

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination **DRAFT - 5/2/2019**

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018			
Alamance	759	756	774	762	665	155,788	157,624	159,371	161,076	165,749	4.8720	4.7962	4.8566	4.7307	4.0121	-0.0452	-0.0228	3.7373
Alexander	115	128	115	109	104	37,829	38,302	38,054	38,452	38,390	3.0400	3.3419	3.0220	2.8347	2.7090	-0.0257	-0.0257	2.5003
Alleghany	77	85	83	75	67	11,111	11,159	11,255	11,233	11,466	6.9301	7.6172	7.3745	6.6768	5.8434	-0.0380	-0.0228	5.4431
Anson	145	147	145	152	149	26,464	26,469	26,155	25,626	25,460	5.4791	5.5537	5.5439	5.9315	5.8523	0.0171	-0.0228	5.4514
Ashe	117	109	118	112	117	27,448	27,482	27,318	27,218	27,551	4.2626	3.9662	4.3195	4.1149	4.2467	0.0010	-0.0228	3.9558
Avery	96	90	85	84	79	17,895	17,902	17,837	18,072	17,913	5.3646	5.0274	4.7654	4.6481	4.4102	-0.0477	-0.0228	4.1081
Beaufort	259	250	254	244	245	47,714	47,718	47,827	47,547	47,438	5.4282	5.2391	5.3108	5.1318	5.1646	-0.0121	-0.0121	4.9770
Bertie	114	115	115	114	105	20,621	20,361	20,413	19,881	19,732	5.5283	5.6481	5.6337	5.7341	5.3213	-0.0088	-0.0088	5.1814
Bladen	157	154	161	134	146	35,113	35,152	35,011	34,393	34,298	4.4713	4.3810	4.5986	3.8961	4.2568	-0.0077	-0.0077	4.1588
Brunswick	443	404	430	435	386	117,852	121,577	125,712	131,726	136,126	3.7590	3.3230	3.4205	3.3023	2.8356	-0.0656	-0.0228	2.6414
Buncombe	1,596	1,498	1,513	1,521	1,443	251,271	254,344	257,931	261,532	262,483	6.3517	5.8897	5.8659	5.8157	5.4975	-0.0350	-0.0228	5.1209
Burke	462	428	432	422	406	89,198	89,198	89,274	90,246	91,555	5.1795	4.7983	4.8390	4.6761	4.4345	-0.0376	-0.0228	4.1307
Cabarrus	587	562	582	572	591	191,080	195,999	200,595	205,473	209,303	3.0720	2.8674	2.9014	2.7838	2.8237	-0.0202	-0.0202	2.6522
Caldwell	336	327	318	327	341	82,447	82,391	82,691	83,303	83,597	4.0753	3.9689	3.8456	3.9254	4.0791	0.0007	-0.0228	3.7997
Camden *	0	0	0	0	0	10,239	10,349	10,223	10,359	10,414	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0228	0.0000
Carteret	312	299	310	330	259	69,358	69,530	70,115	70,190	70,619	4.4984	4.3003	4.4213	4.7015	3.6676	-0.0431	-0.0228	3.4163
Caswell	137	135	134	113	113	23,606	23,643	23,615	23,699	23,309	5.8036	5.7099	5.6744	4.7681	4.8479	-0.0413	-0.0228	4.5158
Catawba	655	653	681	647	647	155,832	156,182	156,106	156,949	157,978	4.2032	4.1810	4.3624	4.1224	4.0955	-0.0059	-0.0228	3.8150
Chatham	356	364	360	338	339	68,726	69,851	73,176	74,835	74,491	5.1800	5.2111	4.9196	4.5166	4.5509	-0.0311	-0.0228	4.2392
Cherokee	181	172	161	170	158	27,360	27,487	27,878	29,216	29,288	6.6155	6.2575	5.7752	5.8187	5.3947	-0.0491	-0.0228	5.0252
Chowan	91	92	92	84	91	14,637	14,670	14,418	14,292	14,123	6.2171	6.2713	6.3809	5.8774	6.4434	0.0109	-0.0228	6.0020
Clay	80	71	80	77	86	10,750	10,886	11,089	11,488	11,646	7.4419	6.5221	7.2144	6.7026	7.3845	0.0033	-0.0228	6.8787
Cleveland	468	438	457	453	457	97,910	98,246	97,997	98,580	98,717	4.7799	4.4582	4.6634	4.5953	4.6294	-0.0071	-0.0071	4.5306
Columbus	280	255	263	255	256	57,645	57,579	57,095	56,941	56,505	4.8573	4.4287	4.6064	4.4783	4.5306	-0.0161	-0.0161	4.3122
Craven	385	395	383	392	401	104,513	105,052	103,256	103,735	103,569	3.6838	3.7600	3.7092	3.7789	3.8718	0.0126	-0.0228	3.6066
Cumberland	985	965	990	973	984	329,411	331,238	327,820	329,604	329,079	2.9902	2.9133	3.0199	2.9520	2.9902	0.0003	-0.0228	2.7853
Currituck	85	84	79	73	59	24,958	25,616	26,194	26,604	27,321	3.4057	3.2792	3.0160	2.7439	2.1595	-0.1052	-0.0228	2.0116
Dare	65	63	70	68	91	35,373	35,579	36,411	36,792	37,197	1.8376	1.7707	1.9225	1.8482	2.4464	0.0836	-0.0228	2.2789
Davidson	721	666	678	667	689	164,464	164,927	165,953	167,105	167,762	4.3839	4.0382	4.0855	3.9915	4.1070	-0.0153	-0.0153	3.9184
Davie	167	164	157	166	158	41,474	41,475	41,989	42,727	43,193	4.0266	3.9542	3.7391	3.8851	3.6580	-0.0229	-0.0229	3.4062
Duplin	246	230	252	225	232	60,126	60,446	59,868	59,513	59,629	4.0914	3.8050	4.2093	3.7807	3.8907	-0.0091	-0.0091	3.7843
Durham	1,111	1,105	1,064	1,100	911	292,194	297,807	302,332	306,184	311,649	3.8023	3.7105	3.5193	3.5926	2.9232	-0.0603	-0.0228	2.7229
Edgecombe	266	258	257	277	277	55,474	55,394	54,248	52,856	53,001	4.7950	4.6575	4.7375	5.2407	5.2263	0.0230	-0.0228	4.8683
Forsyth	1,305	1,221	1,336	1,255	1,329	364,258	367,853	369,688	372,651	377,523	3.5826	3.3193	3.6139	3.3678	3.5203	-0.0019	-0.0228	3.2792
Franklin	189	183	162	165	187	63,217	63,848	64,925	66,514	67,723	2.9897	2.8662	2.4952	2.4807	2.7612	-0.0159	-0.0159	2.6298
Gaston	871	860	833	843	826	210,745	211,936	214,664	218,527	221,607	4.1330	4.0578	3.8805	3.8576	3.7273	-0.0254	-0.0254	3.4434
Gates	57	47	48	51	51	11,947	11,914	11,701	11,960	12,079	4.7711	3.9449	4.1022	4.2642	4.2222	-0.0259	-0.0259	3.8940
Graham	72	73	70	68	66	8,840	8,890	8,722	8,837	8,775	8.1448	8.2115	8.0257	7.6949	7.5214	-0.0196	-0.0196	7.0802
Granville	204	217	202	197	194	58,102	58,280	58,919	59,975	61,241	3.5111	3.7234	3.4284	3.2847	3.1678	-0.0241	-0.0241	2.9391
Greene	104	99	102	104	83	21,283	21,309	21,073	21,522	21,301	4.8865	4.6459	4.8403	4.8323	3.8965	-0.0507	-0.0228	3.6296
Guilford	2,102	2,056	2,044	1,937	1,985	512,281	516,415	521,368	523,962	533,213	4.1032	3.9813	3.9205	3.6968	3.7227	-0.0238	-0.0238	3.4574

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination **DRAFT - 5/2/2019**

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018			
Halifax	284	280	276	214	257	53,189	52,876	52,062	51,815	51,704	5.3394	5.2954	5.3014	4.1301	4.9706	-0.0061	-0.0061	4.8791
Harnett	378	364	358	364	388	125,717	127,986	128,597	130,847	133,869	3.0068	2.8441	2.7839	2.7819	2.8984	-0.0085	-0.0085	2.8242
Haywood	418	428	405	385	392	59,913	60,178	61,126	62,277	62,959	6.9768	7.1122	6.6257	6.1821	6.2263	-0.0272	-0.0272	5.7182
Henderson	804	788	779	765	714	110,903	112,116	113,806	116,173	117,312	7.2496	7.0284	6.8450	6.5850	6.0863	-0.0426	-0.0228	5.6694
Hertford	130	126	133	142	131	24,595	24,501	24,402	23,947	24,031	5.2856	5.1426	5.4504	5.9298	5.4513	0.0100	-0.0228	5.0779
Hoke	119	115	117	119	108	50,987	51,568	52,833	53,343	54,923	2.3339	2.2301	2.2145	2.2308	1.9664	-0.0407	-0.0228	1.8317
Hyde	51	50	46	41	40	5,743	5,735	5,678	5,644	5,449	8.8804	8.7184	8.1014	7.2644	7.3408	-0.0455	-0.0228	6.8380
Iredell	528	539	522	518	481	167,161	169,281	173,206	176,563	179,330	3.1586	3.1841	3.0138	2.9338	2.6822	-0.0394	-0.0228	2.4985
Jackson	149	139	156	141	163	41,032	41,279	41,909	43,116	44,272	3.6313	3.3673	3.7224	3.2702	3.6818	0.0093	-0.0228	3.4296
Johnston	484	480	494	522	527	180,050	183,309	188,761	194,705	199,768	2.6881	2.6185	2.6171	2.6810	2.6381	-0.0045	-0.0228	2.4574
Jones	54	59	59	55	52	10,470	10,490	10,424	10,356	10,100	5.1576	5.6244	5.6600	5.3109	5.1485	0.0011	-0.0228	4.7959
Lee	250	254	268	241	244	59,205	59,202	58,907	59,337	60,097	4.2226	4.2904	4.5495	4.0615	4.0601	-0.0078	-0.0078	3.9652
Lenoir	315	310	300	292	305	58,826	58,780	58,273	57,477	57,232	5.3548	5.2739	5.1482	5.0803	5.3292	-0.0008	-0.0228	4.9642
Lincoln	253	262	268	261	268	80,202	80,810	82,475	83,251	84,608	3.1545	3.2422	3.2495	3.1351	3.1675	0.0013	-0.0228	2.9506
Macon	164	88	142	144	147	34,432	34,851	35,091	35,413	36,117	4.7630	2.5250	4.0466	4.0663	4.0701	0.0346	-0.0228	3.7913
Madison	171	169	175	171	163	21,584	21,728	21,818	22,240	22,523	7.9225	7.7780	8.0209	7.6888	7.2370	-0.0218	-0.0218	6.7639
Martin	111	108	103	99	102	23,714	23,604	23,649	23,510	23,290	4.6808	4.5755	4.3554	4.2110	4.3796	-0.0159	-0.0159	4.1703
McDowell	217	204	212	196	193	45,320	45,380	45,485	45,716	46,358	4.7882	4.4954	4.6609	4.2873	4.1633	-0.0334	-0.0228	3.8781
Mecklenburg	2,673	2,729	2,831	2,743	2,765	1,013,290	1,032,620	1,055,826	1,077,301	1,093,708	2.6379	2.6428	2.6813	2.5462	2.5281	-0.0103	-0.0103	2.4502
Mitchell	108	109	97	90	88	15,830	15,826	15,328	15,237	15,234	6.8225	6.8874	6.3283	5.9067	5.7766	-0.0401	-0.0228	5.3809
Montgomery	96	98	101	95	96	27,819	27,842	27,894	27,865	27,926	3.4509	3.5199	3.6209	3.4093	3.4377	-0.0004	-0.0228	3.2022
Moore	613	549	615	569	559	93,079	94,218	95,789	97,597	99,310	6.5858	5.8269	6.4204	5.8301	5.6288	-0.0350	-0.0228	5.2433
Nash	428	368	394	388	381	94,528	94,331	94,280	94,365	95,072	4.5278	3.9012	4.1790	4.1117	4.0075	-0.0272	-0.0272	3.6810
New Hanover	936	907	892	900	937	216,951	220,108	223,152	227,261	233,595	4.3143	4.1207	3.9973	3.9602	4.0112	-0.0178	-0.0178	3.7969
Northampton	130	110	115	120	104	21,218	21,095	21,037	20,709	20,711	6.1269	5.2145	5.4666	5.7946	5.0215	-0.0435	-0.0228	4.6775
Onslow	245	232	235	239	227	193,221	194,607	196,830	195,621	198,783	1.2680	1.1921	1.1939	1.2218	1.1419	-0.0251	-0.0251	1.0560
Orange	298	284	309	293	299	139,930	141,599	141,704	142,365	144,372	2.1296	2.0057	2.1806	2.0581	2.0710	-0.0052	-0.0228	1.9292
Pamlico	76	68	75	69	74	13,137	13,158	13,177	13,268	13,273	5.7852	5.1680	5.6917	5.2005	5.5752	-0.0049	-0.0228	5.1933
Pasquotank	228	212	220	214	227	39,655	39,951	39,959	40,598	39,826	5.7496	5.3065	5.5056	5.2712	5.6998	-0.0002	-0.0228	5.3094
Pender	232	234	233	225	217	56,540	57,693	59,105	60,999	62,359	4.1033	4.0560	3.9421	3.6886	3.4799	-0.0401	-0.0228	3.2415
Perquimans	57	58	63	51	49	13,627	13,566	13,699	13,546	13,729	4.1829	4.2754	4.5989	3.7649	3.5691	-0.0339	-0.0228	3.3246
Person	182	181	185	171	163	39,268	39,322	39,712	39,868	40,014	4.6348	4.6030	4.6585	4.2892	4.0736	-0.0311	-0.0228	3.7945
Pitt	503	388	466	503	473	174,414	175,390	176,311	176,424	179,388	2.8839	2.2122	2.6431	2.8511	2.6367	-0.0087	-0.0087	2.5682
Polk	191	183	173	180	173	20,755	20,848	20,927	21,154	21,468	9.2026	8.7778	8.2668	8.5090	8.0585	-0.0320	-0.0228	7.5065
Randolph	635	640	624	612	570	143,079	143,666	143,091	144,672	143,907	4.4381	4.4548	4.3609	4.2303	3.9609	-0.0277	-0.0277	3.6313
Richmond	191	162	189	161	159	45,543	45,521	45,301	44,892	45,032	4.1938	3.5588	4.1721	3.5864	3.5308	-0.0337	-0.0228	3.2890
Robeson	479	476	480	459	446	133,562	133,257	133,117	132,020	131,303	3.5863	3.5720	3.6059	3.4767	3.3967	-0.0133	-0.0133	3.2608
Rockingham	540	534	528	517	524	92,557	92,543	91,981	91,790	91,273	5.8342	5.7703	5.7403	5.6324	5.7410	-0.0039	-0.0228	5.3478
Rowan	849	833	840	794	807	138,709	138,710	140,963	141,917	142,342	6.1207	6.0053	5.9590	5.5948	5.6694	-0.0186	-0.0186	5.3533
Rutherford	345	354	376	362	347	67,600	67,466	67,665	67,796	68,772	5.1036	5.2471	5.5568	5.3395	5.0457	-0.0017	-0.0228	4.7000
Sampson	237	223	227	218	198	64,400	64,516	63,993	63,143	64,019	3.6801	3.4565	3.5473	3.4525	3.0928	-0.0413	-0.0228	2.8810

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination **DRAFT - 5/2/2019**

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018			
Scotland	178	168	184	177	172	36,059	35,804	35,626	35,686	35,802	4.9364	4.6922	5.1648	4.9599	4.8042	-0.0050	-0.0228	4.4751
Stanly	372	350	340	350	334	61,061	61,255	61,447	62,443	63,465	6.0923	5.7138	5.5332	5.6051	5.2627	-0.0355	-0.0228	4.9023
Stokes	296	300	303	292	290	46,786	46,787	46,735	46,728	46,604	6.3267	6.4120	6.4834	6.2489	6.2226	-0.0039	-0.0228	5.7964
Surry	437	431	417	404	424	73,840	73,834	73,195	72,843	73,117	5.9182	5.8374	5.6971	5.5462	5.7989	-0.0047	-0.0228	5.4017
Swain	97	93	96	95	96	14,829	14,987	15,106	14,999	14,862	6.5412	6.2054	6.3551	6.3338	6.4594	-0.0027	-0.0228	6.0170
Transylvania	208	219	202	183	166	33,440	33,738	34,056	34,464	35,034	6.2201	6.4912	5.9314	5.3099	4.7383	-0.0638	-0.0228	4.4137
Tyrrell *	0	0	0	0	0	4,135	4,142	4,215	4,138	4,309	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0228	0.0000
Union	517	530	572	583	559	215,956	220,546	224,030	228,171	232,814	2.3940	2.4031	2.5532	2.5551	2.4011	0.0017	-0.0228	2.2366
Vance	215	213	212	214	218	45,078	45,022	45,113	44,862	45,157	4.7695	4.7310	4.6993	4.7702	4.8276	0.0031	-0.0228	4.4969
Wake	2,026	1,969	2,002	2,009	2,002	985,320	1,005,367	1,029,789	1,048,771	1,073,993	2.0562	1.9585	1.9441	1.9156	1.8641	-0.0241	-0.0241	1.7293
Warren	111	124	111	114	105	20,524	20,514	20,469	20,133	20,174	5.4083	6.0447	5.4228	5.6623	5.2047	-0.0055	-0.0228	4.8482
Washington	99	104	98	92	103	12,682	12,646	12,508	12,349	12,239	7.8063	8.2239	7.8350	7.4500	8.4157	0.0217	-0.0228	7.8393
Watauga	168	165	168	175	171	52,923	53,314	54,340	56,170	57,646	3.1744	3.0949	3.0916	3.1155	2.9664	-0.0166	-0.0166	2.8190
Wayne	453	425	415	411	382	125,689	125,912	124,900	124,945	124,658	3.6041	3.3754	3.3227	3.2894	3.0644	-0.0394	-0.0228	2.8545
Wilkes	378	375	365	311	339	69,890	70,000	69,663	70,536	69,907	5.4085	5.3571	5.2395	4.4091	4.8493	-0.0225	-0.0225	4.5216
Wilson	342	358	361	343	333	81,405	81,677	82,152	82,035	81,968	4.2012	4.3831	4.3943	4.1811	4.0626	-0.0078	-0.0078	3.9680
Yadkin	198	201	189	172	175	37,846	37,655	37,521	37,687	38,477	5.2317	5.3379	5.0372	4.5639	4.5482	-0.0334	-0.0228	4.2366
Yancey	95	85	86	81	81	17,915	17,915	17,980	18,199	18,363	5.3028	4.7446	4.7831	4.4508	4.4110	-0.0439	-0.0228	4.1089
State Total	38,100	37,023	37,592	36,740	36,281	9,953,687	10,054,722	10,158,475	10,272,692	10,401,960	3.8277	3.6822	3.7006	3.5765	3.4879	-0.0228		

* Camden and Tyrrell have no Nursing Care Beds.