

**Table 9G: Hospital and Free-Standing Linear Accelerators and Radiation Oncology
Procedures - Draft 9/9/2014**

Facility Name	Service Area Number	County	Number of Linear Accelerators	Number of Procedures (ESTVs) 10/1/2012-9/30/2013	Average Number of Procedures per Unit
Medwest Harris	1	Jackson	1	3,935	3,935
NC Radiation Therapy - Franklin	1	Macon	1	2,104	2,104
Mission Hospital	2	Buncombe	3	15,461	5,154
NC Radiation Therapy - Asheville	2	Buncombe	2	6,737	3,369
NC Radiation Therapy - Clyde	2	Haywood	1	3,661	3,661
NC Radiation Therapy - Marion	2	McDowell	1	3,356	3,356
Watauga Medical Center	3	Watauga	1	4,256	4,256
Margaret R. Pardee Memorial Hospital	4	Henderson	1	6,071	6,071
NC Radiation Therapy - Hendersonville	4	Henderson	1	2,824	2,824
NC Radiation Therapy - Brevard	4	Transylvania	1	2,532	2,532
Carolinas Medical Center - Blue Ridge	5	Burke	2	5,489	2,745
Caldwell Memorial Hospital	5	Caldwell	1	2,267	2,267
Catawba Valley Medical Center	5	Catawba	2	11,204	5,602
Frye Regional Medical Center	5	Catawba	1	5,773	5,773
Cleveland Regional Medical Center	6	Cleveland	1	7,507	7,507
CaroMont Regional Medical Center	6	Gaston	3	14,695	4,898
NC Radiation Therapy - Forest City	6	Rutherford	1	5,122	5,122
Levine Children's Hospital	7	Mecklenburg	3	18,618	6,206
Matthews Radiation Oncology Center	7	Mecklenburg	1	10,128	10,128
Novant Health Presbyterian Medical Center	7	Mecklenburg	4	11,499	2,875
Pineville Radiation Therapy Center	7	Mecklenburg	1	10,546	10,546
University Radiation Therapy Center	7	Mecklenburg	1	5,967	5,967
Carolinas Medical Center-Union	7	Union	1	7,769	7,769
Iredell Memorial Hospital	8	Iredell	2	6,316	3,158
Lake Norman Radiation Oncology Center	8	Iredell	1	9,856	9,856
Novant Health Imaging	8	Rowan	1	5,540	5,540
Carolinas Medical Center - NorthEast	9	Cabarrus	2	12,742	6,371
Stanly Regional Medical Center	9	Stanly	1	3,511	3,511
North Carolina Baptist Hospital	10	Forsyth	4	21,575	5,394
Novant Health Forsyth Medical Center	10	Forsyth	4	28,489	7,122
Hugh Chatham Memorial Hospital	10	Surry	1	4,397	4,397
Lexington Medical Center	11	Davidson	1	3,322	3,322
Cone Health Cancer Center- Wesley Long	12	Guilford	4	23,869	5,967
High Point Regional Health	12	Guilford	2	8,519	4,259
Morehead Memorial Hospital	12	Rockingham	1	5,535	5,535
Randolph Hospital	13	Randolph	1	4,269	4,269
University of North Carolina Hospital	14	Orange	5	33,099	6,620
Alamance Regional Mebane Outpatient - Mebane	15	Alamance	2	9,445	4,723
Duke Regional Hospital	16	Durham	1	5,333	5,333

Table 9G: Hospital and Free-Standing Linear Accelerators and Radiation Oncology Procedures - Draft 9/9/2014

Facility Name	Service Area Number	County	Number of Linear Accelerators	Number of Procedures (ESTVs) 10/1/2012-9/30/2013	Average Number of Procedures per Unit
Duke University Hospital	16	Durham	8	37,905	4,738
Maria Parham Medical Center	16	Vance	1	4,434	4,434
FirstHealth Moore Regional Hospital	17	Moore	3	18,356	6,119
Scotland Memorial Hospital	17	Scotland	1	3,906	3,906
Cape Fear Valley Medical Center	18	Cumberland	5	18,290	3,658
Southeastern Regional Medical Center	18	Robeson	1	7,741	7,741
NC Radiation Therapy - Clinton	18	Sampson	1	2,343	2,343
South Atlantic Radiation Oncology	19	Brunswick	1	5,779	5,779
Coastal Carolina Radiation Oncology	19	New Hanover	2	13,207	6,603
New Hanover Regional Medical Center	19	New Hanover	1	6,315	6,315
Franklin County Cancer Center	20	Franklin	1	115	115
Cancer Centers of North Carolina	20	Wake	3	15,429	5,143
Duke Raleigh Hospital	20	Wake	1	9,526	9,526
Rex Hospital, Inc.	20	Wake	4	18,118	4,530
Clayton Radiology Oncology	22	Johnston	1	3,605	3,605
Smithfield Radiation Oncology	22	Johnston	1	4,394	4,394
Lenoir Memorial Hospital	23	Lenoir	1	4,532	4,532
NC Radiation Therapy - Goldsboro	23	Wayne	1	5,865	5,865
Carteret General Hospital	24	Carteret	1	3,714	3,714
CarolinaEast Medical Center	24	Craven	2	7,674	3,837
Onslow Radiation Oncology	25	Onslow	1	3,629	3,629
Roanoke Valley Cancer Center	26	Halifax	1	2,712	2,712
Nash General Hospital	26	Nash	2	8,138	4,069
Wilson Medical Center	26	Wilson	1	4,592	4,592
Vidant Beaufort Hospital	27	Beaufort	1	2,584	2,584
Vidant Roanoke-Chowan Hospital	27	Hertford	1	2,813	2,813
Leo Jenkins Cancer Center	27	Pitt	2	10,415	5,207
NC Radiation Therapy - Greenville	27	Pitt	2	11,959	5,980
Vidant Medical Center	27	Pitt	1	1,678	1,678
The Outer Banks Hospital, Inc.	28	Dare	1	2,066	2,066
Albemarle Health: A Vidant Partner in Health	28	Pasquotank	1	4,559	4,559
Totals (69 Facilities)			122	599,719	4,916

**Table 9H: Linear Accelerator Service Areas and Calculations -
Draft 9/9/2014**

Service Area	2014 Population	Accelerators	Population within Service Area Per Accelerator	Percentage of Patients from Outside the Service Area	2012-2013 ESTV Procedures	Procedures Per Accelerator	ESTV Procedures Divided by 6,750 Minus # of Accelerators	Need Determinations
Area 1	136,494	2	68,247	9.34%	6,039	3,019	-1.11	*
Area 2	411,985	7	58,855	19.20%	29,215	4,174	-2.67	*
Area 3	98,252	1	98,252	18.79%	4,256	4,256	-0.37	*
Area 4	164,098	3	54,699	17.81%	11,427	3,809	-1.31	*
Area 5	364,563	6	60,761	9.36%	24,733	4,122	-2.34	*
Area 6	456,089	5	91,218	8.33%	27,324	5,465	-0.95	*
Area 7	1,252,056	11	113,823	21.89%	64,526	5,866	-1.44	*
Area 8	306,239	4	76,560	33.41%	21,711	5,428	-0.78	*
Area 9	250,090	3	83,363	25.03%	16,253	5,418	-0.59	*
Area 10	643,508	9	71,501	38.47%	54,461	6,051	-0.93	*
Area 11	164,110	1	164,110	4.71%	3,322	3,322	-0.51	
Area 12	604,864	7	86,409	19.55%	37,922	5,417	-1.38	*
Area 13	142,678	1	142,678	17.68%	4,269	4,269	-0.37	
Area 14**	210,192	5	42,038	78.41%	33,099	6,620	-0.10	*
Area 15	177,964	2	88,982	9.31%	9,445	4,723	-0.60	*
Area 16**	454,031	10	45,403	58.39%	47,671	4,767	-2.94	*
Area 17	314,784	4	78,696	22.83%	22,262	5,565	-0.70	*
Area 18	567,868	7	81,124	13.61%	28,374	4,053	-2.80	*
Area 19	450,443	4	112,611	13.32%	25,300	6,325	-0.25	*
Area 20	1,048,642	9	116,516	17.15%	43,187	4,799	-2.60	*
Area 21	125,646	0						1
Area 22	180,064	2	90,032	37.36%	7,998	3,999	-0.82	*
Area 23	245,125	2	122,563	13.50%	10,397	5,199	-0.46	
Area 24	198,039	3	66,013	12.40%	11,388	3,796	-1.31	*
Area 25	197,742	1	197,742	15.08%	3,629	3,629	-0.46	
Area 26	306,759	4	76,690	8.54%	15,442	3,861	-1.71	*
Area 27	331,587	7	47,370	29.67%	29,449	4,207	-2.64	*
Area 28	152,576	2	76,288	4.26%	6,625	3,313	-1.02	*
Totals	9,956,488	122	81,611		599,719	4,916	-33.15	1

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

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