

## Papillary Thyroid Cancer Rates by County — North Carolina, 2012–2016

County	Cases	Census Population Estimates (5 Years)	Rate (Per 100,000 Population)	95% Confidence Interval <sup>a</sup>	
				Lower Bound	Upper Bound
<b>North Carolina</b>	<b>5,746</b>	<b>47,677,415</b>	<b>11.6</b>	<b>11.3</b>	<b>11.9</b>
Pender	65	261,085	22.6	17.3	29.1
Iredell	181	797,185	21.8	18.7	25.2
Onslow	157	888,860	21.6	18.2	25.4
New Hanover	209	1,013,335	19.8	17.2	22.8
Brunswick	118	537,155	18.3	14.8	22.3
Rowan	134	692,140	18.0	15.0	21.4
Watauga	39	255,395	17.4	12.1	24.2
Durham	226	1,337,935	17.1	14.9	19.6
Carteret	61	332,345	15.9	11.9	20.7
Cabarrus	139	890,055	15.3	12.8	18.1
Catawba	125	771,790	15.0	12.4	17.9
Randolph	110	708,760	14.6	11.9	17.7
Hoke	28	234,760	13.8	9.1	20.1
Rutherford	52	339,050	13.3	9.8	17.6
Moore	57	441,235	13.2	9.9	17.4
Chatham	49	317,525	13.0	9.4	17.5
Duplin	40	292,525	12.9	9.1	17.7
Columbus	40	290,490	12.7	8.9	17.5
Alamance	99	755,655	12.6	10.2	15.4
Dare	24	169,600	12.4	7.7	19.0
Wake	537	4,504,965	12.1	11.1	13.2
Union	117	1,006,460	12.0	9.9	14.4
Orange	80	669,005	12.0	9.5	15.0
Sampson	38	317,155	11.5	8.1	15.9
Guilford	287	2,442,030	11.4	10.1	12.8
Craven	58	517,525	11.4	8.6	14.9
Alexander	23	185,990	11.4	7.1	17.3
Lenoir	39	297,475	11.3	7.9	15.7
Davie	24	206,200	11.3	7.1	17.2
Lincoln	46	391,325	11.2	8.1	15.0
Pitt	84	840,740	11.1	8.8	13.8
Person	26	197,320	11.1	7.1	16.5

<b>Lee</b>	33	289,330	11.0	7.5	15.5
<b>Stanly</b>	36	302,925	10.8	7.5	15.1
<b>Scotland</b>	21	180,785	10.7	6.5	16.6
<b>Mecklenburg</b>	476	4,598,140	10.6	9.6	11.6
<b>Granville</b>	36	299,580	10.6	7.4	14.8
<b>Harnett</b>	58	573,390	10.5	8.0	13.7
<b>Haywood</b>	37	295,180	10.5	7.2	14.9
<b>Caldwell</b>	48	415,145	10.4	7.6	13.8
<b>Forsyth</b>	190	1,753,350	10.3	8.9	11.9
<b>Cumberland</b>	154	1,597,155	10.3	8.7	12.1
<b>Davidson</b>	88	814,390	10.3	8.2	12.8
<b>Wayne</b>	61	613,115	10.0	7.6	12.9
<b>Surry</b>	39	368,365	9.9	7.0	13.7
<b>Buncombe</b>	125	1,191,590	9.8	8.1	11.7
<b>Wilkes</b>	41	346,700	9.8	6.9	13.5
<b>Beaufort</b>	23	238,795	9.8	6.1	15.0
<b>Cherokee</b>	19	137,220	9.5	5.4	15.7
<b>Henderson</b>	61	533,700	9.4	7.0	12.3
<b>Cleveland</b>	50	490,390	9.4	6.9	12.5
<b>Ashe</b>	18	136,405	9.4	5.4	15.5
<b>Gaston</b>	95	1,030,430	8.9	7.1	10.9
<b>Rockingham</b>	45	468,215	8.6	6.2	11.6
<b>Jackson</b>	16	201,355	8.4	4.6	13.9
<b>Richmond</b>	19	233,195	8.2	4.9	12.9
<b>Macon</b>	16	169,610	8.2	4.4	13.9
<b>Halifax</b>	24	273,455	7.8	4.9	11.8
<b>Johnston</b>	67	844,390	7.7	5.9	9.8
<b>Yadkin</b>	16	192,030	7.6	4.2	12.5
<b>Pasquotank</b>	17	203,305	7.5	4.3	12.2
<b>Edgecombe</b>	24	282,760	7.4	4.6	11.2
<b>Franklin</b>	24	303,095	7.4	4.7	11.2
<b>Stokes</b>	20	237,005	7.3	4.4	11.5
<b>Wilson</b>	31	406,170	7.1	4.7	10.2
<b>Robeson</b>	46	670,840	7.0	5.1	9.4
<b>Nash</b>	33	479,200	6.8	4.6	9.6
<b>McDowell</b>	17	224,980	6.7	3.8	11.0
<b>Burke</b>	30	454,560	6.4	4.3	9.2
<b>Alleghany</b>	*	55,775	*	*	*
<b>Washington</b>	*	66,140	*	*	*

<b>Jones</b>	*	50,765	*	*	*
<b>Bertie</b>	*	106,410	*	*	*
<b>Swain</b>	*	69,905	*	*	*
<b>Avery</b>	*	88,985	*	*	*
<b>Chowan</b>	*	73,965	*	*	*
<b>Caswell</b>	*	118,595	*	*	*
<b>Anson</b>	*	134,740	*	*	*
<b>Clay</b>	*	52,935	*	*	*
<b>Gates</b>	*	60,985	*	*	*
<b>Greene</b>	*	106,810	*	*	*
<b>Martin</b>	*	122,525	*	*	*
<b>Hertford</b>	*	123,345	*	*	*
<b>Madison</b>	*	103,820	*	*	*
<b>Northampton</b>	*	110,495	*	*	*
<b>Pamlico</b>	*	65,720	*	*	*
<b>Transylvania</b>	*	165,450	*	*	*
<b>Camden</b>	*	49,900	*	*	*
<b>Yancey</b>	*	89,090	*	*	*
<b>Warren</b>	*	104,860	*	*	*
<b>Polk</b>	*	102,550	*	*	*
<b>Currituck</b>	*	117,735	*	*	*
<b>Mitchell</b>	*	77,895	*	*	*
<b>Montgomery</b>	*	138,990	*	*	*
<b>Bladen</b>	*	175,950	*	*	*
<b>Vance</b>	*	227,110	*	*	*
<b>Graham</b>	*	44,305	*	*	*
<b>Hyde</b>	*	29,050	*	*	*
<b>Perquimans</b>	*	67,265	*	*	*
<b>Tyrrell</b>	*	22,035	*	*	*

<sup>a</sup> 95% confidence interval (CI) means that we are 95% confident that the true rate lies between the lower bound and upper bound of the CI. CIs are provided to illustrate how precise an estimate is; the wider the CI, the less precise the estimate and the more the estimate could vary.

\*Data for number of cases less than or equal to 16 are suppressed

Dark blue shading indicates county rates with 95% confidence intervals that do not overlap the confidence interval of the state rate and are considered higher than expected.

Light blue shading indicates county rates with 95% lower confidence limits that are equal to the 95% upper confidence limit of the state rate (11.9). These counties have 95% confidence intervals that have very small overlap with the confidence interval of the state rate.