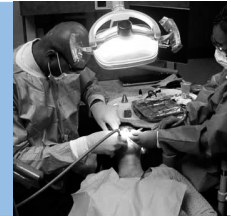


DATAline'09



Gauging minority presence in health care across North Carolina since 1988.

Nov. 2009/Report # 3

Table Highlights

Table 1

Data indicate that the number of Hispanic/Latino dentists practicing in North Carolina increased to **31** in 2007. The number of African American dentists, however, has grown **1.0%** since 2001.

Table 2

To reach population parity, the number of:

- African American dentists needs to increase from **306 to 838**.
- Native American and Hispanic/Latino dentists needs to increase from **18 to 45**, and from **31 to 277**, respectively.

Table 3

The largest *gap* between practitioner and population exists among Hispanics/Latinos with a ratio of **1** Hispanic/Latino dentists for every **20,595** Hispanics/Latinos.

Table 4

47 of North Carolina's **100** counties were without dentists of color in 2007.

Source: 2007 Census, General Population Characteristics, North Carolina and Cecil G. Sheps Center for Health Services Research, UNC



Produced by the
NC Health Careers Access Program
 University of North Carolina
 SASB Building South, Ste 3307
 Campus Box 8010
 Chapel Hill, NC 27599-8010
 PH: (919) 966-2264
 FAX: (919) 966-6109
<http://nchcap.unc.edu>

In Practice: North Carolina's Dentists

	Total	White/Other		African American		Native American		Hispanic/Latino	
2007	3,921	3,564	90.90%	306	7.8%	18	0.46%	31	0.79%
2001	3,314*	3,068	92.6%	226	6.8%	15	0.5%	2	0.10%
1998	3,037*	2,837	93.4%	186	6.1%	12	0.4%	—	—
1996	2,900	2,715	93.7%	167	5.7%	16	0.6%	—	—
1994	2,862	2,686	94.0%	160	5.5%	14	0.4%	—	—
1992	2,723	2,557	93.9%	157	5.8%	9	0.3%	—	—
1990	2,654	2,498	94.1%	146	5.5%	10	0.4%	—	—

Table 1

*Total includes unknown; 2007 (N=2); 2001 (N=3); 1998 (N=2)

2007 Population Census Data compared to 2007 Practicing Dentists

Ethnic Group	Population	Percentage	Dentists	Percentage
White/Other	6,384,294	70.46%	3,564	90.90%
African American	1,935,228	21.36%	306	7.80%
Native American	103,066	1.14%	18	0.46%
Hispanic/Latino	638,444	7.05%	31	0.79%
TOTAL POPULATION	9,061,032**		3,921*	
TOTAL MINORITY	2,676,738	29.54%	355	9.05%

Table 2

*Total includes unknown; 2007 (N=2)

* 1% margin of error

2007 Practitioner to Population Ratio

1 dentist for every	1,791	White/Other Americans
1 dentist for every	6,324	African Americans
1 dentist for every	5,726	Native Americans
1 dentist for every	20,595	Hispanics/Latinos
1 dentist for every	7,540	persons of color in North Carolina

Table 3

County ¹	Total Population ²	White/Other			AA			NA			HIS/LAT		
		DDSs	Ratio		DDSs	Ratio		DDSs	Ratio		DDSs	Ratio	
Alamance	145,360	102,147	60	1:1,717	26,923	7	1:3,846	467	0	0:467	15,823	1-4*	1:6,329
Alexander	36,396	32,922	6	1:5,487	2,220	0	0:2,220	69	0	0:69	1,185	0	0:1,185
Alleghany	10,915	9,814	1-4*	1:3,926	157	0	0:157	18	0	0:18	926	0	0:926
Anson	25,202	12,587	1-4*	1:5,035	12,126	1-4*	1:4,850	136	0	0:136	353	0	0:353
Ashe	25,531	24,363	5	1:4,873	227	0	0:227	42	0	0:42	899	0	0:899
Avery	17,776	16,126	6	1:2,688	939	0	0:939	43	0	0:43	668	0	0:668
Beaufort	45,771	31,190	18	1:1,733	12,586	0	0:12,586	74	0	0:74	1,921	0	0:1,921
Bertie	18,601	6,845	1-4*	1:2,738	11,417	0	0:11,417	71	0	0:71	268	0	0:268
Bladen	32,301	18,156	5	1:3,631	11,599	1-4*	1:4,640	677	0	0:677	1,869	0	0:1,869
Brunswick	99,214	82,889	28	1:2,960	11,992	0	0:11,992	621	0	0:621	3,712	1-4*	1:1,485
Buncombe	226,771	199,941	141	1:1,418	16,308	1-4*	1:6,523	869	0	0:869	9,653	0	0:9,653
Burke	88,975	78,255	32	1:2,445	5,902	1-4*	1:2,361	266	0	0:266	4,552	0	0:4,552
Cabarrus	163,262	125,098	47	1:2,662	23,677	3	1:7,892	518	0	0:518	13,969	1-4*	1:5,588
Caldwell	79,454	71,989	21	1:3,512	4,253	0	0:4,253	174	1-4*	1:70	3,038	0	0:3,038
Camden	9,490	7,732	0	0:7,732	1,561	0	0:1,561	30	0	0:30	167	0	0:167
Carteret	63,238	56,864	36	1:1,580	4,564	0	0:4,564	327	0	0:327	1,483	0	0:1,483
Caswell	23,261	14,781	1-4*	1:5,912	7,876	0	0:7,876	41	0	0:41	563	0	0:563
Catawba	155,646	128,842	71	1:1,828	12,939	1-4*	1:5,176	384	0	0:384	13,481	0	0:13,481
Chatham	61,455	45,175	18	1:2,581	8,281	1-4*	1:3,312	188	0	0:188	7,811	0	0:7,811
Cherokee	26,499	25,210	9	1:2,801	522	0	0:522	402	0	0:402	365	0	0:365
Chowan	14,635	9,085	1-4*	1:3,634	5,238	1-4*	1:2,095	38	0	0:38	274	0	0:274
Clay	10,238	9,888	1-4*	1:3,955	125	0	0:125	44	0	0:44	181	0	0:181
Cleveland	98,453	75,997	31	1:2,492	20,380	1-4*	1:8,152	168	0	0:168	1,908	0	0:1,908
Columbus	54,046	34,216	9	1:3,802	16,455	1-4*	1:6,582	1,747	0	0:1,747	1,628	0	0:1,628
Craven	96,746	69,758	42	1:1,661	22,995	0	0:22,995	410	0	0:410	3,583	0	0:3,583
Cumberland	306,518	172,237	99	1:1,740	111,081	24	1:4,628	4,459	0	0:4,459	18,741	1-4*	1:7,496
Currituck	23,960	21,556	1-4*	1:8,622	1,821	1-4*	1:728	75	0	0:75	508	0	0:508
Dare	33,776	31,483	21	1:1,499	1,053	0	0:1,053	95	0	0:95	1,145	0	0:1,145
Davidson	156,530	132,215	28	1:4,808	14,754	1-4*	1:5,902	508	0	0:508	9,053	0	0:9,053
Davie	40,516	35,155	10	1:3,516	2,769	0	0:2,769	85	0	0:85	2,507	0	0:2,507
Duplin	52,979	27,871	12	1:2,323	13,792	1-4*	1:5,517	115	0	0:115	11,201	0	0:11,201
Durham	256,500	130,307	134	1:976	95,098	32	1:2,972	667	1-4*	1:267	30,428	1-4*	1:12,171
Edgecombe	52,647	20,786	5	1:4,157	29,652	1-4*	1:11,861	130	0	0:130	2,079	0	0:2,079
Forsyth	338,774	217,465	172	1:1,264	85,393	14	1:6,100	1,042	0	0:1,042	34,874	0	0:34,874
Franklin	57,222	37,514	5	1:7,503	15,509	1-4*	1:6,204	218	0	0:218	3,981	0	0:3,981
Gaston	202,535	161,741	70	1:2,311	29,228	7	1:4,175	549	0	0:549	11,017	0	0:11,017

Table 4 (con't.)

table continued on next page

County ¹	Total Population ²	White/Other			AA			NA			HIS/		
		DDSs	Ratio		DDSs	Ratio		DDSs	Ratio		DDSs	Ratio	
Gates	11,737	7,403	0	0:7,403	4,150	0	0:4,150	49	0	0:49	135	0	0:135
Graham	7,858	7,120	1-4*	1:2,848	40	0	0:40	605	0	0:605	93	0	0:93
Granville	55,045	32,998	10	1:3,300	18,384	1-4*	1:7,354	235	0	0:235	3,428	0	0:3,428
Greene	20,405	9,843	6	1:1,641	8,077	0	0:8,077	59	0	0:59	2,426	0	0:2,426
Guilford	465,931	291,159	216	1:1,351	144,655	26	1:5,564	2,191	1-4*	1:876	27,926	1-4*	1:11,170
Halifax	55,060	23,170	14	1:1,655	29,404	1-4*	1:11,762	1,833	0	0:1,833	653	0	0:653
Harnett	108,721	74,943	15	1:4,996	24,005	1-4*	1:9,602	861	0	0:861	8,912	0	0:8,912
Haywood	56,430	54,186	24	1:2,258	844	0	0:844	318	0	0:318	1,082	0	0:1,082
Henderson	100,810	88,884	47	1:1,891	3,185	0	0:3,185	242	0	0:242	8,499	0	0:8,499
Hertford	23,206	8,436	7	1:1,205	14,050	1-4*	1:5,620	275	1-4*	1:110	445	0	0:445
Hoke	42,422	19,428	1-4*	1:7,771	14,665	1-4*	1:5,866	3,894	0	0:3,894	4,435	0	0:4,435
Hyde	5,172	3,180	0	0:3,180	1,822	0	0:1,822	21	0	0:21	149	0	0:149
Iredell	151,445	124,155	66	1:1,881	18,645	1-4*	1:7,458	380	0	0:380	8,265	1-4*	1:3,306
Jackson	36,751	31,511	19	1:1,703	876	0	0:876	3,587	0	0:3,587	777	0	0:777
Johnston	157,437	115,056	29	1:4,037	24,695	1-4*	1:9,878	572	0	0:572	17,114	0	0:17,114
Jones	10,127	6,334	1-4*	1:2,534	3,382	0	0:3,382	35	0	0:35	376	0	0:376
Lee	57,973	36,879	16	1:2,379	11,575	1-4*	1:4,630	237	0	0:237	9,282	0	0:9,282
Lenoir	56,761	30,907	23	1:1,344	23,073	1-4*	1:9,229	107	0	0:107	2,674	0	0:2,674
Lincoln	73,106	62,059	19	1:3,266	4,566	0	0:4,566	189	0	0:189	6,292	0	0:6,292
Macon	32,608	31,084	19	1:1,680	508	0	0:508	101	0	0:101	915	0	0:915
Madison	20,309	19,649	1-4*	1:7,860	250	0	0:250	53	0	0:53	357	0	0:357
Martin	23,598	12,436	1-4*	1:4,974	10,399	1-4*	1:4,160	72	0	0:72	691	0	0:691
McDowell	43,537	39,781	10	1:3,978	1,724	0	0:1,724	124	0	0:124	1,908	0	0:1,908
Mecklenburg	867,067	521,695	490	1:1,065	253,546	49	1:5,174	3,278	1-4*	1:1,311	88,548	8	1:11,069
Mitchell	15,786	15,132	7	1:2,162	98	0	0:98	36	0	0:36	520	0	0:520
Montgomery	27,451	17,782	5	1:3,556	5,368	0	0:5,368	87	0	0:87	4,214	0	0:4,214
Moore	84,435	66,879	51	1:1,311	12,195	1-4*	1:4,878	610	0	0:610	4,751	0	0:4,751
Nash	92,949	54,215	38	1:1,427	34,247	1-4*	1:13,699	399	1-4*	1:160	4,088	1-4*	1:1,635
New Hanover	190,432	153,606	129	1:1,191	29,766	1-4*	1:11,906	732	1-4*	1:293	6,328	0	0:6,328
Northampton	20,830	8,484	1-4*	1:3,394	12,053	0	0:12,053	67	0	0:67	226	0	0:226
Onslow	162,745	123,879	54	1:2,294	27,238	1-4*	1:10,895	962	0	0:962	10,666	1-4*	1:4,266
Orange	124,313	100,000	131	1:766	16,435	12	1:1,370	468	0	0:468	7,410	1-4*	1:2,964
Pamlico	12,577	9,462	6	1:1,577	2,855	0	0:2,855	75	0	0:75	185	0	0:185
Pasquotank	40,543	24,065	10	1:2,407	15,469	1-4*	1:6,188	134	0	0:134	875	0	0:875
Pender	49,865	37,616	9	1:4,180	9,611	0	0:9,611	201	0	0:201	2,437	0	0:2,437
Perquimans	12,498	9,182	1-4*	1:3,673	3,141	0	0:3,141	25	0	0:25	150	0	0:150

Table 4

table continued on next page

County ¹	Total Population ²	White/Other			AA			NA			HIS/LAT		
		DDSs	Ratio		DDSs	Ratio		DDSs	Ratio		DDSs	Ratio	
Person	37,356	25,592	9	1:2,844	10,457	0	0:10,457	216	0	0:216	1,091	0	0:1,091
Pitt	152,068	94,022	55	1:1,709	50,821	7	1:7,260	437	0	0:437	6,788	1-4*	1:2,715
Polk	19,036	17,163	7	1:2,452	1,045	0	0:1,045	48	0	0:48	780	0	0:780
Randolph	140,145	117,344	33	1:3,556	7,959	0	0:7,959	606	0	0:606	14,236	0	0:14,236
Richmond	45,985	29,134	14	1:2,158	14,104	0	0:14,104	832	0	0:832	1,915	0	0:1,915
Robeson	128,149	39,514	18	1:2,195	31,155	0	0:31,155	47,041	5	1:9,408	10,439	0	0:10,439
Rockingham	92,421	69,989	20	1:3,499	17,638	1-4*	1:7,055	255	0	0:255	4,539	0	0:4,539
Rowan	137,383	107,152	47	1:2,304	21,135	1-4*	1:8,454	414	0	0:414	8,682	0	0:8,682
Rutherford	63,012	54,613	14	1:3,901	6,938	1-4*	1:2,775	120	0	0:120	1,341	0	0:1,341
Sampson	63,641	34,705	7	1:4,958	17,949	1-4*	1:7,180	1,103	1-4*	1:441	9,884	0	0:9,884
Scotland	36,364	18,672	7	1:2,667	13,825	1-4*	1:5,530	3,414	1-4*	1:1,366	453	0	0:453
Stanly	59,195	50,150	17	1:2,950	6,943	0	0:6,943	151	0	0:151	1,951	0	0:1,951
Stokes	46,072	42,715	7	1:6,102	2,191	0	0:2,191	115	0	0:115	1,051	0	0:1,051
Surry	72,380	62,825	24	1:2,618	2,851	0	0:2,851	172	0	0:172	6,532	0	0:6,532
Swain	13,643	9,582	1-4*	1:3,833	299	0	0:299	3,471	0	0:3,471	291	0	0:291
Transylvania	29,984	28,050	10	1:2,805	1,432	0	0:1,432	91	0	0:91	411	0	0:411
Tyrrell	4,121	2,142	0	0:2,142	1,656	0	0:1,656	9	0	0:9	314	0	0:314
Union	184,675	144,082	38	1:3,792	22,164	6	1:3,694	568	0	0:568	17,861	0	0:17,861
Vance	42,992	19,190	11	1:1,828	21,046	1-4*	1:8,418	99	0	0:99	2,657	0	0:2,657
Wake	832,970	591,208	504	1:1,173	168,330	43	1:3,915	3,154	1-4*	1:1,262	70,278	1-4*	1:28,111
Warren	19,410	7,625	1-4*	1:3,050	10,373	1-4*	1:4,149	954	0	0:954	458	0	0:458
Washington	12,915	6,068	1-4*	1:2,427	6,441	0	0:6,441	7	0	0:7	399	0	0:399
Watauga	44,541	42,572	27	1:1,577	955	0	0:955	113	0	0:113	901	1-4*	1:360
Wayne	113,590	68,464	39	1:1,755	36,975	1-4*	1:14,790	421	0	0:421	7,730	0	0:7,730
Wilkes	66,844	60,396	17	1:3,660	2,774	0	0:2,774	97	0	0:97	3,577	1-4*	1:1,431
Wilson	76,754	40,095	24	1:1,706	29,875	1-4*	1:11,950	172	0	0:172	6,612	0	0:6,612
Yadkin	37,797	33,150	5	1:6,630	1,301	0	0:1,301	63	0	0:63	3,283	0	0:3,283
Yancey	18,456	17,282	1-4*	1:6,913	188	0	0:188	42	0	0:42	944	0	0:944

Table 4 (con't.)

* Represents a cell size greater than zero and less than five. For analysis purposes, a conservative estimate of 2.5 was used.

DDSs = Dentists (Doctor of Dental Science)

AA = African American

NA = Native American

HIS/LAT = Hispanic/Latino (of any race)

Data include all active, in-state DDSs in North Carolina as of October 31, 2007. Race is self-reported by the DDSs at time of initial application or subsequent renewals.

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.