

Chapter 15: Psychiatric Inpatient Services

Need Determinations

The Department of Health and Human Services in January 2008 asked that the Agency to prepare a table (Table 15B, see attached) that would indicate the need for Psychiatric Inpatient Services by Local Management Entities (LME) areas. The methodology was applied individually to the 25 mental health planning area programs. The table produces need determinations by each Mental Health Planning Area, which is the same as the LME areas.

The Committee recommends that there is a determination of need in the following LME areas for child adolescent psychiatric inpatient beds: 1, 3, 7, 8, 14, 15, 16, 18, 20, and 24. The Committee recommends that there is a determination of need in the following LME areas for adult psychiatric inpatient beds: 1, 8, 14, 17, 19, 21, and 24. These LME areas will be updated with the 2007 data and population figures.

TABLE 15B: 2011 Projection of Psychiatric Bed Need By Mental Health Planning Region

PART 1. PROJECTION OF CHILD/ADOLESCENT PSYCHIATRIC BED NEED FOR YEAR 2011

A	B 2006 <18 Days of Care	C 2006 <18 Population	D 2011 <18 Population Projected	E 2011-18 Projected Days of Care (B x D)+C	F 2011 Adjusted Days of Care E-20%E	G <18 Number of Beds (F + 365)	H <18 Total Beds Needed (G + 75%)	I Psychiatric Bed Inventory Child/Adolescent	Child/Adolescent Bed Need (Surplus/Deficit) (I - H) (Deficits are Shown as Minuses)
1 - Jackson, Cherokee, Clay, Graham, Haywood, Macon, Swain Alleghany, Ashe, Avery, Watauga, Wilkes	868	67,331	70,557	910	728	2	3	0	-3
2 - Buncombe, Henderson, Madison, Mitchell, Polk, Rutherford, Transylvania, Yancey	792	101,695	107,449	837	669	2	2	9	7
3 - Caldwell, Alexander, McDowell	544	56,297	37,027	358	286	1	1	0	-1
4 - Cleveland, Gaston, Lincoln	2,667	87,187	88,714	2,714	2,171	6	8	20	12
5 - Catawba, Burke	1,122	36,665	59,182	1,811	1,449	4	5	38	33
6 - Mecklenburg	7,891	211,757	245,194	9,137	7,310	20	27	42	15
7 - Cabarrus, Davidson, Rowan, Stanly, Union	2,954	172,519	194,496	3,330	2,664	7	10	5	-5
WESTERN REGION CHILD/ADOLESCENT TOTALS	16,838	733,451	802,619	19,096	15,277	42	56	114	58
WESTERN REGION CHILD/ADOLESCENT ALLOCATIONS									
8 - Surry, Iredell, Yadkin	952	62,380	68,804	1,050	840	2	3	0	-3
9 - Forsyth, Stokes, Davie	2,415	102,055	107,297	2,539	2,031	6	7	66	59
10 - Rockingham, Alamance, Caswell	1,132	59,514	61,123	1,163	930	3	3	8	5
11 - Guilford	2,128	107,455	113,277	2,243	1,795	5	7	32	25
12 - Orange, Person, Chatham	1,335	45,969	49,049	1,424	1,140	3	4	28	24
13 - Durham	1,419	59,092	64,580	1,551	1,241	3	5	12	7
14 - Vance, Granville, Franklin, Warren, Halifax	1,354	55,947	56,546	1,368	1,095	3	4	0	-4
NORTH CENTRAL REGION CHILD/ADOLESCENT TOTALS	10,735	492,412	520,676	11,339	9,071	25	33	146	113
NORTH CENTRAL REGION CHILD/ADOLESCENT ALLOCATIONS									
15 - Moore, Hoke, Randolph, Richmond, Montgomery, Anson, Harnett, Lee	2,202	129,548	137,310	2,334	1,867	5	7	0	-7
16 - Robeson, Bladen, Columbus, Scotland	1,033	67,057	67,940	1,047	837	2	3	0	-3
17 - Cumberland	1,606	82,153	80,642	1,576	1,261	3	5	16	11
18 - Johnston	917	40,308	47,353	1,077	862	2	3	0	-3
19 - Wake	5,184	203,487	240,187	6,119	4,895	13	18	72	54
SOUTH CENTRAL REGION CHILD/ADOLESCENT TOTALS	10,942	522,553	573,432	12,153	9,723	27	36	88	52
SOUTH CENTRAL REGION CHILD/ADOLESCENT ALLOCATIONS									
20 - New Hanover, Brunswick, Pender	2,067	67,088	74,682	2,301	1,841	5	7	0	-7
21 - Onslow, Carteret	2,230	50,982	51,506	2,253	1,802	5	7	20	13
22 - Edgecombe, Nash, Wilson, Greene	1,530	60,248	60,702	1,542	1,233	3	5	10	5
23 - Craven, Jones, Pamlico, Pitt, Bertie, Gates, Hertford, Northampton, Beaufort	2,104	88,772	91,183	2,161	1,729	5	6	10	4
24 - Washington, Tyrrell, Hyde, Martin, Pasquotank, Perquimans, Camden, Chowan, Currituck, Dare	880	40,330	42,581	929	743	2	3	0	-3
25 - Duplin, Lenoir, Sampson, Wayne	1,622	73,773	76,024	1,671	1,337	4	5	20	15
EASTERN REGION CHILD/ADOLESCENT TOTALS	10,433	381,193	396,678	10,857	8,686	24	32	60	28
EASTERN REGION CHILD/ADOLESCENT ALLOCATIONS									

TABLE 15B: 2011 Projection of Psychiatric Bed Need By Mental Health Planning Region

PART 2. PROJECTION OF ADULT PSYCHIATRIC BED NEED FOR YEAR 2011

MENTAL HEALTH PLANNING AREAS AND REGIONS	K 2006 18+ Days of Care	L 2006 18+ Population	M 2011 18+ Population Projected	N 2011:18+ Projected Days of Care (K x M)÷L	O Number of Beds Adults (N÷365)	P Total Adult Beds Needed (O + 75%)	Q Adult Bed Inventory	Adult Bed (Surplus/ Deficit) (Q-P) (Deficits are Shown as Minuses)
1 - Jackson, Cherokee, Clay, Graham, Haywood, Macon, Swain Alleghany, Ashe, Avery, Watauga, Wilkes 2008 SMFP Need Determination for 10 Adult Beds	8,070	282,484	295,719	8,448	23	31	0	-21
2 - Buncombe, Henderson, Madison, Mitchell, Polk Rutherford, Transylvania, Yancey	15,287	384,534	412,838	16,416	45	60	134	74
3 - Caldwell, Alexander, McDowell	4,608	191,186	128,273	3,092	8	11	22	11
4 - Cleveland, Gaston, Lincoln	14,513	276,640	294,328	15,441	42	56	57	1
5 - Catawba, Burke	10,870	114,147	192,183	17,964	49	66	84	18
6 - Mecklenburg	18,714	608,730	707,781	21,759	60	79	84	5
7 - Cabarrus, Davidson, Rowan, Stanly, Union	13,955	499,619	563,433	15,737	43	57	63	6
WESTERN REGION ADULT TOTALS	85,817	2,357,340	2,594,655	98,858	271	361	454	94
WESTERN REGION ADULT ALLOCATIONS								
8 - Surry, Iredell, Yadkin	6,798	192,544	212,348	7,497	21	27	16	-1
9 - Forsyth, Stokes, Davie	13,847	315,729	340,988	14,955	41	55	104	49
10 - Rockingham, Alamance, Caswell	6,611	196,865	203,512	6,834	19	25	36	11
11 - Guilford	14,334	341,239	368,578	15,482	42	57	72	15
12 - Orange, Person, Chatham	5,978	172,522	185,656	6,433	18	23	48	25
13 - Durham	4,928	186,192	202,280	5,354	15	20	30	10
14 - Vance, Granville, Franklin, Warren, Halifax	8,880	173,860	182,423	9,317	26	34	20	-14
NORTH CENTRAL REGION ADULT TOTALS	81,376	1,578,951	1,695,785	65,873	180	241	338	95
NORTH CENTRAL REGION ADULT ALLOCATIONS								
15 - Moore, Montgomery, Randolph, Richmond, Hoke, Anson, Harnett, Lee	12,822	393,313	424,012	13,823	38	50	70	20
16 - Robeson, Scotland, Bladen, Columbus	7,852	186,801	194,328	8,168	22	30	33	3
17 - Cumberland	4,761	223,676	233,560	4,971	14	18	12	-6
18 - Johnston	3,616	110,723	128,289	4,222	12	15	20	5
19 - Wake	14,506	578,796	693,524	17,381	48	63	52	-11
SOUTH CENTRAL REGION ADULT TOTALS	43,557	1,493,309	1,674,713	48,566	133	177	187	11
SOUTH CENTRAL REGION ADULT ALLOCATIONS								
20 - New Hanover, Brunswick, Pender	10,986	258,653	300,549	12,765	35	47	62	15
21 - Onslow, Carteret	5,966	170,723	182,270	6,370	17	23	10	-13
22 - Edgecombe, Nash, Wilson, Greene	9,700	182,774	189,431	10,053	28	37	57	20
23 - Craven, Jones, Pamlico, Pitt, Bertie, Gates, Hertford, Northampton, Beaufort	20,432	296,278	316,042	21,795	60	80	107	27
24 - Washington, Tyrrell, Hyde, Martin, Pasquotank, Perquimans, Camden, Chowan, Currituck, Dare	4,748	142,074	152,495	5,096	14	19	0	-19
25 - Duplin, Lenoir, Sampson, Wayne	10,397	218,330	224,368	10,685	29	39	61	22
EASTERN REGION ADULT TOTALS	62,229	1,268,832	1,365,155	66,764	183	244	297	52
EASTERN REGION ADULT ALLOCATIONS								