

# **MAGNETIC RESONANCE IMAGING**

## **Introduction**

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

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

## **The Technology**

Nuclei of atoms in various structures of the human body resonate differentially when exposed to a strong magnetic field. MRI devices register these differences in response as images for use in making diagnoses. Use of MRI technology has grown rapidly because it does not expose patients to ionizing radiation, and because of the quality of images it obtains. In 1983, there were only two MRI programs in North Carolina, performing a total of 531 procedures. In 2011-2012, fixed and mobile scanners were reported as providing 791,443 procedures.

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

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

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

## **Assessment**

### **Mobile MRI**

Because of the availability of mobile units, it appears that MRI technology is accessible within a reasonable distance and travel time to all of the population of North Carolina. Several mobile sites in operation all of 2011-2012 reported fewer than 200 procedures.

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

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

### **Fixed MRI Units**

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

**Definition of an MRI Service Area**

A fixed MRI service area is the same as an Acute Care Bed Service Area as defined in Chapter 5, Acute Care Beds, and shown in Figure 5.1. The fixed MRI service area is a single county, except where there is no licensed acute care hospital located within the county. Counties lacking a licensed acute care hospital are grouped with the single county where the largest proportion of patients received inpatient acute care services, as measured by acute inpatient days, unless two counties with licensed acute care hospitals each provided inpatient acute care services to at least 35 percent of the residents who received inpatient acute care services, as measured by acute inpatient days. In that case, the county lacking a licensed acute care hospital is grouped with both the counties which provided inpatient acute care services to at least 35 percent of the residents who received inpatient acute care services, as measured by acute inpatient days. The three most recent years of available acute care days patient origin data are combined and used to create the multicounty service areas. These data are updated and reviewed every three years, with the first update occurring in the North Carolina 2011 State Medical Facilities Plan. For the 2014 State Medical Facilities Plan, Acute Care Bed Service Areas were reviewed and updated as scheduled. These changes can be found in Chapter 5, Figure 5.1 On 12/21/12, for the 2013 State Medical Facilities Plan, Hoke County was designated as a single-county service area for the MRI need determination methodology. In October 2013, FirstHealth Hoke Community Hospital was licensed in the Hoke County service area.

**Basic Assumptions of the Methodology**

1. Facilities that currently offer mobile MRI services, but have received the transmittal of a certificate of need for a fixed MRI scanner are included in the inventory as a fixed MRI scanner in Table 9P.
2. A placeholder of one MRI scanner is placed in Table 9P for each new fixed MRI scanner for which a certificate of need has been issued even if the scanner is not operational. All procedures performed by a single licensed entity are counted as performed at a single site, even if MRI services are provided at more than one site.
3. The need determination for any one service area under the methodology for fixed MRI Scanner Utilization shall not exceed one MRI scanner per year, unless there is an adjusted need determination approved for a specific MRI service area.
4. A facility that offers MRI services on a full-time basis pursuant to a service agreement with an MRI provider is not precluded from applying for a need determination in the North Carolina 2014 State Medical Facilities Plan to replace the existing contracted service with a fixed MRI scanner under the applicant's ownership and control. It is consistent with the purposes of the Certificate of Need law and the State Medical Facilities Plan for a facility to acquire and operate an MRI scanner to replace such a contracted service, if the acquisition and operation of the facility's own MRI scanner will allow the facility to reduce the cost of providing the MRI service at that facility.

**MRI Need Determination Methodology**

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

### MRI Tiered Planning Thresholds

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

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

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

This definition of capacity represents 100 percent of the procedure volume the equipment is capable of completing, given perfect scheduling, no machine or room downtime, no cancellations, no patient transportation problems, no staffing or physician delays and no MRI procedures outside the norm. Procedure totals are from the “2013 Hospital Licensure Renewal Application” or the “2013 Registration and Inventory of Medical Equipment Form” of MRI scanners as submitted to the North Carolina Division of Health Service Regulation concerning equipment registration and inventory, and number of procedures.

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

#### Weighting System

Procedure Type	Base Weight	Inpatient Weight	Contrast Weight	Procedure Time Minutes
Outpatient/No Contrast/Sedation	1.0	0.0	0.0	30
Outpatient/With Contrast/Sedation	1.0	0.0	.4 (Add 12 minutes)	42
Inpatient/No Contrast/Sedation	1.0	.4 (Add 12 minutes)	0.0	42
Inpatient/With Contrast/Sedation	1.0	.4 (Add 12 minutes)	.4 (Add 12 minutes)	54

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

<sup>1</sup> 6,864 X 70% = 4,805

<sup>2</sup> 6,864 X 65% = 4,462

<sup>3</sup> 6,864 X 60% = 4,118

<sup>4</sup> 6,864 X 55% = 3,775

<sup>5</sup> 6,864 X 25% = 1,716

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

- Step 1: Determine the number of clinical fixed and mobile MRI scanners in each MRI service area by site to include: existing fixed or mobile MRI scanners in operation, approved fixed or mobile MRI scanners for which a certificate of need was issued but is pending development, and fixed MRI scanners for which no certificate of need has been issued because the decision regarding a need determination in a previous year is under review or appeal. The inventory shall exclude: MRI scanners used for research only, non-clinical MRI scanners, and MRI scanners awarded based on need determinations for a dedicated purpose or demonstration project.
- Step 2: Convert the number of fixed and mobile MRI scanners to fixed equivalent magnets as follows:
- a. For each existing fixed MRI scanner, assign a value of one fixed equivalent magnet;
  - b. For each approved fixed MRI scanner, assign a value of one fixed equivalent magnet, even though the site may be receiving mobile services temporarily until the fixed scanner is operational. [Note: The mobile services are not listed separately from the approved fixed MRI scanner if the mobile unit will no longer be used when the fixed MRI scanner is operational.]
  - c. For each existing mobile MRI scanner site, calculate the fixed equivalent for each mobile site by dividing the number of MRI scans performed at each site by the threshold for the MRI service area, with the exception that the fixed equivalent shall be no greater than one; and
  - d. For each approved mobile MRI scanner site, at which services have not started, calculate the days to be operated at the site as a fraction of the total days of service to be provided by the approved mobile MRI scanner. [For example, if a certificate of need has been awarded to a provider to serve six different sites in the state for one day per week at each site, the fixed equivalent for each approved site in the state is 0.17 ( $1/6=0.1666$ ). If the mobile is approved to serve two sites for three days per week at each site, the fixed equivalent for each site is 0.50 ( $3/6=0.50$ ).]
- Step 3: Sum the number of fixed equivalent magnets for each MRI service area.
- Step 4: Determine the total number of MRI scans performed at each site regardless of whether the MRI scanner is fixed or mobile, as reported in the “2013 Hospital License Renewal Applications” or “2013 Registration and Inventory of Medical Equipment Forms” of MRI scanners. If procedures are provided in a county that is part of more than one MRI service area, the procedures will be divided equally between the MRI service areas.

- Step 5: Of the total number of MRI scans performed, determine the number of MRI scans performed by type (i.e., inpatient, outpatient, with contrast or sedation, no contrast or sedation) as reported in the “2013 Hospital License Renewal Applications” or “2013 Registration and Inventory of Medical Equipment Forms” of MRI scanners.
- Step 6: For each site, multiply the number of inpatient MRI scans by 0.40 to calculate the inpatient adjustment.
- Step 7: For each site, multiply the number of contrast or sedation scans by 0.40 to calculate the contrast adjustment.
- Step 8: For each site, sum the total number of MRI scans performed (Step 4), the inpatient adjustment (Step 6), and the contrast adjustment (Step 7) to calculate the total number of adjusted MRI procedures for each site.
- Step 9: For each service area, sum the number of adjusted total MRI procedures for all sites in the MRI service area.
- Step 10: Calculate the average number of adjusted total MRI procedures per MRI scanner in the service area by dividing the adjusted total procedures for the service area (Step 9) by the sum of fixed equivalent magnets in the service area (Step 3).
- Step 11: Determine the utilization threshold for the service area based only on the number of existing, approved and pending fixed MRI scanners located in the service area as identified in Step 1:  
4+ fixed MRI scanners – 4,805 threshold  
3 fixed MRI scanners – 4,462 threshold  
2 fixed MRI scanners – 4,118 threshold  
1 fixed MRI scanner – 3,775 threshold  
0 fixed MRI scanners – 1,716 threshold
- Step 12: Compare the area average procedures per fixed equivalent magnet (Step 10) with the threshold for the MRI service area (Step 11). If the area average procedure per magnet is greater than or equal to the service area threshold, a need is determined for one additional MRI scanner in the service area.

### **Tables**

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

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Alamance	Hospital Fixed	G-006214-00	Alamance Regional Medical Center	2	2.00	5,120	2,943	1,097	875	205	6,073			
Alamance	Mobile	G-007053-04	Alamance Regional Mebane Medical Park (Alamance Regional Medical Center)	0	0.17	712	585	127	0	0	763			
Alamance	Mobile	G-007053-04	Alamance Regional Outpatient Imaging Center (Alamance Regional Medical Center)	0	0.25	1,013	805	208	0	0	1,096			
Alamance	Mobile	G-006271-00	UNC Hospitals Burlington Imaging & Breast Center (Alliance Healthcare Services)	0	0.05	209	160	49	0	0	229			
Alamance	Mobile	Grandfathered	UNC Hospitals Burlington Imaging & Breast Center (Alliance Healthcare Services)	0	0.08	325	241	84	0	0	359			
<b>Alamance</b>				<b>2</b>	<b>2.55</b>	<b>7,379</b>					<b>8,519</b>	<b>3,341</b>	<b>4,118</b>	<b>0</b>
Alexander	Mobile	E-007059-04	Alexander Hospital (Frye Regional Medical Center)	0	0.04	67	47	20	0	0	75			
<b>Alexander</b>				<b>0</b>	<b>0.04</b>	<b>67</b>					<b>75</b>	<b>75</b>	<b>1,716</b>	<b>0</b>
Alleghany	Mobile	G-007038-04	Alleghany Memorial Hospital (Alliance Healthcare Services)	0	0.03	44	36	5	2	1	48			
Alleghany	Mobile	Grandfathered	Alleghany Memorial Hospital (Alliance Healthcare Services)	0	0.06	98	87	6	4	1	103			
<b>Alleghany</b>				<b>0</b>	<b>0.09</b>	<b>142</b>					<b>150</b>	<b>150</b>	<b>1,716</b>	<b>0</b>
Anson	Mobile	F-006868-03	Anson Community Hospital (Carolinas Imaging Services, LLC)	0	0.06	100	59	14	18	9	120			
<b>Anson</b>				<b>0</b>	<b>0.06</b>	<b>100</b>					<b>120</b>	<b>120</b>	<b>1,716</b>	<b>0</b>
Ashe	Hospital Fixed	D-008162-08	Ashe Memorial Hospital, Inc.	1	1.00	860	493	256	41	70	1,035			
<b>Ashe</b>				<b>1</b>	<b>1.00</b>	<b>860</b>					<b>1,035</b>	<b>1,035</b>	<b>3,775</b>	<b>0</b>
Avery	Mobile	Grandfathered	Charles A Cannon Memorial Hospital (Alliance Healthcare Services)	0	0.00	4	2	0	1	1	5			
Avery	Mobile	G-007038-04	Charles A Cannon Memorial Hospital (Alliance Healthcare Services)	0	0.13	219	155	36	20	8	248			
Avery	Mobile	Grandfathered	Charles A Cannon Memorial Hospital [10/7/2011 - 6/15/2012] (Alliance Healthcare Services)	0	0.20	378	262	85	26	5	426			
<b>Avery</b>				<b>0</b>	<b>0.33</b>	<b>601</b>					<b>679</b>	<b>679</b>	<b>1,716</b>	<b>0</b>
Beaufort	Hospital Fixed	Q-005992-99	Vidant Beaufort Hospital	1	1.00	1,587	1,018	411	56	102	1,855			
Beaufort	Mobile	Grandfathered	Vidant Pungo Hospital (Alliance Healthcare Services)	0	0.00	16	12	2	0	2	18			
Beaufort	Mobile	Grandfathered	Vidant Pungo Hospital (Alliance Healthcare Services)	0	0.00	7	7	0	0	0	7			
Beaufort	Mobile	Q-006884-03	Vidant Pungo Hospital (Alliance Healthcare Services & University Health Systems of Eastern NC)	0	0.06	216	172	34	6	4	235			
<b>Beaufort/Hyde</b>				<b>1</b>	<b>1.06</b>	<b>1,826</b>					<b>2,116</b>	<b>1,996</b>	<b>3,775</b>	<b>0</b>
<b>Bertie</b>			No Service Site										<b>1,716</b>	<b>0</b>

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Bladen	Mobile	J-007013-04	Cape Fear Valley - Bladen County Hospital [10/1/2011 - 12/31/2011] (WakeMed Health and Hospitals)	0	0.04	73	63	10	0	0	77			
Bladen	Mobile	M-006605-02	Cape Fear Valley-Bladen County Hospital (Mobile Imaging of North Carolina, LLC)	0	0.18	313	259	54	0	0	335			
<b>Bladen</b>				<b>0</b>	<b>0.22</b>	<b>386</b>					<b>412</b>	<b>412</b>	<b>1,716</b>	<b>0</b>
Brunswick	Hospital Fixed	Grandfathered (Alliance)	J. Arthur Doshier Memorial Hospital	1	1.00	1,079	728	295	21	35	1,233			
Brunswick	Hospital Fixed	O-006658-02	Novant Health Brunswick Medical Center	1	1.00	2,840	1,941	587	198	114	3,245			
Brunswick	Mobile	Grandfathered	J. Arthur Doshier Memorial Hospital (Alliance Healthcare Services)	0	0.26	1,080	725	296	22	37	1,237			
Brunswick	Mobile	F-007001-04	NHRMC Health & Diagnostics - Brunswick Forest (Alliance Healthcare Services)	0	0.19	785	506	279	0	0	897			
<b>Brunswick</b>				<b>2</b>	<b>2.45</b>	<b>5,784</b>					<b>6,612</b>	<b>2,699</b>	<b>4,118</b>	<b>0</b>
Buncombe	Hospital Fixed	B-006869-03; B-008459-10	Mission Hospital - Memorial Campus	2	2.00	7,550	2,725	1,257	2,299	1,269	9,988			
Buncombe	Hospital Fixed	B-006215-00	Mission Hospital - St. Joseph Campus	1	1.00	1,751	388	232	578	553	2,517			
Buncombe	Freestanding Fixed	B-004178-90	Asheville MRI	1	1.00	5,398	3,509	1,889	0	0	6,154			
Buncombe	Freestanding Fixed	B-006446-01	Asheville MRI	1	1.00	4,900	2,434	2,466	0	0	5,886			
Buncombe	Freestanding Fixed	B-006643-02	Asheville Orthopaedic Associates [10/1/2011 - 9/14/2012] (InSight Imaging)	0	0.00	655	647	8	0	0	658			
Buncombe	Freestanding Fixed	B-005583-97	Carolina Spine & Neurosurgery Center	1	1.00	3,192	1,992	1,200	0	0	3,672			
Buncombe	Freestanding Fixed	B-006643-02	Marquis Diagnostic Imaging [9/17/2012 - 9/30/2012] (InSight Imaging)	1	1.00	166	149	17	0	0	173			
Buncombe	Freestanding Fixed	B-006440-01	Open MRI and Imaging of Asheville (Asheville Open MRI, Inc)	1	1.00	2,741	2,301	440	0	0	2,917			
Buncombe	Freestanding Fixed	B-005492-96	Open MRI and Imaging of Asheville (Asheville Open MRI, Inc)	1	1.00	5,197	4,363	834	0	0	5,531			
Buncombe	Mobile	Grandfathered	Marquis Diagnostic Imaging [10/1/2011 - 6/15/2012] (Alliance Healthcare Services)	0	0.47	2,273	1,940	333	0	0	2,406			
Buncombe	Mobile	Grandfathered	Marquis Diagnostic Imaging (Alliance Healthcare Services)	0	0.15	727	641	86	0	0	761			
<b>Buncombe/Graham/Madison/Yancey</b>				<b>9</b>	<b>9.62</b>	<b>34,550</b>					<b>40,663</b>	<b>4,227</b>	<b>4,805</b>	<b>0</b>
Burke	Hospital Fixed	E-006961-03; E-007203-05	Carolinas Medical Center - Blue Ridge	2	2.00	3,522	1,446	982	922	172	4,421			
Burke	Mobile	E-007066-04	Blue Ridge Radiology Associates (Blue Ridge Radiology Associates, P.A.)	0	0.49	2,351	1,550	801	0	0	2,671			
Burke	Mobile	E-008230-08	Carolina Orthopaedic Specialists - Morganton (Carolina Orthopaedic Specialists)	0	0.20	945	844	101	0	0	985			
<b>Burke</b>				<b>2</b>	<b>2.69</b>	<b>6,818</b>					<b>8,078</b>	<b>3,003</b>	<b>4,805</b>	<b>0</b>

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Magnet Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Cabarrus	Hospital Fixed	F-005933-98; F-006629-02; F-007086-04	Carolinas Medical Center - NorthEast	5	5.00	21,485	8,650	7,562	2,280	2,993	27,816			
Cabarrus	Freestanding Fixed	F-007088-04	Charlotte Radiology Access Medical Imaging [10/1/2011 - 11/9/2011] (Charlotte Radiology, PA)	0	0.00	98	86	12	0	0	103			
Cabarrus	Freestanding Fixed	F-005916-98	Novant Health Imaging Cabarrus (Cabarrus Diagnostic Imaging, LLC)	1	1.00	1,510	1,273	237	0	0	1,605			
Cabarrus	Freestanding Fixed	F-007859-07	Southern Piedmont Imaging	1	1.00	0	0	0	0	0	0			
Cabarrus	Mobile	F-006734-03	Carolina NeuroSurgery & Spine Associates	0	0.16	767	603	164	0	0	833			
Cabarrus	Mobile	F-006868-03	Carolinas Medical Center NorthEast (Carolinas Imaging Services, LLC)	0	0.03	158	112	46	0	0	176			
Cabarrus	Mobile	Grandfathered	Novant Health Imaging Cabarrus (Foundation Health Mobile Imaging LLC)	0	0.05	224	192	32	0	0	237			
Cabarrus	Mobile	Grandfathered	Novant Health Imaging Cabarrus (Foundation Health Mobile Imaging LLC)	0	0.05	259	217	42	0	0	276			
Cabarrus	Mobile	Grandfathered	OrthoCarolina (Alliance Healthcare Services)	0	0.20	948	948	0	0	0	948			
<b>Cabarrus</b>				<b>7</b>	<b>7.49</b>	<b>25,449</b>	<b>942</b>	<b>756</b>	<b>312</b>	<b>131</b>	<b>31,993</b>	<b>4,271</b>	<b>4,805</b>	<b>0</b>
Caldwell	Hospital Fixed	E-007222-05	Caldwell Memorial Hospital	1	1.00	2,141	942	756	312	131	2,673			
Caldwell	Mobile	E-008230-08	Carolina Orthopaedic Specialists - Lenoir (Carolina Orthopaedic Specialists)	0	0.34	1,283	1,137	146	0	0	1,341			
Caldwell	Mobile	E-007066-04	Lenoir Family Medicine (Blue Ridge Radiology Associates, P.A.)	0	0.03	115	115	0	0	0	115			
<b>Caldwell</b>				<b>1</b>	<b>1.37</b>	<b>3,539</b>	<b>1,703</b>	<b>1,218</b>	<b>310</b>	<b>409</b>	<b>4,129</b>	<b>3,014</b>	<b>3,775</b>	<b>0</b>
Carteret	Hospital Fixed	P-005282-95	Carteret General Hospital	1	1.00	3,640	1,703	1,218	310	409	4,578			
Carteret	Freestanding Fixed	P-008049-08	Carteret General Hospital and Seashore Imaging	1	1.00	0	0	0	0	0	0			
Carteret	Mobile	Grandfathered	Carteret General Hospital (Alliance Healthcare Services)	0	0.02	96	94	2	0	0	97			
Carteret	Mobile	O-006434-01	Carteret Surgical Associates (Cape Fear Diagnostic Imaging, Inc.)	0	0.19	800	800	0	0	0	800			
<b>Carteret</b>				<b>2</b>	<b>2.21</b>	<b>4,536</b>	<b>2,231</b>	<b>1,734</b>	<b>550</b>	<b>421</b>	<b>5,475</b>	<b>2,477</b>	<b>4,118</b>	<b>0</b>
Catawba	Hospital Fixed	E-007270-05	Catawba Valley Medical Center	2	2.00	4,936	2,231	1,734	550	421	6,186			
Catawba	Hospital Fixed	E-004812-93; E-005922-98; E-007856-07	Frye Regional Medical Center	2	2.00	3,831	1,783	1,280	338	425	4,813			
Catawba	Mobile	E-008230-08	Carolina Orthopaedic Specialists - Hickory (Carolina Orthopaedic Specialists)	0	0.31	1,488	1,290	198	0	0	1,567			
Catawba	Mobile	E-008230-08	Carolina Orthopaedic Specialists - Newton (Carolina Orthopaedic Specialists)	0	0.16	607	754	147	0	0	960			
Catawba	Mobile	E-007059-04	Frye Care Outpatient Imaging Center (Frye Regional Medical Center)	0	0.35	1,702	976	726	0	0	1,992			



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Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Catawba	Mobile	Grandfathered	Neurology Associates of Hickory (Alliance Healthcare Services)	0	0.09	438	191	247	0	0	537			
Catawba	Mobile	Grandfathered	OrthoCarolina -Hickory (Alliance Healthcare Services)	0	0.49	2,378	2,081	297	0	0	2,497			
<b>Catawba</b>				<b>4</b>	<b>5.40</b>	<b>15,380</b>					<b>18,553</b>	<b>3,436</b>	<b>4,805</b>	<b>0</b>
Chatham	Mobile	Grandfathered	Chatham Hospital (Alliance Healthcare Services)	0	0.26	452	277	108	43	24	532			
Chatham	Mobile	Grandfathered	Chatham Hospital (Alliance Healthcare Services)	0	0.06	104	62	24	13	5	123			
<b>Chatham</b>				<b>0</b>	<b>0.32</b>	<b>556</b>					<b>654</b>	<b>654</b>	<b>1,716</b>	<b>0</b>
Cherokee	Hospital Fixed	A-006767-03	Murphy Medical Center, Inc.	1	1.00	1,725	1,274	368	44	39	1,921			
<b>Cherokee/Clay</b>				<b>1</b>	<b>1.00</b>	<b>1,725</b>					<b>1,921</b>	<b>1,921</b>	<b>3,775</b>	<b>0</b>
Chowan	Hospital Fixed	R-008168-08	Vidant Chowan Hospital	1	1.00	1,668	1,130	486	26	26	1,894			
<b>Chowan</b>				<b>1</b>	<b>1.00</b>	<b>1,668</b>					<b>1,894</b>	<b>1,894</b>	<b>3,775</b>	<b>0</b>
Cleveland	Hospital Fixed	C-005725-97	Cleveland Regional Medical Center	1	1.00	4,266	1,929	1,518	368	451	5,381			
Cleveland	Hospital Fixed	C-006915-03	Kings Mountain Hospital	1	1.00	672	386	142	70	74	816			
Cleveland	Mobile	Grandfathered	Miller Orthopedic Clinic (Alliance Healthcare Services)	0	0.04	147	147	0	0	0	147			
Cleveland	Mobile	Grandfathered	Miller Orthopedic Clinic (Alliance Healthcare Services)	0	0.18	738	738	0	0	0	738			
Cleveland	Mobile	G-006271-00	MRI Specialisis of the Carolinas (Alliance Healthcare Services)	0	0.06	227	184	43	0	0	244			
Cleveland	Mobile	Grandfathered	MRI Specialisis of the Carolinas (Alliance Healthcare Services)	0	0.02	101	81	20	0	0	109			
<b>Cleveland</b>				<b>2</b>	<b>2.30</b>	<b>6,151</b>					<b>7,435</b>	<b>3,233</b>	<b>4,118</b>	<b>0</b>
Columbus	Hospital Fixed	O-006426-01	Columbus Regional Healthcare System	1	1.00	2,340	1,587	367	297	89	2,677			
Columbus	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.00	12	12	0	0	0	12			
Columbus	Mobile	F-007001-04	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.08	314	302	12	0	0	319			
Columbus	Mobile	O-007340-05	Waccamaw Ultrasound & Diagnostics	0	0.28	1,066	1,009	57	0	0	1,089			
<b>Columbus</b>				<b>1</b>	<b>1.36</b>	<b>3,732</b>					<b>4,096</b>	<b>3,012</b>	<b>3,775</b>	<b>0</b>
Craven	Hospital Fixed	P-005760-97	CarolinaEast Medical Center	2	2.00	5,529	2,250	1,799	770	710	7,125			
Craven	Freestanding Fixed	P-008108-08	Coastal Carolina Health Care	1	1.00	3,483	2,520	963	0	0	3,868			
Craven	Freestanding Fixed	P-006764-03	Coastal Carolina Health Care	1	1.00	2,891	2,523	368	0	0	3,038			
<b>Craven/Jones/Pamlico</b>				<b>4</b>	<b>4.00</b>	<b>11,903</b>					<b>14,031</b>	<b>3,508</b>	<b>4,805</b>	<b>0</b>
Cumberland	Hospital Fixed	M-006603-02	Cape Fear Valley Medical Center	3	3.00	9,290	4,614	55	4,594	27	11,171			
Cumberland	Freestanding Fixed	M-005899-98	Carolina Imaging of Fayetteville	1	1.00	4,748	4,008	748	0	0	5,055			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Magnet Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Cumberland	Freestanding Fixed	M-007924-07	Carolina Imaging of Fayetteville	1	1.00	6,583	5,557	1,026	0	0	6,993			
Cumberland	Freestanding Fixed	M-005905-98	Valley Regional Imaging (Medical Imaging Center dba Valley Regional Imaging)	1	1.00	2,953	2,322	631	0	0	3,205			
Cumberland	Freestanding Fixed	Grandfathered	Valley Regional Imaging (VRI) (Medical Imaging Center dba Valley Regional Imaging)	1	1.00	3,085	2,426	659	0	0	3,349			
Cumberland	Freestanding Fixed	M-005905-98	Valley Regional Imaging (VRI) [10/1/2011 - 12/20/2011] (Medical Imaging Center dba Valley Regional Imaging)	0	0.00	525	413	112	0	0	570			
Cumberland	Mobile	J-007008-04	Carolina Imaging of Fayetteville (Foundation Health Mobile Imaging LLC)	0	0.00	9	8	1	0	0	9			
Cumberland	Mobile	Grandfathered	Carolina Imaging of Fayetteville (Kings Medical Group)	0	0.04	195	174	21	0	0	203			
Cumberland	Mobile	F-005723-97	Cross Creek Imaging [10/1/2011 - 12/15/2011] (Insight Imaging)	0	0.06	284	252	32	0	0	297			
Cumberland	Mobile	Grandfathered	Kerner Radiology Associates (Alliance Healthcare Services)	0	0.00	12	12	0	0	0	12			
Cumberland	Mobile	Grandfathered	Kerner Radiology Associates (Alliance Healthcare Services)	0	0.06	278	263	15	0	0	284			
Cumberland	Mobile	F-007001-04	Kerner Radiology Associates (Alliance Healthcare Services)	0	0.00	24	24	0	0	0	24			
<b>Cumberland</b>				<b>7</b>	<b>7.16</b>	<b>27,986</b>					<b>31,173</b>	<b>4,354</b>	<b>4,805</b>	<b>0</b>
Dare	Hospital Fixed	R-007329-05	The Outer Banks Hospital, Inc.	1	1.00	1,614	962	526	52	74	1,904			
Dare	Mobile	R-006293-00	Regional Medical Center (Regional Medical Services)	0	0.15	555	410	145	0	0	613			
Dare	Mobile	R-006293-00	Spring Arbor (Regional Medical Services)	0	0.00	0	0	0	0	0	0			
<b>Dare</b>				<b>1</b>	<b>1.15</b>	<b>2,169</b>					<b>2,517</b>	<b>2,189</b>	<b>3,775</b>	<b>0</b>
Davidson	Hospital Fixed	G-006443-01	Lexington Medical Center	1	1.00	2,496	1,715	536	205	40	2,824			
Davidson	Hospital Fixed	G-006826-03	Novant Health Thomasville Medical Center	1	1.00	2,337	1,533	392	281	131	2,711			
<b>Davidson</b>				<b>2</b>	<b>2.00</b>	<b>4,833</b>					<b>5,535</b>	<b>2,768</b>	<b>4,118</b>	<b>0</b>
Davie	Mobile	G-006271-00	Davie County Hospital (Alliance Healthcare Services)	0	0.19	328	291	27	10	0	343			
<b>Davie</b>				<b>0</b>	<b>0.19</b>	<b>328</b>					<b>343</b>	<b>343</b>	<b>1,716</b>	<b>0</b>
Duplin	Mobile	Q-006884-03	Vidant Duplin Hospital (Alliance Healthcare Services & University Health Systems of Eastern NC)	0	0.41	705	458	162	46	39	819			
<b>Duplin</b>				<b>0</b>	<b>0.41</b>	<b>705</b>					<b>819</b>	<b>819</b>	<b>1,716</b>	<b>0</b>
Durham	Hospital Fixed	Grandfathered, J-006207-00	Duke Regional Hospital	2	2.00	5,946	3,018	1,257	1,250	421	7,286			
Durham	Hospital Fixed	J-5589-97; J-6109-99; J-8030-07; J-8275-08; J-8466-10; J-8663-11	Duke University Hospital	8	8.00	18,934	5,744	6,611	2,190	4,389	25,966			
Durham	Freestanding Fixed	J-006760-03	Durham Diagnostic Imaging-Independence Park	1	1.00	3,176	2,102	1,074	0	0	3,606			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Durham	Freestanding Fixed	J-006108-99	Lenox Baker Hospital (Duke University Hospital)	1	1.00	2,717	1,083	1,634	0	3,371			
Durham	Freestanding Fixed	Grandfathered	Lenox Baker Hospital (Duke University Hospital)	1	1.00	2,753	1,097	1,656	0	3,415			
Durham	Freestanding Fixed	J-007174-04	Lenox Baker Hospital (Duke University Hospital)	1	1.00	2,574	1,026	1,548	0	3,193			
Durham	Freestanding Fixed	Grandfathered	Lenox Baker Hospital (Duke University Hospital)	1	1.00	2,989	1,191	1,798	0	3,708			
Durham	Freestanding Fixed	J-006598-02	Lenox Baker Hospital (Duke University Hospital)	1	1.00	2,009	782	1,227	0	2,500			
Durham	Freestanding Fixed	J-007031-04	Triangle Orthopaedic Associates	1	1.00	3,664	3,468	196	0	3,742			
Durham	Mobile	M-006605-02	Durham Diagnostic Imaging at Triangle Medical Park (Mobile Imaging of North Carolina, LLC)	0	0.15	707	651	56	0	729			
Durham	Mobile	Grandfathered	Raleigh Neurology Associates (Alliance Healthcare Services)	0	0.09	446	201	245	0	544			
Durham	Mobile	Grandfathered	Raleigh Neurology Associates (Alliance Healthcare Services)	0	0.00	6	2	4	0	8			
Durham	Mobile	J-008453-09	Triangle Orthopaedic Associates	0	0.07	324	320	4	0	326			
<b>Durham/Caswell</b>				<b>17</b>	<b>17.31</b>	<b>46,245</b>	<b>1,062</b>	<b>345</b>	<b>186</b>	<b>243</b>	<b>3,373</b>	<b>4,805</b>	<b>0</b>
Edgecombe	Hospital Fixed	L-008327-09	Vidant Edgecombe Hospital	1	1.00	1,836	1,062	345	186	2,243			
<b>Edgecombe</b>				<b>1</b>	<b>1.00</b>	<b>1,836</b>				<b>2,243</b>	<b>2,243</b>	<b>3,775</b>	<b>0</b>
Forsyth	Hospital Fixed	G-007083-04; G-008372-09	North Carolina Baptist Hospital	6	6.00	22,489	6,080	10,496	1,314	4,599			
Forsyth	Hospital Fixed	G-004293-91; G-006588-02; G-007919-07	Novant Health Forsyth Medical Center	3	3.00	12,546	2,690	2,888	2,210	4,758			
Forsyth	Hospital Fixed	D-008196-08	Novant Health Imaging Kernersville	1	1.00	1,520	1,019	501	0	1,720			
Forsyth	Hospital Fixed	Grandfathered; G-007387-05	Novant Health Imaging Maplewood	2	2.00	6,320	4,030	2,290	0	7,236			
Forsyth	Hospital Fixed	Grandfathered	Novant Health Winston-Salem Health Care	1	1.00	2,844	2,039	805	0	3,166			
Forsyth	Freestanding Fixed	Grandfathered	Novant Health Imaging Piedmont (Piedmont Imaging, LLC)	1	1.00	3,877	2,929	948	0	4,256			
Forsyth	Freestanding Fixed	G-006893-03	Novant Health Imaging Piedmont (Piedmont Imaging, LLC)	1	1.00	5,562	4,203	1,359	0	6,106			
Forsyth	Freestanding Fixed	G-007780-07	Wake Forest Baptist Imaging	1	1.00	5,248	3,630	1,618	0	5,895			
Forsyth	Mobile	G-006271-00	Greensboro Imaging (Alliance Healthcare Services)	0	0.01	51	46	5	0	53			
Forsyth	Mobile	Grandfathered	Greensboro Imaging at Kernersville (Alliance Healthcare Services)	0	0.02	102	91	11	0	106			
Forsyth	Mobile	G-007065-04	Novant Health Imaging Maplewood (Novant Health Forsyth Medical Center)	0	0.05	249	168	81	0	281			
Forsyth	Mobile	G-007065-04	Novant Health Kernersville Medical Center (Novant Health Forsyth Medical Center)	0	0.17	811	572	239	0	907			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Forsyth	Mobile	Grandfathered	Orthopaedic Specialists of the Carolinas	0	0.70	3,082	263	3,345	0	0	4,946			
Forsyth	Mobile	Grandfathered	Orthopaedic Specialists of the Carolinas	0	0.10	474	21	495	0	0	714			
Forsyth			2010 SMFP Need Determination	1	1.00	0	0	0	0	0	0			
<b>Forsyth</b>				<b>17</b>	<b>18.05</b>	<b>65,175</b>					<b>84,671</b>	<b>4,691</b>	<b>4,805</b>	<b>0</b>
Franklin	Hospital Fixed	K-007501-06	Novant Health Franklin Medical Center	1	1.00	988	585	171	145	87	1,184			
<b>Franklin</b>				<b>1</b>	<b>1.00</b>	<b>988</b>					<b>1,184</b>	<b>1,184</b>	<b>3,775</b>	<b>0</b>
Gaston	Hospital Fixed	F-005577-97	CaroMont Regional Medical Center	1	1.00	7,010	2,020	1,989	1,418	1,583	9,639			
Gaston	Hospital Fixed	F-006620-02	CaroMont Regional Medical Center, CaroMont Imaging Services Belmont	1	1.00	3,452	2,049	1,403	0	0	4,013			
Gaston	Hospital Fixed	F-006622-02	CaroMont Regional Medical Center, CaroMont Imaging Services-Summit	1	1.00	3,063	1,906	1,157	0	0	3,526			
Gaston	Hospital Fixed		CaroMont Regional Medical Center, The Diagnostic Center	1	1.00	440	321	119	0	0	488			
Gaston	Freestanding Fixed	F-008793-12	Novant Health Imaging Gastonia (Mecklenburg Diagnostic Imaging LLC)	1	1.00	0	0	0	0	0	0			
Gaston	Mobile	F-008000-07	MRI Specialists of the Carolinas - Belmont (MRI Specialists of the Carolinas, LLC)	0	0.08	366	253	113	0	0	411			
Gaston	Mobile	F-008000-07	MRI Specialists of the Carolinas - Gastonia (MRI Specialists of the Carolinas, LLC)	0	0.37	1,788	1,206	582	0	0	2,021			
Gaston	Mobile	Grandfathered	Novant Health Imaging Gastonia (Foundation Health Mobile Imaging LLC)	0	0.04	201	164	37	0	0	216			
Gaston	Mobile	F-008237-08	Novant Health Imaging Gastonia (Mecklenburg Diagnostic Imaging, Inc.)	0	0.15	700	557	143	0	0	757			
Gaston	Mobile	F-007164-04	Novant Health Imaging Gastonia (Presbyterian Mobile Imaging, LLC)	0	0.05	260	220	40	0	0	276			
Gaston	Mobile	Grandfathered	OrthoCarolina (Alliance Healthcare Services)	0	0.14	665	665	0	0	0	665			
<b>Gaston</b>				<b>5</b>	<b>5.83</b>	<b>17,945</b>					<b>22,012</b>	<b>3,776</b>	<b>4,805</b>	<b>0</b>
Granville	Hospital Fixed	K-010064-12	Granville Health System	1	1.00	1,361	1,044	180	107	30	1,500			
Granville	Mobile	J-007013-04	Central Regional Hospital (WakeMed Health and Hospitals)	0	0.04	11	0	147	36	147	521			
<b>Granville</b>				<b>1</b>	<b>1.04</b>	<b>1,372</b>					<b>2,021</b>	<b>1,943</b>	<b>3,775</b>	<b>0</b>
Guilford	Hospital Fixed	G-006299-00	Cone Health	2	2.00	8,522	2,226	1,350	3,462	1,444	11,562			
Guilford	Hospital Fixed	G-005924-98	High Point Regional Health	2	2.00	5,267	2,274	932	1,518	543	6,681			
Guilford	Hospital Fixed		Wesley Long Community Hospital	1	1.00	3,730	1,292	1,245	747	446	4,884			
Guilford	Freestanding Fixed	G-007269-05	Cornerstone Imaging (Cornerstone Health Care, PA)	1	1.00	4,182	2,905	1,277	0	0	4,693			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Guilford	Freestanding Fixed	Grandfathered	Greensboro Imaging (Diagnostic Radiology & Imaging, LLC)	1	1.00	5,640	3,441	2,199	0	6,520			
Guilford	Freestanding Fixed	G-006952-03	Greensboro Imaging (Diagnostic Radiology & Imaging, LLC)	1	1.00	4,836	2,828	2,008	0	5,639			
Guilford	Freestanding Fixed	Grandfathered	Greensboro Imaging (Diagnostic Radiology & Imaging, LLC)	1	1.00	1,649	1,173	476	0	1,839			
Guilford	Freestanding Fixed	G-008347-09	Greensboro Orthopaedics (Greensboro Orthopaedics, P.A.)	1	1.00	5,419	4,858	561	0	5,643			
Guilford	Freestanding Fixed	Grandfathered	Novant Health Imaging Triad	1	1.00	2,996	2,571	425	0	3,166			
Guilford	Mobile	Grandfathered	Cone Health (Alliance Healthcare Services)	0	0.05	251	159	71	15	290			
Guilford	Mobile	Grandfathered	Cone Health (Alliance Healthcare Services)	0	0.03	138	96	38	3	155			
Guilford	Mobile	G-006271-00	Cone Health (Alliance Healthcare Services)	0	0.01	62	42	16	2	71			
Guilford	Mobile	G-007038-04	Cone Health (Alliance Healthcare Services)	0	0.00	1	1	0	0	1			
Guilford	Mobile	Grandfathered	Comerstone Imaging (Insight Imaging)	0	0.42	2,028	1,453	575	0	2,258			
Guilford	Mobile	Grandfathered	Guilford Neurologic Associates Inc. (Kings Medical Group)	0	0.21	1,025	828	197	0	1,104			
Guilford	Mobile	Grandfathered	Novant Health Triad Imaging (Foundation Health Mobile Imaging LLC)	0	0.22	1,039	797	242	0	1,136			
Guilford	Mobile	G-007064-04	Premier Imaging (High Point Regional Health System)	0	0.13	636	471	165	0	702			
Guilford	Mobile	G-007064-04	Regional Physicians Neuroscience Center (High Point Regional Health System)	0	0.00	1	1	0	0	1			
Guilford	Mobile	Grandfathered	Southeastern Orthopaedic Specialists (Alliance Healthcare Services)	0	0.00	13	13	0	0	13			
Guilford	Mobile	Grandfathered	Southeastern Orthopaedic Specialists (Alliance Healthcare Services)	0	1.00	4,847	4,375	472	0	5,036			
Guilford	Mobile	G-007038-04	Spine & Scoliosis Specialists (Alliance Healthcare Services)	0	0.02	90	84	6	0	92			
Guilford	Mobile	Grandfathered	Spine & Scoliosis Specialists (Alliance Healthcare Services)	0	0.02	74	66	8	0	77			
Guilford	Mobile	Grandfathered	Spine & Scoliosis Specialists (Alliance Healthcare Services)	0	0.01	52	50	2	0	53			
Guilford	Mobile	G-006271-00	Vanguard Brain & Spine Specialists (Alliance Healthcare Services)	0	0.08	398	290	108	0	441			
Guilford	Mobile	Grandfathered	Vanguard Brain & Spine Specialists (Alliance Healthcare Services)	0	0.05	264	172	92	0	301			
<b>Guilford</b>				<b>11</b>	<b>13.25</b>	<b>53,160</b>				<b>62,358</b>	<b>4,706</b>	<b>4,805</b>	<b>0</b>
Halifax	Hospital Fixed	L-007257-05	Halifax Regional Medical Center, Inc.	1	1.00	1,743	998	403	207	135			
Halifax	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.17	643	590	53	0	664			
Halifax	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.02	66	61	5	0	68			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Halifax	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.04	161	152	9	0	0	165			
Halifax	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.01	54	52	2	0	0	55			
<b>Halifax/Norhampton</b>				<b>1</b>	<b>1.24</b>	<b>2,667</b>					<b>3,047</b>	<b>2,457</b>	<b>3,775</b>	<b>0</b>
Harnett	Hospital Fixed	M-006712-02; M-008287-09	Betsy Johnson Hospital	2	2.00	2,413	1,301	588	194	330	2,990			
Harnett	Mobile	Grandfathered	Atlantic Radiology (Alliance Healthcare Services)	0	0.00	10	8	2	0	0	11			
Harnett	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.10	411	324	87	0	0	446			
Harnett	Mobile	M-006605-02	Carolina Regional Radiology (Mobile Imaging of North Carolina, LLC)	0	0.23	941	738	203	0	0	1,022			
<b>Harnett</b>				<b>2</b>	<b>2.33</b>	<b>3,775</b>					<b>4,469</b>	<b>1,918</b>	<b>4,118</b>	<b>0</b>
Haywood	Hospital Fixed	A-005060-94; A-007807-07	Medwest Haywood	2	2.00	3,896	2,373	1,117	206	200	4,585			
<b>Haywood</b>				<b>2</b>	<b>2.00</b>	<b>3,896</b>					<b>4,585</b>	<b>2,293</b>	<b>4,118</b>	<b>0</b>
Henderson	Hospital Fixed	B-006004-99	Margaret R. Pardee Memorial Hospital	2	2.00	4,823	3,048	1,316	252	207	5,616			
Henderson	Hospital Fixed	B-006012-99; B-007384-05	Park Ridge Health	1	1.00	2,456	1,462	626	258	110	2,898			
<b>Henderson</b>				<b>3</b>	<b>3.00</b>	<b>7,279</b>					<b>8,513</b>	<b>2,838</b>	<b>4,462</b>	<b>0</b>
Hertford	Hospital Fixed	Q-007213-05	Vidant Roanoke-Chowan Hospital	1	1.00	2,088	1,346	395	176	171	2,453			
<b>Hertford/Gates</b>				<b>1</b>	<b>1.00</b>	<b>2,088</b>					<b>2,453</b>	<b>2,453</b>	<b>3,775</b>	<b>0</b>
			No Service Site											
<b>Hoke</b>														
Iredell	Hospital Fixed	F-006728-02	Davis Regional Medical Center	1	1.00	1,845	1,084	269	225	267	2,256			
Iredell	Hospital Fixed	F-005340-96	Iredell Memorial Hospital	1	1.00	3,816	1,840	1,241	359	376	4,757			
Iredell	Hospital Fixed	F-005815-98; F-006591-02	Lake Norman Regional Medical Center	2	2.00	3,303	1,728	950	420	205	4,015			
Iredell	Freestanding Fixed	F-006957-03	Piedmont Healthcare [Temporary] (Alliance Healthcare Services)	0	0.00	198	161	37	0	0	213			
Iredell	Freestanding Fixed	F-006957-03	Piedmont HealthCare (Piedmont HealthCare, P.A. & Alliance HealthCare Services, Inc.)	1	1.00	3,226	2,532	694	0	0	3,504			
Iredell	Mobile	Grandfathered	Carolina Specialty Care (Foundation Health Mobile Imaging LLC)	0	0.00	11	11	0	0	0	11			
Iredell	Mobile	Grandfathered	Northshore Orthopedics & Sport (Alliance Healthcare Services)	0	0.00	10	10	0	0	0	10			
Iredell	Mobile	Grandfathered	Northshore Orthopedics & Sport (Alliance Healthcare Services)	0	0.08	368	368	0	0	0	368			
Iredell	Mobile	Grandfathered	Novant Health Imaging Mooresville (Foundation Health Mobile Imaging LLC)	0	0.19	906	724	182	0	0	979			
Iredell	Mobile	Grandfathered	Novant Health Imaging Mooresville (Kings Medical Group)	0	0.27	1,320	1,088	232	0	0	1,413			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Iredell	Mobile	Grandfathered	Piedmont HealthCare (Alliance Healthcare Services)	0	0.01	34	30	4	0	0	36			
Iredell	Mobile	Grandfathered	Piedmont HealthCare (Alliance Healthcare Services)	0	0.00	19	16	3	0	0	20			
Iredell	Mobile	Grandfathered	Piedmont HealthCare (Alliance Healthcare Services)	0	0.10	466	370	96	0	0	504			
<b>Iredell</b>				<b>5</b>	<b>5.65</b>	<b>15,522</b>	<b>2,589</b>	<b>1,046</b>	<b>100</b>	<b>89</b>	<b>18,085</b>	<b>3,201</b>	<b>4,805</b>	<b>0</b>
Jackson	Hospital Fixed	A-006797-03; A-008195-08	Medwest Harris	2	2.00	3,824					4,354			
<b>Jackson</b>				<b>2</b>	<b>2.00</b>	<b>3,824</b>					<b>4,354</b>	<b>2,177</b>	<b>4,118</b>	<b>0</b>
Johnston	Hospital Fixed	J-006807-03; J-007900-07	Johnston Memorial Hospital	2	2.00	5,726	3,218	1,180	841	487	6,924			
Johnston	Mobile	Grandfathered	Eastern Carolina Medical Center (Alliance Healthcare Services)	0	0.00	14	12	2	0	0	15			
Johnston	Mobile	Grandfathered	Eastern Carolina Medical Center (Alliance Healthcare Services)	0	0.00	3	3	0	0	0	3			
Johnston	Mobile	Grandfathered	Eastern Carolina Medical Center (Alliance Healthcare Services)	0	0.03	120	112	8	0	0	123			
Johnston	Mobile	Grandfathered	Raleigh Radiology - Clayton (InSight Imaging)	0	0.14	630	541	89	0	0	666			
Johnston	Mobile	Grandfathered	Raleigh Radiology Clayton (InSight Imaging)	0	0.12	519	519	0	0	0	519			
<b>Johnston</b>				<b>2</b>	<b>2.29</b>	<b>7,012</b>	<b>1,389</b>	<b>527</b>	<b>316</b>	<b>264</b>	<b>8,250</b>	<b>3,602</b>	<b>4,462</b>	<b>0</b>
Lee	Hospital Fixed	J-005901-98	Central Carolina Hospital	1	1.00	2,496					3,044			
<b>Lee</b>				<b>1</b>	<b>1.00</b>	<b>2,496</b>					<b>3,044</b>	<b>3,044</b>	<b>3,775</b>	<b>0</b>
Lenoir	Hospital Fixed		Lenoir Memorial Hospital	1	1.00	2,790	1,485	641	344	320	3,440			
Lenoir	Freestanding Fixed	P-008147-08	Lenoir Imaging (Lenoir Imaging LLC)	1	1.00	0	0	0	0	0	0			
<b>Lenoir</b>				<b>2</b>	<b>2.00</b>	<b>2,790</b>	<b>1,842</b>	<b>682</b>	<b>337</b>	<b>127</b>	<b>3,440</b>	<b>1,720</b>	<b>4,118</b>	<b>0</b>
Lincoln	Hospital Fixed	F-008081-08	Carolinas Medical Center - Lincoln	1	1.00	2,988	1,842	682	337	127	3,497			
Lincoln	Mobile	F-005723-97	Raleigh Radiology Blue Ridge [10/1/2011 - 3/15/2012] (InSight Imaging)	0	0.08	319	271	48	0	0	338			
<b>Lincoln</b>				<b>1</b>	<b>1.08</b>	<b>3,307</b>					<b>3,835</b>	<b>3,551</b>	<b>3,775</b>	<b>0</b>
Macon	Hospital Fixed	A-006828-03	Angel Medical Center, Inc.	1	1.00	1,174	698	387	37	52	1,385			
Macon	Hospital Fixed	A-007197-05	Highlands-Cashiers Hospital, Inc.	1	1.00	360	312	43	4	1	380			
Macon	Mobile	G-007038-04	MedWest - Franklin (Alliance Healthcare Services)	0	0.02	74	71	3	0	0	75			
Macon	Mobile	Grandfathered	MedWest - Franklin (Alliance Healthcare Services)	0	0.04	148	137	11	0	0	152			
Macon	Mobile	Grandfathered	MedWest-Franklin (Alliance Healthcare Services)	0	0.00	3	3	0	0	0	3			
<b>Macon</b>				<b>2</b>	<b>2.06</b>	<b>1,759</b>	<b>33</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1,995</b>	<b>969</b>	<b>4,118</b>	<b>0</b>
Martin	Mobile	Grandfathered	Martin General Hospital (Alliance Healthcare Services)	0	0.02	39					42			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Martin	Mobile	Grandfathered	Martin General Hospital (Alliance Healthcare Services)	0	0.01	12	10	1	0	1	13			
Martin	Mobile	Q-006884-03	Martin General Hospital (Alliance Healthcare Services & University Health Systems of Eastern NC)	0	0.27	458	391	34	23	10	489			
<b>Martin</b>				<b>0</b>	<b>0.30</b>	<b>509</b>					<b>544</b>	<b>544</b>	<b>1,716</b>	<b>0</b>
McDowell	Hospital Fixed	C-007304-05	The McDowell Hospital, Inc.	1	1.00	1,238	892	254	65	27	1,387			
<b>McDowell</b>				<b>1</b>	<b>1.00</b>	<b>1,238</b>					<b>1,387</b>	<b>1,387</b>	<b>3,775</b>	<b>0</b>
Mecklenburg	Hospital Fixed	F-005918-98; F-006493-01	Carolinas Medical Center	4	4.00	16,414	4,952	5,457	2,479	3,526	22,409			
Mecklenburg	Hospital Fixed	F-005919-98	Carolinas Medical Center - University	1	1.00	4,706	1,983	1,509	536	678	6,066			
Mecklenburg	Hospital Fixed	F-006830-03	Carolinas Medical Center - Mercy/Pineville	2	2.00	10,537	4,501	2,954	1,537	1,545	13,569			
Mecklenburg	Hospital Fixed	F-005575-97	Novant Health Charlotte Orthopedic Hospital	1	1.00	2,430	1,587	802	22	19	2,775			
Mecklenburg	Hospital Fixed	F-005580-97	Novant Health Huntersville Medical Center	1	1.00	6,248	3,755	1,675	540	278	7,356			
Mecklenburg	Hospital Fixed	F-002332-85	Novant Health Imaging Museum	1	1.00	2,400	1,686	714	0	0	2,686			
Mecklenburg	Hospital Fixed	F-006379-01; F-008688-11	Novant Health Matthews Medical Center	2	2.00	5,788	2,554	1,878	964	392	7,238			
Mecklenburg	Hospital Fixed	F-006495-01	Novant Health Presbyterian Medical Center	2	2.00	7,638	1,951	2,147	2,159	1,381	10,465			
Mecklenburg	Freestanding Fixed	F-007167-04	Carolinas Imaging Services - Ballantyne (Carolinas Imaging Services, LLC)	1	1.00	2,163	1,592	571	0	0	2,391			
Mecklenburg	Freestanding Fixed	F-005918-98	Carolinas Imaging Services - Southpark (prev. Morrocroft) (Carolinas Imaging Services, LLC)	1	1.00	2,804	1,977	827	0	0	3,135			
Mecklenburg	Freestanding Fixed	F-005748-97	Novant Health Imaging Southpark (Mecklenburg Diagnostic Imaging, Inc.)	1	1.00	621	520	100	0	0	660			
Mecklenburg	Freestanding Fixed	F-007068-04	Novant Health Imaging Southpark (Mecklenburg Diagnostic Imaging, Inc.)	1	1.00	3,496	2,932	564	0	0	3,722			
Mecklenburg	Freestanding Fixed	F-006698-02	OrthoCarolina Spine Center (OrthoCarolina, P.A.)	1	1.00	8,260	6,660	1,600	0	0	8,900			
Mecklenburg	Mobile	F-006734-03	Carolina NeuroSurgery & Spine Associates	0	0.21	1,030	901	129	0	0	1,082			
Mecklenburg	Mobile	F-006734-03	Carolina NeuroSurgery & Spine Associates	0	0.59	2,844	2,042	802	0	0	3,165			
Mecklenburg	Mobile	F-007040-04	Carolinas Imaging Services - Huntersville (Carolinas Imaging Services, LLC)	0	0.31	1,476	1,030	446	0	0	1,654			
Mecklenburg	Mobile	Grandfathered	Carolinas Physician Network (Alliance Healthcare Services)	0	0.02	78	56	22	0	0	87			
Mecklenburg	Mobile	Grandfathered	Carolinas Physician Network (Alliance Healthcare Services)	0	0.19	912	587	325	0	0	1,042			
Mecklenburg	Mobile	Grandfathered	Carolinas Physician Network (Alliance Healthcare Services)	0	0.00	7	3	4	0	0	9			



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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Mecklenburg	Mobile	F-005723-97	Mecklenburg Neurological Associates, P.A. (InSight Imaging)	0	0.34	1,641	833	808	0	0	1,964			
Mecklenburg	Mobile	Grandfathered	Novant Health Imaging Ballantyne (Foundation Health Mobile Imaging LLC)	0	0.02	93	91	2	0	0	94			
Mecklenburg	Mobile	F-006626-02	Novant Health Imaging Ballantyne (Jacksonville Diagnostic Imaging, Inc.)	0	0.31	1,477	1,175	302	0	0	1,598			
Mecklenburg	Mobile	F-006626-02	Novant Health Imaging Steel Creek (Jacksonville Diagnostic Imaging, Inc.)	0	0.12	578	457	121	0	0	626			
Mecklenburg	Mobile	F-007164-04	Novant Health Imaging Steel Creek (Presbyterian Mobile Imaging, LLC)	0	0.00	3	2	1	0	0	3			
Mecklenburg	Mobile	F-006626-02	Novant Health Imaging University (Jacksonville Diagnostic Imaging, Inc.)	0	0.07	350	256	94	0	0	388			
Mecklenburg	Mobile	F-007164-04	Novant Health Imaging University (Presbyterian Mobile Imaging, LLC)	0	0.27	1,304	957	347	0	0	1,443			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina - Ballantyne (OrthoCarolina, P.A.)	0	0.65	3,108	3,108	0	0	0	3,108			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina - Charlotte (Alliance Healthcare Services)	0	0.29	1,393	1,393	0	0	0	1,393			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina - Huntersville (OrthoCarolina, P.A.)	0	0.35	1,667	1,667	0	0	0	1,667			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina - Matthews (Alliance Healthcare Services)	0	0.03	146	146	0	0	0	146			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina - Matthews (Alliance Healthcare Services)	0	0.04	216	216	0	0	0	216			
Mecklenburg	Mobile	Grandfathered	OrthoCarolina Spine Center (Alliance Healthcare Services)	0	0.28	1,323	1,141	182	0	0	1,396			
Mecklenburg	Mobile	F-007987-07	OrthoCarolina Spine Center (OrthoCarolina, P.A.)	0	0.17	794	775	19	0	0	802			
Mecklenburg	Mobile	Grandfathered	Oweida Orthopaedic Associates (Alliance Healthcare Services)	0	0.05	229	229	0	0	0	229			
<b>Mecklenburg</b>				<b>19</b>	<b>23.31</b>	<b>94,174</b>	<b>838</b>	<b>282</b>	<b>28</b>	<b>34</b>	<b>113,484</b>	<b>4,868</b>	<b>4,805</b>	<b>1</b>
Mitchell	Hospital Fixed	D-006866-03	Blue Ridge Regional Hospital, Inc.	1	1.00	1,182	838	282	28	34	1,333			
<b>Mitchell/Yancey</b>				<b>1</b>	<b>1.00</b>	<b>1,182</b>					<b>1,333</b>	<b>1,333</b>	<b>3,775</b>	<b>0</b>
Montgomery	Mobile	H-006104-09	FirstHealth Montgomery Memorial Hospital (FirstHealth of the Carolinas, Inc.)	0	0.20	336	273	52	8	3	362			
<b>Montgomery</b>				<b>0</b>	<b>0.20</b>	<b>336</b>					<b>362</b>	<b>362</b>	<b>1,716</b>	<b>0</b>
Moore	Hospital Fixed	H-005602-97; H-006846-03; H-007097-04	FirstHealth Moore Regional Hospital	3	3.00	12,596	7,410	2,723	1,675	788	14,986			
Moore	Freestanding Fixed	H-006845-03	Pinehurst Surgical Clinic (Alliance Healthcare Services and Pinehurst Surgical Clinic)	1	1.00	4,086	3,557	529	0	0	4,298			
Moore	Freestanding Fixed	H-008365-09	Southern Pines Diagnostic Imaging (Triad Imaging, LLC)	1	1.00	0	0	0	0	0	0			
Moore	Mobile	O-006665-02	Southern Pines Diagnostic Imaging (Cape Fear Mobile Imaging, LLC)	0	0.09	456	304	152	0	0	517			
Moore	Mobile	J-007008-04	Southern Pines Diagnostic Imaging (Foundation Health Mobile Imaging LLC)	0	0.26	1,269	923	346	0	0	1,407			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
<b>Moore</b>				<b>5</b>	<b>5.35</b>	<b>18,407</b>					<b>21,207</b>	<b>3,964</b>	<b>4,805</b>	<b>0</b>
Nash	Hospital Fixed	L-005908-98	Nash General Hospital	2	2.00	4,153	2,208	959	481	512	5,146			
Nash	Freestanding Fixed	L-007499-06	Nash Open MRI (Nash Imaging, LLC)	1	1.00	1,164	768	396	0	0	1,322			
Nash	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.01	61	61	0	0	0	61			
Nash	Mobile	Grandfathered	Carolina Regional Orthopaedics (Alliance Healthcare Services)	0	0.06	260	260	0	0	0	260			
Nash	Mobile	Grandfathered	Carolina Regional Orthopaedics (Alliance Healthcare Services)	0	0.02	79	79	0	0	0	79			
<b>Nash</b>				<b>3</b>	<b>3.09</b>	<b>5,717</b>					<b>6,868</b>	<b>2,223</b>	<b>4,462</b>	<b>0</b>
New Hanover	Hospital Fixed	O-006212-00	New Hanover Regional Medical Center	4	4.00	13,153	5,110	3,945	1,639	2,459	17,354			
New Hanover	Freestanding Fixed	O-007259-05	OrthoWilmington PA	1	1.00	4,265	3,922	343	0	0	4,402			
New Hanover	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.00	20	18	2	0	0	21			
New Hanover	Mobile	Grandfathered	Cape Fear Diagnostic Imaging (Kings Medical Group)	0	0.00	0	0	0	0	0	0			
New Hanover	Mobile	Grandfathered	Delaney Radiologists (InSight Imaging)	0	0.46	2,203	1,051	1,152	0	0	2,664			
New Hanover	Mobile	O-007254-05	Delaney Radiologists (Porter's Neck Imaging, LLC)	0	0.43	2,074	1,229	845	0	0	2,412			
New Hanover	Mobile	O-007254-05	Delaney Radiologists (Porter's Neck Imaging, LLC)	0	0.30	1,431	1,431	0	0	0	1,431			
New Hanover	Mobile	F-007001-04	NHRMC Health & Diagnostics - Military Cutoff (Alliance Healthcare Services)	0	0.09	434	270	164	0	0	500			
New Hanover	Mobile	F-007001-04	NHRMC Health & Diagnostics - Porter's Neck (Alliance Healthcare Services)	0	0.10	486	321	165	0	0	552			
New Hanover	Mobile	G-007038-04	WHA Medical Clinic (Alliance Healthcare Services)	0	0.10	468	296	172	0	0	537			
New Hanover	Mobile	Grandfathered	WHA Medical Clinic (Alliance Healthcare Services)	0	0.49	2,333	1,440	893	0	0	2,690			
<b>New Hanover</b>				<b>5</b>	<b>6.97</b>	<b>26,867</b>					<b>32,562</b>	<b>4,672</b>	<b>4,805</b>	<b>0</b>
Onslow	Hospital Fixed		Onslow Memorial Hospital, Inc.	1	1.00	3,389	1,574	1,232	350	233	4,208			
Onslow	Freestanding Fixed	P-007324-05	Coastal Diagnostic Imaging (Jacksonville Diagnostic Imaging, Inc.)	1	1.00	2,994	2,471	473	0	0	3,133			
Onslow	Freestanding Fixed	P-008326-09	Coastal Diagnostic Imaging (Jacksonville Diagnostic Imaging, Inc.)	1	1.00	0	0	0	0	0	0			
Onslow	Mobile	O-006434-01	Coastal Diagnostic Imaging (Cape Fear Diagnostic Imaging, Inc.)	0	0.49	2,194	1,825	369	0	0	2,342			
Onslow	Mobile	Grandfathered	Onslow Memorial Hospital (Alliance Healthcare Services)	0	0.06	283	280	0	3	0	284			
<b>Onslow</b>				<b>3</b>	<b>3.55</b>	<b>8,860</b>					<b>9,967</b>	<b>2,808</b>	<b>4,462</b>	<b>0</b>
Orange	Hospital Fixed	J-5900-98; J-7028-04; J-7301-05; J-8136-08; J-8271-08; J-8391-09	University of North Carolina Hospital	8	8.00	32,130	8,346	16,584	1,782	5,418	43,811			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Orange	Freestanding Fixed	Grandfathered	Wake Radiology Chapel Hill (Chapel Hill Diagnostic Imaging)	1	1.00	1,319	923	396	0	0	1,477			
<b>Orange</b>				<b>9</b>	<b>9.00</b>	<b>33,449</b>					<b>45,288</b>	<b>5,032</b>	<b>4,805</b>	<b>1</b>
Pasquotank	Hospital Fixed	R-007623-06	Albemarle Health: A Vidant Partner in Health	2	2.00	3,226	1,995	775	276	180	3,790			
<b>Pasquotank/Camden/Currituck/Perquimans</b>				<b>2</b>	<b>2.00</b>	<b>3,226</b>					<b>3,790</b>	<b>1,895</b>	<b>4,118</b>	<b>0</b>
Pender	Mobile	Grandfathered	Pender Memorial Hospital (Alliance Healthcare Services)	0	0.00	5	5	0	0	0	5			
Pender	Mobile	F-007001-04	Pender Memorial Hospital (Alliance Healthcare Services)	0	0.03	50	26	20	2	2	60			
Pender	Mobile	Grandfathered	Pender Memorial Hospital (Alliance Healthcare Services)	0	0.11	191	132	50	5	4	216			
Pender	Mobile	Grandfathered	Pender Memorial Hospital (Alliance Healthcare Services)	0	0.00	5	5	0	0	0	5			
<b>Pender</b>				<b>0</b>	<b>0.14</b>	<b>251</b>					<b>287</b>	<b>287</b>	<b>1,716</b>	<b>0</b>
Person	Mobile	Grandfathered	Person Memorial Hospital (Alliance Healthcare Services)	0	0.02	38	24	5	7	2	44			
Person	Mobile	Grandfathered	Person Memorial Hospital (Alliance Healthcare Services)	0	0.01	19	15	4	0	0	21			
Person	Mobile	G-007038-04	Person Memorial Hospital (Alliance Healthcare Services)	0	0.24	404	268	81	34	21	467			
Person	Mobile	Grandfathered	Person Memorial Hospital (Alliance Healthcare Services)	0	0.17	297	209	57	21	10	336			
Person	Mobile	Grandfathered	Person Memorial Hospital (Alliance Healthcare Services)	0	0.09	161	115	38	6	3	182			
<b>Person</b>				<b>0</b>	<b>0.53</b>	<b>919</b>					<b>1,050</b>	<b>1,050</b>	<b>1,716</b>	<b>0</b>
Pitt	Hospital Fixed	Q-005898-98; Q-006709-02; Q-007658-06; Q-008671-11	Vidant Medical Center	4	4.00	11,222	2,261	2,166	3,221	3,574	16,236			
Pitt	Freestanding Fixed		Greenville MRI (Greenville MRI LLC)	1	1.00	5,388	3,506	1,882	0	0	6,141			
Pitt	Freestanding Fixed	Q-006854-03	Greenville MRI (Greenville MRI LLC)	1	1.00	3,593	2,338	1,255	0	0	4,095			
Pitt	Freestanding Fixed		MRI of Eastern Carolina (East Carolina Neurology)	1	1.00	5,047	3,678	1,369	0	0	5,595			
Pitt	Freestanding Fixed	Grandfathered	Physicians East (Kings Medical Group)	1	1.00	2,296	2,273	23	0	0	2,305			
Pitt	Mobile	Grandfathered	Orthopaedics East & Sports Medicine (Alliance Healthcare Services)	0	0.25	1,207	1,167	40	0	0	1,223			
Pitt	Mobile	Grandfathered	Orthopaedics East & Sports Medicine Center (Alliance Healthcare Services)	0	0.00	8	8	0	0	0	8			
<b>Pitt/Greene/Hyde/Tyrell</b>				<b>8</b>	<b>8.25</b>	<b>28,761</b>					<b>35,603</b>	<b>4,315</b>	<b>4,805</b>	<b>0</b>
Polk	Mobile	F-006868-03	St. Luke's Hospital (Carolinas Imaging Services, LLC)	0	0.55	948	774	137	26	11	1,022			
<b>Polk</b>				<b>0</b>	<b>0.55</b>	<b>948</b>					<b>1,022</b>	<b>1,022</b>	<b>1,716</b>	<b>0</b>
Randolph	Hospital Fixed	G-006817-03; G-008342-09	Randolph Hospital	2	2.00	4,172	2,810	910	231	221	4,805			
<b>Randolph</b>				<b>2</b>	<b>2.00</b>	<b>4,172</b>					<b>4,805</b>	<b>2,403</b>	<b>4,118</b>	<b>0</b>

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Magnet Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Richmond	Hospital Fixed	H-008193-08	Sandhills Regional Medical Center	1	1.00	467	255	93	98	21	560			
Richmond	Mobile	H-006104-09	FirstHealth Richmond Memorial Hospital (FirstHealth of the Carolinas, Inc.)	0	0.40	1,519	1,221	218	66	14	1,644			
<b>Richmond</b>				<b>1</b>	<b>1.40</b>	<b>1,986</b>					<b>2,204</b>	<b>1,574</b>	<b>3,775</b>	<b>0</b>
Robeson	Hospital Fixed	N-005496-96; N-006606-02	Southeastern Regional Medical Center	2	2.00	6,598	3,226	1,250	1,530	592	8,184			
Robeson	Mobile	O-007340-05	Waccamaw Imaging (Waccamaw Ultrasound & Diagnostics)	0	0.11	442	437	5	0	0	444			
<b>Robeson</b>				<b>2</b>	<b>2.11</b>	<b>7,040</b>					<b>8,628</b>	<b>4,089</b>	<b>4,118</b>	<b>0</b>
Rockingham	Hospital Fixed	G-006691-02	Annie Penn Hospital	1	1.00	2,519	1,426	627	341	92	2,947			
Rockingham	Hospital Fixed	G-006297-00	Morehead Memorial Hospital	1	1.00	2,564	1,634	591	231	108	2,979			
<b>Rockingham</b>				<b>2</b>	<b>2.00</b>	<b>5,083</b>					<b>5,926</b>	<b>2,963</b>	<b>4,118</b>	<b>0</b>
Rowan	Hospital Fixed	F-005829-98; F-006919-03; F-008314-09	Novant Health Rowan Medical Center	4	4.00	8,172	5,527	1,536	885	224	9,320			
Rowan	Mobile	Grandfathered	Pinnacle Orthopedic Associates (Alliance Healthcare Services)	0	0.04	179	179	0	0	0	179			
Rowan	Mobile	Grandfathered	Pinnacle Orthopedic Associates (Alliance Healthcare Services)	0	0.02	86	86	0	0	0	86			
Rowan	Mobile	F-007164-04	Romedical Center (Presbyterian Mobile Imaging, LLC)	0	0.02	75	75	0	0	0	75			
Rowan	Mobile	Grandfathered	Rowan Regional Medical Park (Foundation Health Mobile Imaging LLC)	0	0.02	75	75	0	0	0	75			
<b>Rowan</b>				<b>4</b>	<b>4.10</b>	<b>8,587</b>					<b>9,735</b>	<b>2,374</b>	<b>4,805</b>	<b>0</b>
Rutherford	Hospital Fixed	C-006229-00; C-007298-05; C-008313-09	Rutherford Regional Medical Center	1	1.00	2,909	1,676	848	209	176	3,473			
<b>Rutherford</b>				<b>1</b>	<b>1.00</b>	<b>2,909</b>					<b>3,473</b>	<b>3,473</b>	<b>3,775</b>	<b>0</b>
Sampson	Hospital Fixed	M-007218-05	Sampson Regional Medical Center	1	1.00	1,905	1,515	361	21	8	2,064			
<b>Sampson</b>				<b>1</b>	<b>1.00</b>	<b>1,905</b>					<b>2,064</b>	<b>2,064</b>	<b>3,775</b>	<b>0</b>
Scotland	Hospital Fixed	N-007805-07	Scotland Memorial Hospital	2	2.00	3,297	2,305	448	438	106	3,736			
Scotland	Mobile	Grandfathered	OrthoCarolina (Alliance Healthcare Services)	0	0.22	910	910	0	0	0	910			
<b>Scotland</b>				<b>2</b>	<b>2.22</b>	<b>4,207</b>					<b>4,646</b>	<b>2,093</b>	<b>4,118</b>	<b>0</b>
Stanly	Hospital Fixed	F-007461-06	Stanly Regional Medical Center	1	1.00	2,838	1,730	670	320	118	3,328			
<b>Stanly</b>			No Service Site	<b>1</b>	<b>1.00</b>	<b>2,838</b>					<b>3,328</b>	<b>3,328</b>	<b>3,775</b>	<b>0</b>
<b>Stokes</b>													<b>1,716</b>	<b>0</b>
Surry	Hospital Fixed	G-006792-03	Hugh Chatham Memorial Hospital	1	1.00	2,819	1,710	596	426	87	3,297			
Surry	Hospital Fixed	G-006569-02; G-008115-08	Northern Hospital of Surry County	2	2.00	2,899	2,040	546	227	86	3,277			
<b>Surry</b>				<b>3</b>	<b>3.00</b>	<b>5,718</b>					<b>6,574</b>	<b>2,191</b>	<b>4,462</b>	<b>0</b>

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
<b>Swain</b>			No Service Site										1,716	0
Transylvania	Hospital Fixed	B-007019-04	Transylvania Regional Hospital	1	1.00	1,987	1,467	357	107	56	2,217			
<b>Transylvania</b>				<b>1</b>	<b>1.00</b>	<b>1,987</b>					<b>2,217</b>	<b>2,217</b>	<b>3,775</b>	<b>0</b>
Union	Hospital Fixed	F-005920-98	Carolinas Medical Center-Union	1	1.00	4,327	2,589	745	843	150	5,082			
Union	Freestanding Fixed	F-006972-03	Union West MRI Center (Union Medical Services, LLC)	1	1.00	654	565	89	0	0	690			
Union	Mobile	Grandfathered	Novant Health Imaging Monroe (Foundation Health Mobile Imaging LLC)	0	0.19	763	617	146	0	0	821			
Union	Mobile	F-008237-08	Novant Health Imaging Monroe (Mecklenburg Diagnostic Imaging, Inc.)	0	0.05	208	177	31	0	0	220			
Union	Mobile	Grandfathered	OrthoCarolina (Alliance Healthcare Services)	0	0.17	714	714	0	0	0	714			
Union	Mobile	Grandfathered	OrthoCarolina (Alliance Healthcare Services)	0	0.02	75	75	0	0	0	75			
<b>Union</b>				<b>2</b>	<b>2.43</b>	<b>6,741</b>					<b>7,603</b>	<b>3,129</b>	<b>4,118</b>	<b>0</b>
Vance	Hospital Fixed	K-006527-01; K-007839-07	Maria Parham Medical Center	2	2.00	3,370	1,932	685	450	303	4,066			
Vance	Mobile	M-006605-02	Durham Diagnostic Imaging - Henderson (Mobile Imaging of North Carolina, LLC)	0	0.09	380	380	0	0	0	380			
<b>Vance/Warren</b>				<b>2</b>	<b>2.09</b>	<b>3,750</b>					<b>4,446</b>	<b>2,127</b>	<b>4,118</b>	<b>0</b>
Wake	Hospital Fixed	Grandfathered; J-008529-10	Duke Raleigh Hospital	2	2.00	4,562	1,884	1,726	503	449	5,813			
Wake	Hospital Fixed	J-006932-03	Rex Hospital, Inc.	3	3.00	7,514	2,817	2,246	1,490	961	9,777			
Wake	Hospital Fixed	J-006368-01	WakeMed	2	2.00	9,480	4,546	1,838	2,040	1,056	11,876			
Wake	Hospital Fixed	J-007119-04	WakeMed Cary Hospital	1	1.00	3,658	1,812	829	607	410	4,560			
Wake	Freestanding Fixed	Grandfathered	Raleigh Neurology Associates (Alliance Healthcare Services)	1	1.00	3,661	2,145	1,516	0	0	4,267			
Wake	Freestanding Fixed	Grandfathered	Raleigh Neurology Associates	1	1.00	5,015	2,946	2,069	0	0	5,843			
Wake	Freestanding Fixed	Grandfathered	Raleigh Radiology (Alliance Healthcare Services)	1	1.00	3,658	2,693	695	0	0	3,666			
Wake	Freestanding Fixed	J-007289-05	Raleigh Radiology Cedarhurst (Pinnacle Health Services of NC, LLC)	1	1.00	6,437	4,857	1,580	0	0	7,069			
Wake	Freestanding Fixed	Grandfathered	Wake Radiology Diagnostic Imaging (Alliance Healthcare Services)	1	1.00	2,886	2,044	824	0	0	3,198			
Wake	Freestanding Fixed	Grandfathered	Wake Radiology Garner (Alliance Healthcare Services)	1	1.00	627	473	154	0	0	689			
Wake	Freestanding Fixed	J-005783-97	Wake Radiology Raleigh MRI Center (Wake Radiology Diagnostic Imaging)	1	1.00	2,994	1,727	1,267	0	0	3,501			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Wake	Freestanding Fixed	Grandfathered	Wake Radiology Raleigh MRI Center (Wake Radiology Diagnostic Imaging)	1	1.00	4,051	2,336	1,715	0	0	4,737			
Wake	Mobile	Grandfathered	Carolina Back Institute (InSight Imaging)	0	0.08	403	402	1	0	0	403			
Wake	Mobile	Grandfathered	Cary Diagnostic Radiology [10/1/2011 - 11/30/2011] (Alliance Healthcare Services)	0	0.02	87	60	27	0	0	98			
Wake	Mobile	Grandfathered	Cary Diagnostic Radiology (Alliance Healthcare Services)	0	0.07	337	222	115	0	0	383			
Wake	Mobile	Grandfathered	Cary Diagnostic Radiology (Alliance Healthcare Services)	0	0.00	4	1	3	0	0	5			
Wake	Mobile	Grandfathered	Cary Diagnostic Radiology (Alliance Healthcare Services)	0	0.00	19	12	7	0	0	22			
Wake	Mobile	Grandfathered	Cary Diagnostic Radiology (Alliance Healthcare Services)	0	0.00	23	17	6	0	0	25			
Wake	Mobile	G-007038-04	Cary Diagnostic Radiology (Alliance Healthcare Services)	0	0.01	25	20	5	0	0	27			
Wake	Mobile	Grandfathered	Duke MRI Knightdale (Alliance Healthcare Services)	0	0.07	329	216	113	0	0	374			
Wake	Mobile	Grandfathered	Duke MRI Knightdale (Alliance Healthcare Services)	0	0.07	354	240	114	0	0	400			
Wake	Mobile	Grandfathered	Duke Raleigh Hospital (Alliance Healthcare Services)	0	0.43	2,052	1,118	934	0	0	2,426			
Wake	Mobile	Grandfathered	Duke Raleigh Hospital (Alliance Healthcare Services)	0	0.00	14	9	5	0	0	16			
Wake	Mobile	Grandfathered	Duke Raleigh Hospital (Alliance Healthcare Services)	0	0.00	9	1	8	0	0	12			
Wake	Mobile	Grandfathered	Duke Raleigh Hospital (Alliance Healthcare Services)	0	0.05	228	109	119	0	0	276			
Wake	Mobile	Grandfathered	Duke Raleigh Hospital (Alliance Healthcare Services)	0	0.00	6	5	1	0	0	6			
Wake	Mobile	Grandfathered	MSI Imaging of NC (Alliance Healthcare Services)	0	0.00	4	1	3	0	0	5			
Wake	Mobile	Grandfathered	MSI Imaging of NC (Alliance Healthcare Services)	0	0.01	39	29	10	0	0	43			
Wake	Mobile	Grandfathered	MSI Imaging of NC (Alliance Healthcare Services)	0	0.01	59	41	18	0	0	66			
Wake	Mobile	Grandfathered	MSI Imaging of NC (Alliance Healthcare Services)	0	0.00	6	5	1	0	0	6			
Wake	Mobile	G-007038-04	MSI Imaging of NC (Alliance Healthcare Services)	0	0.00	22	18	4	0	0	24			
Wake	Mobile	Grandfathered	MSI Imaging of NC (Alliance Healthcare Services)	0	0.05	246	196	50	0	0	266			
Wake	Mobile	Grandfathered	MSI Imaging of NC (Alliance Healthcare Services)	0	0.00	4	4	0	0	0	4			
Wake	Mobile	O-006665-02	North Carolina Diagnostic Imaging - Cary (Cape Fear Mobile Imaging, LLC)	0	0.22	1,041	886	155	0	0	1,103			
Wake	Mobile	J-007757-06	Raleigh Orthopaedic Clinic Cary (Raleigh Orthopaedic Clinic, PA)	0	0.14	681	681	0	0	0	681			
Wake	Mobile	J-007757-06	Raleigh Orthopaedic Clinic Garner (Raleigh Orthopaedic Clinic, PA)	0	0.15	728	728	0	0	0	728			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Wake	Mobile	J-007757-06	Raleigh Orthopaedic Clinic Glenwood (Raleigh Orthopaedic Clinic, PA)	0	0.37	1,797	1,779	18	0	0	1,804			
Wake	Mobile	J-007757-06	Raleigh Orthopaedic Clinic North Raleigh (Raleigh Orthopaedic Clinic, PA)	0	0.14	671	671	0	0	0	671			
Wake	Mobile	Grandfathered	Raleigh Radiology (Alliance Healthcare Services)	0	0.57	2,736	2,189	5	0	0	2,196			
Wake	Mobile	O-006665-02	Raleigh Radiology (Cape Fear Mobile Imaging, LLC)	0	0.06	283	209	74	0	0	313			
Wake	Mobile	Grandfathered	Raleigh Radiology (Foundation Health Mobile Imaging LLC)	0	0.01	36	23	13	0	0	41			
Wake	Mobile	Grandfathered	Raleigh Radiology - Wake Forest (InSight Imaging)	0	0.25	1,179	961	218	0	0	1,266			
Wake	Mobile	Grandfathered	Raleigh Radiology Wake Forest [10/1/2011 - 11/5/2011] (InSight Imaging)	0	0.00	22	17	5	0	0	24			
Wake	Mobile	J-007284-05	Rex Healthcare of Wakefield (Rex Hospital, Inc.)	0	0.24	1,144	797	346	0	1	1,283			
Wake	Mobile	Grandfathered	Triangle Orthopaedic Associates (Alliance Healthcare Services)	0	0.00	6	6	0	0	0	6			
Wake	Mobile	J-008453-09	Triangle Orthopaedic Associates	0	0.43	2,074	1,946	128	0	0	2,125			
Wake	Mobile	J-008453-09	Triangle Orthopaedics Associates (Triangle Orthopaedic Associates)	0	0.09	432	432	0	0	0	432			
Wake	Mobile	Grandfathered	Triangle Orthopaedic Associates (Alliance Healthcare Services)	0	0.01	57	57	0	0	0	57			
Wake	Mobile	G-007038-04	Triangle Orthopaedic Associates (Alliance Healthcare Services)	0	0.00	19	18	1	0	0	19			
Wake	Mobile	Grandfathered	Triangle Orthopaedic Associates (Alliance Healthcare Services)	0	0.06	299	296	3	0	0	300			
Wake	Mobile	Grandfathered	Triangle Orthopaedic Associates (Alliance Healthcare Services)	0	0.00	12	12	0	0	0	12			
Wake	Mobile	Grandfathered	Wake Radiology (Alliance Healthcare Services)	0	0.00	4	2	2	0	0	5			
Wake	Mobile	Grandfathered	Wake Radiology Cary (Alliance Healthcare Services)	0	0.19	897	676	121	0	0	845			
Wake	Mobile	J-007012-04	Wake Radiology Cary (Wake Radiology Diagnostic Imaging)	0	0.03	125	106	19	0	0	133			
Wake	Mobile	J-007012-04	Wake Radiology Fuquay-Varina (Wake Radiology Diagnostic Imaging)	0	0.00	19	19	0	0	0	19			
Wake	Mobile	Grandfathered	Wake Radiology Garner (Alliance Healthcare Services)	0	0.05	235	192	43	0	0	252			
Wake	Mobile	J-007012-04	Wake Radiology Garner (Wake Radiology Diagnostic Imaging)	0	0.31	1,489	1,078	411	0	0	1,653			
Wake	Mobile	J-007012-04	Wake Radiology North Raleigh (Wake Radiology Diagnostic Imaging)	0	0.03	157	152	5	0	0	159			
Wake	Mobile	Grandfathered	Wake Radiology Wake Forest (Alliance Healthcare Services)	0	0.11	520	441	79	0	0	552			
Wake	Mobile	J-007012-04	Wake Radiology Wake Forest (Wake Radiology Diagnostic Imaging)	0	0.06	288	221	67	0	0	315			
Wake	Mobile	Grandfathered	WakeMed Apex Healthplex (Alliance Healthcare Services)	0	0.24	1,146	549	334	8	4	1,035			

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

Service Area	Service Type	CON #	Service Site (Provider/Owner)	Fixed Magnet	Fixed Equiv	Total MRI Scans	Outpt No Contrast	Outpt Contrast	Inpt No Contrast	Inpt Contrast	Adjusted Total	Area Avg Procs	Threshold	MRI Need
Wake	Mobile	J-007013-04	WakeMed Brier Creek Healthplex [8/13/2012 - 9/30/2012] (WakeMed Health and Hospitals)	0	0.00	8	8	0	0	0	8			
Wake	Mobile	J-007013-04	WakeMed North Healthplex (WakeMed Health and Hospitals)	0	0.17	839	544	295	0	0	957			
Wake	Mobile	Grandfathered	WakeMed Raleigh Medical Park (Alliance Healthcare Services)	0	0.02	74	53	21	0	0	82			
Wake	Mobile	J-007013-04	WakeMed Raleigh Medical Park [6/26/2012 - 9/30/2012] (WakeMed Health and Hospitals)	0	0.01	71	47	24	0	0	81			
<b>Wake</b>				<b>16</b>	<b>20.83</b>	<b>77,902</b>					<b>89,041</b>	<b>4,275</b>	<b>4,805</b>	<b>0</b>
Washington	Mobile	Grandfathered	Washington County Hospital (Alliance Healthcare Services)	0	0.00	6	3	1	2	0	7			
Washington	Mobile	Q-006884-03	Washington County Hospital (Alliance Healthcare Services & University Health Systems of Eastern NC)	0	0.18	315	249	47	13	6	344			
<b>Washington</b>				<b>0</b>	<b>0.18</b>	<b>321</b>					<b>351</b>	<b>351</b>	<b>1,716</b>	<b>0</b>
Watauga	Hospital Fixed	D-006652-02	Watauga Medical Center	2	2.00	3,070	1,793	883	264	130	3,633			
Watauga	Mobile	Grandfathered	OrthoCarolina - Boone (Alliance Healthcare Services)	0	0.05	229	229	0	0	0	229			
Watauga	Mobile	Grandfathered	OrthoCarolina - Boone (Alliance Healthcare Services)	0	0.12	566	566	0	0	0	566			
<b>Watauga</b>				<b>2</b>	<b>2.17</b>	<b>3,865</b>					<b>4,428</b>	<b>2,040</b>	<b>4,805</b>	<b>0</b>
Wayne	Hospital Fixed	P-006889-03; P-007447-05	Wayne Memorial Hospital, Inc.	2	2.00	6,310	4,238	1,405	456	211	7,223			
Wayne	Mobile	Grandfathered	Atlantic Radiology Associates (Alliance Healthcare Services)	0	0.06	249	242	7	0	0	252			
<b>Wayne</b>				<b>2</b>	<b>2.06</b>	<b>6,559</b>					<b>7,475</b>	<b>3,629</b>	<b>4,118</b>	<b>0</b>
Wilkes	Hospital Fixed	D-005911-98	Wilkes Regional Medical Center	1	1.00	2,697	1,874	474	297	52	3,047			
<b>Wilkes</b>				<b>1</b>	<b>1.00</b>	<b>2,697</b>					<b>3,047</b>	<b>3,047</b>	<b>3,775</b>	<b>0</b>
Wilson	Hospital Fixed		Wilson Medical Center	1	1.00	3,683	1,230	1,490	628	335	4,798			
Wilson	Freestanding Fixed	L-007624-06	WilMed Imaging Services [Procedures reported with Wilson Medical Center]	1	1.00	0	0	0	0	0	0			
Wilson	Freestanding Fixed		Wilson Regional MRI (Wilson Orthopedics and Neurology Center PD)	1	1.00	2,237	1,684	553	0	0	2,458			
<b>Wilson</b>				<b>3</b>	<b>3.00</b>	<b>5,920</b>					<b>7,256</b>	<b>2,419</b>	<b>4,462</b>	<b>0</b>
Yadkin	Mobile	G-006271-00	Yadkin Valley Community Hospital (Alliance Healthcare Services)	0	0.06	103	88	6	8	1	109			
<b>Yadkin</b>				<b>0</b>	<b>0.06</b>	<b>103</b>					<b>109</b>	<b>109</b>	<b>1,716</b>	<b>0</b>





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

Service Area	County	Provider	MRI Scanners
	Durham	Duke University Hospital	2
<p>A certificate of need (J-006511-01) was issued on April 30, 2002 to Duke University Hospital. The certificate of need states that Duke University Health Systems, Inc. shall, pursuant to Policy AC-3 in the 2001 SMFP, convert a research only MRI scanner to clinical research use and acquire a second MRI scanner for clinical research use by the Cardiovascular and Magnetic Resonance Center. These MRI scanners shall only be used for cardiovascular purposes and shall not be counted in the inventory of fixed MRI scanners.</p>			

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

Service Area	County	Provider	MRI Scanners
	Mecklenburg	Charlotte Radiology Breast Center	1
<p>A certificate of need (F-006725-02) was issued on September 24, 2003 to Charlotte Radiology, P.A. The certificate of need states that Charlotte Radiology, P.A., d/b/a Charlotte Radiology Breast Center, shall acquire a dedicated breast MRI scanner.</p>			
	Forsyth	Breast Clinic MRI, LLC	1
<p>A certificate of need (G-007601-06) was issued on November 27, 2006 to Breast MRI Clinic, LLC. The certificate of need states that the center shall acquire a dedicated breast MRI scanner.</p> <p>These MRI scanners shall be used exclusively in mammographic studies and shall not be counted in the inventory of fixed MRI scanners. These MRI scanners shall not be used for general diagnostic purposes, and the projected costs for procedures to patients and payors shall be lower than the costs associated with conventional MRI procedures.</p>			

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

Service Area	County	Provider	MRI Scanners
	Mecklenburg	Carolinas Medical Center	1
<p>A certificate of need (F-007219-05) was issued on August 23, 2005 to Carolinas Medical Center to locate a dedicated pediatric MRI scanner in Levine Children's Hospital. This MRI scanner shall be used exclusively in pediatric studies and shall not be counted in the inventory of fixed MRI scanners. This MRI scanner shall not be used for adult patients, and the projected costs for procedures to patients and payors shall be lower than the costs associated with conventional MRI procedures.</p>			

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

Service Area	County	Provider	MRI Scanners
	Wake	Bone & Joint Surgery Clinic, LLP	1
<p>A certificate of need (J-007605-06) was issued on March 28, 2007 to The Bone and Joint Surgery Clinic, LLP to locate a demonstration project for a fixed extremity MRI scanner. The fixed extremity MRI scanner shall not be counted in the regular inventory of MRI scanners and shall not be used for whole body procedures. In addition, the demonstration project shall be conducted as an organized research study to determine the convenience, cost effectiveness and improved access provided by a fixed extremity MRI scanner. The project shall include a comparative analysis of "total dollars received per procedure" performed on extremity MRI scanners and "total dollars received per procedure" for similar procedures performed on fixed whole body MRI scanners. The purpose of this aspect of the study is to demonstrate any cost savings to the patient or third party payer of the extremity MRI scanner. A mechanism to ensure cost savings must be included in the demonstration project. The recipient of the certificate of need must provide annual reports demonstrating cost savings for a three-year reporting period from the date of installation.</p>			

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

Service Area	County	Provider	MRI Scanners
	Durham	Duke University Hospital	one MRI scanner in operating room suite
	Durham	Duke University Hospital	one MRI scanner dedicated for radiation oncology
	Forsyth	North Carolina Baptist Hospital	one MRI scanner dedicated for radiation oncology
<p>A certificate of need (J-006295-00) was issued to Duke University Hospital for one MRI scanner and another certificate of need (G-006816-03) was issued to North Carolina Baptist Hospital for one MRI, both to be used exclusively for radiation oncology and not be counted in the inventory of fixed MRI scanners. These MRI scanners shall not be used for conventional MRI procedures. In addition, a certificate of need (J-008030-07) was also issued to Duke University Hospital for one MRI to be used in an operating room suite and shall not to be used for clinical diagnostic purposes.</p>			

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

Service Area	County	Provider	MRI Scanners
I, II, III	Mecklenburg	Carolina Neurosurgery & Spine Associates, P.A.	1
IV, V, VI	Durham	Triangle Orthopaedic Associates	1
<p>The North Carolina 2008 State Medical Facilities Plan included an adjusted need determination for two demonstration projects with one multi-position MRI scanner per project. One demonstration project of one multi-position MRI scanner shall be located in the western portion of the state (HSAs I, II, and III). One demonstration project of one multi-position MRI scanner shall be located in the eastern portion of the state (HSAs IV, V and VI). These MRI scanners shall be used exclusively in the demonstration projects, shall not be counted in the inventory of fixed MRI scanners, and shall not be later replaced with conventional MRI scanners. Certificates of need were issued on 10/28/2008 to Triangle Orthopaedic Associates, PA. (J-008107-08), and to Carolina Neurosurgery &amp; Spine Associates, P.A. on 3/9/2009 (F-008106-08).</p>			

### Need Determination

Application of the standard methodology for the North Carolina 2014 State Medical Facilities Plan determined there is a need for one additional fixed MRI scanner in Mecklenburg County service area and one additional fixed MRI scanner in Orange County service area. The 2013 State Medical Facilities Plan was approved by former Governor Beverly Purdue with an amendment. It stated the 2013 State Medical Facilities Plan and subsequent Plans will show no need for additional MRI scanners in Cumberland County and Hoke County until one of the approved hospitals is licensed in Hoke County. FirstHealth Community Hospital was licensed in October 2013 in the Hoke County service area. In response to a petition from Person Memorial Hospital, an adjusted need determination was approved by the State Health Coordinating Council for one fixed MRI scanner in Person County service area. There is no need anywhere else in the state and no other reviews are scheduled as shown in Table 9R. Further, there is no need for any additional mobile MRI scanners anywhere in the state.

**Table 9R: Fixed MRI Scanner Need Determination**  
*(Scheduled for Certificate of Need Review Commencing in 2014)*

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

Services Areas	Fixed MRI Scanners Need Determination*	Certificate of Need Application Due Date**	Certificate of Need Beginning Review Date
Mecklenburg	1	May 15, 2014	June 1, 2014
Orange	1	August 15, 2014	September 1, 2014
Person***	1	April 15, 2014	May 1, 2014
It is determined that there is no need for additional fixed MRI scanners anywhere else in the state and no other reviews are scheduled.			

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

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

\*\*\* The need determination in the Person County service area is in response to a petition that was approved by the State Health Coordinating Council.