

**Technology and Equipment Committee Report**

**Magnetic Resonance Imaging  
(MRI)  
Material**

**For the Proposed 2009 SMFP**

**For the  
N.C. State Health Coordinating Council Meeting**

**On**

**May 28, 2008**

**Need Determination  
Related to MRI Scanners  
Using the Present Methodology**

Table 9O reflects the MRI service areas and the calculations for determining need. Table 9Q indicates the service areas where need determinations are shown for the proposed 2009 State Medical Facilities Plan (SMFP).

These tables reflect the first run of data as entered in the database. As in past years, staff will continue to refine these tables with corrected data.

Table 90: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/ Tiered & % Mobile Equivalents

MRI Service Area	Facility	Fixed MRI Magnets	Fixed Equivalent Magnets	Total MRI Scans		MRI Inpt MRI	MRI Outpt MRI	MRI Contrast	MRI No Contrast	MRI Total MRI	MRI Inpt Adjust	MRI Contrast Adjust	MRI Adjusted Total	Area Average Procedures	MRI Threshold	MRI Need
				MRI Scans	MRI Inpt MRI											
Arlanance	*Atlantic Diagnostic - Alliance Imaging served	^1	0.29	1,185	23	1,164	5,543	406	779	1,185	9	162	1,357	13307	1716	0
Arlanance	^Almanace Regional Medical Center	2	2.00	6,640	1,097	5,543	2,755	3,885	-	6,640	438.8	1,102.0	8181	9146	1716	0
Arlanance	^Burlington Imaging	^1	0.00	-	0	-	-	-	-	-	0	-	0	1636	1716	0
Arlanance	^12 Assigned Equivalency % for New mobile scanner	^1	0.67	7825	0	7825	-	-	-	7825	0	-	9537	1038	1716	0
Arlanance	Total	2	2.96	7825	0	7825	-	-	-	7825	0	-	9537	1038	1716	0
Alexander	8 Assigned Equivalency % for New mobile scanner	^1	0.50	-	0	-	-	-	-	-	0	-	0	1050	1716	0
Alexander	^Fye Reg Medical Ctr - Alexander	^1	0.00	-	0	-	-	-	-	-	0	0	0	9324	1716	0
Allegheny	9 Anson Community Hospital - CIS Mobile	^1	0.08	140	6	134	6	134	145	140	2	2	145	145	1716	0
Anson	Total	^1	0.08	140	6	134	6	134	145	140	2	2	145	145	1716	0
Ashle	6 Assigned Equivalency % for New mobile scanner	^1	0.29	-	0	-	-	-	-	-	0	-	0	1283	1716	0
Ashle	2008 SMFP Need Determination	^1	1.00	-	78	1,026	370	734	-	1,104	31.2	148.0	1283	1283	1716	0
Ashle	^Ashle Memorial Hospital	^1	0.64	1,104	0	1,104	-	-	-	1,104	0	-	1283	649	1716	0
Ashle	Total	^1	1.93	1104	78	1104	581	52	563	615	13.6	20.8	649	649	1716	0
Avery	^Charles A Cannon	^1	0.36	615	34	581	52	563	615	615	13.6	20.8	649	649	1716	0
Hyde	No Hospital	-	-	-	0	-	-	-	-	-	0	-	0	2646	1716	0
Beaufort	Beaufort County Hospital (CPT)	^1	1.00	2,301	139	2,162	724	1,577	2,301	2,301	55.6	289.6	2646	10	1716	0
Beaufort	Pungo District Hospital	^1	0.20	342	25	317	-	-	-	0	10	0	10	2656	1716	0
Beaufort	Total	1	1.20	2,643	164	2,479	724	1,577	2,301	2,301	65.6	289.6	2656	10	1716	0
Bertie	11 Assigned Equivalency % for New mobile scanner	^1	0.14	418	34	384	80	338	418	418	13.6	32.0	464	464	1716	0
Bertie	^Bertie Memorial Hospital (CPT)	^1	0.24	418	0	418	-	-	-	418	0	-	464	464	1716	0
Bertie	Total	^1	0.38	418	34	384	80	338	418	418	13.6	32.0	464	464	1716	0
Bladen	3 Bladen County Hospital - Wakelred Mobile	^1	0.43	744	40	704	260	484	744	744	16.0	104.0	864	864	1716	0
Brunswick	^Brunswick Community Hospital	-	1.00	2,114	303	1,811	488	1,626	2,114	2,114	121.2	195.2	2430	2430	1716	0
Brunswick	^J.Arthur Doshier Memorial	^1	0.29	1,083	41	1,042	326	757	1,083	1,083	16.4	130.4	1230	1230	1716	0
Brunswick	^R.H.H.S - Atlantic Diagnostic	^1	0.05	206	1	205	55	151	206	206	0.4	22.0	228	228	1716	0
Brunswick	3 Assigned Equivalency % for New mobile scanner	^1	0.15	3403	0	3403	-	-	-	3403	0	-	3899	3899	1716	0
Brunswick	Total	1	1.49	3403	0	3403	-	-	-	3403	0	-	3899	3899	1716	0
Madison		-	-	-	0	-	-	-	-	-	0	-	0	2607	1716	0
Yancey		-	-	-	0	-	-	-	-	-	0	-	0	3775	1716	0
Burcombe	* Asheville MRI	2	2.00	11,737	0	11,737	3,925	7,812	11,737	11,737	0	1,570.0	13307	13307	1716	0
Burcombe	* Asheville Open MRI MedQuest (0-1)	2	2.00	8,734	0	8,734	1030	7,704	8,734	8,734	0	412.0	9146	9146	1716	0
Burcombe	* InSight Health Corporation - Asheville Ortho	1	1.00	1,603	0	1,603	82	1,521	1,603	1,603	0	32.8	1636	1636	1716	0
Burcombe	* Mountain Neurological Center (CPT)	1	1.00	3,013	0	3,013	1483	1,530	3,013	3,013	0	593.2	3606	3606	1716	0
Burcombe	* Skyland MRI	1	1.00	976	0	976	154	822	976	976	0	61.6	1038	1038	1716	0
Burcombe	^Asheville Imaging	^1	0.00	-	0	-	-	-	-	-	0	-	0	1050	1716	0
Burcombe	^Southeastern Sports Medicine	^1	0.21	1,018	3	1,015	76	942	1,018	1,018	1	30.4	1050	1050	1716	0
Burcombe	^Southern Orthopaedics	^1	0.00	-	0	-	-	-	-	-	0	-	0	9324	1716	0
Burcombe	^Asheville Specialty Hospital	0	0.00	0	0	0	0	0	0	0	0	0	0	9324	1716	0
Burcombe	^Mission Hospitals (CPT)	3	3.00	7,066	2,885	4,181	2,761	4,305	7,066	7,066	1,154.0	1,104.4	9324	9324	1716	0
Burcombe	Total	10	10.21	34,147	2,885	4,181	2,761	4,305	7,066	7,066	1,154.0	1,104.4	9324	9324	1716	0
Burke	^7 Blue Ridge Radiology Associates	^1	0.54	2,216	0	2,216	817	1,599	2,216	2,216	0	246.8	2463	2463	1716	0
Burke	9 Assigned Equivalency % for New mobile scanner	^1	0.39	673	0	673	51	622	673	673	0	20.4	693	693	1716	0
Burke	^Carolina Ortho	^1	0.16	673	0	673	51	622	673	673	0	20.4	693	693	1716	0
Burke	Grace Hospital - Blue Ridge Healthcare	^1	0.54	2,225	520	1,705	532	1,693	2,225	2,225	208.0	212.8	2646	2646	1716	0
Burke	^Valdese General Hospital	^1	0.14	568	76	492	82	496	568	568	30.4	32.8	631	631	1716	0
Burke	Total	-	1.77	5682	76	492	82	496	568	568	30.4	32.8	631	631	1716	0

Table 90: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/Tiered & % Mobile Equivalents

MRI - Acute Care Service Area	Facility	Fixed		Total	MRI Magnets	Fixed		Total	MRI Scans	Inpt MRI	Outpt MRI	Contrast	No Contrast	Total MRI	Inpt Adjst	Contrast Adjst	Adjusted Total	Area Average Procedures	Threshold	MRI Need	
		MRI Magnets	Equivalent Magnets			MRI Scans	MRI Scans														
Cabarrus	Cabarrus	* Cabarrus Diagnostic Imaging MedQuest	1	1.00	1	2,572	0	2,572	1,054	389	685	1,054	1,054	1,054	0	155.6	2762	4287	4805	0	
	Cabarrus	Access Medical Imaging	1	1.00	1,054	-	1,054	-	1,054	15,853	11,309	21,720	21,720	2,346.8	4,164.4	190.0	28231	3130	3130	3775	0
	Cabarrus	Northeast Medical Center	4	4.00	21,720	5,867	27,587	5,867	27,587	942	49	893	942	942	19.6	309933	4287	4805	4805	0	
	Cabarrus	Insight - Northeast Orthopaedic	1	0.23	942	-	942	-	942	-	-	-	-	-	-	-	-	-	-	-	-
	Cabarrus	2007 SMFP Need Determination	1	1.00	1,000	-	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-
	Cabarrus	Total	7	7.23	26,288	416	26,704	416	26,704	2,386	405	2,397	2,802	2,802	166.4	162.0	3130	3130	3130	3775	0
	Caldwell	Caldwell Memorial	Total	1	1.00	2,802	0	2,802	0	1,487	289	1,198	1,487	1,487	0	116	1603	1603	3775	0	
	Caldwell	Total	1	1.00	2,802	0	2,802	0	2,802	0	0	0	0	0	0	0	0	0	0	0	0
	Carteret	Atlantic Diagnostic - Alliance Imaging	1	0.39	1,487	0	1,487	0	1,487	2,443	1,429	1,689	3,118	3,118	270.0	571.6	3960	3960	3775	0	
	Carteret	Capital Neuroscience - Alliance Imaging	1	1.00	3,118	675	3,793	675	3,793	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Carteret	Carteret General Hospital	1	1.00	3,118	675	3,793	675	3,793	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Carteret	3 Carteret General Imaging - WakeMed Mobile	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Carteret	5 Insight Health - Atlantic Diagnostic	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Carteret	5 Insight Health - Capital Neuroscience	1	1.00	1,000	0.00	1,000	0.00	1,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Carteret	2008 SMFP Need Determination	1	1.00	1,000	0.00	1,000	0.00	1,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Carteret	Total	2	2.39	4,805	0	4,805	0	4,805	2,176	295	1,882	2,177	2,177	0	118.0	2295	2295	2323	3775	0	
Catawba	Carolina Orthopaedics - Alliance Imaging	1	0.45	2,176	0	2,176	0	2,176	1,257	146	1,116	1,257	1,257	1.6	58.4	1322	1322	4805	0		
Catawba	Hickory Orthopaedic - Alliance Imaging	1	0.26	1,260	4	1,264	4	1,268	5,729	2,551	3,936	6,487	6,487	343.2	1,020.4	7851	7851	4805	0		
Catawba	Catawba Valley Medical Center	1	1.00	6,487	858	7,345	858	7,345	6,850	3,022	4,778	7,800	7,800	460.0	1,208.8	9469	9469	4805	0		
Catawba	Five Regional Medical Center	2	2.00	7,800	1,150	8,950	1,150	8,950	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Catawba	Mecklenburg Diagnostic - Alliance Imaging	1	1.00	1,000	0.00	1,000	0.00	1,000	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	
Catawba	2005 SMFP Need Determination	1	0.50	500	0.50	1,000	0.50	1,500	5.72	177.23	177.23	5.72	177.23	5.72	177.23	20936	20936	3663	4805	0	
Catawba	7 Assigned Equivalency % for New mobile scanner	1	0.50	500	0.50	1,000	0.50	1,500	5.72	177.23	177.23	5.72	177.23	5.72	177.23	20936	20936	3663	4805	0	
Catawba	8 Assigned Equivalency % for New mobile scanner	1	0.50	500	0.50	1,000	0.50	1,500	5.72	177.23	177.23	5.72	177.23	5.72	177.23	20936	20936	3663	4805	0	
Chatham	3 Assigned Equivalency % for New mobile scanner	1	0.20	568	28	596	28	624	540	147	321	468	468	11	59	538	538	538	1716	0	
Chatham	Chatham Hospital	1	0.33	568	28	596	28	624	540	147	321	468	468	11	59	538	538	538	1716	0	
Chatham	Total	1	0.53	568	28	596	28	624	540	147	321	468	468	11	59	538	538	538	1716	0	
Cherokee	No Hospital	1	1.00	1,672	45	1,717	45	1,762	1,627	445	1,227	1,672	1,672	18.0	178.0	1868	1868	1868	3775	0	
Cherokee	Murphy Medical Center	1	1.00	1,672	45	1,717	45	1,762	1,627	445	1,227	1,672	1,672	18.0	178.0	1868	1868	1868	3775	0	
Tyrrell	No Hospital	1	0.76	1,309	106	1,415	106	1,521	1,203	375	934	1,309	1,309	42.4	150.0	1501	1501	1501	4118	0	
Tyrrell	11 Chowan Hospital - UHS - Alliance mobile	1	0.75	1,288	93	1,381	93	1,474	1,195	349	393	1,309	1,309	37.2	139.6	919	919	919	4118	0	
Chowan	Chowan Hospital (CPT - 19)	1	1.00	1,288	93	1,381	93	1,474	1,195	349	393	1,309	1,309	37.2	139.6	919	919	919	4118	0	
Chowan	2008 SMFP Need Determination	1	1.00	2,597	813	3,410	813	4,223	2,048	2,947	4,995	4,995	325.2	819.2	6139	6139	6139	1716	0		
Chowan/Tyrrell	Total	1	2.51	2,597	813	3,410	813	4,223	2,048	2,947	4,995	4,995	325.2	819.2	6139	6139	6139	1716	0		
Cleveland	Cleveland Regional Medical Center	1	1.00	4,995	813	5,808	813	6,621	4,182	2,048	2,947	4,995	4,995	325.2	819.2	6139	6139	6139	1716	0	
Cleveland	6 Assigned Equivalency % for New mobile scanner	1	0.42	1,121	102	1,223	102	1,325	1,019	366	734	1,120	1,120	40.8	154.4	1315	1315	1315	4118	0	
Cleveland	Kings Mountain Hospital	1	1.00	1,121	102	1,223	102	1,325	1,019	366	734	1,120	1,120	40.8	154.4	1315	1315	1315	4118	0	
Cleveland	Miller Orthopaedic	1	0.22	384	0	384	0	384	384	0	384	384	0	0	0	0	0	0	0	0	
Cleveland	Total	2	2.64	6,500	0	6,500	0	6,500	53	16	37	53	53	0	6.4	59	59	59	4118	0	
Columbus	Atlantic Radiology (Professional Diagnostic Services)	1	0.01	53	0	53	0	53	53	0	53	53	0	0	0	0	0	0	0	0	
Columbus	Chadbourne Family Medicine	1	0.00	0	0	0	0	0	2,732	-	-	-	-	-	144.4	144	144	144	4118	0	
Columbus	Columbus County Hospital (CPT)	1	1.00	3,093	361	3,454	361	3,815	1,023	141	886	1,027	1,027	0.4	56.4	1084	1084	1084	4118	0	
Columbus	Waccamaw Imaging	1	1.00	1,027	1	1,028	1	1,029	1,023	141	886	1,027	1,027	0.4	56.4	1084	1084	1084	4118	0	
Columbus	Total	2	2.01	4,173	1	4,174	1	4,175	1,023	141	886	1,027	1,027	0.4	56.4	1288	1288	1288	4118	0	

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MRI - Acute Care Service Area	Facility	Fixed		Total		Output		No		Inpt		Contrast		Adjusted		Area Average Procedures	Threshold	MRI Need
		MRI	Magnets	MRI	Magnets	MRI	Inpt MRI	MRI	Contrast	Contrast	Total MRI	Adjust	Contrast Adjust	Total				
Jones	*Eastern Carolina Internal Medicine	^1		0.13	596	1	595	182	414	596	0	72.8	689					
Panlico	No Hospital	1		1.00	5517	0	5517	1455	4062	5,517	0	582.0	6099					
Craven	*Coastal Carolina Health Care, P.A.	2		2.00	6,328	1,873	4,455	3,023	3,305	6,328	749.2	1,209.2	8286					
Craven	Craven Regional Medical Center	1		1.00														
Craven	2008 SMFP Need Determination	1		1.00														
C-J-P	Total	4		4.13	12,441								15,055			3,764	4,462	0
Cumberland	*Carolina Imaging, Inc. of Fayetteville MedQuest	1		1.00	13,605	34	13,571	2829	10,776	13,605	14	1,131.6	14,750					
Cumberland	*HealthSouth Diagnostic Center of Fayetteville	1		1.00														
Cumberland	*HealthSouth Open MRI of Fayetteville (O-1)	1		1.00	1,720	0	1,720	345	1,375	1,720	0	138.0	1,858					
Cumberland	^PDS Fayetteville	^1		0.00		0					0		0					
Cumberland	^Atlantic Radiology Associates	^1		0.11	530	0	531	105	459	564	0	42.0	606					
Cumberland	^Cross Creek Imaging	^1		0.56	2,694	1	2,693	715	1,979	2,694	0	286.0	2,980					
Cumberland	Cape Fear Valley Medical Center	2		2.00	8,637	3,752	4,885	4,990	3,647	8,637	1,500.8	1,996.0	12,134					
Cumberland	Fayetteville Specialty Hospital	0		0.00	0	0	0	0	0	0	0	0	0					
Cumberland	Highsmith-Raney Memorial Hospital	1		1.00	1,354	0	1,354	258	1,096	1,354	0	103.2	1,457					
Cumberland	2007 SMFP Need Determination	1		1.00														
Cumberland	Total	7		7.67	28,540			258	688	926	0	103.2	3,378			4,404	4,805	0
Dare	^Regional Medical Services (RMS)	^1		0.25	928	0	926						1,029					
Dare	111The Outer Banks Hospital UHS Alliance Mobile	^1		0.31	1,163	74	1,089	355	808	1,163	29.6	142.0	1,335					
Dare	The Outer Banks Hospital	1		1.00	92	11	81	92	42	134	0	36.8	3					
Dare	Spring Arbor (RMS)	^1		0.00	3		3				0		3					
Dare	Total	1		1.55	2,181								2,67			1,524	3,775	0
Davidson	Lexington Memorial Hospital	1		1.00	3,128	486	2,642	927	2,201	3,128	194.4	370.8	3,693					
Davidson	Thomasville Medical Center	1		1.00	2,377	394	1,983	787	1,590	2,377	157.6	314.8	2,849					
Davidson	Total	2		2.00	5,505				5,505				6,543			3,271	3,775	0
Subtotal				61	17,231	16	487	49	454	503	6.4	19.6	529					
Davie	Davie County Hospital	^1		0.29	503								529					
Davie	2 Assigned Equivalency % for New Mobile Scanner	^1		0.29														
Davie	Total	^1		0.58	503								529			529	1,716	0
Duplin	^Alliantic Diagnostic	^1		0.09	155	0	155	32	123	155	0	12.8	168					
Duplin	Duplin General Hospital	^1		0.67	1,142	180	962	405	737	1,142	72	162	1,376			772	1,716	0
Duplin	Total	^1		0.76	1,297								1,544					
Durham	*Durham Diag. Imaging - Independence Park MedQuest	1		1.00	4,193	0	4,193	1,389	2,804	4,193	0	555.6	4,749					
Durham	*Durham Diag. Imaging - South Point MedQuest	^1		0.19	909	0	909	272	637	909	0	108.8	1,018					
Durham	*Triangle Orthopaedic Associates, P.A.	1		1.00	6,699		6,699	6,132	567	6,699	0	2,453	9,152					
Durham	Duke University Medical Center (CPT)	5		5.00	17,238	6,558	10,680	10,438	6,800	17,238	2,623.2	4,175.2	24,036					
Durham	Duke University Hospital - Lenox Baker Hospital	3		3.00									0					
Durham	NC Specialty Hospital	0		0	0	0	0	0	0	0	0	0	0					
Durham	Durham Regional Hospital	2		2.00	4,357	1,746	2,611	1,150	3,207	4,357	698.4	460.0	5,515					
Durham	^Alliantic Diagnostic	^1		0.13	613	1	612	210	403	613	0	84.0	697					
Durham	Total	12		12.32	34,009								45,167			3,667	4,805	0
Edgecombe	11 Assigned Equivalency % for New Mobile scanner	^1		0.36														
Edgecombe	Heritage Hospital	^1		0.92	1,576	325	1,251	426	1,150	1,576	130.0	170.4	1,876			1,468	1,716	0
Edgecombe	Total	^1		1.28	1,576								1,876			1,468	1,716	0

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MRI - Acute Care Service Area	Facility	Fixed MRI Magnets	Fixed Equivalent Magnets	Total		Inpt MRI	Outpt MRI	Contrast	No	Total MRI	Inpt Adjst	Contrast Adjst	Adjusted Total	Area Average Procedures	Threshold	MRI Need
				MRI	SMFP											
Forsyth	* Piedmont Imaging, Inc. MedQuest	2	2.00	11,716	0	0	11716	2,892	8,824	11,716	0	1,156.8	12873	4651	4805	0
Forsyth	* Salem MRI Center (O-1)	2	2.00	11,309	0	0	0	4121	7188	11,309	0	1,648.4	12957	4651	4805	0
Forsyth	*16 OSC Assigned Equivalency % New Mobile Orthopaedic Specialists of Carolinas - Alliance	1	1.00	2,343	0	0	2343	183	2160	2,343	0	73.2	2416	2486	3775	0
Forsyth	*Winston-Salem Health Care - Insight	1	0.49	1,527	0	0	1527	708	819	1,527	0	283.2	1810	2486	3775	0
Forsyth	*Forsyth Radiological - Insight	1	0.00	NA	0	0	0	0	0	0	0	0	0	2486	3775	0
Forsyth	* Salem MRI Center	1	1.00	NA	0	0	0	0	0	0	0	0	0	2486	3775	0
Forsyth	* Forsyth Medical Center	2	2.00	12,743	9,728	0	3,015	10,488	2,255	12,743	3,891.2	4,195.2	20829	4651	4805	0
Forsyth	North Carolina Baptist Hospital (CPT)	6	6.00	20,711	5,794	0	14,912	14,919	5,792	20,711	2,317.6	5,967.6	28996	4651	4805	0
Forsyth	*1 FMC Mobile - Winston-Salem Health Care	1	0.00	1,355	-	-	1,355	593	762	1,355	-	237.2	1592	2486	3775	0
Forsyth	*1 FMC Mobile - Central Triad Imaging Center	1	0.43	NA	-	-	0	0	0	0	-	0	0	2486	3775	0
Forsyth	*2 Assigned Equivalency % for New Mobile Scanner	1	1.00	NA	-	-	0	0	0	0	-	0	0	2486	3775	0
Forsyth	2008 SMFP Need Determination	1	1.00	61704	-	-	0	0	0	61704	-	0	81474	4651	4805	0
Forsyth	Total	15	17.52	61704	460	0	1,627	537	1,550	2,087	184.0	214.8	2486	2486	3775	0
Franklin	Franklin Regional Medical Center - Alliance	1	1.00	2087	460	0	1,627	537	1,550	2,087	184.0	214.8	2486	2486	3775	0
Franklin	Franklin Regional Medical Center - Alliance	1	0.00	0	0	0	0	0	0	0	0	0	0	2486	3775	0
Franklin	Franklin Regional Medical Center - MedQuest	1	0.00	0	0	0	0	0	0	0	0	0	0	2486	3775	0
Franklin	Total	1	1.00	2,087	460	0	1,627	537	1,550	2,087	184.0	214.8	2486	2486	3775	0
Gaston	CIS-Beimont	1	1.00	2745	0	0	2745	559	2186	2,745	0	223.6	2969	2486	4805	0
Gaston	*Gastonia Diagnostic Imaging MedQuest	1	0.57	7,626	4,020	0	3,604	4,748	2,878	7,626	1,608.0	1,899.2	11133	2486	4805	0
Gaston	Gaston Memorial Hospital	1	1.00	1,000	0	0	1,000	0	0	1,000	0	0	0	2486	4805	0
Gaston	GMH - The Diagnostic Center	1	1.00	1,000	0	0	1,000	0	0	1,000	0	0	0	2486	4805	0
Gaston	CIS-Summit Crossing	1	1.00	1,000	0	0	1,000	0	0	1,000	0	0	0	2486	4805	0
Gaston	14 Assigned Equivalency % for New Mobile Scanner	1	0.50	10371	0	0	0	0	0	10371	0	0	14102	2781	4805	0
Gaston	Total	2	5.07	10371	0	0	0	0	0	10371	0	0	14102	2781	4805	0
Granville	10 Granville Medical Center WRS Mobile	1	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Granville	Granville Medical Center - Alliance	1	1.00	1,420	119	0	1,301	271	1,148	1,419	47.6	108.4	1575	1575	1716	0
Granville	Granville Medical Center - King's Medical Center	1	1.00	1,420	119	0	1,301	271	1,148	1,419	47.6	108.4	1575	1575	1716	0
Granville	Total	1	1.00	1,420	119	0	1,301	271	1,148	1,419	47.6	108.4	1575	1575	1716	0
Guilford	* Diagnostic Radiology and Imaging, LLC (O-1)	2	2.00	12,424	0	0	12,424	6001	6,423	12,424	0	2,400.4	14824	4454	4805	0
Guilford	* Southeastern Radiology (O-1)	1	1.00	3,450	0	0	3,450	900	2,550	3,450	0	360.0	3810	4454	4805	0
Guilford	* Triad Imaging MedQuest	1	1.00	5,771	0	0	7,077	1,870	5,207	7,077	0	748.0	7825	4454	4805	0
Guilford	*Greensboro Orthopaedics - Alliance	1	1.00	4,897	30	0	4,867	508	4,359	4,897	12	203.2	5112	4454	4805	0
Guilford	*Guilford Neurosurgical - Alliance	1	0.00	0	0	0	0	0	0	0	0	0	0	4454	4805	0
Guilford	*Coronerstone Healthcare - Insight	1	0.82	3,921	0	0	3,921	1,333	2,588	3,921	0	533.2	4454	4454	4805	0
Guilford	*High Point Orthopaedic - Insight	1	0.00	0	0	0	0	0	0	0	0	0	0	4454	4805	0
Guilford	*Southwestern Orthopaedic Specialists - Alliance	1	1.00	5,030	0	0	5,030	551	4,479	5,030	0	220.4	5252	4454	4805	0
Guilford	High Point Regional Health System (O-1)	2	2.00	6,225	2,295	0	3,930	1,594	4,631	6,225	918.0	637.6	7781	4454	4805	0
Guilford	13 HPRHS Mobile - 404 Westwood St. HP	1	0.50	942	4	0	938	277	662	939	1.6	110.8	1051	4454	4805	0
Guilford	13 HPRHS Mobile - Johnston Neurological, HP	1	0.50	8,179	4,608	0	3,571	3,762	4,417	8,179	1,843.2	1,504.8	11527	4454	4805	0
Guilford	Moses Cone Memorial Hospital	3	3.00	NA	0	0	0	0	0	0	0	0	0	4454	4805	0
Guilford	*Coronerstone Healthcare	1	1.00	50839	0	0	0	0	0	50839	0	0	61617	4480	4805	0
Guilford	Total	10	13.82	50839	0	0	0	0	0	50839	0	0	61617	4480	4805	0
Northampton	No Hospital	1	1.00	2,049	299	0	1,750	776	1,273	2,049	119.6	310.4	2479	2479	3775	0
Halifax	Halifax Regional Medical Center	1	1.00	2,049	299	0	1,750	776	1,273	2,049	119.6	310.4	2479	2479	3775	0
Halifax	Our Community Hospital	1	1.00	2,049	299	0	1,750	776	1,273	2,049	119.6	310.4	2479	2479	3775	0
Halifax/Northampton	Total	1	1.00	2,049	299	0	1,750	776	1,273	2,049	119.6	310.4	2479	2479	3775	0

Table 90: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/Tiered & % 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	Area Average Procedures	Threshold	MRI Need
Hennett	Betsy Johnson Regional Hospital	1	1.00	3,610	582	3,028	1184	2426	3,610	232.8	473.6	4316	3607	3775	0
	3 Assigned Equivalency % for New Mobile scanner	^1	0.20						-	-	-	0			
	Carolina Regional Radiology	^1	0.00						239	-	0.4	239			
	Olden Medical Plaza	^1	0.06	238	0	238	1	238	239	-	-	0			
	10 Good Hope Hospital - WRS Mobile	^1	0.00						-	-	-	0			
	Total	1	1.26	3848	582	3,028	1184	2426	3,610	232.8	473.6	4316	3607	3775	0
	Haywood Regional Medical Center	2	2.00	4,793	527	4,266	2,221	2,572	4,793	210.8	888.4	5892	2946	4118	0
	Total	2	2.00	4,793	527	4,266	2,221	2,572	4,793	210.8	888.4	5892	2946	4118	0
	Haywood	2	2.00	4,793	527	4,266	2,221	2,572	4,793	210.8	888.4	5892	2946	4118	0
	Henderson	Margaret R. Pardee Memorial Hospital (CPT)	2	2.00	6,901	639	6,262	2,034	4,867	6,901	255.6	813.6	7970		
Henderson	Southern Orthopaedic & Musculoskeletal	^1	0.00						0	0	0	0			
Henderson	Fletcher Hospital - Park Ridge Hospital	^1	0.00						-	-	-	0			
Henderson	Fletcher Hospital - Fletcher Town Hall	^1	0.00						-	-	-	0			
Henderson	Park Ridge Hospital	1	1.00	2,484	364	2,120	1,186	1,298	2,484	145.6	474.4	3104	3691	4462	0
Henderson	Total	3	3.00	6901	964	6,262	2,034	4,867	6,901	255.6	813.6	7970			
Gates	^Gates Medical Center	^1	0.00						0	0	0	0			
Hertford	11 Roanoke-Chowan Hospital UHS Mobile	^1	0.00						-	-	-	0			
Hertford	11 Roanoke-Chowan UHS Mobile Alliance Temp Unit	^1	0.00						-	-	-	0			
Hertford	Roanoke-Chowan Hospital	^1	1.00	136	18	120	25	113	138	7.2	10.0	155			
Hertford	Roanoke-Chowan Hospital (Mobile)	^1	0.49	1,866	304	1,562	435	1,431	1,866	121.6	174.0	2162			
Hertford	Roanoke-Chowan Hospital - SMT	^1	0.51	1,934	312	1,622	490	1,444	1,934	124.8	196.0	2255			
Hertford/Gates	Total	1	2.01	3938	614	3,324	915	1,058	3,952	249.6	370.0	4572	2278	3775	0
Iredell	^ Piedmont Healthcare / Alliance Imaging	1	1.00	7,646	0	7,646	1441	6245	7,686	-	576.4	8262			
Iredell	^Carolina Specialty Care	^1	0.08	396	0	396	0	396	396	-	-	396			
Iredell	Davis Regional Medical Center	1	1.00	2,790	698	2,092	938	1,852	2,790	279.2	375.2	3444			
Iredell	Iredell Memorial Hospital	1	1.00	4,995	1,079	3,416	2,149	2,346	4,495	431.6	859.6	5786			
Iredell	Lake Norman Regional Medical Center (CPT-43)	2	2.00	5,296	681	4,615	1513	3783	5,296	272.4	605	6174			
Iredell	Total	5	5.08	20623	261	20,362	4,117	18,545	20,623	100.4	464.8	24063	4734	4805	0
Jackson	Harris Regional Hospital	1	1.00	3,477	251	3,226	1,162	2,325	3,487	100.4	464.8	4052			
Jackson	2008 SMFP Need Determination	1	1.00	1,00					1,00			1,00			
Jackson	Total	2	2.00	4,477	251	3,226	1,162	2,325	4,487	100.4	464.8	5052	2026	3775	0
Johnston	^Eastern Carolina Medical Center - Alliance	^1	0.08	346	0	346	46	300	346	0	18.4	364			
Johnston	Johnston Memorial Hospital	1	1.00	4,894	1,266	3,628	1,426	3,468	4,894	506.4	570.4	5971			
Johnston	2007 SMFP Need Determination	1	1.00	1,00					1,00			1,00			
Johnston	Total	2	2.08	5240	1,266	3,628	1,426	3,468	4,894	506.4	570.4	6335	3040	4118	0
Lee	Central Carolina Hospital	1	1.00	2,561	452	2,109	1,155	1,406	2,561	180.8	462.0	3204	3204	3775	0
Lenoir	^Kinston Orthopaedics	^1	0.00						0	0	0	0			
Lenoir	Lenoir Memorial Hospital	1	1.00	3,658	963	2,695	1,324	2,334	3,658	386.2	529.6	4573			
Lenoir	2008 SMFP Need Determination	1	1.00	1,00					1,00			1,00			
Lenoir	Total	2	2.00	3658	963	2,695	1,324	2,334	3,658	386.2	529.6	4573	2286	3775	0
Lincoln	^Lincoln Radiology	^1	0.00						-	-	-	0			
Lincoln	^9 CIS Mobile - CMC-Lincoln	^1	1.00	2,167	306	1,861	771	1,396	2,167	122.4	308.4	2588			
Lincoln	^7 BRRA Mobile - Blue Ridge Radiology	^1	0.18	305	-	-	51	254	305	-	20.4	325			
Lincoln	2008 SMFP Need Determination	1	1.00	1,00					1,00			1,00			
Lincoln	Total	1	2.18	2472	306	1,861	771	1,396	2,167	122.4	308.4	2923	1342	1716	0
Macon	Angal Medical Center	1	1.00	1,839	82	1,757	669	1,170	1,839	32.8	267.6	2139			
Macon	Highlands-Cashiers	1	1.00	506	8	498	107	399	506	3.2	42.8	552			
Macon	Total	2	2.00	2345	90	2,255	776	1,569	2,345	36.0	310.4	2691	2691	4118	0

Table 90: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/Tiered & % Mobile Equivalents

MRI - Acute Care Service Area	Facility	Fixed MRI Magnets	Fixed Equivalent Magnets	Total		Output		No Contrast		Total MRI		Inpt Adjust	Contrast Adjust	Adjusted Total	Area Average Procedures	Threshold	MRI Need	
				MRI Scans	Inpt MRI	MRI	Contrast	Contrast	Total MRI									
Mecklenburg	* Presbyterian Carolinas Integrated Healthcare	1	1.00	1,331	0	404	927	1,331	4,711	10.4	144.4	1493	161.6	5311	619	619	1716	0
Mecklenburg	* Charlotte Radiology / Diagnostic Imaging Center	2	2.00	4,710	0	1500	3211	4,711	5,087	-	600.0	5311	600.0	5311	2178	2178	3375	0
Mecklenburg	* Mecklenburg Diagnostic Imaging - MedQuest	1	1.00	5,087	0	1384	3703	5,087	7,907	-	553.6	5641	553.6	5641	0	0	0	0
Mecklenburg	* Ortho Carolina - 1915 Randolph Rd.	1	1.00	7,907	-	725	7,182	7,907	-	-	290.0	8197	290.0	8197	0	0	0	0
Mecklenburg	* Ortho Carolina - Alliance	1	1.00	0.00	-	-	-	-	-	-	-	0	-	0	0	0	0	0
Mecklenburg	* Imaging Associates of the Carolinas	1	0.23	1,125	-	429	696	1,125	-	-	171.6	1297	171.6	1297	0	0	0	0
Mecklenburg	* Orion Imaging	1	0.00	299	-	-	299	299	-	-	-	299	-	299	0	0	0	0
Mecklenburg	* Gill Orthopaedic	1	0.06	299	-	-	299	299	-	-	-	299	-	299	0	0	0	0
Mecklenburg	* Perry & Barrons Orthopaedic	1	0.07	318	-	-	318	318	-	-	-	318	-	318	0	0	0	0
Mecklenburg	* Oweida Orthopaedic	1	0.00	0.00	-	-	-	-	-	-	-	0	-	0	0	0	0	0
Mecklenburg	* Monroe Diagnostic Imaging - MedQuest	1	1.00	1,398	-	414	984	1,398	-	-	165.6	1564	165.6	1564	0	0	0	0
Mecklenburg	Carolinas Imaging Services, LLC - Huntersville	1	0.00	0.00	-	-	-	-	-	-	-	0	-	0	0	0	0	0
Mecklenburg	6 CIS Mobile - CIS Huntersville	1	0.00	0.00	-	-	-	-	-	-	-	0	-	0	0	0	0	0
Mecklenburg	Carolinas Medical Center	3	3.00	12,411	4,608	7,803	5,865	12,411	1,843.2	2,618.4	16873	2,618.4	16873	6232	4783	4805	0	
Mecklenburg	Carolinas Medical Center - Mercy and Pineville	2	2.00	4,922	860	4,062	2,507	4,922	344.0	966.0	6651	966.0	6651	6651	0	0	0	0
Mecklenburg	Carolinas Medical Center - University	1	1.00	5,376	717	4,659	2,905	5,376	286.8	988.4	4415	988.4	4415	4415	0	0	0	0
Mecklenburg	Carolinas Neurosurgery & Spine - Baldwin Ave.	1	0.79	3,815	-	3,815	1,501	3,815	-	69.2	1017	69.2	1017	1017	0	0	0	0
Mecklenburg	Carolina Neurosurgery & Spine - Balahtyne	1	0.20	948	-	948	775	948	-	-	0	-	0	0	0	0	0	0
Mecklenburg	Carolina Specialty Hospital	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0
Mecklenburg	Charlotte Institute of Rehabilitation	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0
Mecklenburg	Presbyterian Hospital	2	2.00	9,364	4,442	4,904	4,589	9,346	1,776.8	1,835.6	12958	1,835.6	12958	981	4783	4805	0	
Mecklenburg	Presbyterian Imaging Center University - Insight	1	0.17	835	-	835	519	835	0	126.4	981	126.4	981	2989	4783	4805	0	
Mecklenburg	Presbyterian Imaging Center Mint Museum	1	1.00	2,414	0	2,414	976	2,414	0	575.2	2989	575.2	2989	4402	4783	4805	0	
Mecklenburg	Presbyterian Hospital Huntersville	1	0.81	3,893	761	3,132	3,382	3,893	304	204.4	7628	204.4	7628	7628	4783	4805	0	
Mecklenburg	Presbyterian Hospital Matthews	1	1.00	6,138	1,303	4,835	3,715	6,138	521.2	969.2	3540	969.2	3540	8842	4783	4805	0	
Mecklenburg	6 Assigned Equivalency % for New Mobile scanner	1	0.20	3,154	53	3,101	2,243	3,154	21.2	364.4	3540	21.2	364.4	8842	4783	4805	0	
Mecklenburg	Presbyterian Orthopaedic Hospital	1	1.00	8,737	15	8,722	8,475	8,737	-	104.8	8842	104.8	8842	8842	4783	4805	0	
Mecklenburg	Miller Orthopaedic	1	0.50	8,737	15	8,722	8,475	8,737	-	104.8	8842	104.8	8842	8842	4783	4805	0	
Mecklenburg	14 Assigned Equivalency % for New Mobile scanner	17	21.04	84,182	-	-	-	-	-	-	-	-	-	100627	4783	4805	0	

Table 90- MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/Tiered & % Mobile Equivalents

MRI - Service Area	Facility	Fixed MRI Magnets	Fixed Equivalent Magnets	Total Scans	Inpt MRI	Outpt MRI	Contrast	No Contrast	Total MRI	Inpt Adjust	Contrast Adjust	Adjusted Total	Area Average Procedures	Threshold	MRI Need
Acute Care Service Area	Struve Pine Community Hospital	1	1	1,222	47	1,175	909	313	1,222	18.8	363.6	1604	1604	3775	0
	FirstHealth Montgomery Memorial - FH mobile	1	1	331	2	329	71	260	331	0.8	28.4	360	360	1716	0
	No Hospital	1	0.88	-	-	4,252	-	-	-	-	-	0	-	-	-
Moore	Pinhurst Surgical Center / Alliance Imaging Mobile	1	1.00	4,252	-	-	-	-	-	-	-	0	-	-	-
Moore	Pinhurst Surgical Center / Alliance Imaging	1	3.00	12,802	2,773	10,029	5,098	7,704	12,802	1,109.2	2,039.2	15950	15950	479	0
Moore	FirstHealth Moore Regional Hospital	3	0.09	416	-	416	157	259	416	-	62.8	479	479	2352	0
Moore	FirstHealth Moore - FirstHealth Mobile (FH)	1	0.43	2,044	-	2,044	771	1,273	2,044	-	308.4	18782	18782	3480	0
Moore	Southern Pines Diag. Imaging MedQuest	1	5.40	19514	-	-	-	-	-	-	-	-	-	-	-
Moore/Hoke	Total	4	10.00	NA	-	-	-	-	-	-	-	-	-	-	-
Nash	Nash Imaging-Nash Community Health	1	2.00	6,161	1,188	4,993	2,649	3,512	6,161	467.2	1,056.6	7688	7688	4462	0
Nash	Nash Health Care Systems	2	0.22	915	-	915	264	651	915	-	105.6	1021	1021	-	-
Nash	Boice Willis Clinic - Alliance	1	0.00	7076	-	-	-	-	-	-	-	8708	8708	2703	0
Nash	Boice Willis Clinic - Alliance Temp Unit	1	3.22	1,383	-	1,383	348	1,035	1,383	-	139.2	1522	1522	-	-
Nash	Total	3	0.29	1,383	-	1,383	348	1,035	1,383	-	139.2	1522	1522	-	-
New Hanover	Atlantic Diagnostic	1	0.00	554	0	554	0	554	554	0	-	0	0	-	-
New Hanover	Atlantic Diagnostic - Alliance	1	1.00	3,361	0	3,361	631	2,730	3,361	0	252.4	3613	3613	-	-
New Hanover	Atlantic Orthopaedics, P.A. - ATOR Properties	1	0.70	1,865	0	1,865	1012	853	1,865	0	404.8	2270	2270	-	-
New Hanover	Cape Fear Diagnostic Imaging Medquest	1	0.39	546	0	546	0	546	546	0	-	546	546	-	-
New Hanover	WHA Medical Clinic	1	0.11	2,419	0	2,419	915	1,504	2,419	0	366.0	2785	2785	-	-
New Hanover	Wilmington Orthopaedic	1	0.50	2,419	0	2,419	915	1,504	2,419	0	-	0	0	-	-
New Hanover	Wilmington Radiologists	1	0.00	9,442	3,521	5,921	4,768	4,674	9,442	1,408.4	1,907.2	12758	12758	-	-
New Hanover	Delaney Radiologists - Ashton	4	4.00	1,00	-	-	-	-	-	-	-	-	-	-	-
New Hanover	Delaney Regional Medical Center	4	1.00	0.77	-	-	-	-	-	-	-	-	-	-	-
New Hanover	15 Assigned Equivalency % for New Mobile scanner	1	0.14	8.90	-	-	-	-	-	-	-	-	-	-	-
New Hanover	4 Assigned Equivalency % for New Mobile scanner	1	0.14	8.90	-	-	-	-	-	-	-	-	-	-	-
New Hanover	5 Assigned Equivalency % for New Mobile scanner	1	0.14	8.90	-	-	-	-	-	-	-	-	-	-	-
New Hanover	Total	5	8.90	19570	-	-	-	-	-	-	-	24048	24048	2701	4805

Table 90: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/Tiered & % 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	Area Average Procedures	Threshold	MRI Need
Onslow	*Jacksonville Diagnostic Imaging / Coastal Diagnostic MedQuest	^1	1.00	4,678	16	4,678	780	3,898	4,678	6.4	312.0	4996			
Onslow	Onslow Memorial Hospital	1	1.00	3,198	449	2,749	1,588	1,626	3,214	179.6	635.2	4029			
Onslow	Jacksonville Diag. Imaging / Coastal Medquest	1	1.00	7876	0	7876	547	1448	1,995	0	218.8	2214			
Onslow	Total	2	3.00	15,552	449	15,103	1,875	2,102	17,205	179.6	1,066.0	9025	3008	4118	0
Caswell	No Hospital	1	1.00	1,995	0	1,995	547	1448	1,995	0	218.8	2214			
Orange	*Wake Radiology Diagnostic Imaging Chapel Hill UNC Hospitals	6	6.00	25,598	8,594	17,004	18,545	7,053	25,598	3,437.6	7,418.0	38454			
Orange	2008 SMFP Need Determination	1	1.00	8,000	0	8,000	547	1448	8,000	0	218.8	8,000			
Orange	Total	8	8.00	33,598	8,594	25,004	24,092	8,501	33,598	3,437.6	9,636.8	46,904	4833	4805	1
Carnden	No Hospital	^1	0.00	0	0	0	0	0	0	0	0	0			
Curttuck	RMS Curttuck Internal Medicine RMS Carolina Family Practice	^1	0.00	0	0	0	0	0	0	0	0	0			
Perquimans	No Hospital	1	1.00	4,061	568	3,493	1,472	2,589	4,061	227.2	588.8	4877			
Pasquotank	Albemarle Hospital Albemarle Hospital	1	1.00	4,061	568	3,493	1,472	2,589	4,061	227.2	588.8	4877			
C-C-P-P	Total	2	2.00	8,122	1,136	6,986	2,944	5,178	8,122	454.4	1,177.6	9,754	2439	4118	0
Pender	*Atlantic Diagnostic Pender Memorial Hospital	^1	0.22	375	20	355	112	263	375	8.0	44.8	428			
Pender	4 Assigned Equivalency % for New Mobile scanner	^1	0.08	375	0	375	112	263	375	0	0	375			
Pender	Total	2	0.30	750	20	730	224	526	750	8.0	44.8	803	428	1716	0
Person	12 Assigned Equivalency % for New Mobile scanner	^1	0.33	1,145	93	1,052	326	819	1,145	37.2	130.4	1313			
Person	Person Memorial Hospital	^1	0.67	1,145	93	1,052	326	819	1,145	37.2	130.4	1313			
Person	Total	2	1.00	2,290	186	2,104	652	1,638	2,290	74.4	260.8	2626	1316	1716	0
Greene	No Hospital	^1	0.00	0	0	0	0	0	0	0	0	0			
Pitt	*Atlantic Radiology Associates Orthopaedics East - Alliance Physicians East - King's Medical	^1	0.23	1,084	0	1,084	91	993	1,084	0	36.4	1120			
Pitt	*Greenville MRI (CPT)	1	1.00	8,773	0	8,773	3168	5605	8,773	0	1,267.2	10040			
Pitt	*MRI of Eastern NC Pitt County Memorial Hospital (CPT)	1	1.00	6,934	0	6,934	1291	5643	6,934	0	516.4	7450			
Pitt	Pitt County Memorial Hospital	2	2.00	9,425	6,135	3,290	4,526	4,899	9,425	2,454.0	1,810.4	13689			
Pitt/Greene	Total	7	7.23	26,216	6,135	20,081	9,426	11,507	26,216	2,454.0	3,594.0	32300	4470	4805	0
Polk	9 Assigned Equivalency % for New Mobile scanner	^1	0.14	336	31	305	0	0	305	12.4	0	320			
Polk	St Lukes Hospital - Insight	^1	0.20	336	31	305	0	0	305	12.4	0	320			

Table 90: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/ Tiered & % Mobile Equivalents

MRI - Acute Care Service Area	Facility	Fixed MRI Magnets	Fixed Equivalent Magnets	Total MRI Scans	Inpt MRI	Outpt MRI	No Contrast		With Contrast		Adjusted Total	Area Average Procedures	Threshold	MRI Need
							Total MRI	Inpt MRI	Total MRI	Inpt MRI				
^Ashboro Imaging		^1	0.36	1,353	1	1,352	236	1,115	1,351	0	94.4	1446		
^Randolph Hospital - King's Medical		^1	0.00	3,130	450	2,680	1,328	1,802	3,130	180.0	531.2	3841		
^Randolph Hospital		1	1.00	4483								5287	3892	3775
^Total		^1	1.36	4483								1657		
^FirstHealth Richmond Memorial		^1	0.82	1,408	131	1,277	492	916	1,408	52.4	196.8	1058		
^Sandhills Regional Medical Center - Insight		^1	0.24	901	158	743	234	667	901	63.2	93.6			
^2008 SMFP Need Determination		1	1.00	2,309								2715	1318	1716
^Total		1	2.06	2,309								597		0
^Waccamaw Imaging - Allen Ortho		^1	0.14	597	-	597	-	597	597	-	-	0		
^Southeastern Regional Medical Center - Alliance		^1	0.00	6,106	1,446	4,759	1,338	4,768	6,106	578.4	535.2	7220	3644	4118
^Southeastern Regional Medical Center		2	2.00	6,703								7817		0
^Total		2	2.14	6,703								3681		
^Annie Penn Hospital		1	1.00	3,055	392	2,663	1,174	1,881	3,055	156.8	469.6	3681		
^Morehead Memorial Hospital		1	1.00	2,737	339	2,398	-	-	-	135.6	-	136		
^Reidsville Imaging - Insight		^1	0.20	829	-	829	104	725	829	-	41.6	871		
^Total		2	2.20	6,621								4688	2129	4118
^Rockingham		^1	0.00	-	-	-	-	-	-	-	-	0		
^Rockingham		^1	0.00	-	-	-	-	-	-	-	-	0		
^Rowan		^1	0.00	-	-	-	-	-	-	-	-	0		
^Salisbury Ortho Associates		^1	3.00	11,847	1,023	10,824	3,276	8,571	11,847	409.2	1,310.4	13567	4522	4462
^Rowan Medical Center		3	3.00	11,847								13567		1
^Total		3	3.00	11,847								13567		
^Rutherford Hospital		1	1.00	3,322	401	2,921	1,230	2,092	3,322	160.4	492.0	3974	2114	3775
^Rutherford Hospital		^1	0.88	3,322								3974		0
^Total		1	1.88	3,322								3974		
^Sampson Regional Medical - Alliance		^1	0.33	1249	168	1,081	297	952	1,249	67.2	118.8	1435		
^Clinton Medical Clinic		^1	0.18	691	-	629	91	538	629	-	36.4	665		
^3 Sampson Regional Medical - WakeMed Mobile		^1	0.12	453	33	420	122	331	453	13.2	48.8	515		
^Sampson Regional Diagnostic Center, LLC		1	1.00	1,801	76	1,725	395	1,415	1,810	30.4	158.0	1998	2824	3775
^Total		1	1.63	4,194								4614		0
^2007 SMFP Need Determination		1	1.00	1549	-	1,549	427	1,122	1,549	-	170.8	1720		
^Scotland Imaging, LLC		^1	0.38	3,170	702	2,468	1,161	2,009	3,170	280.8	464.4	3915	2371	4118
^Scotland Memorial Hospital		1	1.00	4,719								5635		0
^Total		2	2.38	4,719								5635		
^Stanny Memorial Hospital		1	1.00	NA	294	2,937	1042	2195	3,237	117.6	416.8	3771	1886	4118
^Stanny Memorial Hospital		1	1.00	3,237								3771		0
^Total		2	2.00	3,237								3771		
^SUBTOTAL		64	79.93	245451								513	513	1716
^Stokes-Reynolds Memorial Hospital		^1	0.29	498	-	498	38	460	498	-	15.2	513		0
^1 FMC Mobile - Mountainview Medical		^1	0.29	498								513		
^Total		-	0.29	498								513		
^Hugh Chatham Memorial Hospital		1	1.00	3,485	297	3,188	491	2,994	3,485	118.8	196.4	3800		
^Northern Hospital of Surry County		1	1.00	3,823	348	3,475	1,077	2,746	3,823	139.2	430.8	4393		
^2008 SMFP Need Determination		1	1.00	7308								8193	2731	4118
^Total		3	3.00	7308								8193		0
^Swain County Hospital - Alliance		^1	0.08	134	-	134	29	105	134	-	11.6	146	230	1716
^Brevard MRI at Transylvania Community Hospital		1	1.00	2,245	128	2,117	438	1,807	2,245	51.2	175.2	2471	2471	3775
^Total		1	1.00	2,245								2471		0
^Union Medical Services, LLC		1	1.00	4,360	1,023	3,337	0	0	4,360	409.2	-	4769	2385	4118
^CNC - Union Regional Medical Center		1	1.00	4,360								4769		0
^Total		2	2.00	4,360								4769		

Table 90: MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/Tiered & % 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	Area Average Procedures	Threshold	MRI Need
Warren	No Hospital														
Vance	2007 SMFP Need Determination Marla Parham Hospital	1	1	1,000		2,825				359.6	168.8	4,252	2126	4116	0
VanceWarren	Total	2	2	2,000		3,724						4,252			
Wake	Raleigh Radiology at Cedarhurst	1	1	1,000											
Wake	5 Assigned Equivalency % for New Mobile scanner	1	1	0.57						0	-	0			
Wake	Rex Healthcare of Cary	1	1	1,000						0	-	0			
Wake	Rex Healthcare of Wakefield (mobile)	1	1	1,000						0	-	0			
Wake	* Raleigh Neurology	1	1	1,000						0	-	0			
Wake	Raleigh Radiology	1	1	1,000						0	-	0			
Wake	* Carolina Rehab & Surgical Association	1	1	0.24						2.4	698.4	824.7			
Wake	*Cary Radiology	1	1	0.01						0	25.6	116.7			
Wake	*Dorothea Dix	1	1	0.03						0	2.0	39			
Wake	*NC Dept of Correction	1	1	0.00						36.8	30.8	218			
Wake	*North Raleigh Diagnostic	1	1	0.02						0	-	0			
Wake	*10 Wake Radiology - Garner Office-WRS Mobile	1	1	0.15						0	4.4	7.7			
Wake	*Raleigh Orthopaedic	1	1	0.15						1	1	7.5			
Wake	Wake Radiology Services - Raleigh MRI Center	2	2	2.00						0	1,374.4	11,462			
Wake	10 Wake Radiology - Raleigh MRI -WRS Mobile	1	1	0.40						0	234.4	2,700			
Wake	Duke Raleigh Hospital	1	1	1.00						294.0	685.6	4,864			
Wake	Rex Healthcare	2	2	2.00						961.2	1,832.0	11,689			
Wake	WakeMed (CPT - 721)	2	2	2.00						1,514.4	1,511.6	13,123			
Wake	*3 WakeMed North Healthplex - WakeMed Mobile	1	1	0.11						-	47.6	572			
Wake	WakeMed Cary (CPT - 131)	1	1	1.00						330.4	622.0	4,993			
Wake	*1Assigned Equivalency % for New Mobile scanner	11	11	15.52								66,415	4,280	4,805	0
Washington	5 Assigned Equivalency % for New Mobile scanner	1	1	0.15						8.8	-	9	9	1716	0
Washington	Washington County Hospital - SMT	1	1	0.21						205.2	563.2	4,501	2,251	4,118	0
Watauga	Watauga Medical Center	2	2	2								0			
Wayne	*Goldsporo Orthopaedic - Alliance	1	1	0.00						-	-	0			
Wayne	Wayne Memorial Hospital / Wayne MRI, LLC	2	2	2.00						225.6	581.6	6,595	3,298	4,118	0
Wayne	Total	2	2	2.00								6,595			
Wilkes	Wilkes Regional Medical Center	1	1	1						141.2	663.2	4,162	2,081	3,775	0
Wilkes	2008 SMFP Need Determination	1	1	1								0			
Wilkes	Total	2	2	2.00								4,162			
Wilson	* Regional MRI of Wilson (O-1)	1	1	1.00						0	-	0			
Wilson	*Professional Diagnostic Services	1	1	0.00						0	-	0			
Wilson	Wilson Medical Center (CPT)	1	1	1.00						340.8	802.0	5,221	1,740	4,462	0
Wilson	WILMED Imaging Services, LLC	1	1	1.00								5,221	2,222	4,462	0
Wilson	Total	3	3	3.00						3.6	10.4	2,222	2,222	4,462	0
Yadkin	Hooks Memorial	1	1	0.12								0			
Yadkin	2 Assigned Equivalency % for New Mobile scanner	1	1	0.28								0			
Yadkin	Total	2	2	0.40								0			
<b>SUBTOTAL</b>	<b>Total</b>	<b>28</b>	<b>28</b>	<b>33.42</b>	<b>88026</b>	<b>208</b>	<b>208</b>	<b>0</b>	<b>208</b>	<b>3.6</b>	<b>10.4</b>	<b>222</b>	<b>222</b>	<b>1716</b>	<b>0</b>

**Table 90- MRI Procedures by MRI Service Areas - All Fixed and Mobile Procedures - 2009 SMFP - TOTALS w/Tiered & % Mobile Equivalents**

MRI - Acute Care Service Area	Facility	Fixed	Fixed	Total	Inpt MRI	Output MRI	No		Total MRI	Inpt Adjust	Contrast Adjust	Adjusted Total	Area Average Procedures	Threshold	MRI Need
		MRI	Magnets	MRI			Scans	Contrast							
<b>TOTALS</b>		206	254,871	730,662											3

Total of Need Determinations:

CONs for Newer Mobile MRI Scanners and Equivalency %:

- 1 Forsyth Medical Center (FMC)
- 2 Alliance Imaging, Inc. - Western
- 3 WakeMed
- 4 Alliance Imaging, Inc. - Eastern
- 5 Insight Health Corp.
- 6 Carolinas Imaging Services, LLC (CIS)
- 7 Blue Ridge Radiology Associates (BRRRA)
- 8 Frye Regional Medical Center
- 9 Carolinas Imaging Services, LLC (CIS)
- 10 Wake Radiology Services, LLC (WRS)
- 11 University Health Systems (UHS)
- 12 Alamance Regional Medical Center
- 13 High Point Regional Health System
- 14 Imaging Associates of the Carolinas
- 15 Porters Neck Imaging - Delaney Radiologists
- 16 Orthopaedic Specialists of the Carolinas, PA (OSC) - Projected to be operational January 2008
- 17 Raleigh Orthopaedic Clinic, PA

(0-1) = 1 open MRI

Threshold	4+ Fixed Scanners =	4,805
	3 Fixed Scanners =	4,462
	2 Fixed Scanners =	4,118
	1 Fixed Scanners =	3,775
	0 Fixed Scanners =	1,716

\*1 = Mobile Site  
 \* Name of Facility = Free-standing Fixed MRI Provider  
 NA = Not Applicable, not operational for time period ending September 30, 2006

CPT - CPT Code 76375 - MRI 3-D Reconstruction Procedures have been removed from each entry's Total MRI Scans, Outpatient MRI and No Contrast column totals.  
 Considered not appropriate to count as procedures that would contribute to additional MRI scanner need determinations.

**Table 9Q: Fixed MRI Scanners Need Determination**  
*(Scheduled for Certificate of Need Review during 2009)*

It is determined that the service areas listed in the tables below need additional Fixed MRI Scanners as specified:

HSA	MRI Service Area	Fixed MRI Scanners Need Determination*	CON Application Due Date**	CON Beginning Review Date
IV	Orange	1	To be determined	To be determined
II	Randolph	1	To be determined	To be determined
III	Rowan	1	To be determined	To be determined
	TOTAL	3		

It is determined that there is no need for any additional fixed MRI scanners anywhere else in the State, except for approved adjusted need determinations for fixed MRI scanners found elsewhere in this section of Chapter 9 of this 2009 State Medical Facilities Plan.

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

\*\* Application Due Dates are absolute deadlines. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute (See Chapter 3).