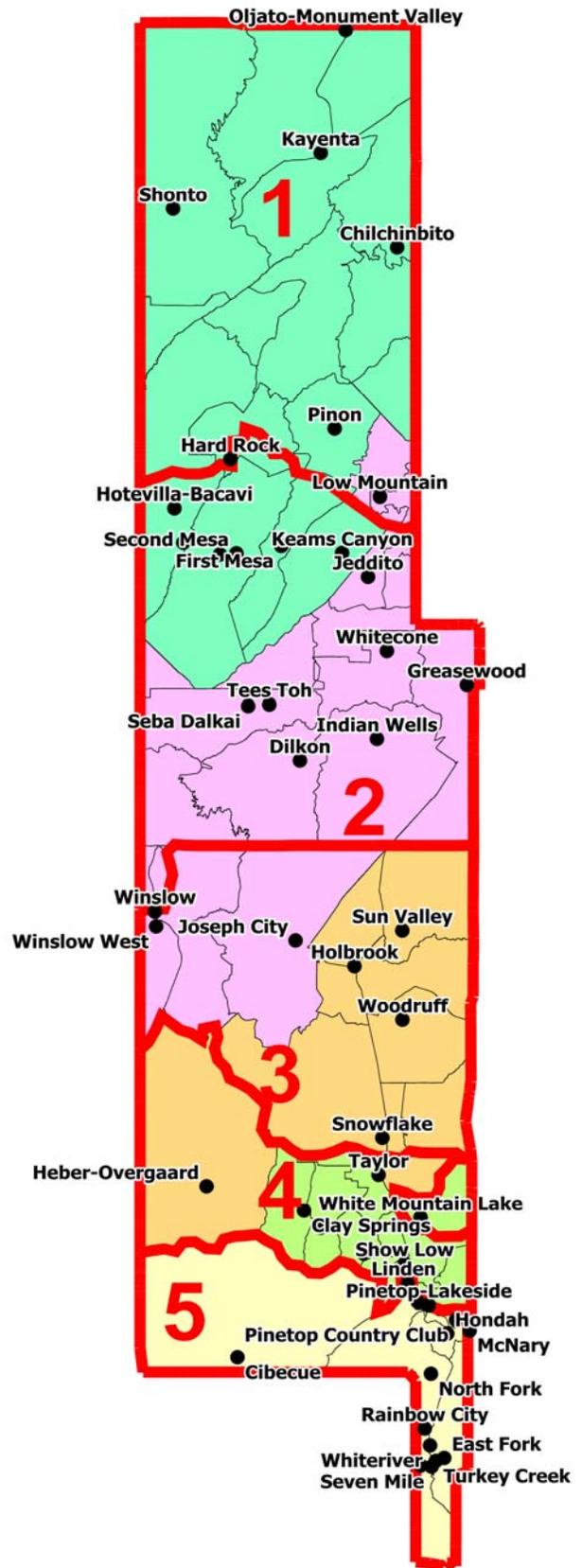
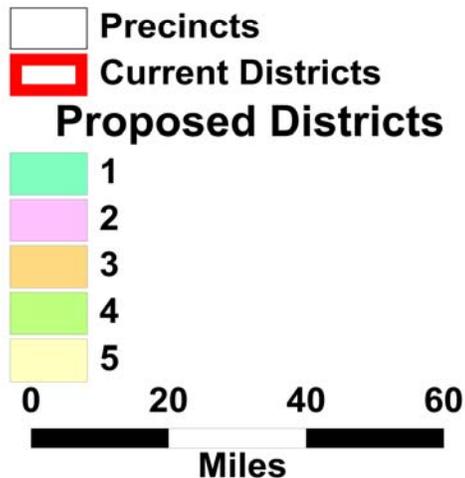


Changes Proposed to Navajo County Supervisor Districts by R Boyd, Plan rb04



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS
TOTAL POPULATION BY RACE AND HISPANIC ORIGIN
PLAN SUBMITTED BY: R Boyd, Plan rb04**

<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	403	3,245	3,232	2,877	1,814	11,571
Non-Hispanic White	587	4,659	14,615	18,386	8,934	47,181
Non-Hispanic Black	41	481	261	129	78	990
Non-Hispanic American Indian	19,949	12,331	2,291	863	11,049	46,483
Non-Hispanic Asian	47	118	147	183	159	654
Non-Hispanic Hawaiian	23	14	37	25	17	116
Non-Hispanic other race	0	23	29	17	15	84
Non-Hispanic two or more races	79	124	80	41	46	370
Total Population	21,129	20,995	20,692	22,521	22,112	107,449
<u>Percent:</u>						
Hispanic, of any race	1.91%	15.46%	15.62%	12.77%	8.20%	10.77%
Non-Hispanic White	2.78%	22.19%	70.63%	81.64%	40.40%	43.91%
Non-Hispanic Black	0.19%	2.29%	1.26%	0.57%	0.35%	0.92%
Non-Hispanic American Indian	94.42%	58.73%	11.07%	3.83%	49.97%	43.26%
Non-Hispanic Asian	0.22%	0.56%	0.71%	0.81%	0.72%	0.61%
Non-Hispanic Hawaiian	0.11%	0.07%	0.18%	0.11%	0.08%	0.11%
Non-Hispanic other race	0.00%	0.11%	0.14%	0.08%	0.07%	0.08%
Non-Hispanic two or more races	0.37%	0.59%	0.39%	0.18%	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: 1,829 8.51%
Total Population	21,129	20,995	20,692	22,521	22,112	
Numeric deviation from Ideal Value	-361	-495	-798	1,031	622	
Percent deviation from Ideal Value	-1.68%	-2.30%	-3.71%	4.80%	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: R Boyd, Plan rb04**

	<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>
<u>Voting-Age Number:</u>						
Hispanic, of any race	183	2,202	2,082	1,743	1,097	7,307
Non-Hispanic White	498	3,578	10,954	14,244	7,121	36,395
Non-Hispanic Black	29	415	185	70	44	743
Non-Hispanic American Indian	13,149	8,226	1,511	552	6,844	30,282
Non-Hispanic Asian	37	93	115	135	109	489
Non-Hispanic Hawaiian	5	11	18	18	10	62
Non-Hispanic other race	0	12	24	10	10	56
Non-Hispanic two or more races	25	40	35	21	21	142
<i>Voting-Age Population</i>	13,926	14,577	14,924	16,793	15,256	75,476
<u>Voting-Age Percent:</u>						
Hispanic, of any race	1.31%	15.11%	13.95%	10.38%	7.19%	9.68%
Non-Hispanic White	3.58%	24.55%	73.40%	84.82%	46.68%	48.22%
Non-Hispanic Black	0.21%	2.85%	1.24%	0.42%	0.29%	0.98%
Non-Hispanic American Indian	94.42%	56.43%	10.12%	3.29%	44.86%	40.12%
Non-Hispanic Asian	0.27%	0.64%	0.77%	0.80%	0.71%	0.65%
Non-Hispanic Hawaiian	0.04%	0.08%	0.12%	0.11%	0.07%	0.08%
Non-Hispanic other race	0.00%	0.08%	0.16%	0.06%	0.07%	0.07%
Non-Hispanic two or more races	0.18%	0.27%	0.23%	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: R Boyd, Plan rb04**

Persons

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

"Ideal" District Size = 21,490

-  Non-Hispanic White
-  Non-Hispanic Black
-  Non-Hispanic Indian
-  Non-Hisp. Asian/Hawaiian
-  Non-Hisp. Other/Multiracial
-  Hispanic

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



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS
PLAN SUBMITTED BY: R Boyd, Plan rb04**

	Current Districts	Proposed Plan	Change
Population, District 1	17,566	21,129	3,563
Population, District 2	18,906	20,995	2,089
Population, District 3	22,010	20,692	-1,318
Population, District 4	26,855	22,521	-4,334
Population, District 5	22,122	22,112	-10
Population deviation, District 1	-3,924	-361	
Population deviation, District 2	-2,584	-495	
Population deviation, District 3	520	-798	
Population deviation, District 4	5,365	1,031	
Population deviation, District 5	622	622	
Percent deviation, District 1	-18.26%	-1.68%	
Percent deviation, District 2	-12.02%	-2.30%	
Percent deviation, District 3	2.42%	-3.71%	
Percent deviation, District 4	24.97%	4.80%	
Percent deviation, District 5	2.90%	2.90%	
Total plan deviation, number	9,289	1,829	
Total plan deviation, percent	43.23%	8.51%	
Percent voting-age Hispanic, District 1	1.05%	1.31%	0.26%
Percent voting-age Hispanic, District 2	6.67%	15.11%	8.44%
Percent voting-age Hispanic, District 3	20.47%	13.95%	-6.52%
Percent voting-age Hispanic, District 4	9.84%	10.38%	0.54%
Percent voting-age Hispanic, District 5	7.19%	7.19%	0.00%
Percent voting-age Non-Hispanic Native American, District 1	95.28%	94.42%	-0.86%
Percent voting-age Non-Hispanic Native American, District 2	77.77%	56.43%	-21.34%
Percent voting-age Non-Hispanic Native American, District 3	12.36%	10.12%	-2.24%
Percent voting-age Non-Hispanic Native American, District 4	3.16%	3.29%	0.13%
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%	0.21%	0.03%
Percent voting-age Non-Hispanic Black, District 2	0.76%	2.85%	2.09%
Percent voting-age Non-Hispanic Black, District 3	3.10%	1.24%	-1.86%
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%	96.42%	-0.43%
Percent voting-age total minority residents, District 2	86.25%	75.45%	-10.80%
Percent voting-age total minority residents, District 3	37.31%	26.60%	-10.71%
Percent voting-age total minority residents, District 4	14.47%	15.18%	0.71%
Percent voting-age total minority residents, District 5	53.32%	53.32%	0.00%

Consultant's review comments:

This plan makes a significant reduction in the population deviation between districts, but the deviation may still be too large. Aim for a variance of less than 5%.

The 10 percentage-point drop in voting-age minority residents in District 2 is probably not retrogressive because the proportion was very high to begin with. However, the 10 percentage-point drop in District 3 will probably be viewed as damaging to minority voting strength.