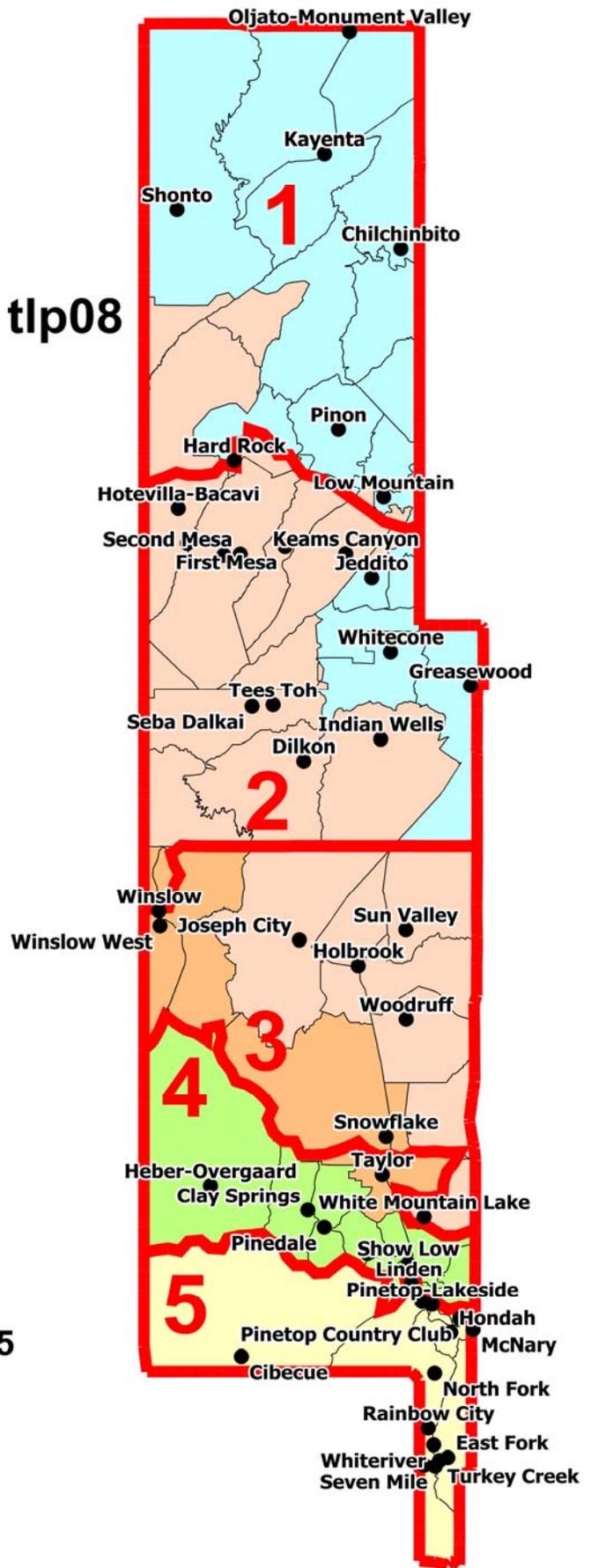
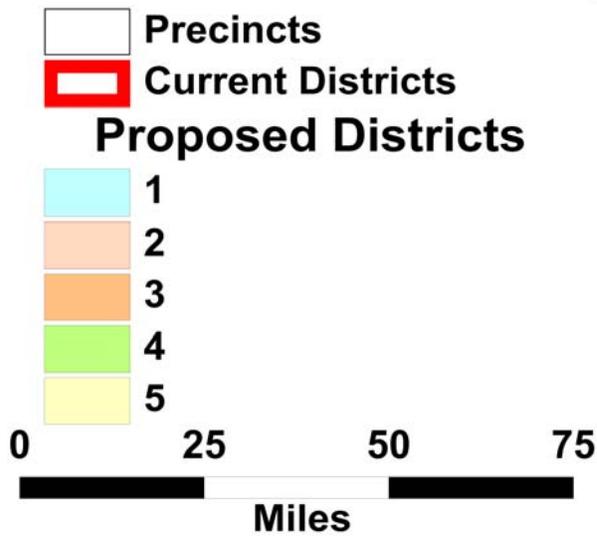


# Changes Proposed to Navajo County Supervisor Districts by T L Poscharsky, Plan tlp08



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS  
TOTAL POPULATION BY RACE AND HISPANIC ORIGIN  
PLAN SUBMITTED BY: T L Poscharsky, Plan tlp08**

| <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                      | 2,062                    | 4,659                    | 2,662                    | 1,814                    | <b>11,571</b>                               |
| Non-Hispanic White                 | 452                      | 7,224                    | 12,525                   | 18,046                   | 8,934                    | <b>47,181</b>                               |
| Non-Hispanic Black                 | 37                       | 188                      | 557                      | 130                      | 78                       | <b>990</b>                                  |
| Non-Hispanic American Indian       | 19,825                   | 11,613                   | 3,232                    | 764                      | 11,049                   | <b>46,483</b>                               |
| Non-Hispanic Asian                 | 38                       | 135                      | 149                      | 173                      | 159                      | <b>654</b>                                  |
| Non-Hispanic Hawaiian              | 11                       | 26                       | 36                       | 26                       | 17                       | <b>116</b>                                  |
| Non-Hispanic other race            | 0                        | 18                       | 35                       | 16                       | 15                       | <b>84</b>                                   |
| Non-Hispanic two or more races     | 80                       | 90                       | 108                      | 46                       | 46                       | <b>370</b>                                  |
| <b>Total Population</b>            | <b>20,817</b>            | <b>21,356</b>            | <b>21,301</b>            | <b>21,863</b>            | <b>22,112</b>            | <b>107,449</b>                              |
| <br>                               |                          |                          |                          |                          |                          |   |
| <b><u>Percent:</u></b>             |                          |                          |                          |                          |                          |   |
| Hispanic, of any race              | 1.80%                    | 9.66%                    | 21.87%                   | 12.18%                   | 8.20%                    | <b>10.77%</b>                               |
| Non-Hispanic White                 | 2.17%                    | 33.83%                   | 58.80%                   | 82.54%                   | 40.40%                   | <b>43.91%</b>                               |
| Non-Hispanic Black                 | 0.18%                    | 0.88%                    | 2.61%                    | 0.59%                    | 0.35%                    | <b>0.92%</b>                                |
| Non-Hispanic American Indian       | 95.23%                   | 54.38%                   | 15.17%                   | 3.49%                    | 49.97%                   | <b>43.26%</b>                               |
| Non-Hispanic Asian                 | 0.18%                    | 0.63%                    | 0.70%                    | 0.79%                    | 0.72%                    | <b>0.61%</b>                                |
| Non-Hispanic Hawaiian              | 0.05%                    | 0.12%                    | 0.17%                    | 0.12%                    | 0.08%                    | <b>0.11%</b>                                |
| Non-Hispanic other race            | 0.00%                    | 0.08%                    | 0.16%                    | 0.07%                    | 0.07%                    | <b>0.08%</b>                                |
| Non-Hispanic two or more races     | 0.38%                    | 0.42%                    | 0.51%                    | 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>                              |
| <br>                               |                          |                          |                          |                          |                          |   |
| Ideal Population                   | 21,490                   | 21,490                   | 21,490                   | 21,490                   | 21,490                   | <b>Total deviation:<br/>1,295<br/>6.03%</b> |
| Total Population                   | 20,817                   | 21,356                   | 21,301                   | 21,863                   | 22,112                   |   |
| Numeric deviation from Ideal Value | -673                     | -134                     | -189                     | 373                      | 622                      |   |
| Percent deviation from Ideal Value | -3.13%                   | -0.62%                   | -0.88%                   | 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 tlp08**

|                                     | <u>District 1</u> | <u>District 2</u> | <u>District 3</u> | <u>District 4</u> | <u>District 5</u> | <u>Total, All<br/>Districts</u> |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------------|
| <b><u>Voting-Age Number:</u></b>    |                   |                   |                   |                   |                   |                                 |
| Hispanic, of any race               | 155               | 1,307             | 3,096             | 1,652             | 1,097             | <b>7,307</b>                    |
| Non-Hispanic White                  | 393               | 5,594             | 8,899             | 14,388            | 7,121             | <b>36,395</b>                   |
| Non-Hispanic Black                  | 27                | 131               | 463               | 78                | 44                | <b>743</b>                      |
| Non-Hispanic American Indian        | 12,952            | 7,903             | 2,086             | 497               | 6,844             | <b>30,282</b>                   |
| Non-Hispanic Asian                  | 30                | 108               | 112               | 130               | 109               | <b>489</b>                      |
| Non-Hispanic Hawaiian               | 5                 | 9                 | 16                | 22                | 10                | <b>62</b>                       |
| Non-Hispanic other race             | 0                 | 14                | 21                | 11                | 10                | <b>56</b>                       |
| Non-Hispanic two or more races      | 20                | 32                | 45                | 24                | 21                | <b>142</b>                      |
| <b><i>Voting-Age Population</i></b> | <b>13,582</b>     | <b>15,098</b>     | <b>14,738</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%             | 8.66%             | 21.01%            | 9.83%             | 7.19%             | <b>9.68%</b>                    |
| Non-Hispanic White                  | 2.89%             | 37.05%            | 60.38%            | 85.63%            | 46.68%            | <b>48.22%</b>                   |
| Non-Hispanic Black                  | 0.20%             | 0.87%             | 3.14%             | 0.46%             | 0.29%             | <b>0.98%</b>                    |
| Non-Hispanic American Indian        | 95.36%            | 52.34%            | 14.15%            | 2.96%             | 44.86%            | <b>40.12%</b>                   |
| Non-Hispanic Asian                  | 0.22%             | 0.72%             | 0.76%             | 0.77%             | 0.71%             | <b>0.65%</b>                    |
| Non-Hispanic Hawaiian               | 0.04%             | 0.06%             | 0.11%             | 0.13%             | 0.07%             | <b>0.08%</b>                    |
| Non-Hispanic other race             | 0.00%             | 0.09%             | 0.14%             | 0.07%             | 0.07%             | <b>0.07%</b>                    |
| Non-Hispanic two or more races      | 0.15%             | 0.21%             | 0.31%             | 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 tlp08**

Persons

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

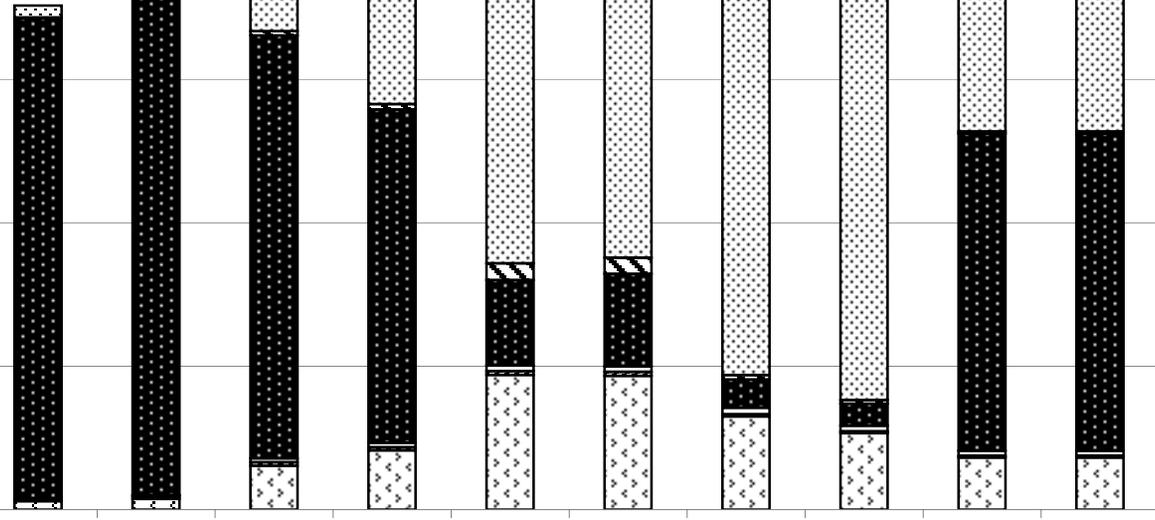
"Ideal" District Size = 21,490

-  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 tlp08**

|   | <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                   | 21,356               | 2,450         |
| Population, District 3                                      | 22,010                   | 21,301               | -709          |
| 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                   | -134                 |               |
| Population deviation, District 3                            | 520                      | -189                 |               |
| 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%                  | -0.62%               |               |
| Percent deviation, District 3                               | 2.42%                    | -0.88%               |               |
| 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%                    | 8.66%                | 1.99%         |
| Percent voting-age Hispanic, District 3                     | 20.47%                   | 21.01%               | 0.54%         |
| 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%                   | 52.34%               | -25.43%       |
| Percent voting-age Non-Hispanic Native American, District 3 | 12.36%                   | 14.15%               | 1.79%         |
| 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%                    | 0.87%                | 0.11%         |
| Percent voting-age Non-Hispanic Black, District 3           | 3.10%                    | 3.14%                | 0.04%         |
| 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%                   | 62.95%               | -23.30%       |
| Percent voting-age total minority residents, District 3     | 37.31%                   | 39.62%               | 2.31%         |
| 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 makes a significant reduction in the population deviation between districts, now down to about 6%.

The large reduction in the percent of voting-age minorities in District 2 may not reduce the ability of minority residents to elect candidates of their own choosing because the proportion was very high to begin with.