

**Table 9I: PET Scanner Utilization of Existing Fixed Dedicated Scanners**

Center	Procedures				HSA	Inventory	Utilization Rate 2009 Procedures/ 3000 as Capacity	Need Determination by Criteria - 80% of Present Capacity
	2005- 2006	2006- 2007	2007- 2008	2008- 2009				
Mission Hospitals (f)	1,003	1,607	1,674	1,710	I	1	57.00%	
Catawba Valley/ Frye Reg. (j)	1,258	1,574	1,597	1,539	I	1	51.30%	
N.C. Baptist Hospitals	1,477	1,919	2,011	2,161	II	1	72.03%	
Moses Cone Health System (o)	1,760	1,955	2,161	2,105	II	1	70.17%	
Forsyth Medical Center (p)	2,417	2,983	3,208	3,762	II	2	62.70%	
High Point Regional ( r )	574	785	1,101	1,278	II	1	42.60%	
Alamance Reg. Medical Ctr. (u)	374	480	37	618	II	1	20.60%	
Carolinas Med Center (a), (k)	3,635	3,654	3,510	3,392	III	2	56.53%	
CMC-Union (w)				0	III	1	0.00%	mobile procedures only
Gaston Memorial Hospital/CIS Summit (m)	846	984	870	929	III	1	30.97%	
CMC-NorthEast Medical Center (n)	615	818	868	1,046	III	1	34.87%	
The Presbyterian Hospital (q)	1,988	2,173	2,062	2,126	III	1	70.87%	
Iredell Memorial Hospital (t)		NA	306	560	III	1	18.67%	
Duke Univ. Hospital (d)	3,596	3,858	3,924	4,272	IV	2	71.20%	
UNC Hospitals (b)	1,386	1,878	1,553	1,073	IV	2	17.88%	
Rex Hospital (e)	1,913	2,139	1,704	1,887	IV	1	62.90%	
Wake PET Services, Wake Radiology Oncology, Wake Radiology (s)	NA	NA	NA	324	IV	1	10.80%	
New Hanover Reg. Med. (g)	755	895	1,020	1,023	V	1	34.10%	
Cape Fear Valley Medical Ctr. (h)	2,069	2,268	1,672	1,740	V	1	58.00%	
First Imaging of the Carolinas ( i )	550	865	1,036	1,147	V	1	38.23%	
Pitt Co. Memorial ( c )	832	981	1,120	1,293	VI	1	43.10%	
CarolinaEast Medical Center ( l )	831	852	869	1,048	VI	1	34.93%	
Nash General Hospital (v)	336	421	0	237	VI	1	7.90%	mobile procedures, too
<b>TOTAL</b>	<b>28,215</b>	<b>33,089</b>	<b>32,303</b>	<b>35,270</b>		<b>27</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 1 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.