	224	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK W MCC
CARDIOLOGY (S)	225	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK W/O MCC
CARDIOLOGY (S)	226	CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH W MCC
CARDIOLOGY (S)	227	CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH W/O MCC
CARDIOLOGY (S)	237	MAJOR CARDIOVASC PROCEDURES W MCC OR THORACIC AORTIC ANEURYSM REPAIR
CARDIOLOGY (S)	238	MAJOR CARDIOVASC PROCEDURES W/O MCC
CARDIOLOGY (S)	242	PERMANENT CARDIAC PACEMAKER IMPLANT W MCC
CARDIOLOGY (S)	243	PERMANENT CARDIAC PACEMAKER IMPLANT W CC
CARDIOLOGY (S)	244	PERMANENT CARDIAC PACEMAKER IMPLANT W/O CC/MCC
CARDIOLOGY (S)	245	AICD GENERATOR PROCEDURES
CARDIOLOGY (S)	245	AICD LEAD & GENERATOR PROCEDURES
CARDIOLOGY (S)	246	PERC CARDIOVASC PROC W DRUG-ELUTING STENT W MCC OR 4+ VESSELS/STENT
CARDIOLOGY (S)	247	PERC CARDIOVASC PROC W DRUG-ELUTING STENT W/O MCC
CARDIOLOGY (S)	248	PERC CARDIOVASC PROC W NON-DRUG-ELUTING STENT W MCC OR 4+ VES/STENT
CARDIOLOGY (S)	249	PERC CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MCC
CARDIOLOGY (S)	250	PERC CARDIOVASC PROC W/O CORONARY ARTERY STENT OR AMI W MCC
CARDIOLOGY (S)	250	PERC CARDIOVASC PROC W/O CORONARY ARTERY STENT W MCC
CARDIOLOGY (S)	251	PERC CARDIOVASC PROC W/O CORONARY ARTERY STENT OR AMI W/O MCC
CARDIOLOGY (S)	251	PERC CARDIOVASC PROC W/O CORONARY ARTERY STENT W/O MCC
CARDIOLOGY (S)	258	CARDIAC PACEMAKER DEVICE REPLACEMENT W MCC
CARDIOLOGY (S)	259	CARDIAC PACEMAKER DEVICE REPLACEMENT W/O MCC
CARDIOLOGY (S)	260	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W MCC
CARDIOLOGY (S)	261	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W CC
CARDIOLOGY (S)	262	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W/O CC/MCC
CARDIOLOGY (S)	265	AICD LEAD PROCEDURES
GENERAL MEDICINE	945	REHABILITATION W CC/MCC
GENERAL MEDICINE	946	REHABILITATION W/O CC/MCC
NEONATOLOGY	789	NEONATES, DIED OR TRANSFERRED TO ANOTHER ACUTE CARE FACILITY
NEONATOLOGY	790	EXTREME IMMATURETY OR RESPIRATORY DISTRESS SYNDROME, NEONATE
NEONATOLOGY	791	PREMATURITY W MAJOR PROBLEMS
NEONATOLOGY	792	PREMATURITY W/O MAJOR PROBLEMS
NEONATOLOGY	793	FULL TERM NEONATE W MAJOR PROBLEMS
NEONATOLOGY	794	NEONATE W OTHER SIGNIFICANT PROBLEMS

<u>Service Line</u>	<u>DRG</u>	<u>DRG Description</u>
NEUROSURGERY	020	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W MCC
NEUROSURGERY	021	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W CC
NEUROSURGERY	022	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W/O CC/MCC
NEUROSURGERY	023	CRANIO W MAJOR DEV IMPL/ACUTE COMPLEX CNS PDX W MCC OR CHEMO IMPLAN
NEUROSURGERY	024	CRANIO W MAJOR DEV IMPL/ACUTE COMPLEX CNS PDX W/O MCC
NEUROSURGERY	025	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W MCC
NEUROSURGERY	026	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W CC
NEUROSURGERY	027	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W/O CC/MCC
NEUROSURGERY	028	SPINAL PROCEDURES W MCC
NEUROSURGERY	029	SPINAL PROCEDURES W CC OR SPINAL NEUROSTIMULATORS
NEUROSURGERY	030	SPINAL PROCEDURES W/O CC/MCC
NEUROSURGERY	031	VENTRICULAR SHUNT PROCEDURES W MCC
NEUROSURGERY	032	VENTRICULAR SHUNT PROCEDURES W CC
NEUROSURGERY	033	VENTRICULAR SHUNT PROCEDURES W/O CC/MCC
NEUROSURGERY	040	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W MCC
NEUROSURGERY	041	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W CC OR PERIPH NEUROSTI
NEUROSURGERY	042	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W/O CC/MCC
NEUROSURGERY / ORTHOPEDICS	453	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W MCC
NEUROSURGERY / ORTHOPEDICS	454	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W CC
NEUROSURGERY / ORTHOPEDICS	455	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W/O CC/MCC
NEUROSURGERY / ORTHOPEDICS	456	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W MCC
NEUROSURGERY / ORTHOPEDICS	457	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W CC
NEUROSURGERY / ORTHOPEDICS	458	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W/O CC/MCC
NEUROSURGERY / ORTHOPEDICS	459	SPINAL FUSION EXCEPT CERVICAL W MCC
NEUROSURGERY / ORTHOPEDICS	460	SPINAL FUSION EXCEPT CERVICAL W/O MCC
NEUROSURGERY / ORTHOPEDICS	471	MS CERVICAL SPINAL FUSION W MCC
NEUROSURGERY / ORTHOPEDICS	472	CERVICAL SPINAL FUSION W CC
NEUROSURGERY / ORTHOPEDICS	473	CERVICAL SPINAL FUSION W/O CC/MCC
NEUROSURGERY / ORTHOPEDICS	490	BACK & NECK PROC EXC SPINAL FUSION W CC/MCC OR DISC DEVICE/NEUROSTI
NEUROSURGERY / ORTHOPEDICS	491	BACK & NECK PROC EXC SPINAL FUSION W/O CC/MCC
NORMAL NEWBORNS	795	NORMAL NEWBORN
OB/DELIVERY	765	CESAREAN SECTION W CC/MCC
OB/DELIVERY	766	CESAREAN SECTION W/O CC/MCC
OB/DELIVERY	767	VAGINAL DELIVERY W STERILIZATION &/OR D&C
OB/DELIVERY	768	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C
OB/DELIVERY	774	VAGINAL DELIVERY W COMPLICATING DIAGNOSES

<u>Service Line</u>	<u>DRG</u>	<u>DRG Description</u>
OB/DELIVERY	775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES
OPEN HEART	216	CARDIAC VALVE & OTHER MAJ CARDIOTHORACIC PROC W CARD CATH W MCC
OPEN HEART	217	CARDIAC VALVE & OTHER MAJ CARDIOTHORACIC PROC W CARD CATH W CC
OPEN HEART	218	CARDIAC VALVE & OTHER MAJ CARDIOTHORACIC PROC W CARD CATH W/O CC/MC
OPEN HEART	219	CARDIAC VALVE & OTHER MAJ CARDIOTHORACIC PROC W/O CARD CATH W MCC
OPEN HEART	220	CARDIAC VALVE & OTHER MAJ CARDIOTHORACIC PROC W/O CARD CATH W CC
OPEN HEART	221	CARDIAC VALVE & OTHER MAJ CARDIOTHORACIC PROC W/O CARD CATH W/O CC/
OPEN HEART	228	OTHER CARDIOTHORACIC PROCEDURES W MCC
OPEN HEART	229	OTHER CARDIOTHORACIC PROCEDURES W CC
OPEN HEART	230	MS OTHER CARDIOTHORACIC PROCEDURES W/O CC/MCC
OPEN HEART	231	CORONARY BYPASS W PTCA W MCC
OPEN HEART	232	CORONARY BYPASS W PTCA W/O MCC
OPEN HEART	233	CORONARY BYPASS W CARDIAC CATH W MCC
OPEN HEART	234	CORONARY BYPASS W CARDIAC CATH W/O MCC
OPEN HEART	235	CORONARY BYPASS W/O CARDIAC CATH W MCC
OPEN HEART	236	CORONARY BYPASS W/O CARDIAC CATH W/O MCC
PSYCH/DRUG ABUSE	880	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION
PSYCH/DRUG ABUSE	881	DEPRESSIVE NEUROSES
PSYCH/DRUG ABUSE	882	NEUROSES EXCEPT DEPRESSIVE
PSYCH/DRUG ABUSE	883	DISORDERS OF PERSONALITY & IMPULSE CONTROL
PSYCH/DRUG ABUSE	884	ORGANIC DISTURBANCES & MENTAL RETARDATION
PSYCH/DRUG ABUSE	885	PSYCHOSSES
PSYCH/DRUG ABUSE	886	BEHAVIORAL & DEVELOPMENTAL DISORDERS
PSYCH/DRUG ABUSE	887	OTHER MENTAL DISORDER DIAGNOSES
PSYCH/DRUG ABUSE	894	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA
PSYCH/DRUG ABUSE	895	ALCOHOL/DRUG ABUSE OR DEPENDENCE W REHABILITATION THERAPY
PSYCH/DRUG ABUSE	896	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W MCC
PSYCH/DRUG ABUSE	897	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC
THORACIC SURGERY	001	HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM W MCC
THORACIC SURGERY	002	HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM W/O MCC
THORACIC SURGERY	003	ECMO OR TRACH W MV 96+ HRS OR PDX EXC FACE, MOUTH & NECK W MAJ O.R.
THORACIC SURGERY	004	TRACH W MV 96+ HRS OR PDX EXC FACE, MOUTH & NECK W/O MAJ O.R.
THORACIC SURGERY	007	LUNG TRANSPLANT
THORACIC SURGERY	011	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W MCC

<u>Service Line</u>	<u>DRG</u>	<u>DRG Description</u>
THORACIC SURGERY	012	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W CC
THORACIC SURGERY	013	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W/O CC/MCC
THORACIC SURGERY	163	MAJOR CHEST PROCEDURES W MCC
THORACIC SURGERY	164	MAJOR CHEST PROCEDURES W CC
THORACIC SURGERY	165	MAJOR CHEST PROCEDURES W/O CC/MCC
THORACIC SURGERY	166	OTHER RESP SYSTEM O.R. PROCEDURES W MCC
THORACIC SURGERY	167	OTHER RESP SYSTEM O.R. PROCEDURES W CC
THORACIC SURGERY	168	OTHER RESP SYSTEM O.R. PROCEDURES W/O CC/MCC
TRAUMA	964	OTHER MULTIPLE SIGNIFICANT TRAUMA W CC
TRAUMA	183	MAJOR CHEST TRAUMA W MCC
TRAUMA	184	MAJOR CHEST TRAUMA W CC
TRAUMA	185	MAJOR CHEST TRAUMA W/O CC/MCC
TRAUMA	913	TRAUMATIC INJURY W MCC
TRAUMA	914	TRAUMATIC INJURY W/O MCC
TRAUMA	927	EXTENSIVE BURNS OR FULL THICKNESS BURNS W MV 96+ HRS W SKIN GRAFT
TRAUMA	928	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W CC/MCC
TRAUMA	929	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W/O CC/MCC
TRAUMA	933	EXTENSIVE BURNS OR FULL THICKNESS BURNS W MV 96+ HRS W/O SKIN GRAFT
TRAUMA	934	FULL THICKNESS BURN W/O SKIN GRFT OR INHAL INJ
TRAUMA	935	NON-EXTENSIVE BURNS
TRAUMA	955	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA
TRAUMA	956	LIMB REATTACHMENT, HIP & FEMUR PROC FOR MULTIPLE SIGNIFICANT TRAUMA
TRAUMA	957	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W MCC
TRAUMA	958	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W CC
TRAUMA	959	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W/O CC/MCC
TRAUMA	963	OTHER MULTIPLE SIGNIFICANT TRAUMA W MCC
TRAUMA	965	OTHER MULTIPLE SIGNIFICANT TRAUMA W/O CC/MCC

ATTACHMENT 6

Attachment 6

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- FirstHealth Hospitalist Service
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- Robbins Family Practice
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- Pinehurst Surgical
- Pinehurst Medical Clinic, Inc.
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- Pinehurst Surgical
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- Carolina Children's Consultants
- Pinehurst Anesthesia Associates
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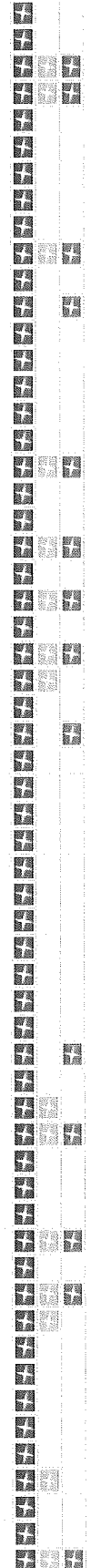
<u>Campbell, Margaret F., M.D.</u>	FirstHealth Hospitalist Service
<u>Carlton, Wendi M., M.D.</u>	Sandhills Pediatrics, Inc.
<u>Carson, Larry Van, M.D.</u>	Carolina Neurosurgical Services
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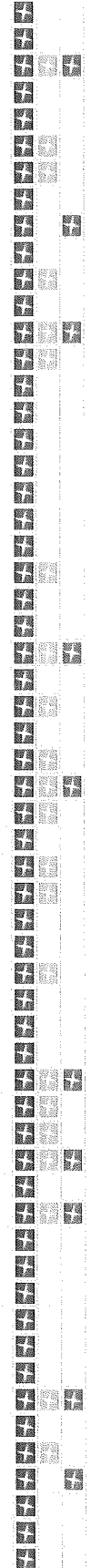


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<u>Ramqoolam, Andres, M.D.</u>	Premier Pediatrics

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Thwaites, Brian K., M.D.
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Varanasi, Ravikant V., M.D.

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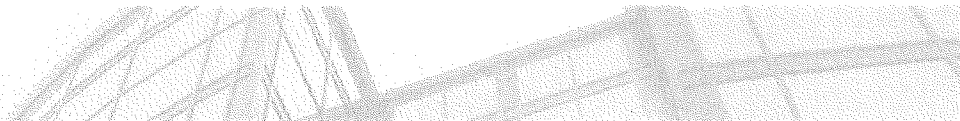
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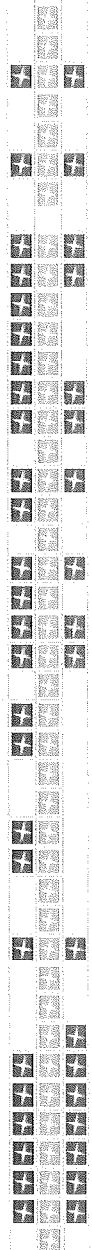
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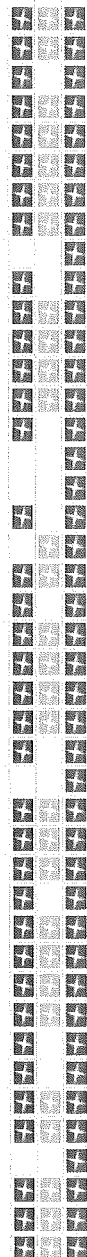
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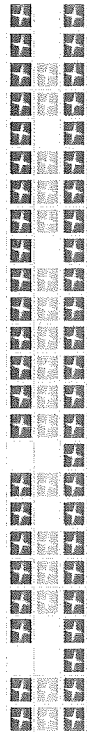
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ATTACHMENT 7

IV. UTILIZATION

IV.1. Using the format of Table IV below, provide annual utilization data for the following time periods:

- (a) Historical annual utilization data for the two full fiscal years prior to the submission of the application for each service component included in this application. Provide the dates for the fiscal years in the following format: Month/Date/Year to Month/Date/Year.
- (b) Projected annual utilization data for each fiscal year from the time the application was submitted through the fiscal year the project is complete for each service component included in this application.
- (c) Projected annual utilization data for each service component in this application, for the first three full fiscal years after completion of the proposed project.
- (d) Provide all assumptions and the specific methodology used for projected utilization for each service component in this application.

Need Methodology Summary

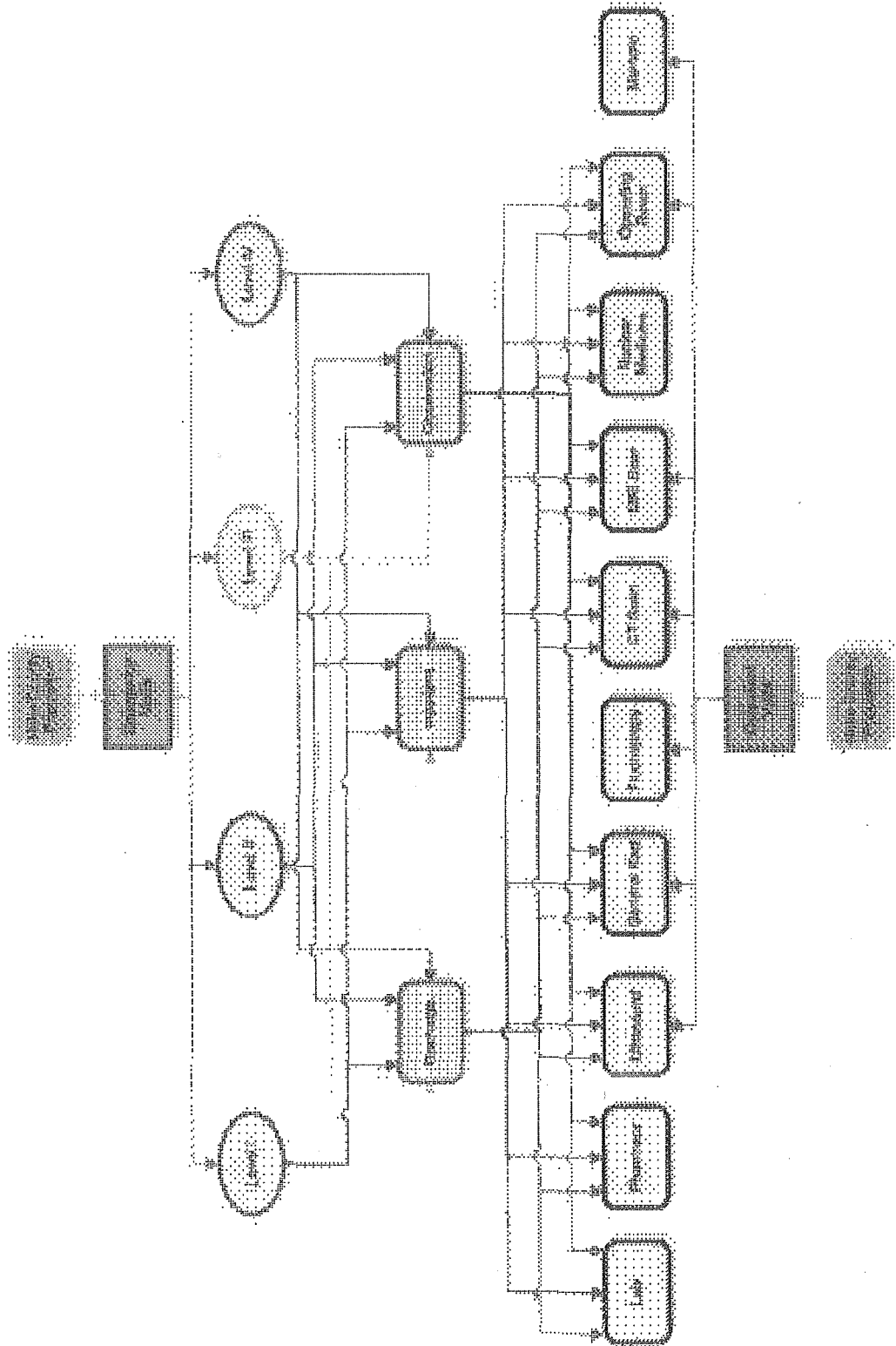
The diagram on the following page summarizes the need methodology that was used to project FHCH services in Section IV. As is evident, outpatient services, specifically the Emergency Department, will drive utilization of the inpatient unit of the hospital. This is contrary to most established hospitals in that inpatient utilization typically drives outpatient and ancillary utilization. Direct inpatient admissions are not projected in the CON application and are not planned to occur until the hospital is established and the Medical Staff increases in number.

Emergency Department Visits

- The Hoke County population generates Emergency Department visits.
- Each Emergency Department visit is categorized by level (Level I through V).
- Each Emergency Department visit categorized by level results in a discharge, an observation stay, or an inpatient stay.
- Each Emergency Department visit that results in a discharge, an observation stay, or an inpatient stay will utilize ancillary services at different rates.
- These different service rates result in utilization for ancillary services including lab, pharmacy, ultrasound, general radiography, CT scan, MRI scan, nuclear medicine, and surgery.

Outpatient Visits

- The Hoke County population by age and sex group generates outpatient visits at different rates.
- These different outpatient rates result in utilization for outpatient services including ultrasound, general radiography, fluoroscopy, CT scan, MRI scan, surgery, and mammography.



Need Methodology

Emergency Department

FirstHealth used the following need methodology to project FHCH Emergency Department visits. The projected FHCH Emergency Department visits then generated observation days, inpatient days, inpatient surgical cases, imaging procedures, laboratory tests, and other ancillary volumes. These volumes are specific to FHCH Emergency Department patients, the volumes do not include any outpatient imaging procedures referred to FHCH. Outpatient imaging projections are discussed after the Emergency Department need methodology.

Please refer to Exhibit C for population sources and for need methodology sources.

Step 1.

The following table presents actual 2008 and 2009 Hoke County ED utilization rates and the projected utilization rates for 2010 through 2015. Using the 2008 and 2009 Hoke County ED utilization rates, FirstHealth calculated that Hoke County experienced a 1-year ED utilization rate increase of 2.09 visits per 100 population (24.88 – 22.79 = 2.09). Conservatively, FirstHealth increased the annual Hoke County utilization rate by 0.21 visits from 2010 through 2015 to project the Hoke County utilization rate. 0.21 visits per 100 population represents only 10% of the 1-year ED utilization growth that Hoke County experienced between 2008 and 2009.

**Emergency Department
 Projected Hoke County Utilization Rate per 100 Population**

	2008	2009	2010	2011	2012	2013	2014	2015
Utilization Rate	22.79	24.88	25.10	25.31	25.53	25.74	25.95	26.16
Annual Utilization Growth Change		+ 2.09	+ 0.21	+ 0.21	+ 0.21	+ 0.21	+ 0.21	+ 0.21

Source: 2008 and 2009 Utilization Rates – Thomson Reuters.

Step 2.

FirstHealth used actual FY2008 and FY2009 Emergency Department visits (from all hospitals), as reported by Thomson Reuters and included in Exhibit C, to conservatively calculate the FY2008 Emergency Department utilization rate for Hoke County. FirstHealth added 10% of the 1-year Hoke County Emergency Department utilization rate growth annually to project future ED utilization rates.

**Emergency Department
 Hoke County Population
 Projected ED Utilization Rate**

		ED Visits	Population	Use Rate
Hoke County	FY2008	10,148	44,538	22.79
	FY2009	11,341	45,591	24.88
		2010	2011	2012
Projected ED Use Rate				
Hoke County	28376	25.10	25.31	25.53
		2013	2014	2015
Projected ED Use Rate				
Hoke County	28376	25.74	25.95	26.16

Step 3.

FirstHealth projected the number of Emergency Department visits that the residents of Hoke County would generate. First, FirstHealth calculated the Hoke County population by summing the North Carolina Office of State Budget and Management population projections with the BRAC military base realignment population impact. It should be noted that active duty military and military dependents make up approximately 53 percent of the BRAC Impact; however, as FHCH will become a TRICARE-certified provider, active duty military and military dependents will have access to FHCH without a referral.

Hoke County Population

		2013	2014	2015	
NCOSBM Population					
Hoke County	28376	50,232	51,391	52,551	A
BRAC Impact					
Hoke County	28376	3,742	3,742	3,742	B
Hoke County Population					
Hoke County	28376	53,974	55,133	56,293	C

Source: C = (A + B)

Second, FirstHealth multiplied the Hoke County populations by the 2013 – 2015 Projected ED Use Rates, calculated in Step 2, to project Hoke County's Emergency Department visits.

**Emergency Department
 Hoke County ED Projections**

		2013	2014	2015	
Projected Population					
Hoke County	28376	53,974	55,133	56,293	A
Projected ED Use Rate					
Hoke County	28376	25.74	25.95	26.16	B
Projected ED Visits					
Hoke County	28376	13,891	14,305	14,725	C

Source: C = (A x B)

Step 4.

FirstHealth projected the number of Emergency Department visits that would receive care at FirstHealth. FirstHealth used FY2009 Emergency Department visits reported by Thomson Reuters to determine the FirstHealth market share of emergency services in the service area population.

**Market Share
 Actual FirstHealth
 FY2009**

		ED Visit Total	FirstHealth Visits	Market Share
Hoke County	28376	11,349	5,522	48.7%

Source: Market Share = (FirstHealth Visits / County Total) x 100

In projecting conservative Emergency Department volumes, FirstHealth used its FY2009 market share of Emergency Department visits to project the number of Emergency Department visits that would be treated by FirstHealth in FY2013 through FY2015.

**Emergency Department
 FirstHealth ED Projections**

		2013	2014	2015	
Projected ED Visits					
Hoke County	28376	13,891	14,305	14,725	A
FMRH Market Share					
Hoke County	28376	48.7%	48.7%	48.7%	B
FMRH ED Visits					
Hoke County	28376	6,759	6,960	7,165	C

Source: C = (A x B)

Step 5.

FirstHealth projected the number of Emergency Department visits that would receive care at FHCH, rather than at FMRH. FirstHealth made the assumption that patients seeking Emergency Department care are less likely to leave the local community for emergency care to go to another county. To validate these assumptions, an independent marketing firm, InTandem, performed a phone survey of Hoke County residents to determine the percentage of residents who believe emergency care is important in the local community and to determine the percentage of residents who would use the hospital. The percentage of Hoke County residents who believe a local Emergency Department is important and that would use FHCH is identified in the following table.

**Emergency Department
FHCH Utilization
% of FirstHealth ED Visits**

	Phone Survey Results	
Local Emergency Department Important (Respond 8, 9, or 10)	76.0%	A
Would Use the Hospital (Respond Yes)	93.0%	B
FHCH Utilization	70.66%	C

Source: C = (A x B)

It should be noted that the phone survey had a +/-5.75 percent margin of error; meaning the true response to the first question may be as low as 70.25 percent or as high as 81.75 percent and the true response to the second question may be as low as 87.25 percent and as high as 98.75 percent. In order to project reasonable and conservative emergency visits, FirstHealth subtracted ½ of the margin of error from the phone survey results.

	-5.75%	-2.875%	0.0%	+2.875%	+5.75%	
Local Emergency Department Important (Respond 8, 9, or 10)	70.25%	73.125%	76.00%	78.875%	81.75%	A
Would Use the Hospital (Respond Yes)	87.25%	90.125%	93.00%	95.875%	98.75%	B
FHCH Utilization	61.29%	65.90%	70.66%	75.62%	80.73%	C

Source: C = (A x B)

**Emergency Department
 FHCH ED Projections
 % of FirstHealth ED Visits**

		2013	2014	2015	
FMRH ED Visits					
Hoke County	28376	6,759	6,960	7,165	A
FHCH Utilization					
Hoke County	28376	65.90%	65.90%	65.90%	B
FHCH ED Visits					
Hoke County	28376	4,454	4,587	4,722	C

Source: C = (A x B)

Please refer to Exhibit 47 for the InTandem survey results.

Step 6.

FirstHealth projected the number of Emergency Department visits that would receive care at FHCH, rather than go to another hospital other than FMRH. FirstHealth made the assumption that patients seeking Emergency Department care are less likely to leave the local community for emergency care to go to another county and are more likely to seek care at an Emergency Department that would have fewer patients and a shorter wait time. To validate these assumptions, an independent marketing firm, InTandem, performed a phone survey of Hoke County residents to determine the percentage of residents who believe emergency care is important in the local community and to determine the percentage of residents who would use the hospital. FirstHealth subtracted the FirstHealth ED Visits, calculated in Step 4, from the total Projected ED Visits, calculated in Step 3, to identify the Emergency Department visits that would not typically be treated at FirstHealth.

**Emergency Department
 Non-FirstHealth ED Visits**

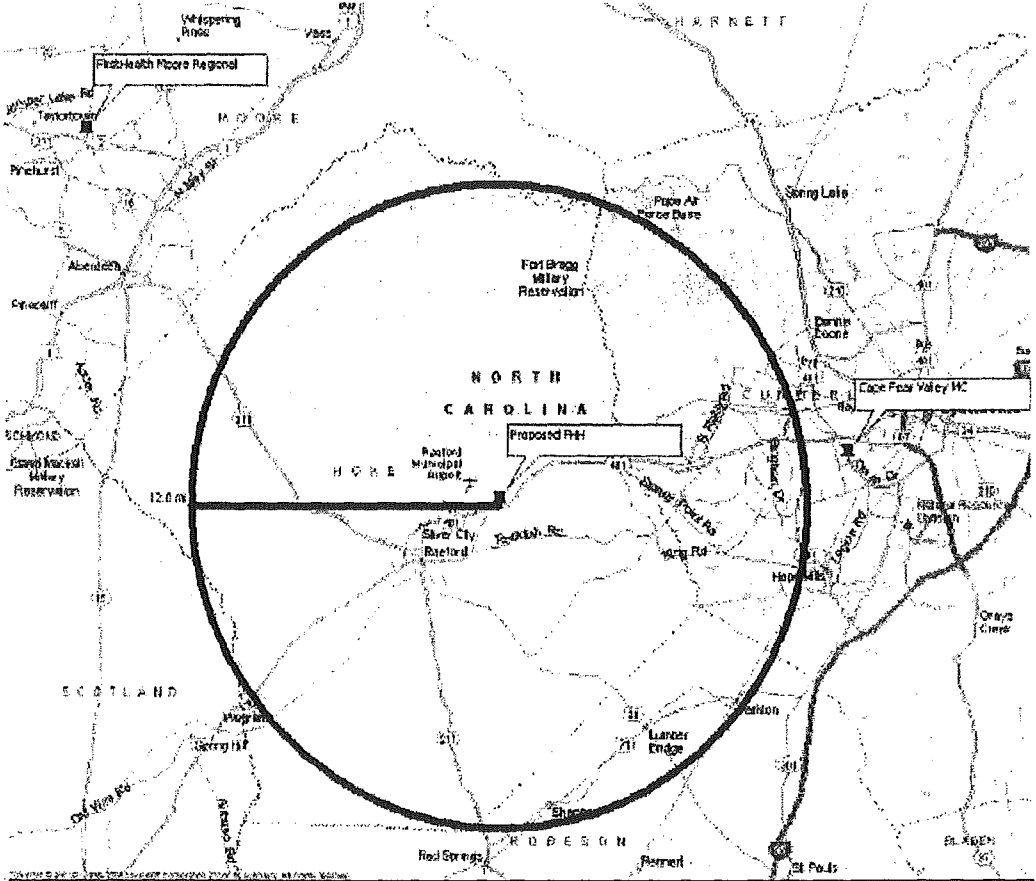
		2013	2014	2015	
Total ED Visits					
Hoke County	28376	13,891	14,305	14,725	A
FMRH ED Visits					
Hoke County	28376	6,759	6,960	7,165	B
Non-FMRH ED Visits					
Hoke County	28376	7,132	7,345	7,560	C

Source: C = (A - B)

FirstHealth applied the following FHCH percentage, based on the phone survey, to the Emergency Department visits not projected to be treated at FMRH to account for Emergency Department visits that will avoid going to Emergency Departments further away from the FHCH. To validate these assumptions, an independent marketing firm, InTandem, performed a phone survey of Hoke County residents to determine the percentage of residents who believe emergency care is important in the local community and to determine the percentage of residents who would use the hospital. FirstHealth used the FHCH Utilization Rate of 65.9 percent, as calculated in Step 5.

FirstHealth concludes that based on the phone survey, it would be valid to assume that 65.9 percent of the Hoke County residents would use the FHCH Emergency Department. As the following map shows, nearly 90% of the Hoke County is located within 12 miles of the proposed FHCH. This decrease in the distance to emergency care is enough to change emergency care patterns of travel, as the phone survey indicates.

**FHCH Emergency Department
12-mile Ring**



Please refer to Exhibit C for larger ring map.

**Emergency Department
 FHCH ED Projections
 Non-FMRH ED Visits to FHCH**

		2013	2014	2015	
Non-FMRH ED Visits					
Hoke County	28376	7,132	7,345	7,560	A
FHCH Utilization					
Hoke County	28376	65.90%	65.90%	65.90%	B
FHCH Non-FMRH ED Visits					
Hoke County	28376	4,700	4,841	4,983	C

Source: C = (A x B)

Step 7.

FirstHealth added the projected FHCH Emergency Department visits from FMRH visits, calculated in Step 5, to the FHCH Emergency Department visits from non-FMRH visits, calculated in Step 6, to identify the total number of projected Emergency Department visits for 2013 through 2015.

**Emergency Department
 Total FHCH ED Projections**

		2013	2014	2015	
FHCH FMRH ED Visits					
Hoke County	28376	4,454	4,587	4,722	A
FHCH Non-FMRH ED Visits					
Hoke County	28376	4,700	4,841	4,983	B
FHCH ED Visits					
Hoke County	28376	9,155	9,428	9,704	C

Source: C = (A + B)

Step 8.

Next, FirstHealth calculated the effective market share that the FHCH will achieve. The effective market share was calculated by dividing the projected FHCH Emergency Department visits by the Projected Hoke County ED Demand, calculated in Step 3.

**Emergency Department
 FHCH Effective Market Share**

		2013	2014	2015	
Projected ED Visits					
Hoke County	28376	13,891	14,305	14,725	A
FHCH ED Visits					
Hoke County	28376	9,155	9,428	9,704	B
FHCH Market Share					
Hoke County	28376	65.90%	65.90%	65.90%	C

Source: C = (A / B) x 100

Step 9.

FirstHealth projected the number of Level I through Level V Emergency Department visits that would be generated by the number of FHCH Emergency Department visits calculated in Step 7. FirstHealth did not include the most serious Emergency Department cases, Level VI, in this calculation. Using a sample data pull for FY2007 through FY2009 of Hoke County residents treated at the FMRH Emergency Department, FirstHealth calculated the 3-year average to apply to future projections. The following table shows the 3-year average calculation.

**FMRH Emergency Department
 Hoke County Service Level
 FY2007 – FY2009**

	2007	2008	2009	3-YR AVG
Level I	485	445	394	441
Level II	1,064	1,102	1,055	1,074
Level III	1,670	1,970	1,914	1,851
Level IV	1,822	2,198	2,082	2,034
Level V	13	35	15	21
ED Visits	5,054	5,750	5,460	5,421
Level I	9.6%	7.7%	7.2%	8.1%
Level II	21.1%	19.2%	19.3%	19.8%
Level III	33.0%	34.3%	35.1%	34.1%
Level IV	36.1%	38.2%	38.1%	37.5%
Level V	0.3%	0.6%	0.3%	0.4%
Total	100.0%	100.0%	100.0%	100.0%

FirstHealth then multiplied the FHCH Emergency Department visits calculated in Step 7 by the 3-year Service Level averages calculated in Step 9.

**FMRH Emergency Department
 Hoke County Service Level
 FY2013 – FY2015**

	3-YR AVG	2013	2014	2015
Level I	8.1%	745	767	790
Level II	19.8%	1,813	1,867	1,922
Level III	34.1%	3,126	3,220	3,314
Level IV	37.5%	3,435	3,537	3,641
Level V	0.4%	35	37	38
ED Visits	100.0%	9,155	9,428	9,704

Step 10.

Using the sample data pull for FY2007 through FY2009 of Hoke County residents treated at the FMRH Emergency Department used in Step 9, FirstHealth calculated the percent of observation patients, inpatients, and discharged patients by Service Level to identify the 3-year average to apply to future projections.

Table 1 shows the number, percentage, and 3-year average of observation, inpatients, and discharge patients for FY2007 through FY2009.

Table 2 shows the projected number of observation, inpatients, and discharge patients for FY2013 through FY2015 using the 3-year average observation, inpatient, and discharge patient percentages calculated in Step 9.

Table 1
FMRH Emergency Department
3-Year Average
Observation, Inpatient, and Discharge Percent by Service Level
FY2007 – FY2009

	2007	2008	2009	3-YR AVG	2007	2008	2009	3-YR AVG	2007	2008	2009	3-YR AVG
Level I	485	445	394	441	9.6%	7.7%	7.2%	8.1%	0.0%	0.2%	0.0%	0.1%
Level II	1,064	1,102	1,055	1,074	21.1%	19.2%	19.3%	19.8%	0.0%	0.2%	0.0%	0.1%
Level III	1,670	1,970	1,914	1,851	33.0%	34.3%	35.1%	34.1%	0.2%	0.1%	0.1%	0.1%
Level IV	1,822	2,198	2,082	2,034	36.1%	38.2%	38.1%	37.5%	9.0%	7.3%	5.0%	7.0%
Level V	13	35	15	21	0.3%	0.6%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
ED Visits	5,054	5,750	5,460	5,421	100.0%	100.0%	100.0%	100.0%				
Observation Patient Volume and Percentage												
Level I	-	1	-	0	0.0%	0.2%	0.0%	0.1%	0.0%	0.2%	0.0%	0.1%
Level II	-	2	-	0	0.0%	0.2%	0.0%	0.1%	0.0%	0.2%	0.0%	0.1%
Level III	4	1	1	2	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.1%
Level IV	164	160	104	143	9.0%	7.3%	5.0%	7.0%	9.0%	7.3%	5.0%	7.0%
Level V	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ED Observation Pts	168	164	105	146								
Inpatient Volume and Percentage												
Level I	1	-	-	0	0.2%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.1%
Level II	10	1	3	5	0.9%	0.1%	0.3%	0.4%	0.9%	0.1%	0.3%	0.4%
Level III	31	28	28	29	1.9%	1.4%	1.5%	1.6%	1.9%	1.4%	1.5%	1.6%
Level IV	765	831	783	793	42.0%	37.8%	37.6%	39.0%	42.0%	37.8%	37.6%	39.0%
Level V	9	30	14	18	69.2%	85.7%	93.3%	84.1%	69.2%	85.7%	93.3%	84.1%
ED Inpatients Pts	816	890	828	845								
Discharge Volume and Percentage												
Level I	484	444	394	441	99.8%	99.8%	100.0%	99.8%	99.8%	99.8%	100.0%	99.8%
Level II	1,054	1,099	1,052	1,068	99.1%	99.7%	99.7%	99.5%	99.1%	99.7%	99.7%	99.5%
Level III	1,635	1,941	1,885	1,820	97.9%	98.5%	98.5%	98.3%	97.9%	98.5%	98.5%	98.3%
Level IV	893	1,207	1,195	1,098	49.0%	54.9%	57.4%	54.0%	49.0%	54.9%	57.4%	54.0%
Level V	4	5	1	3	30.8%	14.3%	6.7%	15.9%	30.8%	14.3%	6.7%	15.9%
ED Discharge Pts	4,070	4,696	4,527	4,431								

Table 2
FHCH Emergency Department
Observation, Inpatient, and Discharge Volumes by Service Level
FY2013 – FY2015

	3-YR AVG	2013	2014	2015
Level I	8.1%	745	767	790
Level II	19.8%	1,813	1,867	1,922
Level III	34.1%	3,126	3,220	3,314
Level IV	37.5%	3,435	3,537	3,641
Level V	0.4%	35	37	38
ED Visits	100.0%	9,155	9,428	9,704
Projected Observation Patient Volume				
Level I	0.1%	1	1	1
Level II	0.1%	1	1	1
Level III	0.1%	3	3	4
Level IV	7.0%	241	248	255
Level V	0.0%	-	-	-
ED Observation Pts		246	253	261
Projected Inpatient Volume				
Level I	0.1%	1	1	1
Level II	0.4%	8	8	8
Level III	1.6%	49	50	52
Level IV	39.0%	1,339	1,379	1,419
Level V	84.1%	30	31	32
ED Inpatients Pts		1,426	1,469	1,512
Projected Discharge Volume				
Level I	99.8%	744	766	789
Level II	99.5%	1,804	1,858	1,912
Level III	98.3%	3,074	3,166	3,258
Level IV	54.0%	1,855	1,910	1,966
Level V	15.9%	6	6	6
ED Discharge Pts		7,482	7,706	7,932

Step 11.

The following table summarizes Table 2 from Step 10:

**FHCH Emergency Department
 Observation, Inpatient, and Discharge Volumes Summary
 FY2013 – FY2015**

	2013	2014	2015
Total ED Visits	9,155	9,428	9,704
ED Observation Patients	246	253	261
ED Inpatients	1,426	1,469	1,512
ED Discharges	7,482	7,706	7,932

FirstHealth has determined that it can relocate eight (8) acute care beds from FMRH to the proposed FHCH without impacting the patients who remain at FMRH. In order to accommodate the projected ED Inpatients, specifically those patients who may have higher acuities, FirstHealth assumes that 50.0 percent of the ED Inpatients will be admitted to the inpatient unit and the remaining 50.0 percent will be held in the four observation beds, located on the inpatient unit, until they can be transferred to either FMRH or to CFVMC.

The following table presents the number of adjusted observation patients, which is equal to the number of projected ED Observation Patients plus 50.0 percent of the projected ED Inpatients, and the number of adjusted inpatients, which is equal to 50.0 percent of the projected ED Inpatients.

**FHCH Emergency Department
 Adjusted Observation, Adjusted Inpatient, and Discharge Volumes Summary
 FY2013 – FY2015**

	2012	2013	2014
Total ED Visits	9,155	9,428	9,704
ED Observation Patients	959	988	1,017
ED Inpatients	713	734	756
ED Discharges	7,482	7,706	7,932

Step 12.

Using the sample data pull for FY2007 through FY2009 of Hoke County residents treated at the FMRH Emergency Department used in Step 9, FirstHealth calculated the percent of inpatient surgical cases, imaging procedures, laboratory tests, and other ancillary volumes by observation patient, inpatient, and discharged patient to identify the 3-year average to apply to future projections.

Please refer to Exhibit C, for Table 3, which shows the number, percentage, and 3-year average of inpatient surgical hours, imaging procedures, laboratory tests, and other ancillary volumes associated with the Emergency Department observation, inpatients, and discharge patients for FY2007 through FY2009 from Hoke County.

Table 4 shows the projected number of inpatient surgical cases, imaging procedures, laboratory tests, and other ancillary volumes associated with the Emergency Department observation, inpatients, and discharge patients for FY2013 through FY2015 using the 3-year average observation, inpatient, and discharge patient utilization rates per 100 patients calculated in Step 12, Table 3, Exhibit C. For example, Table 3 shows the 3-year average laboratory tests for discharge patients to be 188.0 laboratory tests per 100 discharged ED patients; this can be further simplified to 1.9 laboratory tests per discharged ED patient. FirstHealth multiplied the 3-year average ancillary volume per 100 patients by the number of projected Emergency Department patients by observation, inpatient, or discharge divided by 100.

Table 4
FHCH Emergency Department
Ancillary Volumes by Observation, Inpatient, and Discharge Patient
FY2013 – FY2015

	Units	3-YR AVG	2013	2014	2015
Projected Ancillary Volumes by Discharge Patient					
ED Discharge Patients			7,482	7,706	7,932
Laboratory	Tests	188.0	14,064	14,483	14,908
Pharmacy	Units	193.2	14,454	14,885	15,322
General Radiology	Procedures	41.2	3,080	3,171	3,264
CT Scanner	Scans	19.3	1,444	1,487	1,531
MRI Scanner	Scans	0.6	43	44	45
Ultrasound	Procedures	8.2	611	629	647
Nuclear Medicine	Procedures	-	-	-	-
Operating Room	Hours	0.1	4.2	4.3	4.4
Projected Ancillary Volumes by Observation Patient					
Adjusted ED Observation Patients			959	988	1,017
Laboratory	Tests	1,394.1	13,371	13,770	14,174
Pharmacy	Units	2,413.7	23,151	23,842	24,541
General Radiology	Procedures	190.8	1,830	1,885	1,940
CT Scanner	Scans	53.3	511	527	542
MRI Scanner	Scans	7.8	75	77	79
Ultrasound	Procedures	17.6	169	174	179
Nuclear Medicine	Procedures	39.8	98	101	104
Operating Room	Hours	4.8	11.7	12.1	12.4
Projected Ancillary Volumes by Inpatient					
Adjusted ED Inpatients			713	734	756
Laboratory	Tests	2,659.6	18,967	19,533	20,106
Pharmacy	Units	10,050.0	71,673	73,812	75,977
General Radiology	Procedures	761.4	5,430	5,592	5,756
CT Scanner	Scans	83.9	599	616	635
MRI Scanner	Scans	17.7	126	130	134
Ultrasound	Procedures	46.4	331	341	351
Nuclear Medicine	Procedures	8.6	61	63	65
Operating Room	Hours	25.1	178.9	184.3	189.7

Step 13.

FirstHealth summed the projected FHCH ancillary service volumes for adjusted observation, adjusted inpatients, and discharge patients, calculated in Step 12, to identify the total FHCH ancillary service volumes for FY2013 through FY2015.

**FHCH Emergency Department
 Total Ancillary Volumes
 FY2013 – FY2015**

	Units	2013	2014	2015
Total Ancillary Service Volumes				
Laboratory	Tests	46,401	47,786	49,188
Pharmacy	Units	109,278	112,539	115,840
General Radiology	Procedures	10,340	10,649	10,961
CT Scanner	Scans	2,554	2,631	2,708
MRI Scanner *	Scans	70	72	74
Ultrasound	Procedures	1,110	1,144	1,177
Nuclear Medicine	Procedures	159	164	169
Operating Room	Hours	195	201	206

* MRI scans represent 28.6% of MRI scans that ED patients would generate based on the availability of the mobile MRI scanner on the FHCH campus.

Even without considering the clear need for ancillary services given the Emergency Department utilization projections, every Emergency Department needs to have these services readily available as part of the basic standard of care for patients presenting to an Emergency Department. In the American College of Emergency Physicians publication, **Emergency Department Design** (pages 163 and 164); imaging, laboratory, and pharmacy services are detailed in their inclusion in the design for Emergency Departments. Furthermore, to be licensed as a hospital in North Carolina, a facility must have at least two acute care beds and ancillary services such as lab, imaging and pharmacy. See 10A NCAC 13B.3201.

Step 14.

FirstHealth converted the number of observation patients and inpatients into "days of care," and operating hours into inpatient surgical cases.

FirstHealth assumes that an observation patient will occupy an observation bed for less than 23 hours, but that the observation bed will only be available to one patient per day.

**FHCH
 Observation Bed Utilization**

	2013	2014	2015	
Adjusted Observation Patients	959	988	1,017	A
Observation Days per Adjusted Observation Patient	1	1	1	B
Total Observation Days	959	988	1,017	A x B
Observation Beds	4	4	4	C
Available Days per Bed	365	365	365	D
Available Observation Days of Care	1,460	1,460	1,460	C X D
Observation Bed Utilization	65.7%	67.7%	69.6%	(A x B) / (C X D)

Using the sample data pull for FY2007 through FY2009 of Hoke County residents treated at the FMRH Emergency Department used in Step 9, FirstHealth calculated the average length of stay per inpatient to be 3.1 days.

**FHCH
 Inpatient Bed Utilization**

	2013	2014	2015	
Adjusted Inpatients	713	734	756	A
Inpatient Days per Adjusted Inpatient Patient	3.1	3.1	3.1	B
Total Inpatient Days	2,211	2,277	2,344	A x B
Inpatient Beds	8	8	8	C
Available Days per Bed	365	365	365	D
Available Inpatient Days of Care	2,920	2,920	2,920	C X D
Inpatient Bed Utilization	75.7%	78.0%	80.3%	(A x B) / (C X D)

Using the SMFP standard of 3.0 hours per inpatient case, FirstHealth calculated the number of inpatient surgical cases:

FHCH
Inpatient Surgical Cases

	2012	2013	2014	
Inpatient Surgical Hours	195	201	206	A
Inpatient Surgical Hours per Case	3.0	3.0	3.0	B
Total Inpatient Surgical Cases	65	67	69	A / B

Step 15.

FirstHealth projected the number FHCH CT scans by HECT unit for CT scans generated by Emergency Department patients by using the current FMRH Emergency Department breakdown of CT scans by type, as presented in the following tables:

**FHCH
FY2013 (Emergency Department)
CT Scanner**

	Type of CT Scan	No. of Scans						Conver. Factor		HECT Units
		Q1	Q2	Q3	Q4	Total				
1	Head scan without contrast	183	183	183	183	733	X	1.00	=	733
2	Head scan with contrast	-	-	-	-	-	X	1.25	=	-
3	Head scan without and with contrast	3	3	3	3	13	X	1.75	=	24
4	Body scan without contrast	211	211	211	211	842	X	1.50	=	1,264
5	Body scan with contrast	161	161	161	161	646	X	1.75	=	1,130
6	Body scan without and with contrast	77	77	77	77	308	X	2.75	=	846
7	Biopsy in addition to body scan with or without contrast	3	3	3	3	12	X	2.75 plus body scan HECTs	=	32
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X	4.00 plus body scan HECTs	=	-
		639	639	639	639	2,554		Totals		4,029

Totals may not foot due to rounding.

**FHCH
FY2014 (Emergency Department)
CT Scanner**

	Type of CT Scan	No. of Scans						Conver. Factor		HECT Units
		Q1	Q2	Q3	Q4	Total				
1	Head scan without contrast	189	189	189	189	755	X	1.00	=	755
2	Head scan with contrast	-	-	-	-	-	X	1.25	=	-
3	Head scan without and with contrast	3	3	3	3	14	X	1.75	=	24
4	Body scan without contrast	217	217	217	217	868	X	1.50	=	1,301
5	Body scan with contrast	166	166	166	166	665	X	1.75	=	1,164
6	Body scan without and with contrast	79	79	79	79	317	X	2.75	=	872
7	Biopsy in addition to body scan with or without contrast	3	3	3	3	12	X	2.75 plus body scan HECTs	=	33
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X	4.00 plus body scan HECTs	=	-
		658	658	658	658	2,631		Totals		4,149

Totals may not foot due to rounding.

FHCH
FY2015 (Emergency Department)
CT Scanner

Type of CT Scan		No. of Scans						Conver. Factor	=	HECT Units
		Q1	Q2	Q3	Q4	Total				
1	Head scan without contrast	194	194	194	194	777	X	1.00	=	777
2	Head scan with contrast	-	-	-	-	-	X	1.25	=	-
3	Head scan without and with contrast	4	4	4	4	14	X	1.75	=	25
4	Body scan without contrast	223	223	223	223	893	X	1.50	=	1,340
5	Body scan with contrast	171	171	171	171	685	X	1.75	=	1,198
6	Body scan without and with contrast	82	82	82	82	326	X	2.75	=	897
7	Biopsy in addition to body scan with or without contrast	3	3	3	3	12	X	2.75 plus body scan HECTs	=	34
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X	4.00 plus body scan HECTs	=	-
		677	677	677	677	2,708		Totals		4,271

Totals may not foot due to rounding.

Need Methodology

Outpatient Departments

FirstHealth used the following need methodologies to project FHCH surgical cases and outpatient imaging procedures.

Please refer to Exhibit C for population sources and for need methodology sources.

Step 1.

Outpatient surgical cases were projected by identifying the total number of outpatient surgical cases performed on Hoke County residents in FY2009, as highlighted in the following table:

FY2009 Hoke County Patients Outpatient Surgical Cases

OP Surgical Cases	2009
Fayetteville ASC	342
FMRH	276
Surgery Center of Pinehurst	275
CFVMC	264
Eye Center of Carolinas	120
Highsmith-Rainey	89
Scotland Memorial	31
SRMC	12
Duke	6
Sandhills Regional	5
UNC Hospitals	2
Totals	1,422

Source: 2010 Hospital and ASC License Renewal Applications

FirstHealth identified the counties of similar size to identify the average percentage of outpatient surgical cases that remain at the local county hospital. The six counties closest in size were Beaufort, McDowell, Richmond, Stokes, Vance, and Watauga. With the exception of Richmond County, each county only has one hospital performing surgical cases, no ambulatory surgery centers, and each county has more than 3 operating rooms.

The following table shows the county hospitals comparison and their percentage of the FY2007 outpatient surgical market for county patients:

County	Hospital	Operating Rooms	% of County Outpatient Surgical Cases
Beaufort	Beaufort County Hospital	5	60.5%
McDowell	McDowell Hospital	3	28.9%
Richmond	Richmond Memorial	3	20.5%
Richmond	Sandhills Regional	3	17.6%
	<i>Richmond County Total</i>	6	38.1%
Stokes	Stokes-Reynolds	4	6.4%
Vance	Maria Parham	5	62.5%
Watauga	Watauga Medical Center	6	73.6%
Average		4.8	45.0%

FirstHealth assumes that with a new operating room, with no patient waitlist, and immediate surgical case scheduling that it will achieve just below the six-county average calculated in the previous table by Year 3. For the purpose of remaining conservative in its volume projections, FirstHealth assumes no increase in the number of outpatient surgical cases, but that patients will seek referral to FirstHealth Hoke Hospital and surgeons will schedule surgical cases at the new hospital during their established block times, rather than requiring Hoke County patients to travel outside of Hoke County outpatient surgeries.

The following table identifies the number of outpatient surgical cases projected to be performed during the first three years of operation:

	2013	2014	2015
County Outpatient Surgical Cases	1,422	1,422	1,422
FHCH Market Share	27.6%	33.1%	38.7%
FHCH Outpatient Surgical Cases	393	471	550

Step 2.

FirstHealth used outpatient imaging use rates by age and sex per 1000 population that were included in an Imaging Economics, June 2005 article titled **Radiology 2005: State of the Industry**. The outpatient imaging use rates were developed by National Imaging Associates and represent patients imaged between 2000 and 2004. FirstHealth is using these outpatient imaging use rates because they address the utilization implications of an aging population. FirstHealth believed it best to utilize this data, even though it is five years old, so that the relatively young population of Hoke County does not impact projected outpatient imaging cases by over projecting them based on the utilization of older residents.

Please refer to Exhibit C for the Imaging Economics article.

**Outpatient Imaging Procedure Use Rates
 By Age and Sex**

	0-19		20-44		45-64		65+	
	F	M	F	M	F	M	F	M
CT Scan	26	28	71	56	132	111	237	251
Fluoroscopy	5	5	18	14	34	26	61	54
General Radiology	256	318	289	281	574	449	1,127	933
Mammography	3	0	157	0	668	1	568	2
MRI Scan	18	18	54	44	95	75	103	92
Ultrasound	18	13	47	22	82	62	127	173

Source: Imaging Economics, June 2005, Radiology 2005: State of the Industry.

**NCOSBM Hoke County
 Population Projection by Age and Sex**

	0-19		20-44		45-64		65+		Total	
	F	M	F	M	F	M	F	M	F	M
2012	7,727	8,314	8,671	9,052	5,972	6,124	2,358	2,014	24,728	25,504
2013	7,845	8,488	8,800	9,137	6,198	6,359	2,448	2,116	25,291	26,100
2014	7,986	8,632	8,883	9,230	6,444	6,603	2,542	2,231	25,855	26,696

Source: NC State Office of Budget and Management, September 2009.

FirstHealth multiplied the outpatient imaging procedure use rates by age and sex by the NCOSBM Hoke County population projection by age and sex divided by 1,000 to calculate the number of outpatient imaging procedures that a population that mirrors Hoke County's population would generate.

**Hoke County Projected Outpatient Imaging Procedures
 By Age and Sex**

	0-19		20-44		45-64		65+		Total	
	F	M	F	M	F	M	F	M	F	M
2012										
CT Scan	201	233	616	507	788	680	559	506	2,164	1,925
Fluoroscopy	39	42	156	127	203	159	144	109	542	436
General Radiology	1,978	2,644	2,506	2,544	3,428	2,750	2,657	1,879	10,569	9,816
Mammography	23	-	1,361	-	3,989	6	1,339	4	6,713	10
MRI Scan	139	150	468	398	567	459	243	185	1,418	1,193
Ultrasound	139	108	408	199	490	380	299	348	1,336	1,035
Total										

	0-19		20-44		45-64		65+		Total	
	F	M	F	M	F	M	F	M	F	M
2013										
CT Scan	204	238	625	512	818	706	580	531	2,227	1,986
Fluoroscopy	39	42	158	128	211	165	149	114	558	450
General Radiology	2,008	2,699	2,543	2,567	3,568	2,855	2,759	1,974	10,868	10,096
Mammography	24	-	1,382	-	4,140	6	1,390	4	6,936	11
MRI Scan	141	153	475	402	589	477	252	195	1,457	1,226
Ultrasound	141	110	414	201	508	394	311	366	1,374	1,072
Total										

	0-19		20-44		45-64		65+		Total	
	F	M	F	M	F	M	F	M	F	M
2014										
CT Scan	208	242	631	517	851	733	602	560	2,291	2,051
Fluoroscopy	40	43	160	129	219	172	155	120	574	465
General Radiology	2,044	2,745	2,567	2,594	3,699	2,965	2,865	2,082	11,175	10,385
Mammography	24	-	1,395	-	4,305	7	1,444	4	7,167	11
MRI Scan	144	155	480	406	612	495	262	205	1,497	1,262
Ultrasound	144	112	418	203	528	409	323	386	1,412	1,111
Total										

Finally, to remain conservative in its outpatient imaging procedure projections FirstHealth does not project to perform more than 20.0 percent of projected outpatient imaging procedure at FHCH. The following tables show a ramped up outpatient imaging service increasing from 10.0 percent in FY2013 to 20.0 percent in FY2015.

**FHCH Outpatient Imaging Procedures
 FY2013-FY2015**

Projected Hoke County Imaging Procedures				
	2013	2014	2015	
CT Scan	4,089	4,213	4,343	A
Fluoroscopy	978	1,008	1,039	
General Radiology	20,386	20,964	21,560	
Mammography	6,723	6,946	7,178	
MRI Scan	2,610	2,684	2,759	
Ultrasound	2,371	2,446	2,523	

FHCH Market Share	10.0%	15.0%	20.0%	B
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Projected FHCH Imaging Procedures				
	2013	2014	2015	
CT Scan	409	632	869	C
Fluoroscopy	98	151	208	
General Radiology	2,039	3,145	4,312	
Mammography	672	1,042	1,436	
MRI Scan	261	403	552	
Ultrasound	237	367	505	

Source: C = A x B

Step 3.

FirstHealth projected the number of outpatient CT scans that would be provided at the FHCH. FirstHealth projected the number of FHCH outpatient CT scans by HECT unit by using the current FMRH outpatient imaging breakdown of CT scans by type, as presented in the following tables:

**FHCH
 FY2013 (Outpatient)
 CT Scanner**

	Type of CT Scan	No. of Scans						Conver. Factor		HECT Units
		Q1	Q2	Q3	Q4	Total				
1	Head scan without contrast	29	29	29	29	117	X	1.00	=	117
2	Head scan with contrast	-	-	-	-	-	X	1.25	=	-
3	Head scan without and with contrast	1	1	1	1	2	X	1.75	=	4
4	Body scan without contrast	34	34	34	34	135	X	1.50	=	202
5	Body scan with contrast	26	26	26	26	103	X	1.75	=	181
6	Body scan without and with contrast	12	12	12	12	49	X	2.75	=	135
7	Biopsy in addition to body scan with or without contrast	0	0	0	0	2	X	2.75 plus body scan HECTs	=	5
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X	4.00 plus body scan HECTs	=	-
		102	102	102	102	409		Totals		645

Totals may not foot due to rounding.

**FHCH
 FY2014 (Outpatient)
 CT Scanner**

	Type of CT Scan	No. of Scans						Conver. Factor		HECT Units
		Q1	Q2	Q3	Q4	Total				
1	Head scan without contrast	45	45	45	45	181	X	1.00	=	181
2	Head scan with contrast	-	-	-	-	-	X	1.25	=	-
3	Head scan without and with contrast	1	1	1	1	3	X	1.75	=	6
4	Body scan without contrast	52	52	52	52	208	X	1.50	=	313
5	Body scan with contrast	40	40	40	40	160	X	1.75	=	280
6	Body scan without and with contrast	19	19	19	19	76	X	2.75	=	209
7	Biopsy in addition to body scan with or without contrast	1	1	1	1	3	X	2.75 plus body scan HECTs	=	8
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X	4.00 plus body scan HECTs	=	-
		158	158	158	158	632		Totals		997

Totals may not foot due to rounding.

FHCH
 FY2015 (Outpatient)
 CT Scanner

Type of CT Scan		No. of Scans					Conver. Factor	HECT Units
		Q1	Q2	Q3	Q4	Total		
1	Head scan without contrast	62	62	62	62	249	X 1.00	= 249
2	Head scan with contrast	-	-	-	-	-	X 1.25	= -
3	Head scan without and with contrast	1	1	1	1	5	X 1.75	= 8
4	Body scan without contrast	72	72	72	72	286	X 1.50	= 430
5	Body scan with contrast	55	55	55	55	220	X 1.75	= 384
6	Body scan without and with contrast	26	26	26	26	105	X 2.75	= 288
7	Biopsy in addition to body scan with or without contrast	1	1	1	1	4	X 2.75 plus body scan HECTs	= 11
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X 4.00 plus body scan HECTs	= -
		217	217	217	217	869	Totals	= 1,370

Totals may not foot due to rounding.

Step 4.

Finally, FirstHealth combined the Emergency Department and Outpatient CT scans:

**FHCH
FY2013 (Combined)
CT Scanner**

	Type of CT Scan	No. of Scans						Conver. Factor	=	HECT Units
		Q1	Q2	Q3	Q4	Total				
1	Head scan without contrast	213	213	213	213	851	X	1.00	=	851
2	Head scan with contrast	-	-	-	-	-	X	1.25	=	-
3	Head scan without and with contrast	4	4	4	4	16	X	1.75	=	27
4	Body scan without contrast	244	244	244	244	977	X	1.50	=	1,466
5	Body scan with contrast	187	187	187	187	749	X	1.75	=	1,311
6	Body scan without and with contrast	89	89	89	89	357	X	2.75	=	982
7	Biopsy in addition to body scan with or without contrast	3	3	3	3	14	X	2.75 plus body scan HECTs	=	38
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X	4.00 plus body scan HECTs	=	-
		741	741	741	741	2,963		Totals		4,674

Totals may not foot due to rounding.

**FHCH
FY2014 (Combined)
CT Scanner**

	Type of CT Scan	No. of Scans						Conver. Factor	=	HECT Units
		Q1	Q2	Q3	Q4	Total				
1	Head scan without contrast	234	234	234	234	936	X	1.00	=	936
2	Head scan with contrast	-	-	-	-	-	X	1.25	=	-
3	Head scan without and with contrast	4	4	4	4	17	X	1.75	=	30
4	Body scan without contrast	269	269	269	269	1,076	X	1.50	=	1,614
5	Body scan with contrast	206	206	206	206	825	X	1.75	=	1,443
6	Body scan without and with contrast	98	98	98	98	393	X	2.75	=	1,081
7	Biopsy in addition to body scan with or without contrast	4	4	4	4	15	X	2.75 plus body scan HECTs	=	41
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X	4.00 plus body scan HECTs	=	-
		816	816	816	816	3,263		Totals		5,146

Totals may not foot due to rounding.

FirstHealth of the Carolinas, Inc.
Acute Care Hospital
Section IV – Utilization

FHCH
FY2015 (Combined)
CT Scanner

Type of CT Scan		No. of Scans						Conver. Factor	=	HECT Units
		Q1	Q2	Q3	Q4	Total				
1	Head scan without contrast	257	257	257	257	1,027	X	1.00	=	1,027
2	Head scan with contrast	-	-	-	-	-	X	1.25	=	-
3	Head scan without and with contrast	5	5	5	5	19	X	1.75	=	33
4	Body scan without contrast	295	295	295	295	1,180	X	1.50	=	1,769
5	Body scan with contrast	226	226	226	226	904	X	1.75	=	1,582
6	Body scan without and with contrast	108	108	108	108	431	X	2.75	=	1,185
7	Biopsy in addition to body scan with or without contrast	4	4	4	4	16	X	2.75 plus body scan HECTs	=	45
8	Abscess drainage in addition to body scan with or without contrast	-	-	-	-	-	X	4.00 plus body scan HECTs	=	-
		894	894	894	894	3,576		Totals		5,641

Totals may not foot due to rounding.

Please refer to Exhibit C for need methodology supporting resources.

Step 5.

FirstHealth summed the imaging procedures generated by Emergency Department visits as calculated in Step 13 of the Emergency Department need methodology to the outpatient imaging procedures calculated in Step 2 to identify total projected imaging procedures from FY2013 through FY2015.

**FHCH
Total Imaging Procedures
FY2013-FY2015**

	2013	2014	2015
General Radiography	12,379	13,794	15,273
CT Scan	2,963	3,263	3,576
MRI Scan	331	475	626
Ultrasound	1,348	1,510	1,682
Mammography	672	1,042	1,436
Nuclear Medicine	159	164	169

IV.2. For each type of medical equipment proposed, provide the annual maximum capacity per unit if the SMFP or the certificate of need regulatory review criteria do NOT provide a standard. Provide all assumptions and the specific methodology used to determine the annual maximum capacity.

The proposed FHCH will operate 24 hours per day, 7 days per week; however, for the purposes of identifying a reasonable annual maximum capacity, FirstHealth is utilizing a 9-hour day, which better reflects the time period that most of the scheduled patients will access FHCH.

TABLE IV.2	# of Rooms	Visit Capacity per Room	Total Projected Capacity
Inpatient Services	8	365 days	2,920 days
Observation Services	4	365 days	1,460 days
Surgical Services	1	1,872 hours	1,872 hours
Emergency Service	8	1,250 visits	10,000 visits

TABLE IV.2 DIAGNOSTIC TESTING	Days per Week	Weeks per Year	Hours per Day	Total Available Hours	# of Units	Total Unit Hours Available	Procedures per Hour	Total Projected Capacity
CT Scanner	7	52	9	3,276	1	3,276	1	3,276
MRI Scanner	1	52	8	416	1	416	1.5	626
General Radiography	7	52	9	3,276	2 *	6,552	2	13,104
Fluoroscopy	7	52	9	3,276	2 **	6,552	1	6,552
Ultrasound	7	52	9	3,276	1	3,276	1	3,276
Nuclear Medicine	5	52	3	780	1	780	0.33	260
Mammography	5	52	3	780	1	780	2	1,560

* includes a mobile x-ray unit in the Emergency Department

** includes a mobile fluoroscope in the Surgical Department

ATTACHMENT 8

Table 1. Hoke County Surgical Utilization

Hoke County FY	Inpatient Cases				2009-2011		FirstHealth Moore			
	2008	2009	2010	2011	Avg		2008	2009	2010	2011
Inpatient Cases	854	798	929	940			335	343	396	349
Population	44,588	45,973	47,606	49,065						
Use Rate	19.15	17.36	19.51	19.16	18.68					
Annual % Change		-9.4%	12.4%	-1.8%						
Market Share							39.2%	43.0%	42.6%	37.1%
Hoke County FY	Outpatient Cases				2009-2011		FirstHealth Moore			
	2008	2009	2010	2011	Avg		2008	2009	2010	2011
Outpatient Cases	2,140	1,519	1,825	2,108			230	276	275	303
Population	44,588	45,973	47,606	49,065						
Use Rate	47.99	33.04	38.34	42.96	38.11					
Annual % Change		-31.2%	16.0%	12.1%						
Market Share							10.7%	18.2%	15.1%	14.4%
Hoke County FY	Total Cases				2009-2011		FirstHealth Moore			
	2008	2009	2010	2011	Avg		2008	2009	2010	2011
Total Cases	2,994	2,317	2,754	3,048			565	619	671	652
Population	44,588	45,973	47,606	49,065						
Use Rate	67.15	50.40	57.85	62.12	56.79					
Annual % Change		-24.9%	14.8%	7.4%						
Market Share							18.9%	26.7%	24.4%	21.4%

Source: 2009-2012 LRAs; NCOsBM website accessed 6.22.12

Inpatient Cases include C-Sections

Table 2. Hoke County Operating Room Need

	Data Year						
	2012	2013	2014	2015	2016	2017	2017
Population	50,347	51,629	52,908	54,190	55,471	56,754	56,754
3 Yr Avg Use Rate	18.68	18.68	18.68	18.68	18.68	18.68	18.68
Estimated Inpatient Cases	940	964	988	1,012	1,036	1,060	1,060
Community Acuity Adjusted Volume and C-Sections	50%	50%	50%	50%	50%	50%	50%
Projected Inpatient Cases	470	482	494	506	518	530	530
Plus 10% In-migration	522	536	549	562	576	589	589
Weighted Inpatient Hours	1,567	1,607	1,647	1,687	1,727	1,767	1,767
Population	50,347	51,629	52,908	54,190	55,471	56,754	56,754
3 Yr Avg Use Rate	38.11	38.11	38.11	38.11	38.11	38.11	38.11
Estimated Outpatient Cases	1,919	1,968	2,017	2,065	2,114	2,163	2,163
Plus 10% In-migration	2,132	2,186	2,241	2,295	2,349	2,403	2,403
Weighted Outpatient Hours	3,198	3,280	3,361	3,442	3,524	3,605	3,605
Total Weighted Hours	4,765	4,887	5,008	5,129	5,250	5,372	5,372
Hoke County Operating Rooms Needed	2.55	2.61	2.68	2.74	2.80	2.87	2.87
FirstHealth Inpt Market Share	37.1%	37.1%	37.1%	37.1%	37.1%	37.1%	37.1%
FirstHealth Outpt Market Share	14.4%	14.4%	14.4%	14.4%	14.4%	14.4%	14.4%
FirstHealth Projected Inpt Surgery	175	179	183	188	192	197	197
FirstHealth Projected Outpt Surgery	276	283	290	297	304	311	311
Total Weighted Hours	801	821	842	862	882	903	903
Plus 10% In-migration	890	913	935	958	980	1,003	1,003
FirstHealth Hoke OR Need	0.38	0.39	0.40	0.41	0.42	0.43	0.43

Source: NCOsBM; Table 1

Table 3. FH-Moore Surgical Utilization

All Providers		FY 2011			FH-Moore Market Share		
		FH-Moore			Hoke		
Hoke		IP	OP	Total	IP	OP	Total
Hoke		940	2,108	3,048	349	303	652
Cumberland							
Cumberland		8,172	18,868	27,040	246	209	455
Robeson							
Robeson		4,747	8,614	13,361	497	267	764
Scotland							
Scotland		1,384	2,877	4,261	299	223	522
Total		15,243	32,467	47,710	1,391	1,002	2,393
Total		Total			Total		
Total		IP	OP	Total	IP	OP	Total
Total		940	2,108	3,048	349	303	652
Total		37.1%	14.4%	21.4%	3.0%	1.1%	1.7%

Source: 2012 LRAs

Table 4. FH-Hoke Projected Surgical Utilization

FY	2015	2016	2017
Inpatient	231	350	470
Outpatient	786	942	1,100
Total	1,017	1,292	1,570
ORs Licensed (Shared)	2	2	2
ORs Needed	1.0	1.3	1.6

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Table 5. FH-Moore Projected Surgical Utilization

FY	2015	2016	2017
Inpatient	5,687	5,610	5,530
Inpatient - OH	5,397	5,320	5,240
Outpatient	4,145	4,101	4,054
ORs Licensed (OH & Shared)	16	16	16
ORs Licensed (Shared only)	14	14	14
ORs Needed*	12.0	11.8	11.6
Surplus	2.0	2.2	2.4

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*ORs Needed determined using shared OR cases and shared ORs

Table 6. FH-Moore & FirstHealth-Hoke Projected Surgical Utilization

FY	2015	2016	2017
Inpatient	5,918	5,960	6,000
Inpatient - OH	5,628	5,670	5,710
Outpatient	5,162	5,393	5,624
ORs Licensed (OH & Shared)	18	18	18
ORs Licensed (Shared only)	16	16	16
ORs Needed*	13.2	13.4	13.7
Surplus	2.8	2.6	2.3

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*ORs Needed determined using shared OR cases and shared ORs

Table 7. FH-Hoke Projected Outpatient Surgical Utilization

	FY 2015			FY 2016			FY 2017			% Change	
	Mkt Share	OP	Total	Mkt Share	OP	Total	Mkt Share	OP	Total	2011-2017	2015-2017
Hoke											
Mkt Share	12.4%			14.5%			16.5%			15.0%	33.6%
OP	255	306	2,065	306	358	2,114	358	358	2,163	18.0%	39.9%
Total											

Table 2 (Hoke County) and Table xx; CON Application N-8843-12, pages 74, 79

Table 8. FH-Hoke Projected Surgical Utilization

	FY 2015	FY 2016	FY 2017
Hoke = 32.5%			
IP	75	114	153
OP	255	306	358
Total	331	420	510
Cumberland = 16.9%			
IP	39	59	79
OP	133	159	186
Total	172	218	265
Robeson = 37.1%			
IP	86	130	174
OP	292	349	408
Total	377	479	582
Scotland = 13.5%			
IP	31	47	63
OP	106	127	149
Total	137	174	212
Total = 100%			
IP	231	350	470
OP	786	942	1,100
Total	1,017	1,292	1,570

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Table 8. Hoke County FY 2011 Total Inpatient Utilization by Acuity

Hoke County						
MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights	
795		15	MED	NORMAL NEWBORN	0.1649	
780	1	14	MED	FALSE LABOR	0.2284	
894		20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMIA	0.4074	
298		05	MED	CARDIAC ARREST, UNEXPLAINED W/O CC/MCC	0.4497	
782	8	14	MED	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.4744	
916	8	21	MED	ALLERGIC REACTIONS W/O MCC	0.4867	
778	6	14	MED	THREATENED ABORTION	0.4942	
950		23	MED	AFTERCARE W/O CC/MCC	0.5040	
311	1	05	MED	ANGINA PECTORIS	0.5070	
761	1	13	MED	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS W/O CC/MCC	0.5219	
775	274	14	MED	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.5256	
779	5	14	MED	ABORTION W/O D&C	0.5311	
313	52	05	MED	CHEST PAIN	0.5499	
639	20	10	MED	DIABETES W/O CC/MCC	0.5544	
310	17	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W/O CC/MCC	0.5709	
285		05	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W/O CC/MCC	0.5712	
303	7	05	MED	ATHEROSCLEROSIS W/O MCC	0.5830	
159		03	MED	DENTAL & ORAL DISEASES W/O CC/MCC	0.5897	
203	49	04	MED	BRONCHITIS & ASTHMA W/O CC/MCC	0.6081	
538		08	MED	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH W/O CC/MCC	0.6108	
305	15	05	MED	HYPERTENSION W/O MCC	0.6138	
316		05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W/O CC/MCC	0.6147	
434		07	MED	CIRRHOSIS & ALCOHOLIC HEPATITIS W/O CC/MCC	0.6152	
880		19	MED	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION	0.6161	
881		19	MED	DEPRESSIVE NEUROSES	0.6178	
561	1	08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W/O CC/MCC	0.6211	
724		12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.6211	
921	10	21	MED	COMPLICATIONS OF TREATMENT W/O CC/MCC	0.6216	
156	4	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W/O CC/MCC	0.6226	
599		09	MED	MALIGNANT BREAST DISORDERS W/O CC/MCC	0.6265	
918	25	21	MED	POISONING & TOXIC EFFECTS OF DRUGS W/O MCC	0.6269	
882		19	MED	NEUROSES EXCEPT DEPRESSIVE	0.6276	
153	13	03	MED	OTITIS MEDIA & URI W/O MCC	0.6290	
756		13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.6361	
390	8	06	MED	G.I. OBSTRUCTION W/O CC/MCC	0.6369	
149	3	03	MED	DYSEQUILIBRIUM	0.6389	
151	3	03	MED	EPISTAXIS W/O MCC	0.6393	
295		05	MED	DEEP VEIN THROMBOPHLEBITIS W/O CC/MCC	0.6403	
730	1	12	MED	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES W/O CC/MCC	0.6414	
688		11	MED	KIDNEY & URINARY TRACT NEOPLASMS W/O CC/MCC	0.6479	
776	14	14	MED	POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. PROCEDURE	0.6513	
897		20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	0.6513	
122		02	MED	ACUTE MAJOR EYE INFECTIONS W/O CC/MCC	0.6522	
556	4	08	MED	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE W/O MCC	0.6568	
684	11	11	MED	RENAL FAILURE W/O CC/MCC	0.6587	
696	2	11	MED	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS W/O MCC	0.6590	
951		23	MED	OTHER FACTORS INFLUENCING HEALTH STATUS	0.6593	
301	5	05	MED	PERIPHERAL VASCULAR DISORDERS W/O CC/MCC	0.6615	
443		07	MED	DISORDERS OF LIVER EXCEPT MALIG/CIRRH/ALC HEPA W/O CC/MCC	0.6615	
566		08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W/O CC/MCC	0.6625	
103	12	01	MED	HEADACHES W/O MCC	0.6701	
204	1	04	MED	RESPIRATORY SIGNS & SYMPTOMS	0.6714	
601	1	09	MED	NON-MALIGNANT BREAST DISORDERS W/O CC/MCC	0.6728	
395	8	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W/O CC/MCC	0.6749	
700	1	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W/O CC/MCC	0.6757	
297	1	05	MED	CARDIAC ARREST, UNEXPLAINED W CC	0.6792	
185		04	MED	MAJOR CHEST TRAUMA W/O CC/MCC	0.6803	
923	1	21	MED	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W/O MCC	0.6808	
781	41	14	MED	OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS	0.6809	
554	6	08	MED	BONE DISEASES & ARTHROPATHIES W/O MCC	0.6812	
816	1	16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W/O CC/MCC	0.6818	
093	3	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC/MCC	0.6827	
774	60	14	MED	VAGINAL DELIVERY W COMPLICATING DIAGNOSES	0.6848	

Hoke County							MS-DRG Title	Weights
MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights			
293	10	05	MED	HEART FAILURE & SHOCK W/O CC/MCC	0.6853			
607	3	09	MED	MINOR SKIN DISORDERS W/O MCC	0.6857			
125	2	02	MED	OTHER DISORDERS OF THE EYE W/O MCC	0.6859			
948	8	23	MED	SIGNS & SYMPTOMS W/O MCC	0.6865			
440	19	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W/O CC/MCC	0.6890			
641	40	10	MED	NUTRITIONAL & MISC METABOLIC DISORDERS W/O MCC	0.6916			
090	2	01	MED	CONCUSSION W/O CC/MCC	0.6927			
914	4	21	MED	TRAUMATIC INJURY W/O MCC	0.6994			
726	8	12	MED	BENIGN PROSTATIC HYPERTROPHY W/O MCC	0.7013			
195	8	04	MED	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	0.7096			
694	11	11	MED	URINARY STONES W/O ESW LITHOTRIPSY W/O MCC	0.7096			
123	1	02	MED	NEUROLOGICAL EYE DISORDERS	0.7144			
379	8	06	MED	G.I. HEMORRHAGE W/O CC/MCC	0.7146			
563	7	08	MED	FX. SPERM. STRN & DISL. EXCEPT FEMUR, HIP, PELVIS & THIGH W/O MCC	0.7153			
312	34	05	MED	SYNCOPE & COLLAPSE	0.7172			
392	83	06	MED	ESOPHAGITIS, GASTROENT. & MISC DIGEST DISORDERS W/O MCC	0.7173			
605	2	09	MED	TRAUMA TO THE SKIN, SUBCLT TISS & BREAST W/O MCC	0.7182			
536	4	08	MED	FRACTURES OF HIP & PELVIS W/O MCC	0.7191			
645	7	10	MED	ENDOCRINE DISORDERS W/O CC/MCC	0.7198			
869	18	18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W/O CC/MCC	0.7207			
201	1	04	MED	PNEUMOTHORAX W/O CC/MCC	0.7210			
192	19	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC	0.7220			
069	30	01	MED	TRANSIENT ISCHEMIA	0.7311			
547	4	08	MED	CONNECTIVE TISSUE DISORDERS W/O CC/MCC	0.7348			
759	5	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.7368			
081	3	01	MED	NONTRAUMATIC STUPOR & COMA W/O MCC	0.7392			
777	2	14	MED	ECTOPIC PREGNANCY	0.7406			
446	4	07	MED	DISORDERS OF THE BILIARY TRACT W/O CC/MCC	0.7411			
866	4	18	MED	VIRAL ILLNESS W/O MCC	0.7462			
072	1	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O CC/MCC	0.7499			
079	1	01	MED	HYPERTENSIVE ENCEPHALOPATHY W/O CC/MCC	0.7533			
370	10	06	MED	MAJOR ESOPHAGEAL DISORDERS W/O CC/MCC	0.7546			
206	10	04	MED	OTHER RESPIRATORY SYSTEM DIAGNOSES W/O MCC	0.7575			
060	01	01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W/O CC/MCC	0.7578			
594	09	09	MED	SKIN ULCERS W/O CC/MCC	0.7591			
534	1	08	MED	FRACTURES OF FEMUR W/O MCC	0.7601			
728	2	12	MED	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM W/O MCC	0.7612			
101	19	01	MED	SEIZURES W/O MCC	0.7619			
188	1	04	MED	PLEURAL EFFUSION W/O CC/MCC	0.7678			
697	11	11	MED	URETHRAL STRICTURE	0.7771			
544	08	08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W/O CC/MCC	0.7775			
387	1	06	MED	INFLAMMATORY BOWEL DISEASE W/O CC/MCC	0.7813			
690	34	11	MED	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	0.7864			
887	19	19	MED	OTHER MENTAL DISORDER DIAGNOSES	0.7888			
886	19	19	MED	BEHAVIORAL & DEVELOPMENTAL DISORDERS	0.7903			
087	4	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W/O CC/MCC	0.7929			
812	46	16	MED	RED BLOOD CELL DISORDERS W/O MCC	0.7957			
307	3	05	MED	CARDIAC CONGENITAL & VALVULAR DISORDERS W/O MCC	0.7974			
845	1	17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W/O CC/MCC	0.8029			
282	5	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W/O CC/MCC	0.8064			
148	17	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W/O CC/MCC	0.8066			
848	17	17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W/O CC/MCC	0.8078			
182	04	04	MED	RESPIRATORY NEOPLASMS W/O CC/MCC	0.8096			
382	1	06	MED	COMPLICATED PEPTIC ULCER W/O CC/MCC	0.8130			
066	13	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W/O CC/MCC	0.8198			
198	1	04	MED	INTERSTITIAL LUNG DISEASE W/O CC/MCC	0.8203			
552	19	08	MED	MEDICAL BACK PROBLEMS W/O MCC	0.8204			
537	2	08	MED	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH W CC/MCC	0.8275			
550	08	08	MED	SEPTIC ARTHRITIS W/O CC/MCC	0.8276			
864	6	18	MED	FEVER	0.8276			
638	41	10	MED	DIABETES W CC	0.8306			
384	1	06	MED	UNCOMPLICATED PEPTIC ULCER W/O MCC	0.8326			
603	36	09	MED	CELLULITIS W/O MCC	0.8377			
309	21	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W CC	0.8387			

Hoke County

MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights
760	3	13	MED	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS W/CC/MCC	0.8388
202	16	04	MED	BRONCHITIS & ASTHMA W/CC/MCC	0.8424
053		01	MED	SPINAL DISORDERS & INJURIES W/O CC/MCC	0.8441
376		06	MED	DIGESTIVE MALIGNANCY W/O CC/MCC	0.8478
373	3	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W/O CC/MCC	0.8599
074	13	01	MED	CRANIAL & PERIPHERAL NERVE DISORDERS W/O MCC	0.8606
541		08	MED	OSTEOMYELITIS W/O CC/MCC	0.8713
068	1	01	MED	NONSPECIFIC CVA & PRECEREBRAL OCCLUSION W/O INFARCT W/O MCC	0.8751
596	1	09	MED	MAJOR SKIN DISORDERS W/O MCC	0.8779
558	6	08	MED	TENDONITIS, MYOSITIS & BURSTITIS W/O MCC	0.8823
284	1	05	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W/CC	0.8888
685	3	11	MED	ADMIT FOR RENAL DIALYSIS	0.8944
084	3	01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W/O CC/MCC	0.8959
976	1	25	MED	HIV W MAJOR RELATED CONDITION W/O CC/MCC	0.8975
437		07	MED	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS W/O CC/MCC	0.9004
155	3	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W/CC	0.9017
158	1	03	MED	DENTAL & ORAL DISEASES W/CC	0.9027
885		19	MED	PSYCHOSES	0.9041
076	2	01	MED	VIRAL MENINGITIS W/O CC/MCC	0.9050
565		08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W/CC	0.9055
121		02	MED	ACUTE MAJOR EYE INFECTIONS W/CC/MCC	0.9104
810		16	MED	MAJOR HEMATOL/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W/O CC/MCC	0.9230
884		19	MED	ORGANIC DISTURBANCES & MENTAL RETARDATION	0.9508
389	14	06	MED	G.I. OBSTRUCTION W/CC	0.9344
057	8	01	MED	DEGENERATIVE NERVOUS SYSTEM DISORDERS W/O MCC	0.9350
965		24	MED	OTHER MULTIPLE SIGNIFICANT TRAUMA W/O CC/MCC	0.9386
092	3	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W/CC	0.9404
433		07	MED	CIRRHOSIS & ALCOHOLIC HEPATITIS W/CC	0.9548
152	3	03	MED	OTTITIS MEDIA & URI W/CC	0.9584
600		09	MED	NON-MALIGNANT BREAST DISORDERS W/CC/MCC	0.9602
089	1	01	MED	CONCUSSION W/CC	0.9667
315	9	05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W/CC	0.9681
191	58	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/CC	0.9735
184	1	04	MED	MAJOR CHEST TRAUMA W/CC	0.9755
302	2	05	MED	ATHEROSCLEROSIS W/CC	0.9755
300	7	05	MED	PERIPHERAL VASCULAR DISORDERS W/CC	0.9776
920	6	21	MED	COMPLICATIONS OF TREATMENT W/CC	0.9785
863	9	18	MED	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS W/O MCC	0.9790
059		01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W/CC	0.9811
442	4	07	MED	DISORDERS OF LIVER EXCEPT MALIGN, CIRRHOSIS & ALCOHOLIC LIVER DISEASE W/CC	0.9857
847	19	17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W/CC	0.9860
179	4	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W/O CC/MCC	0.9861
729		12	MED	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES W/CC/MCC	0.9892
394	18	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W/CC	0.9939
699	11	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W/CC	0.9999
949	1	23	MED	AFTERCARE W/CC/MCC	1.0006
560		08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W/CC	1.0022
815		16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W/CC	1.0024
439	15	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W/CC	1.0089
194	34	04	MED	SIMPLE PNEUMONIA & PLEURISY W/CC	1.0152
078	1	01	MED	HYPERTENSIVE ENCEPHALOPATHY W/CC	1.0154
723		12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W/CC	1.0190
683	59	11	MED	RENAL FAILURE W/CC	1.0243
200	3	04	MED	PNEUMOTHORAX W/CC	1.0252
304	3	05	MED	HYPERTENSION W/CC	1.0263
378	38	06	MED	G.I. HEMORRHAGE W/CC	1.0274
895		20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/REHABILITATION THERAPY	1.0275
102		01	MED	HEADACHES W/CC	1.0288
642	1	10	MED	INBORN ERRORS OF METABOLISM	1.0290
292	62	05	MED	HEART FAILURE & SHOCK W/CC	1.0302
294		05	MED	DEEP VEIN THROMBOPHLEBITIS W/CC/MCC	1.0373
842	2	17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC/MCC	1.0389
386	12	06	MED	INFLAMMATORY BOWEL DISEASE W/CC	1.0435
977	5	25	MED	HIV W/ OR W/O OTHER RELATED CONDITION	1.0486

Hoke County						
MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights	
598		09	MED	MALIGNANT BREAST DISORDERS W CC	1.0611	
055	1	01	MED	NERVOUS SYSTEM NEOPLASMS W/O MCC	1.0649	
644		10	MED	ENDOCRINE DISORDERS W CC	1.0655	
445	5	07	MED	DISORDERS OF THE BILIARY TRACT W CC	1.0688	
883	19	04	MED	DISORDERS OF PERSONALITY & IMPULSE CONTROL	1.0694	
176	13	04	MED	PULMONARY EMBOLISM W/O MCC	1.0706	
593	2	09	MED	SKIN ULCERS W CC	1.0709	
369	1	06	MED	MAJOR ESOPHAGEAL DISORDERS W CC	1.0772	
687		11	MED	KIDNEY & URINARY TRACT NEOPLASMS W CC	1.0838	
287	56	05	MED	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	1.0879	
947	1	23	MED	SIGNS & SYMPTOMS W MCC	1.0952	
555	4	08	MED	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE W MCC	1.0954	
758	3	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W CC	1.0963	
187	1	04	MED	PLEURAL EFFUSION W CC	1.1027	
071	2	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W CC	1.1054	
197	2	04	MED	INTERSTITIAL LUNG DISEASE W CC	1.1176	
692		11	MED	URINARY STONES W FSW LITHOTRIPSY W/O CC/MCC	1.1186	
381	3	06	MED	COMPLICATED PEPTIC ULCER W CC	1.1207	
946		23	MED	REHABILITATION W/O CC/MCC	1.1273	
553	3	08	MED	BONE DISEASES & ARTHROPATHIES W MCC	1.1355	
836		17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W/O CC/MCC	1.1386	
640	14	10	MED	NUTRITIONAL & MISC METABOLIC DISORDERS W MCC	1.1400	
755		13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W CC	1.1444	
872	62	18	MED	SEPTICEMIA OR SEVERE SEPSIS W/O MV 96+ HOURS W/O MCC	1.1545	
391	11	06	MED	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W MCC	1.1550	
543	1	08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W CC	1.1597	
868		18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W CC	1.1614	
065	21	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W CC	1.1667	
296	1	05	MED	CARDIAC ARREST, UNEXPLAINED W MCC	1.1692	
546	8	08	MED	CONNECTIVE TISSUE DISORDERS W CC	1.1712	
124		02	MED	OTHER DISORDERS OF THE EYE W MCC	1.1903	
080	2	01	MED	NONTRAUMATIC STUPOR & COMA W MCC	1.1909	
281	9	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W CC	1.1912	
190	25	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W MCC	1.1924	
844		17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W CC	1.1940	
809	4	16	MED	MAJOR HEMATOL/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W CC	1.1951	
383		06	MED	UNCOMPLICATED PEPTIC ULCER W MCC	1.1982	
549		08	MED	SEPTIC ARTHRITIS W CC	1.2035	
086	3	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W CC	1.2051	
695	1	11	MED	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS W MCC	1.2082	
099	1	01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W/O CC/MCC	1.2084	
794	60	15	MED	NEONATE W OTHER SIGNIFICANT PROBLEMS	1.2181	
181	3	04	MED	RESPIRATORY NEOPLASMS W CC	1.2182	
689	9	11	MED	KIDNEY & URINARY TRACT INFECTIONS W MCC	1.2185	
436	3	07	MED	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS W CC	1.2215	
308	15	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W MCC	1.2339	
604		09	MED	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST W MCC	1.2361	
147	1	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W CC	1.2413	
811	12	16	MED	RED BLOOD CELL DISORDERS W MCC	1.2544	
849		17	MED	RADIOTHERAPY	1.2627	
725		12	MED	BENIGN PROSTATIC HYPERTROPHY W MCC	1.2742	
945		23	MED	REHABILITATION W CC/MCC	1.2795	
375	1	06	MED	DIGESTIVE MALIGNANCY W CC	1.2801	
150	1	03	MED	EPISTAXIS W MCC	1.2808	
189	27	04	MED	PULMONARY EDEMA & RESPIRATORY FAILURE	1.2809	
839		17	MED	CHEMO W ACUTE LEUKEMIA AS SDX W/O CC/MCC	1.2823	
073	3	01	MED	CRANIAL & PERIPHERAL NERVE DISORDERS W MCC	1.2907	
935	6	22	MED	NON-EXTENSIVE BURNS	1.2919	
372	9	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W CC	1.2935	
290		05	MED	ACUTE & SUBACUTE ENDOCARDITIS W/O CC/MCC	1.2959	
205	1	04	MED	OTHER RESPIRATORY SYSTEM DIAGNOSES W MCC	1.2972	
606		09	MED	MINOR SKIN DISORDERS W MCC	1.3082	
540		08	MED	OSTEOMYELITIS W CC	1.3126	
083		01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W CC	1.3264	

Hoke County

MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights
913		21	MED	TRAUMATIC INJURY W MCC	1.3444
922		21	MED	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W MCC	1.3478
693		11	MED	URINARY STONES W/O ESW LITHOTRIPSY W MCC	1.3505
535	2	08	MED	FRACTURES OF HIP & PELVIS W MCC	1.3527
934	1	22	MED	FULL THICKNESS BURN W/O SKIN GRFT OR INHAL INJ	1.3556
975		25	MED	HIV W MAJOR RELATED CONDITION W CC	1.3640
727	1	12	MED	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM W MCC	1.3657
562	2	08	MED	FX, SPRN, STRN & DISL EXCEPT FEMUR, HIP, PELVIS & THIGH W MCC	1.3944
154	1	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W MCC	1.3965
299	3	05	MED	PERIPHERAL VASCULAR DISORDERS W MCC	1.4072
067	1	01	MED	NONSPECIFIC CVA & PRECEREBRAL OCCLUSION W/O INFARCT W MCC	1.4231
915		21	MED	ALLERGIC REACTIONS W MCC	1.4252
813	1	16	MED	COAGULATION DISORDERS	1.4372
637	9	10	MED	DIABETES W MCC	1.4462
896		20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W MCC	1.4565
306	1	05	MED	CARDIAC CONGENITAL & VALVULAR DISORDERS W MCC	1.4667
564		08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W MCC	1.4702
602	3	09	MED	CELLULITIS W MCC	1.4748
193	23	04	MED	SIMPLE PNEUMONIA & PLEURISY W MCC	1.4796
054	2	01	MED	NERVOUS SYSTEM NEOPLASMS W MCC	1.4863
917	6	21	MED	POISONING & TOXIC EFFECTS OF DRUGS W MCC	1.4868
088		01	MED	CONCUSSION W MCC	1.4872
789	10	15	MED	NEONATES, DIED OR TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	1.4877
178	7	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W CC	1.4887
964	1	24	MED	OTHER MULTIPLE SIGNIFICANT TRAUMA W CC	1.4901
183	1	04	MED	MAJOR CHEST TRAUMA W MCC	1.4942
291	64	05	MED	HEART FAILURE & SHOCK W MCC	1.4943
100	10	01	MED	SEIZURES W MCC	1.5107
063		01	MED	ACUTE ISCHEMIC STROKE W USE OF THROMBOLYTIC AGENT W/O CC/MCC	1.5251
444	4	07	MED	DISORDERS OF THE BILIARY TRACT W MCC	1.5586
597		09	MED	MALIGNANT BREAST DISORDERS W MCC	1.5596
186	4	04	MED	PLEURAL EFFUSION W MCC	1.5637
865	3	18	MED	VIRAL ILLNESS W MCC	1.5651
533		08	MED	FRACTURES OF FEMUR W MCC	1.5657
157		03	MED	DENTAL & ORAL DISEASES W MCC	1.5794
058		01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W MCC	1.5856
919	6	21	MED	COMPLICATIONS OF TREATMENT W MCC	1.5903
557		08	MED	TENDONITIS, MYOSITIS & BURSITIS W MCC	1.6021
196	1	04	MED	INTERSTITIAL LUNG DISEASE W MCC	1.6062
175	3	04	MED	PULMONARY EMBOLISM W MCC	1.6096
698	13	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W MCC	1.6098
052		01	MED	SPINAL DISORDERS & INJURIES W CC/MCC	1.6109
691		11	MED	URINARY STONES W ESW LITHOTRIPSY W CC/MCC	1.6156
091	1	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W MCC	1.6318
841	1	17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W CC	1.6376
551	3	08	MED	MEDICAL BACK PROBLEMS W MCC	1.6398
682	32	11	MED	RENAL FAILURE W MCC	1.6407
814		16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W MCC	1.6431
388		06	MED	G.I. OBSTRUCTION W MCC	1.6457
757	5	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W MCC	1.6565
075	3	01	MED	VIRAL MENINGITIS W CC/MCC	1.6567
393	5	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W MCC	1.6593
056	2	01	MED	DEGENERATIVE NERVOUS SYSTEM DISORDERS W MCC	1.6748
722	1	12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W MCC	1.6891
432	3	07	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W MCC	1.7001
283	1	05	MED	CIRRHOSIS & ALCOHOLIC HEPATITIS W MCC	1.7151
180	4	04	MED	RESPIRATORY NEOPLASMS W MCC	1.7361
077		01	MED	HYPERTENSIVE ENCEPHALOPATHY W MCC	1.7376
377	7	06	MED	G.I. HEMORRHAGE W MCC	1.7541
368	2	06	MED	MAJOR ESOPHAGEAL DISORDERS W MCC	1.7578
592	2	09	MED	SKIN ULCERS W MCC	1.7669
559		08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W MCC	1.7717
199	1	04	MED	PNEUMOTHORAX W MCC	1.7895
435	1	07	MED	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS W MCC	1.8018

Hoke County						
MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights	
314	19	05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W MCC	1.8145	
643		10	MED	ENDOCRINE DISORDERS W MCC	1.8159	
686		11	MED	KIDNEY & URINARY TRACT NEOPLASMS W MCC	1.8238	
441	8	07	MED	DISORDERS OF LIVER EXCEPT MALIGN, CIRRH, ALC, HEPA W MCC	1.8242	
438	3	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W MCC	1.8342	
843		17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W MCC	1.8363	
070	4	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W MCC	1.8417	
289		05	MED	ACUTE & SUBACUTE ENDOCARDITIS W CC	1.8492	
280	8	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W MCC	1.8503	
064	11	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W MCC	1.8674	
595		09	MED	MAJOR SKIN DISORDERS W MCC	1.8690	
871	103	18	MED	SEPTICEMIA OR SEVERE SEPSIS W/O MV 96+ HOURS W MCC	1.9074	
385	2	06	MED	INFLAMMATORY BOWEL DISEASE W MCC	1.9102	
098		01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W CC	1.9106	
096		01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W/O CC/MCC	1.9247	
062		01	MED	ACUTE ISCHEMIC STROKE W USE OF THROMBOLYTIC AGENT W CC	1.9479	
862	3	18	MED	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS W MCC	1.9511	
542		08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W MCC	1.9521	
548		08	MED	SEPTIC ARTHRITIS W MCC	1.9648	
380		06	MED	COMPLICATED PEPTIC ULCER W MCC	1.9656	
286	9	05	MED	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W MCC	2.0014	
082	1	01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W MCC	2.0130	
792	32	15	MED	PREMATURITY W/O MAJOR PROBLEMS	2.0216	
754		13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W MCC	2.0295	
539	1	08	MED	OSTEOMYELITIS W MCC	2.0467	
177	11	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W MCC	2.0667	
374		06	MED	DIGESTIVE MALIGNANCY W MCC	2.0674	
371	2	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W MCC	2.0886	
085	1	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W MCC	2.1423	
808	2	16	MED	MAJOR HEMATOL/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W MCC	2.1479	
146	1	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W MCC	2.1886	
846		17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W MCC	2.1961	
933		22	MED	EXTENSIVE BURNS OR FULL THICKNESS BURNS W MV 96+ HRS W/O SKIN GRAFT	2.1979	
208	20	04	MED	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT <96 HOURS	2.2630	
095	1	01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W CC	2.3977	
835		17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W CC	2.4284	
867	1	18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W MCC	2.4708	
545	3	08	MED	CONNECTIVE TISSUE DISORDERS W MCC	2.5467	
974	9	25	MED	HIV W MAJOR RELATED CONDITION W MCC	2.5849	
963	1	24	MED	OTHER MULTIPLE SIGNIFICANT TRAUMA W MCC	2.8123	
840		17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W MCC	2.9317	
288	2	05	MED	ACUTE & SUBACUTE ENDOCARDITIS W MCC	2.9397	
061		01	MED	ACUTE ISCHEMIC STROKE W USE OF THROMBOLYTIC AGENT W MCC	2.9568	
838		17	MED	CHEMO W ACUTE LEUKEMIA AS SDX W CC OR HIGH DOSE CHEMO AGENT	3.1428	
097		01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W MCC	3.2191	
791	10	15	MED	PREMATURITY W MAJOR PROBLEMS	3.3505	
793	25	15	MED	FULL TERM NEONATE W MAJOR PROBLEMS	3.4417	
094		01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W MCC	3.6769	
790	7	15	MED	EXTREME IMMATURETY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	4.9058	
834		17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W MCC	4.9277	
207	5	04	MED	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT 96+ HOURS	5.2068	
870	12	18	MED	SEPTICEMIA OR SEVERE SEPSIS W MV 96+ HOURS	5.8505	
837		17	MED	CHEMO W ACUTE LEUKEMIA AS SDX OR W HIGH DOSE CHEMO AGENT W MCC	6.6599	
714		12	SURG	TRANSURETHRAL PROSTATECTOMY W/O CC/MCC	0.6544	
770	2	14	SURG	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY	0.7017	
117	1	02	SURG	INTRAOCULAR PROCEDURES W/O CC/MCC	0.7505	
670		11	SURG	TRANSURETHRAL PROCEDURES W/O CC/MCC	0.7770	
627	4	10	SURG	THYROID, PARATHYROID & THYROID GLAND PROCEDURES W/O CC/MCC	0.7821	
138		03	SURG	MOUTH PROCEDURES W/O CC/MCC	0.7841	
672		11	SURG	URETHRAL PROCEDURES W/O CC/MCC	0.7885	
667		11	SURG	PROSTATECTOMY W/O CC/MCC	0.7919	
349	1	06	SURG	ANAL & STOMAL PROCEDURES W/O CC/MCC	0.7981	
766	91	14	SURG	CESAREAN SECTION W/O CC/MCC	0.7995	

Hoke County						
MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights	
718		12	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXC MALIGNANCY W/O CC/MCC	0.8044	
745		13	SURG	D&C, CONIZATION, LAPAROSCOPY & TUBAL INTERRUPTION W/O CC/MCC	0.8045	
712		12	SURG	TESTES PROCEDURES W/O CC/MCC	0.8084	
514	1	08	SURG	HAND OR WRIST PROC, EXCEPT MAJOR THUMB OR JOINT PROC W/O CC/MCC	0.8209	
583	3	09	SURG	MASTECTOMY FOR MALIGNANCY W/O CC/MCC	0.8454	
134	2	03	SURG	OTHER EAR, NOSE, MOUTH & THROAT O.R. PROCEDURES W/O CC/MCC	0.8514	
352		06	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W/O CC/MCC	0.8628	
139	1	03	SURG	SALIVARY GLAND PROCEDURES	0.8756	
747	3	13	SURG	VAGINA, CERVIX & VULVA PROCEDURES W/O CC/MCC	0.8852	
114		02	SURG	ORBITAL PROCEDURES W/O CC/MCC	0.8989	
743	28	13	SURG	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	0.9079	
767	12	14	SURG	VAGINAL DELIVERY W/STERILIZATION & OR D&C	0.9111	
748	2	13	SURG	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	0.9169	
581	1	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W/O CC/MCC	0.9223	
750		13	SURG	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES W/O CC/MCC	0.9368	
343	12	06	SURG	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W/O CC/MCC	0.9568	
257	1	05	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W/O CC/MCC	0.9750	
136		03	SURG	SINUS & MASTOID PROCEDURES W/O CC/MCC	0.9751	
491	5	08	SURG	BACK & NECK PROC EXC SPINAL FUSION W/O CC/MCC	0.9914	
499		08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES OF HIP & FEMUR W/O CC/MCC	0.9917	
476	1	08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W/O CC/MCC	0.9920	
716		10	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC FOR MALIGNANCY W/O CC/MCC	0.9974	
624		10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W/O CC/MCC	1.0122	
039	9	01	SURG	EXTRACRANIAL PROCEDURES W/O CC/MCC	1.0185	
502	4	08	SURG	SOFT TISSUE PROCEDURES W/O CC/MCC	1.0305	
355	6	06	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W/O CC/MCC	1.0329	
906		21	SURG	HAND PROCEDURES FOR INJURIES	1.0356	
585	1	09	SURG	BREAST BIOPSY, LOCAL EXCISION & OTHER BREAST PROCEDURES W/O CC/MCC	1.0411	
578		09	SURG	SKIN GRAFT &/OR DEBRID EXC FOR SKIN ULCER OR CELLULITIS W/O CC/MCC	1.0416	
804		16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W/O CC/MCC	1.0446	
512	4	08	SURG	SHOULDER, ELBOW OR FOREARM PROC EXC MAJOR JOINT PROC W/O CC/MCC	1.0461	
582	1	09	SURG	MASTECTOMY FOR MALIGNANCY W/O CC/MCC	1.0567	
903	1	21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W/O CC/MCC	1.0624	
497	1	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W/O CC/MCC	1.0770	
505	1	08	SURG	FOOT PROCEDURES W/O CC/MCC	1.0770	
575		09	SURG	SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS W/O CC/MCC	1.0899	
830		17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER O.R. PROC W/O CC/MCC	1.0976	
741		13	SURG	UTERINE ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG W/O CC/MCC	1.0979	
664	1	11	SURG	MINOR BLADDER PROCEDURES W/O CC/MCC	1.1074	
986			SURG	PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W/O CC/MCC	1.1140	
262		05	SURG	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W/O CC/MCC	1.1246	
765	61	14	SURG	CESAREAN SECTION W/CC/MCC	1.1269	
941		23	SURG	O.R. PROC W/DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W/O CC/MCC	1.1457	
909	3	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W/O CC/MCC	1.1554	
735		13	SURG	PELVIC EVISCERATION, RAD HYSTERECTOMY & RAD YULVECTOMY W/O CC/MCC	1.1684	
419	13	07	SURG	LAPAROSCOPIC CHOLECYSTECTOMY W/O C.D.E. W/O CC/MCC	1.1698	
626	3	10	SURG	THYROID, PARATHYROID & THYROID GLAND PROCEDURES W/O CC/MCC	1.1701	
905		21	SURG	SKIN GRAFTS FOR INJURIES W/O CC/MCC	1.1714	
713	1	12	SURG	TRANSURETHRAL PROSTATECTOMY W/O CC/MCC	1.1802	
506	1	08	SURG	MAJOR THUMB OR JOINT PROCEDURES	1.1815	
346		06	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W/O CC/MCC	1.1883	
618		10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE, NUTRIT, & METABOL DIS W/O CC/MCC	1.2006	
115		02	SURG	EXTRAOCULAR PROCEDURES EXCEPT ORBIT	1.2084	
489	2	08	SURG	KNEE PROCEDURES W/O PDX OF INFECTION W/O CC/MCC	1.2141	
822		17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W/O CC/MCC	1.2253	
130		03	SURG	MAJOR HEAD & NECK PROCEDURES W/O CC/MCC	1.2299	
738	1	13	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W/O CC/MCC	1.2324	
340	4	06	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W/O CC/MCC	1.2393	
825		17	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W/O CC/MCC	1.2418	
132	2	03	SURG	CRANIAL/FACIAL PROCEDURES W/O CC/MCC	1.2447	
708	3	12	SURG	MAJOR MALE PELVIC PROCEDURES W/O CC/MCC	1.2581	
669	2	11	SURG	TRANSURETHRAL PROCEDURES W/O CC/MCC	1.2597	
661	4	11	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W/O CC/MCC	1.2641	
116		02	SURG	INTRAOCULAR PROCEDURES W/O CC/MCC	1.2675	

Hoke County						
MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights	
710		12	SURG	PENIS PROCEDURES W/O CC/MCC	1.2712	
422	1	07	SURG	HEPATOBIILIARY DIAGNOSTIC PROCEDURES W/O CC/MCC	1.2742	
137		03	SURG	MOUTH PROCEDURES W CC/MCC	1.3007	
513	2	08	SURG	HAND OR WRIST PROC. EXCEPT MAJOR THUMB OR JOINT PROC W CC/MCC	1.3007	
168	2	04	SURG	OTHER RESP SYSTEM O.R. PROCEDURES W/O CC/MCC	1.3008	
358	1	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W/O CC/MCC	1.3010	
858	18	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W/O CC/MCC	1.3050	
416	2	07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W/O CC/MCC	1.3080	
494	11	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP, FOOT, FEMUR W/O CC/MCC	1.3140	
509		08	SURG	ARTHROSCOPY	1.3148	
342	1	06	SURG	APPENDICITOMY W/O COMPLICATED PRINCIPAL DIAG W CC	1.3246	
746	2	13	SURG	VAGINA, GERVIX & VULVA PROCEDURES W CC/MCC	1.3373	
675		11	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W/O CC/MCC	1.3379	
351		06	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W CC	1.3539	
033		01	SURG	VENTRICULAR SHUNT PROCEDURES W/O CC/MCC	1.3626	
348	2	06	SURG	ANAL & STOMAL PROCEDURES W CC	1.3705	
855		18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W/O CC/MCC	1.3797	
828	17	17	SURG	MYELOPROLIF DISOR OR POORLY DIFF NEOPL W MAJ O.R. PROC W/O CC/MCC	1.3861	
742	6	13	SURG	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W CC/MCC	1.3883	
508		08	SURG	MAJOR SHOULDER OR ELBOW JOINT PROCEDURES W/O CC/MCC	1.3956	
615		10	SURG	ADRENAL & PITUITARY PROCEDURES W/O CC/MCC	1.3970	
630		10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W/O CC/MCC	1.4164	
658	1	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W/O CC/MCC	1.4224	
328	4	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W/O CC/MCC	1.4298	
671		11	SURG	URETHRAL PROCEDURES W CC/MCC	1.4400	
241	1	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W/O CC/MCC	1.4631	
511		08	SURG	SHOULDER, ELBOW OR FOREARM PROC EXC MAJOR JOINT PROC W CC	1.4690	
663		11	SURG	MINOR BLADDER PROCEDURES W CC	1.4718	
487		08	SURG	KNEE PROCEDURES W PDX OF INFECTION W/O CC/MCC	1.4724	
621	4	10	SURG	O.R. PROCEDURES FOR OBESITY W/O CC/MCC	1.4747	
337	4	06	SURG	PERITONEAL ADHESION W/O CC/MCC	1.4789	
517	2	08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W/O CC/MCC	1.4797	
580	7	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W CC	1.4959	
744	2	13	SURG	D&C, CONIZATION, LAPAROSCOPY & TUBAL INTERRUPTION W CC/MCC	1.5151	
584	1	09	SURG	BREAST BIOPSY, LOCAL EXCISION & OTHER BREAST PROCEDURES W CC/MCC	1.5153	
740	1	13	SURG	UTERINE, ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIGN W CC	1.5280	
482	6	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W/O CC/MCC	1.5372	
038		01	SURG	EXTRACRANIAL PROCEDURES W CC	1.5462	
354	2	06	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W CC	1.5523	
801		16	SURG	SPLENECTOMY W/O CC/MCC	1.5586	
504	1	08	SURG	FOOT PROCEDURES W CC	1.5685	
501		08	SURG	SOFT TISSUE PROCEDURES W CC	1.5846	
256		05	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W CC	1.5969	
334		06	SURG	RECTAL RESECTION W/O CC/MCC	1.5979	
410		07	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W/O CC/MCC	1.6114	
254	10	05	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXC MALIGNANCY W CC/MCC	1.6138	
496	3	08	SURG	OTHER VASCULAR PROCEDURES W/O CC/MCC	1.6152	
331	5	06	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W CC	1.6207	
425		07	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W/O CC/MCC	1.6267	
479	3	08	SURG	OTHER HEPATOBIILIARY OR PANCREAS O.R. PROCEDURES W/O CC/MCC	1.6273	
036		01	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W/O CC/MCC	1.6367	
030		01	SURG	CAROTID ARTERY STENT PROCEDURE W/O CC/MCC	1.6390	
666		11	SURG	SPINAL PROCEDURES W/O CC/MCC	1.6433	
261	1	05	SURG	PROSTATECTOMY W CC	1.6440	
940	2	23	SURG	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W CC	1.6469	
042	1	01	SURG	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W CC	1.6797	
418	8	07	SURG	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W/O CC/MCC	1.6905	
133	3	03	SURG	LAPAROSCOPIC CHOLECYSTECTOMY W/O C.D.E. W CC	1.6996	
345		06	SURG	OTHER EAR, NOSE, MOUTH & THROAT O.R. PROCEDURES W CC/MCC	1.7000	
577	2	09	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W CC	1.7035	
413		07	SURG	SKIN GRAFT &/OR DEBRID EXC FOR SKIN ULCER OR CELLULITIS W CC	1.7035	
488	1	08	SURG	CHOLECYSTECTOMY W C.D.E. W/O CC/MCC	1.7180	
715	1	12	SURG	KNEE PROCEDURES W/O PDX OF INFECTION W CC/MCC	1.7217	
				OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC FOR MALIGNANCY W CC/MCC	1.7433	

Hoke County						
MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights	
263		05	SURG	VEIN LIGATION & STRIPPING	1.7565	
711		12	SURG	TESTES PROCEDURES W CC/MCC	1.7639	
249	18	05	SURG	PERC CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MCC	1.7732	
707	2	12	SURG	MAJOR MALE PELVIC PROCEDURES W CC/MCC	1.7747	
165	04	04	SURG	MAJOR CHEST PROCEDURES W/O CC/MCC	1.7758	
983	1		SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W/O CC/MCC	1.7767	
465		08	SURG	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCULO-CONN TISS DIS W/O CC/MCC	1.7905	
490	2	08	SURG	BACK & NECK PROC EXC SPINAL FUSION W CC/MCC OR DISC DEVICE/NEUROSTIM	1.7916	
902		21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W CC	1.7922	
251	10	05	SURG	PERC CARDIOVASC PROC W/O CORONARY ARTERY STENT W/O MCC	1.7992	
768		14	SURG	VAGINAL DELIVERY W/O.R. PROC EXCEPT STERIL &/OR D&C	1.8112	
113		02	SURG	ORBITAL PROCEDURES W CC/MCC	1.8311	
259	2	05	SURG	CARDIAC PACEMAKER DEVICE REPLACEMENT W/O MCC	1.8334	
493	6	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP, FOOT, FEMUR W CC	1.8519	
623	2	10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W CC	1.8558	
620		10	SURG	O.R. PROCEDURES FOR OBESITY W CC	1.8627	
709		12	SURG	PENIS PROCEDURES W CC/MCC	1.8630	
339	1	06	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W CC	1.8659	
407	2	07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W/O CC/MCC	1.8665	
574	3	09	SURG	SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS W CC	1.8675	
507	1	08	SURG	MAJOR SHOULDER OR ELBOW JOINT PROCEDURES W CC/MCC	1.8711	
988	2		SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W CC	1.8739	
481	10	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W CC	1.8886	
803		16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W CC	1.8905	
421	1	07	SURG	HEPATOBILLIARY DIAGNOSTIC PROCEDURES W CC	1.8910	
660	1	11	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W CC	1.9030	
135		03	SURG	SINUS & MASTOID PROCEDURES W CC/MCC	1.9082	
032	2	01	SURG	VENTRICULAR SHUNT PROCEDURES W CC	1.9220	
516	3	08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W CC	1.9244	
908	3	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W CC	1.9251	
013		PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W/O CC/MCC	1.9505	
484	5	08	SURG	MAJOR JOINT & LIMB REATTACHMENT PROC OF UPPER EXTREMITY W/O CC/MCC	1.9554	
655		11	SURG	MAJOR BLADDER PROCEDURES W/O CC/MCC	1.9567	
475		08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W CC	1.9594	
247	32	05	SURG	PERC CARDIOVASC PROC W DRUG-ELUTING STENT W/O MCC	1.9691	
498		08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES OF HIP & FEMUR W CC/MCC	1.9912	
657	3	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W CC	2.0004	
617	4	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE, NUTRIT, & METABOL DIS W CC	2.0006	
486	1	08	SURG	KNEE PROCEDURES W PDX OF INFECTION W CC	2.0339	
737		13	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W CC	2.0375	
244	3	05	SURG	PERMANENT CARDIAC PACEMAKER IMPLANT W/O CC/MCC	2.0398	
929	1	22	SURG	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W/O CC/MCC	2.0557	
167	4	04	SURG	OTHER RESP SYSTEM O.R. PROCEDURES W CC	2.0567	
769		14	SURG	POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PROCEDURE	2.0631	
473	9	08	SURG	CERVICAL SPINAL FUSION W/O CC/MCC	2.0768	
415		07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W CC	2.0897	
131		03	SURG	CRANIAL/FACIAL PROCEDURES W CC/MCC	2.0915	
674	1	11	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W CC	2.0934	
857	2	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W CC	2.0975	
470	66	08	SURG	MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	2.1039	
027	6	01	SURG	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W/O CC/MCC	2.1307	
041	1	01	SURG	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W CC OR PERIPH NEUROSTIM	2.1430	
035		01	SURG	CAROTID ARTERY STENT PROCEDURE W CC	2.1437	
827		17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W CC	2.1459	
357	1	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W CC	2.1466	
985			SURG	PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W CC	2.1508	
510		08	SURG	SHOULDER, ELBOW OR FOREARM PROC EXC MAJOR JOINT PROC W MCC	2.1704	
129		03	SURG	MAJOR HEAD & NECK PROCEDURES W CC/MCC OR MAJOR DEVICE	2.2349	
625		10	SURG	THYROID, PARATHYROID & THYROID GLAND PROCEDURES W MCC	2.2423	
478	2	08	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W CC	2.2546	
341	2	06	SURG	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W MCC	2.2643	
629	3	10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W CC	2.2650	
503		08	SURG	FOOT PROCEDURES W MCC	2.2809	
824	1	17	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W CC	2.3055	

Hoke County

MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights
265		05	SURG	AICD LEAD PROCEDURES	2.3157
959		24	SURG	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W/O CC/MCC	2.3208
336	7	06	SURG	PERITONEAL ADHESIOLYSIS W CC	2.3456
821		17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W CC	2.3998
253	7	05	SURG	OTHER VASCULAR PROCEDURES W CC	2.4014
483	2	08	SURG	MAJOR JOINT & LIMB REATTACHMENT PROC OF UPPER EXTREMITY W CC/MCC	2.4019
347		06	SURG	ANAL & STOMAL PROCEDURES W MCC	2.4183
424		07	SURG	OTHER HEPATOBILIARY OR PANCREAS O.R. PROCEDURES W CC	2.4335
734		13	SURG	PELVIC EVISCERATION, RAD HYSTERECTOMY & RAD VULVECTOMY W CC/MCC	2.4364
614	3	10	SURG	ADRENAL & PITUITARY PROCEDURES W CC/MCC	2.4554
409		07	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W CC	2.4875
350	2	06	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W MCC	2.4877
412		07	SURG	CHOLECYSTECTOMY W C.D.E. W CC	2.4912
333	1	06	SURG	RECTAL RESECTION W CC	2.4960
417	2	07	SURG	LAPAROSCOPIC CHOLECYSTECTOMY W/O C.D.E. W MCC	2.5029
255	1	05	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W MCC	2.5043
668	1	11	SURG	TRANSURETHRAL PROCEDURES W MCC	2.5175
749	1	13	SURG	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES W CC/MCC	2.5275
264	4	05	SURG	OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	2.5305
468	6	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W/O CC/MCC	2.5728
330	8	06	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W CC	2.5830
800		16	SURG	SPLENECTOMY W CC	2.5874
164	3	04	SURG	MAJOR CHEST PROCEDURES W CC	2.6236
243	7	05	SURG	PERMANENT CARDIAC PACEMAKER IMPLANT W CC	2.6508
240	3	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W CC	2.6589
970		25	SURG	HIV W EXTENSIVE O.R. PROCEDURE W/O MCC	2.6755
829	1	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER O.R. PROC W CC/MCC	2.7093
327	4	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W CC	2.7431
353		06	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W MCC	2.7510
472	1	08	SURG	CERVICAL SPINAL FUSION W CC	2.7722
406		07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W CC	2.7791
854	6	18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W CC	2.7883
876		19	SURG	O.R. PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL ILLNESS	2.8143
464	1	08	SURG	WIND DEBRID & SKN GRFT EXC HAND; FOR MUSCULO-CONN TISS DIS W CC	2.8528
665		11	SURG	PROSTATECTOMY W MCC	2.8653
495		08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W MCC	2.8683
939		23	SURG	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W MCC	2.8702
029	1	01	SURG	SPINAL PROCEDURES W CC OR SPINAL NEUROSTIMULATORS	2.8741
250	7	05	SURG	PERC CARDIOVASC PROC W/O CORONARY ARTERY STENT W MCC	2.8836
258		05	SURG	CARDIAC PACEMAKER DEVICE REPLACEMENT W MCC	2.8880
248	5	05	SURG	PERC CARDIOVASC PROC W NON-DRUG-ELUTING STENT W MCC OR 4+ VES/STENTS	2.9248
673	2	11	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W MCC	2.9260
904		21	SURG	SKIN GRAFTS FOR INJURIES W CC/MCC	2.9335
982	7		SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W CC	2.9402
579	1	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W MCC	2.9576
252	19	05	SURG	OTHER VASCULAR PROCEDURES W MCC	2.9754
026	4	01	SURG	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W CC	2.9825
654		11	SURG	MAJOR BLADDER PROCEDURES W CC	3.0054
662		11	SURG	MINOR BLADDER PROCEDURES W MCC	3.0158
500	1	08	SURG	SOFT TISSUE PROCEDURES W MCC	3.0288
652	3	11	SURG	KIDNEY TRANSPLANT	3.0442
492	2	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP-FOOT, FEMUR W MCC	3.0670
238	3	05	SURG	MAJOR CARDIOVASC PROCEDURES W/O MCC	3.0830
480	9	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W MCC	3.0939
012	2	PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W CC	3.1311
037	1	01	SURG	EXTRACRANIAL PROCEDURES W MCC	3.1543
344		06	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W MCC	3.1586
246	5	05	SURG	PERC CARDIOVASC PROC W DRUG-ELUTING STENT W MCC OR 4+ VESSELS/STENTS	3.1802
515		08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W MCC	3.1894
338		06	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W MCC	3.2115
485		08	SURG	KNEE PROCEDURES W PDX OF INFECTION W MCC	3.2131
467	5	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W CC	3.2321
573		09	SURG	SKIN GRAFT &/OR DEBRID FOR SKN ULCER OR CELLULITIS W MCC	3.2461
984			SURG	PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	3.3242

Hoke County

MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights
477	1	08	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W MCC	3.3286
462	9	08	SURG	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY W/O MCC	3.3425
956	2	24	SURG	LIMB REATTACHMENT, HIP & FEMUR PROC FOR MULTIPLE SIGNIFICANT TRAUMA	3.3704
628	2	10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W MCC	3.3819
622	1	10	SURG	SKIN GRAFTS & WOUND/DEBRID FOR ENDOC, NUTRIT & METAB DIS W MCC	3.4166
739	13	13	SURG	UTERINE ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG W MCC	3.4300
987	6	08	SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	3.4495
469	1	08	SURG	MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W MCC	3.4724
474	08	08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W MCC	3.4905
024	01	01	SURG	CRANIO W MAJOR DEV IMPL/Acute COMPLEX CNS PDX W/O MCC	3.4952
659	4	11	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W MCC	3.4988
619	10	10	SURG	O.R. PROCEDURES FOR OBESITY W MCC	3.5214
034	01	01	SURG	CAROTID ARTERY STENT PROCEDURE W MCC	3.5242
230	05	05	SURG	OTHER CARDIOTHORACIC PROCEDURES W/O CC/MCC	3.5451
260	05	05	SURG	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W MCC	3.5500
656	2	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W MCC	3.5713
802	16	16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W MCC	3.6443
420	07	07	SURG	HEPATOBIILIARY DIAGNOSTIC PROCEDURES W MCC	3.6675
414	2	07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W MCC	3.6818
411	07	07	SURG	CHOLECYSTECTOMY W C.D.E. W MCC	3.7277
242	3	05	SURG	PERMANENT CARDIAC PACEMAKER IMPLANT W MCC	3.7383
166	3	04	SURG	OTHER RESP SYSTEM O.R. PROCEDURES W MCC	3.7692
958	1	24	SURG	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W CC	3.7707
236	6	05	SURG	CORONARY BYPASS W/O CARDIAC CATH W/O MCC	3.7831
010	PRE	PRE	SURG	PANCREAS TRANSPLANT	3.8268
907	3	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W MCC	3.8713
460	10	08	SURG	SPINAL FUSION EXCEPT CERVICAL W/O MCC	3.9042
901	21	21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W MCC	3.9248
576	09	09	SURG	SKIN GRAFT &/OR DEBRID EXC FOR SKIN ULCER OR CELLULITIS W MCC	3.9553
040	1	01	SURG	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W MCC	3.9568
408	07	07	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W MCC	4.0293
356	06	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W MCC	4.1261
031	01	01	SURG	VENTRICULAR SHUNT PROCEDURES W MCC	4.1581
022	01	01	SURG	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W/O CC/MCC	4.2486
245	05	05	SURG	AICD GENERATOR PROCEDURES	4.2777
335	2	06	SURG	PERITONEAL ADHESIOLYSIS W MCC	4.3943
736	13	13	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W MCC	4.4577
423	07	07	SURG	OTHER HEPATOBIILIARY OR PANCREAS O.R. PROCEDURES W MCC	4.4801
221	2	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W/O CARD CATH W/O CC/MCC	4.4934
616	2	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DIS W MCC	4.5544
239	4	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W MCC	4.5640
823	17	17	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W MCC	4.7301
471	1	08	SURG	CERVICAL SPINAL FUSION W MCC	4.7575
025	3	01	SURG	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W MCC	4.7666
011	PRE	PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W MCC	4.7724
928	2	22	SURG	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W CC/MCC	4.7745
229	3	05	SURG	OTHER CARDIOTHORACIC PROCEDURES W CC	4.8281
234	11	05	SURG	CORONARY BYPASS W CARDIAC CATH W/O MCC	4.8353
006	PRE	PRE	SURG	LIVER TRANSPLANT W/O MCC	4.8635
332	06	06	SURG	RECTAL RESECTION W MCC	4.8666
826	1	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W MCC	4.9144
466	1	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W MCC	4.9385
458	1	08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W/O CC/MCC	4.9434
461	08	08	SURG	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY W MCC	4.9632
799	16	16	SURG	SPLENECTOMY W MCC	4.9883
008	PRE	PRE	SURG	SIMULTANEOUS PANCREAS/KIDNEY TRANSPLANT	5.0634
463	1	08	SURG	WIND DEBRID & SKN GRTF EXC HAND, FOR MUSCULO-CONN TISS DIS W MCC	5.0828
981	7	07	SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	5.1296
163	5	04	SURG	MAJOR CHEST PROCEDURES W MCC	5.1936
023	1	01	SURG	CRANIO W MAJOR DEV IMPL/Acute COMPLEX CNS PDX W MCC OR CHEMO IMPLANT	5.2807
856	3	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W MCC	
237	3	05	SURG	MAJOR CARDIOVASC PROCEDURES W MCC OR THORACIC AORTIC ANEURYSM REPAIR	
227	7	05	SURG	CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH W/O MCC	
329	6	06	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W MCC	

Hoke County						
MS-DRG	Cases	MDC	TYPE	MS-DRG Title	Weights	
218	1	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W/O CARD CATH W/O CC/MCC	5.3293	
028		01	SURG	SPINAL PROCEDURES W MCC	5.3549	
220	3	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W/O CARD CATH W CC	5.3787	
455		08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W/O CC/MCC	5.4308	
969		25	SURG	HIV W EXTENSIVE O.R. PROCEDURE W MCC	5.5073	
853	23	18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W MCC	5.5237	
955	1	24	SURG	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA	5.5336	
405	2	07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W MCC	5.5743	
820		17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W MCC	5.7112	
326	2	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W MCC	5.8142	
232		05	SURG	CORONARY BYPASS W PTCA W/O MCC	5.8183	
235		05	SURG	CORONARY BYPASS W/O CARDIAC CATH W MCC	5.8530	
015		PRE	SURG	AUTOLOGOUS BONE MARROW TRANSPLANT	5.9504	
225	1	05	SURG	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK W/O MCC	6.0202	
653	1	11	SURG	MAJOR BLADDER PROCEDURES W MCC	6.0929	
457	2	08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W CC	6.2024	
957		24	SURG	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W MCC	6.2519	
021		01	SURG	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W CC	6.2886	
223		05	SURG	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK W/O MCC	6.4250	
226	1	05	SURG	CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH W MCC	6.4510	
459	1	08	SURG	SPINAL FUSION EXCEPT CERVICAL W MCC	6.5065	
217		05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W CARD CATH W CC	6.8038	
233	1	05	SURG	CORONARY BYPASS W CARDIAC CATH W MCC	7.2081	
454		08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W CC	7.2559	
224		05	SURG	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK W MCC	7.5819	
228	1	05	SURG	CORONARY BYPASS W MCC	7.5881	
231		05	SURG	OTHER CARDIOTHORACIC PROCEDURES W MCC	7.8582	
219	3	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W/O CARD CATH W MCC	8.0831	
020		01	SURG	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W MCC	8.2479	
222		05	SURG	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK W MCC	8.5230	
456		08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR 9+ FUS W MCC	9.2885	
007		PRE	SURG	LUNG TRANSPLANT	9.3350	
216	2	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W CARD CATH W MCC	10.0238	
005		PRE	SURG	LIVER TRANSPLANT W MCC OR INTESTINAL TRANSPLANT	10.1771	
453		08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W MCC	10.2653	
004	6	PRE	SURG	TRACH W MV 96+ HRS OR PDX EXC FACE, MOUTH & NECK W/O MAJ O.R.	11.2403	
014	1	PRE	SURG	ALLOGENEIC BONE MARROW TRANSPLANT	11.5947	
215		05	SURG	OTHER HEART ASSIST SYSTEM IMPLANT	12.6086	
927		22	SURG	EXTENSIVE BURNS OR FULL THICKNESS BURNS W MV 96+ HRS W SKIN GRAFT	12.6651	
002		PRE	SURG	HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM W/O MCC	13.6127	
003	10	PRE	SURG	ECMO OR TRACH W MV 96+ HRS OR PDX EXC FACE, MOUTH & NECK W MAJ O.R.	18.1239	
001		PRE	SURG	HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM W MCC	26.3441	
Total All	3,699					
Total Surgery	958					
Total Surgery Greater 2.0 Acuity	443					
C-Sections /Vaginal Delivery Surgical Procedures	164					
Appropriate for Community Hospital	351					
Percent	36.6%					

Source: Thomson Data; Excludes Normal Newborn, Psy, Rehab, Chem Dep

Table 10. Population Data

Rank	County	2010					2020					Population Growth				
		45-65 Population	65+ Population	Total	Percent 65+	Total	45-65 Population	65+ Population	Total	Percent 65+	45+ Increase in Population	Percent 45+	65+ Increase in Population	Percent 65+	Total Increase in Population	Percent Total Population
1	Wake	221,798	77,799	906,788	8.6%	289,822	134,232	1,099,385	12.2%	124,457	56.1%	56,433	72.5%	192,597	21.2%	
2	Mecklenburg	218,461	82,132	923,144	8.9%	271,988	129,640	1,095,857	11.8%	53,527	24.5%	47,508	57.8%	172,713	18.7%	
3	Guilford	125,870	60,724	489,671	12.4%	136,555	84,850	547,184	15.5%	10,685	8.5%	24,126	39.7%	57,513	11.7%	
4	Buncombe	67,446	38,365	238,870	16.1%	72,462	55,531	277,265	20.0%	5,016	7.4%	17,166	44.7%	38,395	16.1%	
5	Forsyth	92,757	45,877	351,378	13.1%	95,786	61,904	381,660	16.2%	3,029	3.3%	16,027	34.9%	30,282	8.6%	
6	Brunswick	34,018	23,462	108,071	21.7%	32,759	38,869	128,763	30.2%	-1,259	-3.7%	15,407	65.7%	20,692	19.1%	
7	New Hanover	52,561	28,387	203,254	14.0%	58,004	41,911	237,864	17.6%	5,443	10.4%	13,524	47.6%	34,610	17.0%	
8	Durham	62,524	26,417	268,412	9.8%	70,513	39,893	305,001	13.1%	7,989	12.8%	13,476	51.0%	36,589	13.6%	
9	Cumberland	74,543	31,258	327,348	9.5%	73,461	43,097	340,797	12.6%	-1,082	-1.5%	11,839	37.9%	13,449	4.1%	
10	Union	51,255	19,718	202,200	9.8%	66,518	31,120	236,778	13.1%	15,263	29.8%	11,402	57.8%	34,578	17.1%	
11	Johnston	43,185	17,504	169,669	10.3%	53,764	27,527	198,644	13.9%	10,579	24.5%	10,023	57.3%	28,975	17.1%	
12	Orange	34,328	13,059	134,201	9.7%	37,739	22,176	153,625	14.4%	3,411	9.9%	9,117	69.8%	19,424	14.5%	
13	Henderson	30,065	27,466	106,966	22.5%	32,559	32,961	124,163	26.5%	2,494	8.3%	8,945	32.2%	17,197	16.1%	
14	Gaston	56,842	27,466	206,186	13.3%	60,935	36,322	220,302	16.5%	4,093	7.2%	8,856	32.2%	14,116	6.8%	
15	Pitt	38,289	16,813	168,752	10.0%	41,283	25,150	188,239	13.4%	2,994	7.8%	8,337	49.6%	19,487	11.5%	
16	Cabarrus	45,149	20,240	178,564	11.3%	55,686	28,556	205,369	13.9%	10,537	23.3%	8,316	41.1%	26,805	15.0%	
17	Iredell	44,247	20,592	159,766	12.9%	50,264	28,729	177,334	16.2%	6,017	13.6%	8,137	39.5%	17,568	11.0%	
18	Davidson	46,492	23,520	162,874	14.4%	48,490	31,409	172,220	18.2%	1,998	4.3%	7,889	33.5%	9,346	5.7%	
19	Chatham	19,014	11,811	63,806	18.5%	20,763	19,564	75,891	25.8%	1,749	9.2%	7,753	65.6%	12,085	18.9%	
20	Randolph	39,287	20,087	141,909	14.2%	41,646	27,242	151,901	17.9%	2,359	6.0%	7,155	35.6%	9,992	7.0%	
21	Catawba	43,203	21,899	154,354	14.2%	44,316	29,047	160,859	18.1%	1,113	2.6%	7,148	32.6%	6,505	4.2%	
22	Harnett	26,838	12,126	115,792	10.5%	33,108	18,750	144,503	13.0%	6,270	23.4%	6,624	54.6%	28,711	24.8%	
23	Onslow	32,657	14,060	186,866	7.5%	35,666	20,226	217,780	9.3%	3,009	9.2%	6,166	43.9%	30,914	16.5%	
24	Carteret	21,404	12,783	66,711	19.2%	22,149	18,881	76,417	24.7%	745	3.5%	6,098	47.7%	9,706	14.5%	
25	Alamance	40,009	22,246	151,533	14.7%	42,141	28,147	161,234	17.5%	2,132	5.3%	5,901	26.5%	9,701	6.4%	
26	Moore	24,170	20,135	88,550	22.7%	24,367	25,484	97,334	26.2%	197	0.8%	5,349	26.6%	8,784	9.9%	
27	Wayne	32,242	16,208	122,815	13.2%	31,951	21,508	131,031	16.4%	-291	-0.9%	5,300	32.7%	8,216	6.7%	
28	Franklin	17,365	7,788	60,836	12.8%	20,381	12,939	72,701	17.8%	3,016	17.4%	5,151	66.1%	11,865	19.5%	
29	Lincoln	23,240	10,453	78,396	13.3%	25,013	15,349	84,024	18.3%	1,773	7.6%	4,896	46.8%	5,628	7.2%	
30	Nash	27,840	13,498	95,878	14.1%	26,587	18,180	99,557	18.3%	-1,253	-4.5%	4,682	34.7%	3,679	3.8%	
31	Rowan	37,996	20,039	138,359	14.5%	36,363	24,644	137,985	17.9%	-1,633	-4.3%	4,605	23.0%	-374	-0.3%	
32	Wilson	22,345	11,631	81,373	14.3%	22,399	16,022	88,118	18.2%	54	0.2%	4,391	37.8%	6,745	8.3%	
33	Rutherford	19,768	11,764	67,750	17.4%	20,138	15,981	72,693	22.0%	370	1.9%	4,217	35.8%	4,943	7.3%	
34	Haywood	17,647	12,480	58,971	21.2%	18,081	16,637	64,255	25.9%	434	2.5%	4,157	33.3%	5,284	9.0%	
35	Duplin	15,537	8,410	58,728	14.3%	16,893	12,447	66,810	18.6%	1,356	8.7%	4,037	48.0%	8,082	13.8%	
36	Cleveland	27,914	14,749	98,020	15.0%	26,694	18,725	99,325	18.9%	-1,220	-4.4%	3,976	27.0%	1,305	1.3%	
37	Caldwell	24,142	12,888	83,006	15.5%	24,105	16,850	83,935	20.1%	-37	-0.2%	3,942	30.6%	929	1.1%	
38	Pender	15,451	7,994	52,452	15.2%	16,754	11,935	60,846	19.6%	1,303	8.4%	3,941	49.3%	8,394	16.0%	
39	Wilkes	20,449	11,835	69,301	17.1%	20,113	15,678	72,022	21.8%	-336	-1.6%	3,843	32.5%	2,721	3.9%	
40	Granville	17,620	7,578	60,513	12.5%	19,758	11,344	65,586	17.3%	2,138	12.1%	3,766	49.7%	5,073	8.4%	
41	Burke	25,951	14,708	90,752	16.2%	24,877	18,442	90,874	20.3%	-1,074	-4.1%	3,734	25.4%	122	0.1%	
42	Craven	26,088	16,035	104,170	15.4%	24,283	19,704	112,594	17.5%	-1,805	-6.9%	3,669	23.9%	8,424	8.1%	
43	Rockingham	27,961	15,263	93,626	16.3%	26,252	18,917	92,945	20.4%	-1,709	-6.1%	3,654	23.9%	-681	-0.7%	
44	Robeson	33,707	15,291	134,489	11.4%	31,163	18,626	136,237	13.7%	-2,544	-7.5%	3,335	21.8%	1,748	1.3%	
45	Macon	10,091	8,120	33,928	23.9%	9,905	11,375	39,236	29.0%	-186	-1.8%	3,255	40.1%	5,308	15.6%	
46	Stanly	16,990	9,549	60,588	15.8%	17,666	12,764	64,429	19.8%	676	4.0%	3,215	33.7%	3,841	6.3%	
47	Beaufort	14,359	8,865	47,783	18.6%	13,065	12,042	50,152	24.0%	-1,294	-9.0%	3,177	35.8%	2,369	5.0%	
48	Watauga	11,468	6,380	51,034	12.5%	10,999	9,530	58,889	16.2%	-469	-4.1%	3,150	49.4%	7,855	15.4%	
49	Dare	11,164	5,226	34,015	15.4%	10,200	8,227	36,023	22.8%	-964	-8.6%	3,001	57.4%	2,008	5.9%	
50	Jackson	10,242	6,135	40,330	15.2%	10,233	8,996	46,608	19.3%	-9	-0.1%	2,861	46.6%	6,278	15.6%	
51	Stokes	14,516	7,612	47,365	16.1%	14,469	10,365	48,896	21.2%	-47	-0.3%	2,753	36.2%	1,551	3.2%	

Table 10. Population Data

Rank	County	Ranked by 65+ Actual Increase in Population										Ranked by 45+ Actual Increase in Population									
		2010					2020					2010					2020				
52	McDowell	13,010	7,445	45,053	16.5%	12,998	10,112	46,749	21.6%	2,667	-0.1%	-12	35.8%	1,696	3.8%						
53	Person	11,860	6,037	39,448	15.3%	12,372	8,680	44,061	19.7%	2,643	4.3%	512	43.8%	4,613	11.7%						
54	Davie	12,344	6,891	41,333	16.7%	12,483	9,482	44,096	21.5%	2,591	1.1%	139	37.6%	2,763	6.7%						
55	Hoke	10,297	3,557	47,606	7.5%	13,056	6,049	60,596	10.0%	2,492	26.8%	2,759	70.1%	12,990	27.3%						
56	Transylvania	9,576	8,589	33,076	26.0%	8,670	11,073	35,303	31.4%	2,484	-9.5%	-906	28.9%	2,227	6.7%						
57	Sampson	16,807	9,113	63,511	14.3%	16,692	11,508	65,830	17.5%	2,395	-0.7%	-115	26.3%	2,319	3.7%						
58	Alexander	10,745	5,675	37,240	15.2%	11,150	8,042	39,391	20.4%	2,367	3.8%	405	48.3%	2,151	5.8%						
59	Edgecombe	16,385	8,202	56,583	14.5%	14,161	10,520	54,497	19.3%	2,318	-13.6%	-2,224	28.3%	-2,086	-3.7%						
60	Surry	20,712	12,290	73,715	16.7%	19,958	14,565	73,212	19.9%	2,275	-3.6%	-754	18.5%	-503	-0.7%						
61	Lee	15,010	7,978	57,882	13.8%	15,188	10,223	61,968	16.5%	2,245	1.2%	178	28.1%	4,086	7.1%						
62	Cherokee	8,536	6,332	27,433	23.1%	7,274	8,401	27,788	30.2%	1,262	-14.8%	-2,069	32.7%	355	1.3%						
63	Ashe	8,328	5,537	27,305	20.3%	8,133	7,504	29,361	25.6%	1,967	-2.3%	-195	35.5%	2,056	7.5%						
64	Columbus	16,282	8,869	57,971	15.3%	15,155	10,822	58,327	18.6%	1,953	-6.9%	-1,127	22.0%	356	0.6%						
65	Halifax	16,174	8,902	54,565	16.3%	14,128	10,845	52,806	20.5%	1,943	-12.6%	-2,046	21.8%	-1,759	-3.2%						
66	Lenoir	17,356	9,581	59,400	16.1%	15,048	11,524	58,729	19.6%	1,943	-13.3%	-2,308	20.3%	-671	-1.1%						
67	Vance	12,327	6,491	45,375	14.3%	11,567	8,334	46,922	17.8%	1,843	-6.2%	-760	28.4%	1,547	3.4%						
68	Bladen	10,458	5,554	35,205	15.8%	8,947	7,292	34,923	20.9%	1,738	-14.4%	-1,511	31.3%	-282	-0.8%						
69	Madison	6,260	3,692	20,782	17.8%	6,619	5,427	23,157	23.4%	1,735	5.7%	359	47.0%	2,375	11.4%						
70	Montgomery	7,878	4,413	27,986	15.8%	7,634	6,136	29,687	20.7%	1,723	-3.1%	-244	39.0%	1,701	6.1%						
71	Caswell	7,636	3,796	23,714	16.0%	6,952	5,331	23,743	22.5%	1,535	-9.0%	-684	40.4%	29	0.1%						
72	Yadkin	10,927	6,270	38,397	16.3%	10,856	7,734	39,021	19.8%	1,464	-0.6%	-71	23.3%	624	1.6%						
73	Richmond	12,707	6,742	46,634	14.5%	11,910	8,159	46,511	17.5%	1,417	-6.3%	-797	21.0%	-123	-0.3%						
74	Currituck	7,427	3,073	23,652	13.0%	7,125	4,455	23,576	18.9%	1,382	-4.1%	-302	45.0%	-76	-0.3%						
75	Scotland	10,143	4,965	36,094	13.8%	8,761	6,257	31,527	19.8%	1,292	-13.6%	-1,382	26.0%	-4,567	-12.7%						
76	Pasquotank	10,602	5,552	40,643	13.7%	9,971	6,838	40,223	17.0%	1,286	-6.0%	-631	23.2%	-420	-1.0%						
77	Warren	6,470	4,005	20,955	19.1%	5,315	5,184	20,783	24.9%	1,179	-17.9%	-1,155	29.4%	-172	-0.8%						
78	polk	6,381	4,991	20,448	24.4%	5,630	6,110	20,517	29.8%	1,119	-11.8%	-751	22.4%	69	0.3%						
79	Pamlico	4,292	2,880	13,116	22.0%	3,534	3,960	13,445	29.5%	1,080	-17.7%	-758	37.5%	329	2.5%						
80	Anson	7,464	3,900	26,910	14.5%	7,287	4,947	26,900	18.4%	1,047	-2.4%	-177	26.8%	-10	0.0%						
81	Greene	5,905	2,686	21,260	12.6%	5,907	3,730	21,667	17.2%	1,044	0.0%	2	38.9%	407	1.9%						
82	Yancey	5,348	3,685	17,775	20.7%	4,977	4,719	18,811	25.1%	1,034	-6.9%	-371	28.1%	1,036	5.8%						
83	Hertford	7,243	3,960	24,755	16.0%	6,375	4,908	24,393	20.1%	948	-12.0%	-868	23.9%	-362	-1.5%						
84	Martin	7,629	4,343	24,492	17.7%	6,214	5,266	22,374	23.5%	923	-18.5%	-1,415	21.3%	-2,118	-8.6%						
85	Perquimans	4,093	2,923	13,490	21.7%	3,484	3,838	13,962	27.5%	915	-14.9%	-609	31.3%	472	3.5%						
86	Avery	5,152	3,111	17,767	17.5%	5,084	3,949	17,789	22.2%	838	-1.3%	-68	26.9%	22	0.1%						
87	Clay	3,366	2,516	10,580	23.8%	2,615	3,264	10,357	31.5%	748	-22.3%	-751	29.7%	-223	-2.1%						
88	Chowan	4,436	2,930	14,763	19.8%	3,684	3,563	15,103	23.6%	633	-17.0%	-752	21.6%	340	2.3%						
89	Northampton	6,823	4,375	22,063	19.8%	5,293	4,959	20,756	23.9%	584	-22.4%	-1,530	13.3%	-1,307	-5.9%						
90	Swain	3,971	2,341	13,993	16.7%	3,897	2,906	15,710	18.5%	565	-1.9%	-74	24.1%	1,717	12.3%						
91	Jones	3,207	1,768	10,156	17.4%	2,722	2,309	10,497	22.0%	541	-15.1%	-485	30.6%	341	3.4%						
92	Graham	2,606	1,753	8,882	19.7%	2,451	2,273	9,785	23.2%	520	-5.9%	-155	29.7%	903	10.2%						
93	Washington	4,002	2,429	13,193	18.4%	3,082	2,948	12,615	23.4%	519	-23.0%	-920	21.4%	-578	-4.4%						
94	Bertie	6,386	3,677	21,237	17.3%	5,430	4,187	20,573	20.4%	510	-15.0%	-956	13.9%	-664	-3.1%						
95	Mitchell	4,671	3,267	15,553	21.0%	4,142	3,743	15,381	24.3%	476	-11.3%	-529	14.6%	-172	-1.1%						
96	Camden	2,936	1,302	10,006	13.0%	2,730	1,760	9,166	19.2%	458	-7.0%	-206	35.2%	-840	-8.4%						
97	Alleghany	3,396	2,319	11,160	20.8%	2,667	2,737	10,240	26.7%	418	-21.5%	-729	18.0%	-920	-8.2%						
98	Hyde	1,741	878	5,800	15.1%	1,650	1,264	5,825	21.7%	386	-5.2%	-91	44.0%	25	0.4%						
99	Gates	3,725	1,847	12,192	15.1%	3,075	2,223	10,943	20.3%	376	-17.4%	-650	20.4%	-1,249	-10.2%						
100	Tyrell	1,260	744	4,403	16.9%	1,210	871	4,341	20.1%	127	-4.0%	-50	17.1%	-62	-1.4%						
	STATE	2,520,795	1,247,171	9,575,665	13.0%	2,716,349	1,759,356	10,616,077	16.6%	512,185	7.8%	195,554	41.1%	1,040,412	10.9%						

Table 10. Population Data

Rank	County	2010					2020					Population Growth				
		45-65 Population	65+ Population	Total	Percent 65+	Percent 65+	45-65 Population	65+ Population	Total	Percent 65+	Percent 65+	45+ Increase in Population	Percent 45+	65+ Increase in Population	Percent 65+	Total Increase in Population
1	Wake	221,798	77,799	906,788	8.6%	289,822	134,232	1,099,385	12.2%	12,457	56,433	72.5%	192,597	21.2%		
2	Mecklenburg	218,461	82,132	923,144	8.9%	271,988	129,640	1,095,857	11.8%	53,527	47,508	57.8%	172,713	18.7%		
3	Union	51,255	19,718	202,200	9.8%	66,518	31,120	236,778	13.1%	15,263	11,402	57.8%	34,578	17.1%		
4	Guilford	125,870	60,724	489,671	12.4%	136,555	84,850	547,184	15.5%	10,685	24,126	39.7%	57,513	11.7%		
5	Johnston	43,185	17,504	169,669	10.3%	53,764	27,527	198,644	13.9%	10,579	10,023	57.3%	28,975	17.1%		
6	Cabarrus	45,149	20,240	178,564	11.3%	55,686	28,556	205,369	13.9%	10,537	8,316	41.1%	26,805	15.0%		
7	Durham	62,524	26,417	268,412	9.8%	70,513	39,893	305,001	13.1%	7,989	13,476	51.0%	36,589	13.6%		
8	Harnett	26,838	12,126	115,792	10.5%	33,108	18,750	144,503	13.0%	6,270	6,624	54.6%	28,711	24.8%		
9	Iredell	44,247	20,592	159,766	12.9%	50,264	28,729	177,334	16.2%	6,017	8,137	39.5%	17,568	11.0%		
10	New Hanover	52,561	28,387	203,254	14.0%	58,004	41,911	237,864	17.6%	5,443	13,524	47.6%	34,610	17.0%		
11	Buncombe	67,446	38,365	238,870	16.1%	72,462	55,531	277,265	20.0%	5,016	17,166	44.7%	38,395	16.1%		
12	Gaston	56,842	27,486	206,186	13.3%	60,935	36,322	220,302	16.5%	4,093	8,856	32.2%	14,116	6.8%		
13	Orange	34,328	13,059	134,201	9.7%	37,739	22,176	153,625	14.4%	3,411	9,117	69.8%	19,424	14.5%		
14	Forsyth	92,757	45,877	351,378	13.1%	95,786	61,904	381,660	16.2%	3,029	16,027	34.9%	30,282	8.6%		
15	Franklin	17,365	7,788	60,836	12.8%	20,381	12,939	72,701	17.8%	3,016	5,151	66.1%	11,865	19.5%		
16	Onslow	32,657	14,060	186,866	7.5%	35,666	20,226	217,780	9.3%	3,009	6,166	43.9%	30,914	16.5%		
17	Pitt	38,289	16,813	168,752	10.0%	41,283	25,150	188,239	13.4%	2,994	8,337	49.6%	19,487	11.5%		
18	Hoke	10,297	3,557	47,606	7.5%	13,056	6,049	60,596	10.0%	2,759	2,492	70.1%	12,990	17.3%		
19	Henderson	30,065	24,016	106,966	22.5%	32,559	32,961	124,163	26.5%	2,494	8,945	37.2%	17,197	26.1%		
20	Randolph	39,287	20,087	141,909	14.2%	41,646	27,242	151,901	17.9%	2,359	7,155	35.6%	9,992	7.0%		
21	Granville	17,620	7,578	60,513	12.5%	19,758	11,344	65,586	17.3%	2,138	3,766	49.7%	5,073	8.4%		
22	Alamance	40,009	22,246	151,533	14.7%	42,141	28,147	161,234	17.5%	2,132	5,901	26.5%	9,701	6.4%		
23	Davidson	46,492	23,520	162,874	14.4%	48,490	31,409	172,220	18.2%	1,998	7,889	33.5%	9,346	5.7%		
24	Lincoln	23,240	10,453	78,396	13.3%	25,013	15,349	84,024	18.3%	1,773	4,896	46.8%	5,628	7.2%		
25	Chatham	19,014	11,811	63,806	18.5%	20,763	19,564	75,891	25.8%	1,749	7,753	65.6%	12,085	18.9%		
26	Duplin	15,537	8,410	58,728	14.3%	16,893	12,447	66,810	18.6%	1,356	4,037	48.0%	8,082	13.8%		
27	Pender	15,451	7,994	52,452	15.2%	16,754	11,935	60,846	19.6%	1,303	3,941	49.3%	8,394	16.0%		
28	Catawba	43,203	21,899	154,354	14.2%	44,316	29,047	160,859	18.1%	1,113	7,148	32.6%	6,505	4.2%		
29	Carteret	21,404	12,783	66,711	19.2%	22,149	18,881	76,417	24.7%	745	6,098	47.7%	9,706	14.5%		
30	Stanly	16,990	9,549	60,588	15.8%	17,666	12,764	64,429	19.8%	676	3,215	33.7%	3,841	6.3%		
31	Person	11,860	6,037	39,448	15.3%	12,372	8,680	44,061	19.7%	512	2,643	43.8%	4,613	11.7%		
32	Haywood	17,647	12,480	58,971	21.2%	18,081	16,637	64,255	25.9%	434	4,157	33.3%	5,284	9.0%		
33	Alexander	10,745	5,675	37,240	15.2%	11,150	8,042	39,391	20.4%	405	2,367	41.7%	2,151	5.8%		
34	Rutherford	19,768	11,764	67,750	17.4%	20,138	15,981	72,693	22.0%	370	4,217	35.8%	4,943	7.3%		
35	Madison	6,260	3,692	20,782	17.8%	6,619	5,427	23,157	23.4%	359	1,735	47.0%	2,375	11.4%		
36	Moore	24,170	20,135	88,550	22.7%	24,367	25,484	97,334	26.2%	197	5,349	26.6%	8,784	9.9%		
37	Lee	15,010	7,978	57,882	13.8%	15,188	10,223	61,968	16.5%	178	2,245	28.1%	4,086	7.1%		
38	Davie	12,344	6,891	41,333	16.7%	12,483	9,482	44,096	21.5%	139	2,591	37.6%	2,763	6.7%		
39	Wilson	22,345	11,631	81,373	14.3%	22,399	16,022	88,118	18.2%	54	4,391	37.8%	6,745	8.3%		
40	Greene	5,905	2,686	21,260	12.6%	5,907	3,730	21,667	17.2%	2	1,044	38.9%	407	1.9%		
41	Jackson	10,242	6,135	40,330	15.2%	10,233	8,996	46,608	19.3%	-9	2,661	46.6%	6,278	15.6%		
42	McDowell	13,010	7,445	45,053	16.5%	12,998	10,112	46,749	21.6%	-12	2,667	35.8%	1,696	3.8%		
43	Caldwell	24,142	12,888	83,006	15.9%	24,105	16,830	83,935	20.1%	-37	3,942	30.6%	929	1.1%		
44	Stokes	14,516	7,612	47,365	16.1%	14,469	10,365	49,896	21.2%	-47	2,753	36.2%	1,551	3.2%		
45	Tyrrell	1,260	744	4,403	16.9%	1,210	871	4,341	20.1%	-50	127	17.1%	-62	-1.4%		
46	Avery	5,152	3,111	17,767	17.5%	5,084	3,949	17,789	22.2%	-68	838	26.9%	22	0.1%		
47	Yadkin	10,927	6,270	38,397	16.3%	10,856	7,734	39,021	19.8%	-71	1,464	23.3%	624	1.6%		
48	Swain	3,971	2,341	13,993	16.7%	3,897	2,906	15,710	18.5%	-74	565	24.1%	1,717	12.3%		
49	Hyde	1,741	878	5,800	15.1%	1,650	1,264	5,825	21.7%	-91	386	44.0%	25	0.4%		
50	Sampson	16,807	9,113	63,511	14.3%	16,692	11,508	63,830	17.5%	-115	2,395	26.3%	2,319	3.7%		
51	Graham	2,606	1,753	8,882	19.7%	2,451	2,273	9,785	23.2%	-155	520	29.7%	903	10.2%		

Table 10. Population Data

Rank	County	2010										2020										Population Growth										
		7,464	10,091	8,120	33,928	23.9%	14.5%	7,287	4,947	26,900	18.4%	-177	-2.4%	1,047	26.8%	-10	0.0%	10,091	8,120	33,928	23.9%	14.5%	7,287	4,947	26,900	18.4%	-177	-2.4%	1,047	26.8%	-10	0.0%
52	Anson	7,464	10,091	8,120	33,928	23.9%	14.5%	7,287	4,947	26,900	18.4%	-177	-2.4%	1,047	26.8%	-10	0.0%	10,091	8,120	33,928	23.9%	14.5%	7,287	4,947	26,900	18.4%	-177	-2.4%	1,047	26.8%	-10	0.0%
53	Macon	8,328	5,537	27,305	27,305	20.3%	23.0%	8,133	7,504	29,361	25.6%	-195	-7.0%	1,967	35.5%	2,056	7.5%	8,328	5,537	27,305	20.3%	23.0%	8,133	7,504	29,361	25.6%	-195	-7.0%	1,967	35.5%	2,056	7.5%
54	Ashe	2,936	1,302	10,006	10,006	13.0%	13.0%	2,730	1,760	9,166	19.2%	-206	-7.0%	458	35.2%	-840	-8.4%	2,936	1,302	10,006	13.0%	13.0%	2,730	1,760	9,166	19.2%	-206	-7.0%	458	35.2%	-840	-8.4%
55	Camden	7,878	4,413	27,986	27,986	15.8%	15.8%	7,634	6,136	29,687	20.7%	-244	-3.1%	1,723	39.0%	1,701	6.1%	7,878	4,413	27,986	15.8%	15.8%	7,634	6,136	29,687	20.7%	-244	-3.1%	1,723	39.0%	1,701	6.1%
56	Montgomery	32,242	16,208	122,815	122,815	13.2%	13.2%	31,951	21,508	131,031	16.4%	-291	-0.9%	5,300	32.7%	8,216	6.7%	32,242	16,208	122,815	13.2%	13.2%	31,951	21,508	131,031	16.4%	-291	-0.9%	5,300	32.7%	8,216	6.7%
57	Wayne	7,427	3,073	23,652	23,652	13.0%	13.0%	7,125	4,455	23,576	18.9%	-302	-4.1%	1,382	45.0%	-76	-0.3%	7,427	3,073	23,652	13.0%	13.0%	7,125	4,455	23,576	18.9%	-302	-4.1%	1,382	45.0%	-76	-0.3%
58	Currituck	20,449	11,835	69,301	69,301	17.1%	17.1%	20,113	15,678	72,022	21.8%	-336	-1.6%	3,843	32.5%	2,721	3.9%	20,449	11,835	69,301	17.1%	17.1%	20,113	15,678	72,022	21.8%	-336	-1.6%	3,843	32.5%	2,721	3.9%
59	Wilkes	5,348	3,685	17,775	17,775	20.7%	20.7%	4,977	4,719	18,811	25.1%	-371	-6.9%	1,034	28.1%	1,036	5.8%	5,348	3,685	17,775	20.7%	20.7%	4,977	4,719	18,811	25.1%	-371	-6.9%	1,034	28.1%	1,036	5.8%
60	Yancey	11,468	6,380	51,034	51,034	12.5%	12.5%	10,999	9,530	58,889	16.2%	-469	-4.1%	3,150	49.4%	7,855	15.4%	11,468	6,380	51,034	12.5%	12.5%	10,999	9,530	58,889	16.2%	-469	-4.1%	3,150	49.4%	7,855	15.4%
61	Watauga	3,207	1,768	10,156	10,156	17.4%	17.4%	2,722	2,309	10,497	22.0%	-485	-15.1%	541	30.6%	341	3.4%	3,207	1,768	10,156	17.4%	17.4%	2,722	2,309	10,497	22.0%	-485	-15.1%	541	30.6%	341	3.4%
62	Jones	4,671	3,267	15,553	15,553	21.0%	21.0%	4,142	3,743	15,381	24.3%	-529	-11.3%	476	14.6%	-172	-1.1%	4,671	3,267	15,553	21.0%	21.0%	4,142	3,743	15,381	24.3%	-529	-11.3%	476	14.6%	-172	-1.1%
63	Mitchell	4,093	2,923	13,490	13,490	21.7%	21.7%	3,484	3,838	13,962	27.5%	-609	-14.9%	915	31.3%	472	3.5%	4,093	2,923	13,490	21.7%	21.7%	3,484	3,838	13,962	27.5%	-609	-14.9%	915	31.3%	472	3.5%
64	Perquimans	10,602	5,552	40,643	40,643	13.7%	13.7%	9,971	6,838	40,223	17.0%	-631	-6.0%	1,286	23.2%	-420	-1.0%	10,602	5,552	40,643	13.7%	13.7%	9,971	6,838	40,223	17.0%	-631	-6.0%	1,286	23.2%	-420	-1.0%
65	Pasquotank	3,725	1,847	12,192	12,192	15.1%	15.1%	3,075	2,223	10,943	20.3%	-650	-17.4%	376	20.4%	-1,249	-10.2%	3,725	1,847	12,192	15.1%	15.1%	3,075	2,223	10,943	20.3%	-650	-17.4%	376	20.4%	-1,249	-10.2%
66	Gates	7,636	3,796	23,714	23,714	16.0%	16.0%	6,952	5,331	23,743	22.5%	-684	-9.0%	1,535	40.4%	29	0.1%	7,636	3,796	23,714	16.0%	16.0%	6,952	5,331	23,743	22.5%	-684	-9.0%	1,535	40.4%	29	0.1%
67	Caswell	3,396	2,319	11,160	11,160	20.8%	20.8%	2,667	2,737	10,240	26.7%	-729	-21.5%	418	18.0%	-920	-8.2%	3,396	2,319	11,160	20.8%	20.8%	2,667	2,737	10,240	26.7%	-729	-21.5%	418	18.0%	-920	-8.2%
68	Alleghany	3,366	2,516	10,580	10,580	23.8%	23.8%	2,615	3,264	10,357	31.5%	-751	-22.3%	748	29.7%	-223	-2.1%	3,366	2,516	10,580	23.8%	23.8%	2,615	3,264	10,357	31.5%	-751	-22.3%	748	29.7%	-223	-2.1%
69	Clay	6,381	4,991	20,448	20,448	24.4%	24.4%	5,630	6,110	20,517	29.8%	-752	-11.8%	1,119	22.4%	69	0.3%	6,381	4,991	20,448	24.4%	24.4%	5,630	6,110	20,517	29.8%	-752	-11.8%	1,119	22.4%	69	0.3%
70	Polk	4,436	2,930	14,763	14,763	19.8%	19.8%	3,684	3,563	15,103	23.6%	-752	-17.0%	633	21.6%	340	2.3%	4,436	2,930	14,763	19.8%	19.8%	3,684	3,563	15,103	23.6%	-752	-17.0%	633	21.6%	340	2.3%
71	Chowan	20,712	12,290	73,715	73,715	16.7%	16.7%	19,958	14,565	73,212	19.9%	-754	-3.6%	2,275	18.5%	-503	-0.7%	20,712	12,290	73,715	16.7%	16.7%	19,958	14,565	73,212	19.9%	-754	-3.6%	2,275	18.5%	-503	-0.7%
72	Surry	4,292	2,880	13,116	13,116	22.0%	22.0%	3,534	3,960	13,445	29.5%	-758	-17.7%	1,080	37.5%	329	2.5%	4,292	2,880	13,116	22.0%	22.0%	3,534	3,960	13,445	29.5%	-758	-17.7%	1,080	37.5%	329	2.5%
73	Pamlico	12,327	6,491	45,375	45,375	14.3%	14.3%	11,567	8,334	46,922	17.8%	-760	-6.2%	1,843	28.4%	1,547	3.4%	12,327	6,491	45,375	14.3%	14.3%	11,567	8,334	46,922	17.8%	-760	-6.2%	1,843	28.4%	1,547	3.4%
74	Vance	12,707	6,742	46,634	46,634	14.5%	14.5%	11,910	8,159	46,511	17.5%	-797	-6.3%	1,417	21.0%	-123	-0.3%	12,707	6,742	46,634	14.5%	14.5%	11,910	8,159	46,511	17.5%	-797	-6.3%	1,417	21.0%	-123	-0.3%
75	Richmond	7,243	3,960	24,755	24,755	16.0%	16.0%	6,375	4,908	24,393	20.1%	-868	-12.0%	948	23.9%	-362	-1.5%	7,243	3,960	24,755	16.0%	16.0%	6,375	4,908	24,393	20.1%	-868	-12.0%	948	23.9%	-362	-1.5%
76	Hertford	9,576	8,589	33,076	33,076	26.0%	26.0%	8,670	11,073	35,303	31.4%	-906	-9.5%	2,484	28.9%	2,227	6.7%	9,576	8,589	33,076	26.0%	26.0%	8,670	11,073	35,303	31.4%	-906	-9.5%	2,484	28.9%	2,227	6.7%
77	Transylvania	4,002	2,429	13,193	13,193	18.4%	18.4%	3,082	2,948	12,615	23.4%	-920	-23.0%	519	21.4%	-578	-4.4%	4,002	2,429	13,193	18.4%	18.4%	3,082	2,948	12,615	23.4%	-920	-23.0%	519	21.4%	-578	-4.4%
78	Washington	6,386	3,677	21,237	21,237	17.3%	17.3%	5,430	4,187	20,573	20.4%	-956	-15.0%	510	13.9%	-664	-3.1%	6,386	3,677	21,237	17.3%	17.3%	5,430	4,187	20,573	20.4%	-956	-15.0%	510	13.9%	-664	-3.1%
79	Bertie	11,164	5,226	34,015	34,015	15.4%	15.4%	10,200	8,227	36,023	22.8%	-964	-8.6%	3,001	57.4%	2,008	5.9%	11,164	5,226	34,015	15.4%	15.4%	10,200	8,227	36,023	22.8%	-964	-8.6%	3,001	57.4%	2,008	5.9%
80	Dare	25,951	14,708	90,752	90,752	16.2%	16.2%	24,877	18,442	90,874	20.3%	-1,074	-4.1%	3,734	25.4%	122	0.1%	25,951	14,708	90,752	16.2%	16.2%	24,877	18,442	90,874	20.3%	-1,074	-4.1%	3,734	25.4%	122	0.1%
81	Burke	74,543	31,258	327,348	327,348	9.5%	9.5%	73,461	43,097	340,797	12.6%	-1,082	-1.5%	11,839	37.9%	13,449	4.1%	74,543	31,258	327,348	9.5%	9.5%	73,461	43,097	340,797	12.6%	-1,082	-1.5%	11,839	37.9%	13,449	4.1%
82	Cumberland	16,282	8,869	57,971	57,971	15.3%	15.3%	15,155	10,822	58,327	18.6%	-1,127	-6.9%	1,953	22.0%	356	0.6%	16,282	8,869	57,971	15.3%	15.3%	15,155	10,822	58,327	18.6%	-1,127	-6.9%	1,953	22.0%	356	0.6%
83	Columbus	6,470	4,005	20,955	20,955	19.1%	19.1%	5,315	5,184	20,783	24.9%	-1,151	-17.9%	1,179	29.4%	-172	-0.8%	6,470	4,005	20,955	19.1%	19.1%	5,315	5,184	20,783	24.9%	-1,151	-17.9%	1,179	29.4%	-172	-0.8%
84	Warren	27,914	14,749	98,020	98,020	15.0%	15.0%	26,694	18,725	99,325	18.9%	-1,220	-4.4%	3,976	27.0%	1,305	1.3%	27,914	14,749	98,020	15.0%	15.0%	26,694	18,725	99,325	18.9%	-1,220	-4.4%	3,976	27.0%	1,305	1.3%
85	Cleveland	27,840	13,498	95,878	95,878	14.1%	14.1%	26,587	18,180	99,557	18.3%	-1,253	-4.5%	4,682	34.7%	3,679	3.8%	27,840	13,498	95,878	14.1%	14.1%	26,587	18,180	99,557	18.3%	-1,253	-4.5%	4,682	34.7%	3,679	3.8%
86	Nash	34,018	23,462	108,071	108,071	21.7%	21.7%	32,759	38,869	128,763	30.2%	-1,259	-3.7%	15,407	65.7%	20,692	19.1%	34,018	23,462	108,071	21.7%	21.7%	32,759	38,869	128,763	30.2%	-1,259	-3.7%	15,407	65.7%	20,692	19.1%
87	Brunswick	8,536	6,332	27,433	27,433	23.1%	23.1%	7,274	8,401	27,788	30.2%	-1,262	-14.8%	2,069	32.7%	355	1.3%	8,536	6,332	27,433	23.1%	23.1%	7,274	8,401	27,788	30.2%	-1,262	-14.8%	2,069	32.7%	355	1.3%
88	Cherokee	14,359	8,865	47,783	47,783	18.6%	18.6%	13,065	12,042	50,152	24.0%	-1,294	-9.0%	3,177	35.8%	2,369	5.0%	14,359	8,865	47,783	18.6%	18.6%	13,065	12,042	50,152	24.0%	-1,294	-9.0%	3,177	35.8%	2,369	5.0%
89	Beaufort	10,143	4,965	36,094																												

ATTACHMENT 9

Attachment 9

fayobserver.com

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BRAC's promise of new development, jobs slow to come to Cape Fear region

By Draw Brooks
Staff writer

For years, business and community leaders surrounding Fort Bragg have used BRAC as a buzzword for growth.

But months after the process to realign military bases came to an end, many of BRAC's lofty expectations remain unfulfilled in Cumberland County and the Cape Fear region.

Around Fort Bragg, three business parks - two in Fayetteville and another in Spring Lake - were supposed to be the heart of a thriving defense industry.

Today, those parks are largely undeveloped.

While area leaders continue to tout the substantial benefits that base realignment has brought to the region, some acknowledge that the gains have failed to live up to the pre-BRAC hype.

Economists at North Carolina State University and the University of North Carolina at Chapel Hill say many of the counties bordering Fort Bragg had unrealistic expectations of BRAC's impact - expectations that were further dampened by a nationwide recession.

Michael Walden, a professor at N.C. State, and John D. Kasarda, a professor at UNC, said the belief that defense contractors would fill business parks around Fort Bragg immediately after BRAC was a fallacy.

Economic development simply doesn't happen that quickly, they said.

"There's always a lag. This is not at all surprising," Kasarda said. "You may see movement in a year or so, but BRAC won't fully manifest itself for another five to 10 years."

Walden, meanwhile, warned that further BRAC gains may be delayed or derailed by cuts in the defense budget, which have yet to be fully detailed by the federal government.

In a budget preview presented Thursday, Defense Secretary Leon Panetta outlined a plan to save \$259 billion in the next five years by combining a 100,000-troop reduction with cuts to personnel costs and the retirement of aging planes and ships.

Panetta said the Department of Defense plans to eliminate at least eight combat brigades and will ask Congress for an additional round of base realignment.

On Fort Bragg, officials have already responded to the looming budget cuts by eliminating more than 400 civilian jobs, including gate guards and ground maintenance workers, and replacing them with active-duty soldiers.

The region's dependence on the military may prove to be a hindrance if cuts are too deep, Walden said.

"You want to have a diverse economy," he said. "You don't want to have a one-company town."

The cornerstone of the BRAC moves - the new headquarters for Forces Command and U.S. Army Reserve Command - has brought about 2,800 high-paying jobs to Fort Bragg.

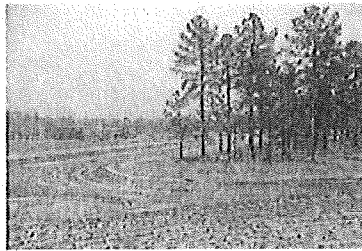
But so far, the headquarters has failed to attract anywhere near the 1,000 defense contractors that leaders of a BRAC task force predicted would follow "to maintain their close proximity to key Army decision-makers."

Partly as a result, the county's three new military business parks have gone largely unfilled.

The Freedom Center, a planned 37-acre park in Spring Lake, is in limbo after the town in December cut ties with the developers who had agreed to buy the property in 2009 but failed to complete the deal.

The land remains covered in dense pine, although one defense contractor, RLM Communications, has built two buildings on 10 acres next door.

That's a far cry from what the Gentry Group's partners, Rocky Keim of Raleigh and Bob Stafford of Southern Pines, predicted when they pitched their proposed military park to Spring Lake officials. Back then, they said



Staff photo by Raul R. Roberts

The All American Military Business Park, which is south of Fort Bragg, has only one tenant on

they planned to invest tens of millions of dollars over five years to develop the park. Instead, they never invested a dime.

South of Fort Bragg, the All-American Military Business Park has just one tenant on its 215-acre tract, which is three times the size of Cross Creek Mall.

The development, owned by Dohn and Nancy Broadwell, was handcuffed by restrictions caused by traffic on nearby Sante Fe Drive. A broker for the property said road improvements are under way that could allow building permits to be issued for the park.

For now, the Partnership for Defense Innovation's Research and Development Lab is the park's only tenant, but the Fayetteville-Cumberland County Chamber of Commerce said there is continued interest from potential tenants.

The third military business center, Patriot Park, is the most developed. The mixed-use development on Andrews Road includes a residential area, a Fayetteville fire station and the River Landing Center, home to defense contractor The Logistics Co.

Only three lots are still for sale in the development.

BRAC promises remain unfulfilled in other areas, as well.

Population estimates released in 2006 had Cumberland County growing to nearly 400,000 by 2013 as a result of base realignment. The state's most recent estimates place the county's population at slightly more than 325,000.

The county, which was expected to receive the bulk of civilian jobs tied to the BRAC movement, has a higher unemployment rate now - 9.5 percent in November - than the 9.2 percent rate in November 2009, the figure used in a January 2010 study on BRAC's impact by Fayetteville State University and the University of North Carolina at Pembroke.

Part of the reason is that instead of moving to Cumberland County, thousands of newcomers bought homes in the up-and-coming rural areas of Hoke and Harnett counties near Fort Bragg.

One of those communities, Anderson Creek in Harnett County, has expanded to a total of 600 homes, with about 70 percent owned by service members.

The development, where home prices average \$300,000, sits on 1,700 acres and could one day hold as many as 4,000 families, according to Lee Handsel, vice president of sales and marketing.

Last year was the development's best, Handsel said, and 12 homes already have been sold since the start of this year.

But not even those lofty numbers have quite lived up to expectations.

"BRAC was a good help for us," Handsel said. "But we, like everyone, were hoping for more."

One of the developers of Anderson Creek, David Levinson, had previously said he believed the community would be at capacity by 2013.

"As soon as BRAC's through, we're through," Levinson said in 2009. "We have 1,000 people living here now. We'll have 10,000 in a few years."

While sales are still brisk, they are thousands short of the development's full potential with less than two years to spare on Levinson's goal.

Despite the unfulfilled expectations in some areas, BRAC continues to be an economic juggernaut for the Cape Fear region.

Since 2009 - largely because of the recession, BRAC and the impact war has had on Fort Bragg - Fayetteville has been among the nation's leaders in a number of economic indicators, including:

- Personal income grew by 5.5 percent in the Fayetteville metro area, the biggest gain in North Carolina and nearly double the national average, according to the U.S. Bureau of Economic Analysis. Most of Fayetteville's income gains were classified as military earnings.
- The Fayetteville metro area's per capita income rose from near the bottom in the state in 1999 to the second highest a decade later, surpassing Raleigh-Durham and Charlotte.
- Fayetteville's economy grew 4.1 percent in 2010, well above the national average, according to the U.S. Bureau of Economic Analysis.
- Between 2007 and 2009, the economies of U.S. metropolitan areas shrank by an average of 2.8 percent. Of 366 metro areas, only 76 saw growth. Fayetteville ranked 24th among them, growing by 8 percent to \$14.6 billion in 2009.

"Compared to other metropolitan areas in the state, Fayetteville has held up very well over the recession," said Walden, the N.C. State economist. "There's been very little job loss. That's unique to the large metro areas."

BRAC's influence can be felt in other ways, as well.

At the Fort Bragg Regional Alliance, the organization tasked with predicting BRAC's effects and planning for them, board Chairman Tim McNeill can count off a list of achievements.

McNeill said a direct flight from Fayetteville to Washington, federal and state funding for major highway and road projects, and an influx of retail and commercial development in Hoke and Harnett counties are all wins made possible by BRAC and efforts by groups such as the Alliance, formerly known as the BRAC Regional Task Force.

McNeill, a Harnett County commissioner, has watched firsthand as the southwest corner of his county has boomed in recent years.

Local economic leaders have stressed that it's too soon to issue a verdict on BRAC.

"The perfect storm exists here," said Doug Peters, president and chief executive officer of the Fayetteville-Cumberland County Chamber of Commerce. "When all the conditions are in your favor, you have what we have. I don't think we've seen all that we're going to see."

Peters acknowledged the development delays at the military business parks, but he said many defense contractors have leased office space and are waiting out the recession and impending budget cuts before committing to their own buildings.

"They are doing a whole lot more with less," Peters said. "As the economy continues to improve, I think you're going to see more growth happen."

Greg Taylor, executive director of the Alliance, said major contractors such as Booz Allen Hamilton and Raytheon have already set up shop near Fort Bragg, and interest from other companies is starting to increase.

He said the region could expect to see the full impact of having Forces Command and Army Reserve Command at Fort Bragg within a decade, based on past BRAC changes.

Peters believes most of BRAC's expectations have been fulfilled, noting such homegrown contractors as The Logistics Co., K3 Enterprises at Festival Park Plaza and Worldwide Language Resources in the old Public Works Commission building on Hay Street.

"A lot of local companies are, in fact, growing here," he said, adding that mainstays such as Goodyear and Eaton Corp. are not tied to the defense industry but also have added jobs in recent years.

Peters stressed that in economic development, results are not always immediate.

"We're running this marathon called economic development, and everyone is waiting for a sprinter to cross the finish line," Peters said. "But there is no finish line. It's not an overnight process."

McNeill said the Alliance, funded by taxpayer money from an 11-county region, will continue to live on as a leader in resolving BRAC-related issues, such as insufficient roads and overburdened schools.

It will prepare for the possibility of another round of base realignment, if upcoming budget cuts call for such a thing, he said.

"A lot of people had misconceptions on how BRAC was going to happen," McNeill said. "But for the region, it been a blessing. We've kept people employed. There's a lot of successes that people can point to."

Staff writer Drew Brooks can be reached at brooksd@fayobserver.com or 486-3567.

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