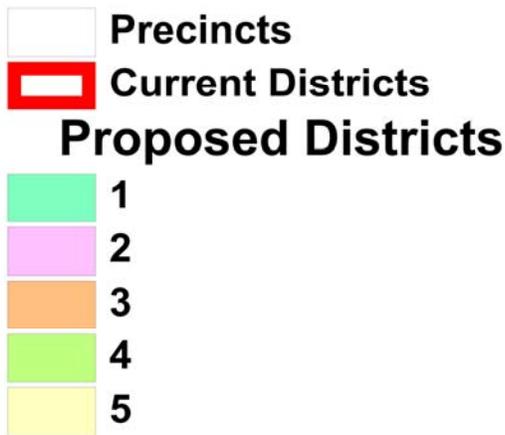
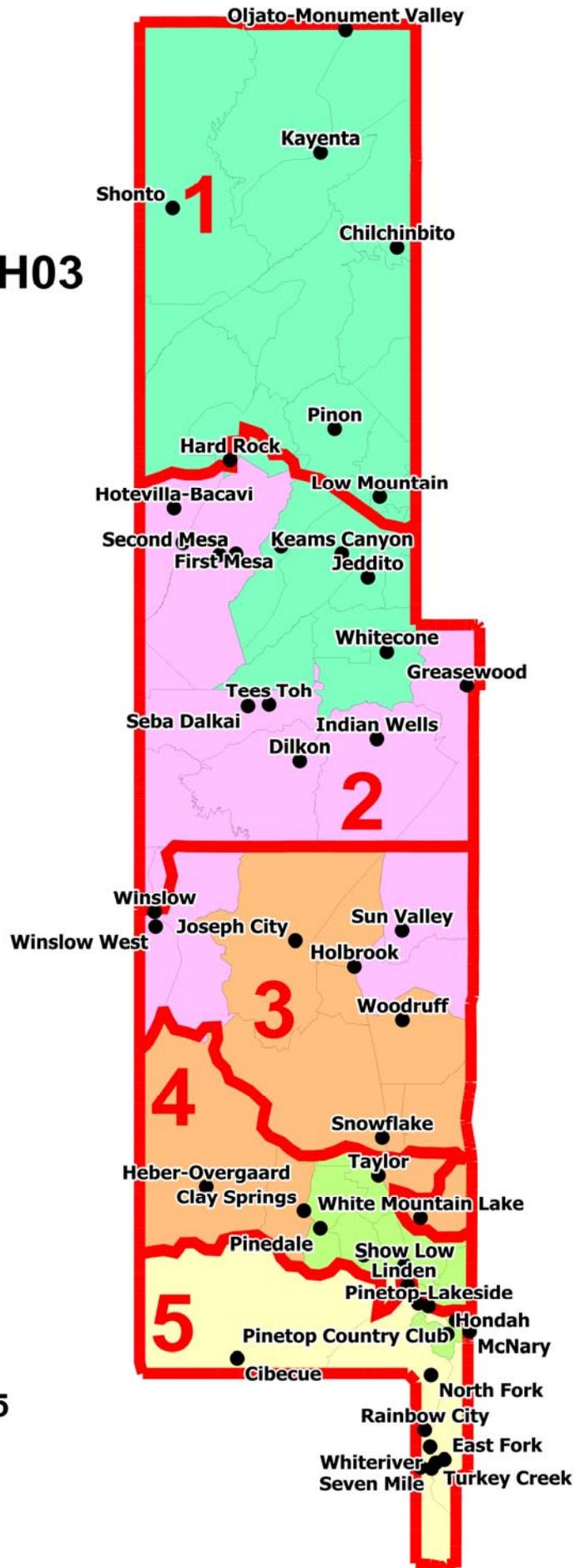


Changes Proposed to Navajo County Supervisor Districts by crossu2001, Plan DMH03



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS
TOTAL POPULATION BY RACE AND HISPANIC ORIGIN
PLAN SUBMITTED BY: crossu2001, Plan DMH03**

<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	391	4,306	2,401	2,756	1,717	11,571
Non-Hispanic White	549	4,922	16,500	16,125	9,085	47,181
Non-Hispanic Black	41	603	148	124	74	990
Non-Hispanic American Indian	20,861	12,196	1,545	1,623	10,258	46,483
Non-Hispanic Asian	47	158	137	162	150	654
Non-Hispanic Hawaiian	26	15	33	28	14	116
Non-Hispanic other race	0	26	26	23	9	84
Non-Hispanic two or more races	81	145	58	38	48	370
Total Population	21,996	22,371	20,848	20,879	21,355	107,449
<u>Percent:</u>						
Hispanic, of any race	1.78%	19.25%	11.52%	13.20%	8.04%	10.77%
Non-Hispanic White	2.50%	22.00%	79.14%	77.23%	42.54%	43.91%
Non-Hispanic Black	0.19%	2.70%	0.71%	0.59%	0.35%	0.92%
Non-Hispanic American Indian	94.84%	54.52%	7.41%	7.77%	48.04%	43.26%
Non-Hispanic Asian	0.21%	0.71%	0.66%	0.78%	0.70%	0.61%
Non-Hispanic Hawaiian	0.12%	0.07%	0.16%	0.13%	0.07%	0.11%
Non-Hispanic other race	0.00%	0.12%	0.12%	0.11%	0.04%	0.08%
Non-Hispanic two or more races	0.37%	0.65%	0.28%	0.18%	0.22%	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: 1,523 7.09%
Total Population	21,996	22,371	20,848	20,879	21,355	
Numeric deviation from Ideal Value	506	881	-642	-611	-135	
Percent deviation from Ideal Value	2.36%	4.10%	-2.99%	-2.84%	-0.63%	

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: crossu2001, Plan DMH03**

<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>	Total, All <u>Districts</u>
Hispanic, of any race	163	2,967	1,477	1,658	1,042	7,307
Non-Hispanic White	475	3,969	12,255	12,523	7,173	36,395
Non-Hispanic Black	30	506	99	62	46	743
Non-Hispanic American Indian	13,670	8,237	998	1,003	6,374	30,282
Non-Hispanic Asian	36	129	104	119	101	489
Non-Hispanic Hawaiian	7	13	14	19	9	62
Non-Hispanic other race	0	14	22	13	7	56
Non-Hispanic two or more races	23	51	27	18	23	142
<i>Voting-Age Population</i>	14,404	15,886	14,996	15,415	14,775	75,476
<u>Voting-Age Percent:</u>						
Hispanic, of any race	1.13%	18.68%	9.85%	10.76%	7.05%	9.68%
Non-Hispanic White	3.30%	24.98%	81.72%	81.24%	48.55%	48.22%
Non-Hispanic Black	0.21%	3.19%	0.66%	0.40%	0.31%	0.98%
Non-Hispanic American Indian	94.90%	51.85%	6.66%	6.51%	43.14%	40.12%
Non-Hispanic Asian	0.25%	0.81%	0.69%	0.77%	0.68%	0.65%
Non-Hispanic Hawaiian	0.05%	0.08%	0.09%	0.12%	0.06%	0.08%
Non-Hispanic other race	0.00%	0.09%	0.15%	0.08%	0.05%	0.07%
Non-Hispanic two or more races	0.16%	0.32%	0.18%	0.12%	0.16%	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: crossu2001, Plan DMH03**

Persons

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

"Ideal" District Size = 21,490

Current Proposed Current Proposed Current Proposed Current Proposed Current Proposed
District 1 District 2 District 3 District 4 District 5

- ▣ 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



NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS
PLAN SUBMITTED BY: crossu2001, Plan DMH03

	Current Districts	Proposed Plan	Change
Population, District 1	17,566	21,996	4,430
Population, District 2	18,906	22,371	3,465
Population, District 3	22,010	20,848	-1,162
Population, District 4	26,855	20,879	-5,976
Population, District 5	22,122	21,355	-767
Population deviation, District 1	-3,924	506	
Population deviation, District 2	-2,584	881	
Population deviation, District 3	520	-642	
Population deviation, District 4	5,365	-611	
Population deviation, District 5	622	-135	
Percent deviation, District 1	-18.26%	2.36%	
Percent deviation, District 2	-12.02%	4.10%	
Percent deviation, District 3	2.42%	-2.99%	
Percent deviation, District 4	24.97%	-2.84%	
Percent deviation, District 5	2.90%	-0.63%	
Total plan deviation, number	9,289	1,523	
Total plan deviation, percent	43.23%	7.09%	
Percent voting-age Hispanic, District 1	1.05%	1.13%	0.08%
Percent voting-age Hispanic, District 2	6.67%	18.68%	12.01%
Percent voting-age Hispanic, District 3	20.47%	9.85%	-10.62%
Percent voting-age Hispanic, District 4	9.84%	10.76%	0.92%
Percent voting-age Hispanic, District 5	7.19%	7.05%	-0.14%
Percent voting-age Non-Hispanic Native American, District 1	95.28%	94.90%	-0.38%
Percent voting-age Non-Hispanic Native American, District 2	77.77%	51.85%	-25.92%
Percent voting-age Non-Hispanic Native American, District 3	12.36%	6.66%	-5.70%
Percent voting-age Non-Hispanic Native American, District 4	3.16%	6.51%	3.35%
Percent voting-age Non-Hispanic Native American, District 5	44.86%	43.14%	-1.72%
Percent voting-age Non-Hispanic Black, District 1	0.18%	0.21%	0.03%
Percent voting-age Non-Hispanic Black, District 2	0.76%	3.19%	2.43%
Percent voting-age Non-Hispanic Black, District 3	3.10%	0.66%	-2.44%
Percent voting-age Non-Hispanic Black, District 4	0.44%	0.40%	-0.04%
Percent voting-age Non-Hispanic Black, District 5	0.29%	0.31%	0.02%
Percent voting-age total minority residents, District 1	96.85%	96.70%	-0.15%
Percent voting-age total minority residents, District 2	86.25%	75.02%	-11.23%
Percent voting-age total minority residents, District 3	37.31%	18.28%	-19.03%
Percent voting-age total minority residents, District 4	14.47%	18.76%	4.29%
Percent voting-age total minority residents, District 5	53.32%	51.45%	-1.87%

Consultant's review comments:

This plan reduces the total population variance from about 43% to 7%, but that amount is still probably too high. Aim for no more than 5% variance.

The 11% reduction of voting-age minorities in District 2 should not be a problem because of the significant minority-majority in that district. The 19 percentage-point loss in District 3, however, may be more of an issue because it appears to dilute the ability of that districts minorities to have an influence on election outcomes.