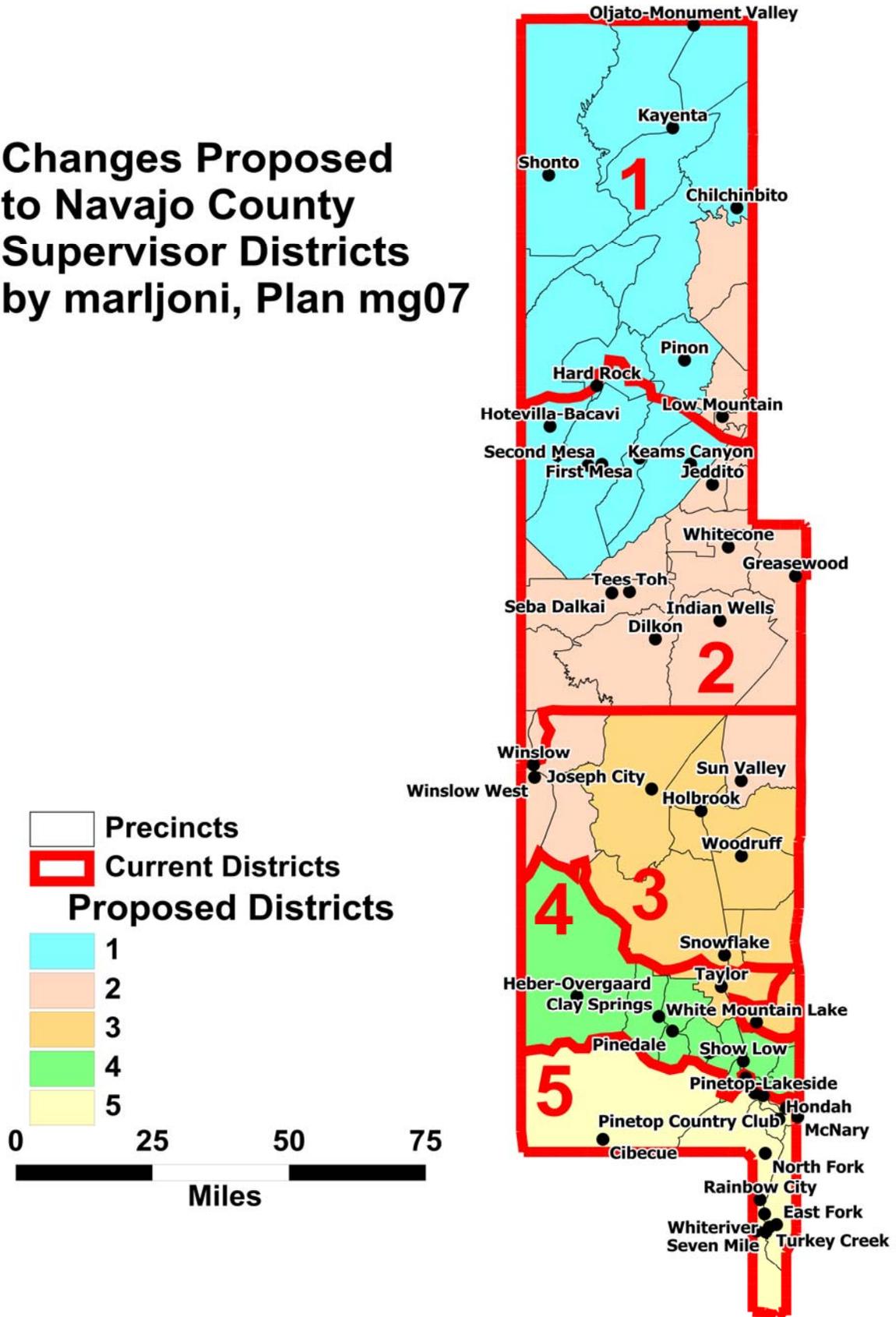


# Changes Proposed to Navajo County Supervisor Districts by marljoni, Plan mg07



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS  
TOTAL POPULATION BY RACE AND HISPANIC ORIGIN  
PLAN SUBMITTED BY: Marljoni, Plan mg07**

<b><u>Number:</u></b>	<b><u>District 1</u></b>	<b><u>District 2</u></b>	<b><u>District 3</u></b>	<b><u>District 4</u></b>	<b><u>District 5</u></b>	<b><u>Total, All Districts</u></b>
Hispanic, of any race	395	3,173	3,527	2,662	1,814	<b>11,571</b>
Non-Hispanic White	584	3,710	15,907	18,046	8,934	<b>47,181</b>
Non-Hispanic Black	41	479	262	130	78	<b>990</b>
Non-Hispanic American Indian	19,240	12,983	2,447	764	11,049	<b>46,483</b>
Non-Hispanic Asian	47	122	153	173	159	<b>654</b>
Non-Hispanic Hawaiian	23	16	34	26	17	<b>116</b>
Non-Hispanic other race	0	23	30	16	15	<b>84</b>
Non-Hispanic two or more races	77	126	75	46	46	<b>370</b>
<b>Total Population</b>	<b>20,407</b>	<b>20,632</b>	<b>22,435</b>	<b>21,863</b>	<b>22,112</b>	<b>107,449</b>
<b><u>Percent:</u></b>						
Hispanic, of any race	1.94%	15.38%	15.72%	12.18%	8.20%	<b>10.77%</b>
Non-Hispanic White	2.86%	17.98%	70.90%	82.54%	40.40%	<b>43.91%</b>
Non-Hispanic Black	0.20%	2.32%	1.17%	0.59%	0.35%	<b>0.92%</b>
Non-Hispanic American Indian	94.28%	62.93%	10.91%	3.49%	49.97%	<b>43.26%</b>
Non-Hispanic Asian	0.23%	0.59%	0.68%	0.79%	0.72%	<b>0.61%</b>
Non-Hispanic Hawaiian	0.11%	0.08%	0.15%	0.12%	0.08%	<b>0.11%</b>
Non-Hispanic other race	0.00%	0.11%	0.13%	0.07%	0.07%	<b>0.08%</b>
Non-Hispanic two or more races	0.38%	0.61%	0.33%	0.21%	0.21%	<b>0.34%</b>
<b>Total Percent</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>
Ideal Population	21,490	21,490	21,490	21,490	21,490	<b>Total deviation: 2,028 9.44%</b>
Total Population	20,407	20,632	22,435	21,863	22,112	
Numeric deviation from Ideal Value	-1,083	-858	945	373	622	
Percent deviation from Ideal Value	-5.04%	-3.99%	4.40%	1.74%	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: Marljoni, Plan mg07**

<b><u>Voting-Age Number:</u></b>	<b><u>District 1</u></b>	<b><u>District 2</u></b>	<b><u>District 3</u></b>	<b><u>District 4</u></b>	<b><u>District 5</u></b>	<b>Total, All Districts</b>
Hispanic, of any race	181	2,178	2,199	1,652	1,097	<b>7,307</b>
Non-Hispanic White	495	2,983	11,408	14,388	7,121	<b>36,395</b>
Non-Hispanic Black	29	415	177	78	44	<b>743</b>
Non-Hispanic American Indian	12,674	8,649	1,618	497	6,844	<b>30,282</b>
Non-Hispanic Asian	37	98	115	130	109	<b>489</b>
Non-Hispanic Hawaiian	5	13	12	22	10	<b>62</b>
Non-Hispanic other race	0	12	23	11	10	<b>56</b>
Non-Hispanic two or more races	24	39	34	24	21	<b>142</b>
<b><i>Voting-Age Population</i></b>	<b>13,445</b>	<b>14,387</b>	<b>15,586</b>	<b>16,802</b>	<b>15,256</b>	<b>75,476</b>
 <b><u>Voting-Age Percent:</u></b>						
Hispanic, of any race	1.35%	15.14%	14.11%	9.83%	7.19%	<b>9.68%</b>
Non-Hispanic White	3.68%	20.73%	73.19%	85.63%	46.68%	<b>48.22%</b>
Non-Hispanic Black	0.22%	2.88%	1.14%	0.46%	0.29%	<b>0.98%</b>
Non-Hispanic American Indian	94.27%	60.12%	10.38%	2.96%	44.86%	<b>40.12%</b>
Non-Hispanic Asian	0.28%	0.68%	0.74%	0.77%	0.71%	<b>0.65%</b>
Non-Hispanic Hawaiian	0.04%	0.09%	0.08%	0.13%	0.07%	<b>0.08%</b>
Non-Hispanic other race	0.00%	0.08%	0.15%	0.07%	0.07%	<b>0.07%</b>
Non-Hispanic two or more races	0.18%	0.27%	0.22%	0.14%	0.14%	<b>0.19%</b>
<b><i>Voting-Age Percent</i></b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

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

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

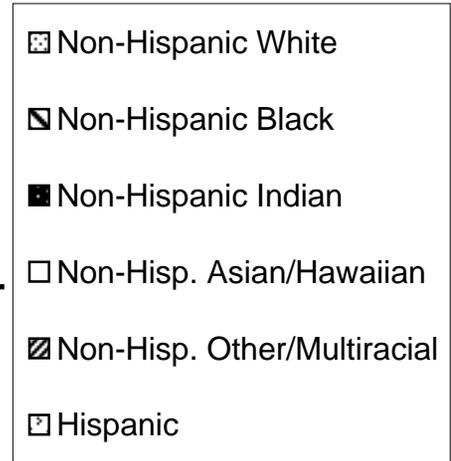
**Race and Origin Composition of Current and Proposed Navajo County  
Supervisor and Community College Districts  
Plan submitted by: Marljoni, Plan mg07**

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**



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

**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS**  
**PLAN SUBMITTED BY: Marljoni, Plan mg07**

	<b>Current Districts</b>	<b>Proposed Plan</b>	<b>Change</b>
Population, District 1	17,566	20,407	2,841
Population, District 2	18,906	20,632	1,726
Population, District 3	22,010	22,435	425
Population, District 4	26,855	21,863	-4,992
Population, District 5	22,122	22,112	-10
Population deviation, District 1	-3,924	-1,083	
Population deviation, District 2	-2,584	-858	
Population deviation, District 3	520	945	
Population deviation, District 4	5,365	373	
Population deviation, District 5	622	622	
Percent deviation, District 1	-18.26%	-5.04%	
Percent deviation, District 2	-12.02%	-3.99%	
Percent deviation, District 3	2.42%	4.40%	
Percent deviation, District 4	24.97%	1.74%	
Percent deviation, District 5	2.90%	2.90%	
Total plan deviation, number	9,289	2,028	
Total plan deviation, percent	43.23%	9.44%	
Percent voting-age Hispanic, District 1	1.05%	1.35%	0.30%
Percent voting-age Hispanic, District 2	6.67%	15.14%	8.47%
Percent voting-age Hispanic, District 3	20.47%	14.11%	-6.36%
Percent voting-age Hispanic, District 4	9.84%	9.83%	-0.01%
Percent voting-age Hispanic, District 5	7.19%	7.19%	0.00%
Percent voting-age Non-Hispanic Native American, District 1	95.28%	94.27%	-1.01%
Percent voting-age Non-Hispanic Native American, District 2	77.77%	60.12%	-17.65%
Percent voting-age Non-Hispanic Native American, District 3	12.36%	10.38%	-1.98%
Percent voting-age Non-Hispanic Native American, District 4	3.16%	2.96%	-0.20%
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%	0.22%	0.04%
Percent voting-age Non-Hispanic Black, District 2	0.76%	2.88%	2.12%
Percent voting-age Non-Hispanic Black, District 3	3.10%	1.14%	-1.96%
Percent voting-age Non-Hispanic Black, District 4	0.44%	0.46%	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%	96.32%	-0.53%
Percent voting-age total minority residents, District 2	86.25%	79.27%	-6.98%
Percent voting-age total minority residents, District 3	37.31%	26.81%	-10.50%
Percent voting-age total minority residents, District 4	14.47%	14.37%	-0.10%
Percent voting-age total minority residents, District 5	53.32%	53.32%	0.00%

Consultant's review comments:

This plan provides a significant reduction in the total population deviation, to less than one-quarter of it's current value, but the deviation is still too large. Try to keep the deviation below 5%.

The 7 percentage-point loss in the voting-age minority proportion in District 2 may not constitute an impermissible dilution of that district's minor voting strength because the new proportion is still close to 80% minority. District 3's loss of more than 10 percentage points is problematic, taking that district possibly out of consideration as an effective minority voting district.