Change report: Navajo Nation Change 120911

OLD MAP: LEG-WORKING_MAP-120811

NEW MAP : LEG-DRAFT_CHANGE-NAVAJO_NATION_CHANGE_120911V2

DISTRICTS CHAN 1, 5, 6 & 7

POPULATION - Navajo Nation Change 120911

| | LATION - Navajo Nation Change CATEGORY | OLD DIST | RICT | NEW DIST | RICT | CHANGE | |
|---|---|----------|-------|-----------------|-------|--------|-------|
| | | # | % | # | % | # | % |
| 1 | Deviation from Ideal Population | -5,165 | -2.4% | 3,271 | 1.5% | 8,436 | 4.0% |
| 1 | NH White | 145,456 | 70.0% | 149,510 | 69.1% | 4,054 | -0.9% |
| 1 | Hispanic | 44,473 | 21.4% | 48,513 | 22.4% | 4,040 | 1.0% |
| 1 | NH Native-American | 1,672 | 0.8% | 1,814 | 0.8% | 142 | 0.0% |
| 1 | NH African-American | 7,069 | 3.4% | 7,148 | 3.3% | 79 | -0.1% |
| 1 | Total minority | 62,446 | 30.0% | 66,829 | 30.9% | 4,383 | 0.9% |
| 1 | 18+ NH White | 119,958 | 73.9% | 123,061 | 73.1% | 3,103 | -0.8% |
| 1 | 18+ Hispanic | 29,393 | 18.1% | 32,031 | 19.0% | 2,638 | 0.9% |
| 1 | 18+ NH Native American | 1,352 | 0.8% | 1,451 | 0.9% | 99 | 0.0% |
| 1 | 18+ African-American | 5,447 | 3.4% | 5,498 | 3.3% | 51 | -0.1% |
| 1 | 18+ total minority | 42,464 | 26.1% | 45,335 | 26.9% | 2,871 | 0.8% |
| 1 | Hispanic CVAP | 21,986 | 15.3% | 24,221 | 16.2% | 2,235 | 1.0% |
| 1 | Hispanic Registration | 13,135 | 10.9% | 14,653 | 11.7% | 1,518 | 0.8% |
| 1 | 2004 Prop 200 Yes | 40,631 | 58.9% | 41,973 | 58.4% | 1,342 | -0.5% |
| 1 | 2004 President Dem | 25,997 | 36.0% | 27,143 | 36.1% | 1,146 | 0.1% |
| 1 | 2006 Sec of St Dem | 20,188 | 35.9% | 21,253 | 36.5% | 1,065 | 0.6% |
| 1 | 2008 President Dem | 31,077 | 35.9% | 32,242 | 36.0% | 1,165 | 0.1% |
| 1 | 2010 Mine Dem | 24,227 | 35.0% | 25,415 | 35.5% | 1,188 | 0.5% |
| | | 1 | | | | | |
| 5 | Deviation from Ideal Population | -4,531 | -2.1% | 5,972 | 2.8% | 10,503 | 4.9% |
| 5 | NH White | 163,166 | 78.2% | 172,081 | 78.6% | 8,915 | 0.3% |
| 5 | Hispanic | 32,886 | 15.8% | 34,316 | 15.7% | 1,430 | -0.1% |
| 5 | NH Native-American | 4,558 | 2.2% | 4,609 | 2.1% | 51 | -0.1% |
| 5 | NH African-American | 1,809 | 0.9% | 1,822 | 0.8% | 13 | 0.0% |
| 5 | Total minority | 45,370 | 21.8% | 46,959 | 21.4% | 1,589 | -0.3% |
| 5 | 18+ NH White | 138,866 | 82.2% | 143,620 | 82.2% | 4,754 | 0.1% |
| 5 | 18+ Hispanic | 21,191 | 12.5% | 22,009 | 12.6% | 818 | 0.1% |
| 5 | 18+ NH Native American | 3,260 | 1.9% | 3,291 | 1.9% | 31 | 0.0% |
| 5 | 18+ African-American | 1,415 | 0.8% | 1,424 | 0.8% | 9 | 0.0% |
| 5 | 18+ total minority | 30,170 | 17.8% | 31,081 | 17.8% | 911 | -0.1% |
| 5 | Hispanic CVAP | 14,275 | 9.2% | 14,425 | 9.1% | 150 | -0.1% |
| 5 | Hispanic Registration | 8,866 | 7.4% | 9,046 | 7.3% | 180 | -0.1% |
| 5 | 2004 Prop 200 Yes | 36,542 | 64.9% | 36,694 | 64.5% | 152 | -0.5% |
| 5 | 2004 President Dem | 22,144 | 36.1% | 22,170 | 35.7% | 26 | -0.3% |
| 5 | 2006 Sec of St Dem | 15,336 | 33.9% | 15,374 | 33.8% | 38 | -0.1% |
| 5 | 2008 President Dem | 23,586 | 33.6% | 23,887 | 33.3% | 301 | -0.2% |
| 5 | 2010 Mine Dem | 14,419 | 27.5% | 14,623 | 27.2% | 204 | -0.4% |

| 6 | Deviation from Ideal Population | 1,762 | 0.8% | -9,912 | -4.7% | -11,674 | -5.5% |
|---|---------------------------------|---------|-------|---------|-------|---------|-------|
| 6 | NH White | 161,123 | 75.0% | 150,953 | 74.3% | -10,170 | -0.7% |
| 6 | Hispanic | 32,825 | 15.3% | 31,382 | 15.4% | -1,443 | 0.2% |
| 6 | NH Native-American | 12,388 | 5.8% | 12,404 | 6.1% | 16 | 0.3% |
| 6 | NH African-American | 1,950 | 0.9% | 1,958 | 1.0% | 8 | 0.1% |
| 6 | Total minority | 53,707 | 25.0% | 52,202 | 25.7% | -1,505 | 0.7% |
| 6 | 18+ NH White | 134,054 | 78.9% | 126,163 | 78.2% | -7,891 | -0.7% |
| 6 | 18+ Hispanic | 21,050 | 12.4% | 20,198 | 12.5% | -852 | 0.1% |
| 6 | 18+ NH Native American | 8,622 | 5.1% | 8,752 | 5.4% | 130 | 0.4% |
| 6 | 18+ African-American | 1,591 | 0.9% | 1,605 | 1.0% | 14 | 0.1% |
| 6 | 18+ total minority | 35,880 | 21.1% | 35,183 | 21.8% | -697 | 0.7% |
| 6 | Hispanic CVAP | 12,510 | 8.3% | 11,420 | 8.1% | -1,090 | -0.2% |
| 6 | Hispanic Registration | 7,457 | 6.6% | 7,293 | 6.6% | -164 | 0.0% |
| 6 | 2004 Prop 200 Yes | 45,413 | 52.6% | 42,999 | 52.0% | -2,414 | -0.6% |
| 6 | 2004 President Dem | 42,317 | 46.1% | 41,622 | 47.4% | -695 | 1.2% |
| 6 | 2006 Sec of St Dem | 27,821 | 41.6% | 27,393 | 42.8% | -428 | 1.2% |
| 6 | 2008 President Dem | 41,262 | 44.5% | 40,722 | 46.1% | -540 | 1.6% |
| 6 | 2010 Mine Dem | 27,235 | 40.3% | 26,618 | 41.7% | -617 | 1.4% |
| | | | | | | | |
| 7 | Deviation from Ideal Population | -2,753 | -1.3% | -10,019 | -4.7% | -7,266 | -3.4% |
| 7 | NH White | 53,175 | 25.3% | 50,376 | 24.8% | -2,799 | -0.5% |
| | | | | | | | |

| 7 | Deviation from Ideal Population | -2,753 | -1.3% | -10,019 | -4.7% | -7,266 | -3.4% |
|---|---------------------------------|---------|-------|---------|-------|--------|-------|
| 7 | NH White | 53,175 | 25.3% | 50,376 | 24.8% | -2,799 | -0.5% |
| 7 | Hispanic | 17,909 | 8.5% | 13,882 | 6.8% | -4,027 | -1.7% |
| 7 | NH Native-American | 134,050 | 63.7% | 133,841 | 65.9% | -209 | 2.2% |
| 7 | NH African-American | 1,014 | 0.5% | 914 | 0.5% | -100 | 0.0% |
| 7 | Total minority | 157,139 | 74.7% | 152,672 | 75.2% | -4,467 | 0.5% |
| 7 | 18+ NH White | 39,982 | 28.1% | 40,016 | 28.7% | 34 | 0.6% |
| 7 | 18+ Hispanic | 11,151 | 7.8% | 8,547 | 6.1% | -2,604 | -1.7% |
| 7 | 18+ NH Native American | 88,113 | 61.9% | 87,853 | 63.1% | -260 | 1.2% |
| 7 | 18+ African-American | 852 | 0.6% | 778 | 0.6% | -74 | 0.0% |
| 7 | 18+ total minority | 102,337 | 71.9% | 99,252 | 71.3% | -3,085 | -0.6% |
| 7 | Hispanic CVAP | 7,745 | 5.8% | 6,450 | 4.7% | -1,295 | -1.0% |
| 7 | Hispanic Registration | 6,279 | 5.2% | 4,745 | 4.1% | -1,534 | -1.1% |
| 7 | 2004 Prop 200 Yes | 26,349 | 51.8% | 27,269 | 53.6% | 920 | 1.7% |
| 7 | 2004 President Dem | 35,825 | 61.2% | 35,348 | 60.2% | -477 | -1.0% |
| 7 | 2006 Sec of St Dem | 26,257 | 64.0% | 25,582 | 61.4% | -675 | -2.6% |
| 7 | 2008 President Dem | 40,097 | 62.1% | 39,171 | 60.5% | -926 | -1.5% |
| 7 | 2010 Mine Dem | 32,942 | 64.4% | 32,167 | 63.0% | -775 | -1.4% |

SPLITS - Navajo Nation Change 120911

| GEOGRAPHY | OLD PLAN | | | NEW PLAI | V | | CHANGE | | | |
|----------------|----------|---------|----------|-----------------|---------|----------|---------|---------|----------|--|
| | UNSPLIT | 2 DISTS | 3+ DISTS | UNSPLIT | 2 DISTS | 3+ DISTS | UNSPLIT | 2 DISTS | 3+ DISTS | |
| County | 4 | 6 | 5 | 4 | 6 | 5 | 0 | 0 | 0 | |
| Census Place | 430 | 22 | 12 | 430 | 22 | 12 | 0 | 0 | 0 | |
| Census Tract | 1,338 | 181 | 7 | 1,335 | 184 | 7 | -3 | 3 | 0 | |
| Census Blk Grp | 3,979 | 194 | 5 | 3,977 | 196 | 5 | -2 | 2 | 0 | |
| Reservation | 16 | 5 | 1 | 15 | 6 | 1 | -1 | 1 | 0 | |
| Tribal Subdiv | 143 | 2 | 1 | 142 | 3 | 1 | -1 | 1 | 0 | |

COMPETITIVENESS - Navaio Nation Change 120911

| DIST | MEASURE | OLD PLAN | | | NEW PLA | N | | CHANGE | | | |
|------|--------------------|----------|-------|--------|----------------|-------|-------|--------|-------|-------|--|
| | | REP % | DEM % | DIFF | REP % | DEM % | DIFF | REP % | DEM % | DIFF | |
| 1 | Index2 | 62.4% | 37.6% | 24.8% | 62.0% | 38.0% | 24.0% | -0.4% | 0.4% | -0.8% | |
| 1 | Index3 | 62.2% | 37.8% | 24.4% | 61.4% | 38.6% | 22.8% | -0.8% | 0.8% | -1.6% | |
| 1 | Index4 | 63.5% | 36.5% | 27.0% | 63.1% | 36.9% | 26.2% | -0.4% | 0.4% | -0.8% | |
| 1 | Index5 | 63.2% | 36.8% | 26.4% | 62.6% | 37.4% | 25.2% | -0.6% | 0.6% | -1.2% | |
| | | % REP | % DEM | % OTH | % REP | % DEM | % ОТН | % REP | % DEM | % ОТН | |
| 1 | Registration | 42.2% | 26.2% | 31.6% | 41.6% | 27.2% | 31.2% | -0.6% | 1.0% | -0.4% | |
| 1 | 2-way Registration | 61.7% | 38.3% | | 60.4% | 39.6% | | -1.3% | 1.3% | | |
| | <u>.</u> | | 0.00/ | 00.00/ | | | | | | | |
| | Index2 | 65.4% | 34.6% | | | | | 0.2% | | | |
| | Index3 | 64.3% | 35.7% | 28.6% | 64.6% | 35.4% | | 0.3% | -0.3% | 0.6% | |
| | Index4 | 65.2% | 34.8% | | 65.4% | 34.6% | 30.8% | 0.2% | | | |
| 5 | Index5 | 64.6% | 35.4% | 29.2% | 64.9% | 35.1% | 29.8% | 0.3% | -0.3% | 0.6% | |
| | | % REP | % DEM | % OTH | % REP | % DEM | % OTH | % REP | % DEM | % OTH | |
| | Registration | 39.5% | 24.1% | 36.4% | 39.7% | 23.7% | 36.6% | 0.2% | -0.4% | 0.2% | |
| 5 | 2-way Registration | 62.1% | 37.9% | | 62.6% | 37.4% | | 0.5% | -0.5% | | |
| | | | | | | | | | _ | | |
| 6 | Index2 | 55.4% | 44.6% | 10.8% | 54.1% | 45.9% | 8.2% | -1.3% | 1.3% | -2.6% | |
| 6 | Index3 | 55.9% | 44.1% | 11.8% | 54.8% | 45.2% | 9.6% | -1.1% | 1.1% | -2.2% | |
| 6 | Index4 | 56.5% | 43.5% | 13.0% | 55.4% | 44.6% | 10.8% | -1.1% | 1.1% | -2.2% | |
| 6 | Index5 | 56.6% | 43.4% | 13.2% | 55.5% | 44.5% | 11.0% | -1.1% | 1.1% | -2.2% | |
| | | % REP | % DEM | % OTH | % REP | % DEM | % OTH | % REP | % DEM | % OTH | |
| 6 | Registration | 38.4% | 29.0% | 32.6% | 37.6% | 29.4% | 33.0% | -0.8% | 0.4% | 0.4% | |
| 6 | 2-way Registration | 57.0% | 43.0% | | 56.1% | 43.9% | | -0.9% | 0.9% | | |
| | | | 1 | 1 | 1 | 1 | 1 | 1 | ı | 1 | |
| | Index2 | 34.7% | 65.3% | 30.6% | | | | 1.6% | -1.6% | | |
| 7 | Index3 | 31.9% | 68.1% | 36.2% | 33.0% | | | 1.1% | -1.1% | | |
| 7 | Index4 | 38.1% | 61.9% | 23.8% | 39.6% | 60.4% | 20.8% | 1.5% | -1.5% | -3.0% | |
| 7 | Index5 | 35.7% | 64.3% | | 37.0% | 63.0% | | 1.3% | -1.3% | | |
| | | % REP | % DEM | % OTH | % REP | % DEM | % OTH | % REP | % DEM | % OTH | |
| | Registration | 19.0% | 53.6% | 27.3% | 19.3% | 53.8% | | 0.3% | 0.2% | | |
| 7 | 2-way Registration | 26.2% | 73.8% | | 26.4% | 73.6% | | 0.2% | -0.2% | | |

Index 2: Average of 2008 and 2010, each year weighted equally

Index 3: Average of 2008, 2010 and % of major party Registration, each of the three components weighted equally

Index 4: Average of 2004, 2006, 2008 and 2010, each year weighted equally

Index 5: Average of 2004, 2006, 2008, 2010 and % of major party registration, each component weighted equally

POULATION FROM EXISTING (2010) DISTRICTS - Navajo Nation Change 120911

| NEW | EXISTING | % OF | % VA | % VA | % OF | % OF | MIN | MIN |
|-----|-----------------|----------|--------|--------|----------|----------|-------|---------|
| LD | LD | NEW | HISP | MIN | NEW | NEW | CANDS | CANDS |
| | | DISTRICT | | | DISTRICT | DISTRICT | | ELECTED |
| | | VAP | | | HISP VAP | MIN VAP | | |
| 1 | 30 | 53.8% | 13.7% | 23.5% | 38.8% | 47.0% | 0 | 0 |
| 1 | 25 | 25.8% | 19.0% | 24.3% | 25.8% | 23.3% | 6 | 3 |
| 1 | 5 | 17.7% | 34.8% | 40.5% | 32.3% | 26.5% | 0 | 0 |
| 1 | 29 | 2.7% | 22.5% | 31.6% | 3.2% | 3.1% | 9 | 8 |
| 1 | 26 | 0.0% | 0.0% | 25.0% | 0.0% | 0.0% | 0 | 0 |
| | | | | | | | | |
| 5 | 3 | 94.8% | 11.7% | 16.2% | 88.0% | 86.2% | 1 | 0 |
| 5 | 24 | 5.1% | 29.3% | 47.5% | 12.0% | 13.8% | 4 | 3 |
| 5 | 2 | 0.0% | 100.0% | 100.0% | 0.0% | 0.0% | 10 | 8 |
| | | | | | | | | |
| 6 | 1 | 40.7% | 12.5% | 18.6% | 40.5% | 34.8% | 0 | 0 |
| 6 | 2 | 32.8% | 15.6% | 31.4% | 40.9% | 47.1% | 10 | 8 |
| 6 | 5 | 26.5% | 8.8% | 14.9% | 18.6% | 18.1% | 0 | 0 |
| | | | | | | | | |
| 7 | 2 | 52.9% | 1.4% | 97.0% | 11.9% | 72.0% | 10 | 8 |
| 7 | 5 | 40.1% | 12.5% | 44.6% | 81.3% | 25.1% | 0 | 0 |
| 7 | 3 | 5.0% | 5.7% | 34.6% | 4.6% | 2.4% | 1 | 0 |
| 7 | 1 | 2.1% | 6.8% | 17.2% | 2.3% | 0.5% | 0 | 0 |
| 7 | 4 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 1 | 0 |