

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

A	B					C					D					E	F	G
County	Patients					Populations					Rates					Actual Average Change Rates	Selected Change Rate (County or State)	Bed Rates per 1,000
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021			
Alamance	762	761	742	600	597	161,076	165,749	170,483	170,698	173,384	4.7307	4.5913	4.3523	3.5150	3.4432	-0.0736	-0.0397	3.0332
Alexander	109	104	99	84	63	38,452	38,390	38,530	38,524	36,145	2.8347	2.7090	2.5694	2.1805	1.7430	-0.1120	-0.0397	1.5354
Alleghany	75	67	62	73	76	11,233	11,466	11,466	11,558	10,829	6.6768	5.8434	5.4073	6.3160	7.0182	0.0199	-0.0397	6.1824
Anson	152	149	151	131	130	25,626	25,460	25,290	23,889	21,904	5.9315	5.8523	5.9707	5.4837	5.9350	0.0019	-0.0397	5.2282
Ashe	112	117	125	94	111	27,218	27,551	27,861	28,020	26,444	4.1149	4.2467	4.4866	3.3547	4.1975	0.0219	-0.0397	3.6976
Avery	84	79	74	73	69	18,072	17,913	18,022	18,182	17,775	4.6481	4.4102	4.1061	4.0150	3.8819	-0.0439	-0.0439	3.3710
Beaufort	244	245	252	157	213	47,547	47,438	47,480	47,400	44,120	5.1318	5.1646	5.3075	3.3122	4.8277	0.0289	-0.0397	4.2528
Bertie	114	105	100	104	96	19,881	19,732	19,636	19,496	17,598	5.7341	5.3213	5.0927	5.3344	5.4552	-0.0112	-0.0112	5.2717
Bladen	134	146	143	123	133	34,393	34,298	34,497	34,421	28,771	3.8961	4.2568	4.1453	3.5734	4.6227	0.0555	-0.0397	4.0722
Brunswick	435	386	446	378	412	131,726	136,126	142,088	147,644	140,411	3.3023	2.8356	3.1389	2.5602	2.9342	-0.0182	-0.0182	2.7744
Buncombe	1,521	1,443	1,527	1,407	1,401	261,532	262,483	264,056	264,408	272,880	5.8157	5.4975	5.7829	5.3213	5.1341	-0.0295	-0.0295	4.6805
Burke	422	406	413	378	430	90,246	91,555	91,810	91,708	86,783	4.6761	4.4345	4.4984	4.1218	4.9549	0.0203	-0.0397	4.3648
Cabarrus	572	591	636	510	489	205,473	209,303	212,917	216,841	232,083	2.7838	2.8237	2.9871	2.3520	2.1070	-0.0611	-0.0397	1.8561
Caldwell	327	341	337	341	327	83,303	83,597	83,417	84,230	80,171	3.9254	4.0791	4.0399	4.0484	4.0788	0.0098	-0.0397	3.5930
Camden *	0	0	0	0	0	10,359	10,414	10,611	10,575	10,469	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0397	0.0000
Carteret	330	259	244	192	177	70,190	70,619	71,163	71,352	67,311	4.7015	3.6676	3.4287	2.6909	2.6296	-0.1308	-0.0397	2.3164
Caswell	113	113	114	122	110	23,699	23,309	23,664	23,462	22,582	4.7681	4.8479	4.8174	5.1999	4.8711	0.0067	-0.0397	4.2910
Catawba	647	647	650	601	613	156,949	157,978	159,494	160,732	161,909	4.1224	4.0955	4.0754	3.7391	3.7861	-0.0203	-0.0203	3.5550
Chatham	338	339	347	318	326	74,835	74,491	75,994	77,061	77,747	4.5166	4.5509	4.5661	4.1266	4.1931	-0.0173	-0.0173	3.9754
Cherokee	170	158	150	111	138	29,216	29,288	29,630	29,610	28,873	5.8187	5.3947	5.0624	3.7487	4.7796	-0.0297	-0.0297	4.3530
Chowan	84	91	89	86	81	14,292	14,123	14,114	14,114	13,640	5.8774	6.4434	6.3058	6.0932	5.9384	0.0040	-0.0397	5.2312
Clay	77	86	77	76	72	11,488	11,646	11,860	11,759	11,066	6.7026	7.3845	6.4924	6.4631	6.5064	-0.0042	-0.0042	6.4240
Cleveland	453	457	443	324	359	98,580	98,717	99,776	100,814	100,541	4.5953	4.6294	4.4399	3.2138	3.5707	-0.0497	-0.0497	3.0388
Columbus	255	256	179	177	188	56,941	56,505	56,290	56,002	49,307	4.4783	4.5306	3.1800	3.1606	3.8128	-0.0215	-0.0215	3.5665
Craven	392	401	390	337	356	103,735	103,569	103,779	103,016	100,128	3.7789	3.8718	3.7580	3.2713	3.5554	-0.0119	-0.0119	3.4289
Cumberland	973	984	921	791	800	329,604	329,079	332,455	333,531	334,660	2.9520	2.9902	2.7703	2.3716	2.3905	-0.0491	-0.0491	2.0381
Currituck	73	59	51	55	55	26,604	27,321	27,526	28,048	29,305	2.7439	2.1595	1.8528	1.9609	1.8768	-0.0849	-0.0397	1.6533
Dare	68	91	86	68	78	36,792	37,197	37,290	38,027	37,342	1.8482	2.4464	2.3062	1.7882	2.0888	0.0525	-0.0397	1.8400
Davidson	667	689	667	606	601	167,105	167,762	169,468	170,370	170,044	3.9915	4.1070	3.9358	3.5570	3.5344	-0.0288	-0.0288	3.2286
Davie	166	158	195	203	210	42,727	43,193	43,430	43,746	43,283	3.8851	3.6580	4.4900	4.6404	4.8518	0.0620	-0.0397	4.2740
Duplin	225	232	192	201	194	59,513	59,629	59,736	60,177	47,043	3.7807	3.8907	3.2141	3.3401	4.1239	0.0323	-0.0397	3.6327
Durham	1,100	1,107	1,104	918	905	306,184	311,649	315,741	321,261	329,973	3.5926	3.5521	3.4965	2.8575	2.7426	-0.0625	-0.0397	2.4160
Edgecombe	277	277	262	192	220	52,856	53,001	52,586	52,024	48,104	5.2407	5.2263	4.9823	3.6906	4.5734	-0.0174	-0.0174	4.3351
Forsyth	1,255	1,329	1,344	1,134	1,176	372,651	377,523	379,693	380,964	385,489	3.3678	3.5203	3.5397	2.9767	3.0507	-0.0208	-0.0208	2.8599
Franklin	165	187	205	167	194	66,514	67,723	69,112	71,196	70,436	2.4807	2.7612	2.9662	2.3456	2.7543	0.0381	-0.0397	2.4263

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	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021			
Gaston	843	826	810	751	737	218,527	221,607	222,744	224,168	230,378	3.8576	3.7273	3.6365	3.3502	3.1991	-0.0455	-0.0455	2.7625
Gates	51	51	58	52	47	11,960	12,079	12,132	11,908	10,166	4.2642	4.2222	4.7807	4.3668	4.6233	0.0236	-0.0397	4.0726
Graham	68	66	70	43	51	8,837	8,775	8,687	8,642	7,967	7.6949	7.5214	8.0580	4.9757	6.4014	-0.0118	-0.0118	6.1749
Granville	197	194	197	152	124	59,975	61,241	61,406	61,628	61,410	3.2847	3.1678	3.2082	2.4664	2.0192	-0.1088	-0.0397	1.7787
Greene	104	83	97	97	102	21,522	21,301	21,050	20,951	20,372	4.8323	3.8965	4.6081	4.6299	5.0069	0.0188	-0.0397	4.4106
Guilford	1,937	1,985	2,007	1,867	1,778	523,962	533,213	539,666	538,431	547,379	3.6968	3.7227	3.7190	3.4675	3.2482	-0.0312	-0.0312	2.9440
Halifax	214	257	181	212	214	51,815	51,704	51,194	50,898	47,873	4.1301	4.9706	3.5356	4.1652	4.4702	0.0415	-0.0397	3.9378
Harnett	364	388	391	351	335	130,847	133,869	135,239	136,705	134,847	2.7819	2.8984	2.8912	2.5676	2.4843	-0.0262	-0.0262	2.2887
Haywood	385	392	416	341	367	62,277	62,959	63,328	63,481	62,403	6.1821	6.2263	6.5690	5.3717	5.8811	-0.0063	-0.0063	5.7698
Henderson	765	714	669	599	613	116,173	117,312	118,312	118,563	117,408	6.5850	6.0863	5.6545	5.0522	5.2211	-0.0549	-0.0397	4.5993
Hertford	142	131	133	83	106	23,947	24,031	24,037	23,720	19,871	5.9298	5.4513	5.5331	3.4992	5.3344	0.0228	-0.0397	4.6991
Hoke	119	108	112	92	101	53,343	54,923	54,842	54,682	52,331	2.2308	1.9664	2.0422	1.6825	1.9300	-0.0272	-0.0272	1.7722
Hyde	41	40	37	32	0	5,644	5,449	5,181	5,119	4,482	7.2644	7.3408	7.1415	6.2512	0.0000	-0.2853	-0.0397	0.0000
Iredell	518	481	486	413	415	176,563	179,330	181,380	183,309	191,180	2.9338	2.6822	2.6795	2.2530	2.1707	-0.0706	-0.0397	1.9122
Jackson	141	163	168	178	173	43,116	44,272	44,335	44,354	43,147	3.2702	3.6818	3.7893	4.0132	4.0095	0.0533	-0.0397	3.5320
Johnston	522	527	525	506	503	194,705	199,768	205,951	211,626	223,975	2.6810	2.6381	2.5492	2.3910	2.2458	-0.0431	-0.0431	1.9553
Jones	55	52	56	39	33	10,356	10,100	10,196	10,067	8,947	5.3109	5.1485	5.4923	3.8740	3.6884	-0.0766	-0.0397	3.2491
Lee	241	244	251	227	208	59,337	60,097	61,690	61,663	64,278	4.0615	4.0601	4.0687	3.6813	3.2359	-0.0536	-0.0397	2.8506
Lenoir	292	305	318	286	268	57,477	57,232	56,372	56,876	54,783	5.0803	5.3292	5.6411	5.0285	4.8920	-0.0071	-0.0071	4.7885
Lincoln	261	268	249	236	244	83,251	84,608	86,453	88,699	88,298	3.1351	3.1675	2.8802	2.6607	2.7634	-0.0295	-0.0295	2.5188
Macon	144	147	137	126	129	35,413	36,117	36,498	37,014	37,430	4.0663	4.0701	3.7536	3.4041	3.4464	-0.0394	-0.0394	3.0393
Madison	171	163	173	171	167	22,240	22,523	22,602	22,500	21,205	7.6888	7.2370	7.6542	7.6000	7.8755	0.0070	-0.0397	6.9376
Martin	99	102	105	100	86	23,510	23,290	23,150	22,904	21,713	4.2110	4.3796	4.5356	4.3660	3.9608	-0.0136	-0.0136	3.7987
McDowell	196	193	213	173	183	45,716	46,358	46,684	46,530	44,350	4.2873	4.1633	4.5626	3.7180	4.1263	-0.0021	-0.0021	4.1005
Mecklenburg	2,743	2,765	2,816	2,278	2,409	1,077,301	1,093,708	1,108,107	1,118,775	1,133,504	2.5462	2.5281	2.5413	2.0362	2.1253	-0.0392	-0.0392	1.8752
Mitchell	90	88	97	86	73	15,237	15,234	15,239	15,112	14,836	5.9067	5.7766	6.3652	5.6908	4.9205	-0.0404	-0.0404	4.3247
Montgomery	95	96	99	80	77	27,865	27,926	27,666	27,753	25,705	3.4093	3.4377	3.5784	2.8826	2.9955	-0.0265	-0.0265	2.7574
Moore	569	559	550	512	451	97,597	99,310	101,180	102,814	101,649	5.8301	5.6288	5.4359	4.9799	4.4368	-0.0654	-0.0397	3.9084
Nash	388	381	388	335	332	94,365	95,072	95,647	96,669	95,116	4.1117	4.0075	4.0566	3.4654	3.4905	-0.0379	-0.0379	3.0936
New Hanover	900	937	901	825	846	227,261	233,595	235,560	235,231	227,782	3.9602	4.0112	3.8249	3.5072	3.7141	-0.0144	-0.0144	3.5535
Northampton	120	104	136	130	140	20,709	20,711	20,527	20,054	16,796	5.7946	5.0215	6.6254	6.4825	8.3353	0.1126	-0.0397	7.3426
Onslow	239	227	235	204	215	195,621	198,783	201,548	210,056	206,718	1.2218	1.1419	1.1660	0.9712	1.0401	-0.0351	-0.0351	0.9305
Orange	293	299	348	319	358	142,365	144,372	147,093	147,907	150,258	2.0581	2.0710	2.3659	2.1568	2.3826	0.0412	-0.0397	2.0988
Pamlico	69	74	79	68	70	13,268	13,273	13,266	13,277	12,140	5.2005	5.5752	5.9551	5.1216	5.7661	0.0315	-0.0397	5.0793
Pasquotank	214	227	202	203	177	40,598	39,826	39,731	39,952	40,743	5.2712	5.6998	5.0842	5.0811	4.3443	-0.0431	-0.0431	3.7829

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	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021			
Pender	225	217	234	218	186	60,999	62,359	63,406	63,949	61,105	3.6886	3.4799	3.6905	3.4090	3.0439	-0.0449	-0.0449	2.6343
Perquimans	51	49	52	54	56	13,546	13,729	13,639	13,807	12,847	3.7649	3.5691	3.8126	3.9111	4.3590	0.0391	-0.0397	3.8399
Person	171	163	162	147	77	39,868	40,014	40,370	40,450	39,044	4.2892	4.0736	4.0129	3.6341	1.9721	-0.1542	-0.0397	1.7373
Pitt	503	473	471	417	433	176,424	179,388	179,731	183,285	170,276	2.8511	2.6367	2.6206	2.2751	2.5429	-0.0239	-0.0239	2.3609
Polk	180	173	168	147	147	21,154	21,468	21,696	21,923	18,957	8.5090	8.0585	7.7434	6.7053	7.7544	-0.0174	-0.0174	7.3493
Randolph	612	570	534	475	507	144,672	143,907	144,914	145,246	144,818	4.2303	3.9609	3.6849	3.2703	3.5009	-0.0438	-0.0438	3.0406
Richmond	161	159	170	168	139	44,892	45,032	45,079	45,014	42,475	3.5864	3.5308	3.7712	3.7322	3.2725	-0.0202	-0.0202	3.0739
Robeson	459	446	388	345	242	132,020	131,303	131,056	131,238	113,699	3.4767	3.3967	2.9606	2.6288	2.1284	-0.1135	-0.0397	1.8749
Rockingham	517	524	534	409	381	91,790	91,273	91,788	91,915	91,113	5.6324	5.7410	5.8178	4.4498	4.1816	-0.0657	-0.0397	3.6836
Rowan	794	807	810	690	695	141,917	142,342	142,643	143,274	147,817	5.5948	5.6694	5.6785	4.8159	4.7018	-0.0402	-0.0402	4.1352
Rutherford	362	347	369	321	314	67,796	68,772	68,908	69,049	64,178	5.3395	5.0457	5.3550	4.6489	4.8926	-0.0183	-0.0183	4.6242
Sampson	218	198	205	156	140	63,143	64,019	64,284	64,053	58,309	3.4525	3.0928	3.1890	2.4355	2.4010	-0.0809	-0.0397	2.1151
Scotland	177	172	182	147	157	35,686	35,802	35,732	35,724	33,682	4.9599	4.8042	5.0935	4.1149	4.6612	-0.0076	-0.0076	4.5545
Stanly	350	334	341	229	273	62,443	63,465	63,727	64,691	62,220	5.6051	5.2627	5.3510	3.5399	4.3877	-0.0358	-0.0358	3.9161
Stokes	292	290	292	294	239	46,728	46,604	46,420	46,684	44,344	6.2489	6.2226	6.2904	6.2977	5.3897	-0.0341	-0.0341	4.8386
Surry	404	424	416	351	327	72,843	73,117	73,232	73,548	71,195	5.5462	5.7989	5.6806	4.7724	4.5930	-0.0431	-0.0431	3.9995
Swain	95	96	90	72	62	14,999	14,862	14,275	14,489	14,059	6.3338	6.4594	6.3047	4.9693	4.4100	-0.0821	-0.0397	3.8848
Transylvania	183	166	148	123	133	34,464	35,034	35,484	35,511	32,785	5.3099	4.7383	4.1709	3.4637	4.0567	-0.0564	-0.0397	3.5736
Tyrrell *	0	0	0	0	0	4,138	4,309	4,259	3,767	3,101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0397	0.0000
Union	583	559	501	545	533	228,171	232,814	237,287	238,740	242,651	2.5551	2.4011	2.1114	2.2828	2.1966	-0.0344	-0.0344	1.9700
Vance	214	218	211	161	174	44,862	45,157	45,969	45,435	42,096	4.7702	4.8276	4.5900	3.5435	4.1334	-0.0247	-0.0247	3.8274
Wake	2,009	2,002	2,017	1,741	1,663	1,048,771	1,073,993	1,089,579	1,102,782	1,156,274	1.9156	1.8641	1.8512	1.5787	1.4382	-0.0675	-0.0397	1.2670
Warren	114	105	96	75	83	20,133	20,174	20,022	19,767	18,319	5.6623	5.2047	4.7947	3.7942	4.5308	-0.0435	-0.0435	3.9391
Washington	92	103	104	89	76	12,349	12,239	12,071	12,039	10,818	7.4500	8.4157	8.6157	7.3926	7.0253	-0.0096	-0.0096	6.8238
Watauga	175	171	161	129	140	56,170	57,646	57,899	57,011	53,639	3.1155	2.9664	2.7807	2.2627	2.6100	-0.0358	-0.0358	2.3296
Wayne	411	382	399	310	366	124,945	124,658	125,825	126,339	116,094	3.2894	3.0644	3.1711	2.4537	3.1526	0.0063	-0.0397	2.7772
Wilkes	311	339	315	294	296	70,536	69,907	70,200	70,263	65,378	4.4091	4.8493	4.4872	4.1843	4.5275	0.0099	-0.0397	3.9883
Wilson	343	333	315	264	221	82,035	81,968	82,282	83,495	78,284	4.1811	4.0626	3.8283	3.1619	2.8231	-0.0918	-0.0397	2.4868
Yadkin	172	175	176	165	166	37,687	38,477	38,196	38,145	37,081	4.5639	4.5482	4.6078	4.3256	4.4767	-0.0042	-0.0042	4.4208
Yancey	81	81	92	81	77	18,199	18,363	18,623	18,909	18,557	4.4508	4.4110	4.9401	4.2837	4.1494	-0.0133	-0.0133	3.9838
State Total	36,740	36,573	36,480	31,916	31,835	10,272,692	10,401,960	10,508,254	10,587,440	10,535,205	3.5765	3.5160	3.4716	3.0145	3.0218	-0.0397		

* Camden and Tyrrell counties have no Nursing Home Beds.