

# DATAline '03 Rx

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

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## Table Highlights

### Table 1

Registered pharmacists (RPHs) of color represent only **4.0%** of practicing pharmacists in North Carolina.

### Table 2

To reach population parity, the number of:

- African American pharmacists needs to increase from **242 to 1,511**;
- Native American and Hispanic/Latino pharmacists needs to increase from **27 to 85**, and from **12 to 332**, respectively.

### Table 3

The largest gap between practitioner and population exists among Hispanics/Latinos with a ratio of **1** Hispanic/Latino pharmacist for **every 189,482** Hispanic/Latino people.

### Table 4

**59** of North Carolina's **100** counties were without pharmacists of color in 2001.

Produced by the  
**North Carolina Health Careers Access Program**  
 University of North Carolina  
 at Chapel Hill  
 301 Pittsboro Street, Suite 351  
 Campus Box 8010  
 Chapel Hill, NC 27599-8010

☎ (919) 966-2264  
 FAX: (919) 966-6109

## In Practice: North Carolina's Pharmacists

	Total	White/Other		African American		Native American		Hispanic/Latino	
<b>2001</b>	<b>7,060</b>	<b>6,779</b>	<b>96.0%</b>	<b>242</b>	<b>3.4%</b>	<b>27</b>	<b>0.4%</b>	<b>12</b>	<b>0.2%</b>
<b>1998</b>	<b>6,497</b>	<b>6,289</b>	<b>96.8%</b>	<b>172</b>	<b>2.6%</b>	<b>25</b>	<b>0.4%</b>	<b>11</b>	<b>0.2%</b>
<b>1996</b>	<b>6,172</b>	5,981	96.8%	157	2.5%	23	0.4%	11	0.2%
<b>1994</b>	<b>5,883</b>	5,710	97.1%	144	2.4%	17	0.3%	12	0.2%
<b>1992</b>	<b>5,361</b>	5,208	97.2%	136	2.5%	17	0.3%	–	–
<b>1990</b>	<b>5,210</b>	5,068	97.3%	126	2.4%	16	0.3%	–	–

Table 1

## 2000 Population Census Data compared to 2001 Practicing Pharmacists

Ethnic Group	Population	Percentage	Pharmacists	Percentage
White/Other	5,851,716	72.7%	<b>6,779</b>	<b>96.0%</b>
African American	1,723,301	21.4%	<b>242</b>	<b>3.4%</b>
Native American	95,333	1.2%	<b>27</b>	<b>0.4%</b>
Hispanic/Latino	378,963	4.7%	<b>12</b>	<b>0.2%</b>
<b>TOTAL POPULATION</b>	<b>8,049,313**</b>		<b>7,060</b>	
<b>TOTAL MINORITY</b>	<b>2,197,597</b>	<b>27.3%</b>	<b>281</b>	<b>4.0%</b>

Table 2

\*\* 1% margin of error

## 2001 Practitioner to Population Ratio

1 pharmacist for every	<b>31,580</b>	Hispanics/Latinos
1 pharmacist for every	<b>7,121</b>	African Americans
1 pharmacist for every	<b>3,531</b>	Native Americans
1 pharmacist for every	<b>863</b>	White/Other Americans
<b>1 pharmacist for every</b>	<b>7,821</b>	<b>persons of color in North Carolina</b>

Table 3

County <sup>1</sup>	Total Population <sup>2</sup>	White/ Other	RPHs	Ratio	AA	RPHs	Ratio	NA	RPHs	Ratio	HIS/LAT	RPHs	Ratio
Alamance	130,800	97,221	95	1:1,023	24,356	5	1:4,871	388	0	0:388	8,835	0	0:8,835
Alexander	33,603	31,187	15	1:2,079	1,536	0	0:1,536	39	0	0:39	841	0	0:841
Alleghany	10,677	10,012	5	1:2,002	118	0	0:118	17	0	0:17	530	0	0:530
Anson	25,275	12,709	10	1:1,271	12,245	0	0:12,245	110	0	0:110	211	0	0:211
Ashe	24,384	23,599	14	1:1,686	155	0	0:155	40	0	0:40	590	0	0:590
Avery	17,167	16,121	16	1:1,008	598	0	0:598	35	0	0:35	413	0	0:413
Beaufort	44,958	30,413	28	1:1,086	13,021	1	1:3,021	69	0	0:69	1,455	0	0:1,455
Bertie	19,773	7,234	9	1:804	12,277	1	1:2,277	67	0	0:67	195	0	0:195
Bladen	32,278	18,292	13	1:1,407	12,170	0	0:2,170	618	0	0:618	1,198	0	0:1,198
Brunswick	73,143	60,251	57	1:1,057	10,459	0	0:10,459	473	0	0:473	1,960	0	0:1,960
Buncombe	206,330	184,542	221	1:835	15,310	1	1:5,310	748	0	0:748	5,730	1	1:5,730
Burke	89,148	79,802	77	1:1,036	5,953	2	1:2,977	213	0	0:213	3,180	0	0:3,180
Cabarrus	131,063	108,280	119	1:910	15,778	4	1:3,945	385	0	0:385	6,620	0	0:6,620
Caldwell	77,415	71,140	35	1:2,033	4,201	1	1:4,201	147	0	0:147	1,927	0	0:1,927
Camden	6,885	5,623	0	0:5,623	1,185	0	0:1,185	28	0	0:28	49	0	0:49
Carteret	59,383	53,976	44	1:1,227	4,121	1	1:4,121	251	0	0:251	1,035	0	0:1,035
Caswell	23,501	14,490	7	1:2,070	8,557	0	0:8,557	39	0	0:39	415	0	0:415
Catawba	141,685	121,746	118	1:1,032	11,751	0	0:11,751	302	0	0:302	7,886	0	0:7,886
Chatham	49,329	36,073	21	1:1,718	8,355	1	1:8,355	158	0	0:158	4,743	0	0:4,743
Cherokee	24,298	23,219	23	1:1,010	382	0	0:382	394	0	0:394	303	0	0:303
Chowan	14,526	8,850	9	1:983	5,415	1	1:5,415	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	59	1:1,266	20,010	2	1:10,005	137	0	0:137	1,433	0	0:1,433
Columbus	54,749	34,914	57	1:613	16,901	0	0:16,901	1,665	0	0:1,665	1,269	0	0:1,269
Craven	91,436	64,673	54	1:1,198	22,729	2	1:11,365	357	0	0:357	3,677	1	1:3,677
Cumberland	302,963	173,605	161	1:1,078	104,068	15	1:6,938	4,371	0	0:4,371	20,919	1	1:20,919
Currituck	18,190	16,541	2	1:8,271	1,314	0	0:1,314	74	0	0:74	261	0	0:261
Dare	29,967	28,432	22	1:1,292	793	0	0:793	76	0	0:76	666	0	0:666
Davidson	147,246	128,626	80	1:1,608	13,389	3	1:4,463	466	0	0:466	4,765	0	0:4,765
Davie	34,835	31,207	17	1:1,836	2,343	0	0:2,343	76	0	0:76	1,209	0	0:1,209
Duplin	49,063	27,431	26	1:1,055	14,116	0	0:14,116	90	0	0:90	7,426	0	0:7,426
Durham	223,314	118,228	621	1:190	87,516	28	1:3,126	531	2	1:266	17,039	0	0:17,039
Edgecombe	55,606	22,170	20	1:1,109	31,790	1	1:31,790	92	0	0:92	1,554	0	0:1,554
Forsyth	306,067	208,666	366	1:570	77,041	11	1:7,004	783	0	0:783	19,577	0	0:19,577
Franklin	47,260	30,854	17	1:1,815	14,124	0	0:14,124	182	0	0:182	2,100	0	0:2,100
Gaston	190,365	158,308	132	1:1,199	25,843	13	1:1,988	495	0	0:495	5,719	0	0:5,719

Table 4

table continued on next page

County <sup>1</sup>	Total Population <sup>2</sup>	White/Other	RPHs	Ratio	AA	RPHs	Ratio	NA	RPHs	Ratio	HIS/LAT	RPHs	Ratio
Gates	10,516	6,281	1	1:6,281	4,113	0	0:4,113	41	0	0:41	81	0	0:81
Graham	7,993	7,377	4	1:1,844	15	0	0:15	541	0	0:541	60	0	0:60
Granville	48,498	29,498	37	1:797	16,854	1	1:16,854	195	0	0:195	1,951	0	0:1,951
Greene	18,974	9,631	3	1:3,210	7,792	0	0:7,792	40	0	0:40	1,511	0	0:1,511
Guilford	421,048	280,995	391	1:719	122,279	23	1:5,316	1,789	0	0:1,789	15,985	2	1:7,993
Halifax	57,370	24,995	36	1:694	30,018	0	0:30,018	1,778	1	1:1,778	579	0	0:579
Harnett	91,025	64,566	60	1:1,076	20,371	1	1:20,371	752	0	0:752	5,336	0	0:5,336
Haywood	54,033	52,345	40	1:1,309	674	0	0:674	251	0	0:251	763	0	0:763
Henderson	89,173	81,419	69	1:1,180	2,686	0	0:2,686	188	0	0:188	4,880	0	0:4,880
Hertford	22,601	8,608	19	1:453	13,375	1	1:13,375	264	1	1:264	354	0	0:354
Hoke	33,646	14,898	12	1:1,242	12,536	1	1:12,536	3,797	2	1:1,899	2,415	0	0:2,415
Hyde	5,826	3,639	2	1:1,820	2,038	0	0:2,038	18	0	0:18	131	0	0:131
Iredell	122,660	101,562	116	1:876	16,620	0	0:16,620	296	0	0:296	4,182	1	1:4,182
Jackson	33,121	28,694	20	1:1,435	547	0	0:547	3,303	0	0:3,303	577	0	0:577
Johnston	121,965	93,137	81	1:1,150	18,971	1	1:18,971	417	0	0:417	9,440	0	0:9,440
Jones	10,381	6,364	4	1:1,591	3,703	0	0:3,703	32	0	0:32	282	0	0:282
Lee	49,040	33,163	32	1:1,036	9,982	0	0:9,982	180	0	0:180	5,715	0	0:5,715
Lenoir	59,648	33,644	79	1:426	24,016	3	1:8,005	97	0	0:97	1,891	0	0:1,891
Lincoln	63,780	55,903	44	1:1,271	4,067	0	0:4,067	154	0	0:154	3,656	0	0:3,656
McDowell	42,151	39,109	30	1:1,304	1,716	0	0:1,716	112	0	0:112	1,214	0	0:1,214
Macon	29,811	28,925	18	1:1,607	353	0	0:353	79	0	0:79	454	0	0:454
Madison	19,635	19,159	7	1:2,737	160	0	0:160	50	0	0:50	266	0	0:266
Martin	25,593	13,453	16	1:841	11,542	1	1:11,542	70	0	0:70	528	0	0:528
Mecklenburg	695,454	456,050	665	1:686	192,403	63	1:3,054	2,130	2	1:1,065	44,871	3	1:14,957
Mitchell	15,687	15,320	11	1:1,393	33	0	0:33	23	0	0:23	311	0	0:311
Montgomery	26,822	18,144	16	1:1,134	5,805	0	0:5,805	76	0	0:76	2,797	0	0:2,797
Moore	74,769	59,775	59	1:1,013	11,527	0	0:11,527	486	2	1:243	2,981	0	0:2,981
Nash	87,420	54,540	55	1:992	29,505	7	1:4,215	346	0	0:346	2,939	0	0:2,939
New Hanover	160,307	129,449	186	1:696	27,001	0	0:27,001	581	0	0:581	3,276	0	0:3,276
Northampton	22,086	8,764	4	1:2,191	13,096	0	0:13,096	65	0	0:65	161	0	0:161
Onslow	150,355	111,326	56	1:1,988	27,162	2	1:13,581	971	0	0:971	10,896	0	0:10,896
Orange	118,227	96,391	216	1:446	16,175	8	1:2,022	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	34	1:600	13,932	0	0:13,932	120	0	0:120	429	0	0:429
Pender	41,082	29,872	20	1:1,494	9,536	0	0:9,536	178	0	0:178	1,496	0	0:1,496
Perquimans	11,368	8,113	3	1:2,704	3,167	0	0:3,167	20	0	0:20	68	0	0:68

Table 4 (con't.)

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County <sup>1</sup>	Total Population <sup>2</sup>	White/Other			AA			NA			HIS/LAT		
		RPHs	Ratio	AA	RPHs	Ratio	NA	RPHs	Ratio	HIS/LAT	RPHs	Ratio	
<b>Person</b>	<b>35,623</b>	24,644	23	1:1,071	10,018	0	0:10,018	215	0	0:215	746	0	0:746
<b>Pitt</b>	<b>133,798</b>	84,433	176	1:480	44,819	5	1:8,964	330	0	0:330	4,216	0	0:4,216
<b>Polk</b>	<b>18,324</b>	16,684	14	1:1,192	1,061	0	0:1,061	28	0	0:28	551	0	0:551
<b>Randolph</b>	<b>130,454</b>	114,006	58	1:1,966	7,259	0	0:7,259	543	0	0:543	8,646	0	0:8,646
<b>Richmond</b>	<b>46,564</b>	30,337	28	1:1,083	14,160	0	0:14,160	748	0	0:748	1,319	0	0:1,319
<b>Robeson</b>	<b>123,339</b>	40,059	58	1:691	30,827	1	1:30,827	46,459	11	1:4,224	5,994	0	0:5,994
<b>Rockingham</b>	<b>91,928</b>	70,954	65	1:1,092	17,922	1	1:17,922	227	0	0:227	2,825	0	0:2,825
<b>Rowan</b>	<b>130,340</b>	104,152	90	1:1,157	20,440	2	1:10,220	379	1	1:379	5,369	0	0:5,369
<b>Rutherford</b>	<b>62,899</b>	54,633	35	1:1,561	7,028	0	0:7,028	102	0	0:102	1,136	0	0:1,136
<b>Sampson</b>	<b>60,161</b>	34,784	30	1:1,159	17,871	0	0:17,871	1,029	0	0:1,029	6,477	0	0:6,477
<b>Scotland</b>	<b>35,998</b>	19,048	25	1:762	13,364	0	0:13,364	3,163	3	1:1,054	423	0	0:423
<b>Stanly</b>	<b>58,100</b>	50,084	35	1:1,431	6,641	0	0:6,641	138	0	0:138	1,237	0	0:1,237
<b>Stokes</b>	<b>44,711</b>	41,702	20	1:2,085	2,068	0	0:2,068	105	0	0:105	836	0	0:836
<b>Surry</b>	<b>71,219</b>	63,541	50	1:1,271	2,911	0	0:2,911	147	0	0:147	4,620	0	0:4,620
<b>Swain</b>	<b>12,968</b>	8,852	5	1:1,770	214	0	0:214	3,711	0	0:3,711	191	0	0:191
<b>Transylvania</b>	<b>29,334</b>	27,732	19	1:1,460	1,228	0	0:1,228	76	0	0:76	298	0	0:298
<b>Tyrrell</b>	<b>4,149</b>	2,358	1	1:2,358	1,633	0	0:1,633	8	0	0:8	150	0	0:150
<b>Union</b>	<b>123,677</b>	100,313	57	1:1,760	15,312	0	0:15,312	415	0	0:415	7,637	0	0:7,637
<b>Vance</b>	<b>42,954</b>	20,317	32	1:635	20,604	1	1:20,604	76	0	0:76	1,957	0	0:1,957
<b>Wake</b>	<b>627,846</b>	469,392	690	1:680	122,648	27	1:4,543	1,821	1	1:1,821	33,985	3	1:11,328
<b>Warren</b>	<b>19,972</b>	7,899	8	1:987	10,816	0	0:10,816	940	0	0:940	317	0	0:317
<b>Washington</b>	<b>13,723</b>	6,703	6	1:1,117	6,702	0	0:6,702	7	0	0:7	311	0	0:311
<b>Watauga</b>	<b>42,695</b>	41,305	37	1:1,116	673	0	0:673	95	0	0:95	622	0	0:622
<b>Wayne</b>	<b>113,329</b>	70,124	81	1:866	37,230	0	0:37,230	371	1	1:371	5,604	0	0:5,604
<b>Wilkes</b>	<b>65,632</b>	60,567	31	1:1,954	2,719	0	0:2,719	84	0	0:84	2,262	0	0:2,262
<b>Wilson</b>	<b>73,814</b>	40,327	61	1:661	28,886	0	0:28,886	144	0	0:144	4,457	0	0:4,457
<b>Yadkin</b>	<b>36,348</b>	32,717	12	1:2,726	1,219	0	0:1,219	55	0	0:55	2,357	0	0:2,357
<b>Yancey</b>	<b>17,774</b>	17,157	7	1:2,451	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

- RPHs = Registered Pharmacists
- AA = African American
- NA = Native American
- HIS/LAT = Hispanic/Latino (of any race)

<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.