

# Attachment G:

## Operating Room Tiering Data

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# Hospital and Ambulatory Surgery Facility Tiers 2007 Data from the 2008 License Renewal Applications

Facility Name	Type	Tier	Average Resource Hours	Number of IP Cases	Average IP Case Time	Number of OP Cases	Average OP Case Time	CMI 2005	Surgical Hours	IP ORs	Shared	Amb ORs	Total	Room Utilization Rate 2007	Actual Room Utilization	Annual Room Capacity
Duke University Hospital	Hospital	1	11.3	16,131	256	18,694	157	2	117,634.0	3	33	8	44	114.25%	91.00%	2936
University of North Carolina Hospitals	Hospital	1	10.6	11,105	290	13,525	200	2	98,757.5	0	32	4	36	117.23%	99.54%	2756
Carolinas Medical Center	Hospital	1	11.5	17,239	209	12,300	132	2	87,109.2	6	21	11	38	97.96%	76.60%	2993
The North Carolina Baptist Hospitals	Hospital	1	9.4	12,208	233	16,717	136	2	85,162.5	2	36	0	38	95.77%	91.89%	2439
Mission Hospitals	Hospital	1	10.0	13,384	169	19,947	86	2	66,289.0	18	9	13	40	70.82%	63.74%	2600
Moses Cone Health System	Hospital	1	9.6	13,263	143	17,872	93	2	59,311.8	3	37	13	53	47.82%	44.74%	2501
Rex Hospital	Hospital	1	10.0	9,096	162	17,767	94	2	52,394.2	0	27	4	31	72.23%	65.01%	2600
WakeMed Raleigh Campus	Hospital	1	11.8	8,198	176	13,407	115	2	49,744.2	3	18	4	25	85.03%	64.86%	3068
Pitt County Memorial Hospital	Hospital	1	10.5	10,336	162	9,302	127	2	47,596.4	2	22	0	24	84.75%	72.64%	2730
New Hanover Regional Medical Center	Hospital	1	10.1	9,258	150	18,782	77	2	47,248.6	1	20	5	26	77.66%	69.55%	2613
Forsyth Medical Center	Hospital	1	9.5	10,424	172	6,298	105	2	40,903.6	3	19	2	24	72.83%	69.00%	2470
Presbyterian Hospital	Hospital	1	8.4	5,562	137	14,405	105	2	37,810.9	3	26	0	29	55.72%	59.56%	2189
Cape Fear Valley Medical Center	Hospital	1	9.5	7,261	161	7,199	100	2	31,482.0	2	13	0	15	89.69%	84.97%	2470
CMC - Mercy & Pineville	Hospital	1	9.8	3,066	194	10,460	122	1	31,162.1	1	18	0	19	70.14%	64.41%	2548
Totals				146,531					852,625.9	47.0	331.0	64.0	442.0			
Number of Facilities		14														
Median			10.0	10380	170.5	13965	110.0		51069.2	2.5	21.5	4.0	30.0			
Average			10.1	10467	186.7	14048	117.7		60901.9	3.4	23.6	4.6	31.6			
Max			11.8	17239	290	19947	200		117,634	18	37	13	53			
Min			8.4	3066	137	6298	77		31,182	0	9	0	15			

## Hospital and Ambulatory Surgery Facility Tiers 2007 Data from the 2008 License Renewal Applications

Facility Name	Type	Tier	Average	Number of IP Cases	Average IP Case Time	Number of OP Cases	Average OP Case Time	CMI 2005	Surgical Hours	IP ORs	Shared	Amb ORs	Total	Room Utilization Rate 2007	Actual Room Utilization	Annual Room Capacity
			Resource Hours													
Northeast Medical Center	Hospital	2	9.2	5,505	145.0	7,509	85.0	1.5	23,941.5	1	17.0	0.0	18.0	56.84%	55.61%	2392.0
Gaston Memorial Hospital	Hospital	2	8.5	3,791	125.0	10,337	90.0	1.4	23,403.4	1	9.0	8.0	18.0	55.56%	58.53%	2210.0
Durham Regional Hospital	Hospital	2	9.0	4,334	210.0	3,434	129.0	1.4	22,727.1	1	12.0	0.0	13.0	74.71%	74.71%	2340.0
Medical Park Hospital	Hospital	2	9.4	1,165	167.0	10,454	97.0	1.3	20,143.2	0	13.0	0.0	13.0	66.22%	63.40%	2444.0
Wayne Memorial Hospital	Hospital	2	9.0	3,465	130.0	8,186	90.0	1.3	19,786.5	0	10.0	2.0	12.0	70.46%	70.46%	2340.0
FirstHealth Moore Regional	Hospital	2	9.0	5815	131	4,805	77	2	18,862.5	2	10	4	16	50.38%	50.38%	2340
Presbyterian Orthopaedic Hospital	Hospital	2	9.4	3,196	196.6	4,163	116.3	2	18,542.5	0	12.0	0.0	12.0	66.03%	63.22%	2444.0
Duke Health Raleigh Hospital	Hospital	2	10.0	2,177	172.0	9,134	75.0	1.4	17,658.2	0	13.0	0.0	13.0	58.05%	52.24%	2600.0
Craven Regional Medical Center	Hospital	2	9.9	4,035	120.0	8,394	60.0	1.5	16,464.0	2	9.0	6.0	17.0	41.39%	37.63%	2574.0
High Point Regional Health System	Hospital	2	9.6	3,518	166.0	3,289	104.0	1.4	15,434.1	1	9.0	0.0	10.0	65.96%	62.09%	2485.6
Nash General Hospital	Hospital	2	8.2	2,187	149.0	7,013	82.0	1.2	15,015.5	0	13.0	0.0	13.0	49.36%	54.18%	2132.0
Margaret R. Pardee Memorial Hospital	Hospital	2	8.8	1,949	174.0	4,786	115.0		14,825.3	0	10.0	0.0	10.0	63.36%	64.80%	2288.0
Alamance Regional Medical Center	Hospital	2	8.7	1,998	138.0	7,199	84.0	1.3	14,674.0	0	11.0	0.0	11.0	57.01%	59.32%	2249.0
CMC - University	Hospital	2	9.6	1,051	160.2	6,950	95.6	1.4	13,876.7	0	9.0	4.0	13.0	45.62%	42.77%	2496.0
Rowan Regional Medical Center	Hospital	2	10.5	2,459	174.4	6,504	61.2	1.4	13,779.8	0	8.0	3.0	11.0	53.53%	45.89%	2730.0
Catawba Valley Medical Center	Hospital	2	8.9	2,643	140.0	6,830	60.0	1.5	12,997.0	0	12.0	0.0	12.0	46.29%	46.81%	2314.0
WakeMed Cary Hospital	Hospital	2	9.3	1,617	129.0	7,159	68.0	1.3	11,590.1	0	9.0	0.0	9.0	55.03%	53.26%	2418.0
Presbyterian Matthews	Hospital	2	8.0	997	144.6	4,939	110.8	1.2	11,519.0	0	8.0	0.0	8.0	61.53%	69.22%	2080.0
Grace Hospital	Hospital	2	8.0	1,642	180.0	4,291	90.0	1.2	11,362.5	0	5.0	0.0	5.0	97.12%	109.25%	2080.0
Southeastern Regional Medical Center	Hospital	2	9.0	2,216	149.0	4,165	82.0	1.1	11,195.2	1	9.0	0.0	10.0	47.84%	47.84%	2340.0
Center	Hospital	2	10.1	1,526	142.0	5,894	74.0	1.4	10,868.5	0	7.0	0.0	7.0	66.35%	59.18%	2623.4
CMC - Union	Hospital	2		57,336		135,425			338,666.6	9.0	215.0	27.0	251.0			
Totals																
Number of Facilities		21														
Median			9.0	2216	149.0	6830	85.0		15015.5	0.0	10.0	0.0	12.0			
Average			9.1	2730	154	6449	87.9		16127	0	10	1	12			
Max			10.5	5815	210	10454	129		23,942	2	17	8	18			
Min			8.0	997.0	120.0	3289.0	60.0		23,403	2	13	8	18			

# Hospital and Ambulatory Surgery Facility Tiers

## 2007 Data from the 2008 License Renewal Applications

Facility Name	Type	Tier	Average Resource		Number of IP Cases	Average IP Case Time	Number of OP Cases	Average OP Case Time	CMI 2005	Surgical Hours	IP ORs	Shared	Amb ORs	Total	Room	
			Hours	Rate 2007											Utilization	Room Capacity
Iredell Memorial Hospital	Hospital	3	10.0	2,393	125	3,824	78	1	9,676.7	1	8	0	9	45.95%	41.35%	2600
Harris Regional Hospital	Hospital	3	8.0	1,260	117	4,219	90	1	8,754.8	0	6	0	6	62.36%	70.15%	2080
North Carolina Specialty Hospital	Hospital	3	9.5	988	156	4,043	90	1	8,581.3	0	4	0	4	91.66%	86.86%	2470
Lake Norman Regional Medical Center	Hospital	3	8.5	2,085	148	2,645	78	1	8,559.5	0	7	0	7	52.26%	55.33%	2210
Cleveland Regional Medical Center	Hospital	3	9.2	2,319	98	3,515	77	1	8,298.6	0	6	0	6	59.11%	57.62%	2392
Johnston Memorial Hospital	Hospital	3	9.6	2,329	119	3,704	54	1	7,952.8	0	4	1	5	67.97%	63.72%	2456
Haywood Regional Medical Center	Hospital	3	9.0	1,493	154	2,792	79	1	7,504.2	0	7	0	7	45.81%	46.07%	2327
Beaufort County Hospital	Hospital	3	9.0	958	170	2,451	115	1	7,412.1	0	5	0	5	63.35%	63.35%	2340
Central Carolina Hospital	Hospital	3	8.0	939	144	2,719	111	1	7,283.8	0	5	0	5	62.25%	70.04%	2080
Person Memorial Hospital	Hospital	3	8.0	668	210	1,922	150	1	7,143.0	0	3	0	3	101.75%	114.47%	2080
Carrel General Hospital	Hospital	3	10.0	1,970	126	1,807	98	1	7,088.4	0	5	5	5	60.58%	54.53%	2600
Halifax Regional Medical Center	Hospital	3	8.6	1,763	120	2,334	86	1	6,932.2	0	6	0	6	49.37%	51.67%	2236
Randolph Hospital	Hospital	3	8.0	1,096	120	3,234	86	1	6,833.7	0	5	0	5	58.41%	65.71%	2080
Columbus County Hospital	Hospital	3	10.0	1,570	160	3,146	49	1	6,755.9	0	4	0	4	72.18%	64.96%	2600
Wilson Medical Center	Hospital	3	9.0	2,075	90	3,464	60	1	6,576.5	0	9	0	9	31.23%	31.23%	2340
Presbyterian Huntersville	Hospital	3	9.0	946	107	3,940	73	1	6,480.7	0	4	0	4	69.24%	69.24%	2340
Onslow Memorial Hospital	Hospital	3	10.0	1,644	145	1,350	111	1	6,415.0	0	5	0	5	54.83%	49.35%	2600
Albemarle Hospital	Hospital	3	9.0	1,831	103	4,353	44	1	6,335.4	0	7	0	7	38.68%	38.68%	2340
Lenoir Memorial Hospital	Hospital	3	8.0	1,950	98	3,222	55	1	6,138.5	0	9	0	9	29.15%	32.79%	2080
Caldwell Memorial Hospital	Hospital	3	7.5	773	135	2,752	90	1	5,867.3	0	4	3	7	35.82%	42.98%	1950
Betsy Johnson Regional Hospital	Hospital	3	8.0	1,150	107	2,839	80	1	5,836.2	0	4	0	4	62.35%	70.15%	2080
Stanly Memorial Hospital	Hospital	3	9.0	764	112	3,541	74	1	5,793.4	0	5	0	5	49.52%	49.52%	2340
Morehead Memorial Hospital	Hospital	3	8.0	1,228	110	2,159	90	1	5,498.8	0	5	0	5	46.92%	52.79%	2080
Highsmith-Rainey Memorial Hospital	L.T.A.C.	3	7.5	194	137	3,013	98	1	5,364.2	0	4	0	4	57.31%	68.77%	1950
Brunswick Community Hospital	Hospital	3	8.5	776	169	2,082	88	1	5,210.0	0	3	0	3	74.22%	78.58%	2210
Northern Hospital of Surry County	Hospital	3	8.0	1,216	110	2,047	80	1	4,958.7	0	4	0	4	52.98%	59.60%	2080
Sampson Regional Medical Center	Hospital	3	8.0	840	180	1,622	90	1	4,953.0	0	8	0	8	26.46%	29.77%	2080
Wilkes Regional Medical Center	Hospital	3	8.0	745	58	2,480	102	1	4,936.2	0	4	0	4	52.74%	59.33%	2080
Scotland Memorial Hospital	Hospital	3	7.5	1,139	120	2,575	60	1	4,853.0	0	5	0	5	41.48%	49.77%	1950
Rutherford Hospital	Hospital	3	9.0	1,252	100	1,967	84	1	4,840.5	0	5	0	5	41.37%	41.37%	2340
Franklin Regional Medical Center	Hospital	3	10.0	1,003	150	1,676	80	1	4,742.2	0	3	0	3	67.55%	60.80%	2600
Annie Penn Hospital	Hospital	3	8.0	778	162	1,564	100	1	4,707.3	0	4	0	4	50.29%	56.56%	2080
Park Ridge Hospital	Hospital	3	9.0	1,106	87	4,449	41	1	4,604.1	0	6	0	6	32.79%	32.79%	2340
Davis Regional Medical Center	Hospital	3	9.0	804	102	2,140	86	1	4,434.1	0	5	0	5	37.90%	37.90%	2340
Murphy Medical Center	Hospital	3	8.0	461	150	2,098	93	1	4,404.4	0	4	0	4	47.06%	52.94%	2080
Valdese General Hospital	Hospital	3	8.0	412	180	1,821	100	1	4,271.0	0	4	0	4	45.63%	51.33%	2080
Lexington Memorial Hospital	Hospital	3	8.0	935	107	2,314	66	1	4,212.8	0	4	0	4	45.01%	50.63%	2080

# Hospital and Ambulatory Surgery Facility Tiers

## 2007 Data from the 2008 License Renewal Applications

Facility Name	Type	Tier	Average Resource		Number of IP Cases	Average IP Case Time	Number of OP Cases	Average OP Case Time	CMI 2005	Surgical Hours	IP ORs	Shared	Amb ORs	Total	Room Utilization Rate 2007	Actual Room Utilization	Annual Room Capacity
			Hours	IP													
Watauga Medical Center	Hospital	3	8.3	1,210	82	3,071	49	1	4,161.7	0	5	0	5	35.57%	38.57%	2158	
Maria Parham Hospital	Hospital	3	8.0	803	81	2,274	67	1	3,623.4	0	5	0	5	30.97%	34.84%	2080	
Hugh Chatham Memorial Hospital	Hospital	3	8.0	1085	90	2,602	45	1	3,579.0	0	5	0	5	30.59%	34.41%	2080	
Transylvania Community Hospital	CAH	3	8.0	401	136	1,992	79	1	3,531.7	0	4	0	4	37.73%	42.45%	2080	
J. Arthur Doster Memorial Hospital	Hospital	3	8.0	261	190	1,598	100	1	3,489.8	0	2	0	2	74.57%	83.89%	2080	
Lincoln Medical Center	Hospital	3	8.0	783	95	1,762	76	1	3,486.4	0	4	0	4	37.25%	41.90%	2080	
Thomasville Medical Center	Hospital	3	9.0	615	95	2,252	66	1	3,451.0	0	5	0	5	29.50%	29.50%	2340	
Roanoke-Chowan Hospital	Hospital	3	8.0	803	78	1,823	69	1	3,140.4	0	5	0	5	26.84%	30.20%	2080	
Granville Medical Center	Hospital	3	7.0	545	100	1,592	71	1	2,790.1	0	3	0	3	39.74%	51.10%	1820	
Angel Medical Center	Hospital	3	8.0	392	142	1,420	75	1	2,702.7	0	4	0	4	28.88%	32.48%	2080	
Heritage Hospital	Hospital	3	7.0	688	100	1,481	60	1	2,627.7	0	5	0	5	22.46%	28.89%	1820	
Sandhills Regional Medical Center	Hospital	3	6.0	716	120	1,020	65	1	2,537.0	0	3	0	3	36.14%	54.21%	1560	
Kings Mountain Hospital	Hospital	3	8.0	318	165	999	90	1	2,373.0	0	2	0	2	50.71%	57.04%	2080	
The McDowell Hospital	Hospital	3	8.5	380	180	675	90	1	2,152.5	0	3	0	3	30.66%	32.47%	2210	
Martin General Hospital	Hospital	3	8.0	333	94	1,315	73	1	2,121.6	0	2	0	2	45.33%	51.00%	2080	
FirstHealth Richmond	Hospital	3	10.0	507	90	1,007	75	1	2,019.3	0	3	0	3	28.76%	25.89%	2600	
Blue Ridge Regional Hospital	Hospital	3	8.0	370	150	721	85	1	1,946.4	0	3	0	3	27.73%	31.19%	2080	
Chowan Hospital	CAH	3	7.0	456	90	1,155	60	1	1,839.0	0	3	0	3	26.20%	33.68%	1820	
Duplin General Hospital	Hospital	3	5.0	727	65	1,154	54	1	1,826.2	0	3	0	3	26.01%	46.83%	1300	
Astle Memorial Hospital	Hospital	3	8.0	242	180	449	90	1	1,399.5	0	2	0	2	29.90%	33.64%	2080	
Bartle Memorial Hospital	CAH	3	8.0	16	120	907	90	1	1,392.5	0	2	0	2	29.75%	33.47%	2080	
St. Luke's Hospital	Hospital	3	8.0	341	100	1,200	37	1	1,308.3	0	3	0	3	18.64%	20.97%	2080	
Anson Community Hospital	Hospital	3	8.0	101	110	577	66	1	819.9	0	2	0	2	17.52%	19.71%	2080	
Stokes-Reynolds Memorial Hospital	CAH	3	8.0	8	120	762	60	1	778.0	0	2	2	2	8.31%	9.35%	2080	
The Outer Banks Memorial Hospital	Hospital	3	8.0	367	47	801	35	1	754.7	0	2	0	2	16.13%	18.14%	2080	
Charles A. Cannon Memorial Hospital	Hospital	3	6.9	186	63	351	64	1	572.2	0	2	0	2	12.23%	16.06%	1781	
Bladen County Hospital	CAH	3	8.0	315	60	440	35	1	571.7	0	2	0	2	12.22%	13.74%	2080	
Hoods Memorial Hospital	CAH	3	8.0	2	120	252	120	1	508.0	0	2	0	2	10.85%	12.21%	2080	
Alleghany Memorial Hospital	CAH	3	4.0	33	119	251	104	2	500.5	0	2	0	2	10.69%	24.06%	1040	
Washington County Hospital	CAH	3	8.0	12	158	314	89	1	497.4	0	2	0	2	10.63%	11.96%	2080	
Pender Memorial Hospital	CAH	3	8.0	83	119	256	77	1	493.2	0	2	0	2	10.54%	11.85%	2080	
FirstHealth Montgomery	CAH	3	4.0	101	85	423	48	1	479.7	0	2	0	2	10.25%	23.06%	1040	
Highlands-Cashiers Hospital	CAH	3	8.0	21	250	235	100	1	479.2	0	2	0	2	10.24%	11.52%	2080	
Chatham Hospital	CAH	3	8.0	31	120	149	60	1	211.0	0	2	0	2	4.51%	5.07%	2080	
Davie County Hospital	CAH	3	8.0	10	79	49	58	1	60.5	0	2	0	2	1.29%	1.46%	2080	
Pungo District Hospital	CAH	3	8.0	5	125	21	112	1	49.6	0	2	0	2	1.06%	1.19%	2080	
Swain County Hospital	CAH	3	8.0	0	0	10	30	0	5.0	0	1	0	1	0.21%	0.24%	2080	
Blowing Rock Hospital	CAH	3	0.0	0	0	0	0	0	0	0	2	0	2	0	0	0	
Number of Facilities		75		59122		138953			294481	1	297	6	304				
Median			8.0	745	119.0	1821	77.5		4161.7	0.0	4.0	0.0	4.0			4.0	
Average			8.0	788	118.7	1853	76.1		3926.4	0.0	4.0	0.1	4.1			4.1	
Max			10.0	2393	250.0	4449	150.0		9676.7	1.0	9.0	3.0	9.0			9.0	
Min			0.0	0	0.0	0	0.0		0.0	0.0	1.0	0.0	1.0			1.0	

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			Hours	Case Time													
Charlotte Surgery Center	ASC	4	9.0	0	0	9,858	77		12,851.1	0	0	0	7	77.24%	77.24%	2340	
Fayetteville Ambulatory Surgery Center	ASC	4	7.0	0	0	10,816	65		11,717.3	0	0	11	11	45.52%	58.53%	1820	
Surgicenter Services of Pitt	ASC	4	7.8	0	0	10,371	64		11,010.5	0	0	8	8	58.82%	68.30%	2015	
James E. Davis Ambulatory Surgical Center	ASC	4	8.0	0	0	6,232	83		8,620.9	0	0	8	8	46.05%	51.91%	2080	
HealthSouth Surgical Center of Greensboro	ASC	4	9.5	0	0	10,848	44		8,009.4	0	0	13	13	26.33%	24.94%	2470	
Wilmington Surgicare	ASC	4	8.0	0	0	8,819	54		7,937.1	0	0	7	7	48.46%	54.51%	2080	
Hawthorne Surgical Center	ASC	4	8.2	0	0	6,748	70		7,872.7	0	0	4	4	84.11%	92.32%	2132	
Southpark Surgery Center	ASC	4	8.5	0	0	8,429	51		7,156.2	0	0	6	6	50.97%	53.97%	2210	
Gateway Ambulatory Surgery Center (new 2006)	ASC	4	9.0	0	0	4,708	91		7,140.5	0	0	4	4	76.29%	76.29%	2340	
High Point Surgery Center	ASC	4	8.0	0	0	6,140	60		6,140.0	0	0	6	6	43.73%	49.20%	2080	
Surgery Center of Pinehurst, LLC	ASC	4	8.0	0	0	4,425	60		4,425.0	0	0	6	6	31.52%	35.46%	2080	
HealthSouth Blue Ridge Surgery Center	ASC	4	8.0	0	0	5,296	47		4,148.5	0	0	6	6	29.55%	33.24%	2080	
Orthopaedic Surgery Center of Asheville	ASC	4	8.0	0	0	2,328	105		4,074.0	0	0	3	3	58.03%	65.29%	2080	
HealthSouth Surgery Center of Southern Pines	ASC	4	10.0	0	0	9,884	20		3,294.7	0	0	3	3	46.93%	42.24%	2600	
GSC - Randolph	ASC	4	8.0	0	0	5,286	35		3,083.5	0	0	8	8	16.47%	18.53%	2080	
Caromont Specialty Surgery	ASC	4	7.5	0	0	4,190	36		2,514.0	0	0	6	6	17.91%	21.49%	1950	
Carlet Surgery Center	ASC	4	8.0	0	0	4,397	32		2,328.9	0	0	2	2	49.79%	55.98%	2080	
The Surgical Center at Lake Norman	ASC	4	7.0	0	0	2,254	56		2,103.7	0	0	2	2	44.95%	57.79%	1820	
Surgicare of Jacksonville	ASC	4	8.0	0	0	2,834	41		1,954.5	0	0	4	4	20.88%	23.49%	2080	
HealthSouth Greensboro Specialty Surgery Center	ASC	4	8.0	0	0	1,718	68		1,947.1	0	0	3	3	27.74%	31.20%	2080	
Asheville Eye Surgery Center	ASC	4	9.0	0	0	3,311	34		1,887.3	0	0	1	1	80.65%	80.65%	2340	
Eye Surgery and Laser Clinic	ASC	4	12.0	0	0	2,454	45		1,840.5	0	0	2	2	39.33%	29.50%	3120	
Chapel Hill Surgery Center	ASC	4	6.0	0	0	809	118		1,591.0	0	0	3	3	22.66%	34.00%	1560	
Piedmont Surgical Center	ASC	4	8.0	0	0	937	90		1,405.5	0	0	2	2	30.03%	33.79%	2080	
Surgery Center of Morganton	ASC	4	8.0	0	0	2,064	40		1,376.0	0	0	2	2	29.40%	33.08%	2080	
Iredell Surgical Center	ASC	4	10.0	0	0	1,860	44		1,364.0	0	0	4	4	14.51%	13.12%	2600	
Surgical Eye Center	ASC	4	8.0	0	0	3,827	18		1,148.1	0	0	4	4	12.27%	13.80%	2080	
Eye Surgery Center of Shelby	ASC	4	8.0	0	0	1,678	40		1,118.7	0	0	2	2	23.90%	26.99%	2080	
Cleveland Ambulatory Services	ASC	4	8.0	0	0	1,784	38		1,118.6	0	0	4	4	11.95%	13.44%	2080	

## Hospital and Ambulatory Surgery Facility Tiers 2007 Data from the 2008 License Renewal Applications

Facility Name	Type	Tier	Average Resource Hours	Number of IP Cases	Average IP Case Time	Number of OP Cases	Average OP Case Time	GMI 2005	Surgical Hours	IP ORs	Shared	Amb ORs	Total	Room Utilization Rate 2007	Actual Room Utilization	Annual Room Capacity
Plastic Surgery Center of North Carolina	ASC	4	8.0	0	0	447	127		946.2	0	0	3	3	13.48%	15.16%	2080
Raleigh Women's Health Organization	ASC	4	4.0	0	0	2,833	20		944.3	0	0	2	2	20.18%	45.40%	1040
RMS Surgery Center	ASC	4	8.0	0	0	1,811	30		905.5	0	0	2	2	19.35%	21.77%	2080
SDSC at Presbyterian	ASC	4	8.3	0	0	688	73		840.3	0	0	6	6	5.98%	6.46%	2168
Southern Eye Associates	ASC	4	8.0	0	0	519	90		778.5	0	0	2	2	16.63%	18.71%	2080
HealthSouth Surgicenter of Wilson	ASC	4	6.0	0	0	882	45		661.5	0	0	4	4	7.07%	10.60%	1560
Raleigh Plastic Surgery Center	ASC	4	8.0	0	0	397	90		595.5	0	0	1	1	25.45%	28.63%	2080
Iredell Head, Neck and Ear Ambulatory Surgical Center	ASC	4	11.0	0	0	594	60		594.0	0	0	1	1	25.38%	20.77%	2860
Carolina Center for Specialty Surgery (x Edgell)	ASC	4	6.5	0	0	717	45		537.8	0	0	2	2	11.49%	15.91%	1690
Wilkes Regional Medical Center ASC	ASC	4	8.0	0	0	514	60		514.0	0	0	1	1	21.97%	24.71%	2080
Graystone Eye Surgery Center (x HealthSouth Surg. Cent.)	ASC	4	10.5	0	0	2,483	10		413.8	0	0	1	1	17.69%	15.16%	2730
Wilson OB-GYN	ASC	4	2.0	0	0	413	45		309.8	0	0	1	1	13.24%	59.57%	520
Carolina Birth Center	ASC	4	8.0	0	0	386	30		193.0	0	0	1	1	8.25%	9.28%	2080
Ferncare	ASC	4	7.0	0	0	997	10		166.2	0	0	2	2	3.55%	4.57%	1820
Totals				0	0	157,986						170	170			
Number of Facilities		43														
Median			8.0	0.0	0.0	2454.0	47.0		1840.5	0.0	0.0	3.0	3.0			
Average			8.0	0.0	0.0	3674.1	54.9		3241.4	0.0	0.0	4.0	4.0			
Max			12.0	0.0	0.0	10848.0	127.0		12651.1	0.0	0.0	13.0	13.0			
Min			2.0	0.0	0.0	386.0	10.0		166.2	0.0	0.0	1.0	1.0			
Outlier																
Frye Regional Medical Center (Working with this hospital on correcting data.)	Hospital		200.0	3611	191	8,250	83	2	22,907.5	2	15	4	21	46.62%	2.10%	52000

Note: IP ORs do not include dedicated C-Section ORs or excluded Trauma/Burn ORs.

# Hospital Tiers

## Enhancement to the Operating Room Methodology

### Updated with 2007 Data from the 2008 License Renewal Applications

The current methodology assumes an average of 9 hours of OR time available each day and an average of 3 hours for inpatient surgery and 1.5 hours for outpatient surgery. These are broad assumptions and it is recognized that the true average OR availability and average case times are higher in facilities performing the most complex cases, and lower in many facilities performing less complex surgery. These average times could be refined using the following method:

1. Develop a measure of “Total Surgical Hours” for each facility using actual cases and average case times as reported on the license renewal application:

$$\text{Total Surgical Hours} = (\text{IP cases} \times \text{IP case time}) + (\text{OP cases} \times \text{OP case time})$$

2. Rank facilities from highest Total Surgical Hours to lowest.
3. Group facilities into four tiers. *NOTE: For the example presented below, the tiers were established with the following “breakpoints:”*

- Tier 1: Total Surgical Hours  $\geq 30,000$*
- Tier 2: Total Surgical Hours = 10,000 through 29,999*
- Tier 3: Total Surgical Hours < 10,000*
- Tier 4: Ambulatory Surgical Facilities*

4. Calculate the “Median Resource Hours per Day,” “Median Inpatient Case Time” and “Median Outpatient Case Time” for each tier group and use this in the OR methodology in place of the 9 hours, 3 hours and 1.5 hours respectively.

#### Example of Provider Tiers - Analysis of Key Variables from Reported Data

*(Data from 2008 License Renewal Applications)*

Tiers	Description	Number of Facilities in Tier	Average Medicare CMI <sup>1</sup>	Average Total Number ORs	Average Total Surgical Hours	Median Resource Hours per Day	Median Inpatient Case Time (Minutes)	Median Outpatient Case Time (Minutes)
Tier 1	Large Regional Referral Centers	14	1.75	32	60,902	10.0	170.5	110.0
Tier 2	Other Regional Referral Centers/ High volume Community Hospitals	21	1.37	12	16,127	9.0	149.0	85.0
Tier 3	Other Community Hospitals	75	1.15	4	3,926	8.0	119.0	77.5
Tier 4	Ambulatory Surgical Facilities	43	n/a	4	3,241	8.0	n/a	47.0

<sup>1</sup> Case Mix Index (CMI) reflects Medicare case mix index only  
Not updated from original provided in 2007.