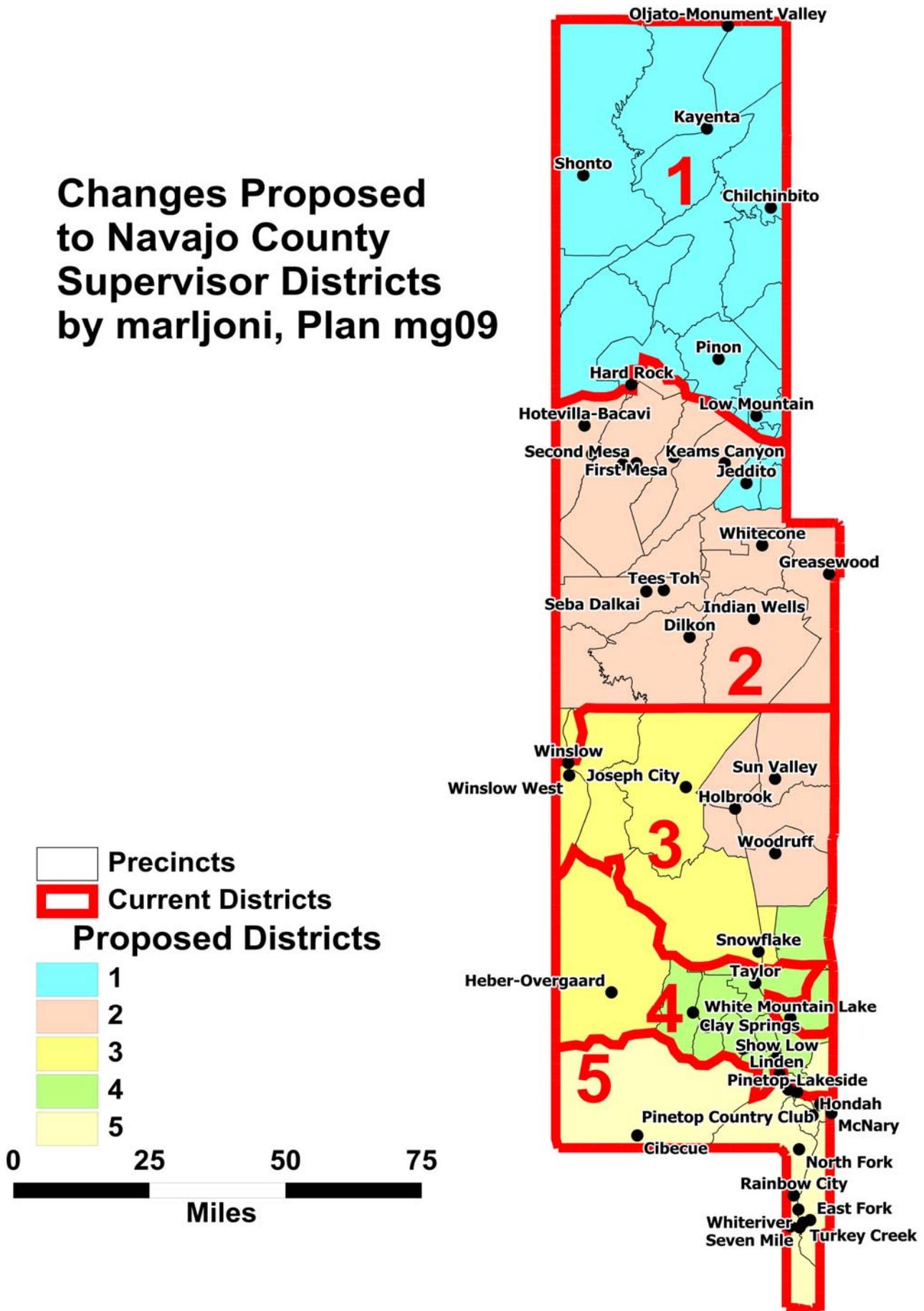


# Changes Proposed to Navajo County Supervisor Districts by marljoni, Plan mg09



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS  
TOTAL POPULATION BY RACE AND HISPANIC ORIGIN  
PLAN SUBMITTED BY: Marljoni, Plan mg09**

<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	331	1,685	4,614	2,692	2,249	<b>11,571</b>
Non-Hispanic White	438	3,099	13,118	19,967	10,559	<b>47,181</b>
Non-Hispanic Black	33	160	560	148	89	<b>990</b>
Non-Hispanic American Indian	17,641	13,578	3,263	861	11,140	<b>46,483</b>
Non-Hispanic Asian	35	108	150	183	178	<b>654</b>
Non-Hispanic Hawaiian	8	28	34	28	18	<b>116</b>
Non-Hispanic other race	0	9	33	25	17	<b>84</b>
Non-Hispanic two or more races	68	95	119	33	55	<b>370</b>
<b>Total Population</b>	<b>18,554</b>	<b>18,762</b>	<b>21,891</b>	<b>23,937</b>	<b>24,305</b>	<b>107,449</b>
<b><u>Percent:</u></b>						
Hispanic, of any race	1.78%	8.98%	21.08%	11.25%	9.25%	<b>10.77%</b>
Non-Hispanic White	2.36%	16.52%	59.92%	83.41%	43.44%	<b>43.91%</b>
Non-Hispanic Black	0.18%	0.85%	2.56%	0.62%	0.37%	<b>0.92%</b>
Non-Hispanic American Indian	95.08%	72.37%	14.91%	3.60%	45.83%	<b>43.26%</b>
Non-Hispanic Asian	0.19%	0.58%	0.69%	0.76%	0.73%	<b>0.61%</b>
Non-Hispanic Hawaiian	0.04%	0.15%	0.16%	0.12%	0.07%	<b>0.11%</b>
Non-Hispanic other race	0.00%	0.05%	0.15%	0.10%	0.07%	<b>0.08%</b>
Non-Hispanic two or more races	0.37%	0.51%	0.54%	0.14%	0.23%	<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: 5,751 26.76%</b>
Total Population	18,554	18,762	21,891	23,937	24,305	
Numeric deviation from Ideal Value	-2,936	-2,728	401	2,447	2,815	
Percent deviation from Ideal Value	-13.66%	-12.69%	1.87%	11.39%	13.10%	

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 mg09**

<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	134	1,062	3,114	1,642	1,355	<b>7,307</b>
Non-Hispanic White	379	2,412	9,866	15,318	8,420	<b>36,395</b>
Non-Hispanic Black	24	113	473	84	49	<b>743</b>
Non-Hispanic American Indian	11,476	9,236	2,106	572	6,892	<b>30,282</b>
Non-Hispanic Asian	28	82	121	134	124	<b>489</b>
Non-Hispanic Hawaiian	3	10	19	19	11	<b>62</b>
Non-Hispanic other race	0	6	21	19	10	<b>56</b>
Non-Hispanic two or more races	19	29	52	20	22	<b>142</b>
<b><i>Voting-Age Population</i></b>	<b>12,063</b>	<b>12,950</b>	<b>15,772</b>	<b>17,808</b>	<b>16,883</b>	<b>75,476</b>
<u>Voting-Age Percent:</u>						
Hispanic, of any race	1.11%	8.20%	19.74%	9.22%	8.03%	<b>9.68%</b>
Non-Hispanic White	3.14%	18.63%	62.55%	86.02%	49.87%	<b>48.22%</b>
Non-Hispanic Black	0.20%	0.87%	3.00%	0.47%	0.29%	<b>0.98%</b>
Non-Hispanic American Indian	95.13%	71.32%	13.35%	3.21%	40.82%	<b>40.12%</b>
Non-Hispanic Asian	0.23%	0.63%	0.77%	0.75%	0.73%	<b>0.65%</b>
Non-Hispanic Hawaiian	0.02%	0.08%	0.12%	0.11%	0.07%	<b>0.08%</b>
Non-Hispanic other race	0.00%	0.05%	0.13%	0.11%	0.06%	<b>0.07%</b>
Non-Hispanic two or more races	0.16%	0.22%	0.33%	0.11%	0.13%	<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

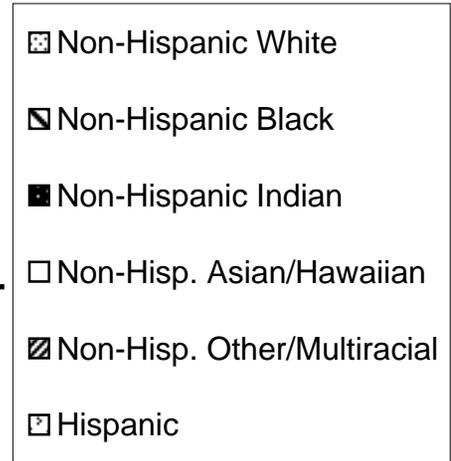
**Race and Origin Composition of Current and Proposed Navajo County  
Supervisor and Community College Districts  
Plan submitted by: Marljoni, Plan mg09**

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 mg09**

	<b>Current Districts</b>	<b>Proposed Plan</b>	<b>Change</b>
Population, District 1	17,566	18,554	988
Population, District 2	18,906	18,762	-144
Population, District 3	22,010	21,891	-119
Population, District 4	26,855	23,937	-2,918
Population, District 5	22,122	24,305	2,183
Population deviation, District 1	-3,924	-2,936	
Population deviation, District 2	-2,584	-2,728	
Population deviation, District 3	520	401	
Population deviation, District 4	5,365	2,447	
Population deviation, District 5	622	2,815	
Percent deviation, District 1	-18.26%	-13.66%	
Percent deviation, District 2	-12.02%	-12.69%	
Percent deviation, District 3	2.42%	1.87%	
Percent deviation, District 4	24.97%	11.39%	
Percent deviation, District 5	2.90%	13.10%	
Total plan deviation, number	9,289	5,751	
Total plan deviation, percent	43.23%	26.76%	
Percent voting-age Hispanic, District 1	1.05%	1.11%	0.06%
Percent voting-age Hispanic, District 2	6.67%	8.20%	1.53%
Percent voting-age Hispanic, District 3	20.47%	19.74%	-0.73%
Percent voting-age Hispanic, District 4	9.84%	9.22%	-0.62%
Percent voting-age Hispanic, District 5	7.19%	8.03%	0.84%
Percent voting-age Non-Hispanic Native American, District 1	95.28%	95.13%	-0.15%
Percent voting-age Non-Hispanic Native American, District 2	77.77%	71.32%	-6.45%
Percent voting-age Non-Hispanic Native American, District 3	12.36%	13.35%	0.99%
Percent voting-age Non-Hispanic Native American, District 4	3.16%	3.21%	0.05%
Percent voting-age Non-Hispanic Native American, District 5	44.86%	40.82%	-4.04%
Percent voting-age Non-Hispanic Black, District 1	0.18%	0.20%	0.02%
Percent voting-age Non-Hispanic Black, District 2	0.76%	0.87%	0.11%
Percent voting-age Non-Hispanic Black, District 3	3.10%	3.00%	-0.10%
Percent voting-age Non-Hispanic Black, District 4	0.44%	0.47%	0.03%
Percent voting-age Non-Hispanic Black, District 5	0.29%	0.29%	0.00%
Percent voting-age total minority residents, District 1	96.85%	96.86%	0.01%
Percent voting-age total minority residents, District 2	86.25%	81.37%	-4.88%
Percent voting-age total minority residents, District 3	37.31%	37.45%	0.14%
Percent voting-age total minority residents, District 4	14.47%	13.98%	-0.49%
Percent voting-age total minority residents, District 5	53.32%	50.13%	-3.19%

Consultant's review comments:

This plan does not reduce the total population by very much. It is still five times larger than our 5% goal.

Even though District 5 is still technically a minority district under this plan (with a voting-age minority proportion of 50.13%), the 3-percent reduction might still be considered retrogressive, depending on how successful minority voters have been in electing candidates of their choice at the current 53.52% level.

A similar sized drop in District 2 is probably not a problem because the proposed proportion of minority residents is still very high.