

Table 10B: County Rate Calculations for Nursing Home Bed Need Determination DRAFT - 05/25/2016

County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015			
Alamance	797	803	766	759	756	152,531	153,029	153,642	155,788	157,624	5.2252	5.2474	4.9856	4.8720	4.7962	-0.0210	-0.0210	4.4941
Alexander	113	123	121	115	128	37,528	37,389	37,448	37,829	38,302	3.0111	3.2897	3.2311	3.0400	3.3419	0.0287	-0.0229	3.1118
Alleghany	80	76	78	77	85	11,069	10,971	11,029	11,111	11,159	7.2274	6.9274	7.0723	6.9301	7.6172	0.0146	-0.0229	7.0928
Anson	146	148	138	145	147	25,822	26,626	26,322	26,464	26,469	5.6541	5.5585	5.2428	5.4791	5.5537	-0.0038	-0.0038	5.4911
Ashe	162	110	119	117	109	27,423	27,361	27,442	27,448	27,482	5.9074	4.0203	4.3364	4.2626	3.9662	-0.0818	-0.0229	3.6932
Avery	90	96	92	96	90	17,834	17,764	17,866	17,895	17,902	5.0465	5.4042	5.1494	5.3646	5.0274	0.0007	0.0007	5.0374
Beaufort	255	254	260	259	250	47,854	47,901	47,791	47,714	47,718	5.3287	5.3026	5.4404	5.4282	5.2391	-0.0040	-0.0040	5.1763
Bertie	124	118	129	114	115	20,890	20,665	20,586	20,621	20,361	5.9359	5.7101	6.2664	5.5283	5.6481	-0.0092	-0.0092	5.4924
Bladen	175	164	165	157	154	35,148	35,200	35,219	35,113	35,152	4.9789	4.6591	4.6850	4.4713	4.3810	-0.0311	-0.0229	4.0794
Brunswick	475	456	449	443	404	110,140	112,597	115,666	117,852	121,577	4.3127	4.0498	3.8819	3.7590	3.3230	-0.0625	-0.0229	3.0942
Buncombe	1,628	1,507	1,567	1,596	1,498	243,354	244,969	248,929	251,271	254,344	6.6898	6.1518	6.2950	6.3517	5.8897	-0.0302	-0.0302	5.3557
Burke	476	485	490	462	428	90,722	89,977	89,552	89,198	89,198	5.2468	5.3903	5.4717	5.1795	4.7983	-0.0211	-0.0211	4.4941
Cabarrus	607	593	581	587	562	181,253	183,565	186,502	191,080	195,999	3.3489	3.2305	3.1152	3.0720	2.8674	-0.0379	-0.0229	2.6700
Caldwell	342	357	359	336	327	83,117	82,605	82,536	82,447	82,391	4.1147	4.3218	4.3496	4.0753	3.9689	-0.0081	-0.0081	3.8724
Camden *	0	0	0	0	0	9,921	9,922	10,040	10,239	10,349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Carteret	288	246	270	312	299	66,748	67,372	68,222	69,358	69,530	4.3147	3.6514	3.9577	4.4984	4.3003	0.0057	-0.0229	4.0043
Caswell	128	132	130	137	135	23,654	23,492	23,736	23,606	23,643	5.4113	5.6189	5.4769	5.8036	5.7099	0.0141	-0.0229	5.3169
Catawba	712	579	684	655	653	154,992	155,494	155,463	155,832	156,182	4.5938	3.7236	4.3998	4.2032	4.1810	-0.0144	-0.0144	3.9998
Chatham	346	380	357	356	364	64,553	66,545	67,638	68,726	69,851	5.3599	5.7104	5.2781	5.1800	5.2111	-0.0057	-0.0057	5.1216
Cherokee	175	185	173	181	172	27,300	27,030	27,156	27,360	27,487	6.4103	6.8442	6.3706	6.6155	6.2575	-0.0043	-0.0043	6.1769
Chowan	127	101	94	91	92	14,796	14,743	14,806	14,637	14,670	8.5834	6.8507	6.3488	6.2171	6.2713	-0.0718	-0.0229	5.8396
Clay	64	70	82	80	71	10,460	10,520	10,628	10,750	10,886	6.1185	6.6540	7.7155	7.4419	6.5221	0.0220	-0.0229	6.0731
Cleveland	530	497	485	468	438	98,209	97,702	97,442	97,910	98,246	5.3967	5.0869	4.9773	4.7799	4.4582	-0.0465	-0.0229	4.1513
Columbus	281	270	280	280	255	57,657	57,862	57,536	57,645	57,579	4.8736	4.6663	4.8665	4.8573	4.4287	-0.0224	-0.0224	4.1305
Craven	389	389	389	385	395	98,748	99,323	98,121	104,513	105,052	3.9393	3.9165	3.9645	3.6838	3.7600	-0.0109	-0.0109	3.6370
Cumberland	960	976	997	985	965	300,230	301,878	303,933	329,411	331,238	3.1975	3.2331	3.2803	2.9902	2.9133	-0.0221	-0.0221	2.7201
Currituck	92	81	81	85	84	23,643	23,767	24,055	24,958	25,616	3.8912	3.4081	3.3673	3.4057	3.2792	-0.0405	-0.0229	3.0535
Dare	53	59	73	65	63	34,216	34,810	35,182	35,373	35,579	1.5490	1.6949	2.0749	1.8376	1.7707	0.0419	-0.0229	1.6488
Davidson	718	698	710	721	666	163,364	163,410	163,826	164,464	164,927	4.3951	4.2715	4.3339	4.3839	4.0382	-0.0202	-0.0202	3.7933
Davie	166	174	183	167	164	41,560	41,412	41,524	41,474	41,475	3.9942	4.2017	4.4071	4.0266	3.9542	-0.0009	-0.0009	3.9438
Duplin	221	213	235	246	230	59,476	60,059	60,122	60,126	60,446	3.7158	3.5465	3.9087	4.0914	3.8050	0.0083	-0.0229	3.5431
Durham	1,106	1,225	1,099	1,111	1,105	272,314	282,511	286,142	292,194	297,807	4.0615	4.3361	3.8408	3.8023	3.7105	-0.0202	-0.0202	3.4856
Edgecombe	286	284	282	266	258	56,089	56,085	55,723	55,474	55,394	5.0990	5.0637	5.0607	4.7950	4.6575	-0.0222	-0.0222	4.3477
Forsyth	1,330	1,311	1,283	1,305	1,221	354,878	357,767	360,589	364,258	367,853	3.7478	3.6644	3.5581	3.5826	3.3193	-0.0295	-0.0295	3.0258
Franklin	209	206	175	189	183	61,651	61,840	62,720	63,217	63,848	3.3901	3.3312	2.7902	2.9897	2.8662	-0.0374	-0.0229	2.6689
Gaston	905	887	882	871	860	207,506	208,582	209,606	210,745	211,936	4.3613	4.2525	4.2079	4.1330	4.0578	-0.0179	-0.0179	3.8404
Gates	47	55	54	57	47	11,944	11,830	11,654	11,947	11,914	3.9350	4.6492	4.6336	4.7711	3.9449	0.0087	-0.0229	3.6734
Graham	64	66	65	72	73	8,942	8,850	8,845	8,840	8,890	7.1572	7.4576	7.3488	8.1448	8.2115	0.0360	-0.0229	7.6462
Granville	202	204	187	204	217	60,863	56,748	57,925	58,102	58,280	3.3189	3.5948	3.2283	3.5111	3.7234	0.0323	-0.0229	3.4671
Greene	104	103	94	104	99	21,489	21,363	21,081	21,283	21,309	4.8397	4.8214	4.4590	4.8865	4.6459	-0.0081	-0.0081	4.5334
Guilford	2,204	2,121	2,133	2,102	2,056	495,231	502,190	507,578	512,281	516,415	4.4504	4.2235	4.2023	4.1032	3.9813	-0.0273	-0.0273	3.6549

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	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015			
Halifax	299	293	294	284	280	54,397	54,237	53,718	53,189	52,876	5.4966	5.4022	5.4730	5.3394	5.2954	-0.0092	-0.0092	5.1496
Harnett	385	303	362	378	364	115,665	117,850	119,374	125,717	127,986	3.3286	2.5711	3.0325	3.0068	2.8441	-0.0277	-0.0277	2.6079
Haywood	397	428	402	418	428	59,684	59,291	59,690	59,913	60,178	6.6517	7.2186	6.7348	6.9768	7.1122	0.0184	-0.0229	6.6226
Henderson	806	814	796	804	788	108,448	108,183	109,305	110,903	112,116	7.4321	7.5243	7.2824	7.2496	7.0284	-0.0137	-0.0137	6.7398
Hertford	145	145	142	130	126	24,466	24,451	24,558	24,595	24,501	5.9266	5.9302	5.7822	5.2856	5.1426	-0.0343	-0.0229	4.7886
Hoke	125	126	124	119	115	46,896	47,471	47,756	50,987	51,568	2.6655	2.6543	2.5965	2.3339	2.2301	-0.0429	-0.0229	2.0765
Hyde	51	56	57	51	50	5,815	5,742	5,801	5,743	5,735	8.7704	9.7527	9.8259	8.8804	8.7184	0.0013	0.0013	8.7513
Iredell	863	538	561	528	539	161,522	163,043	165,025	167,161	169,281	5.3429	3.2997	3.3995	3.1586	3.1841	-0.1037	-0.0229	2.9649
Jackson	168	166	156	149	139	40,606	40,788	40,812	41,032	41,279	4.1373	4.0698	3.8224	3.6313	3.3673	-0.0499	-0.0229	3.1355
Johnston	501	493	498	484	480	172,570	174,839	177,372	180,050	183,309	2.9032	2.8197	2.8077	2.6881	2.6185	-0.0254	-0.0254	2.4192
Jones	63	61	55	54	59	10,327	10,615	10,554	10,470	10,490	6.1005	5.7466	5.2113	5.1576	5.6244	-0.0177	-0.0177	5.3251
Lee	189	174	229	250	254	58,304	59,111	59,356	59,205	59,202	3.2416	2.9436	3.8581	4.2226	4.2904	0.0823	-0.0229	3.9950
Lenoir	276	266	274	315	310	59,314	59,401	59,063	58,826	58,780	4.6532	4.4780	4.6391	5.3548	5.2739	0.0344	-0.0229	4.9108
Lincoln	279	282	290	253	262	79,026	79,267	79,768	80,202	80,810	3.5305	3.5576	3.6355	3.1545	3.2422	-0.0187	-0.0187	3.0600
Macon	186	171	150	164	88	34,459	33,985	34,149	34,432	34,851	5.3977	5.0316	4.3925	4.7630	2.5250	-0.1451	-0.0229	2.3512
Madison	176	176	164	171	169	21,193	21,192	21,370	21,584	21,728	8.3046	8.3050	7.6743	7.9225	7.7780	-0.0154	-0.0154	7.4175
Martin	118	106	118	111	108	24,083	24,020	23,755	23,714	23,604	4.8997	4.4130	4.9674	4.6808	4.5755	-0.0135	-0.0135	4.3905
McDowell	219	229	216	217	204	45,462	45,288	45,245	45,320	45,380	4.8172	5.0565	4.7740	4.7882	4.4954	-0.0161	-0.0161	4.2783
Mecklenburg	2,544	2,516	2,584	2,673	2,729	939,889	962,388	991,191	1,013,290	1,032,620	2.7067	2.6143	2.6070	2.6379	2.6428	-0.0058	-0.0058	2.5968
Mitchell	103	103	102	108	109	15,501	15,396	15,388	15,830	15,826	6.6447	6.6900	6.6285	6.8225	6.8874	0.0091	-0.0229	6.4133
Montgomery	83	101	93	96	98	27,864	27,914	27,775	27,819	27,842	2.9788	3.6183	3.3483	3.4509	3.5199	0.0477	-0.0229	3.2776
Moore	593	587	585	613	549	88,550	89,799	90,864	93,079	94,218	6.6968	6.5368	6.4382	6.5858	5.8269	-0.0328	-0.0229	5.4258
Nash	440	433	435	428	368	96,122	95,533	94,776	94,528	94,331	4.5775	4.5325	4.5898	4.5278	3.9012	-0.0373	-0.0229	3.6326
New Hanover	787	874	890	936	907	206,774	209,371	213,222	216,951	220,108	3.8061	4.1744	4.1741	4.3143	4.1207	0.0214	-0.0229	3.8370
Northampton	127	128	120	130	110	21,844	21,514	21,218	21,218	21,095	5.8140	5.9496	5.6556	6.1269	5.2145	-0.0229	-0.0229	4.8560
Onslow	259	254	256	245	232	151,643	159,287	162,796	193,221	194,607	1.7080	1.5946	1.5725	1.2680	1.1921	-0.0834	-0.0229	1.1101
Orange	386	308	307	298	284	135,776	138,575	139,738	139,930	141,599	2.8429	2.2226	2.1970	2.1296	2.0057	-0.0796	-0.0229	1.8676
Pamlico	52	57	54	76	68	13,214	13,190	13,071	13,137	13,158	3.9352	4.3215	4.1313	5.7852	5.1680	0.0869	-0.0229	4.8122
Pasquotank	244	229	222	228	212	39,705	39,141	38,441	39,655	39,951	6.1453	5.8506	5.7751	5.7496	5.3065	-0.0356	-0.0229	4.9412
Pender	230	230	230	232	234	53,437	54,390	55,587	56,540	57,693	4.3041	4.2287	4.1377	4.1033	4.0560	-0.0147	-0.0147	3.8768
Perquimans	64	52	62	57	58	13,537	13,660	13,735	13,627	13,566	4.7278	3.8067	4.5140	4.1829	4.2754	-0.0151	-0.0151	4.0822
Person	176	168	175	182	181	39,700	39,197	39,189	39,268	39,322	4.4332	4.2860	4.4655	4.6348	4.6030	0.0099	-0.0229	4.2861
Pitt	513	495	493	503	388	170,263	172,618	173,938	174,414	175,390	3.0130	2.8676	2.8343	2.8839	2.2122	-0.0688	-0.0229	2.0599
Polk	188	194	194	191	183	20,453	20,262	20,528	20,755	20,848	9.1918	9.5746	9.4505	9.2026	8.7778	-0.0109	-0.0109	8.4901
Randolph	633	641	635	635	640	142,901	142,594	142,614	143,079	143,666	4.4296	4.4953	4.4526	4.4381	4.4548	0.0015	0.0015	4.4742
Richmond	196	192	162	191	162	46,459	46,258	46,053	45,543	45,521	4.2188	4.1506	3.5177	4.1938	3.5588	-0.0320	-0.0229	3.3138
Robeson	479	499	385	479	476	134,651	134,433	133,984	133,562	133,257	3.5573	3.7119	2.8735	3.5863	3.5720	0.0154	-0.0229	3.3261
Rockingham	577	536	544	540	534	93,558	92,873	92,259	92,557	92,543	6.1673	5.7713	5.8964	5.8342	5.7703	-0.0160	-0.0160	5.4932
Rowan	845	820	849	849	833	138,309	138,242	138,708	138,709	138,710	6.1095	5.9316	6.1208	6.1207	6.0053	-0.0040	-0.0040	5.9329
Rutherford	385	369	374	345	354	68,392	67,932	67,764	67,600	67,466	5.6293	5.4319	5.5192	5.1036	5.2471	-0.0165	-0.0165	4.9866
Sampson	299	283	252	237	223	63,746	64,151	64,335	64,400	64,516	4.6905	4.4115	3.9170	3.6801	3.4565	-0.0732	-0.0229	3.2186

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Scotland	173	100	185	178	168	36,029	36,366	36,231	36,059	35,804	4.8017	2.7498	5.1061	4.9364	4.6922	0.0867	-0.0229	4.3692
Stanly	381	378	364	372	350	60,936	60,477	60,631	61,061	61,255	6.2525	6.2503	6.0035	6.0923	5.7138	-0.0218	-0.0218	5.3403
Stokes	287	303	307	296	300	47,551	47,068	46,747	46,786	46,787	6.0356	6.4375	6.5673	6.3267	6.4120	0.0159	-0.0229	5.9706
Surry	426	422	433	437	431	73,575	73,718	73,367	73,840	73,834	5.7900	5.7245	5.9018	5.9182	5.8374	0.0022	0.0022	5.8759
Swain	86	78	88	97	93	14,263	14,494	14,596	14,829	14,987	6.0296	5.3815	6.0290	6.5412	6.2054	0.0116	-0.0229	5.7782
Transylvania	226	211	189	208	219	33,275	33,022	33,222	33,440	33,738	6.7919	6.3897	5.6890	6.2201	6.4912	-0.0080	-0.0080	6.3357
Tyrrell *	0	0	0	0	0	4,342	4,174	4,142	4,135	4,142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Union	575	539	542	517	530	205,717	207,872	211,558	215,956	220,546	2.7951	2.5929	2.5619	2.3940	2.4031	-0.0365	-0.0229	2.2377
Vance	224	213	211	215	213	45,558	45,530	45,070	45,078	45,022	4.9168	4.6782	4.6816	4.7695	4.7310	-0.0093	-0.0093	4.5994
Wake	1,879	1,929	1,950	2,026	1,969	925,083	944,733	963,973	985,320	1,005,367	2.0312	2.0418	2.0229	2.0562	1.9585	-0.0088	-0.0088	1.9070
Warren	122	116	120	111	124	20,883	20,674	20,457	20,524	20,514	5.8421	5.6109	5.8660	5.4083	6.0447	0.0114	-0.0229	5.6285
Washington	110	106	95	99	104	13,060	12,821	12,830	12,682	12,646	8.4227	8.2677	7.4045	7.8063	8.2239	-0.0038	-0.0038	8.1312
Watauga	156	173	108	168	165	52,111	52,517	52,692	52,923	53,314	2.9936	3.2942	2.0496	3.1744	3.0949	0.0616	-0.0229	2.8818
Wayne	439	463	446	453	425	120,442	121,319	121,421	125,689	125,912	3.6449	3.8164	3.6732	3.6041	3.3754	-0.0182	-0.0182	3.1912
Wilkes	383	376	374	378	375	69,592	69,755	69,774	69,890	70,000	5.5035	5.3903	5.3602	5.4085	5.3571	-0.0067	-0.0067	5.2501
Wilson	361	341	334	342	358	81,380	81,796	81,419	81,405	81,677	4.4360	4.1689	4.1022	4.2012	4.3831	-0.0022	-0.0022	4.3543
Yadkin	202	202	202	198	201	38,442	38,247	38,146	37,846	37,655	5.2547	5.2815	5.2954	5.2317	5.3379	0.0040	0.0040	5.4021
Yancey	107	116	100	95	85	18,069	17,874	17,919	17,915	17,915	5.9217	6.4899	5.5807	5.3028	4.7446	-0.0498	-0.0229	4.4180
State	38,763	37,764	37,730	38,100	37,023	9,589,952	9,683,675	9,779,863	9,953,687	10,054,722	4.0420	3.8998	3.8579	3.8277	3.6822	-0.0229		

* Camden and Tyrrell have no Nursing Care Beds.