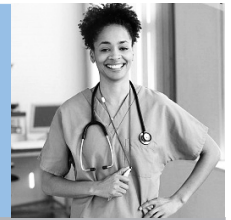


# DATAline'09



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

Nov. 2009/Report # 5

## Table Highlights

### Table 1

Nurse Practitioners (NPs) of color represent **7.8%** of practicing NPs in North Carolina.

### Table 2

To reach population parity, the number of:

- African American nurse practitioners needs to increase from **168 to 627**.
- Hispanic/Latino nurse practitioners needs to increase from **29 to 207**.
- Native American nurse practitioners needs to increase by **3**.

### Table 3

The largest *gap* between practitioner and population exists among Hispanics/Latinos with a ratio of **1** Hispanic/Latino nurse practitioner for every **22,015** Hispanics/Latinos.

### Table 4

**53** of North Carolina's **100** counties were without nurse practitioners of color in 2007.

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



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## In Practice: North Carolina's Nurse Practitioners

	Total	White/Other		African American		Native American		Hispanic/Latino	
<b>2007</b>	<b>2,933*</b>	<b>2,508</b>	<b>85.51%</b>	<b>168</b>	<b>5.73%</b>	<b>31</b>	<b>1.06%</b>	<b>29</b>	<b>0.99%</b>
2001	1,845*	1,466	79.5%	74	4.0%	190	10.3%	--	--
1998	No Data	--	--	--	--	--	--	--	--
1996	--	--	--	--	--	--	--	--	--
1994	--	--	--	--	--	--	--	--	--
1992	--	--	--	--	--	--	--	--	--
1990	--	--	--	--	--	--	--	--	--

Table 1

\*Total includes unknown; 2007 (N=19); 2001 (N=106)

## 2007 Population Census Data compared to 2007 Practicing Nurse Practitioners

Ethnic Group	Population	Percentage	Nurse Practitioner	Percentage
White/Other	6,384,294	70.46%	2,508	85.51%
African American	1,935,228	21.36%	168	5.73%
Native American	103,066	1.14%	31	1.06%
Hispanic/Latino	638,444	7.05%	29	0.99%
<b>TOTAL POPULATION</b>	<b>9,061,032**</b>		<b>2,933*</b>	
<b>TOTAL MINORITY</b>	<b>2,676,738</b>	<b>29.54%</b>	<b>228</b>	<b>7.77%</b>

Table 2

\*Total includes unknown; 2007 (N=197)

\*\* 1% margin of error

## 2007 Practitioner to Population Ratio

1 nurse practitioner for every	2,546	White/Other Americans
1 nurse practitioner for every	11,519	African Americans
1 nurse practitioner for every	3,325	Native Americans
1 nurse practitioner for every	22,015	Hispanics/Latinos
<b>1 nurse practitioner for every</b>	<b>11,740</b>	<b>persons of color in North Carolina</b>

Table 3

County <sup>1</sup>	Total Population <sup>2</sup>	White/Other			AA			NA			HIS/LAT		
		NPs	Ratio		NPs	Ratio		NPs	Ratio		NPs	Ratio	
Alamance	145,360	102,147	27	1:3,783	26,923	1-4*	1:10,769	467	0	0:467	15,823	0	0:15,823
Alexander	36,396	32,922	1-4*	1:13,169	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	1-4*	1:267
Beaufort	45,771	31,190	11	1:2,835	12,586	1-4*	1:5,034	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	1-4*	1:7,262	11,599	0	0:11,599	677	0	0:677	1,869	0	0:1,869
Brunswick	99,214	82,889	18	1:4,737	11,992	1-4*	1:4,797	621	0	0:621	3,712	0	0:3,712
Buncombe	226,771	199,941	115	1:1,739	16,308	0	0:16,308	869	0	0:869	9,653	0	0:9,653
Burke	88,975	78,255	17	1:4,603	5,902	0	0:5,902	266	0	0:266	4,552	0	0:4,552
Cabarrus	163,262	125,098	38	1:3,336	23,677	1-4*	1:9,471	518	1-4*	1:207	13,969	1-4*	1:5,588
Caldwell	79,454	71,989	14	1:5,142	4,253	0	0:4,253	174	0	0:174	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	24	1:2,369	4,564	1-4*	1:1,826	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	64	1:2,029	12,939	1-4*	1:5,176	384	0	0:384	13,481	1-4*	1:5,392
Chatham	61,455	45,175	12	1:3,765	8,281	0	0:8,281	188	1-4*	1:75	7,811	1-4*	1:3,124
Cherokee	26,499	25,210	1-4*	1:10,084	522	0	0:522	402	0	0:402	365	0	0:365
Chowan	14,635	9,085	1-4*	1:3,634	5,238	0	0:5,238	38	0	0:38	274	0	0:274
Clay	10,238	9,888	5	1:1,978	125	0	0:125	44	0	0:44	181	0	0:181
Cleveland	98,453	75,997	25	1:3,040	20,380	1-4*	1:8,152	168	1-4*	1:67	1,908	0	0:1,908
Columbus	54,046	34,216	9	1:3,802	16,455	1-4*	1:6,582	1,747	1-4*	1:699	1,628	0	0:1,628
Craven	96,746	69,758	21	1:3,322	22,995	1-4*	1:9,198	410	0	0:410	3,583	0	0:3,583
Cumberland	306,518	172,237	66	1:2,630	111,081	12	1:9,257	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	0	0:1,821	75	0	0:75	508	0	0:508
Dare	33,776	31,483	12	1:2,738	1,053	0	0:1,053	95	0	0:95	1,145	0	0:1,145
Davidson	156,530	132,215	19	1:6,959	14,754	1-4*	1:5,902	508	0	0:508	9,053	1-4*	1:3,621
Davie	40,516	35,155	6	1:5,859	2,769	0	0:2,769	85	0	0:85	2,507	0	0:2,507
Duplin	52,979	27,871	14	1:1,991	13,792	1-4*	1:5,517	115	0	0:115	11,201	0	0:11,201
Durham	256,500	130,307	234	1:553	95,098	20	1:4,755	667	1-4*	1:267	30,428	1-4*	1:12,171
Edgecombe	52,647	20,786	5	1:4,157	29,652	0	0:29,652	130	0	0:130	2,079	0	0:2,079
Forsyth	338,774	217,465	144	1:1,510	85,393	22	1:3,882	1,042	0	0:1,042	34,874	0	0:34,874
Franklin	57,222	37,514	1-4*	1:15,006	15,509	0	0:15,509	218	0	0:218	3,981	0	0:3,981
Gaston	202,535	161,741	39	1:4,201	29,228	1-4*	1:11,691	549	1-4*	1:220	11,017	1-4*	1:4,407

Table 4 (con't.)

table continued on next page

County <sup>1</sup>	Total Population <sup>2</sup>	White/Other			AA			NA			HIS/		
		NPs	Ratio		NPs	Ratio		NPs	Ratio		NPs	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	7	1:4,714	18,384	1-4*	1:7,354	235	0	0:235	3,428	0	0:3,428
Greene	20,405	9,843	1-4*	1:3,937	8,077	0	0:8,077	59	0	0:59	2,426	0	0:2,426
Guilford	465,931	291,159	154	1:1,891	144,655	19	1:7,613	2,191	1-4*	1:876	27,926	1-4*	1:11,170
Halifax	55,060	23,170	6	1:3,862	29,404	1-4*	1:11,762	1,833	0	0:1,833	653	0	0:653
Harnett	108,721	74,943	6	1:12,491	24,005	1-4*	1:9,602	861	1-4*	1:344	8,912	0	0:8,912
Haywood	56,430	54,186	15	1:3,737	844	0	0:844	318	0	0:318	1,082	0	0:1,082
Henderson	100,810	88,884	35	1:2,540	3,185	0	0:3,185	242	0	0:242	8,499	0	0:8,499
Hertford	23,206	8,436	1-4*	1:3,374	14,050	1-4*	1:5,620	275	0	0:275	445	0	0:445
Hoke	42,422	19,428	5	1:3,886	14,665	1-4*	1:5,866	3,894	0	0:3,894	4,435	0	0:4,435
Hyde	5,172	3,180	5	1:636	1,822	0	0:1,822	21	0	0:21	149	0	0:149
Iredell	151,445	124,155	33	1:3,762	18,645	1-4*	1:7,458	380	1-4*	1:152	8,265	1-4*	1:3,306
Jackson	36,751	31,511	12	1:2,626	876	0	0:876	3,587	0	0:3,587	777	0	0:777
Johnston	157,437	115,056	23	1:5,114	24,695	0	0:24,695	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	1-4*	1:14	376	0	0:376
Lee	57,973	36,879	11	1:3,353	11,575	0	0:11,575	237	0	0:237	9,282	0	0:9,282
Lenoir	56,761	30,907	7	1:4,415	23,073	1-4*	1:9,229	107	0	0:107	2,674	0	0:2,674
Lincoln	73,106	62,059	6	1:10,343	4,566	0	0:4,566	189	0	0:189	6,292	0	0:6,292
Macon	32,608	31,084	7	1:4,441	508	0	0:508	101	0	0:101	915	0	0:915
Madison	20,309	19,649	5	1:3,930	250	0	0:250	53	0	0:53	357	0	0:357
Martin	23,598	12,436	1-4*	1:4,974	10,399	0	0:10,399	72	0	0:72	691	0	0:691
McDowell	43,537	39,781	9	1:4,420	1,724	1-4*	1:690	124	0	0:124	1,908	0	0:1,908
Mecklenburg	867,067	521,695	281	1:1,857	253,546	21	1:12,074	3,278	1-4*	1:1,311	88,548	1-4*	1:35,419
Mitchell	15,786	15,132	5	1:3,026	98	0	0:98	36	1-4*	1:14	520	0	0:520
Montgomery	27,451	17,782	1-4*	1:7,113	5,368	0	0:5,368	87	0	0:87	4,214	0	0:4,214
Moore	84,435	66,879	24	1:2,787	12,195	1-4*	1:4,878	610	0	0:610	4,751	0	0:4,751
Nash	92,949	54,215	12	1:4,518	34,247	1-4*	1:13,699	399	0	0:399	4,088	1-4*	1:1,635
New Hanover	190,432	153,606	94	1:1,643	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	39	1:3,218	27,238	1-4*	1:10,895	962	0	0:962	10,666	1-4*	1:4,266
Orange	124,313	100,000	127	1:787	16,435	1-4*	1:6,574	468	1-4*	1:187	7,410	1-4*	1:2,964
Pamlico	12,577	9,462	1-4*	1:3,785	2,855	0	0:2,855	75	0	0:75	185	0	0:185
Pasquotank	40,543	24,065	9	1:2,674	15,469	0	0:15,469	134	0	0:134	875	0	0:875
Pender	49,865	37,616	5	1:7,523	9,611	0	0:9,611	201	0	0:201	2,437	0	0:2,437
Perquimans	12,498	9,182	0	0:9,182	3,141	0	0:3,141	25	0	0:25	150	0	0:150

Table 4

table continued on next page

County <sup>1</sup>	Total Population <sup>2</sup>	White/Other			AA			NA			HIS/LAT		
		NPs	Ratio		NPs	Ratio		NPs	Ratio		NPs	Ratio	
Person	37,356	25,592	5	1:5,118	10,457	0	0:10,457	216	0	0:216	1,091	0	0:1,091
Pitt	152,068	94,022	99	1:950	50,821	7	1:7,260	437	0	0:437	6,788	0	0:6,788
Polk	19,036	17,163	5	1:3,433	1,045	1-4*	1:418	48	0	0:48	780	0	0:780
Randolph	140,145	117,344	13	1:9,026	7,959	1-4*	1:3,184	606	0	0:606	14,236	1-4*	1:5,694
Richmond	45,985	29,134	10	1:2,913	14,104	0	0:14,104	832	0	0:832	1,915	0	0:1,915
Robeson	128,149	39,514	21	1:1,882	31,155	1-4*	1:12,462	47,041	6	1:7,840	10,439	1-4*	1:4,176
Rockingham	92,421	69,989	9	1:7,777	17,638	1-4*	1:7,055	255	1-4*	1:102	4,539	0	0:4,539
Rowan	137,383	107,152	21	1:5,102	21,135	1-4*	1:8,454	414	0	0:414	8,682	0	0:8,682
Rutherford	63,012	54,613	15	1:3,766	6,938	0	0:6,938	120	0	0:120	1,341	0	0:1,341
Sampson	63,641	34,705	8	1:4,338	17,949	0	0:17,949	1,103	0	0:1,103	9,884	0	0:9,884
Scotland	36,364	18,672	9	1:2,075	13,825	0	0:13,825	3,414	1-4*	1:1,366	453	0	0:453
Stanly	59,195	50,150	11	1:4,559	6,943	0	0:6,943	151	0	0:151	1,951	0	0:1,951
Stokes	46,072	42,715	8	1:5,339	2,191	0	0:2,191	115	0	0:115	1,051	0	0:1,051
Surry	72,380	62,825	20	1:3,222	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	1-4*	1:1,388	291	0	0:291
Transylvania	29,984	28,050	1-4*	1:11,220	1,432	0	0:1,432	91	0	0:91	411	0	0:411
Tyrrell	4,121	2,142	1-4*	1:857	1,656	0	0:1,656	9	0	0:9	314	0	0:314
Union	184,675	144,082	22	1:6,701	22,164	1-4*	1:8,866	568	0	0:568	17,861	0	0:17,861
Vance	42,992	19,190	5	1:3,838	21,046	1-4*	1:8,418	99	0	0:99	2,657	0	0:2,657
Wake	832,970	591,208	220	1:2,687	168,330	18	1:9,352	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	0	0:10,373	954	0	0:954	458	0	0:458
Washington	12,915	6,068	0	0:6,068	6,441	0	0:6,441	7	0	0:7	399	0	0:399
Watauga	44,541	42,572	20	1:2,129	955	0	0:955	113	0	0:113	901	0	0:901
Wayne	113,590	68,464	25	1:2,794	36,975	0	0:36,975	421	1-4*	1:168	7,730	1-4*	1:3,092
Wilkes	66,844	60,396	16	1:3,897	2,774	0	0:2,774	97	0	0:97	3,577	0	0:3,577
Wilson	76,754	40,095	17	1:2,430	29,875	0	0:29,875	172	0	0:172	6,612	0	0:6,612
Yadkin	37,797	33,150	6	1:5,525	1,301	0	0:1,301	63	0	0:63	3,283	0	0:3,283
Yancey	18,456	17,282	10	1:1,819	188	0	0:188	42	0	0:42	944	0	0:944

Table 4 (cont.)

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

NPs = Nurse practitioners

AA = African American

NA = Native American

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

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

<sup>1</sup>County 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). <sup>2</sup>Total county population figures (dark gray region) may differ due to a 1% margin of error.