
Chapter 7: Other Acute Care Services

Draft tables prepared for the Proposed 2010 North Carolina State Medical Facilities Plan.

Following are preliminary drafts of tables 7A, 7B, 7C, 7D, and 7E. These tables reflect data reported on the 2009 Hospital License Renewal Applications.

The data in these tables indicate no additional need for the following services for review during calendar year 2010:

- Open-Heart Surgery Services
 - Heart-Lung Bypass Machines
 - Burn Intensive Care Services
 - Bone Marrow Transplant Services
 - Solid Organ Transplant Services
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Table 7A: Open-Heart Surgery Procedures
(Procedures Utilizing Heart-Lung Bypass Machines)
Adults

Facility	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Cape Fear Valley Medical Center	225	243	283	317	326	327	387	388	356	448	458	432	352	301	299
Carolinas Medical Center Mercy/Pineville	357	396	388	425	283	290	272	246	231	199	134	150	104	92	62
Carolinas Medical Center/ Center for Mental Health	1068	1118	1281	1242	1280	1143	997	941	875	719	710	631	615	640	457
CMC-NorthEast	178	292	318	271	193	248	297	340	307	361	375	286	296	257	227
Craven Regional Medical Center	102	140	126	139	244	184	193	215	240	222	238	255	255	219	209
Duke University Hospital	1318	1367	1477	1490	1578	1494	1555	1565	1428	1229	995	914	947	852	829
Durham Regional Hospital	179	179	170	170	175	198	204	173	178	170	168	166	142	119	87
FirstHealth Moore Regional Hospital	233	282	269	291	294	366	340	393	355	429	316	387	319	369	406
Forsyth Memorial Hospital	661	722	769	836	763	703	792	675	688	717	609	747	598	657	634
Frye Regional Medical Center	470	621	614	598	557	359	408	315	271	281	388	374	344	224	206
Gaston Memorial Hospital					30	217	316	313	309	309	248	202	246	183	190
High Point Regional Health System	375	342	309	301	295	315	302	339	273	293	295	313	281	194	208
Memorial Mission Hospital and Asheville Surgery Center	822	983	1077	1200	1185	1186	1161	1193	1053	1064	1084	1025	1105	1067	992
Moses Cone Health System	690	852	1016	1030	1029	1005	935	894	889	829	883	849	860	578	596
New Hanover Regional Medical Center	501	587	643	694	646	709	684	689	709	794	691	476	497	529	522
North Carolina Baptist Hospital	682	637	767	726	674	677	660	564	666	625	563	521	534	511	496
Pitt County Memorial Hospital	969	1012	1069	1091	1098	1102	1208	1147	1111	1096	933	938	1042	805	865
Presbyterian Hospital	783	865	845	848	753	760	633	609	564	551	412	401	306	301	321
Rex Hospital	399	454	431	479	550	516	526	448	416	419	369	357	359	334	313
Southeastern Regional Medical Center													15	58	71
University of North Carolina Hospitals	264	276	284	291	289	304	297	282	268	246	283	361	311	265	238
WakeMed	892	974	1025	1059	1123	1048	1043	1141	1072	1040	976	1032	931	894	908
Total Procedures	11168	12342	13161	13498	13365	13151	13210	12870	12259	12041	11128	10817	10459	9449	9136

Adult Open Heart Surgery Procedures: 1994-2008

(Procedures Utilizing Heart-Lung Bypass Machines)

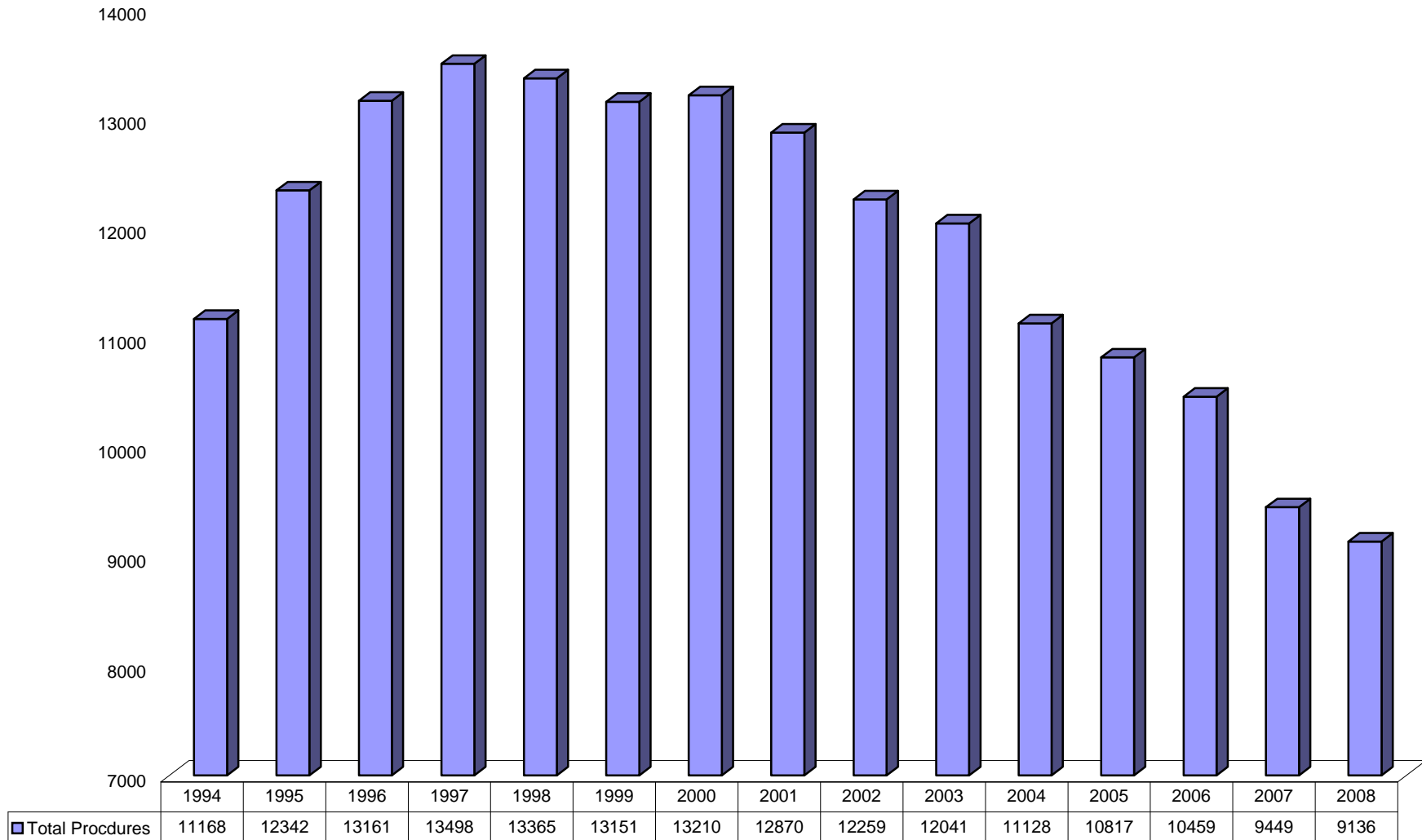


Table 7B: Heart-Lung Bypass Machine Capacity and Volume

<i>License #</i>	<i>Hospital</i>	<i>Current Inventory</i>	<i>CON Issued / Pending Development</i>	<i>Total Planning Inventory</i>	<i>Backup Machines</i>	<i>2008 Procedures (Weighted)</i>	<i>Hospital Procedure Capacity (Number of Machines X 400)</i>	<i>Percent Utilization of Capacity</i>	<i>Equipment Deficit</i>	<i>Pending Review or Appeal</i>	<i>Need</i>
H0213	Cape Fear Valley Medical Center	2	0	2	1	299	800	37.4%	0	0	0
H0042	Carolinas Medical Center Mercy/Pineville (One of the two machines in the Total Planning Inventory is to be used for backup only following completion of CON project F-7979-07.)	3	-1	2	0	62	800	7.8%	0	0	0
H0071	Carolinas Medical Center/Center for Mental Health	6	0	6	0	853	2400	35.5%	0	0	0
H0031	Carolinas Medical Center - NorthEast	2	0	2	1	227	800	28.4%	0	0	0
H0201	Craven Regional Medical Center	2	0	2	0	209	800	26.1%	0	0	0
H0015	Duke University Hospital	7	0	7	0	1061	2800	37.9%	0	0	0
H0233	Durham Regional Hospital	2	0	2	0	87	800	10.9%	0	0	0
H0100	FirstHealth Moore Regional	2	0	2	1	406	800	50.8%	0	0	0
H0209	Forsyth Memorial Hospital	3	0	3	0	634	1200	52.8%	0	0	0
H0053	Frye Regional Medical Center	2	0	2	1	206	800	25.8%	0	0	0
H0105	Gaston Memorial	2	0	2	1	190	800	23.8%	0	0	0
H0052	High Point Regional Hospital	2	0	2	0	208	800	26.0%	0	0	0
H0036	Memorial Mission Hospital	6	0	6	0	992	2400	41.3%	0	0	0
H0159	Moses Cone Hospital	4	0	4	0	596	1600	37.3%	0	0	0
H0221	New Hanover Regional Medical Center	3	0	3	0	522	1200	43.5%	0	0	0
H0011	North Carolina Baptist Hospital	4	0	4	0	634	1600	39.6%	0	0	0
H0104	Pitt County Memorial Hospital	5	0	5	0	935	2000	46.8%	0	0	0
H0010	Presbyterian Hospital	3	0	3	1	321	1200	26.8%	0	0	0
H0065	Rex Hospital	3	0	3	0	313	1200	26.1%	0	0	0
H0064	Southeastern Regional	1	0	1	1	71	400	17.8%	0	0	0
H0157	University of North Carolina Hospitals	4	0	4	0	462	1600	28.9%	0	0	0
H0199	WakeMed	5	0	5	0	908	2000	45.4%	0	0	0
	T O T A L	73	-1	72	7	10196	28800	35.4%	0	0	0

2008 procedures (weighted) equal adult procedures plus pediatric procedures X 2 for: Carolinas Medical Center/Center for Mental Health, Duke, North Carolina Baptist, Pitt County, and UNC Hospitals.

35.4% utilization based on 72 machines.

Table 7C: Burn Intensive Care Services

Days of care utilized by severely burned patients (DRGs 504-511) in the designated burn intensive care units.

<i>Facility</i>	<i>Beds</i>	<i>2003-2004 Total Days</i>	<i>2004-2005 Total Days</i>	<i>2005-2006 Total Days</i>	<i>2006-2007 Total Days</i>	<i>2007-2008 Total Days</i>
University of North Carolina Hospitals	21	3594	3030	4089	5074	6273
North Carolina Baptist Hospital	8	2185	2255	2358	2268	2142
TOTAL	29	5779	5285	6447	7342	8415

<i>Facility</i>	<i>Beds</i>	<i>2003-2004 Percent Utilization</i>	<i>2004-2005 Percent Utilization</i>	<i>2005-2006 Percent Utilization</i>	<i>2006-2007 Percent Utilization</i>	<i>2007-2008 Percent Utilization</i>
University of North Carolina Hospitals	21	46.8%	39.5%	53.3%	66.2%	81.6%
North Carolina Baptist Hospital	8	74.6%	77.2%	80.8%	77.7%	73.2%
TOTAL	29	54.4%	49.9%	60.9%	69.4%	79.5%

**Percent Utilization Burn Intensive Care Services
2004-2008**

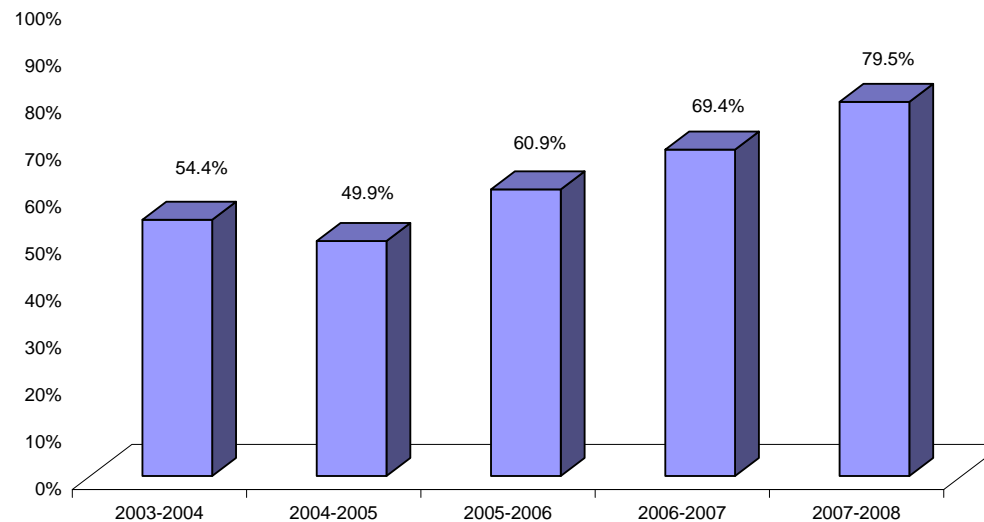


Table 7D: Bone Marrow Transplants

<i>Allogeneic Bone Marrow Transplants</i>				
	<i>2004-2005</i>	<i>2005-2006</i>	<i>2006-2007</i>	<i>2007-2008</i>
Carolinas Medical Center/Center for Mental Health	0	0	0	0
Duke University Hospital	129	167	115	139
North Carolina Baptist Hospital	24	12	11	51
Pitt County Memorial Hospital	1	0	0	0
University of North Carolina Hospitals	34	36	37	35
TOTAL	188	215	163	225

<i>Autologous Bone Marrow Transplants</i>				
	<i>2004-2005</i>	<i>2005-2006</i>	<i>2006-2007</i>	<i>2007-2008</i>
Carolinas Medical Center/Center for Mental Health	8	11	5	8
Duke University Hospital	116	98	149	104
North Carolina Baptist Hospital	52	37	35	24
Pitt County Memorial Hospital	6	0	0	0
University of North Carolina Hospitals	56	59	69	83
TOTAL	238	205	258	219

<i>Total Bone Marrow Transplants</i>				
	<i>2004-2005</i>	<i>2005-2006</i>	<i>2006-2007</i>	<i>2007-2008</i>
Carolinas Medical Center/Center for Mental Health	8	11	5	8
Duke University Hospital	245	265	264	243
North Carolina Baptist Hospital	76	49	46	75
Pitt County Memorial Hospital	7	0	0	0
University of North Carolina Hospitals	90	95	106	118
TOTAL	426	420	421	444

Total Bone Marrow Transplants: 2004 - 2007

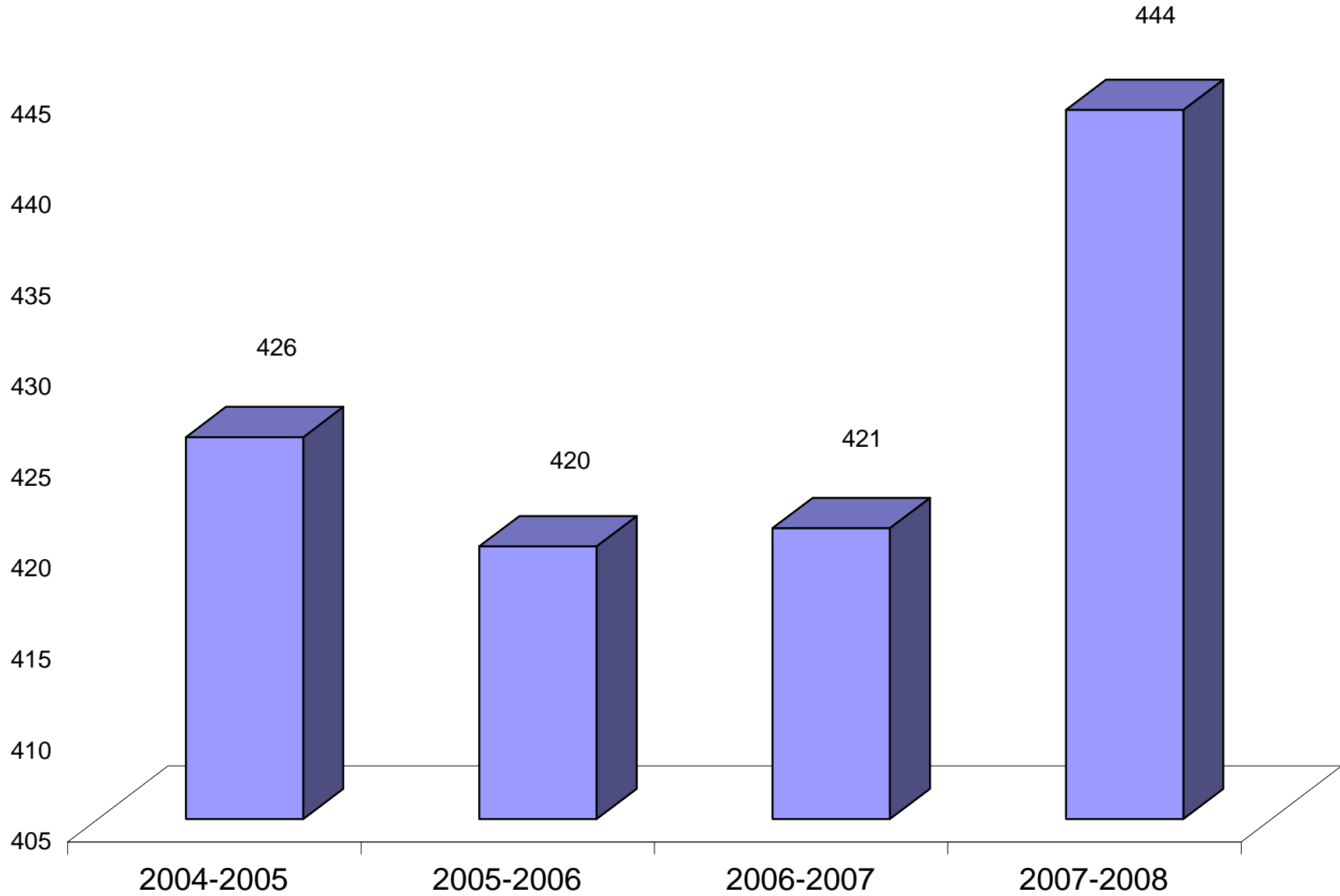


Table 7E: Solid Organ Transplantation Services

	<i>Carolinas Medical Center/ Center for Mental Health</i>	<i>Duke University Hospital</i>	<i>North Carolina Baptist Hospital</i>	<i>Pitt County Memorial Hospital</i>	<i>University of North Carolina Hospitals</i>	<i>Total</i>
Heart Transplants	22	43	0	0	11	54
Heart/Lung Transplants	0	0	0	0	0	0
Kidney/Liver Transplants	3	0	0	0	0	0
Liver Transplants	55	28	0	0	41	69
Heart/Liver Transplants	0	0	0	0	0	0
Kidney Transplants	114	86	175	34	72	367
Heart/Kidney Transplants	1	1	0	0	1	2
Lung Transplants	0	67	0	0	13	80
Pancreas Transplants	6	1	3	0	1	5
Pancreas/Kidney Transplants	0	17	11	0	3	31
Pancreas/Liver Transplants	0	0	0	0	0	0
Totals	201	243	189	34	142	608

Solid Organ Transplants by Facility: Year Ending September 30, 2008

