

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

A	B					C					D					E	F	G
County	Patients					Populations					Rates					Actual Average Change Rate	Selected Change Rate (County or State)	Bed Rate per 1,000
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024			
Alamance	600	597	675	645	699	170,698	173,384	177,141	181,394	183,229	3.5150	3.4432	3.8105	3.5558	3.8149	0.0231	0.0231	4.0789
Alexander	84	63	76	65	111	38,524	36,145	36,429	36,353	36,401	2.1805	1.7430	2.0862	1.7880	3.0494	0.1397	0.0150	3.1863
Alleghany	73	76	81	82	80	11,558	10,829	11,132	11,426	11,619	6.3160	7.0182	7.2763	7.1766	6.8853	0.0234	0.0234	7.3689
Anson	131	130	135	145	130	23,889	21,904	21,502	22,087	21,534	5.4837	5.9350	6.2785	6.5649	6.0370	0.0263	0.0263	6.5141
Ashe	94	111	113	109	136	28,020	26,444	26,653	26,975	26,800	3.3547	4.1975	4.2397	4.0408	5.0746	0.1176	0.0150	5.3025
Avery	73	69	62	68	61	18,182	17,775	17,951	17,394	17,545	4.0150	3.8819	3.4538	3.9094	3.4768	-0.0305	0.0150	3.6329
Beaufort	157	213	234	233	245	47,400	44,120	44,395	43,785	43,945	3.3122	4.8277	5.2709	5.3215	5.5752	0.1517	0.0150	5.8255
Bertie	104	96	89	120	125	19,496	17,598	16,933	16,839	16,688	5.3344	5.4552	5.2560	7.1263	7.4904	0.0983	0.0150	7.8267
Bladen	123	133	128	141	149	34,421	28,771	29,195	28,902	29,427	3.5734	4.6227	4.3843	4.8786	5.0634	0.0982	0.0150	5.2907
Brunswick	378	412	438	450	405	147,644	140,411	150,848	160,022	168,153	2.5602	2.9342	2.9036	2.8121	2.4085	-0.0098	0.0150	2.5167
Buncombe	1,407	1,401	1,389	1,424	1,362	264,408	272,880	274,361	276,367	280,032	5.3213	5.1341	5.0627	5.1526	4.8637	-0.0218	0.0150	5.0821
Burke	378	430	414	409	438	91,708	86,783	87,412	89,179	90,613	4.1218	4.9549	4.7362	4.5863	4.8337	0.0451	0.0451	5.4874
Cabarrus	510	489	528	566	589	216,841	232,083	235,654	243,942	246,620	2.3520	2.1070	2.2406	2.3202	2.3883	0.0060	0.0150	2.4955
Caldwell	341	327	322	314	323	84,230	80,171	80,975	81,761	82,336	4.0484	4.0788	3.9765	3.8405	3.9229	-0.0076	0.0150	4.0991
Camden *	0	0	0	0	0	10,575	10,469	10,915	11,064	10,702	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0150	0.0000
Carteret	192	177	188	201	235	71,352	67,311	68,813	70,294	70,807	2.6909	2.6296	2.7320	2.8594	3.3189	0.0559	0.0559	3.8752
Caswell	122	110	99	137	134	23,462	22,582	22,339	22,098	22,462	5.1999	4.8711	4.4317	6.1997	5.9656	0.0519	0.0519	6.8951
Catawba	601	613	612	633	635	160,732	161,909	162,790	166,441	168,055	3.7391	3.7861	3.7594	3.8031	3.7785	0.0027	0.0150	3.9482
Chatham	318	326	364	362	349	77,061	77,747	78,450	80,498	82,762	4.1266	4.1931	4.6399	4.4970	4.2169	0.0074	0.0150	4.4062
Cherokee	111	138	161	173	169	29,610	28,873	29,177	29,154	29,921	3.7487	4.7796	5.5180	5.9340	5.6482	0.1142	0.0150	5.9018
Chowan	86	81	67	71	67	14,114	13,640	13,677	13,807	13,783	6.0932	5.9384	4.8987	5.1423	4.8611	-0.0514	0.0150	5.0793
Clay	76	72	67	81	75	11,759	11,066	11,415	11,793	11,934	6.4631	6.5064	5.8695	6.8685	6.2846	-0.0015	0.0150	6.5667
Cleveland	324	359	405	401	391	100,814	100,541	101,874	100,596	101,137	3.2138	3.5707	3.9755	3.9862	3.8660	0.0492	0.0492	4.4371
Columbus	177	188	209	198	229	56,002	49,307	50,043	49,966	50,993	3.1606	3.8128	4.1764	3.9627	4.4908	0.0960	0.0150	4.6924
Craven	337	356	303	382	405	103,016	100,128	102,032	104,372	103,220	3.2713	3.5554	2.9697	3.6600	3.9237	0.0566	0.0566	4.5905
Cumberland	791	800	820	798	838	333,531	334,660	343,588	342,872	337,971	2.3716	2.3905	2.3866	2.3274	2.4795	0.0117	0.0117	2.5667
Currituck	55	55	75	71	65	28,048	29,305	30,904	32,240	32,142	1.9609	1.8768	2.4269	2.2022	2.0223	0.0190	0.0190	2.1374
Dare	68	78	65	73	95	38,027	37,342	37,937	37,801	38,121	1.7882	2.0888	1.7134	1.9312	2.4921	0.1015	0.0150	2.6040
Davidson	606	601	600	639	670	170,370	170,044	172,093	176,119	178,569	3.5570	3.5344	3.4865	3.6282	3.7521	0.0137	0.0137	3.9065
Davie	203	210	215	214	223	43,746	43,283	43,754	44,290	44,812	4.6404	4.8518	4.9138	4.8318	4.9763	0.0179	0.0179	5.2434
Duplin	201	194	195	225	241	60,177	47,043	48,747	49,205	49,768	3.3401	4.1239	4.0002	4.5727	4.8425	0.1017	0.0150	5.0599
Durham	918	905	1,027	1,039	1,036	321,261	329,973	332,576	337,308	340,677	2.8575	2.7426	3.0880	3.0803	3.0410	0.0176	0.0176	3.2017
Edgecombe	192	220	246	215	214	52,024	48,104	47,707	47,951	48,495	3.6906	4.5734	5.1565	4.4837	4.4128	0.0551	0.0551	5.1423
Forsyth	1,134	1,176	1,192	1,281	1,370	380,964	385,489	386,047	393,297	395,597	2.9767	3.0507	3.0877	3.2571	3.4631	0.0388	0.0388	3.8660
Franklin	167	194	202	199	194	71,196	70,436	73,371	77,108	80,364	2.3456	2.7543	2.7531	2.5808	2.4140	0.0116	0.0116	2.4983

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	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024			
Gaston	751	737	757	769	784	224,168	230,378	237,542	240,885	244,074	3.3502	3.1991	3.1868	3.1924	3.2121	-0.0102	0.0150	3.3564
Gates	52	47	52	41	41	11,908	10,166	10,312	10,490	10,284	4.3668	4.6233	5.0427	3.9085	3.9868	-0.0139	0.0150	4.1658
Graham	43	51	49	44	49	8,642	7,967	8,052	7,713	8,006	4.9757	6.4014	6.0854	5.7047	6.1204	0.0619	0.0150	6.3952
Granville	152	175	180	110	156	61,628	61,410	62,050	62,225	62,447	2.4664	2.8497	2.9009	1.7678	2.4981	0.0490	0.0490	2.8652
Greene	97	102	102	97	100	20,951	20,372	20,119	19,938	20,188	4.6299	5.0069	5.0698	4.8651	4.9534	0.0179	0.0179	5.2201
Guilford	1,867	1,799	1,899	1,835	2,004	538,431	547,379	544,278	550,452	554,791	3.4675	3.2866	3.4890	3.3336	3.6122	0.0121	0.0121	3.7434
Halifax	212	214	189	198	218	50,898	47,873	47,787	46,781	46,203	4.1652	4.4702	3.9551	4.2325	4.7183	0.0357	0.0357	5.2241
Harnett	351	335	382	361	388	136,705	134,847	139,562	141,501	144,870	2.5676	2.4843	2.7371	2.5512	2.6783	0.0128	0.0128	2.7811
Haywood	341	367	359	375	414	63,481	62,403	62,888	63,703	64,378	5.3717	5.8811	5.7086	5.8867	6.4308	0.0473	0.0473	7.3429
Henderson	599	613	635	671	689	118,563	117,408	117,274	120,208	122,073	5.0522	5.2211	5.4147	5.5820	5.6442	0.0281	0.0281	6.1206
Hertford	83	106	120	111	111	23,720	19,871	19,507	19,730	18,516	3.4992	5.3344	6.1516	5.6260	5.9948	0.1644	0.0150	6.2640
Hoke	92	101	107	127	124	54,682	52,331	55,151	55,417	55,631	1.6825	1.9300	1.9401	2.2917	2.2290	0.0766	0.0150	2.3290
Hyde	32	0	0	0	0	5,119	4,482	4,549	4,546	4,635	6.2512	0.0000	0.0000	0.0000	0.0000	0.0000	0.0150	0.0000
Iredell	413	441	684	382	372	183,309	191,180	196,170	202,785	206,051	2.2530	2.3067	3.4868	1.8838	1.8054	0.0085	0.0150	1.8864
Jackson	178	173	167	177	166	44,354	43,147	42,972	43,239	44,654	4.0132	4.0095	3.8863	4.0935	3.7175	-0.0175	0.0150	3.8844
Johnston	506	503	515	524	531	211,626	223,975	233,435	240,796	248,941	2.3910	2.2458	2.2062	2.1761	2.1330	-0.0279	0.0150	2.2288
Jones	39	33	41	63	63	10,067	8,947	9,199	9,096	9,258	3.8740	3.6884	4.4570	6.9261	6.8049	0.1742	0.0150	7.1105
Lee	227	208	196	207	248	61,663	64,278	64,907	66,635	68,750	3.6813	3.2359	3.0197	3.1065	3.6073	0.0005	0.0150	3.7692
Lenoir	286	268	239	264	298	56,876	54,783	54,572	53,810	53,980	5.0285	4.8920	4.3795	4.9062	5.5206	0.0284	0.0284	5.9908
Lincoln	236	244	249	254	260	88,699	88,298	91,171	95,399	97,203	2.6607	2.7634	2.7311	2.6625	2.6748	0.0016	0.0150	2.7949
Macon	126	129	103	113	114	37,014	37,430	37,653	38,081	38,515	3.4041	3.4464	2.7355	2.9674	2.9599	-0.0279	0.0150	3.0928
Madison	171	167	161	156	148	22,500	21,205	21,522	21,325	21,840	7.6000	7.8755	7.4807	7.3154	6.7766	-0.0274	0.0150	7.0808
Martin	100	86	87	93	105	22,904	21,713	21,476	21,139	20,998	4.3660	3.9608	4.0510	4.3995	5.0005	0.0381	0.0381	5.5727
McDowell	173	183	180	202	214	46,530	44,350	44,443	44,421	44,665	3.7180	4.1263	4.0501	4.5474	4.7912	0.0669	0.0150	5.0063
Mecklenburg	2,278	2,409	2,600	2,602	2,711	1,118,775	1,133,504	1,135,873	1,166,645	1,180,037	2.0362	2.1253	2.2890	2.2303	2.2974	0.0313	0.0313	2.5132
Mitchell	86	73	78	97	107	15,112	14,836	14,895	14,786	14,680	5.6908	4.9205	5.2367	6.5603	7.2888	0.0732	0.0150	7.6161
Montgomery	80	77	86	98	97	27,753	25,705	25,757	25,509	26,012	2.8826	2.9955	3.3389	3.8418	3.7290	0.0688	0.0150	3.8965
Moore	512	451	479	480	513	102,814	101,649	104,758	108,316	110,469	4.9799	4.4368	4.5724	4.4315	4.6438	-0.0153	0.0150	4.8523
Nash	335	332	355	342	373	96,669	95,116	95,446	97,313	98,544	3.4654	3.4905	3.7194	3.5144	3.7851	0.0237	0.0237	4.0540
New Hanover	825	846	851	869	872	235,231	227,782	235,245	239,395	242,785	3.5072	3.7141	3.6175	3.6300	3.5917	0.0065	0.0150	3.7529
Northampton	130	140	138	120	134	20,054	16,796	17,036	16,193	16,362	6.4825	8.3353	8.1005	7.4106	8.1897	0.0694	0.0150	8.5574
Onslow	204	215	222	229	239	210,056	206,718	209,491	212,378	215,940	0.9712	1.0401	1.0597	1.0783	1.1068	0.0334	0.0334	1.2178
Orange	319	358	343	375	358	147,907	150,258	149,665	150,169	152,383	2.1568	2.3826	2.2918	2.4972	2.3493	0.0243	0.0243	2.5203
Pamlico	68	70	68	68	73	13,277	12,140	12,299	12,178	12,723	5.1216	5.7661	5.5289	5.5838	5.7376	0.0305	0.0305	6.2634
Pasquotank	203	177	209	245	246	39,952	40,743	40,763	40,973	41,353	5.0811	4.3443	5.1272	5.9795	5.9488	0.0491	0.0491	6.8246

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	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024			
Pender	218	213	220	194	209	63,949	61,105	65,282	67,361	69,351	3.4090	3.4858	3.3700	2.8800	3.0137	-0.0274	0.0150	3.1490
Perquimans	54	56	63	68	73	13,807	12,847	13,445	13,165	13,417	3.9111	4.3590	4.6858	5.1652	5.4409	0.0863	0.0150	5.6851
Person	147	133	132	91	83	40,450	39,044	39,586	39,229	39,721	3.6341	3.4064	3.3345	2.3197	2.0896	-0.1218	0.0150	2.1834
Pitt	417	433	433	437	488	183,285	170,276	172,231	176,572	175,285	2.2751	2.5429	2.5141	2.4749	2.7840	0.0539	0.0539	3.2344
Polk	147	147	162	180	174	21,923	18,957	19,571	19,618	19,819	6.7053	7.7544	8.2776	9.1752	8.7795	0.0723	0.0150	9.1736
Randolph	475	507	521	532	538	145,246	144,818	145,796	145,720	147,760	3.2703	3.5009	3.5735	3.6508	3.6410	0.0276	0.0276	3.9420
Richmond	168	139	107	83	108	45,014	42,475	42,330	42,495	41,730	3.7322	3.2725	2.5278	1.9532	2.5881	-0.0632	0.0150	2.7043
Robeson	345	318	362	340	453	131,238	113,699	116,951	117,596	116,273	2.6288	2.7969	3.0953	2.8913	3.8960	0.1131	0.0150	4.0709
Rockingham	409	452	449	406	462	91,915	91,113	91,912	91,572	92,416	4.4498	4.9609	4.8851	4.4337	4.9991	0.0337	0.0337	5.5042
Rowan	690	695	666	666	688	143,274	147,817	148,765	152,064	153,675	4.8159	4.7018	4.4769	4.3797	4.4770	-0.0178	0.0150	4.6780
Rutherford	321	314	339	366	326	69,049	64,178	64,184	64,419	65,075	4.6489	4.8926	5.2817	5.6816	5.0096	0.0223	0.0223	5.3455
Sampson	156	140	169	168	171	64,053	58,309	58,987	59,425	60,164	2.4355	2.4010	2.8650	2.8271	2.8422	0.0428	0.0428	3.2072
Scotland	147	157	150	164	157	35,724	33,682	33,079	33,341	33,360	4.1149	4.6612	4.5346	4.9189	4.7062	0.0368	0.0368	5.2255
Stanly	229	273	249	283	280	64,691	62,220	62,883	63,752	65,293	3.5399	4.3877	3.9597	4.4391	4.2884	0.0573	0.0573	5.0251
Stokes	294	278	275	255	265	46,684	44,344	45,039	45,625	45,743	6.2977	6.2692	6.1058	5.5890	5.7932	-0.0197	0.0150	6.0533
Surry	351	360	378	367	353	73,548	71,195	71,329	71,247	71,772	4.7724	5.0565	5.2994	5.1511	4.9184	0.0086	0.0150	5.1392
Swain	72	62	73	73	80	14,489	14,059	14,316	13,873	13,741	4.9693	4.4100	5.0992	5.2620	5.8220	0.0455	0.0455	6.6170
Transylvania	123	136	138	148	166	35,511	32,785	33,498	33,029	33,406	3.4637	4.1482	4.1196	4.4809	4.9692	0.0968	0.0150	5.1923
Tyrrell *	0	0	0	0	0	3,767	3,101	3,193	3,341	3,479	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0150	0.0000
Union	545	533	525	528	563	238,740	242,651	247,301	257,071	265,730	2.2828	2.1966	2.1229	2.0539	2.1187	-0.0181	0.0150	2.2138
Vance	161	174	162	174	186	45,435	42,096	42,014	40,963	41,240	3.5435	4.1334	3.8559	4.2477	4.5102	0.0657	0.0150	4.7127
Wake	1,741	2,643	1,853	1,743	1,827	1,102,782	1,156,274	1,169,294	1,189,597	1,216,309	1.5787	2.2858	1.5847	1.4652	1.5021	0.0227	0.0227	1.6045
Warren	75	83	78	78	77	19,767	18,319	18,873	18,738	18,671	3.7942	4.5308	4.1329	4.1627	4.1240	0.0261	0.0261	4.4465
Washington	89	76	84	71	80	12,039	10,818	10,607	10,424	10,422	7.3926	7.0253	7.9193	6.8112	7.6761	0.0162	0.0162	8.0481
Watauga	129	140	145	152	162	57,011	53,639	54,068	56,582	55,025	2.2627	2.6100	2.6818	2.6864	2.9441	0.0697	0.0150	3.0763
Wayne	310	366	377	405	402	126,339	116,094	117,544	116,934	118,671	2.4537	3.1526	3.2073	3.4635	3.3875	0.0900	0.0150	3.5396
Wilkes	294	305	328	272	281	70,263	65,378	65,698	66,003	66,296	4.1843	4.6652	4.9925	4.1210	4.2386	0.0098	0.0150	4.4289
Wilson	264	221	284	312	350	83,495	78,284	77,877	78,415	78,937	3.1619	2.8231	3.6468	3.9788	4.4339	0.0975	0.0150	4.6330
Yadkin	165	166	158	172	173	38,145	37,081	37,117	37,398	37,722	4.3256	4.4767	4.2568	4.5992	4.5862	0.0159	0.0159	4.8043
Yancey	81	77	77	87	99	18,909	18,557	18,455	18,510	18,555	4.2837	4.1494	4.1723	4.7002	5.3355	0.0590	0.0150	5.5750
State Total	31,916	33,227	33,635	33,678	35,082	10,587,440	10,535,205	10,667,874	10,842,949	10,978,531	3.0145	3.1539	3.1529	3.1060	3.1955	0.0150		

* Camden and Tyrrell counties have no Nursing Care Beds.