



Table Highlights

Table 1

Dental hygienists of color comprise **3.4%** of practicing dental hygienists in North Carolina.

Table 2

To reach population parity, the number of:

- African American dental hygienists needs to increase from **115 to 827**;
- Native American and Hispanic/Latino dental hygienists needs to increase from **11 to 46**, and from **3 to 182**, respectively.

Table 3

The largest gap between practitioner and population exists among Hispanics/Latinos with a ratio of **1** Hispanic/Latino dental hygienist for every **126,321** Hispanics/Latinos.

Table 4

64 of North Carolina's **100** counties were without dental hygienists of color in 2001.

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In Practice: North Carolina's Dental Hygienists

	Total	White/Other		African American		Native American		Hispanic/Latino	
2001	3,866*	3,727	96.4%	115	3.0%	11	0.3%	3	0.1%
1998	3,395	3,271	96.4%	99	2.9%	11	0.3%	3	0.1%
1996	3,079	2,945	95.6%	83	2.7%	10	0.3%	3	0.1%
1994	2,838	2,751	97.0%	65	2.2%	8	0.3%	3	0.1%
1992	2,398	2,345	98.3%	48	2.0%	5	0.2%	–	–
1990	2,372	2,318	97.7%	49	2.1%	5	0.2%	–	–

Table 1

*Unknown = 10 (0.3%)

2000 Population Census Data compared to 2001 Practicing Dental Hygienists

Ethnic Group	Population	Percentage	Dental Hygienists	Percentage
White/Other	5,851,716	72.7%	3,727	96.4%
African American	1,723,301	21.4%	115	3.0%
Native American	95,333	1.2%	11	0.3%
Hispanic/Latino	378,963	4.7%	3	0.1%
TOTAL POPULATION	8,049,313**		3,866	
TOTAL MINORITY	2,197,597	27.3%	129	3.4%

Table 2

*Unknown = 10 (0.3%)
 ** 1% margin of error

2001 Practitioner to Population Ratio

1 dental hygienist for every	126,321	Hispanics/Latinos
1 dental hygienist for every	14,985	African Americans
1 dental hygienist for every	8,667	Native Americans
1 dental hygienist for every	1,570	White/Other Americans
1 dental hygienist for every	17,036	persons of color in North Carolina

Table 3

County ¹	Total Population ²	White/ Other	HYG	Ratio	AA	HYG	Ratio	NA	HYG	Ratio	HIS/LAT	HYG	Ratio
Alamance	130,800	97,221	63	1:1,543	24,356	2	1:12,178	388	0	0:388	8,835	0	0:8,835
Alexander	33,603	31,187	8	1:3,898	1,536	0	0:1,536	39	0	0:39	841	0	0:841
Alleghany	10,677	10,012	1	1:10,012	118	0	0:118	17	0	0:17	530	0	0:530
Anson	25,275	12,709	3	1:4,236	12,245	0	0:12,245	110	0	0:110	211	0	0:211
Ashe	24,384	23,599	6	1:3,933	155	0	0:155	40	0	0:40	590	0	0:590
Avery	17,167	16,121	4	1:4,030	598	0	0:598	35	0	0:35	413	0	0:413
Beaufort	44,958	30,413	16	1:1,901	13,021	0	0:13,021	69	0	0:69	1,455	0	0:1,455
Bertie	19,773	7,234	0	0:7,234	12,277	0	0:12,277	67	0	0:67	195	0	0:195
Bladen	32,278	18,292	5	1:3,658	12,170	0	0:12,170	618	0	0:618	1,198	0	0:1,198
Brunswick	73,143	60,251	29	1:2,078	10,459	0	0:10,459	473	0	0:473	1,960	0	0:1,960
Buncombe	206,330	184,542	135	1:1,367	15,310	0	0:15,310	748	0	0:748	5,730	0	0:5,730
Burke	89,148	79,802	28	1:2,850	5,953	0	0:5,953	213	0	0:213	3,180	0	0:3,180
Cabarrus	131,063	108,280	55	1:1,969	15,778	1	1:15,778	385	0	0:385	6,620	0	0:6,620
Caldwell	77,415	71,140	19	1:3,744	4,201	0	0:4,201	147	0	0:147	1,927	0	0:1,927
Camden	6,885	5,623	1	1:5,623	1,185	0	0:1,185	28	0	0:28	49	0	0:49
Carteret	59,383	53,976	36	1:1,499	4,121	0	0:4,121	251	0	0:251	1,035	0	0:1,035
Caswell	23,501	14,490	1	1:14,490	8,557	0	0:8,557	39	0	0:39	415	0	0:415
Catawba	141,685	121,746	71	1:1,715	11,751	1	1:11,751	302	0	0:302	7,886	0	0:7,886
Chatham	49,329	36,073	13	1:2,775	8,355	1	1:8,355	158	0	0:158	4,743	0	0:4,743
Cherokee	24,298	23,219	11	1:2,111	382	0	0:382	394	0	0:394	303	0	0:303
Chowan	14,526	8,850	5	1:1,770	5,415	0	0:5,415	42	0	0:42	219	0	0:219
Clay	8,775	8,605	5	1:1,721	70	0	0:70	27	0	0:27	73	0	0:73
Cleveland	96,287	74,707	47	1:1,590	20,010	1	1:20,010	137	0	0:137	1,433	0	0:1,433
Columbus	54,749	34,914	8	1:4,364	16,901	0	0:16,901	1,665	0	0:1,665	1,269	0	0:1,269
Craven	91,436	64,673	45	1:1,437	22,729	2	1:11,365	357	0	0:357	3,677	0	0:3,677
Cumberland	302,963	173,605	118	1:1,471	104,068	8	1:13,009	4,371	1	1:4,371	20,919	1	1:20,919
Currituck	18,190	16,541	1	1:16,541	1,314	0	0:1,314	74	0	0:74	261	0	0:261
Dare	29,967	28,432	13	1:2,187	793	0	0:793	76	0	0:76	666	0	0:666
Davidson	147,246	128,626	42	1:3,063	13,389	0	0:13,389	466	0	0:466	4,765	0	0:4,765
Davie	34,835	31,207	9	1:3,467	2,343	0	0:2,343	76	0	0:76	1,209	0	0:1,209
Duplin	49,063	27,431	15	1:1,829	14,116	0	0:14,116	90	0	0:90	7,426	0	0:7,426
Durham	223,314	118,228	104	1:1,137	87,516	14	1:6,251	531	0	0:531	17,039	0	0:17,039
Edgecombe	55,606	22,170	5	1:4,434	31,790	0	0:31,790	92	0	0:92	1,554	0	0:1,554
Forsyth	306,067	208,666	204	1:1,023	77,041	6	1:12,840	783	1	1:783	19,577	0	0:19,577
Franklin	47,260	30,854	12	1:2,571	14,124	0	0:14,124	182	0	0:182	2,100	0	0:2,100
Gaston	190,365	158,308	85	1:1,862	25,843	2	1:12,922	495	0	0:495	5,719	0	0:5,719

Table 4

table continued on next page

County ¹	Total Population ²	White/Other	HYG	Ratio	AA	HYG	Ratio	NA	HYG	Ratio	HIS/LAT	HYG	Ratio
Gates	10,516	6,281	0	0:6,281	4,113	0	0:4,113	41	0	0:41	81	0	0:81
Graham	7,993	7,377	3	1:2,459	15	0	0:15	541	0	0:541	60	0	0:60
Granville	48,498	29,498	13	1:2,269	16,854	1	1:16,854	195	0	0:195	1,951	0	0:1,951
Greene	18,974	9,631	6	1:1,605	7,792	0	0:7,792	40	0	0:40	1,511	0	0:1,511
Guilford	421,048	280,995	247	1:1,138	122,279	6	1:20,380	1,789	3	1:596	15,985	0	0:15,985
Halifax	57,370	24,995	12	1:2,083	30,018	1	1:30,018	1,778	0	0:1,778	579	0	0:579
Harnett	91,025	64,566	23	1:2,807	20,371	1	1:20,371	752	0	0:752	5,336	0	0:5,336
Haywood	54,033	52,345	35	1:1,496	674	0	0:674	251	0	0:251	763	0	0:763
Henderson	89,173	81,419	62	1:1,313	2,686	1	1:2,686	188	0	0:188	4,880	0	0:4,880
Hertford	22,601	8,608	4	1:2,152	13,375	0	0:13,375	264	0	0:264	354	0	0:354
Hoke	33,646	14,898	10	1:1,490	12,536	1	1:12,536	3,797	0	0:3,797	2,415	0	0:2,415
Hyde	5,826	3,639	0	0:3,639	2,038	0	0:2,038	18	0	0:18	131	0	0:131
Iredell	122,660	101,562	66	1:1,539	16,620	0	0:16,620	296	0	0:296	4,182	0	0:4,182
Jackson	33,121	28,694	13	1:2,207	547	0	0:547	3,303	0	0:3,303	577	0	0:577
Johnston	121,965	93,137	33	1:2,822	18,971	1	1:18,971	417	0	0:417	9,440	0	0:9,440
Jones	10,381	6,364	0	0:6,364	3,703	0	0:3,703	32	0	0:32	282	0	0:282
Lee	49,040	33,163	23	1:1,442	9,982	1	1:9,982	180	0	0:180	5,715	0	0:5,715
Lenoir	59,648	33,644	26	1:1,294	24,016	1	1:24,016	97	0	0:97	1,891	0	0:1,891
Lincoln	63,780	55,903	26	1:2,150	4,067	0	0:4,067	154	0	0:154	3,656	0	0:3,656
McDowell	42,151	39,109	18	1:2,173	1,716	0	0:1,716	112	0	0:112	1,214	0	0:1,214
Macon	29,811	28,925	15	1:1,928	353	0	0:353	79	0	0:79	454	0	0:454
Madison	19,635	19,159	3	1:6,386	160	0	0:160	50	0	0:50	266	0	0:266
Martin	25,593	13,453	5	1:2,691	11,542	0	0:11,542	70	0	0:70	528	0	0:528
Mecklenburg	695,454	456,050	499	1:914	192,403	20	1:9,620	2,130	0	0:2,130	44,871	1	1:44,871
Mitchell	15,687	15,320	10	1:1,532	33	0	0:33	23	0	0:23	311	0	0:311
Montgomery	26,822	18,144	11	1:1,649	5,805	0	0:5,805	76	0	0:76	2,797	0	0:2,797
Moore	74,769	59,775	46	1:1,299	11,527	1	1:11,527	486	0	0:486	2,981	1	1:2,981
Nash	87,420	54,540	36	1:1,515	29,505	0	0:29,505	346	0	0:346	2,939	0	0:2,939
New Hanover	160,307	129,449	127	1:1,019	27,001	1	1:27,001	581	1	1:581	3,276	0	0:3,276
Northampton	22,086	8,764	1	1:8,764	13,096	0	0:13,096	65	0	0:65	161	0	0:161
Onslow	150,355	111,326	79	1:1,409	27,162	4	1:6,791	971	0	0:971	10,896	0	0:10,896
Orange	118,227	96,391	77	1:1,252	16,175	5	1:3,235	388	0	0:388	5,273	0	0:5,273
Pamlico	12,934	9,530	4	1:2,383	3,167	0	0:3,167	66	0	0:66	171	0	0:171
Pasquotank	34,897	20,416	7	1:2,917	13,932	0	0:13,932	120	0	0:120	429	0	0:429
Pender	41,082	29,872	10	1:2,987	9,536	0	0:9,536	178	0	0:178	1,496	0	0:1,496
Perquimans	11,368	8,113	2	1:4,057	3,167	0	0:3,167	20	0	0:20	68	0	0:68

Table 4 (con't.)

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County ¹	Total Population ²	White/Other			AA			NA			HIS/LAT		
		Other	HYG	Ratio	AA	HYG	Ratio	NA	HYG	Ratio	HIS/LAT	HYG	Ratio
Person	35,623	24,644	5	1:4,929	10,018	1	1:10,018	215	0	0:215	746	0	0:746
Pitt	133,798	84,433	42	1:2,010	44,819	0	0:44,819	330	0	0:330	4,216	0	0:4,216
Polk	18,324	16,684	6	1:2,781	1,061	0	0:1,061	28	0	0:28	551	0	0:551
Randolph	130,454	114,006	51	1:2,235	7,259	0	0:7,259	543	0	0:543	8,646	0	0:8,646
Richmond	46,564	30,337	9	1:3,371	14,160	0	0:14,160	748	0	0:748	1,319	0	0:1,319
Robeson	123,339	40,059	23	1:1,742	30,827	2	1:15,414	46,459	4	1:11,615	5,994	0	0:5,994
Rockingham	91,928	70,954	36	1:1,971	17,922	1	1:17,922	227	0	0:227	2,825	0	0:2,825
Rowan	130,340	104,152	51	1:2,042	20,440	1	1:20,440	379	0	0:379	5,369	0	0:5,369
Rutherford	62,899	54,633	19	1:2,875	7,028	1	1:7,028	102	0	0:102	1,136	0	0:1,136
Sampson	60,161	34,784	15	1:2,319	17,871	1	1:17,871	1,029	0	0:1,029	6,477	0	0:6,477
Scotland	35,998	19,048	10	1:1,905	13,364	1	1:13,364	3,163	0	0:3,163	423	0	0:423
Stanly	58,100	50,084	16	1:3,130	6,641	0	0:6,641	138	0	0:138	1,237	0	0:1,237
Stokes	44,711	41,702	9	1:4,634	2,068	0	0:2,068	105	0	0:105	836	0	0:836
Surry	71,219	63,541	27	1:2,353	2,911	0	0:2,911	147	0	0:147	4,620	0	0:4,620
Swain	12,968	8,852	4	1:2,213	214	0	0:214	3,711	1	1:3,711	191	0	0:191
Transylvania	29,334	27,732	15	1:1,849	1,228	0	0:1,228	76	0	0:76	298	0	0:298
Tyrrell	4,149	2,358	0	0:2,358	1,633	0	0:1,633	8	0	0:8	150	0	0:150
Union	123,677	100,313	30	1:3,344	15,312	0	0:15,312	415	0	0:415	7,637	0	0:7,637
Vance	42,954	20,317	9	1:2,257	20,604	0	0:20,604	76	0	0:76	1,957	0	0:1,957
Wake	627,846	469,392	457	1:1,027	122,648	19	1:6,455	1,821	0	0:1,821	33,985	0	0:33,985
Warren	19,972	7,899	3	1:2,633	10,816	1	1:10,816	940	0	0:940	317	0	0:317
Washington	13,723	6,703	1	1:6,703	6,702	0	0:6,702	7	0	0:7	311	0	0:311
Watauga	42,695	41,305	19	1:2,174	673	0	0:673	95	0	0:95	622	0	0:622
Wayne	113,329	70,124	53	1:1,323	37,230	3	1:12,410	371	0	0:371	5,604	0	0:5,604
Wilkes	65,632	60,567	18	1:3,365	2,719	0	0:2,719	84	0	0:84	2,262	0	0:2,262
Wilson	73,814	40,327	20	1:2,016	28,886	1	1:28,886	144	0	0:144	4,457	0	0:4,457
Yadkin	36,348	32,717	11	1:2,974	1,219	0	0:1,219	55	0	0:55	2,357	0	0:2,357
Yancey	17,774	17,157	3	1:5,719	101	0	0:101	38	0	0:38	478	0	0:478

Table 4 (con't.)

Source: 2000 Census, General Population Characteristics, North Carolina Cecil G. Sheps Center for Health Services Research, UNC-Chapel Hill

- HYG = Dental Hygienists
- AA = African American
- NA = Native American
- HIS/LAT = Hispanic/Latino (of any race)

¹County population figures for the four races and ethnicities listed in the light gray regions include White/Other (includes Asian or Pacific Islander and those persons whom the Census Bureau classifies as Other race), Black (African American), American Indian, Eskimo or Aleut (Native American), and Hispanic/Latino (of any race). ²Total county population figures (dark gray region) may differ due to a 1% margin of error.