

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination

DRAFT 5/5/2017

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016			
Alamance	803	766	759	756	774	153,029	153,642	155,788	157,624	159,371	5.2474	4.9856	4.8720	4.7962	4.8566	-0.0189	-0.0189	4.5811
Alexander	123	121	115	128	115	37,389	37,448	37,829	38,302	38,054	3.2897	3.2311	3.0400	3.3419	3.0220	-0.0183	-0.0183	2.8557
Alleghany	76	78	77	85	83	10,971	11,029	11,111	11,159	11,255	6.9274	7.0723	6.9301	7.6172	7.3745	0.0170	-0.0150	7.0433
Anson	148	138	145	147	145	26,626	26,322	26,464	26,469	26,155	5.5585	5.2428	5.4791	5.5537	5.5439	0.0000	0.0000	5.5444
Ashe	110	119	117	109	118	27,361	27,442	27,448	27,482	27,318	4.0203	4.3364	4.2626	3.9662	4.3195	0.0203	-0.0150	4.1255
Avery	96	92	96	90	85	17,764	17,866	17,895	17,902	17,837	5.4042	5.1494	5.3646	5.0274	4.7654	-0.0301	-0.0150	4.5514
Beaufort	254	260	259	250	136	47,901	47,791	47,714	47,718	47,827	5.3026	5.4404	5.4282	5.2391	2.8436	-0.1171	-0.0150	2.7159
Bertie	118	129	114	115	115	20,665	20,586	20,621	20,361	20,413	5.7101	6.2664	5.5283	5.6481	5.6337	-0.0003	-0.0003	5.6284
Bladen	164	165	157	154	161	35,200	35,219	35,113	35,152	35,011	4.6591	4.6850	4.4713	4.3810	4.5986	-0.0026	-0.0026	4.5620
Brunswick	456	449	443	404	393	112,597	115,666	117,852	121,577	125,712	4.0498	3.8819	3.7590	3.3230	3.1262	-0.0621	-0.0150	2.9858
Buncombe	1,507	1,567	1,596	1,498	1,513	244,969	248,929	251,271	254,344	257,931	6.1518	6.2950	6.3517	5.8897	5.8659	-0.0111	-0.0111	5.6702
Burke	485	490	462	428	432	89,977	89,552	89,198	89,198	89,274	5.3903	5.4717	5.1795	4.7983	4.8390	-0.0259	-0.0150	4.6217
Cabarrus	593	581	587	562	582	183,565	186,502	191,080	195,999	200,595	3.2305	3.1152	3.0720	2.8674	2.9014	-0.0261	-0.0150	2.7711
Caldwell	357	359	336	327	318	82,605	82,536	82,447	82,391	82,691	4.3218	4.3496	4.0753	3.9689	3.8456	-0.0284	-0.0150	3.6729
Camden *	0	0	0	0	0	9,922	10,040	10,239	10,349	10,223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Carteret	246	270	312	299	310	67,372	68,222	69,358	69,530	70,115	3.6514	3.9577	4.4984	4.3003	4.4213	0.0512	-0.0150	4.2228
Caswell	132	130	137	135	134	23,492	23,736	23,606	23,643	23,615	5.6189	5.4769	5.8036	5.7099	5.6744	0.0030	0.0030	5.7254
Catawba	579	684	655	653	681	155,494	155,463	155,832	156,182	156,106	3.7236	4.3998	4.2032	4.1810	4.3624	0.0438	-0.0150	4.1665
Chatham	380	357	356	364	360	66,545	67,638	68,726	69,851	73,176	5.7104	5.2781	5.1800	5.2111	4.9196	-0.0361	-0.0150	4.6987
Cherokee	185	173	181	172	161	27,030	27,156	27,360	27,487	27,878	6.8442	6.3706	6.6155	6.2575	5.7752	-0.0405	-0.0150	5.5158
Chowan	101	94	91	92	92	14,743	14,806	14,637	14,670	14,418	6.8507	6.3488	6.2171	6.2713	6.3809	-0.0170	-0.0170	6.0564
Clay	70	82	80	71	80	10,520	10,628	10,750	10,886	11,089	6.6540	7.7155	7.4419	6.5221	7.2144	0.0267	-0.0150	6.8904
Cleveland	497	485	468	438	457	97,702	97,442	97,910	98,246	97,997	5.0869	4.9773	4.7799	4.4582	4.6634	-0.0206	-0.0206	4.3749
Columbus	270	280	280	255	263	57,862	57,536	57,645	57,579	57,095	4.6663	4.8665	4.8573	4.4287	4.6064	-0.0018	-0.0018	4.5818
Craven	389	389	385	395	383	99,323	98,121	104,513	105,052	103,256	3.9165	3.9645	3.6838	3.7600	3.7092	-0.0128	-0.0128	3.5663
Cumberland	976	997	985	965	990	301,878	303,933	329,411	331,238	327,820	3.2331	3.2803	2.9902	2.9133	3.0199	-0.0157	-0.0157	2.8774
Currituck	81	81	85	84	79	23,767	24,055	24,958	25,616	26,194	3.4081	3.3673	3.4057	3.2792	3.0160	-0.0295	-0.0150	2.8805
Dare	59	73	65	63	70	34,810	35,182	35,373	35,579	36,411	1.6949	2.0749	1.8376	1.7707	1.9225	0.0398	-0.0150	1.8362
Davidson	698	710	721	666	678	163,410	163,826	164,464	164,927	165,953	4.2715	4.3339	4.3839	4.0382	4.0855	-0.0102	-0.0102	3.9599
Davie	174	183	167	164	157	41,412	41,524	41,474	41,475	41,989	4.2017	4.4071	4.0266	3.9542	3.7391	-0.0275	-0.0150	3.5712
Duplin	213	235	246	230	252	60,059	60,122	60,126	60,446	59,868	3.5465	3.9087	4.0914	3.8050	4.2093	0.0463	-0.0150	4.0202
Durham	1,225	1,099	1,111	1,105	1,064	282,511	286,142	292,194	297,807	302,332	4.3361	3.8408	3.8023	3.7105	3.5193	-0.0500	-0.0150	3.3613
Edgecombe	284	282	266	258	257	56,085	55,723	55,474	55,394	54,248	5.0637	5.0607	4.7950	4.6575	4.7375	-0.0162	-0.0162	4.5080
Forsyth	1,311	1,283	1,305	1,221	1,336	357,767	360,589	364,258	367,853	369,688	3.6644	3.5581	3.5826	3.3193	3.6139	-0.0017	-0.0017	3.5952
Franklin	206	175	189	183	162	61,840	62,720	63,217	63,848	64,925	3.3312	2.7902	2.9897	2.8662	2.4952	-0.0654	-0.0150	2.3831
Gaston	887	882	871	860	833	208,582	209,606	210,745	211,936	214,664	4.2525	4.2079	4.1330	4.0578	3.8805	-0.0225	-0.0225	3.6180
Gates	55	54	57	47	48	11,830	11,654	11,947	11,914	11,701	4.6492	4.6336	4.7711	3.9449	4.1022	-0.0267	-0.0150	3.9180
Graham	66	65	72	73	70	8,850	8,845	8,840	8,890	8,722	7.4576	7.3488	8.1448	8.2115	8.0257	0.0198	-0.0150	7.6653
Granville	204	187	204	217	202	56,748	57,925	58,102	58,280	58,919	3.5948	3.2283	3.5111	3.7234	3.4284	-0.0083	-0.0083	3.3433
Greene	103	94	104	99	102	21,363	21,081	21,283	21,309	21,073	4.8214	4.4590	4.8865	4.6459	4.8403	0.0033	0.0033	4.8887
Guilford	2,121	2,133	2,102	2,056	2,044	502,190	507,578	512,281	516,415	521,368	4.2235	4.2023	4.1032	3.9813	3.9205	-0.0184	-0.0184	3.7041

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	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016			
Halifax	293	294	284	280	276	54,237	53,718	53,189	52,876	52,062	5.4022	5.4730	5.3394	5.2954	5.3014	-0.0046	-0.0046	5.2281
Harnett	303	362	378	364	358	117,850	119,374	125,717	127,986	128,597	2.5711	3.0325	3.0068	2.8441	2.7839	0.0239	-0.0150	2.6589
Haywood	428	402	418	428	333	59,291	59,690	59,913	60,178	61,126	7.2186	6.7348	6.9768	7.1122	5.4478	-0.0614	-0.0150	5.2031
Henderson	814	796	804	788	779	108,183	109,305	110,903	112,116	113,806	7.5243	7.2824	7.2496	7.0284	6.8450	-0.0233	-0.0233	6.3662
Hertford	145	142	130	126	133	24,451	24,558	24,595	24,501	24,402	5.9302	5.7822	5.2856	5.1426	5.4504	-0.0195	-0.0195	5.1313
Hoke	126	124	119	115	117	47,471	47,756	50,987	51,568	52,833	2.6543	2.5965	2.3339	2.2301	2.2145	-0.0436	-0.0150	2.1151
Hyde	56	57	51	50	46	5,742	5,801	5,743	5,735	5,678	9.7527	9.8259	8.8804	8.7184	8.1014	-0.0444	-0.0150	7.7376
Iredell	538	561	528	539	522	163,043	165,025	167,161	169,281	173,206	3.2997	3.3995	3.1586	3.1841	3.0138	-0.0215	-0.0215	2.8192
Jackson	166	156	149	139	156	40,788	40,812	41,032	41,279	41,909	4.0698	3.8224	3.6313	3.3673	3.7224	-0.0195	-0.0195	3.5044
Johnston	493	498	484	480	494	174,839	177,372	180,050	183,309	188,761	2.8197	2.8077	2.6881	2.6185	2.6171	-0.0183	-0.0183	2.4732
Jones	61	55	54	59	59	10,615	10,554	10,470	10,490	10,424	5.7466	5.2113	5.1576	5.6244	5.6600	-0.0017	-0.0017	5.6319
Lee	174	229	250	254	268	59,111	59,356	59,205	59,202	58,907	2.9436	3.8581	4.2226	4.2904	4.5495	0.1204	-0.0150	4.3452
Lenoir	266	274	315	310	300	59,401	59,063	58,826	58,780	58,273	4.4780	4.6391	5.3548	5.2739	5.1482	0.0378	-0.0150	4.9170
Lincoln	282	290	253	262	268	79,267	79,768	80,202	80,810	82,475	3.5576	3.6355	3.1545	3.2422	3.2495	-0.0201	-0.0201	3.0536
Macon	171	150	164	88	142	33,985	34,149	34,432	34,851	35,091	5.0316	4.3925	4.7630	2.5250	4.0466	0.0225	-0.0150	3.8649
Madison	176	164	171	169	175	21,192	21,370	21,584	21,728	21,818	8.3050	7.6743	7.9225	7.7780	8.0209	-0.0077	-0.0077	7.8367
Martin	106	118	111	108	103	24,020	23,755	23,714	23,604	23,649	4.4130	4.9674	4.6808	4.5755	4.3554	-0.0007	-0.0007	4.3466
McDowell	229	216	217	204	212	45,288	45,245	45,320	45,380	45,485	5.0565	4.7740	4.7882	4.4954	4.6609	-0.0193	-0.0193	4.3909
Mecklenburg	2,516	2,584	2,673	2,729	2,838	962,388	991,191	1,013,290	1,032,620	1,055,826	2.6143	2.6070	2.6379	2.6428	2.6879	0.0070	0.0070	2.7444
Mitchell	103	102	108	109	97	15,396	15,388	15,830	15,826	15,328	6.6900	6.6285	6.8225	6.8874	6.3283	-0.0129	-0.0129	6.0834
Montgomery	101	93	96	98	101	27,914	27,775	27,819	27,842	27,894	3.6183	3.3483	3.4509	3.5199	3.6209	0.0012	0.0012	3.6336
Moore	587	585	613	549	615	89,799	90,864	93,079	94,218	95,789	6.5368	6.4382	6.5858	5.8269	6.4204	-0.0014	-0.0014	6.3937
Nash	433	435	428	368	394	95,533	94,776	94,528	94,331	94,280	4.5325	4.5898	4.5278	3.9012	4.1790	-0.0170	-0.0170	3.9658
New Hanover	874	890	936	907	892	209,371	213,222	216,951	220,108	223,152	4.1744	4.1741	4.3143	4.1207	3.9973	-0.0103	-0.0103	3.8734
Northampton	128	120	130	110	115	21,514	21,218	21,218	21,095	21,037	5.9496	5.6556	6.1269	5.2145	5.4666	-0.0167	-0.0167	5.1932
Onslow	254	256	245	232	235	159,287	162,796	193,221	194,607	196,830	1.5946	1.5725	1.2680	1.1921	1.1939	-0.0665	-0.0150	1.1403
Orange	308	307	298	284	309	138,575	139,738	139,930	141,599	141,704	2.2226	2.1970	2.1296	2.0057	2.1806	-0.0033	-0.0033	2.1590
Pamlico	57	54	76	68	75	13,190	13,071	13,137	13,158	13,177	4.3215	4.1313	5.7852	5.1680	5.6917	0.0877	-0.0150	5.4361
Pasquotank	229	222	228	212	220	39,141	38,441	39,655	39,951	39,959	5.8506	5.7751	5.7496	5.3065	5.5056	-0.0142	-0.0142	5.2708
Pender	230	230	232	234	233	54,390	55,587	56,540	57,693	59,105	4.2287	4.1377	4.1033	4.0560	3.9421	-0.0174	-0.0174	3.7368
Perquimans	52	62	57	58	63	13,660	13,735	13,627	13,566	13,699	3.8067	4.5140	4.1829	4.2754	4.5989	0.0526	-0.0150	4.3924
Person	168	175	182	181	185	39,197	39,189	39,268	39,322	39,712	4.2860	4.4655	4.6348	4.6030	4.6585	0.0212	-0.0150	4.4493
Pitt	495	493	503	388	466	172,618	173,938	174,414	175,390	176,311	2.8676	2.8343	2.8839	2.2122	2.6431	-0.0081	-0.0081	2.5791
Polk	194	194	191	183	173	20,262	20,528	20,755	20,848	20,927	9.5746	9.4505	9.2026	8.7778	8.2668	-0.0359	-0.0150	7.8956
Randolph	641	635	635	640	624	142,594	142,614	143,079	143,666	143,091	4.4953	4.4526	4.4381	4.4548	4.3609	-0.0075	-0.0075	4.2625
Richmond	192	162	191	162	189	46,258	46,053	45,543	45,521	45,301	4.1506	3.5177	4.1938	3.5588	4.1721	0.0152	-0.0150	3.9847
Robeson	499	385	479	476	480	134,433	133,984	133,562	133,257	133,117	3.7119	2.8735	3.5863	3.5720	3.6059	0.0069	0.0069	3.6807
Rockingham	536	544	540	534	528	92,873	92,259	92,557	92,543	91,981	5.7713	5.8964	5.8342	5.7703	5.7403	-0.0013	-0.0013	5.7187
Rowan	820	849	849	833	840	138,242	138,708	138,709	138,710	140,963	5.9316	6.1208	6.1207	6.0053	5.9590	0.0013	0.0013	5.9828
Rutherford	369	374	345	354	376	67,932	67,764	67,600	67,466	67,665	5.4319	5.5192	5.1036	5.2471	5.5568	0.0070	0.0070	5.6731
Sampson	283	252	237	223	227	64,151	64,335	64,400	64,516	63,993	4.4115	3.9170	3.6801	3.4565	3.5473	-0.0518	-0.0150	3.3880

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Scotland	100	185	178	168	184	36,366	36,231	36,059	35,804	35,626	2.7498	5.1061	4.9364	4.6922	5.1648	0.2187	-0.0150	4.9328
Stanly	378	364	372	350	340	60,477	60,631	61,061	61,255	61,447	6.2503	6.0035	6.0923	5.7138	5.5332	-0.0296	-0.0150	5.2847
Stokes	303	307	296	300	303	47,068	46,747	46,786	46,787	46,735	6.4375	6.5673	6.3267	6.4120	6.4834	0.0020	0.0020	6.5229
Surry	422	433	437	431	327	73,718	73,367	73,840	73,834	73,195	5.7245	5.9018	5.9182	5.8374	4.4675	-0.0536	-0.0150	4.2669
Swain	78	88	97	93	96	14,494	14,596	14,829	14,987	15,106	5.3815	6.0290	6.5412	6.2054	6.3551	0.0445	-0.0150	6.0697
Transylvania	211	189	208	219	202	33,022	33,222	33,440	33,738	34,056	6.3897	5.6890	6.2201	6.4912	5.9314	-0.0147	-0.0147	5.6691
Tyrrell *	0	0	0	0	0	4,174	4,142	4,135	4,142	4,215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Union	539	542	517	530	572	207,872	211,558	215,956	220,546	224,030	2.5929	2.5619	2.3940	2.4031	2.5532	-0.0028	-0.0028	2.5317
Vance	213	211	215	213	212	45,530	45,070	45,078	45,022	45,113	4.6782	4.6816	4.7695	4.7310	4.6993	0.0012	0.0012	4.7160
Wake	1,929	1,950	2,026	1,969	2,002	944,733	963,973	985,320	1,005,367	1,029,789	2.0418	2.0229	2.0562	1.9585	1.9441	-0.0119	-0.0119	1.8746
Warren	116	120	111	124	111	20,674	20,457	20,524	20,514	20,469	5.6109	5.8660	5.4083	6.0447	5.4228	-0.0044	-0.0044	5.3506
Washington	106	95	99	104	98	12,821	12,830	12,682	12,646	12,508	8.2677	7.4045	7.8063	8.2239	7.8350	-0.0110	-0.0110	7.5768
Watauga	173	108	168	165	168	52,517	52,692	52,923	53,314	54,340	3.2942	2.0496	3.1744	3.0949	3.0916	0.0362	-0.0150	2.9528
Wayne	463	446	453	425	415	121,319	121,421	125,689	125,912	124,900	3.8164	3.6732	3.6041	3.3754	3.3227	-0.0339	-0.0150	3.1734
Wilkes	376	374	378	375	365	69,755	69,774	69,890	70,000	69,663	5.3903	5.3602	5.4085	5.3571	5.2395	-0.0070	-0.0070	5.1294
Wilson	341	334	342	358	361	81,796	81,419	81,405	81,677	82,152	4.1689	4.1022	4.2012	4.3831	4.3943	0.0135	0.0135	4.5722
Yadkin	202	202	198	201	189	38,247	38,146	37,846	37,655	37,521	5.2815	5.2954	5.2317	5.3379	5.0372	-0.0114	-0.0114	4.8656
Yancey	116	100	95	85	86	17,874	17,919	17,915	17,915	17,980	6.4899	5.5807	5.3028	4.7446	4.7831	-0.0718	-0.0150	4.5683
State Total	37,764	37,730	38,100	37,023	37,282	9,683,675	9,779,863	9,953,687	10,054,722	10,158,475	3.8998	3.8579	3.8277	3.6822	3.6700	-0.0150		

* Camden and Tyrrell have no Nursing Care Beds.