

Table 9L: PET Scanner Utilization of Existing Fixed Dedicated Scanners

Center	2013-2014	2014-2015	2015-2016	2016-2017	HSA	Inventory	Utilization Rate	Need Determination by Criteria-80% of Present Capacity
							2017 Procedures / 3000 as Capacity	
Catawba Valley Medical Center / Frye Regional Medical Center (j)	989	1,054	1,094	1,190	I	1	39.67%	0
Mission Hospital (f)	1,808	1,982	1,994	2,040	I	1	68.00%	0
Alamance Regional Medical Center (u)	780	631	695	791	II	1	26.37%	0
High Point Regional Health ( r )	592	639	649	815	II	1	27.17%	0
Cone Health (o)	1,463	1,693	1,744	1,726	II	1	57.53%	0
North Carolina Baptist Hospital (x)	1,967	2,017	2,384	2,610	II	2	43.50%	0
Novant Health Forsyth Medical Center (p)(y)	2,518	2,726	3,025	2,969	II	2	49.48%	0
Carolinas HealthCare System NorthEast (n)	972	995	1,039	1,026	III	1	34.20%	0
Carolinas HealthCare System Union (w)	349	446	519	579	III	1	19.30%	0
Carolinas Medical Center (a), (k)	3,483	3,593	4,175	4,134	III	2	68.90%	0
CaroMont Regional Medical Center (m)	732	707	833	652	III	1	21.73%	0
Iredell Memorial Hospital (t)	408	408	450	531	III	1	17.70%	0
Novant Health Presbyterian Medical Center(q)	1,619	1,970	1,838	1,711	III	1	57.03%	0
Duke University Hospital (d)	4,084	4,220	4,643	4,774	IV	2	79.57%	0
Rex Hospital (e)	1,918	2,085	2,231	2,556	IV	1	85.20%	1
UNC Hospitals (b)	2,142	2,775	2,968	4,152	IV	2	69.20%	0
Wake PET Services, Wake Radiology Oncology, Wake Radiology (s)	544	465	518	469	IV	1	15.63%	0
2017 Fixed PET Need Determination	-	-	-		IV	1	-	-
Cape Fear Valley Medical Center (h)	882	1,023	986	1,301	V	1	43.37%	0
FirstHealth Moore Regional Hospital	-	-	-	876	V	1	29.20%	0
First Imaging of the Carolinas ( i )	885	1,023	1,005		V	1	0.00%	0
New Hanover Regional Medical Center (g)	1,543	1,691	1,847	2,044	V	1	68.13%	0
CarolinaEast Medical Center ( l )	672	776	815	828	VI	1	27.60%	0
Nash General Hospital (v)	458	344	351	390	VI	1	13.00%	0
Vidant Medical Center ( c )	1,573	1,895	2,044	2,277	VI	1	75.90%	0
<b>TOTAL</b>	<b>32,381</b>	<b>35,158</b>	<b>37,847</b>	<b>40,441</b>		<b>30</b>	<b>44.93%</b>	<b>0</b>

- (a) Approved for additional scanner in November 2001.
- (b) Approved for scanner in June 2000 and additional scanner under Policy AC-3 in November 2005.
- (c) Approved for scanner in August 2001.
- (d) Approved for additional scanner under Policy AC-3 in September 2002.
- (e) Approved for scanner in September 2002.
- (f) Approved for scanner in January 2003.
- (g) Operational in October 2004.
- (h) Approved for scanner in August 2003. Different method used for counting procedures in 2008.
- ( i ) Approved for scanner in December 2004.
- ( j ) Approved for scanner in July 2003.
- (k) Approved for replacement of a scanner in June 2003.

- ( l ) Approved for scanner in October 2003.
- (m) Approved for scanner in December 2003.
- (n) Approved for scanner in December 2003.
- (o) Operational in October 2004.
- (p) Approved for scanners in June 2004 and November 2008.
- (q) Approved for scanner in June 2004.
- (r) Approved for scanner in January 2005.
- (s) Approved for scanner in November 2005.
- (t) Approved for scanner in January 2007.
- (u) Approved for scanner in April 2007.
- (v) Approved for scanner in May 2007.
- (w) Approved for scanner in April 2009.
- (x) Approved for scanner in April 2014
- (y) Approved to convert one fixed scanner to mobile scanner per Policy TE-1 in 2015.

**Table 9M(1): PET Scanner Provider of Mobile Dedicated Scanners**

Mobile Provider	Procedures	Utilization Rate
		Year 2016-2017 Procedures, 2600 as Capacity
Alliance Imaging I	2,767	106%
Alliance Imaging II	3,668	141%
Novant Health Forsyth Medical Center (NHFMC)*	830	32%
TOTAL		

\*Placed in service 2/27/2017. Reporting period 2/27/2017-9/30/2017.

**Table 9M(2): PET Scanner Sites Utilization of Existing Mobile Dedicated Scanners**

Mobile Site	Mobile Provider	Number of Sites	Procedures			
			2013-2014	2014-2015	2015-2016	2016-2017
Caldwell Memorial Hospital	Alliance I	1	96	79	70	102
Carolinas HealthCare System Blue Ridge	Alliance I	2	228	241	257	280
Carolinas HealthCare System Cleveland	Alliance I	1	575	685	753	786
Carolinas HealthCare System Stanly	Alliance I	1	119	173	230	226
Columbus Regional Healthcare System	Alliance II	1	0	0	0	3
Carteret General Hospital	Alliance II	1	248	230	342	249
Cone Health	Alliance I	1	29	0	0	0
Duke Raleigh Hospital	Alliance II	1	493	675	951	1,092
Harris Regional Hospital	Alliance I	1	296	305	283	263
Haywood Regional Medical Center	Alliance I	1	0	0	0	39
Johnston Health	Alliance II	1	180	203	200	195
Lake Norman Regional Medical Center	Alliance I	1	198	167	198	253
Lenoir Memorial Hospital	Alliance II	1	154	169	148	126
Margaret R. Pardee Memorial Hospital	Alliance I	1	164	172	191	180
Maria Parham Medical Center	Alliance II	1	56	160	88	75
Northern Hospital of Surry County	Alliance I	1	96	117	117	89
Novant Health Huntersville Medical Center	Alliance I	1	218	232	297	18
Novant Health Huntersville Medical Center	NHFMC	1	-	-	-	217
Novant Health Kernersville Medical Center	NHFMC	1	-	-	-	174
Novant Health Matthews Medical Center	Alliance I	1	119	119	145	19
Novant Health Matthews Medical Center	NHFMC	1	-	-	-	198
Novant Health Rowan Medical Center	Alliance I	1	239	232	236	0
Novant Health Rowan Medical Center-Julian Road	NHFMC	1	-	-	-	134
Novant Health Thomasville Medical Center	Alliance I	1	85	68	87	7
Novant Health Thomasville Medical Center	NHFMC	1	-	-	-	107
Onslow Memorial Hospital	Alliance II	1	293	363	467	503
Park Ridge Health	Alliance I	1	143	124	133	126
Randolph Hospital	Alliance I	1	146	179	151	135
Rutherford Regional Medical Center	Alliance I	1	122	134	134	127
Sentara Albemarle Medical Center	Alliance II	1	186	158	157	216
Scotland Memorial Hospital	Alliance II	1	164	163	101	115
Southeastern Regional Medical Center	Alliance II	1	273	271	264	281
The Outer Banks Hospital	Alliance II	1	116	117	141	159
Vidant Chowan Hospital	Alliance II	0	0	0	0	9
Watauga Medical Center	Alliance I	1	160	210	226	117
Wayne Memorial Hospital	Alliance II	1	303	329	348	238
Wilson Medical Center	Alliance II	1	371	430	444	407
TOTAL		37	5,870	6,505	7,159	7,265