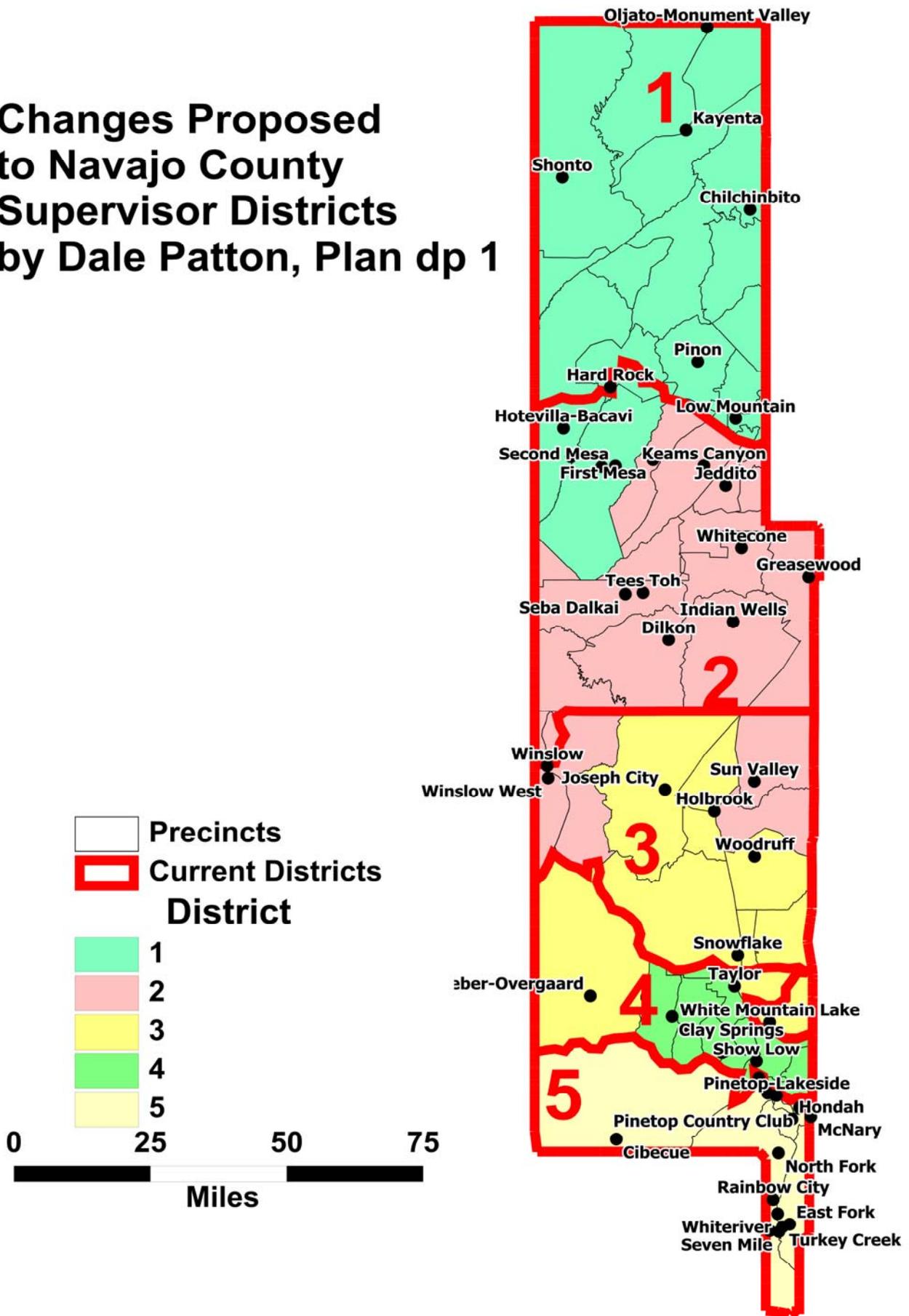


Changes Proposed to Navajo County Supervisor Districts by Dale Patton, Plan dp 1



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS
TOTAL POPULATION BY RACE AND HISPANIC ORIGIN
PLAN SUBMITTED BY: Dale Patton, Plan dp 1**

<u>Number:</u>	<u>District 1</u>	<u>District 2</u>	<u>District 3</u>	<u>District 4</u>	<u>District 5</u>	<u>Total, All Districts</u>
Hispanic, of any race	384	3,860	2,819	2,694	1,814	11,571
Non-Hispanic White	484	4,591	16,391	16,781	8,934	47,181
Non-Hispanic Black	33	555	200	124	78	990
Non-Hispanic American Indian	20,076	12,687	1,831	840	11,049	46,483
Non-Hispanic Asian	38	158	138	161	159	654
Non-Hispanic Hawaiian	9	31	34	25	17	116
Non-Hispanic other race	0	26	26	17	15	84
Non-Hispanic two or more races	75	137	72	40	46	370
Total Population	21,099	22,045	21,511	20,682	22,112	107,449
<u>Percent:</u>						
Hispanic, of any race	1.82%	17.51%	13.10%	13.03%	8.20%	10.77%
Non-Hispanic White	2.29%	20.83%	76.20%	81.14%	40.40%	43.91%
Non-Hispanic Black	0.16%	2.52%	0.93%	0.60%	0.35%	0.92%
Non-Hispanic American Indian	95.15%	57.55%	8.51%	4.06%	49.97%	43.26%
Non-Hispanic Asian	0.18%	0.72%	0.64%	0.78%	0.72%	0.61%
Non-Hispanic Hawaiian	0.04%	0.14%	0.16%	0.12%	0.08%	0.11%
Non-Hispanic other race	0.00%	0.12%	0.12%	0.08%	0.07%	0.08%
Non-Hispanic two or more races	0.36%	0.62%	0.33%	0.19%	0.21%	0.34%
Total Percent	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Ideal Population	21,490	21,490	21,490	21,490	21,490	Total deviation: 1,430 6.65%
Total Population	21,099	22,045	21,511	20,682	22,112	
Numeric deviation from Ideal Value	-391	555	21	-808	622	
Percent deviation from Ideal Value	-1.82%	2.58%	0.10%	-3.76%	2.90%	

Source: Census 2010 Redistricting Data (Public Law 94-171) Summary file, Arizona
Tabulation: Research Advisory Services, Inc., Phoenix AZ (602) 230-9580

**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS
VOTING-AGE POPULATIONS BY RACE AND HISPANIC ORIGIN
PLAN SUBMITTED BY: Dale Patton, Plan dp 1**

<u>Voting-Age Number:</u>	<u>District 1</u>	<u>District 2</u>	<u>District 3</u>	<u>District 4</u>	<u>District 5</u>	<u>Total, All Districts</u>
Hispanic, of any race	169	2,661	1,758	1,622	1,097	7,307
Non-Hispanic White	410	3,723	12,212	12,929	7,121	36,395
Non-Hispanic Black	23	469	142	65	44	743
Non-Hispanic American Indian	13,107	8,600	1,193	538	6,844	30,282
Non-Hispanic Asian	31	126	109	114	109	489
Non-Hispanic Hawaiian	4	15	15	18	10	62
Non-Hispanic other race	0	14	22	10	10	56
Non-Hispanic two or more races	24	43	34	20	21	142
<i>Voting-Age Population</i>	13,768	15,651	15,485	15,316	15,256	75,476
<u>Voting-Age Percent:</u>						
Hispanic, of any race	1.23%	17.00%	11.35%	10.59%	7.19%	9.68%
Non-Hispanic White	2.98%	23.79%	78.86%	84.41%	46.68%	48.22%
Non-Hispanic Black	0.17%	3.00%	0.92%	0.42%	0.29%	0.98%
Non-Hispanic American Indian	95.20%	54.95%	7.70%	3.51%	44.86%	40.12%
Non-Hispanic Asian	0.23%	0.81%	0.70%	0.74%	0.71%	0.65%
Non-Hispanic Hawaiian	0.03%	0.10%	0.10%	0.12%	0.07%	0.08%
Non-Hispanic other race	0.00%	0.09%	0.14%	0.07%	0.07%	0.07%
Non-Hispanic two or more races	0.17%	0.27%	0.22%	0.13%	0.14%	0.19%
<i>Voting-Age Percent</i>	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Source: Census 2010 Redistricting Data (Public Law 94-171) Summary file, Arizona

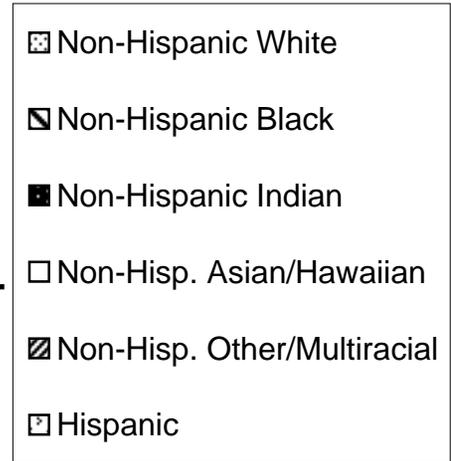
Tabulation: Research Advisory Services, Inc., Phoenix AZ (602) 230-9580

**Race and Origin Composition of Current and Proposed Navajo County
Supervisor and Community College Districts
Plan submitted by: Dale Patton, Plan dp 1**

Persons

30,000
25,000
20,000
15,000
10,000
5,000
0

"Ideal" District Size = 21,490



Source: Census 2010
Redistricting Data (Public
Law 94-171) Summary File,
Arizona

Current Proposed Current Proposed Current Proposed Current Proposed Current Proposed

District 1 District 2 District 3 District 4 District 5

Current

Proposed

Current

Proposed

Current

Proposed

Current

Proposed

Current

Proposed

District 1

District 2

District 3

District 4

District 5

**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS
 PLAN SUBMITTED BY: Dale Patton, Plan dp 1**

	Current Districts	Proposed Plan	Change
Population, District 1	17,566	21,099	3,533
Population, District 2	18,906	22,045	3,139
Population, District 3	22,010	21,511	-499
Population, District 4	26,855	20,682	-6,173
Population, District 5	22,122	22,112	-10
Population deviation, District 1	-3,924	-391	
Population deviation, District 2	-2,584	555	
Population deviation, District 3	520	21	
Population deviation, District 4	5,365	-808	
Population deviation, District 5	622	622	
Percent deviation, District 1	-18.26%	-1.82%	
Percent deviation, District 2	-12.02%	2.58%	
Percent deviation, District 3	2.42%	0.10%	
Percent deviation, District 4	24.97%	-3.76%	
Percent deviation, District 5	2.90%	2.90%	
Total plan deviation, number	9,289	1,430	
Total plan deviation, percent	43.23%	6.65%	
Percent voting-age Hispanic, District 1	1.05%	1.23%	0.18%
Percent voting-age Hispanic, District 2	6.67%	17.00%	10.33%
Percent voting-age Hispanic, District 3	20.47%	11.35%	-9.12%
Percent voting-age Hispanic, District 4	9.84%	10.59%	0.75%
Percent voting-age Hispanic, District 5	7.19%	7.19%	0.00%
Percent voting-age Non-Hispanic Native American, District 1	95.28%	95.20%	-0.08%
Percent voting-age Non-Hispanic Native American, District 2	77.77%	54.95%	-22.82%
Percent voting-age Non-Hispanic Native American, District 3	12.36%	7.70%	-4.66%
Percent voting-age Non-Hispanic Native American, District 4	3.16%	3.51%	0.35%
Percent voting-age Non-Hispanic Native American, District 5	44.86%	44.86%	0.00%
Percent voting-age Non-Hispanic Black, District 1	0.18%	0.17%	-0.01%
Percent voting-age Non-Hispanic Black, District 2	0.76%	3.00%	2.24%
Percent voting-age Non-Hispanic Black, District 3	3.10%	0.92%	-2.18%
Percent voting-age Non-Hispanic Black, District 4	0.44%	0.42%	-0.02%
Percent voting-age Non-Hispanic Black, District 5	0.29%	0.29%	0.00%
Percent voting-age total minority residents, District 1	96.85%	97.02%	0.17%
Percent voting-age total minority residents, District 2	86.25%	76.21%	-10.04%
Percent voting-age total minority residents, District 3	37.31%	21.14%	-16.17%
Percent voting-age total minority residents, District 4	14.47%	15.59%	1.12%
Percent voting-age total minority residents, District 5	53.32%	53.32%	0.00%

Consultant's review comments:

Under this plan, the total population deviation is reduced considerably, from about 43% to less than 7%. It would be beneficial to reduce the deviation to less than 5% if adjustments are later made to this map.

The drop in voting-age minority proportions in Districts 1 and 2 are probably not considered retrogressive under the Voting Rights Act because minority voters in those districts will maintain their ability to elect candidates of their choosing. Minority voters in District 3, however, will be left with a lesser category of ability to elect.