



Pittsylvania County Redistricting 2021



ARC Bridge Consulting & Training Inc.

www.arcbridge.com

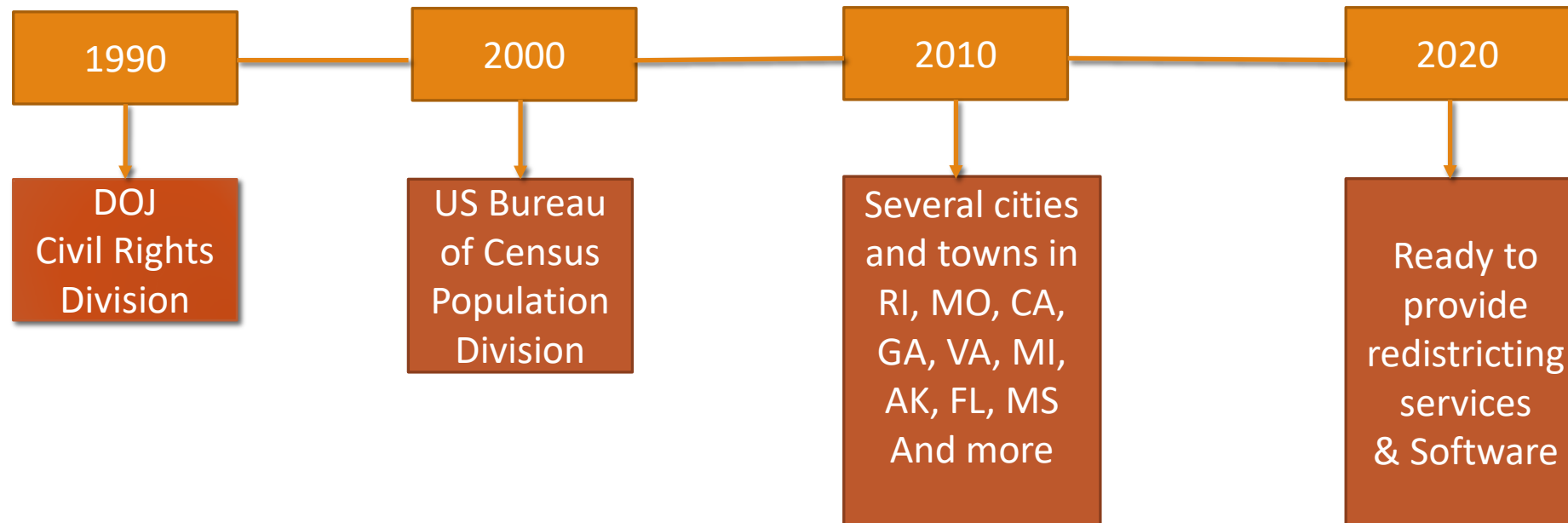
ARCBridge Consulting

Totally Non-Partisan

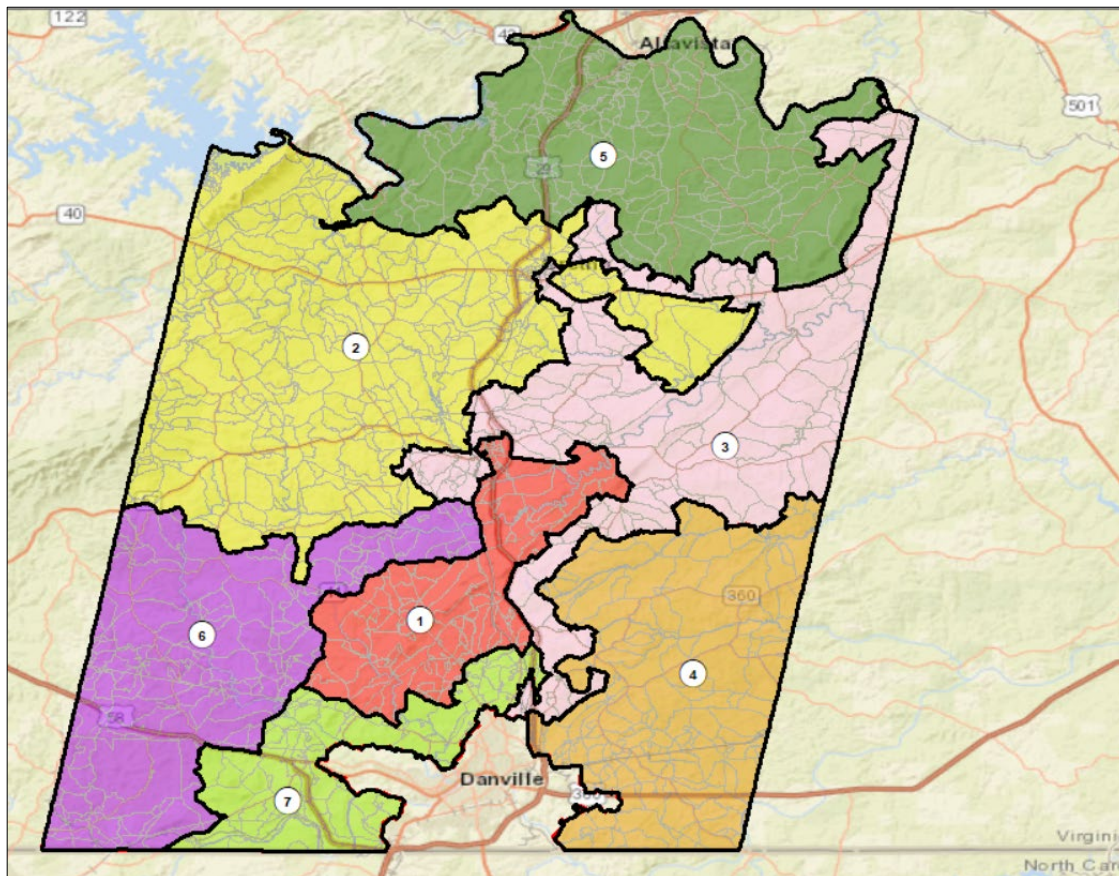
Incorporated in 1994, ARCBridge has over 25 years of experience with demographic and mapping services

Woman-owned small business

Now in the 4th cycle of redistricting



Census 2020 Data Report for Pittsylvania County VA



| | |
|--|--------|
| Population in 2010 | 63,506 |
| Population in 2020 | 60,501 |
| Prison Adjusted Population – 2020 | 60,170 |
| Loss 2010-2020 | 3,005 |
| Loss 2010-2020 adjusted with Prison Population | 3,336 |
| Prison Population | 331 |

2020 As-Is

2020

| District | Count | Optimum | Deviation | Deviation % |
|----------|-------|---------|-----------|-------------|
| 1 | 8809 | 8643 | 166 | 1.92% |
| 2 | 8342 | 8643 | -301 | -3.48% |
| 3 | 8282 | 8643 | -361 | -4.18% |
| 4 | 8850 | 8643 | 207 | 2.40% |
| 5 | 8231 | 8643 | -412 | -4.77% |
| 6 | 8824 | 8643 | 181 | 2.09% |
| 7 | 9163 | 8643 | 520 | 6.02% |

Maximum Deviation – 10.78%

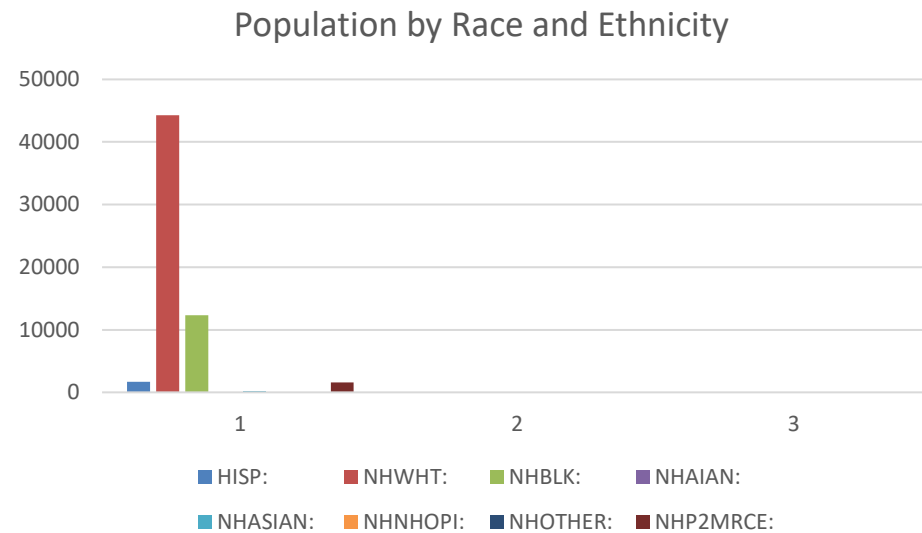
2020 with Prison Adjusted Population

| District | Count | Optimum | Deviation | Deviation % |
|----------|-------|---------|-----------|-------------|
| 1 | 8787 | 8596 | 191 | 2.22% |
| 2 | 8402 | 8596 | -194 | -2.26% |
| 3 | 7621 | 8596 | -975 | -11.34% |
| 4 | 8914 | 8596 | 318 | 3.70% |
| 5 | 8312 | 8596 | -284 | -3.30% |
| 6 | 8900 | 8596 | 304 | 3.54% |
| 7 | 9234 | 8596 | 638 | 7.42% |

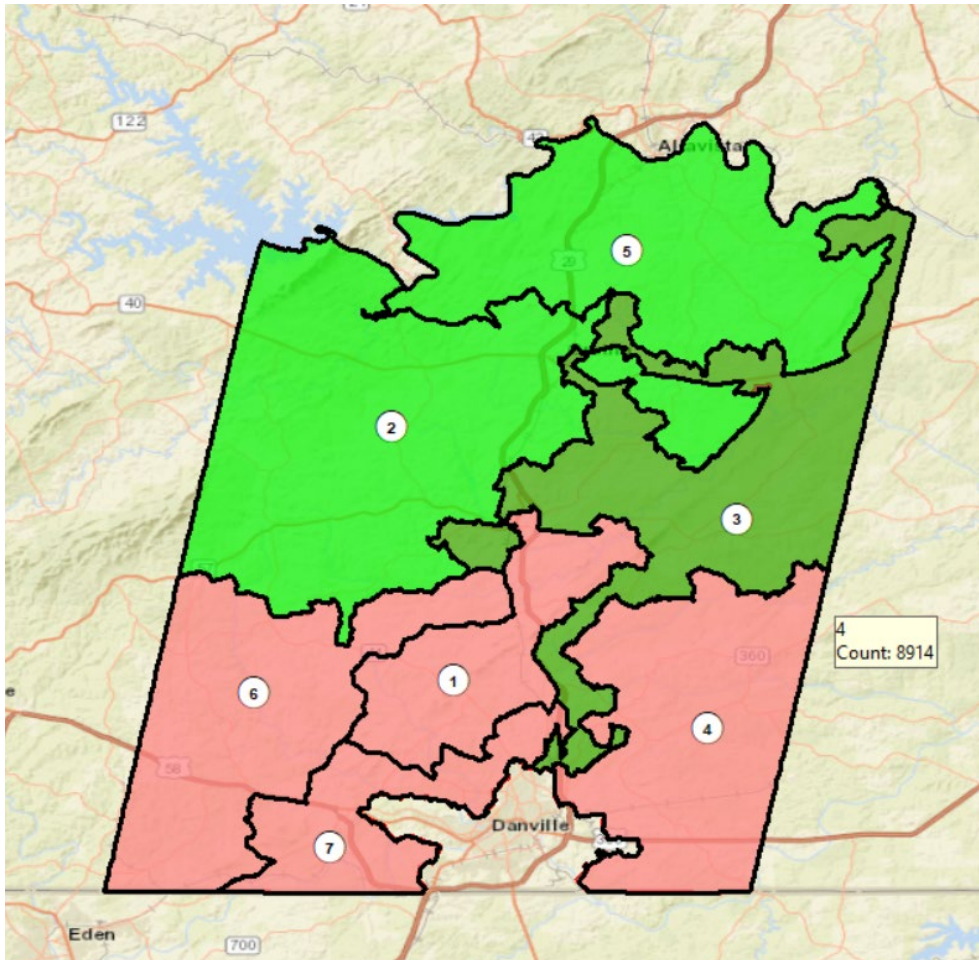
Maximum Deviation – 18.76%

Population by Race and Ethnicity in 2020

| Race and Ethnicity | Total Numbers | Percentage |
|-------------------------------|---------------|------------|
| HISP: | 1712 | 2.83% |
| NHWHT: | 44277 | 73.18% |
| NHBLK: | 12354 | 20.42% |
| NHAIAN: | 93 | 0.15% |
| NHASIAN: | 289 | 0.48% |
| NHNHOPI: | 17 | 0.03% |
| NHOTHER: | 128 | 0.21% |
| NH Persons of 2 or more races | 1631 | 2.70% |
| Total | 60501 | 100.00% |



Districts have to be adjusted – Max Deviation is > 10% (Maximum Deviation – 18.76% with Prison-Adjusted Population)



| District | Count | Optimum | Deviation | Deviation % |
|----------|-------|---------|-----------|-------------|
| 1 | 8787 | 8596 | 191 | 2.22% |
| 2 | 8402 | 8596 | -194 | -2.26% |
| 3 | 7621 | 8596 | -975 | -11.34% |
| 4 | 8914 | 8596 | 318 | 3.70% |
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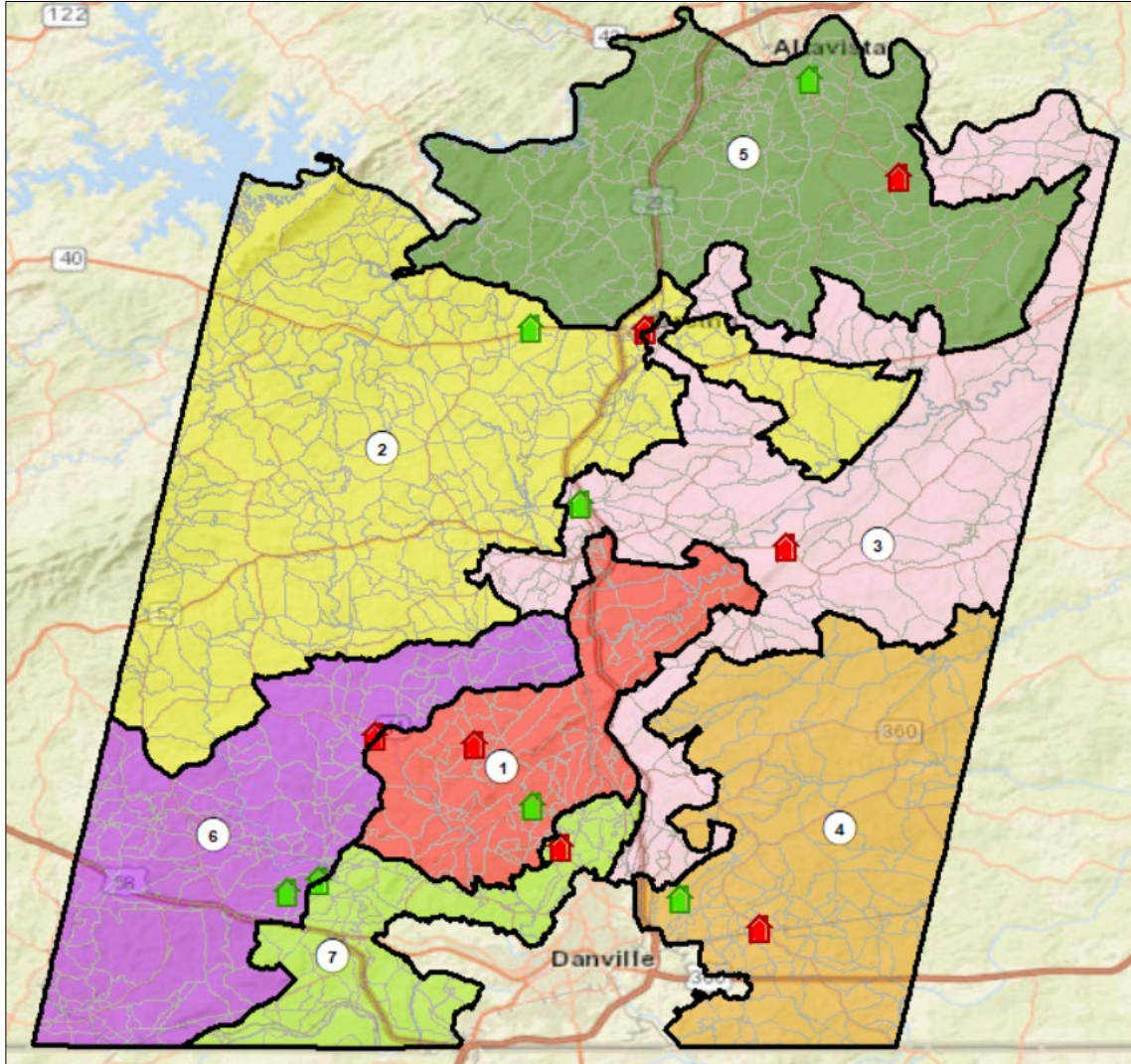
District 7 has the most population
District 3 has the least population

Comparison
with ideal
population

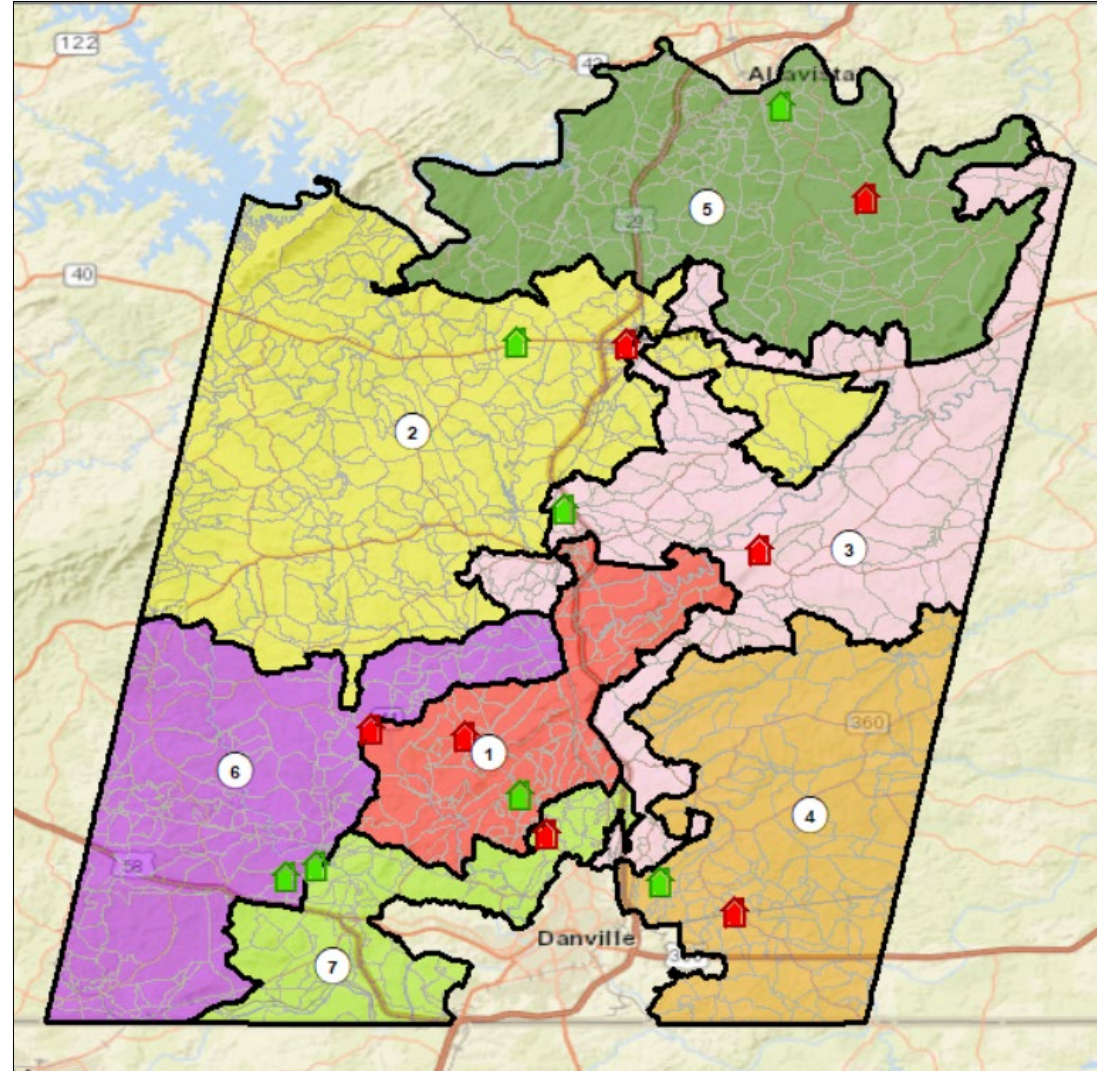
- > 10% Below
- < 10% Below
- None
- < 10% Above
- > 10% Above

Proposed Plan A vs. Current Districts. Plan A has a Majority-Minority District

Plan A – Maximum Deviation – 3.52%



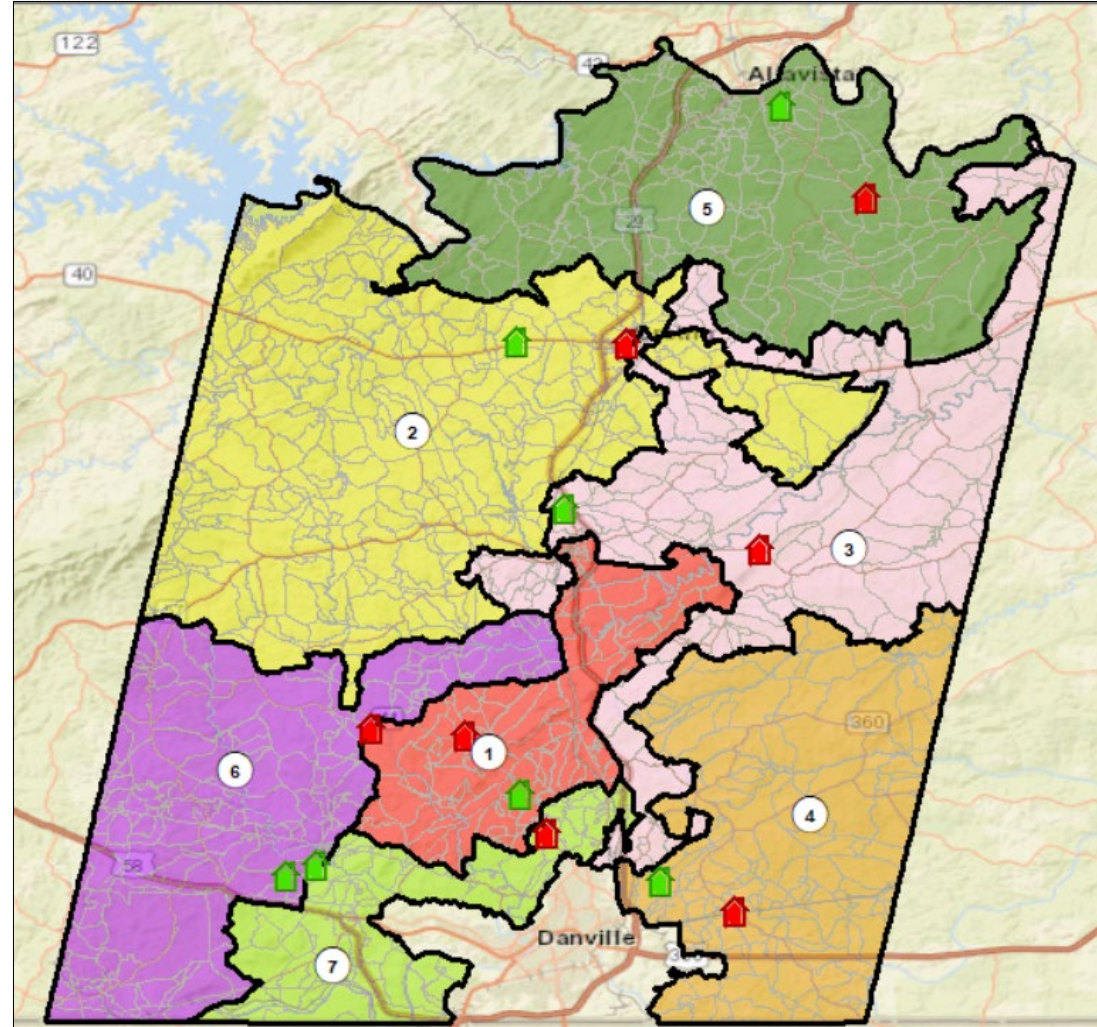
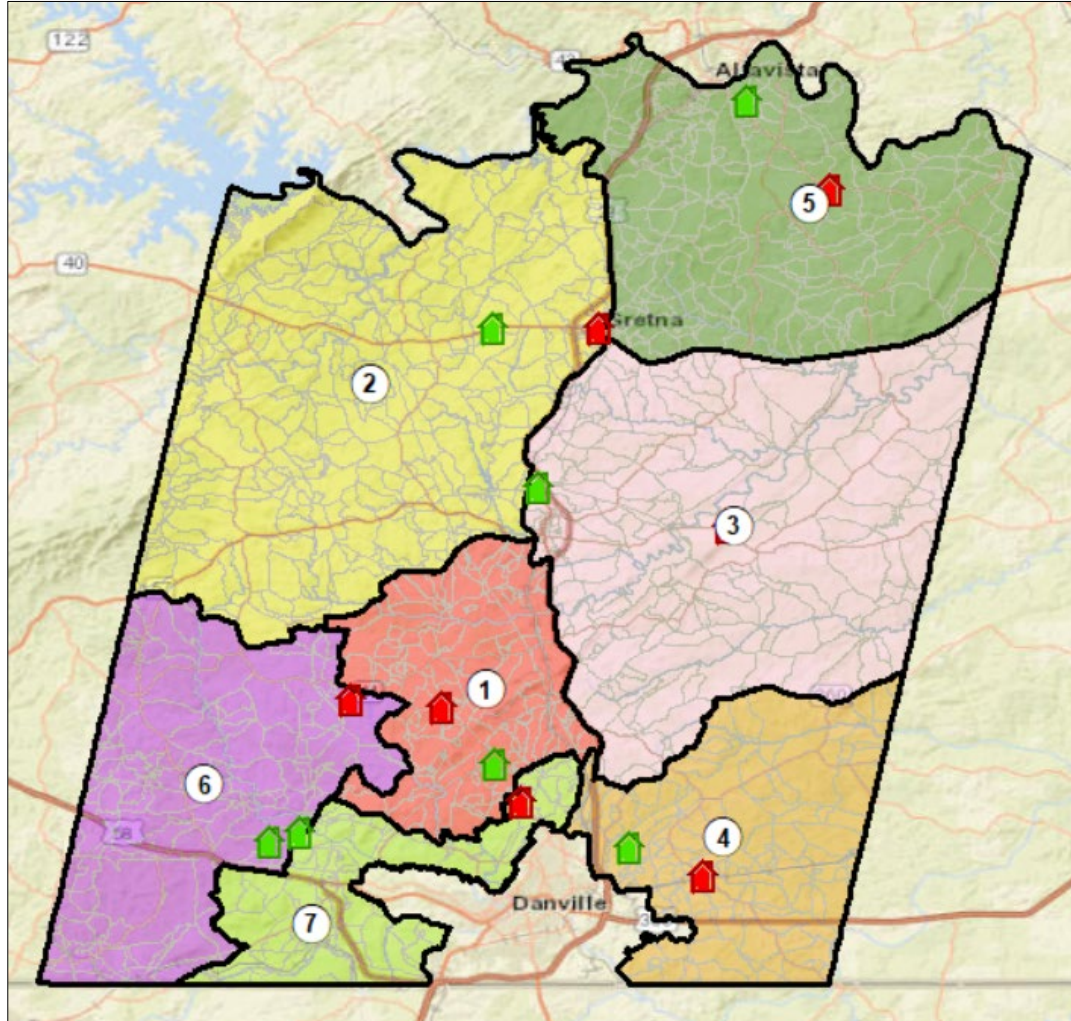
Current Districts– Maximum Deviation – 18.76%



Proposed Plan B vs. Current Districts

Plan B – Maximum Deviation – 1.43%

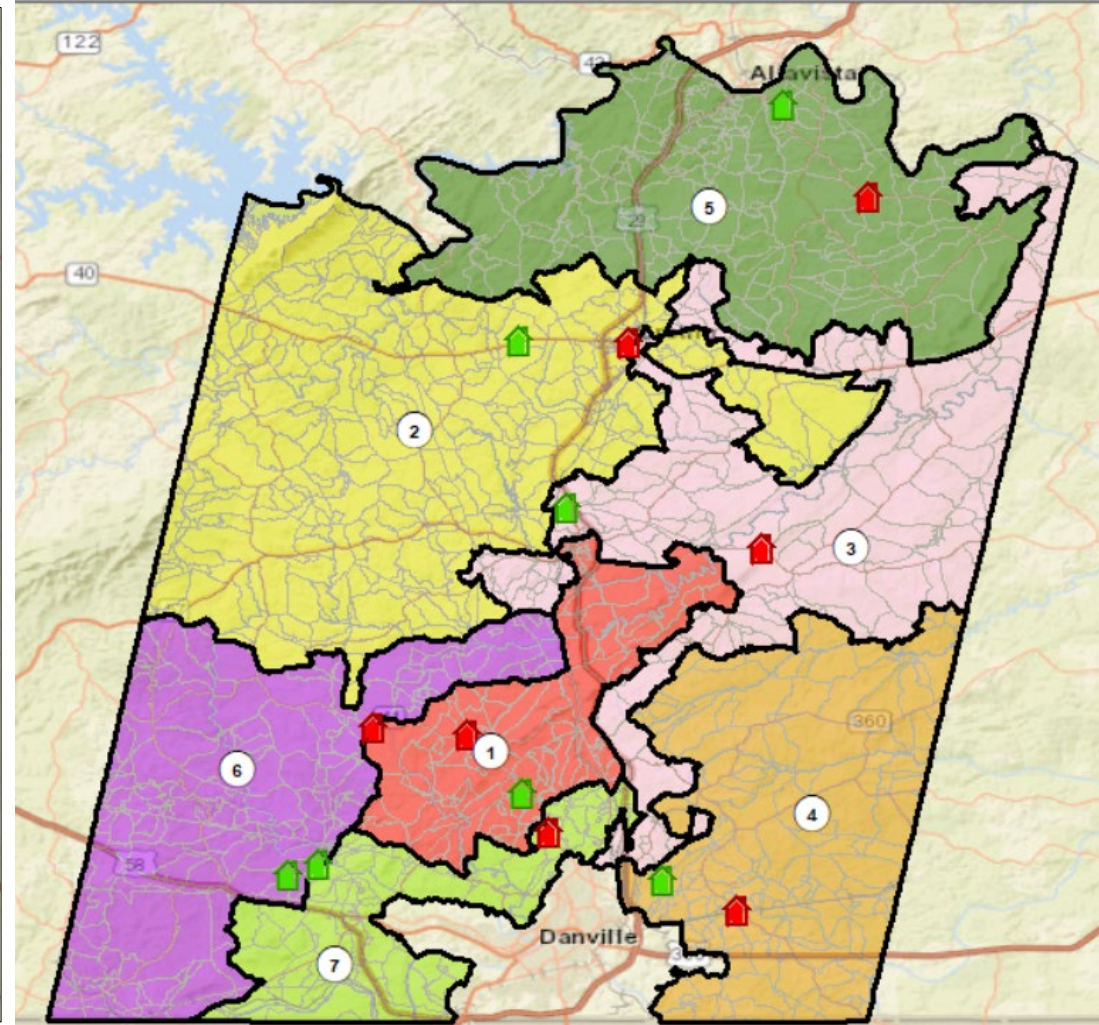
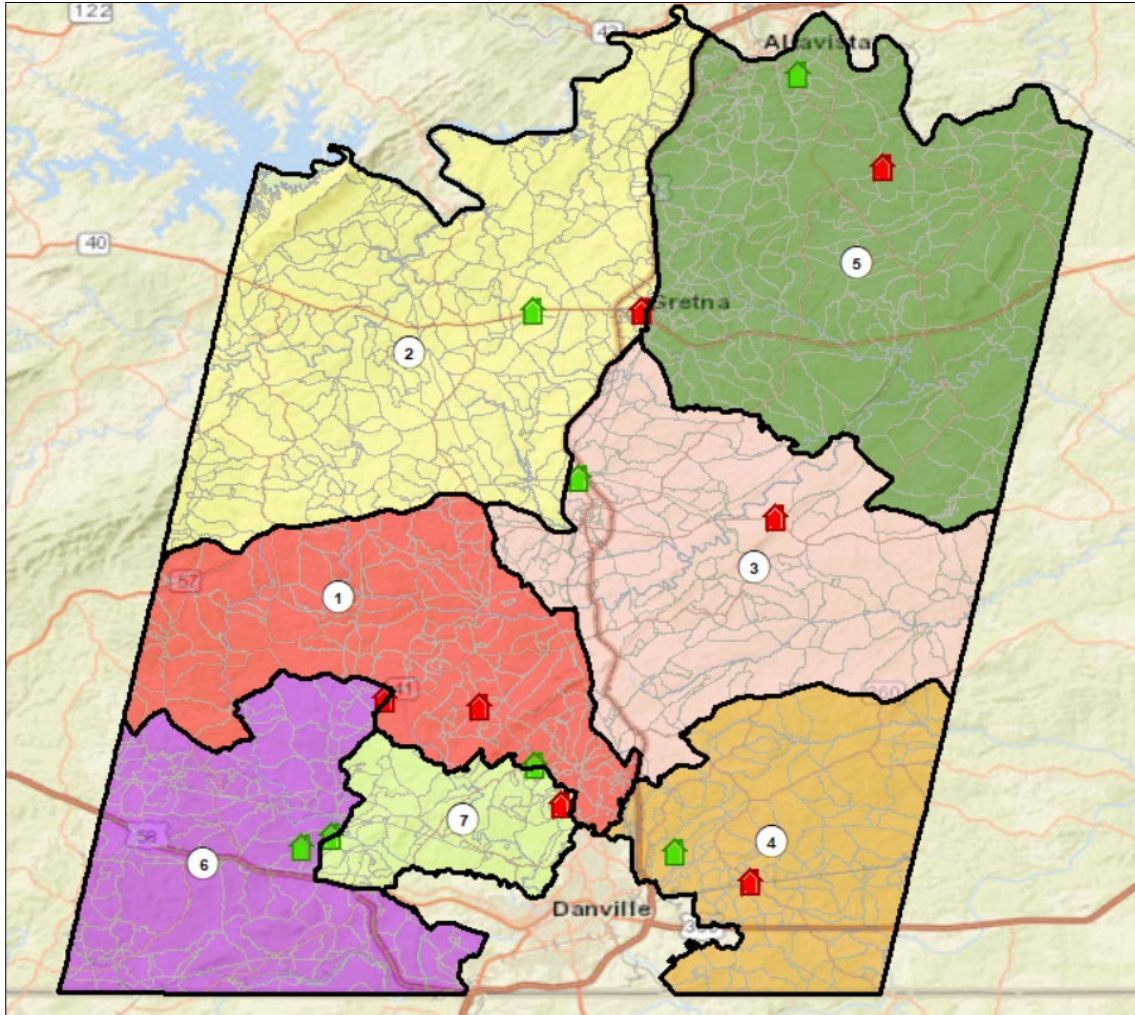
Current Districts – Maximum Deviation – 18.76%



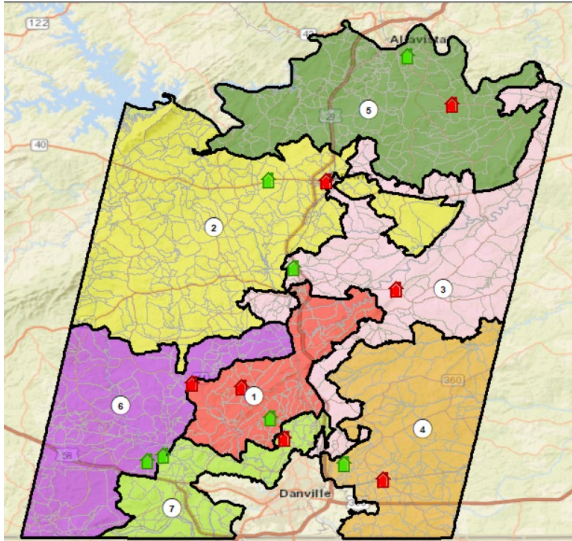
Proposed Plan C vs. Current Districts

Plan C – Maximum Deviation – 1.30%

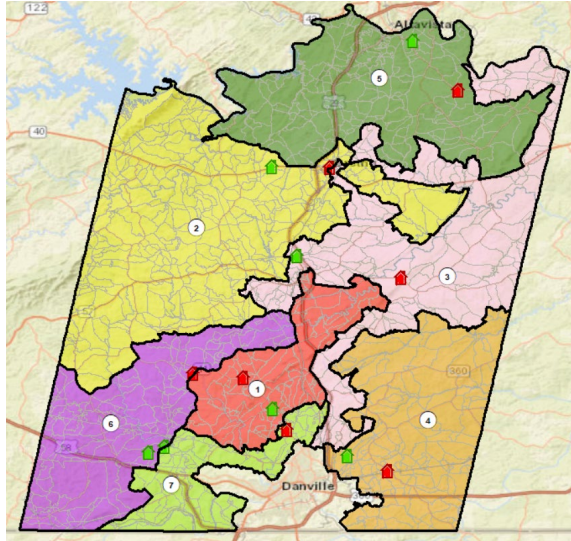
Current Districts– Maximum Deviation – 18.76%



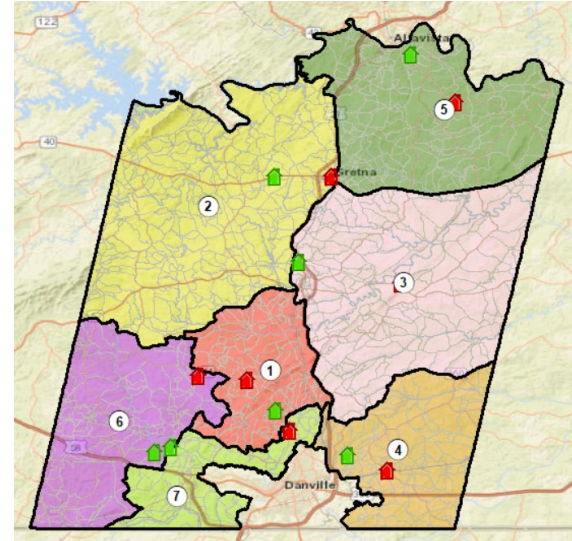
Proposed Plans A, B, C vs. Current Districts



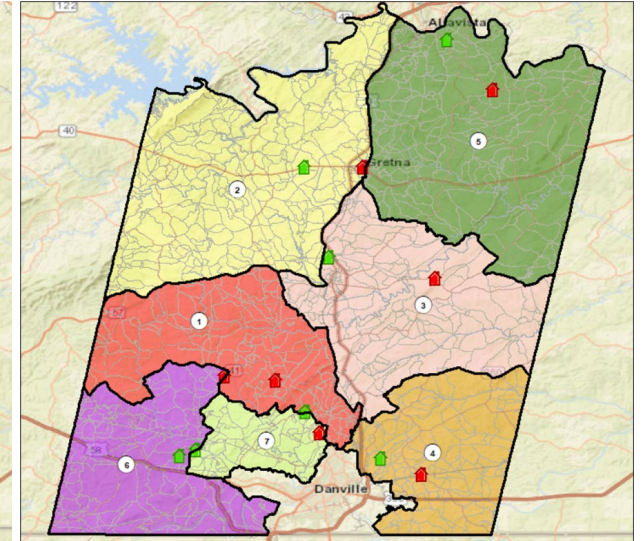
Current Districts
MD – 18.76%



Plan A Proposed Districts
MD – 3.52%



Plan B Proposed Districts
MD – 1.43%



Plan C Proposed Districts
MD – 1.30%

Current Districts

Current Plan

| | Hispanic | NH White | NH Black | NH AIAN | NH Asian | NH NHOPI | NH Other | NH - 2+ Race | Total | Prison-Adjusted |
|---|----------|----------|----------|---------|----------|----------|----------|--------------|--------|-----------------|
| 1 | 248 | 7242 | 953 | 17 | 77 | 8 | 28 | 236 | 8,809 | 8,787 |
| 2 | 152 | 6,609 | 1,299 | 12 | 18 | 0 | 9 | 243 | 8,342 | 8,402 |
| 3 | 187 | 3,679 | 4,164 | 7 | 22 | 2 | 21 | 200 | 8,282 | 7,621 |
| 4 | 206 | 6,872 | 1,448 | 19 | 33 | 1 | 28 | 243 | 8,850 | 8,914 |
| 5 | 144 | 6,308 | 1,505 | 16 | 28 | 1 | 18 | 211 | 8,231 | 8,312 |
| 6 | 466 | 6,199 | 1,843 | 15 | 38 | 1 | 6 | 256 | 8,824 | 8,900 |
| 7 | 309 | 7,368 | 1,142 | 7 | 73 | 4 | 18 | 242 | 9,163 | 9,234 |
| | | | | | | | | | 60,501 | 60170 |

Racial Ethnic Composition of Each District % Based on Total Population

| | Hispanic% | NH White% | NH Black% | NH AIAN% | NH Asian% | NH NHOPI % | NH Other% | NH - 2+ Race% | Total |
|---|-----------|-----------|-----------|----------|-----------|------------|-----------|---------------|---------|
| 1 | 2.82% | 82.21% | 10.82% | 0.19% | 0.87% | 0.09% | 0.32% | 2.68% | 100.00% |
| 2 | 1.82% | 79.23% | 15.57% | 0.14% | 0.22% | 0.00% | 0.11% | 2.91% | 100.00% |
| 3 | 2.26% | 44.42% | 50.28% | 0.08% | 0.27% | 0.02% | 0.25% | 2.41% | 100.00% |
| 4 | 2.33% | 77.65% | 16.36% | 0.21% | 0.37% | 0.01% | 0.32% | 2.75% | 100.00% |
| 5 | 1.75% | 76.64% | 18.28% | 0.19% | 0.34% | 0.01% | 0.22% | 2.56% | 100.00% |
| 6 | 5.28% | 70.25% | 20.89% | 0.17% | 0.43% | 0.01% | 0.07% | 2.90% | 100.00% |
| 7 | 3.37% | 80.41% | 12.46% | 0.08% | 0.80% | 0.04% | 0.20% | 2.64% | 100.00% |

Plan A Proposed Districts

Plan A

| | Hispanic | NH White | NH Black | NH AIAN | NH Asian | NH NHOPI | NH Other | NH - 2+ Race | Total | Prison-Adjusted |
|---|----------|----------|----------|---------|----------|----------|----------|--------------|--------|-----------------|
| 1 | 236 | 7127 | 967 | 17 | 79 | 7 | 27 | 227 | 8,687 | 8,664 |
| 2 | 172 | 6,614 | 1,410 | 14 | 21 | 0 | 8 | 241 | 8,480 | 8,536 |
| 3 | 218 | 4,340 | 4,406 | 8 | 24 | 4 | 23 | 240 | 9,263 | 8,613 |
| 4 | 197 | 6,772 | 1,418 | 18 | 33 | 1 | 28 | 238 | 8,705 | 8,768 |
| 5 | 149 | 6,512 | 1,482 | 16 | 28 | 1 | 19 | 222 | 8,429 | 8,514 |
| 6 | 447 | 6,029 | 1,623 | 13 | 37 | 1 | 6 | 239 | 8,395 | 8,465 |
| 7 | 293 | 6,883 | 1,048 | 7 | 67 | 3 | 17 | 224 | 8,542 | 8,610 |
| | | | | | | | | | 60,501 | 60170 |

Racial Ethnic Composition of Each District % Based on Total Population

| | Hispanic% | NH White% | NH Black% | NH AIAN% | NH Asian% | NH NHOPI % | NH Other% | NH - 2+ Race% | Total |
|---|-----------|-----------|-----------|----------|-----------|------------|-----------|---------------|---------|
| 1 | 2.72% | 82.04% | 11.13% | 0.20% | 0.91% | 0.08% | 0.31% | 2.61% | 100.00% |
| 2 | 2.03% | 78.00% | 16.63% | 0.17% | 0.25% | 0.00% | 0.09% | 2.84% | 100.00% |
| 3 | 2.35% | 46.85% | 47.57% | 0.09% | 0.26% | 0.04% | 0.25% | 2.59% | 100.00% |
| 4 | 2.26% | 77.79% | 16.29% | 0.21% | 0.38% | 0.01% | 0.32% | 2.73% | 100.00% |
| 5 | 1.77% | 77.26% | 17.58% | 0.19% | 0.33% | 0.01% | 0.23% | 2.63% | 100.00% |
| 6 | 5.32% | 71.82% | 19.33% | 0.15% | 0.44% | 0.01% | 0.07% | 2.85% | 100.00% |
| 7 | 3.43% | 80.58% | 12.27% | 0.08% | 0.78% | 0.04% | 0.20% | 2.62% | 100.00% |

Plan B Proposed Districts

Plan B

| | Hispanic | NH White | NH Black | NH AIAN | NH Asian | NH NHOPI | NH Other | NH - 2+ Race | Total | Prison-Adjusted |
|---|----------|----------|----------|---------|----------|----------|----------|--------------|--------|-----------------|
| 1 | 224 | 7094 | 1597 | 18 | 72 | 9 | 20 | 210 | 9,244 | 8,531 |
| 2 | 165 | 6,608 | 1,491 | 7 | 26 | 0 | 6 | 263 | 8,566 | 8,638 |
| 3 | 272 | 5,620 | 2,385 | 15 | 25 | 1 | 34 | 232 | 8,584 | 8,596 |
| 4 | 184 | 5,908 | 2,044 | 16 | 41 | 2 | 23 | 239 | 8,457 | 8,530 |
| 5 | 125 | 6,127 | 1,982 | 17 | 20 | 2 | 23 | 221 | 8,517 | 8,596 |
| 6 | 454 | 5,973 | 1,816 | 14 | 36 | 0 | 6 | 249 | 8,548 | 8,626 |
| 7 | 288 | 6,947 | 1,039 | 6 | 69 | 3 | 16 | 217 | 8,585 | 8,653 |
| | | | | | | | | | 60,501 | 60170 |

Racial Ethnic Composition of Each District % Based on Total Population

| | Hispanic% | NH White% | NH Black% | NH AIAN% | NH Asian% | NH NHOPI % | NH Other% | NH - 2+ Race% | Total |
|---|-----------|-----------|-----------|----------|-----------|------------|-----------|---------------|---------|
| 1 | 2.42% | 76.74% | 17.28% | 0.19% | 0.78% | 0.10% | 0.22% | 2.27% | 100.00% |
| 2 | 1.93% | 77.14% | 17.41% | 0.08% | 0.30% | 0.00% | 0.07% | 3.07% | 100.00% |
| 3 | 3.17% | 65.47% | 27.78% | 0.17% | 0.29% | 0.01% | 0.40% | 2.70% | 100.00% |
| 4 | 2.18% | 69.86% | 24.17% | 0.19% | 0.48% | 0.02% | 0.27% | 2.83% | 100.00% |
| 5 | 1.47% | 71.94% | 23.27% | 0.20% | 0.23% | 0.02% | 0.27% | 2.59% | 100.00% |
| 6 | 5.31% | 69.88% | 21.24% | 0.16% | 0.42% | 0.00% | 0.07% | 2.91% | 100.00% |
| 7 | 3.35% | 80.92% | 12.10% | 0.07% | 0.80% | 0.03% | 0.19% | 2.53% | 100.00% |

Plan C Proposed Districts

Plan C

| | Hispanic | NH White | NH Black | NH AIAN | NH Asian | NH NHOPI | NH Other | NH - 2+ Race | Total | Prison-Adjusted |
|---|----------|----------|----------|---------|----------|----------|----------|--------------|--------|-----------------|
| 1 | 210 | 6401 | 1551 | 16 | 74 | 5 | 17 | 235 | 8,509 | 8,556 |
| 2 | 145 | 6,589 | 1,448 | 6 | 27 | 0 | 5 | 258 | 8,478 | 8,551 |
| 3 | 306 | 5,955 | 2,765 | 14 | 23 | 3 | 30 | 227 | 9,323 | 8,586 |
| 4 | 177 | 5,933 | 2,151 | 15 | 45 | 2 | 27 | 238 | 8,588 | 8,663 |
| 5 | 139 | 6,039 | 2,048 | 18 | 19 | 2 | 24 | 242 | 8,531 | 8,609 |
| 6 | 436 | 6,244 | 1,548 | 10 | 43 | 1 | 8 | 213 | 8,503 | 8,583 |
| 7 | 299 | 7,116 | 843 | 14 | 58 | 4 | 17 | 218 | 8,569 | 8,622 |
| | | | | | | | | | 60,501 | |

Racial Ethnic Composition of Each District % Based on Total Population

| | Hispanic% | NH White% | NH Black% | NH AIAN% | NH Asian% | NH NHOPI % | NH Other% | NH - 2+ Race% | Total |
|---|-----------|-----------|-----------|----------|-----------|------------|-----------|---------------|---------|
| 1 | 2.47% | 75.23% | 18.23% | 0.19% | 0.87% | 0.06% | 0.20% | 2.76% | 100.00% |
| 2 | 1.71% | 77.72% | 17.08% | 0.07% | 0.32% | 0.00% | 0.06% | 3.04% | 100.00% |
| 3 | 3.28% | 63.87% | 29.66% | 0.15% | 0.25% | 0.03% | 0.32% | 2.43% | 100.00% |
| 4 | 2.06% | 69.08% | 25.05% | 0.17% | 0.52% | 0.02% | 0.31% | 2.77% | 100.00% |
| 5 | 1.63% | 70.79% | 24.01% | 0.21% | 0.22% | 0.02% | 0.28% | 2.84% | 100.00% |
| 6 | 5.13% | 73.43% | 18.21% | 0.12% | 0.51% | 0.01% | 0.09% | 2.50% | 100.00% |
| 7 | 3.49% | 83.04% | 9.84% | 0.16% | 0.68% | 0.05% | 0.20% | 2.54% | 100.00% |