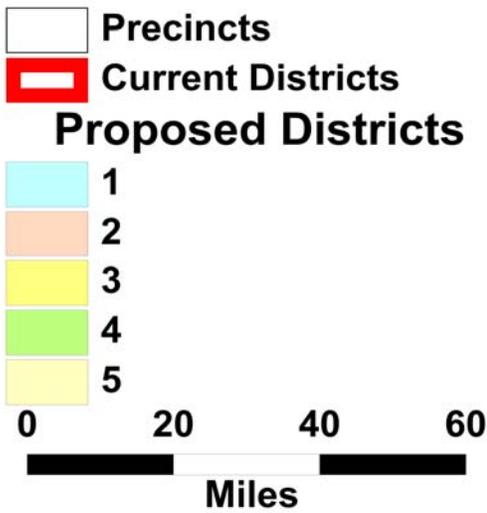
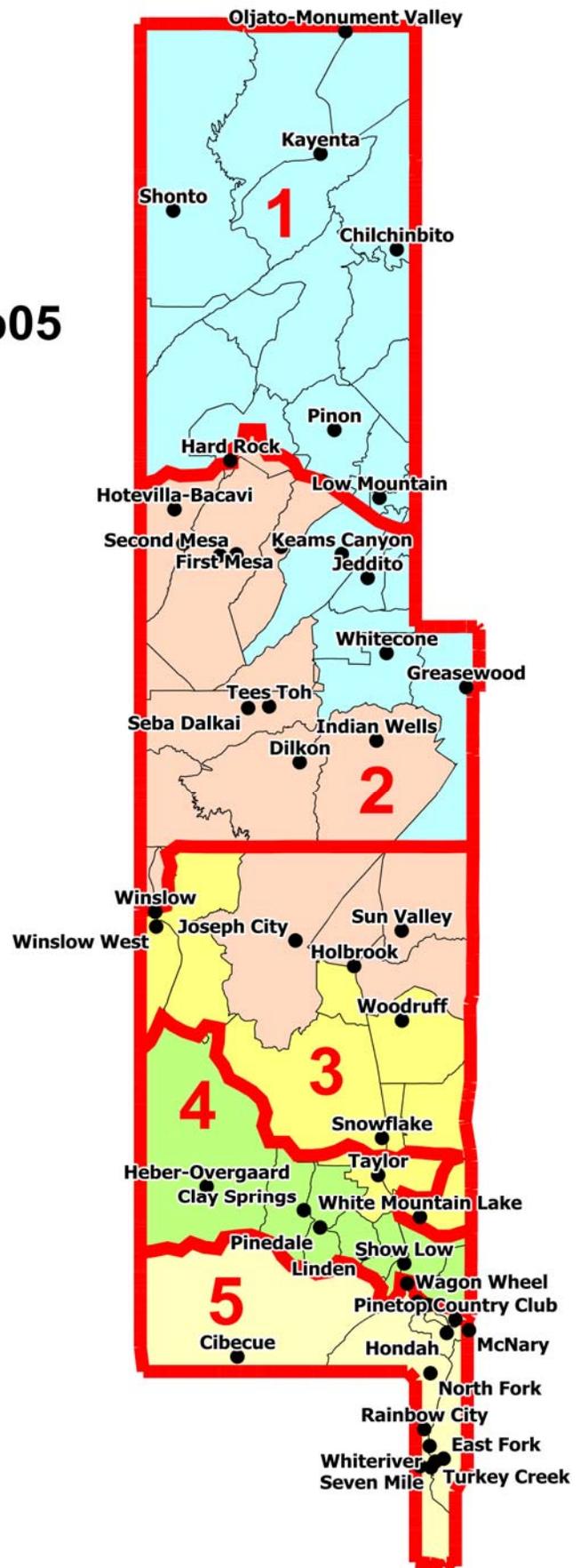


Changes Proposed to Navajo County Supervisor Districts

by T L Poscharsky, Plan tlp05



**NAVAJO COUNTY SUPERVISOR AND COMMUNITY COLLEGE DISTRICTS
TOTAL POPULATION BY RACE AND HISPANIC ORIGIN
PLAN SUBMITTED BY: T L Poscharsky, Plan tlp05**

<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	389	2,571	4,135	2,662	1,814	11,571
Non-Hispanic White	496	4,989	14,716	18,046	8,934	47,181
Non-Hispanic Black	38	231	513	130	78	990
Non-Hispanic American Indian	20,437	12,269	1,964	764	11,049	46,483
Non-Hispanic Asian	38	140	144	173	159	654
Non-Hispanic Hawaiian	11	27	35	26	17	116
Non-Hispanic other race	0	16	37	16	15	84
Non-Hispanic two or more races	81	127	70	46	46	370
Total Population	21,490	20,370	21,614	21,863	22,112	107,449
<u>Percent:</u>						
Hispanic, of any race	1.81%	12.62%	19.13%	12.18%	8.20%	10.77%
Non-Hispanic White	2.31%	24.49%	68.09%	82.54%	40.40%	43.91%
Non-Hispanic Black	0.18%	1.13%	2.37%	0.59%	0.35%	0.92%
Non-Hispanic American Indian	95.10%	60.23%	9.09%	3.49%	49.97%	43.26%
Non-Hispanic Asian	0.18%	0.69%	0.67%	0.79%	0.72%	0.61%
Non-Hispanic Hawaiian	0.05%	0.13%	0.16%	0.12%	0.08%	0.11%
Non-Hispanic other race	0.00%	0.08%	0.17%	0.07%	0.07%	0.08%
Non-Hispanic two or more races	0.38%	0.62%	0.32%	0.21%	0.21%	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: 1,742 8.11%
Total Population	21,490	20,370	21,614	21,863	22,112	
Numeric deviation from Ideal Value	0	-1,120	124	373	622	
Percent deviation from Ideal Value	0.00%	-5.21%	0.58%	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 tlp05**

	<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>
<u>Voting-Age Number:</u>						
Hispanic, of any race	162	1,546	2,850	1,652	1,097	7,307
Non-Hispanic White	430	3,757	10,699	14,388	7,121	36,395
Non-Hispanic Black	28	152	441	78	44	743
Non-Hispanic American Indian	13,362	8,281	1,298	497	6,844	30,282
Non-Hispanic Asian	30	106	114	130	109	489
Non-Hispanic Hawaiian	5	13	12	22	10	62
Non-Hispanic other race	0	9	26	11	10	56
Non-Hispanic two or more races	21	45	31	24	21	142
<i>Voting-Age Population</i>	14,038	13,909	15,471	16,802	15,256	75,476
<u>Voting-Age Percent:</u>						
Hispanic, of any race	1.15%	11.12%	18.42%	9.83%	7.19%	9.68%
Non-Hispanic White	3.06%	27.01%	69.16%	85.63%	46.68%	48.22%
Non-Hispanic Black	0.20%	1.09%	2.85%	0.46%	0.29%	0.98%
Non-Hispanic American Indian	95.18%	59.54%	8.39%	2.96%	44.86%	40.12%
Non-Hispanic Asian	0.21%	0.76%	0.74%	0.77%	0.71%	0.65%
Non-Hispanic Hawaiian	0.04%	0.09%	0.08%	0.13%	0.07%	0.08%
Non-Hispanic other race	0.00%	0.06%	0.17%	0.07%	0.07%	0.07%
Non-Hispanic two or more races	0.15%	0.32%	0.20%	0.14%	0.14%	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

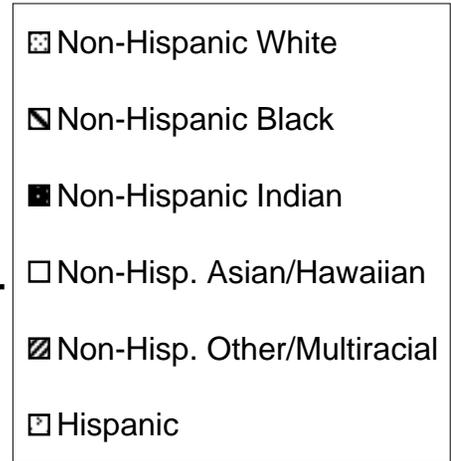
**Race and Origin Composition of Current and Proposed Navajo County
Supervisor and Community College Districts
Plan submitted by: T L Poscharsky, Plan tlp05**

Persons

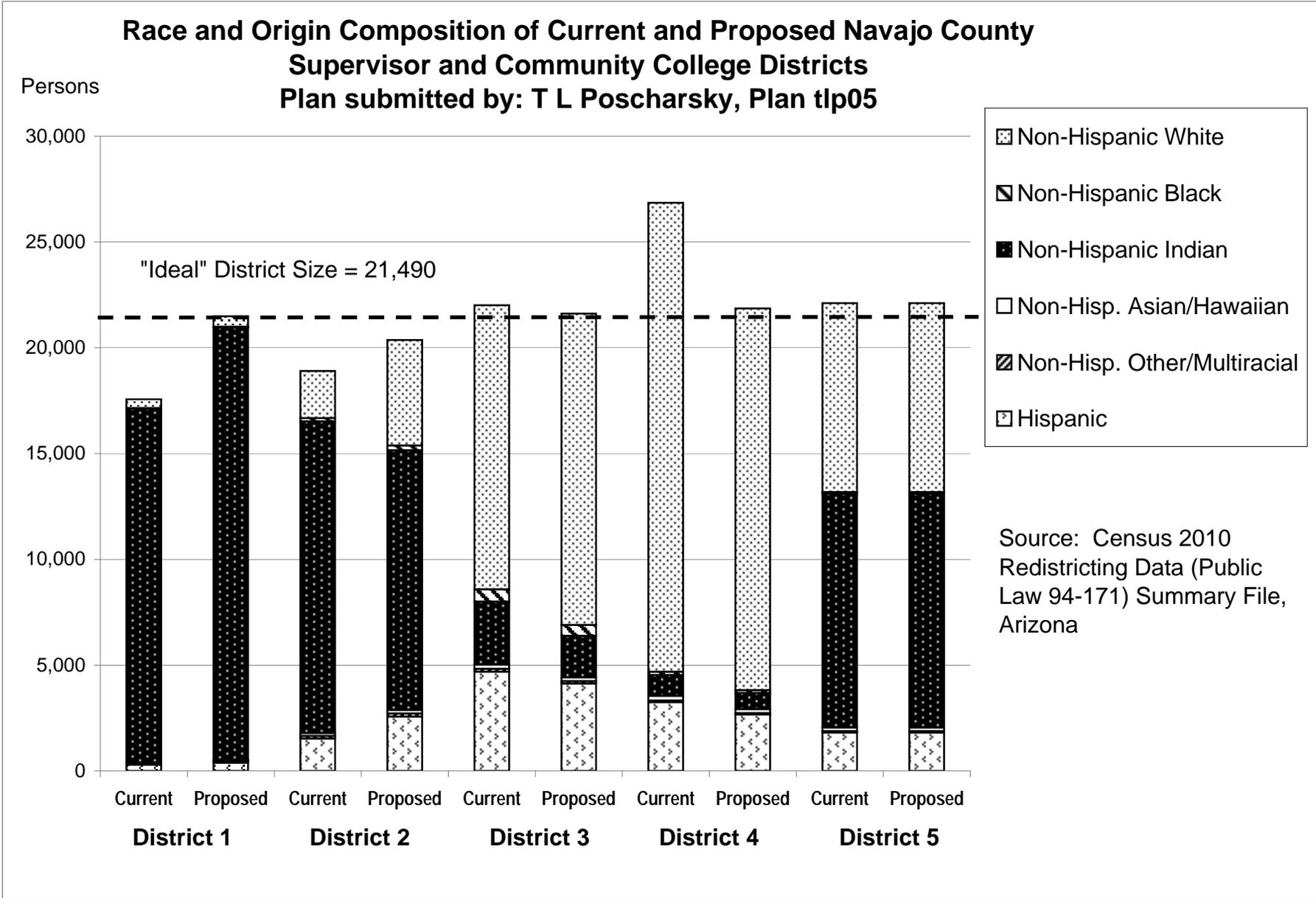
30,000
25,000
20,000
15,000
10,000
5,000
0

"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: T L Poscharsky, Plan tlp05

	Current Districts	Proposed Plan	Change
Population, District 1	17,566	21,490	3,924
Population, District 2	18,906	20,370	1,464
Population, District 3	22,010	21,614	-396
Population, District 4	26,855	21,863	-4,992
Population, District 5	22,122	22,112	-10
Population deviation, District 1	-3,924	0	
Population deviation, District 2	-2,584	-1,120	
Population deviation, District 3	520	124	
Population deviation, District 4	5,365	373	
Population deviation, District 5	622	622	
Percent deviation, District 1	-18.26%	0.00%	
Percent deviation, District 2	-12.02%	-5.21%	
Percent deviation, District 3	2.42%	0.58%	
Percent deviation, District 4	24.97%	1.74%	
Percent deviation, District 5	2.90%	2.90%	
Total plan deviation, number	9,289	1,742	
Total plan deviation, percent	43.23%	8.11%	
Percent voting-age Hispanic, District 1	1.05%	1.15%	0.10%
Percent voting-age Hispanic, District 2	6.67%	11.12%	4.45%
Percent voting-age Hispanic, District 3	20.47%	18.42%	-2.05%
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%	95.18%	-0.10%
Percent voting-age Non-Hispanic Native American, District 2	77.77%	59.54%	-18.23%
Percent voting-age Non-Hispanic Native American, District 3	12.36%	8.39%	-3.97%
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%	1.09%	0.33%
Percent voting-age Non-Hispanic Black, District 3	3.10%	2.85%	-0.25%
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%	96.94%	0.09%
Percent voting-age total minority residents, District 2	86.25%	72.99%	-13.26%
Percent voting-age total minority residents, District 3	37.31%	30.84%	-6.47%
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 makes a significant reduction in the population deviation between districts, but the deviation may still be too large. Aim for a variance of less than 5%.

The 13 percentage-point drop in voting-age minority residents in District 2 is probably not retrogressive because the proportion was very high to begin with. However, the 6 percentage-point drop in District 3 will probably be viewed as damaging to minority voting strength.