

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

A County	B Patients					C Populations					D Rates					E Actual Average Change Rate	F Selected Change Rate (County or State)	G Bed Rate per 1,000
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023			
	Alamance	742	600	597	675	645	170,483	170,698	173,384	177,141	181,394	4.3523	3.5150	3.4432	3.8105			
Alexander	99	84	63	76	65	38,530	38,524	36,145	36,429	36,353	2.5694	2.1805	1.7430	2.0862	1.7880	-0.0745	-0.0252	1.6531
Alleghany	62	73	76	81	82	11,466	11,558	10,829	11,132	11,426	5.4073	6.3160	7.0182	7.2763	7.1766	0.0756	-0.0252	6.6351
Anson	151	131	130	135	145	25,290	23,889	21,904	21,502	22,087	5.9707	5.4837	5.9350	6.2785	6.5649	0.0261	-0.0252	6.0696
Ashe	125	94	111	113	109	27,861	28,020	26,444	26,653	26,975	4.4866	3.3547	4.1975	4.2397	4.0408	-0.0095	-0.0095	3.9259
Avery	74	73	69	62	68	18,022	18,182	17,775	17,951	17,394	4.1061	4.0150	3.8819	3.4538	3.9094	-0.0084	-0.0084	3.8106
Beaufort	252	157	213	234	233	47,480	47,400	44,120	44,395	43,785	5.3075	3.3122	4.8277	5.2709	5.3215	0.0458	-0.0252	4.9199
Bertie	100	104	96	89	120	19,636	19,496	17,598	16,933	16,839	5.0927	5.3344	5.4552	5.2560	7.1263	0.0974	-0.0252	6.5886
Bladen	143	123	133	128	141	34,497	34,421	28,771	29,195	28,902	4.1453	3.5734	4.6227	4.3843	4.8786	0.0542	-0.0252	4.5104
Brunswick	446	378	412	438	450	142,088	147,644	140,411	150,848	160,022	3.1389	2.5602	2.9342	2.9036	2.8121	-0.0201	-0.0201	2.6429
Buncombe	1,527	1,407	1,401	1,389	1,424	264,056	264,408	272,880	274,361	276,367	5.7829	5.3213	5.1341	5.0627	5.1526	-0.0278	-0.0252	4.7638
Burke	413	378	430	414	409	91,810	91,708	86,783	87,412	89,179	4.4984	4.1218	4.9549	4.7362	4.5863	0.0107	0.0107	4.7328
Cabarrus	636	510	489	528	566	212,917	216,841	232,083	235,654	243,942	2.9871	2.3520	2.1070	2.2406	2.3202	-0.0545	-0.0252	2.1451
Caldwell	337	341	327	322	314	83,417	84,230	80,171	80,975	81,761	4.0399	4.0484	4.0788	3.9765	3.8405	-0.0124	-0.0124	3.6973
Camden *	0	0	0	0	0	10,611	10,575	10,469	10,915	11,064	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Carteret	244	192	177	188	201	71,163	71,352	67,311	68,813	70,294	3.4287	2.6909	2.6296	2.7320	2.8594	-0.0381	-0.0252	2.6436
Caswell	114	122	110	99	137	23,664	23,462	22,582	22,339	22,098	4.8174	5.1999	4.8711	4.4317	6.1997	0.0812	-0.0252	5.7318
Catawba	650	601	613	612	633	159,494	160,732	161,909	162,790	166,441	4.0754	3.7391	3.7861	3.7594	3.8031	-0.0163	-0.0163	3.6167
Chatham	347	318	326	364	362	75,994	77,061	77,747	78,450	80,498	4.5661	4.1266	4.1931	4.6399	4.4970	-0.0011	-0.0011	4.4822
Cherokee	150	111	138	161	173	29,630	29,610	28,873	29,177	29,154	5.0624	3.7487	4.7796	5.5180	5.9340	0.0613	-0.0252	5.4862
Chowan	89	86	81	67	71	14,114	14,114	13,640	13,677	13,807	6.3058	6.0932	5.9384	4.8987	5.1423	-0.0461	-0.0252	4.7543
Clay	77	76	72	67	81	11,860	11,759	11,066	11,415	11,793	6.4924	6.4631	6.5064	5.8695	6.8685	0.0186	-0.0252	6.3502
Cleveland	443	324	359	405	401	99,776	100,814	100,541	101,874	100,596	4.4399	3.2138	3.5707	3.9755	3.9862	-0.0123	-0.0123	3.8396
Columbus	179	177	188	209	198	56,290	56,002	49,307	50,043	49,966	3.1800	3.1606	3.8128	4.1764	3.9627	0.0611	-0.0252	3.6637
Craven	390	337	356	303	382	103,779	103,016	100,128	102,032	104,372	3.7580	3.2713	3.5554	2.9697	3.6600	0.0063	0.0063	3.7288
Cumberland	921	791	800	820	798	332,455	333,531	334,660	343,588	342,872	2.7703	2.3716	2.3905	2.3866	2.3274	-0.0406	-0.0252	2.1518
Currituck	51	55	55	75	71	27,526	28,048	29,305	30,904	32,240	1.8528	1.9609	1.8768	2.4269	2.2022	0.0540	-0.0252	2.0361
Dare	86	68	78	65	73	37,290	38,027	37,342	37,937	37,801	2.3062	1.7882	2.0888	1.7134	1.9312	-0.0273	-0.0252	1.7854
Davidson	667	606	601	600	639	169,468	170,370	170,044	172,093	176,119	3.9358	3.5570	3.5344	3.4865	3.6282	-0.0189	-0.0189	3.4228
Davie	195	203	210	215	214	43,430	43,746	43,283	43,754	44,290	4.4900	4.6404	4.8518	4.9138	4.8318	0.0188	-0.0252	4.4672
Duplin	192	201	194	195	225	59,736	60,177	47,043	48,747	49,205	3.2141	3.3401	4.1239	4.0002	4.5727	0.0967	-0.0252	4.2276
Durham	1,104	918	905	1,027	1,039	315,741	321,261	329,973	332,576	337,308	3.4965	2.8575	2.7426	3.0880	3.0803	-0.0249	-0.0249	2.8503
Edgecombe	262	192	220	246	215	52,586	52,024	48,104	47,707	47,951	4.9823	3.6906	4.5734	5.1565	4.4837	-0.0058	-0.0058	4.4063
Forsyth	1,344	1,134	1,176	1,192	1,281	379,693	380,964	385,489	386,047	393,297	3.5397	2.9767	3.0507	3.0877	3.2571	-0.0168	-0.0168	3.0929
Franklin	205	167	194	202	199	69,112	71,196	70,436	73,371	77,108	2.9662	2.3456	2.7543	2.7531	2.5808	-0.0245	-0.0245	2.3911

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	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023			
	Gaston	810	751	737	757	769	222,744	224,168	230,378	237,542	240,885	3.6365	3.3502	3.1991	3.1868			
Gates	58	52	47	52	41	12,132	11,908	10,166	10,312	10,490	4.7807	4.3668	4.6233	5.0427	3.9085	-0.0405	-0.0252	3.6136
Graham	70	43	51	49	44	8,687	8,642	7,967	8,052	7,713	8.0580	4.9757	6.4014	6.0854	5.7047	-0.0520	-0.0252	5.2742
Granville	197	152	175	180	110	61,406	61,628	61,410	62,050	62,225	3.2082	2.4664	2.8497	2.9009	1.7678	-0.1121	-0.0252	1.6344
Greene	97	97	102	102	97	21,050	20,951	20,372	20,119	19,938	4.6081	4.6299	5.0069	5.0698	4.8651	0.0146	0.0146	5.0780
Guilford	2,007	1,867	1,799	1,899	1,835	539,666	538,431	547,379	544,278	550,452	3.7190	3.4675	3.2866	3.4890	3.3336	-0.0257	-0.0257	3.0768
Halifax	181	212	214	189	198	51,194	50,898	47,873	47,787	46,781	3.5356	4.1652	4.4702	3.9551	4.2325	0.0516	-0.0252	3.9131
Harnett	391	351	335	382	361	135,239	136,705	134,847	139,562	141,501	2.8912	2.5676	2.4843	2.7371	2.5512	-0.0276	-0.0252	2.3587
Haywood	416	341	367	359	375	63,328	63,481	62,403	62,888	63,703	6.5690	5.3717	5.8811	5.7086	5.8867	-0.0214	-0.0214	5.5089
Henderson	669	599	613	635	671	118,312	118,563	117,408	117,274	120,208	5.6545	5.0522	5.2211	5.4147	5.5820	-0.0013	-0.0013	5.5606
Hertford	133	83	106	120	111	24,037	23,720	19,871	19,507	19,730	5.5331	3.4992	5.3344	6.1516	5.6260	0.0562	-0.0252	5.2014
Hoke	112	92	101	107	127	54,842	54,682	52,331	55,151	55,417	2.0422	1.6825	1.9300	1.9401	2.2917	0.0394	-0.0252	2.1188
Hyde	37	32	0	0	0	5,181	5,119	4,482	4,549	4,546	7.1415	6.2512	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Iredell	486	413	441	684	382	181,380	183,309	191,180	196,170	202,785	2.6795	2.2530	2.3067	3.4868	1.8838	-0.0209	-0.0209	1.7658
Jackson	168	178	173	167	177	44,335	44,354	43,147	42,972	43,239	3.7893	4.0132	4.0095	3.8863	4.0935	0.0202	-0.0252	3.7846
Johnston	525	506	503	515	524	205,951	211,626	223,975	233,435	240,796	2.5492	2.3910	2.2458	2.2062	2.1761	-0.0385	-0.0252	2.0119
Jones	56	39	33	41	63	10,196	10,067	8,947	9,199	9,096	5.4923	3.8740	3.6884	4.4570	6.9261	0.1050	-0.0252	6.4035
Lee	251	227	208	196	207	61,690	61,663	64,278	64,907	66,635	4.0687	3.6813	3.2359	3.0197	3.1065	-0.0636	-0.0252	2.8721
Lenoir	318	286	268	239	264	56,372	56,876	54,783	54,572	53,810	5.6411	5.0285	4.8920	4.3795	4.9062	-0.0301	-0.0252	4.5359
Lincoln	249	236	244	249	254	86,453	88,699	88,298	91,171	95,399	2.8802	2.6607	2.7634	2.7311	2.6625	-0.0186	-0.0186	2.5139
Macon	137	126	129	103	113	36,498	37,014	37,430	37,653	38,081	3.7536	3.4041	3.4464	2.7355	2.9674	-0.0506	-0.0252	2.7434
Madison	173	171	167	161	156	22,602	22,500	21,205	21,522	21,325	7.6542	7.6000	7.8755	7.4807	7.3154	-0.0108	-0.0108	7.0791
Martin	105	100	86	87	93	23,150	22,904	21,713	21,476	21,139	4.5356	4.3660	3.9608	4.0510	4.3995	-0.0054	-0.0054	4.3288
McDowell	213	173	183	180	202	46,684	46,530	44,350	44,443	44,421	4.5626	3.7180	4.1263	4.0501	4.5474	0.0073	0.0073	4.6464
Mecklenburg	2,816	2,278	2,409	2,600	2,602	1,108,107	1,118,775	1,133,504	1,135,873	1,166,645	2.5413	2.0362	2.1253	2.2890	2.2303	-0.0259	-0.0259	2.0570
Mitchell	97	86	73	78	97	15,239	15,112	14,836	14,895	14,786	6.3652	5.6908	4.9205	5.2367	6.5603	0.0189	-0.0252	6.0652
Montgomery	99	80	77	86	98	27,666	27,753	25,705	25,757	25,509	3.5784	2.8826	2.9955	3.3389	3.8418	0.0275	-0.0252	3.5519
Moore	550	512	451	479	480	101,180	102,814	101,649	104,758	108,316	5.4359	4.9799	4.4368	4.5724	4.4315	-0.0483	-0.0252	4.0971
Nash	388	335	332	355	342	95,647	96,669	95,116	95,446	97,313	4.0566	3.4654	3.4905	3.7194	3.5144	-0.0320	-0.0252	3.2492
New Hanover	901	825	846	851	869	235,560	235,231	227,782	235,245	239,395	3.8249	3.5072	3.7141	3.6175	3.6300	-0.0117	-0.0117	3.5030
Northampton	136	130	140	138	120	20,527	20,054	16,796	17,036	16,193	6.6254	6.4825	8.3353	8.1005	7.4106	0.0377	-0.0252	6.8514
Onslow	235	204	215	222	229	201,548	210,056	206,718	209,491	212,378	1.1660	0.9712	1.0401	1.0597	1.0783	-0.0149	-0.0149	1.0300
Orange	348	319	358	343	375	147,093	147,907	150,258	149,665	150,169	2.3659	2.1568	2.3826	2.2918	2.4972	0.0170	-0.0252	2.3087
Pamlico	79	68	70	68	68	13,266	13,277	12,140	12,299	12,178	5.9551	5.1216	5.7661	5.5289	5.5838	-0.0113	-0.0113	5.3940
Pasquotank	202	203	177	209	245	39,731	39,952	40,743	40,763	40,973	5.0842	5.0811	4.3443	5.1272	5.9795	0.0502	-0.0252	5.5283

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	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023			
	Pender	234	218	213	220	194	63,406	63,949	61,105	65,282	67,361	3.6905	3.4090	3.4858	3.3700			
Perquimans	52	54	56	63	68	13,639	13,807	12,847	13,445	13,165	3.8126	3.9111	4.3590	4.6858	5.1652	0.0794	-0.0252	4.7754
Person	162	147	133	132	91	40,370	40,450	39,044	39,586	39,229	4.0129	3.6341	3.4064	3.3345	2.3197	-0.1206	-0.0252	2.1447
Pitt	471	417	433	433	437	179,731	183,285	170,276	172,231	176,572	2.6206	2.2751	2.5429	2.5141	2.4749	-0.0103	-0.0103	2.3987
Polk	168	147	147	162	180	21,696	21,923	18,957	19,571	19,618	7.7434	6.7053	7.7544	8.2776	9.1752	0.0496	-0.0252	8.4829
Randolph	534	475	507	521	532	144,914	145,246	144,818	145,796	145,720	3.6849	3.2703	3.5009	3.5735	3.6508	0.0001	0.0001	3.6518
Richmond	170	168	139	107	83	45,079	45,014	42,475	42,330	42,495	3.7712	3.7322	3.2725	2.5278	1.9532	-0.1471	-0.0252	1.8058
Robeson	388	345	318	362	340	131,056	131,238	113,699	116,951	117,596	2.9606	2.6288	2.7969	3.0953	2.8913	-0.0018	-0.0018	2.8753
Rockingham	534	409	452	449	406	91,788	91,915	91,113	91,912	91,572	5.8178	4.4498	4.9609	4.8851	4.4337	-0.0570	-0.0252	4.0991
Rowan	810	690	695	666	666	142,643	143,274	147,817	148,765	152,064	5.6785	4.8159	4.7018	4.4769	4.3797	-0.0613	-0.0252	4.0492
Rutherford	369	321	314	339	366	68,908	69,049	64,178	64,184	64,419	5.3550	4.6489	4.8926	5.2817	5.6816	0.0190	-0.0252	5.2528
Sampson	205	156	140	169	168	64,284	64,053	58,309	58,987	59,425	3.1890	2.4355	2.4010	2.8650	2.8271	-0.0176	-0.0176	2.6778
Scotland	182	147	157	150	164	35,732	35,724	33,682	33,079	33,341	5.0935	4.1149	4.6612	4.5346	4.9189	-0.0004	-0.0004	4.9123
Stanly	341	229	273	249	283	63,727	64,691	62,220	62,883	63,752	5.3510	3.5399	4.3877	3.9597	4.4391	-0.0189	-0.0189	4.1879
Stokes	292	294	278	275	255	46,420	46,684	44,344	45,039	45,625	6.2904	6.2977	6.2692	6.1058	5.5890	-0.0285	-0.0252	5.1673
Surry	416	351	360	378	367	73,232	73,548	71,195	71,329	71,247	5.6806	4.7724	5.0565	5.2994	5.1511	-0.0201	-0.0201	4.8409
Swain	90	72	62	73	73	14,275	14,489	14,059	14,316	13,873	6.3047	4.9693	4.4100	5.0992	5.2620	-0.0340	-0.0252	4.8649
Transylvania	148	123	136	138	148	35,484	35,511	32,785	33,498	33,029	4.1709	3.4637	4.1482	4.1196	4.4809	0.0272	-0.0252	4.1428
Tyrrell *	0	0	0	0	0	4,259	3,767	3,101	3,193	3,341	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Union	501	545	533	525	528	237,287	238,740	242,651	247,301	257,071	2.1114	2.2828	2.1966	2.1229	2.0539	-0.0057	-0.0057	2.0191
Vance	211	161	174	162	174	45,969	45,435	42,096	42,014	40,963	4.5900	3.5435	4.1334	3.8559	4.2477	-0.0068	-0.0068	4.1616
Wake	2,017	1,741	2,643	1,853	1,743	1,089,579	1,102,782	1,156,274	1,169,294	1,189,597	1.8512	1.5787	2.2858	1.5847	1.4652	-0.0204	-0.0204	1.3757
Warren	96	75	83	78	78	20,022	19,767	18,319	18,873	18,738	4.7947	3.7942	4.5308	4.1329	4.1627	-0.0238	-0.0238	3.8656
Washington	104	89	76	84	71	12,071	12,039	10,818	10,607	10,424	8.6157	7.3926	7.0253	7.9193	6.8112	-0.0511	-0.0252	6.2972
Watauga	161	129	140	145	152	57,899	57,011	53,639	54,068	56,582	2.7807	2.2627	2.6100	2.6818	2.6864	-0.0009	-0.0009	2.6791
Wayne	399	310	366	377	405	125,825	126,339	116,094	117,544	116,934	3.1711	2.4537	3.1526	3.2073	3.4635	0.0390	-0.0252	3.2021
Wilkes	315	294	305	328	272	70,200	70,263	65,378	65,698	66,003	4.4872	4.1843	4.6652	4.9925	4.1210	-0.0142	-0.0142	3.9450
Wilson	315	264	221	284	312	82,282	83,495	78,284	77,877	78,415	3.8283	3.1619	2.8231	3.6468	3.9788	0.0254	-0.0252	3.6786
Yadkin	176	165	166	158	172	38,196	38,145	37,081	37,117	37,398	4.6078	4.3256	4.4767	4.2568	4.5992	0.0012	0.0012	4.6164
Yancey	92	81	77	77	87	18,623	18,909	18,557	18,455	18,510	4.9401	4.2837	4.1494	4.1723	4.7002	-0.0080	-0.0080	4.5867
State Total	36,480	31,916	33,227	33,635	33,678	10,508,254	10,587,440	10,535,205	10,667,874	10,842,949	3.4716	3.0145	3.1539	3.1529	3.1060	-0.0252		

* Camden and Tyrrell counties have no Nursing Care Beds.