

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination DRAFT - 09/06/2018

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017			
Alamance	766	759	756	774	762	153,642	155,788	157,624	159,371	161,076	4.9856	4.8720	4.7962	4.8566	4.7307	-0.0129	-0.0129	4.5473
Alexander	121	115	128	115	109	37,448	37,829	38,302	38,054	38,452	3.2311	3.0400	3.3419	3.0220	2.8347	-0.0294	-0.0186	2.6765
Alleghany	78	77	85	83	75	11,029	11,111	11,159	11,255	11,233	7.0723	6.9301	7.6172	7.3745	6.6768	-0.0119	-0.0119	6.4392
Anson	138	145	147	145	152	26,322	26,464	26,469	26,155	25,626	5.2428	5.4791	5.5537	5.5439	5.9315	0.0317	-0.0186	5.6005
Ashe	119	117	109	118	112	27,442	27,448	27,482	27,318	27,218	4.3364	4.2626	3.9662	4.3195	4.1149	-0.0112	-0.0112	3.9765
Avery	92	96	90	85	84	17,866	17,895	17,902	17,837	18,072	5.1494	5.3646	5.0274	4.7654	4.6481	-0.0245	-0.0245	4.3071
Beaufort	260	259	250	254	244	47,791	47,714	47,718	47,827	47,547	5.4404	5.4282	5.2391	5.3108	5.1318	-0.0143	-0.0143	4.9120
Bertie	129	114	115	115	114	20,586	20,621	20,361	20,413	19,881	6.2664	5.5283	5.6481	5.6337	5.7341	-0.0202	-0.0202	5.3864
Bladen	165	157	154	161	134	35,219	35,113	35,152	35,011	34,393	4.6850	4.4713	4.3810	4.5986	3.8961	-0.0422	-0.0186	3.6788
Brunswick	449	443	404	430	435	115,666	117,852	121,577	125,712	131,726	3.8819	3.7590	3.3230	3.4205	3.3023	-0.0382	-0.0186	3.1181
Buncombe	1,567	1,596	1,498	1,513	1,521	248,929	251,271	254,344	257,931	261,532	6.2950	6.3517	5.8897	5.8659	5.8157	-0.0191	-0.0191	5.4829
Burke	490	462	428	432	422	89,552	89,198	89,198	89,274	90,246	5.4717	5.1795	4.7983	4.8390	4.6761	-0.0380	-0.0186	4.4152
Cabarrus	581	587	562	582	572	186,502	191,080	195,999	200,595	205,473	3.1152	3.0720	2.8674	2.9014	2.7838	-0.0273	-0.0186	2.6285
Caldwell	359	336	327	318	327	82,536	82,447	82,391	82,691	83,303	4.3496	4.0753	3.9689	3.8456	3.9254	-0.0249	-0.0249	3.6325
Camden *	0	0	0	0	0	10,040	10,239	10,349	10,223	10,359	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Carteret	270	312	299	310	330	68,222	69,358	69,530	70,115	70,190	3.9577	4.4984	4.3003	4.4213	4.7015	0.0460	-0.0186	4.4392
Caswell	130	137	135	134	113	23,736	23,606	23,643	23,615	23,699	5.4769	5.8036	5.7099	5.6744	4.7681	-0.0306	-0.0186	4.5021
Catawba	684	655	653	681	647	155,463	155,832	156,182	156,106	156,949	4.3998	4.2032	4.1810	4.3624	4.1224	-0.0154	-0.0154	3.9319
Chatham	357	356	364	360	338	67,638	68,726	69,851	73,176	74,835	5.2781	5.1800	5.2111	4.9196	4.5166	-0.0376	-0.0186	4.2646
Cherokee	173	181	172	161	170	27,156	27,360	27,487	27,878	29,216	6.3706	6.6155	6.2575	5.7752	5.8187	-0.0213	-0.0213	5.4469
Chowan	94	91	92	92	84	14,806	14,637	14,670	14,418	14,292	6.3488	6.2171	6.2713	6.3809	5.8774	-0.0184	-0.0184	5.5536
Clay	82	80	71	80	77	10,628	10,750	10,886	11,089	11,488	7.7155	7.4419	6.5221	7.2144	6.7026	-0.0310	-0.0186	6.3287
Cleveland	485	468	438	457	453	97,442	97,910	98,246	97,997	98,580	4.9773	4.7799	4.4582	4.6634	4.5953	-0.0189	-0.0189	4.3349
Columbus	280	280	255	263	255	57,536	57,645	57,579	57,095	56,941	4.8665	4.8573	4.4287	4.6064	4.4783	-0.0195	-0.0195	4.2170
Craven	389	385	395	383	392	98,121	104,513	105,052	103,256	103,735	3.9645	3.6838	3.7600	3.7092	3.7789	-0.0112	-0.0112	3.6518
Cumberland	997	985	965	990	973	303,933	329,411	331,238	327,820	329,604	3.2803	2.9902	2.9133	3.0199	2.9520	-0.0250	-0.0250	2.7305
Currituck	81	85	84	79	73	24,055	24,958	25,616	26,194	26,604	3.3673	3.4057	3.2792	3.0160	2.7439	-0.0491	-0.0186	2.5909
Dare	73	65	63	70	68	35,182	35,373	35,579	36,411	36,792	2.0749	1.8376	1.7707	1.9225	1.8482	-0.0259	-0.0259	1.7045
Davidson	710	721	666	678	667	163,826	164,464	164,927	165,953	167,105	4.3339	4.3839	4.0382	4.0855	3.9915	-0.0197	-0.0197	3.7562
Davie	183	167	164	157	166	41,524	41,474	41,475	41,989	42,727	4.4071	4.0266	3.9542	3.7391	3.8851	-0.0299	-0.0186	3.6684
Duplin	235	246	230	252	225	60,122	60,126	60,446	59,868	59,513	3.9087	4.0914	3.8050	4.2093	3.7807	-0.0047	-0.0047	3.7273
Durham	1,099	1,111	1,105	1,064	1,100	286,142	292,194	297,807	302,332	306,184	3.8408	3.8023	3.7105	3.5193	3.5926	-0.0162	-0.0162	3.4179
Edgecombe	282	266	258	257	277	55,723	55,474	55,394	54,248	52,856	5.0607	4.7950	4.6575	4.7375	5.2407	0.0105	-0.0186	4.9483
Forsyth	1,283	1,305	1,221	1,336	1,255	360,589	364,258	367,853	369,688	372,651	3.5581	3.5826	3.3193	3.6139	3.3678	-0.0115	-0.0115	3.2517
Franklin	175	189	183	162	165	62,720	63,217	63,848	64,925	66,514	2.7902	2.9897	2.8662	2.4952	2.4807	-0.0263	-0.0263	2.2852
Gaston	882	871	860	833	843	209,606	210,745	211,936	214,664	218,527	4.2079	4.1330	4.0578	3.8805	3.8576	-0.0214	-0.0214	3.6101
Gates	54	57	47	48	51	11,654	11,947	11,914	11,701	11,960	4.6336	4.7711	3.9449	4.1022	4.2642	-0.0160	-0.0160	4.0591
Graham	65	72	73	70	68	8,845	8,840	8,890	8,722	8,837	7.3488	8.1448	8.2115	8.0257	7.6949	0.0132	-0.0186	7.2656
Granville	187	204	217	202	197	57,925	58,102	58,280	58,919	59,975	3.2283	3.5111	3.7234	3.4284	3.2847	0.0067	-0.0186	3.1014
Greene	94	104	99	102	104	21,081	21,283	21,309	21,073	21,522	4.4590	4.8865	4.6459	4.8403	4.8323	0.0217	-0.0186	4.5627
Guilford	2,133	2,102	2,056	2,044	1,937	507,578	512,281	516,415	521,368	523,962	4.2023	4.1032	3.9813	3.9205	3.6968	-0.0314	-0.0186	3.4906

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	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017			
Halifax	294	284	280	276	214	53,718	53,189	52,876	52,062	51,815	5.4730	5.3394	5.2954	5.3014	4.1301	-0.0631	-0.0186	3.8996
Harnett	362	378	364	358	364	119,374	125,717	127,986	128,597	130,847	3.0325	3.0068	2.8441	2.7839	2.7819	-0.0211	-0.0211	2.6056
Haywood	402	418	428	405	385	59,690	59,913	60,178	61,126	62,277	6.7348	6.9768	7.1122	6.6257	6.1821	-0.0200	-0.0200	5.8110
Henderson	796	804	788	779	765	109,305	110,903	112,116	113,806	116,173	7.2824	7.2496	7.0284	6.8450	6.5850	-0.0248	-0.0248	6.0956
Hertford	142	130	126	133	142	24,558	24,595	24,501	24,402	23,947	5.7822	5.2856	5.1426	5.4504	5.9298	0.0087	-0.0186	5.5989
Hoke	124	119	115	117	119	47,756	50,987	51,568	52,833	53,343	2.5965	2.3339	2.2301	2.2145	2.2308	-0.0363	-0.0186	2.1064
Hyde	57	51	50	46	41	5,801	5,743	5,735	5,678	5,644	9.8259	8.8804	8.7184	8.1014	7.2644	-0.0721	-0.0186	6.8590
Iredell	561	528	539	522	518	165,025	167,161	169,281	173,206	176,563	3.3995	3.1586	3.1841	3.0138	2.9338	-0.0357	-0.0186	2.7701
Jackson	156	149	139	156	141	40,812	41,032	41,279	41,909	43,116	3.8224	3.6313	3.3673	3.7224	3.2702	-0.0347	-0.0186	3.0878
Johnston	498	484	480	494	522	177,372	180,050	183,309	188,761	194,705	2.8077	2.6881	2.6185	2.6171	2.6810	-0.0112	-0.0112	2.5913
Jones	55	54	59	59	55	10,554	10,470	10,490	10,424	10,356	5.2113	5.1576	5.6244	5.6600	5.3109	0.0062	-0.0186	5.0146
Lee	229	250	254	268	241	59,356	59,205	59,202	58,907	59,337	3.8581	4.2226	4.2904	4.5495	4.0615	0.0159	-0.0186	3.8349
Lenoir	274	315	310	300	292	59,063	58,826	58,780	58,273	57,477	4.6391	5.3548	5.2739	5.1482	5.0803	0.0255	-0.0186	4.7968
Lincoln	290	253	262	268	261	79,768	80,202	80,810	82,475	83,251	3.6355	3.1545	3.2422	3.2495	3.1351	-0.0344	-0.0186	2.9602
Macon	150	164	88	142	144	34,149	34,432	34,851	35,091	35,413	4.3925	4.7630	2.5250	4.0466	4.0663	0.0555	-0.0186	3.8394
Madison	164	171	169	175	171	21,370	21,584	21,728	21,818	22,240	7.6743	7.9225	7.7780	8.0209	7.6888	0.0010	0.0010	7.7115
Martin	118	111	108	103	99	23,755	23,714	23,604	23,649	23,510	4.9674	4.6808	4.5755	4.3554	4.2110	-0.0404	-0.0186	3.9760
McDowell	216	217	204	212	196	45,245	45,320	45,380	45,485	45,716	4.7740	4.7882	4.4954	4.6609	4.2873	-0.0254	-0.0254	3.9609
Mecklenburg	2,584	2,673	2,729	2,831	2,743	991,191	1,013,290	1,032,620	1,055,826	1,077,301	2.6070	2.6379	2.6428	2.6813	2.5462	-0.0055	-0.0055	2.5040
Mitchell	102	108	109	97	90	15,388	15,830	15,826	15,328	15,237	6.6285	6.8225	6.8874	6.3283	5.9067	-0.0273	-0.0186	5.5771
Montgomery	93	96	98	101	95	27,775	27,819	27,842	27,894	27,865	3.3483	3.4509	3.5199	3.6209	3.4093	0.0052	-0.0186	3.2191
Moore	585	613	549	615	569	90,864	93,079	94,218	95,789	97,597	6.4382	6.5858	5.8269	6.4204	5.8301	-0.0206	-0.0206	5.4698
Nash	435	428	368	394	388	94,776	94,528	94,331	94,280	94,365	4.5898	4.5278	3.9012	4.1790	4.1117	-0.0242	-0.0242	3.8132
New Hanover	890	936	907	892	900	213,222	216,951	220,108	223,152	227,261	4.1741	4.3143	4.1207	3.9973	3.9602	-0.0126	-0.0126	3.8102
Northampton	120	130	110	115	120	21,218	21,218	21,095	21,037	20,709	5.6556	6.1269	5.2145	5.4666	5.7946	0.0107	-0.0186	5.4713
Onslow	256	245	232	235	239	162,796	193,221	194,607	196,830	195,621	1.5725	1.2680	1.1921	1.1939	1.2218	-0.0572	-0.0186	1.1536
Orange	307	298	284	309	293	139,738	139,930	141,599	141,704	142,365	2.1970	2.1296	2.0057	2.1806	2.0581	-0.0145	-0.0145	1.9688
Pamlico	54	76	68	75	69	13,071	13,137	13,158	13,177	13,268	4.1313	5.7852	5.1680	5.6917	5.2005	0.0772	-0.0186	4.9103
Pasquotank	222	228	212	220	214	38,441	39,655	39,951	39,959	40,598	5.7751	5.7496	5.3065	5.5056	5.2712	-0.0216	-0.0216	4.9291
Pender	230	232	234	233	225	55,587	56,540	57,693	59,105	60,999	4.1377	4.1033	4.0560	3.9421	3.6886	-0.0281	-0.0186	3.4828
Perquimans	62	57	58	63	51	13,735	13,627	13,566	13,699	13,546	4.5140	4.1829	4.2754	4.5989	3.7649	-0.0392	-0.0186	3.5549
Person	175	182	181	185	171	39,189	39,268	39,322	39,712	39,868	4.4655	4.6348	4.6030	4.6585	4.2892	-0.0090	-0.0090	4.1728
Pitt	493	503	388	466	503	173,938	174,414	175,390	176,311	176,424	2.8343	2.8839	2.2122	2.6431	2.8511	0.0145	-0.0186	2.6920
Polk	194	191	183	173	180	20,528	20,755	20,848	20,927	21,154	9.4505	9.2026	8.7778	8.2668	8.5090	-0.0253	-0.0253	7.8625
Randolph	635	635	640	624	612	142,614	143,079	143,666	143,091	144,672	4.4526	4.4381	4.4548	4.3609	4.2303	-0.0126	-0.0126	4.0700
Richmond	162	191	162	189	161	46,053	45,543	45,521	45,301	44,892	3.5177	4.1938	3.5588	4.1721	3.5864	0.0182	-0.0186	3.3863
Robeson	385	479	476	480	459	133,984	133,562	133,257	133,117	132,020	2.8735	3.5863	3.5720	3.6059	3.4767	0.0544	-0.0186	3.2828
Rockingham	544	540	534	528	517	92,259	92,557	92,543	91,981	91,790	5.8964	5.8342	5.7703	5.7403	5.6324	-0.0114	-0.0114	5.4402
Rowan	849	849	833	840	794	138,708	138,709	138,710	140,963	141,917	6.1208	6.1207	6.0053	5.9590	5.5948	-0.0219	-0.0219	5.2269
Rutherford	374	345	354	376	362	67,764	67,600	67,466	67,665	67,796	5.5192	5.1036	5.2471	5.5568	5.3395	-0.0068	-0.0068	5.2304
Sampson	252	237	223	227	218	64,335	64,400	64,516	63,993	63,143	3.9170	3.6801	3.4565	3.5473	3.4525	-0.0304	-0.0186	3.2599

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Scotland	185	178	168	184	177	36,231	36,059	35,804	35,626	35,686	5.1061	4.9364	4.6922	5.1648	4.9599	-0.0054	-0.0054	4.8794
Stanly	364	372	350	340	350	60,631	61,061	61,255	61,447	62,443	6.0035	6.0923	5.7138	5.5332	5.6051	-0.0165	-0.0165	5.3279
Stokes	307	296	300	303	292	46,747	46,786	46,787	46,735	46,728	6.5673	6.3267	6.4120	6.4834	6.2489	-0.0120	-0.0120	6.0231
Surry	433	437	431	417	404	73,367	73,840	73,834	73,195	72,843	5.9018	5.9182	5.8374	5.6971	5.5462	-0.0154	-0.0154	5.2907
Swain	88	97	93	96	95	14,596	14,829	14,987	15,106	14,999	6.0290	6.5412	6.2054	6.3551	6.3338	0.0136	-0.0186	5.9804
Transylvania	189	208	219	202	183	33,222	33,440	33,738	34,056	34,464	5.6890	6.2201	6.4912	5.9314	5.3099	-0.0135	-0.0135	5.0945
Tyrrell *	0	0	0	0	0	4,142	4,135	4,142	4,215	4,138	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Union	542	517	530	572	583	211,558	215,956	220,546	224,030	228,171	2.5619	2.3940	2.4031	2.5532	2.5551	0.0004	0.0004	2.5579
Vance	211	215	213	212	214	45,070	45,078	45,022	45,113	44,862	4.6816	4.7695	4.7310	4.6993	4.7702	0.0048	-0.0186	4.5040
Wake	1,950	2,026	1,969	2,002	2,009	963,973	985,320	1,005,367	1,029,789	1,048,771	2.0229	2.0562	1.9585	1.9441	1.9156	-0.0133	-0.0133	1.8393
Warren	120	111	124	111	114	20,457	20,524	20,514	20,469	20,133	5.8660	5.4083	6.0447	5.4228	5.6623	-0.0048	-0.0048	5.5814
Washington	95	99	104	98	92	12,830	12,682	12,646	12,508	12,349	7.4045	7.8063	8.2239	7.8350	7.4500	0.0028	-0.0186	7.0343
Watauga	108	168	165	168	175	52,692	52,923	53,314	54,340	56,170	2.0496	3.1744	3.0949	3.0916	3.1155	0.1326	-0.0186	2.9417
Wayne	446	453	425	415	411	121,421	125,689	125,912	124,900	124,945	3.6732	3.6041	3.3754	3.3227	3.2894	-0.0270	-0.0186	3.1059
Wilkes	374	378	375	365	311	69,774	69,890	70,000	69,663	70,536	5.3602	5.4085	5.3571	5.2395	4.4091	-0.0452	-0.0186	4.1631
Wilson	334	342	358	361	343	81,419	81,405	81,677	82,152	82,035	4.1022	4.2012	4.3831	4.3943	4.1811	0.0054	-0.0186	3.9479
Yadkin	202	198	201	189	172	38,146	37,846	37,655	37,521	37,687	5.2954	5.2317	5.3379	5.0372	4.5639	-0.0355	-0.0186	4.3093
Yancey	100	95	85	86	81	17,919	17,915	17,915	17,980	18,199	5.5807	5.3028	4.7446	4.7831	4.4508	-0.0541	-0.0186	4.2025
State Total	37,730	38,100	37,023	37,592	36,740	9,779,863	9,953,687	10,054,722	10,158,475	10,272,692	3.8579	3.8277	3.6822	3.7006	3.5765	-0.0186		

* Camden and Tyrrell have no Nursing Care Beds.