

## Chapter 11: Adult Care Homes

Following are draft Materials related to the Projected Adult  
Care Home Bed Need Determinations

- Use Rate/1000 Population – Five Year Average
- Table 11B: Adult Care Home Need Projections for 2013

Based on application of the current methodology and use of current utilization information, there could be need determinations in several counties. Please note that the occupancy rate has yet to be determined for the counties noted in the next to last column with a “TBD”.

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Adult Care Home Use Rate/1000 Population - Five Year Average for Proposed 2010 Plan. (Draft for May 15, 2009 Committee Meeting)

Age Group	2004 Data			2005 Data			2006 Data			2007 Data			2008 Data			Combined Rate		
	Patients	Population	Use Rate /1000	Patients	Population	Use Rate /1000	Patients	Population	Use Rate /1000	Patients	Population	Use Rate /1000	Patients	Population	Use Rate /1000	Patients	Population	Use Rate /1000
<35	497	4012556	0.124	519	4043902	0.128	555	4105388	0.135	542	4180845	0.130	526	4252765	0.124	2639	20595456	0.128
35-64	5578	3393752	1.644	5645	3480488	1.622	6182	3579790	1.727	6139	3671258	1.672	6037	3748596	1.610	29581	17873884	1.655
65-74	4058	557540	7.278	3951	568692	6.948	4218	584241	7.220	4224	605283	6.979	4040	631948	6.393	20491	2947704	6.952
75-84	8654	355067	24.373	8229	359107	22.915	8922	361957	24.649	8786	364892	24.078	844	369415	2.285	35435	1810438	19.573
>=85	9950	119128	83.524	9922	123717	80.199	10686	128823	82.951	11079	134186	82.565	11315	138935	81.441	52952	644789	82.123
		8438043			8575906			8760199			8956464			9141659				
	Patients			Patients			Patients			Patients			Patients			Patients		
	NH/Hosp	ACH	Total	NH/Hosp	ACH	Total	NH/Hosp	ACH	Total	NH/Hosp	ACH	Total	NH/Hosp	ACH	Total	NH/Hosp	ACH	Total
<35	7	490	497	4	515	519	3	552	555	4	538	542	4	522	526	22	2617	2639
35-64	233	5345	5578	226	5419	5645	247	5935	6182	226	5913	6139	240	5797	6037	1172	28409	29581
65-74	356	3702	4058	327	3624	3951	321	3897	4218	370	3854	4224	305	3735	4040	1679	18812	20491
75-84	1223	7431	8654	1156	7073	8229	1121	7801	8922	1053	7733	8786	1036	7404	8440	5589	37442	43031
>=85	1944	8006	9950	1940	7982	9922	1921	8765	10686	1935	9144	11079	1906	9409	11315	9646	43306	52952

**Table 11B: Adult Care Home Need Projections for 2013 (Draft for May 15, 2009 Committee Meeting - Draft 2010 Plan)**

County	Projected 2013 Population					Projected 2013 Bed Utilization					Projected Bed Utilization Sum	(1) Currently Licensed	(2) # License Pending	(3) Exclusions	(4) Planning Inventory	(5) Surplus/Deficit	(6) Deficit Index	(7) Occ. Rate <85	(8) Beds Needed
	< 35*	35-64	65-74	75-84	85 up	<35*	35-64	65-74	75-84	85+									
Alamance	75,259	64,941	12,878	6,805	2,982	10	108	90	133	245	585	783	0	20	763	178		0	
Alexander	16,612	15,871	3,643	1,728	570	2	26	25	34	47	134	126	10	0	136	2		0	
Alleghany	4,418	4,619	1,331	830	295	1	8	9	16	24	58	22	40	0	62	4		0	
Anson	11,381	9,928	2,197	1,123	586	1	16	15	22	48	103	113	0	0	113	10		0	
Ashe	10,848	11,077	3,005	1,718	706	1	18	21	34	58	132	136	0	0	136	4		0	
Avery	7,349	7,786	1,851	1,062	410	1	13	13	21	34	81	100	0	0	100	19		0	
Beaufort	21,086	17,845	4,949	2,660	1,004	3	30	34	52	82	201	167	50	0	217	16		0	
Bertie	9,443	7,516	1,722	1,074	463	1	12	12	21	38	85	45	60	0	105	20		0	
Bladen	15,011	12,165	2,952	1,570	575	2	20	21	31	47	121	150	0	0	150	29		0	
Brunswick	52,345	47,864	12,257	6,941	2,010	7	79	85	136	165	472	335	22	0	357	-115	24%	TBD	
Buncombe	103,326	100,601	22,146	11,594	5,370	13	167	154	227	441	1,002	1,190	20	89	1,121	119		0	
Burke	41,403	38,024	8,713	4,683	1,768	5	63	61	92	145	366	427	0	24	403	37		0	
Cabarrus	96,879	82,322	14,835	6,705	2,501	13	137	103	131	205	589	944	0	12	932	343		0	
Caldwell	35,743	34,571	7,938	4,111	1,393	5	57	55	80	114	312	349	0	0	349	37		0	
Camden	4,434	4,156	938	480	166	1	7	7	9	14	37	0	24	0	24	-13	35%	**	
Carteret*	24,588	26,230	7,350	4,327	1,620	3	44	51	85	133	316	238	120	0	358	42		0	
Caswell	9,225	9,761	2,329	1,174	487	1	16	16	23	40	97	207	0	0	207	110		0	
Catawba	74,453	67,561	14,055	6,859	2,545	10	112	98	134	209	563	746	0	9	737	174		0	
Chatham	29,767	28,628	5,908	3,030	1,442	4	48	41	59	118	270	359	29	94	294	24		0	
Cherokee	11,496	11,029	3,345	1,993	774	1	18	23	39	64	146	24	70	0	94	-52	35%	TBD	
Chowan	6,782	5,390	1,383	909	425	1	9	10	18	35	72	90	60	0	150	78		0	
Clay	4,316	4,442	1,369	819	387	1	7	10	16	32	65	70	0	0	70	5		0	
Cleveland	46,530	40,053	9,103	4,595	1,765	6	66	63	90	145	371	503	23	0	526	155		0	
Columbus	26,872	21,120	4,967	2,643	889	3	35	35	52	73	198	225	0	0	225	27		0	
Craven*	45,020	35,365	7,377	4,749	1,765	6	59	51	93	145	354	636	0	0	636	282		0	
Cumberland*	143,413	121,483	18,263	9,543	3,031	19	202	127	187	249	783	772	0	0	772	-11	1%		
Currituck	9,608	9,479	2,186	1,088	355	1	16	15	21	29	83	0	90	0	90	7		0	
Dare	12,276	13,408	3,435	2,097	748	2	22	24	41	61	150	90	30	0	120	-30	20%	TBD	
Davidson	75,285	70,314	15,320	7,613	2,844	10	117	106	149	234	616	624	14	20	618	2		0	
Davie	19,294	18,225	4,114	2,063	811	3	30	29	40	67	168	212	0	0	212	44		0	
Duplin	27,143	21,421	4,206	2,422	862	4	36	29	47	71	187	413	4	0	417	230		0	
Durham	155,661	108,692	18,865	8,381	3,989	20	180	131	164	328	823	957	0	32	925	102		0	
Edgecombe	25,070	19,129	4,104	2,240	895	3	32	29	44	73	181	312	0	0	312	131		0	
Forsyth	170,682	150,847	29,435	15,153	6,582	22	250	205	297	541	1,314	2,132	164	92	2,204	890		0	
Franklin	28,959	26,417	4,910	2,243	809	4	44	34	44	66	192	240	0	0	240	48		0	

\* Projections for under age 35 were adjusted to exclude active duty military personnel.

\*\* Not Applicable. No licensed beds in County.

Average "Combined" Ratios for Beds per 1000 derived based on reported number of patients based on 2005 through 2009 License Renewal Applications.

0.13 Beds/1000 Under Age 35  
 1.66 Beds/1000 Age 35-64  
 6.95 Beds/1000 Age 65-74  
 19.57 Beds/1000 Age 75-84  
 82.12 Beds/1000 Age 85 up

TBD - To Be Determined

(1) Number of licensed beds as reported by the Licensure and Certification and Adult Care Licensure Sections.

(2) Number of beds pending licensure per CON decisions; settlement or litigation; exemptions and pipeline beds per the Adult Care Licensure Section; and, unlicensed beds available in prior Plans that have not been CON approved.

(3) One-half number of beds in CCRCS.

(4) Derived from Currently Licensed plus # license pending minus exclusions.

(5) Derived from comparison of projected bed utilization sum and planning inventory.

(6) Deficit Index ("Deficit" divided by "Projected Utilization")

(7) Occ. rate </> 85% in counties with "deficit indexes" of 10% or greater based on 2009 Lic. Renewal Applications, excluding CCRCS.

(8) Need based on "Deficit Index" of 10% or greater, average occupancy of 85% per License Renewal Application data and deficit of at least 5 beds. If deficit index is 50% or more, average occupancy is not applicable.

**Table 11B: Adult Care Home Need Projections for 2013 (Draft for May 15, 2009 Committee Meeting - Draft 2010 Plan)**

County	Projected 2013 Population					Projected 2013 Bed Utilization					Projected Bed Utilization Sum	(1) Currently Licensed	(2) # License Pending	(3) Exclusions	(4) Planning Inventory	(5) Surplus/* = Deficit	(6) Deficit Index	(7) Occ. Rate <85	(8) Beds Needed
	< 35*	35-64	65-74	75-84	85 up	<35*	35-64	65-74	75-84	85+									
Gaston	103,875	93,115	18,684	8,875	3,086	14	155	130	174	253	725	1,181	42	33	1,190	465		NA	0
Gates	5,407	4,863	1,109	575	240	1	8	8	11	20	47	10	0	0	10	-37	79%	NA	40
Graham	3,551	3,052	937	567	211	0	5	7	11	17	40	23	0	0	23	-17	43%	TBD	?
Granville	25,738	25,524	4,745	2,336	832	3	42	33	46	68	193	251	0	0	251	58			0
Greene	9,840	9,103	1,741	920	355	1	15	12	18	29	76	57	0	0	57	-19	25%	TBD	?
Guilford	233,467	208,777	39,726	19,647	8,778	30	347	276	384	721	1,758	2,425	-16	143	2,266	508			0
Halifax	25,583	20,423	4,669	2,765	1,367	3	34	32	54	112	236	205	0	0	205	-31	13%	TBD	?
Harnett*	59,575	50,418	8,479	4,053	1,425	8	84	59	79	117	347	690	0	0	690	343			0
Haywood	22,947	23,261	6,536	4,074	1,687	3	39	45	80	139	305	273	50	0	323	18			0
Henderson	47,672	43,714	10,936	6,944	3,444	6	73	76	136	283	573	573	32	30	575	2			0
Hertford	11,188	8,659	2,086	1,190	513	1	14	14	23	42	96	181	0	0	181	85			0
Hoke*	24,802	19,584	2,741	1,265	373	3	33	19	25	31	110	173	0	0	173	63			0
Hyde	1,983	2,356	513	339	142	0	4	4	7	12	26	0	30	0	30	4			0
Iredell	80,880	71,511	13,944	6,620	2,336	11	119	97	130	192	548	858	0	0	858	310			0
Jackson	18,914	14,259	3,872	2,004	714	2	24	27	39	59	151	55	90	0	145	-6	4%		0
Johnston	91,213	80,085	13,779	5,916	2,032	12	133	96	116	167	523	731	0	0	731	208			0
Jones	4,432	4,041	993	586	273	1	7	7	11	22	48	20	30	0	50	2			0
Lee	30,800	24,340	4,823	2,517	1,020	4	40	34	49	84	211	323	0	0	323	112			0
Lenoir	26,412	21,496	5,225	2,959	1,180	3	36	36	58	97	230	336	0	0	336	106			0
Lincoln	38,181	35,111	7,234	3,127	1,023	5	58	50	61	84	259	307	96	0	403	144			0
Macon	15,435	13,899	4,118	2,677	1,150	2	23	29	52	94	201	78	110	0	188	-13	6%		0
Madison	9,414	8,844	2,203	1,183	445	1	15	15	23	37	91	89	0	0	89	-2	2%		0
Martin	10,793	8,714	2,171	1,266	483	1	14	15	25	40	95	212	0	0	212	117			0
McDowell	20,236	19,619	4,358	2,421	874	3	33	30	47	72	185	351	0	0	351	166			0
Mecklenburg	450,089	408,680	64,447	27,511	11,623	59	678	448	538	954	2,678	2,695	0	225	2,470	-208	8%		0
Mitchell	6,421	6,414	1,826	1,077	420	1	11	13	21	34	80	10	80	0	90	10			0
Montgomery	12,997	10,803	2,504	1,357	599	2	18	17	27	49	113	240	0	0	240	127			0
Moore*	39,674	34,915	8,654	6,097	3,343	5	58	60	119	275	517	629	10	40	599	82			0
Nash	46,238	40,390	8,155	3,912	1,544	6	67	57	77	127	333	522	0	0	522	189			0
New Hanover	91,535	84,028	17,491	8,819	3,577	12	139	122	173	294	739	1,117	0	0	1,117	378			0
Northampton	9,166	7,822	2,070	1,272	623	1	13	14	25	51	105	244	0	0	244	139			0
Onslow*	88,074	57,150	7,559	4,190	1,272	11	95	53	82	104	345	386	0	0	386	41			0
Orange	66,772	55,647	9,867	4,232	1,989	9	92	69	83	163	416	505	0	45	460	44			0
Pamlico	4,779	5,055	1,545	1,046	416	1	8	11	20	34	74	48	0	0	48	-26	35%	TBD	?
Pasquotank	20,110	15,734	3,333	1,756	843	3	26	23	34	69	155	266	0	0	266	111			0

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