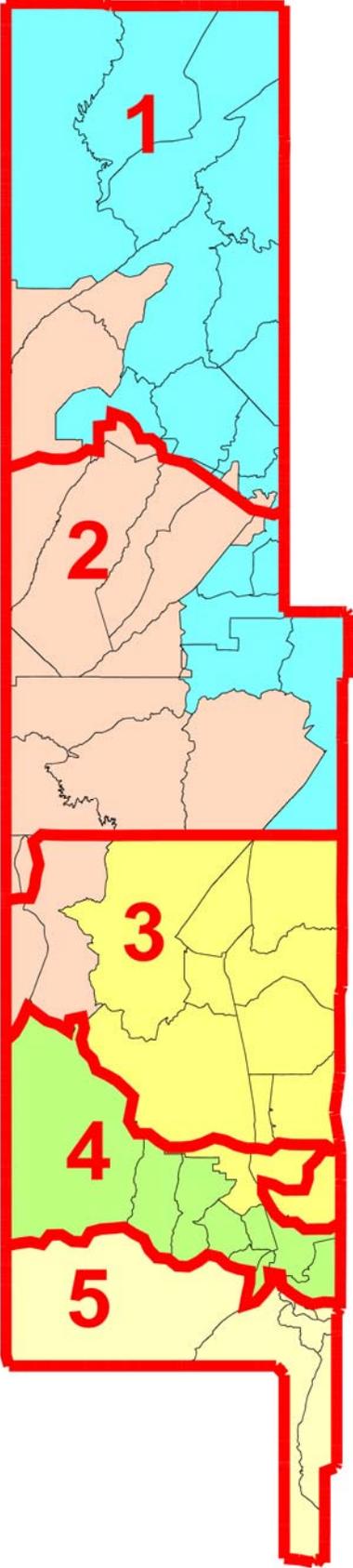
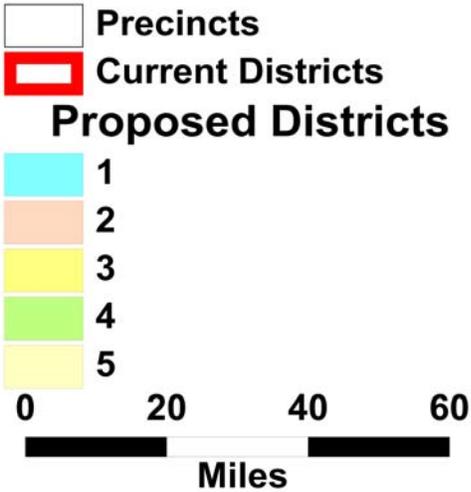


# Changes Proposed to Navajo County Supervisor Districts by T L Poscharsky, Plan tlp04



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS  
TOTAL POPULATION BY RACE AND HISPANIC ORIGIN  
PLAN SUBMITTED BY: T L Poscharsky, Plan tlp 04**

<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	374	3,591	3,130	2,662	1,814	<b>11,571</b>
Non-Hispanic White	452	4,034	15,715	18,046	8,934	<b>47,181</b>
Non-Hispanic Black	37	535	210	130	78	<b>990</b>
Non-Hispanic American Indian	19,825	12,591	2,254	764	11,049	<b>46,483</b>
Non-Hispanic Asian	38	135	149	173	159	<b>654</b>
Non-Hispanic Hawaiian	11	27	35	26	17	<b>116</b>
Non-Hispanic other race	0	23	30	16	15	<b>84</b>
Non-Hispanic two or more races	80	131	67	46	46	<b>370</b>
<b>Total Population</b>	<b>20,817</b>	<b>21,067</b>	<b>21,590</b>	<b>21,863</b>	<b>22,112</b>	<b>107,449</b>
<b><u>Percent:</u></b>						
Hispanic, of any race	1.80%	17.05%	14.50%	12.18%	8.20%	<b>10.77%</b>
Non-Hispanic White	2.17%	19.15%	72.79%	82.54%	40.40%	<b>43.91%</b>
Non-Hispanic Black	0.18%	2.54%	0.97%	0.59%	0.35%	<b>0.92%</b>
Non-Hispanic American Indian	95.23%	59.77%	10.44%	3.49%	49.97%	<b>43.26%</b>
Non-Hispanic Asian	0.18%	0.64%	0.69%	0.79%	0.72%	<b>0.61%</b>
Non-Hispanic Hawaiian	0.05%	0.13%	0.16%	0.12%	0.08%	<b>0.11%</b>
Non-Hispanic other race	0.00%	0.11%	0.14%	0.07%	0.07%	<b>0.08%</b>
Non-Hispanic two or more races	0.38%	0.62%	0.31%	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: 1,295 6.03%</b>
Total Population	20,817	21,067	21,590	21,863	22,112	
Numeric deviation from Ideal Value	-673	-423	100	373	622	
Percent deviation from Ideal Value	-3.13%	-1.97%	0.47%	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: T L Poscharsky, Plan tlp 04**

	<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>
<b><u>Voting-Age Number:</u></b>						
Hispanic, of any race	155	2,464	1,939	1,652	1,097	<b>7,307</b>
Non-Hispanic White	393	3,252	11,241	14,388	7,121	<b>36,395</b>
Non-Hispanic Black	27	459	135	78	44	<b>743</b>
Non-Hispanic American Indian	12,952	8,523	1,466	497	6,844	<b>30,282</b>
Non-Hispanic Asian	30	108	112	130	109	<b>489</b>
Non-Hispanic Hawaiian	5	12	13	22	10	<b>62</b>
Non-Hispanic other race	0	12	23	11	10	<b>56</b>
Non-Hispanic two or more races	20	49	28	24	21	<b>142</b>
<b><i>Voting-Age Population</i></b>	<b>13,582</b>	<b>14,879</b>	<b>14,957</b>	<b>16,802</b>	<b>15,256</b>	<b>75,476</b>
<b><u>Voting-Age Percent:</u></b>						
Hispanic, of any race	1.14%	16.56%	12.96%	9.83%	7.19%	<b>9.68%</b>
Non-Hispanic White	2.89%	21.86%	75.16%	85.63%	46.68%	<b>48.22%</b>
Non-Hispanic Black	0.20%	3.08%	0.90%	0.46%	0.29%	<b>0.98%</b>
Non-Hispanic American Indian	95.36%	57.28%	9.80%	2.96%	44.86%	<b>40.12%</b>
Non-Hispanic Asian	0.22%	0.73%	0.75%	0.77%	0.71%	<b>0.65%</b>
Non-Hispanic Hawaiian	0.04%	0.08%	0.09%	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	0.15%	0.33%	0.19%	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: T L Poscharsky, Plan tlp04**

Persons

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

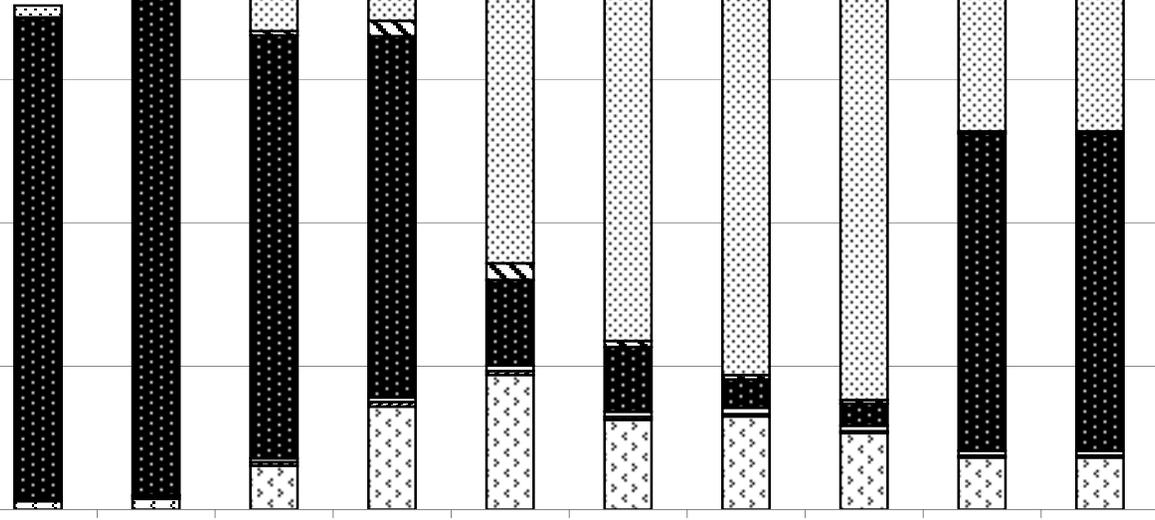
"Ideal" District Size = 21,490

-  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: T L Poscharsky, Plan tlp 04**

	<b>Current Districts</b>	<b>Proposed Plan</b>	<b>Change</b>
Population, District 1	17,566	20,817	3,251
Population, District 2	18,906	21,067	2,161
Population, District 3	22,010	21,590	-420
Population, District 4	26,855	21,863	-4,992
Population, District 5	22,122	22,112	-10
Population deviation, District 1	-3,924	-673	
Population deviation, District 2	-2,584	-423	
Population deviation, District 3	520	100	
Population deviation, District 4	5,365	373	
Population deviation, District 5	622	622	
Percent deviation, District 1	-18.26%	-3.13%	
Percent deviation, District 2	-12.02%	-1.97%	
Percent deviation, District 3	2.42%	0.47%	
Percent deviation, District 4	24.97%	1.74%	
Percent deviation, District 5	2.90%	2.90%	
Total plan deviation, number	9,289	1,295	
Total plan deviation, percent	43.23%	6.03%	
Percent voting-age Hispanic, District 1	1.05%	1.14%	0.09%
Percent voting-age Hispanic, District 2	6.67%	16.56%	9.89%
Percent voting-age Hispanic, District 3	20.47%	12.96%	-7.51%
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%	95.36%	0.08%
Percent voting-age Non-Hispanic Native American, District 2	77.77%	57.28%	-20.49%
Percent voting-age Non-Hispanic Native American, District 3	12.36%	9.80%	-2.56%
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%	0.20%	0.02%
Percent voting-age Non-Hispanic Black, District 2	0.76%	3.08%	2.32%
Percent voting-age Non-Hispanic Black, District 3	3.10%	0.90%	-2.20%
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%	97.11%	0.26%
Percent voting-age total minority residents, District 2	86.25%	78.14%	-8.11%
Percent voting-age total minority residents, District 3	37.31%	24.84%	-12.47%
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 reduces the total population variance from about 43% to 6%, but that amount is still probably too high. Aim for no more than 5% variance.

Under this plan, the voting-age minority proportion in District 2 drops from 86% to 78%. Such a change is probably not retrogressive, because it appears to leave minority residents still able to elect candidates of their choice. The almost 13 percentage-point loss in District 3 may be more of a problem because it appears to greatly weaken the ability of that district's minorities to have an influence on election outcomes.