

**Table 1: Combined County Rate with Projected Bed Utilization Summary\***

County	2018 Population (Civilian)	Rates					Selected Average Change	Final Calculated Rate	2018 Projected Bed Utilization Summary
		2009	2010	2011	2012	2013			
Alamance	156,708	5.39	5.74	5.23	5.25	4.99	-0.0177	4.72	740
Alexander	37,364	3.32	2.93	3.01	3.29	3.23	-0.0040	3.19	119
Alleghany	11,060	7.48	7.03	7.23	6.93	7.07	-0.0132	6.79	75
Anson	26,427	6.11	5.88	5.65	5.56	5.24	-0.0113	5.06	134
Ashe	27,486	6.79	6.18	5.91	4.02	4.34	-0.0113	4.19	115
Avery	17,869	5.57	5.13	5.05	5.40	5.15	-0.0180	4.87	87
Beaufort	47,790	3.00	5.08	5.33	5.30	5.44	-0.0113	5.26	251
Bertie	20,393	6.42	6.57	5.94	5.71	6.27	-0.0033	6.20	127
Bladen	35,378	5.40	5.25	4.98	4.66	4.68	-0.0113	4.53	160
Brunswick	131,044	3.50	3.63	4.31	4.05	3.88	-0.0113	3.75	491
Buncombe	264,263	6.00	6.59	6.69	6.15	6.29	0.0140	6.56	1,733
Burke	88,072	5.48	5.69	5.25	5.39	5.47	0.0009	5.49	483
Cabarrus	201,629	3.55	3.38	3.35	3.23	3.12	-0.0113	3.01	607
Caldwell	82,089	4.49	4.47	4.11	4.32	4.35	-0.0069	4.26	350
Camden†	10,264	6.14	5.89	6.15	5.85	5.78	-0.0144	5.52	57
Carteret	72,435	4.62	3.98	4.31	3.65	3.96	-0.0113	3.82	277
Caswell	23,718	6.01	6.14	5.41	5.62	5.48	-0.0210	5.13	122
Catawba	155,879	4.38	4.43	4.59	3.72	4.40	0.0101	4.53	707
Chatham	73,298	5.68	5.59	5.36	5.71	5.28	-0.0169	5.01	367
Cherokee	27,060	6.75	6.83	6.41	6.84	6.37	-0.0129	6.12	166
Chowan	14,978	8.64	8.72	8.58	6.85	6.35	-0.0113	6.13	92
Clay	10,596	5.79	6.18	6.12	6.65	7.72	-0.0113	7.45	79
Cleveland	96,665	5.43	6.65	5.40	5.09	4.98	-0.0109	4.81	465
Columbus	57,379	5.17	5.05	4.87	4.67	4.87	-0.0144	4.66	267
Craven	102,600	4.45	4.91	3.94	3.92	3.96	-0.0222	3.70	380
Cumberland	313,295	3.35	3.27	3.20	3.23	3.28	-0.0053	3.23	1,011
Currituck	24,055	3.66	3.69	3.89	3.41	3.37	-0.0183	3.18	77
Dare	36,423	2.51	2.27	1.55	1.69	2.07	-0.0237	1.93	70
Davidson	165,532	4.37	4.48	4.40	4.27	4.33	-0.0018	4.31	714
Davie	42,140	3.93	3.82	3.99	4.20	4.41	-0.0113	4.26	179
Duplin	61,764	4.19	4.11	3.72	3.55	3.91	-0.0147	3.74	231
Durham	312,447	3.94	3.90	4.06	4.34	3.84	-0.0041	3.79	1,185
Edgecombe	55,192	5.69	5.82	5.10	5.06	5.06	-0.0271	4.65	257
Forsyth	372,731	3.49	3.72	3.75	3.66	3.56	0.0058	3.62	1,349
Franklin	66,356	3.73	3.66	3.39	3.33	2.79	-0.0113	2.70	179
Gaston	216,758	4.33	4.35	4.36	4.25	4.21	-0.0072	4.12	892
Gates	10,728	4.47	4.73	3.94	4.65	4.63	0.0169	4.87	52
Graham	9,232	7.93	9.41	7.16	7.46	7.35	-0.0062	7.21	67
Granville	58,389	3.55	3.07	3.32	3.59	3.23	-0.0183	3.05	178
Greene	21,059	4.77	4.79	4.84	4.82	4.46	-0.0160	4.24	89
Guilford	535,137	4.33	4.49	4.45	4.22	4.20	-0.0071	4.11	2,201
Halifax	52,155	5.64	5.82	5.50	5.40	5.47	-0.0068	5.36	280
Harnett	130,629	3.54	3.86	3.33	2.57	3.03	-0.0239	2.82	368
Haywood	61,073	6.41	6.72	6.65	7.22	6.73	0.0141	7.02	429
Henderson	113,873	8.22	7.92	7.43	7.52	7.28	-0.0294	6.64	756
Hertford	24,324	6.01	6.29	5.93	5.93	5.78	-0.0089	5.63	137
Hoke	52,762	2.80	2.89	2.67	2.65	2.60	-0.0177	2.46	130
Hyde	5,984	8.72	8.75	8.77	9.75	9.83	-0.0113	9.49	57
Iredell	175,303	3.75	3.62	5.34	3.30	3.40	0.0223	3.63	636
Jackson	41,509	1.92	4.80	4.14	4.07	3.82	-0.0113	3.69	153
Johnston	190,831	3.13	2.96	2.90	2.82	2.81	-0.0264	2.59	493
Jones	10,677	6.50	5.87	6.10	5.75	5.21	-0.0113	5.03	54
Lee	63,831	3.19	3.70	3.24	2.94	3.86	-0.0113	3.73	238
Lenoir	58,821	4.67	4.93	4.65	4.48	4.64	-0.0003	4.64	273
Lincoln	82,573	2.07	3.66	3.53	3.56	3.64	-0.0113	3.51	290
Macon	34,231	5.74	5.69	5.40	5.03	4.39	-0.0113	4.24	145

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		2009	2010	2011	2012	2013			
Madison	21,730	8.06	7.74	8.30	8.31	7.67	-0.0106	7.43	161
Martin	23,009	5.70	5.29	4.90	4.41	4.97	-0.0299	4.52	104
McDowell	45,460	4.60	5.54	4.82	5.06	4.77	0.0167	5.01	228
Mecklenburg	1,096,970	2.92	2.88	2.71	2.61	2.61	-0.0279	2.39	2,620
Mitchell	15,266	6.51	7.42	6.64	6.69	6.63	0.0082	6.79	104
Montgomery	27,670	3.36	3.57	2.98	3.62	3.35	0.0093	3.44	95
Moore	96,520	6.90	6.88	6.70	6.54	6.44	-0.0170	6.11	590
Nash	93,192	4.34	4.87	4.58	4.53	4.59	0.0161	4.81	448
New Hanover	233,064	3.77	3.93	3.81	4.17	4.17	-0.0113	4.03	940
Northampton	19,904	5.86	6.62	5.81	5.95	5.66	-0.0044	5.58	111
Onslow	179,937	1.71	1.77	1.71	1.59	1.57	-0.0206	1.48	265
Orange	148,152	2.41	2.47	2.84	2.22	2.20	-0.0136	2.11	312
Pamlico	13,071	5.06	4.71	3.94	4.32	4.13	-0.0113	3.99	52
Pasquotank	37,456	6.14	5.89	6.15	5.85	5.78	-0.0144	5.52	207
Pender	60,975	4.18	4.17	4.30	4.23	4.14	-0.0023	4.11	251
Perquimans	14,496	5.33	5.63	4.73	3.81	4.51	-0.0282	4.13	60
Person	39,388	4.62	4.39	4.43	4.29	4.47	-0.0080	4.36	172
Pitt	181,197	2.24	3.17	3.01	2.87	2.83	-0.0113	2.74	496
Polk	20,888	9.98	9.45	9.19	9.57	9.45	-0.0129	9.09	190
Randolph	142,925	4.65	4.48	4.43	4.50	4.45	-0.0104	4.31	617
Richmond	45,922	4.27	4.28	4.22	4.15	3.52	-0.0113	3.40	156
Robeson	132,062	2.83	3.82	3.56	3.71	2.87	-0.0113	2.78	367
Rockingham	90,472	6.33	6.11	6.17	5.77	5.90	-0.0172	5.59	506
Rowan	140,981	5.97	5.94	6.11	5.93	6.12	0.0065	6.24	880
Rutherford	66,798	6.14	6.11	5.63	5.43	5.52	-0.0257	5.09	340
Sampson	65,421	4.37	4.49	4.69	4.41	3.92	-0.0250	3.62	237
Scotland	35,559	4.47	4.53	4.80	2.75	5.11	-0.0113	4.93	175
Stanly	61,599	6.44	6.49	6.25	6.25	6.00	-0.0172	5.69	351
Stokes	45,307	6.50	6.37	6.04	6.44	6.57	0.0037	6.64	301
Surry	73,367	4.72	6.00	5.79	5.72	5.90	-0.0113	5.70	418
Swain	15,367	6.42	6.52	6.03	5.38	6.03	-0.0119	5.81	89
Transylvania	34,035	10.74	7.41	6.79	6.39	5.69	-0.0113	5.50	187
Tyrrell†	4,006	8.00	8.57	8.42	8.27	7.40	-0.0171	7.02	28
Union	231,746	2.45	2.63	2.80	2.59	2.56	0.0130	2.66	617
Vance	44,701	5.04	4.66	4.92	4.68	4.68	-0.0172	4.44	199
Wake	1,064,892	2.20	2.19	2.03	2.04	2.02	-0.0197	1.90	2,027
Warren	20,057	6.37	6.05	5.84	5.61	5.87	-0.0197	5.52	111
Washington	12,492	8.00	8.57	8.42	8.27	7.40	-0.0171	7.02	88
Watauga	54,021	4.08	3.99	2.99	3.29	2.05	-0.0113	1.98	107
Wayne	123,635	3.84	3.95	3.64	3.82	3.67	-0.0096	3.57	441
Wilkes	69,990	5.72	5.76	5.50	5.39	5.36	-0.0157	5.11	357
Wilson	86,990	4.69	4.53	4.44	4.17	4.10	-0.0113	3.96	345
Yadkin	37,640	5.82	5.52	5.25	5.28	5.30	-0.0228	4.93	186
Yancey	18,016	5.66	4.98	5.92	6.49	5.58	0.0062	5.68	102
State	10,278,604	4.04	4.15	4.04	3.90	3.86	-0.0113		

\*Rates were combined and county rate was calculated. The average change was smoothed by substitution of the state rate at 1/2 standard deviation above and below mean. Mean was calculated at -0.00314 and standard deviation was .0553. No Vacancy factors were applied to these calculations. Data based on 2014 data used in 2015 SMFP. Utilization data projected to 36 months.

†Camden was assigned Pasquotank County's rates and average change based on patient origin reports.

‡Tyrrell was assigned Washington County's rates and average change based on patient origin reports