



UNIVERSITY HEALTH SYSTEMS  
of Eastern Carolina<sup>SM</sup>

DFS Health Planning  
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Medical Facilities  
PLANNING SECTION

OFFICE OF PLANNING

August 6, 2008

Ms. Carol Potter, Planning Analyst, Medical Facilities Planning Section  
Division of Health Service Regulation, Dept. of Health and Human Services  
2704 Mail Service Center  
Raleigh, NC 27699-2704

Re: Errors in Proposed 2009 State Medical Facilities Plan

Dear Ms. Potter:

This memo serves as notification of a number of data errors in the proposed 2009 State Medical Facilities Plan (SMFP), specifically, Table 9J (MRI Procedures by MRI Service Areas) contains duplicated MRI scan data for two MRI service areas. A third error exists in Table 9J – Service Area Procedures for Duplin County. A fourth error exists in Table 6E – Hospital and Ambulatory Surgery Facility Tiers case time.

Table 9J – Chowan/Tyrrell County MRI Service Area

Chowan Hospital (CH) has one mobile MRI unit serving the hospital. The total MRI volumes for the Chowan/Tyrrell MRI Service Area have been double counted. Data listed in Table 9J as “Chowan Hospital – UHS – Alliance Mobile” represents MRI scans performed at CH by the Alliance/UHS mobile MRI unit and reported on Alliance’s required annual inventory report. Data listed in Table 9J as “Chowan Hospital” represents MRI scans performed at CH by the same Alliance/UHS mobile MRI unit and reported (as required by the state) on CH’s annual license application. CH has indicated on the hospital’s license application that these scans were performed on the Alliance scanner (see attached excerpt from Chowan Hospital’s 2008 license application). The small variance between the two data sources (each representing the total number of scans performed at CH) is the difference between Alliance’s report of total scans performed and CH’s report of billed scans only. ***The correct number of MRI scans for the Chowan/Tyrrell MRI Service Area is 1,309.***

Table 9J – Gates/Hertford County MRI Service Area

The total MRI volumes for this MRI Service Area have been double counted. During FY2007, Roanoke-Chowan Hospital (RCH) transitioned from a mobile MRI unit, “Roanoke-Chowan Hospital UHS Mobile,” to a fixed MRI unit, “Roanoke-Chowan Hospital”. Data listed in Table 9J as “Roanoke-Chowan Hospital – UHS Mobile” represents MRI scans performed at RCH by the Alliance/UHS mobile MRI unit and reported on Alliance’s required annual inventory report. Data listed in Table 9J as “Roanoke-Chowan Hospital - SMT” represents MRI scans performed at RCH by the

same Alliance/UHS mobile MRI unit. Additionally, the table lists MRI scans as "Roanoke-Chowan Hospital" which represents MRI scans performed on the newly installed fixed MRI unit and reported (as required by the state) on RCH's annual license application. RCH correctly indicated on their license application the MRI scans performed on the new fixed and the "SMT" scanner (see attached excerpt from Roanoke-Chowan Hospital's 2008 license application). The small variance between the hospital's mobile data and Alliance's mobile data is the difference between Alliance's report of total scans performed and RCH's report of billed scans only. **The correct number of MRI scans for the Gates/Hertford County MRI Service Area is 2,072 (UHS/Alliance Mobile Unit = 1,934; New Fixed Unit = 138).**

Table 9J – Duplin County MRI Service Area

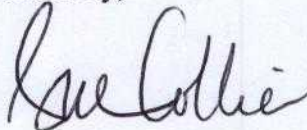
Two separate mobile MRI units operated at two different sites in the Duplin County MRI Service Area in FY2007. The combination of scans performed at these two sites is still only a fraction (0.76) of a fixed equivalent magnet. In reviewing other MRI Service Areas with less than 1.0 fixed equivalent magnets, it appears that the "select area average procedure" volume should equal the total scans performed in that MRI Service Area. **Therefore, the correct "Service Area Average Procedure" volume for the Duplin County MRI Service Area is 1,544.**

Table 6E – Hospital and Ambulatory Surgery Facility Tiers

Pitt County Memorial Hospital's (PCMH) average case time should be 198 minutes for inpatient cases and 163 minutes for ambulatory cases assuming "average case times" include room set-up, clean-up and turnaround time for each case. Additionally, the average case time for SurgiCenter Services of Pitt, Inc. should be 75 minutes.

Please feel free to contact me if you have questions or need additional clarification.

Sincerely,



Sue Collier, Vice President, Planning & Strategic Development  
University Health Systems of Eastern Carolina

Attachments

All responses should pertain to October 1, 2006 through September 30, 2007.

**10a. Diagnostic Imaging and Lithotripsy Data**

Indicate the number of machines/instruments and the number of the following types of procedures performed during the 12-month reporting period at your facility. For Hospitals that operate medical equipment at multiple sites, please provide a separate page for each site.

Imaging	Number of Units	No. of Procedures		Total	No. of MRI Procedures *		
		Inpatient	Outpatient		With Contrast or Sedation	Without Contrast or Sedation	Total
<b>Magnetic Resonance Imaging</b>							
<b>Fixed MRI Scanners</b>							
Open MRI Scanners included in row above							
MRI pursuant to Policy AC-3:							
Other Human Research MRI Scanner							
<b>MRI Mobile Equipment</b>							
Identify Vendor/Owner in space ( ) below:							
MRI #1	Number of Units	Inpatient	Outpatient	Total	With Contrast or Sedation	Without Contrast or Sedation	Total
(Alliance Imaging)	1	106	1203	1309	375	934	1309
MRI #2							
CT Scanner (Fixed or Mobile)	1	805	3430	4235	Note: *Totals of MRI inpatients and and without contrast or sedation.		
CT Scanner HECT Units		1137	5495	6632			
Mammogram	1	6	2389	2395			
Fixed Other Radiographic&Fluoroscopic		2073	9681	11754			
<b>Nuclear Medicine</b>							
<b>PET Scanners</b>							
Dedicated Fixed PET Scanner							
Mobile PET Scanner Vendor ( )							
PET pursuant to Policy AC-3							
Other Human Research PET Scanner							
<b>Other Nuclear Medicine</b>							
Coincidence Camera							
Mobile Coincidence Camera Vendor ( )							
SPECT							
Mobile SPECT Vendor ( )							
Gamma Camera							
Mobile Gamma Camera Vendor ( )							
<b>Lithotripsy</b>							
[Identify Vendor/Owner in space ( ) below:]							
Fixed							
Mobile (Carolina Lithotripsy)							
	Number of Units	Inpatient	Outpatient	Total			
	1	0	44	44			

**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. **NOTE:** Please Report ALL Angiography procedures on page 10, in Table 9 under Special Procedures/Angiography Rooms.

**PET procedure** is defined as a single discrete PET scan of a patient (single CPT coded procedure), not counting other radiopharmaceutical or supply charge codes.

**Table 9J: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - North Carolina Proposed 2009 State Medical Facilities Plan - TOTALS with Tiered and % Mobile Equivalents**

MRI - Acute Care Service Area	Facility	Fixed MRI Magnets	Fixed Equivalent Magnets	Total MRI Scans	Inpt MRI	Outpt MRI	Contrast	No Contrast	Total MRI	Inpt Adjust	Contrast Adjust	Adjusted Total	Service Area Average Procedures	Threshold	MRI Need
Cabarrus	North-East Medical Center	4	4.00	21,720	5,867	15,853	10,411	11,309	21,720	2,347	4,164	28,231			
Cabarrus	Insight - Northeast Orthopaedic	A1	0.23	942	0	942	48	893	942	0	20				
Cabarrus	2007 SMFP Need Determination	1	1.00												
Cabarrus	Total	7	7.23	26,288								30,993	4,287	4,805	0
Caldwell	Caldwell Memorial	1	1.00	2,802	416	2,386	405	2,397	2,802	166	162	3,130	3,130	3,775	0
Caldwell	Total	1	1.00	2,802								3,130	3,130	3,775	0
Carteret	Atlantic Diagnostic - Alliance Imaging	A1	0.39	1,455	0	1,455	285	1,170	1,455	0	114	1,569			
Carteret	*Capital Neuroscience - Alliance Imaging	A1	1.00	3,118	675	2,443	1,429	1,689	3,118	270	572	3,960			
Carteret	Carteret General Hospital	1	1.00												
Carteret	3 Carteret General Imaging - WakeMed	A1	0.07	261	0	261	120	141	261	0	48	309			
Carteret	Mobile	A1	0.01	32	0	32	4	28	32	0	2	34			
Carteret	5 Insight Health - Atlantic Diagnostic	A1	0.00												
Carteret	5 Insight Health - Capital Neuroscience	A1	1.00												
Carteret	2008 SMFP Need Determination	2	2.46	4,866								5,871	2,384	3,775	0
Carteret	Total	2	2.46	4,866								5,871	2,384	3,775	0
Catawba	*Carolina Orthopaedics - Alliance Imaging	A1	0.45	2,176	0	2,176	295	1,882	2,177	0	118	2,295			
Catawba	*Hickory Orthopaedic - Alliance Imaging	A1	0.26	1,260	4	1,257	146	1,116	1,262	2	58	1,322			
Catawba	8 *FryeCare	A1	0.60	2,906	0	2,906	1,168	1,738	2,906	0	487	3,373			
Catawba	Catawba Valley Medical Center	1	1.00	6,487	858	5,729	2,551	3,936	6,487	343	1,020	7,851			
Catawba	Frye Regional Medical Center	2	2.00	7,800	1,150	6,650	3,022	4,778	7,800	460	1,209	9,469			
Catawba	Mecklenburg Diagnostic - Alliance Imaging	A1	0.00							0	0	0			
Catawba	2005 SMFP Need Determination	1	1.00												
Catawba	7 Assigned Equivalency % for New mobile scanner	A1	0.50	20,629								24,310	4,177	4,805	0
Catawba	Total	4	5.82	20,629								24,310	4,177	4,805	0
Chatham	3 Assigned Equivalency % for New mobile scanner	A1	0.20	568	26	540	147	321	468	11	59	538			
Chatham	Chatham Hospital	A1	0.33	568											
Chatham	Total	A1	0.53	568								538	538	1,716	0
Clay	No Hospital														
Graham	No Hospital														
Cherokee	Murphy Medical Center	1	1	1,672	45	1,627	445	1,227	1,672	18	178	1,868	1,868	3,775	0
Tyrrell	No Hospital														
Chowan	11 Chowan Hospital - UHS - Alliance mobile	A1	0.76	1,309	106	1,203	375	934	1,309	42	150	1,501			
Chowan	Chowan Hospital (CPT -19)	A1	0.75	1,288	93	1,195	349	393	742	37	140	919			
Chowan	2008 SMFP Need Determination	1	1.00												
Chowan	Total	1	2.51	2,597	813	4,182	2,048	2,947	4,995	325	819	6,139			
Cleveland	Cleveland Regional Medical Center mobile scanner	A1	0.42	1,121	102	1,019	386	734	1,120	41	154	1,315			
Cleveland	6 Assigned Equivalency % for New mobile scanner	A1	1.00	384	0	384	0	384	384	0	0	384			
Cleveland	Kings Mountain Hospital	A1	0.22	384	0	384	0	384	384	0	0	384			
Cleveland	*Miller Orthopaedic	2	2.84	5,500								7,839	2,965	4,118	0
Cleveland	Total	2	2.84	5,500								7,839	2,965	4,118	0
Columbus	*Atlantic Radiology (Professional Diagn. Serv.)	A1	0.01	53	0	53	16	37	53	0	6	59			
Columbus	Chadbourne Family Medicine	A1	1.00	3,093	361	2,732	0	0	2,732	144	0	0			
Columbus	Columbus County Hospital (CPT)	1	1.00	1,027	1	1,023	141	886	1,027	0	56	1,084			
Columbus	Waccamaw Imaging	2	2.01	4,173								1,288	640	4,118	0
Columbus	Total	2	2.01	4,173								1,288	640	4,118	0
Jones	*Eastern Carolina Internal Medicine	A1	0.13	596	1	595	182	414	596	0	73	669			
Pamlico	No Hospital														
Craven	*Coastal Carolina Health Care, P.A.	1	1.00	5,517	0	5,517	1,455	4,062	5,517	0	582	6,099			
Craven	Craven Regional Medical Center	2	2.00	6,328	1,873	4,455	3,023	3,305	6,328	749	1,209	8,286			
Craven	2008 SMFP Need Determination	1	1.00												
Craven	Total	4	4.13	12,441								15,055	3,764	4,462	0

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**10a. Diagnostic Imaging and Lithotripsy Data**

Indicate the number of machines/instruments and the number of the following types of procedures performed during the 12-month reporting period at your facility. For Hospitals that operate medical equipment at multiple sites, please provide a separate page for each site.

Imaging	Number of Units	No. of Procedures			No. of MRI Procedures *			
		Inpatient	Outpatient	Total	With Contrast or Sedation	Without Contrast or Sedation	Total	
<b>Magnetic Resonance Imaging</b>								
<b>Fixed MRI Scanners</b>	1	18	120	138	25	113	138	
Open MRI Scanners included in row above								
MRI pursuant to Policy AC-3:								
Other Human Research MRI Scanner								
<b>MRI Mobile Equipment</b>								
Identify Vendor/Owner in space ( ) below:	Number of Units	No. of Procedures			With Contrast or Sedation	Without Contrast or Sedation	Total	
MRI #1 ( SMT )	1	312	1622	1,934	490	1,444	1,934	
MRI #2 ( )								
CT Scanner (Fixed or Mobile)	1	2,199	5,599	7,798	Note: * Totals of MRI inpatients and and without contrast or sedation.			
CT Scanner HECT Units		3,009	8,488	11,497				
Mammogram	1	2	3,957	3,959				
Fixed Other Radiographic&Fluoroscopic	6	5,327	15,657	20,984				
<b>Nuclear Medicine</b>								
<b>PET Scanners</b>	Number of Units	No. of Procedures						Total
Dedicated Fixed PET Scanner								
Mobile PET Scanner Vendor ( )								
PET pursuant to Policy AC-3								
Other Human Research PET Scanner								
<b>Other Nuclear Medicine</b>								
Coincidence Camera								
Mobile Coincidence Camera Vendor ( )								
SPECT								
Mobile SPECT Vendor ( )								
Gamma Camera	1	360	1,129	1,489				
Mobile Gamma Camera Vendor ( )								
<b>Lithotripsy</b>								
[Identify Vendor/Owner in space ( ) below:]	Number of Units	No. of Procedures						Total
Fixed								
Mobile ( PRIME MEDICAL )	1	0	11	11				

**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. **NOTE:** Please Report ALL Angiography procedures on page 10, in Table 9 under Special Procedures/Angiography Rooms. *Effective 9-11-2007: unit is I/H and fixed.*

**PET procedure** is defined as a single discrete PET scan of a patient (single CPT coded procedure), not counting other radiopharmaceutical or supply charge codes.

**Table 9J: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - North Carolina Proposed 2009 State Medical Facilities Plan - TOTALS with Tiered and % Mobile Equivalents**

MRI - Acute Care Service Area	Facility	Fixed MRI Magnets	Fixed Equivalent Magnets	Total MRI Scans	Inpt MRI	Outpt MRI	Contrast	No Contrast	Total MRI Adjust	Inpt Adjust	Contrast Adjust	Adjusted Total	Service Area Average Procedures	Threshold	MRI Need
Haywood	Haywood Regional Medical Center	2	2.00	4,793	527	4,266	2,221	2,572	4,793	211	868	5,892	2,946	4,118	0
Haywood	Total	2	2.00	4,793	527	4,266	2,221	2,572	4,793	211	868	5,892	2,946	4,118	0
Henderson	Margaret R. Pardee Memorial Hospital (CPT)	2	2.00	6,901	639	6,262	2,034	4,867	6,901	256	814	7,970	0	0	0
Henderson	Southern Orthopaedic & Musculoskeletal	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Henderson	Fletcher Hospital - Park Ridge Hospital	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Henderson	Fletcher Hospital - Fletcher Town Hall	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Henderson	Park Ridge Hospital	1	1.00	2,484	364	2,120	1,186	1,298	2,484	146	474	3,104	3,691	4,462	0
Henderson	Total	3	3.00	9,385	0	0	0	0	0	0	0	0	0	0	0
Gates	*Gates Medical Center	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Hertford	11 Roanoke-Chowan Hospital UHS Mobile	*1	0.49	1,866	304	1,562	435	1,431	1,866	122	174	2,162	0	0	0
Hertford	Alliance Temp Unit	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Hertford	Roanoke-Chowan Hospital	1	1.00	138	18	120	25	113	138	7	10	155	0	0	0
Hertford	*Roanoke-Chowan Hospital - SMT	*1	0.51	1,934	312	1,622	490	1,444	1,934	125	196	2,255	0	0	0
Hertford	Total	1	2.01	3,838	0	0	0	0	0	0	0	0	0	0	0
Hertford/ Gates	Total	1	2.01	3,838	0	0	0	0	0	0	0	0	0	0	0
Iredell	*Piedmont Healthcare / Alliance Imaging	1	1.00	7,646	0	7,646	1,441	6,245	7,646	0	576	8,262	0	0	0
Iredell	*Carolina Specialty Care	*1	0.08	396	0	396	0	396	396	0	0	396	0	0	0
Iredell	Davis Regional Medical Center	1	1.00	2,790	688	2,092	938	1,852	2,790	279	375	3,444	0	0	0
Iredell	Iredell Memorial Hospital	1	1.00	4,495	1,079	3,416	2,149	2,346	4,495	432	860	5,795	0	0	0
Iredell	Lake Norman Regional Medical Center (CPT-43)	2	2.00	5,296	681	4,615	1,513	3,783	5,296	272	605	6,174	0	0	0
Iredell	Total	5	5.08	20,623	251	3,226	1,162	2,325	3,487	100	465	4,052	0	0	0
Jackson	Harris Regional Hospital	1	1.00	3,477	0	3,477	0	3,477	3,477	0	0	3,477	0	0	0
Jackson	2008 SMFP Need Determination	1	1.00	3,477	0	3,477	0	3,477	3,477	0	0	3,477	0	0	0
Jackson	Total	2	2.00	3,477	0	3,477	0	3,477	3,477	0	0	3,477	0	0	0
Johnston	*Eastern Carolina Medical Center - Alliance	*1	0.08	346	0	346	46	300	346	0	18	364	0	0	0
Johnston	Johnston Memorial Hospital	1	1.00	4,894	1,266	3,628	1,426	3,468	4,894	506	570	5,971	0	0	0
Johnston	2007 SMFP Need Determination	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Johnston	Total	2	2.08	5,240	452	2,109	1,155	1,406	2,561	181	462	3,204	0	0	0
Lee	Central Carolina Hospital	1	1.00	2,561	0	2,561	0	2,561	2,561	0	0	2,561	0	0	0
Lenoir	*Kinston Orthopaedics	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Lenoir	Lenoir Memorial Hospital	1	1.00	3,658	963	2,695	1,324	2,334	3,658	385	530	4,573	0	0	0
Lenoir	2008 SMFP Need Determination	1	1.00	3,658	0	3,658	0	3,658	3,658	0	0	3,658	0	0	0
Lenoir	Total	2	2.00	3,658	0	3,658	0	3,658	3,658	0	0	3,658	0	0	0
Lincoln	*Lincoln Radiology	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Lincoln	*9 CIS Mobile - CMC-Lincoln	*1	1.00	2,167	306	1,861	771	1,396	2,167	122	308	2,598	0	0	0
Lincoln	*7 BRRA Mobile - Blue Ridge Radiology	*1	0.18	305	0	305	51	254	305	0	20	325	0	0	0
Lincoln	2008 SMFP Need Determination	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Lincoln	Total	1	2.18	2,472	306	1,861	771	1,396	2,167	122	308	2,598	0	0	0
Macon	Angel Medical Center	1	1.00	1,839	82	1,757	669	1,170	1,839	33	268	2,139	0	0	0
Macon	Highlands-Cashiers	1	1.00	506	6	498	107	399	506	3	43	552	0	0	0
Macon	Total	2	2.00	2,345	88	2,259	776	1,569	2,345	36	311	2,691	0	0	0
Martin	*Marth General Hospital - Alliance	*1	0.36	612	17	595	0	0	612	7	0	619	0	0	0
McDowell	The McDowell Hospital	1	1.00	2,023	26	1,997	361	1,662	2,023	10	144	2,178	0	0	0
McDowell	The McDowell Hospital - Alliance	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
McDowell	Marion Correction Institute	*1	0.00	0	0	0	0	0	0	0	0	0	0	0	0
McDowell	Total	1	1.00	2,023	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL		67	81.81	263,214	0	0	0	0	0	0	0	0	0	0	0
Mecklenburg	*Presbyterian Carolinas Integrated Healthcare	1	1.00	1,331	0	1,331	404	927	1,331	0	162	1,493	0	0	0
Mecklenburg	*Charlotte Radiology / Diagnostic Imaging Center	2	2.00	4,710	0	4,710	1,500	3,211	4,710	0	600	5,311	0	0	0
Mecklenburg	*Mecklenburg Diagnostic Imaging - MedQuest	1	1.00	5,087	0	5,087	1,384	3,703	5,087	0	554	5,641	0	0	0
Mecklenburg	*Ortho Carolina - 1915 Randolph Rd.	1	1.00	7,907	0	7,907	725	7,182	7,907	0	290	8,197	0	0	0

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Indicate the number of machines/instruments and the number of the following types of procedures performed during the 12-month reporting period at your facility. For Hospitals that operate medical equipment at multiple sites, please provide a separate page for each site.

Imaging	Number of Units	No. of Procedures			No. of MRI Procedures *		
		Inpatient	Outpatient	Total	With Contrast or Sedation	Without Contrast or Sedation	Total
<b>Magnetic Resonance Imaging</b>	0	0	0	0			
<b>Fixed MRI Scanners</b>	0	0	0	0	0	0	0
Open MRI Scanners included in row above	0						
MRI pursuant to Policy AC-3:	0	0	0	0	0	0	0
Other Human Research MRI Scanner	0	0	0	0	0	0	0
<b>MRI Mobile Equipment</b>	Number of Units	No. of Procedures			With Contrast or Sedation	Without Contrast or Sedation	Total
[Identify Vendor/Owner in space ( ) below:]		Inpatient	Outpatient	Total			
MRI #1 (Alliance Imaging )	1	180	962	1142	405	737	1142
MRI #2 ( )	0	0	0	0	0	0	0
<b>CT Scanner (Fixed or Mobile)</b>	1	610	4793	5403	Note: *Totals of MRI inpatients and and without contrast or sedation.		
<b>CT Scanner HECT Units</b>		0	0				
<b>Mammogram</b>	1	3	2033	2036			
<b>Fixed Other Radiographic&amp;Fluoroscopic</b>	5	3856	1478	18034			
<b>Nuclear Medicine</b>	Number of Units	No. of Procedures					
<b>PET Scanners</b>		Inpatient	Outpatient	Total			
Dedicated Fixed PET Scanner	0	0	0	0			
Mobile PET Scanner Vendor ( )	0	0	0	0			
PET pursuant to Policy AC-3	0	0	0	0			
Other Human Research PET Scanner	0	0	0	0			
<b>Other Nuclear Medicine</b>	0	0	0	0			
Coincidence Camera	0	0	0	0			
Mobile Coincidence Camera Vendor ( )	0	0	0	0			
SPECT	0	0	0	0			
Mobile SPECT Vendor ( )	0	0	0	0			
Gamma Camera	0	0	0	0			
Mobile Gamma Camera Vendor ( )	0	0	0	0			
<b>Lithotripsy</b>	Number of Units	No. of Procedures					
[Identify Vendor/Owner in space ( ) below:]		Inpatient	Outpatient	Total			
Fixed	0	0	0	0			
Mobile ( )	0	0	0	0			

**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. **NOTE:** Please Report ALL Angiography procedures on page 10, in Table 9 under Special Procedures/Angiography Rooms.

**PET procedure** is defined as a single discrete PET scan of a patient (single CPT coded procedure), not counting other radiopharmaceutical or supply charge codes.

Table 9J: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - North Carolina Proposed 2009 State Medical Facilities Plan - TOTALS with Tiered and % Mobile Equivalents															
MRI - Acute Care Service Area	Facility	Fixed MRI Magnets	Fixed Equivalent Magnets	Total MRI Scans	Inpt MRI	Output MRI	Contrast	No Contrast	Total MRI	Inpt Adjust	Contrast Adjust	Adjusted Total	Service Area Average Procedures	MRI Threshold	MRI Need
Cumberland	* Carolina Imaging, Inc. of Fayetteville MedQuest	1	1.00	13,605	34	13,571	2,829	10,776	13,605	14	1,132	14,750			
Cumberland	* HealthSouth Diagnostic Center of Fayetteville	1	1.00	5,193	0	5,193	1,193	4,000	5,193	0	477	5,670			
Cumberland	* HealthSouth Open MRI of Fayetteville (O-1)	1	1.00	1,720	0	1,720	345	1,375	1,720	0	138	1,858			
Cumberland	* PDS Fayetteville	A1	0.00	530	0	531	105	429	564	0	42	606			
Cumberland	* Atlantic Radiology Associates	A1	0.56	2,694	1	2,693	715	1,979	2,694	0	286	2,980			
Cumberland	* Cross Creek Imaging	2	2.00	8,637	3,752	4,885	4,990	3,647	8,637	1,501	1,996	12,134			
Cumberland	Cape Fear Valley Medical Center	0	0.00	0	0	0	0	0	0	0	0	0			
Cumberland	Fayetteville Specialty Hospital	1	1.00	1,354	0	1,354	258	1,096	1,354	0	103	1,457			
Cumberland	Highsmith-Raney Memorial Hospital	1	1.00	33,733	0	33,733	668	33,065	33,733	0	103	39,456	5,144	4,805	1
Cumberland	2007 SMFP Need Determination	7	7.00	926	0	926	258	668	926	0	103	1,029			
Dare	* Regional Medical Services (RMS)	A1	0.25	1,163	74	1,089	355	808	1,163	30	142	1,335			
Dare	11 The Outer Banks Hospital UHS	A1	1.00	82	11	81	92	42	134	3	37	171			
Dare	The Outer Banks Hospital	A1	0.00	3	0	3	0	3	3	0	0	3			
Dare	Spring Arbor (RMS)	A1	1.55	2,181	486	2,642	927	2,201	3,128	184	371	3,683			
Dare	Total	1	1.00	2,377	384	1,993	787	1,590	2,377	158	315	2,849	1,524	3,775	0
Davidson	Lexington Memorial Hospital	1	1.00	5,505	0	5,505	49	5,456	5,505	6	20	5,929			
Davidson	Thomasville Medical Center	2	2.00	163,465	16	160	38	112	150	0	15	165			
Sub Total		48	61.78	183,465	16	160	38	112	150	0	15	165			
Davie	* Davie County Hospital (Alliance)	A1	0.29	503	0	503	49	454	503	6	20	529			
Davie	* Medical Associates of Davie (FMC)	A1	0.09	150	0	150	38	112	150	0	15	165			
Davie	2 Assigned Equivalency % for New Mobile Scanner	A1	0.29	653	0	653	32	123	155	0	13	168			
Davie	Total	A1	0.09	1,552	0	1,552	32	123	155	0	13	168			
Duplin	* Atlantic Diagnostic	A1	0.67	1,142	180	962	405	737	1,142	72	162	1,376			
Duplin	Duplin General Hospital	A1	0.76	1,297	0	1,297	272	637	909	0	109	1,018			
Duplin	Total	A1	1.00	4,193	0	4,193	1,389	2,804	4,193	0	556	4,749			
Durham	* Durham Diag. Imaging - Independence	1	1.00	909	0	909	272	637	909	0	109	1,018			
Durham	Park MedQuest	A1	0.19	909	0	909	272	637	909	0	109	1,018			
Durham	* Durham Diag. Imaging - South Point MedQuest	A1	1.00	6,899	0	6,899	6,132	567	6,899	0	2,453	9,152			
Durham	* Triangle Orthopaedic Associates, P.A.	5	5.00	17,238	6,558	10,680	10,438	6,800	17,238	2,623	4,175	24,036			
Durham	Duke University Medical Center (CPT)	3	3.00	12,077	0	12,077	6,410	5,667	12,077	0	2,564	14,641			
Durham	Duke University Hospital - Lenox Baker Hospital	0	0.00	0	0	0	0	0	0	0	0	0			
Durham	NC Specialty Hospital	2	2.00	4,357	1,746	2,611	1,150	3,207	4,357	698	460	5,515			
Durham	Durham Regional Hospital	A1	0.13	613	1	612	210	403	613	0	84	697			
Durham	* Atlantic Diagnostic	12	12.32	45,086	0	45,086	2,892	8,824	11,716	0	1,157	12,873			
Durham	Total	11	11.00	11,716	0	11,716	2,892	8,824	11,716	0	1,157	12,873			
Edgecombe	11 Assigned Equivalency % for New Mobile Scanner	A1	0.36	1,576	325	1,251	426	1,150	1,576	130	170	1,876			
Edgecombe	Heritage Hospital	A1	1.28	1,576	0	1,576	426	1,150	1,576	0	170	1,876			
Edgecombe	Total	A1	2.00	11,309	0	11,309	4,121	7,188	11,309	0	1,648	12,957			
Forsyth	* Piedmont Imaging, Inc. MedQuest	2	2.00	2,343	0	2,343	183	2,160	2,343	0	73	2,416			
Forsyth	* Excel Imaging (Salem MRI Center (O-1))	2	2.00	11,309	0	11,309	4,121	7,188	11,309	0	1,648	12,957			
Forsyth	* 16 OSC Assigned Equivalency % New Mobile	A1	1.00	2,343	0	2,343	183	2,160	2,343	0	73	2,416			
Forsyth	Orthopaedic Specialists of Carolinas - Alliance	A1	0.49	2,728	0	2,728	548	2,180	2,728	0	219	2,947			
Forsyth	* Excel Imaging-WS Health Care (Insight)	A1	0.57	2,728	0	2,728	548	2,180	2,728	0	219	2,947			
Forsyth	* Excel Imaging-Kernersville Imaging Center (Insight)	A1	0.01	58	0	58	13	45	58	0	5	63			
Forsyth	* Excel Imaging (Maplewood)	1	1.00	2,156	0	2,156	560	1,596	2,156	0	224	2,380			
Forsyth	* Excel Imaging (Maplewood)	2	2.00	12,743	9,728	3,015	10,488	2,255	12,743	3,891	4,195	20,829			
Forsyth	Forsyth Medical Center	2	2.00	12,743	9,728	3,015	10,488	2,255	12,743	3,891	4,195	20,829			
Forsyth	North Carolina Baptist Hospital (CPT)	6	6.00	20,711	5,794	14,917	14,919	5,792	20,711	2,318	5,968	26,996			



**Table 6E: Hospital and Ambulatory Surgery Facility Tiers  
2007 Data from the 2008 License Renewal Applications**

Facility Name	Type	Tier	Average Resource Hours	Number of IP Cases	Average IP Case Time (Minutes)	Number of OP Cases	Average OP Case Time (Minutes)	CMI 2005	Surgical Hours	IP ORs	Shared	Amb ORs	Total	Room Utilization Rate 2007	Actual Room Utilization	Annual Room Capacity
Duke University Hospital	Hospital	1	11.5	16,131	256	18,694	157	2	117,634	3	33	8	44	114%	90%	2,985
University of North Carolina Hospitals	Hospital	1	10.6	11,105	290	13,525	200	2	98,758	0	32	4	36	117%	100%	2,756
Carolinas Medical Center	Hospital	1	11.5	17,239	209	12,300	132	2	87,109	6	21	11	38	98%	77%	2,893
The North Carolina Baptist Hospitals	Hospital	1	9.4	12,208	233	16,717	136	2	85,162	2	36	0	38	96%	92%	2,439
Mission Hospitals	Hospital	1	10.0	13,384	169	19,947	86	2	66,289	18	9	13	40	71%	64%	2,600
Moses Cone Health System	Hospital	1	9.6	13,263	143	17,872	93	2	59,312	3	37	13	53	48%	45%	2,501
Rex Hospital	Hospital	1	10.0	9,096	162	17,767	94	2	52,394	0	27	4	31	72%	65%	2,600
WakeMed Raleigh	Hospital	1	11.1	8,198	176	13,407	110	2	48,627	3	18	4	25	83%	67%	2,886
Pitt County Memorial Hospital	Hospital	1	10.5	10,336	162	9,302	127	2	47,596	2	22	0	24	85%	73%	2,730
New Hanover Regional Medical Center	Hospital	1	10.1	9,258	150	18,782	77	2	47,249	1	20	5	26	78%	70%	2,613
Forsyth Medical Center	Hospital	1	9.5	10,424	172	6,298	105	2	40,904	3	19	2	24	73%	69%	2,470
Presbyterian Hospital	Hospital	1	8.4	5,562	137	14,405	105	2	37,811	3	26	0	29	56%	60%	2,189
Cape Fear Valley Medical Center	Hospital	1	9.5	7,261	161	7,199	100	2	31,482	2	13	0	15	90%	85%	2,470
CMC - Mercy & Pineville	Hospital	1	9.8	3,066	194	10,460	122	1	31,182	1	18	0	19	70%	64%	2,548
Totals				146,531					851,509	47	331	64	442			
Number of Facilities		14														
Median			10.0	10,380	170.5	13,965	108		50,511	2.5	21.5	4.0	30.0			
Average			10.1	10,467	186.7	14,048	117		60,822	3.4	23.6	4.6	31.6			
Max			11.5	17,239	290	19,947	200		117,634	18	37	13	53			
Min			8.4	3,066	137	6,298	77		31,182	0	9	0	15			

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Key  
IP: Inpatient  
OP: Outpatient  
OR: Operating Room  
CMI: Case Mix Index

Note: IP OR numbers do not include dedicated C-Section ORs or excluded Trauma/Burn ORs

**Table 6E: Hospital and Ambulatory Surgery Facility Tiers  
2007 Data from the 2008 License Renewal Applications**

Facility Name	Type	Tier	Average Resource Hours	Number of IP Cases	Average IP Case Time (Minutes)	Number of OP Cases	Average OP Case Time (Minutes)	CMI 2005	Surgical Hours	IP ORs	Shared	Amb ORs	Total	Room Utilization Rate 2007	Actual Room Utilization	Annual Room Capacity
Charlotte Surgery Center	ASC	4	9.0	0	0	9,858	77		12,651	0	0	7	7	77%	77%	2,340
Fayetteville Ambulatory Surgery Center	ASC	4	7.0	0	0	10,816	65		11,717	0	0	11	11	46%	59%	1,820
Surgicenter Services of Pitt	ASC	4	7.8	0	0	10,371	64		11,011	0	0	8	8	59%	68%	2,015
James E. Davis Ambulatory Surgical Center	ASC	4	8.0	0	0	6,232	83		8,621	0	0	8	8	46%	52%	2,080
HealthSouth Surgical Center of Greensboro	ASC	4	9.5	0	0	10,848	44		8,009	0	0	13	13	26%	25%	2,470
Wilmington Surgicare	ASC	4	8.0	0	0	8,819	54		7,937	0	0	7	7	48%	55%	2,080
Hawthorne Surgical Center	ASC	4	8.2	0	0	6,748	70		7,873	0	0	4	4	84%	92%	2,132
Southpark Surgical Center	ASC	4	8.5	0	0	8,429	51		7,156	0	0	6	6	51%	54%	2,210
Gateway Ambulatory Surgery Center (new 2006)	ASC	4	9.0	0	0	4,708	91		7,140	0	0	4	4	76%	76%	2,340
High Point Surgery Center	ASC	4	8.0	0	0	6,140	60		6,140	0	0	6	6	44%	49%	2,080
Surgery Center of Pinehurst, LLC	ASC	4	8.0	0	0	4,425	60		4,425	0	0	6	6	32%	35%	2,080
HealthSouth Blue Ridge Surgery Center	ASC	4	8.0	0	0	5,296	47		4,149	0	0	6	6	30%	33%	2,080
Orthopaedic Surgery Center of Asheville	ASC	4	8.0	0	0	2,328	105		4,074	0	0	3	3	58%	65%	2,080
HealthSouth Surgery Center of Southern Pines	ASC	4	10.0	0	0	9,884	20		3,295	0	0	3	3	47%	42%	2,600
CSC - Randolph	ASC	4	8.0	0	0	5,286	35		3,084	0	0	8	8	16%	19%	2,080
Caromet Specialty Surgery	ASC	4	7.5	0	0	4,190	36		2,514	0	0	6	6	18%	21%	1,950
Carteret Surgery Center	ASC	4	8.0	0	0	1,625	32		861	0	0	2	2	18%	21%	2,080
The Surgical Center at Lake Norman	ASC	4	7.0	0	0	2,254	56		2,104	0	0	2	2	45%	58%	1,820
SurgiCare of Jacksonville	ASC	4	8.0	0	0	2,834	41		1,955	0	0	4	4	21%	23%	2,080
HealthSouth Greensboro Specialty Surgery Center	ASC	4	8.0	0	0	1,718	68		1,947	0	0	3	3	28%	31%	2,080
Asheville Eye Surgery Center	ASC	4	9.0	0	0	3,311	34		1,887	0	0	1	1	81%	81%	2,340
Eye Surgery and Laser Clinic	ASC	4	12.0	0	0	2,454	45		1,841	0	0	2	2	39%	29%	3,120
Chapel Hill Surgical Center	ASC	4	6.0	0	0	809	118		1,591	0	0	3	3	23%	34%	1,560
Piedmont Surgical Center	ASC	4	8.0	0	0	937	90		1,406	0	0	2	2	30%	34%	2,080
Surgery Center of Morganton	ASC	4	8.0	0	0	2,064	40		1,376	0	0	2	2	29%	33%	2,080
Iredell Surgical Center	ASC	4	10.0	0	0	1,860	44		1,364	0	0	4	4	15%	13%	2,600
Surgical Eye Center	ASC	4	8.0	0	0	3,827	18		1,148	0	0	4	4	12%	14%	2,080
Eye Surgery Center of Shelby	ASC	4	8.0	0	0	1,678	40		1,119	0	0	2	2	24%	27%	2,080
Cleveland Ambulatory Services	ASC	4	8.0	0	0	1,784	38		1,119	0	0	4	4	12%	13%	2,080

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