# Nassau County, NY

## County Legislative Districting

An analysis presented to the Nassau County Temporary Districting Advisory Commission
November 10, 2022

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# Credentials

- PhD in Political Science (American Politics)
- MS in Geographic Information Science (GIS)
- Certified GIS Professional from the GIS Certification Institute
- Research Associate Appointment with University of California, Berkeley
- Voting Rights Act work since 2014
- Opened Blockwell Consulting, LLC in 2021
- Clients include Strumwasser & Woocher, LLP for the CA Citizen's Redistricting Commission, the U.S. Dept. of Justice, national non-profit law firms, private law firms, state-level Secretaries of State, and numerous local jurisdictions including cities, counties, and special jurisdictions of all sizes

# Instructions

- Perform a non-partisan analysis in all respects
- Analyze the degree, if any, of racially polarized voting (RPV) in Nassau County
- Confirm compliant alternative districting configurations are possible and if so, draw a compliant plan based on the law and districting criteria
- Analyze any proposed districting plans for compliance with federal and state law
- Provide a complete written report with my findings and conclusions

# Summary of Findings

- Nassau County elections show patterns of racially polarized voting
  - Black and Latino voters generally vote cohesively in support of the same candidates
  - White voters generally vote as a bloc in a such a way that usually defeats the minority-preferred candidate
- It is possible to draw a map that complies with all federal and state legal requirements and also contains 5 majority/minority districts in which the combined Black and Latino voting age population (VAP) and citizen voting age population (CVAP) are both above 50%.
  - Similar to countywide demographics - ~24% Black and Latino CVAP countywide and 5 of 19 m/m districts is ~26%
- Without these majority/minority districts, Black and Latino voters will usually be unable to election candidates of their choice.
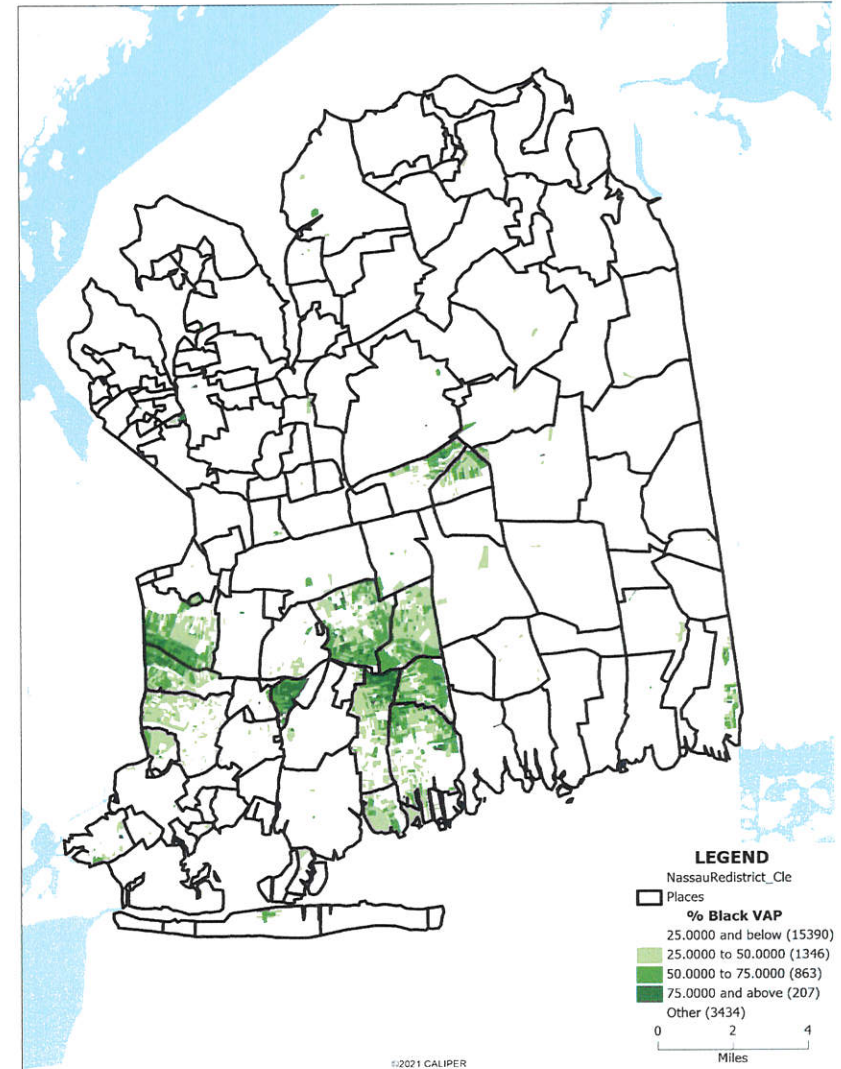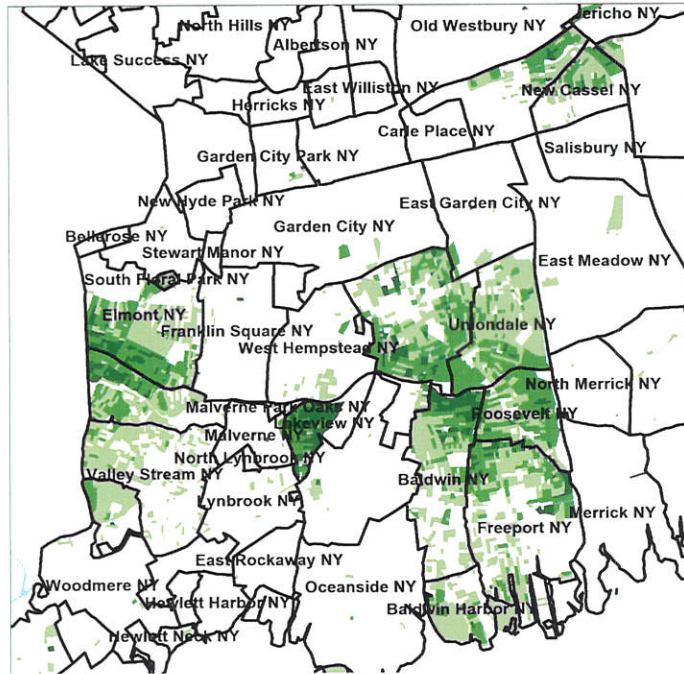
# Demographics of Nassau County

- Overall population growth
- Significant decline White population
- Significant growth in Asian population
- Significant growth in the Black and Hispanic population

| | | 2010 | | 2020 | | Difference | |
|---|---|---|---|---|---|---|---|
| | | Total | % | Total | % | Total | % |
| | **Total Population** | 1,339,532 | | 1,395,774 | | 56,242 | |
| Population (Non-Hispanic) | Hispanic | 195,355 | 14.58% | 256,425 | 18.37% | 61,070 | 3.79% |
| | White | 877,309 | 65.49% | 779,454 | 55.84% | -97,855 | -9.65% |
| | Black | 141,305 | 10.55% | 147,216 | 10.55% | 5,911 | 0.00% |
| | AIAN | 1,379 | 0.10% | 1,714 | 0.12% | 335 | 0.02% |
| | Asian | 101,558 | 7.58% | 163,165 | 11.69% | 61,607 | 4.11% |
| | NHPI | 197 | 0.01% | 292 | 0.02% | 95 | 0.01% |
| | Other | 4,740 | 0.35% | 11,780 | 0.84% | 7,040 | 0.49% |
| | Two or More | 17,689 | 1.32% | 35,728 | 2.56% | 18,039 | 1.24% |
| | **Total VAP** | 1,027,952 | | 1,098,884 | | 70,932 | 0.00% |
| Voting Age Population (Non-Hispanic) | Hispanic | 138,202 | 13.44% | 184,325 | 16.77% | 46,123 | 3.33% |
| | White | 693,892 | 67.50% | 641,172 | 58.35% | -52,720 | -9.15% |
| | Black | 105,527 | 10.27% | 117,222 | 10.67% | 11,695 | 0.40% |
| | AIAN | 873 | 0.08% | 1,207 | 0.11% | 334 | 0.02% |
| | Asian | 75,802 | 7.37% | 123,754 | 11.26% | 47,952 | 3.89% |
| | NHPI | 144 | 0.01% | 220 | 0.02% | 76 | 0.01% |
| | Other | 3,026 | 0.29% | 8,082 | 0.74% | 5,056 | 0.44% |
| | Two or More | 10,486 | 1.02% | 22,902 | 2.08% | 12,416 | 1.06% |

# Demographics
# Black Voting Age Population



LEGEND
NassauRedistrict_Cle
Places
**% Black VAP**
25.0000 and below (15390)
25.0000 to 50.0000 (1346)
50.0000 to 75.0000 (863)
75.0000 and above (207)
Other (3434)

# Demographics
# Hispanic Voting Age Population



LEGEND
NassauRedistrict_Cle
Places
**% Hispanic VAP**
25.0000 and below (13946)
25.0000 to 50.0000 (2725)
50.0000 to 75.0000 (866)
75.0000 and above (269)
Other (3434)

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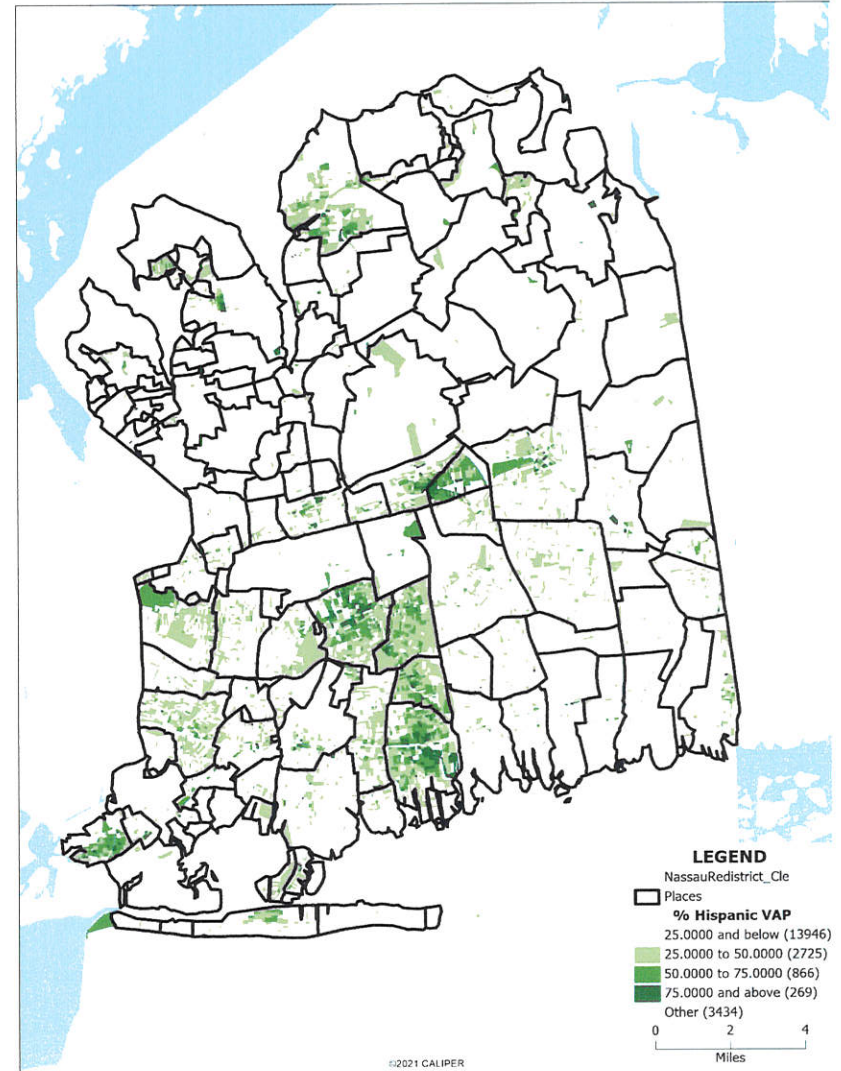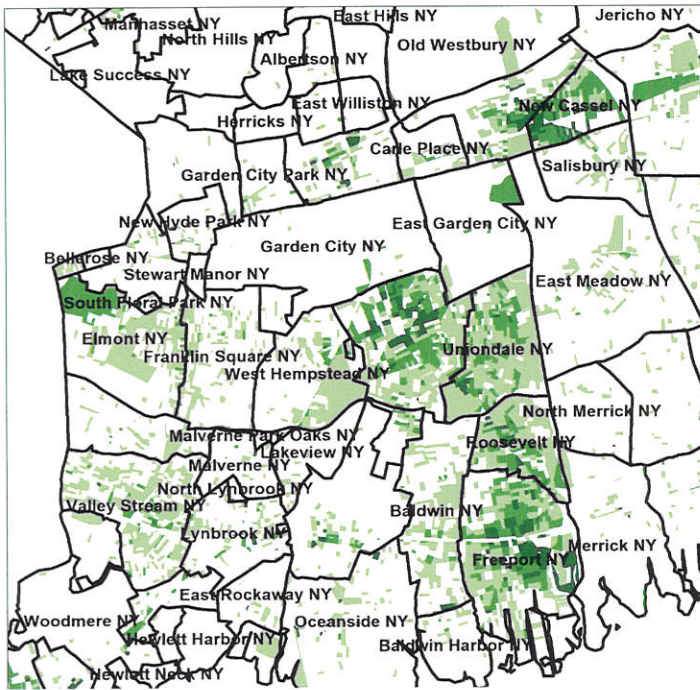
# Demographics
# Asian Voting Age Population



**LEGEND**

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☐ Places

**% Asian VAP**

25.0000 and below (14884)

25.0000 to 50.0000 (2192)

50.0000 to 75.0000 (631)

75.0000 and above (99)

Other (3434)

0    2    4

Miles

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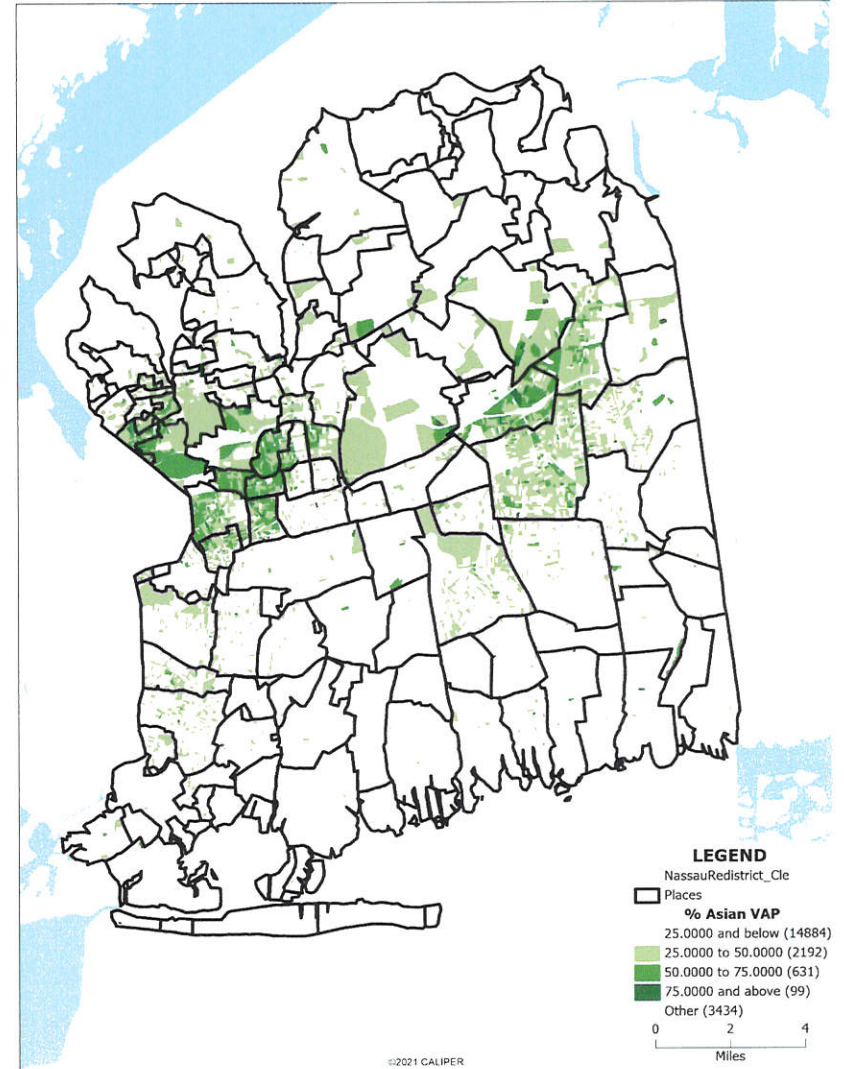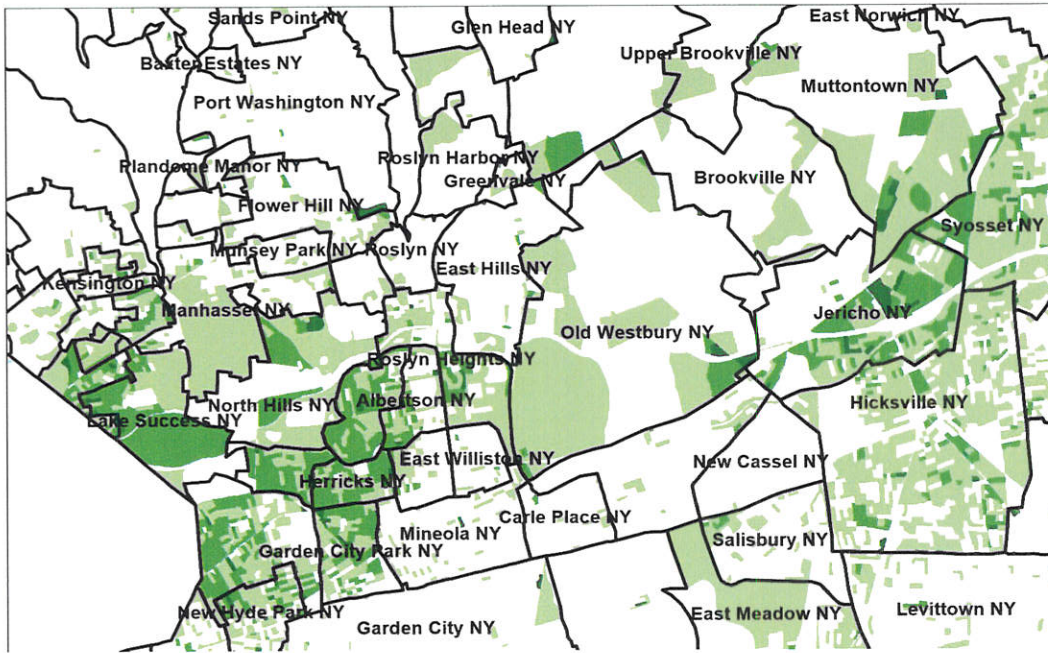
# Racially Polarized Voting

- RPV exists when racial/ethnic groups vote as distinct groups with district candidate preferences
- We use a statistic called Ecological Inference (among others) to measure the degree of racially polarized voting
  - The predominant measure of RPV
  - Results reflect estimates of group voting behavior
- Measuring RPV is part of the analysis of the Gingles Preconditions, which is a piece of the legal framework for assessing Voting Rights Act violations established in *Thornburg v. Gingles (1986)*
  - Is voting racially polarized? If so, who are the candidates of choice?
  - Are the minority voters' candidates of choice usually defeated?
- Performance Analyses - analyze past elections to see if the new district boundaries perform for the minority-preferred candidate

# RPV in Nassau County

- Analyzed the 2017 and 2021 County Clerk contests, considered the most probative elections for analysis
  - Recent elections
  - Endogenous elections
  - Minority candidates on the ballot
- 2021 contest between Brown and O'Connell - RPV Present
  - The candidate of choice for Latino and Black voters was Brown with ~84% to 95% support
    - Black and Latino voters voting as a coalition
  - The candidate of choice for White voters was O'Connell with 66% - 70% support
    - The White voting block was sufficient to defeat the minority's preferred candidate
- 2017 contest between Bennett and O'Connell - RPV Present
  - The candidate of choice for Latino and Black voters was Bennett with ~88% to 96% support
    - Black and Latino voters voting as a coalition
  - The candidate of choice for White voters was O'Connell with ~59% to 62% support
    - The White voting block was sufficient to defeat the minority's preferred candidate

# Redistricting Criteria

- Equal population
  - Federal requirements - rooted in US Constitution, 'one person, one vote'
  - Local requirements - Municipal Home Rule Law
  - Prison-adjusted total population from the 2020 Decennial Census published by the New York State Legislative Task Force on Demographic Research and Apportionment
- Geographic compactness: as compact as possible while otherwise complying
- Contiguous: Avoid connecting districts by water
- Preserve political subdivisions
  - Traditional redistricting principle
  - Local requirements - Municipal Home Rule Law
- Preserve Communities of Interest
  - Desirable
  - Incorporate communities of interest as relayed to me and largely based on public testimony
- The Voting Rights Act and majority/minority districts
  - 5 districts based on overall minority population, residential patterns, RPV, and in full compliance of all other requirements
  - The districts perform and allow minority voters the opportunity to elect candidates of their choice

# Factors Not Considered

- Election results, partisan affiliation, party advantage, or any other partisan measure
- Boundaries or cores of the 2013 Legislation plan
- Addresses of incumbent county legislators

# Quick Orientation to the Proposed Plan

- District boundaries are black lines
- District numbers are labeled
- Smaller subdivisions shown with a dotted line



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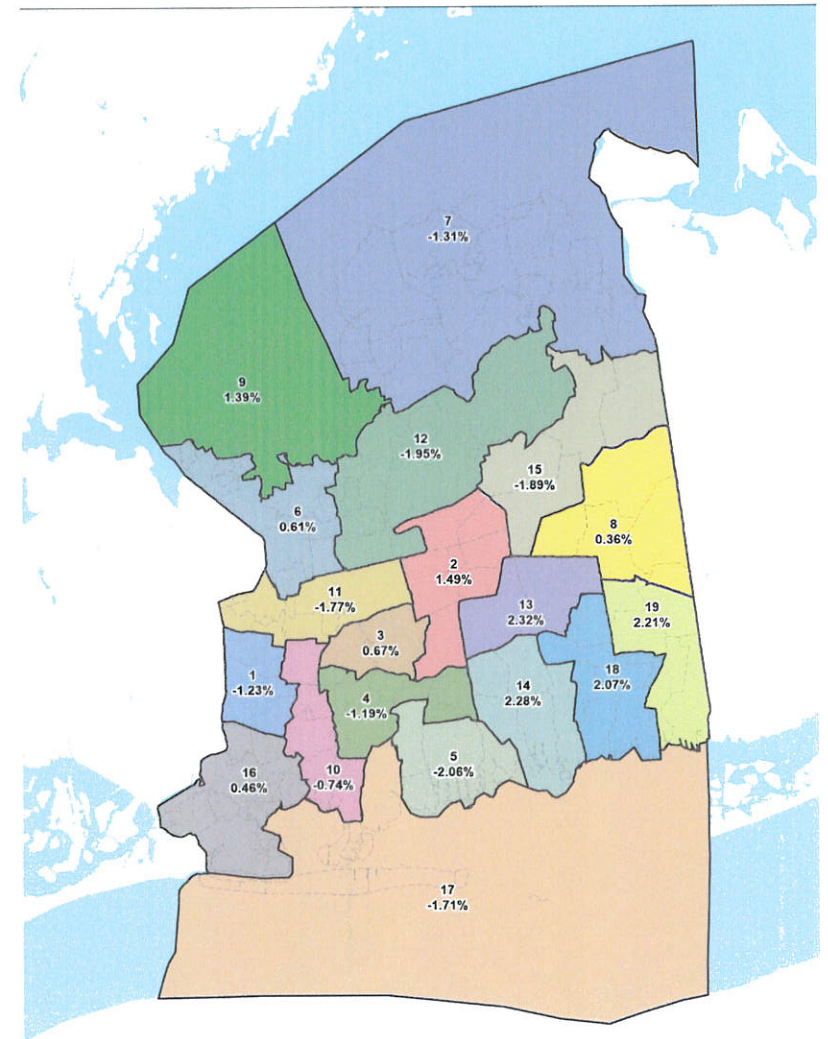
# Proposed Plan: Equal Population

**New York Municipal Home Rule Law:**
"the difference in population between the most and the least populous district shall not exceed five percent of the mean population of all districts."

Populations based on the prison adjusted dataset.

**Ideal Population**
- 1,396,922 (total population) / 19 (districts) = 73,522

| Overall Plan Statistics | |
| --- | --- |
| Total | 1,396,922 |
| Ideal Population | 73,522 |
| Population Range | 72,006 to 75,231 |
| Absolute Range | -1,516 to 1,709 |
| Absolute Overall Range | 3,225 |
| Relative Range | -2.06% to 2.32% |
| Relative Overall Range: | 4.39% |

| District | Population | Deviation | % Deviation |
| --- | --- | --- | --- |
| 1 | 72,619 | -903 | -1.23% |
| 2 | 74,617 | 1,095 | 1.49% |
| 3 | 74,012 | 490 | 0.67% |
| 4 | 72,644 | -878 | -1.19% |
| 5 | 72,006 | -1,516 | -2.06% |
| 6 | 73,970 | 448 | 0.61% |
| 7 | 72,556 | -966 | -1.31% |
| 8 | 73,788 | 266 | 0.36% |
| 9 | 74,547 | 1,025 | 1.39% |
| 10 | 72,980 | -542 | -0.74% |
| 11 | 72,219 | -1,303 | -1.77% |
| 12 | 72,089 | -1,433 | -1.95% |
| 13 | 75,231 | 1,709 | 2.32% |
| 14 | 75,200 | 1,678 | 2.28% |
| 15 | 72,130 | -1,392 | -1.89% |
| 16 | 73,860 | 338 | 0.46% |
| 17 | 72,265 | -1,257 | -1.71% |
| 18 | 75,045 | 1,523 | 2.07% |
| 19 | 75,144 | 1,622 | 2.21% |

# Proposed Plan: Compactness

- Reock and Polsby-Popper are common tests
  - run 0 to 1
  - higher numbers indicating more compact districts.
- Some courts have given some weight to some measures but there's no consistent measure and no definitive test.
- The Proposed Plan improves the overall plan compactness and individual district compactness as compared to the 2013 Legislative Plan.

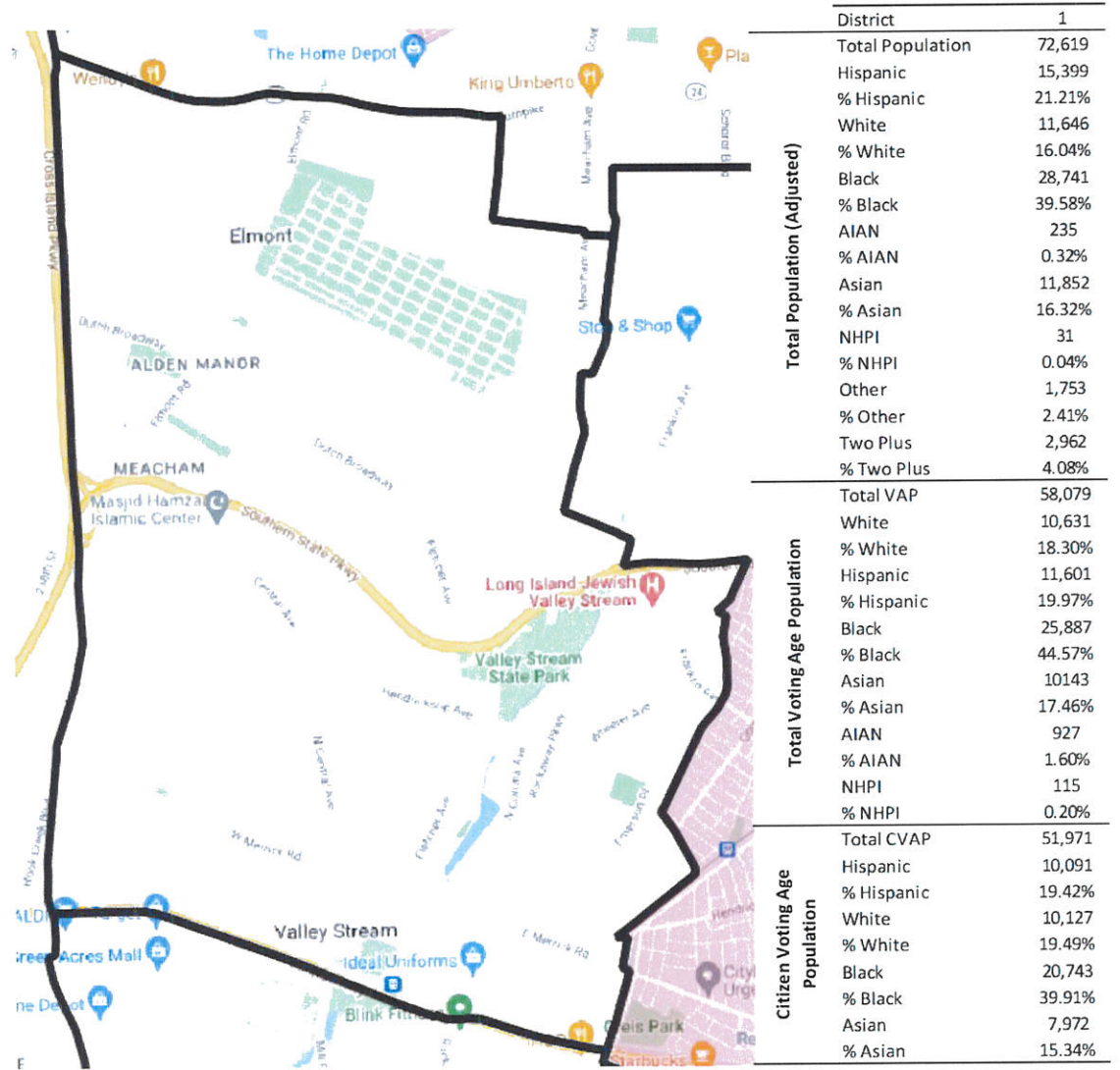| Proposed Plan | Reock | Polsby-Popper (higher = more compact) |
|---|---|---|
| District Mean | 0.42 | 0.39 |
| District Minimum | 0.26 | 0.21 |
| District Maximum | 0.60 | 0.59 |
| District 1 | 0.48 | 0.59 |
| District 2 | 0.36 | 0.35 |
| District 3 | 0.47 | 0.47 |
| District 4 | 0.38 | 0.3 |
| District 5 | 0.51 | 0.48 |
| District 6 | 0.32 | 0.21 |
| District 7 | 0.47 | 0.37 |
| District 8 | 0.48 | 0.55 |
| District 9 | 0.57 | 0.37 |
| District 10 | 0.26 | 0.27 |
| District 11 | 0.32 | 0.36 |
| District 12 | 0.31 | 0.27 |
| District 13 | 0.41 | 0.53 |
| District 14 | 0.53 | 0.59 |
| District 15 | 0.34 | 0.3 |
| District 16 | 0.6 | 0.41 |
| District 17 | 0.38 | 0.36 |
| District 18 | 0.43 | 0.35 |
| District 19 | 0.35 | 0.34 |

# Proposed Plan: Preserve Political Subdivisions

Municipal Home Rule Law: "To the extent practicable, no villages, cities or towns except those having more than forty percent of a full ratio for each district shall be divided;..."

The Proposed plan complies fully with the MHRL by keeping all political subdivisions (villages, cities,and towns) subject to the MHRL in a single district.

# Proposed Plan:
# District 1

- Ideal population = 73,522
- District population = 72,619
  - Deviation from ideal: -903 / -1.23%
- Reock = 0.48
- Polsby-Popper = 0.59
- Majority/Minority District
  - Combined 65% VAP & 59% CVAP
- Performance Analysis: based on past elections, the minority preferred candidate wins by 33% to 39%
- MHRL: none

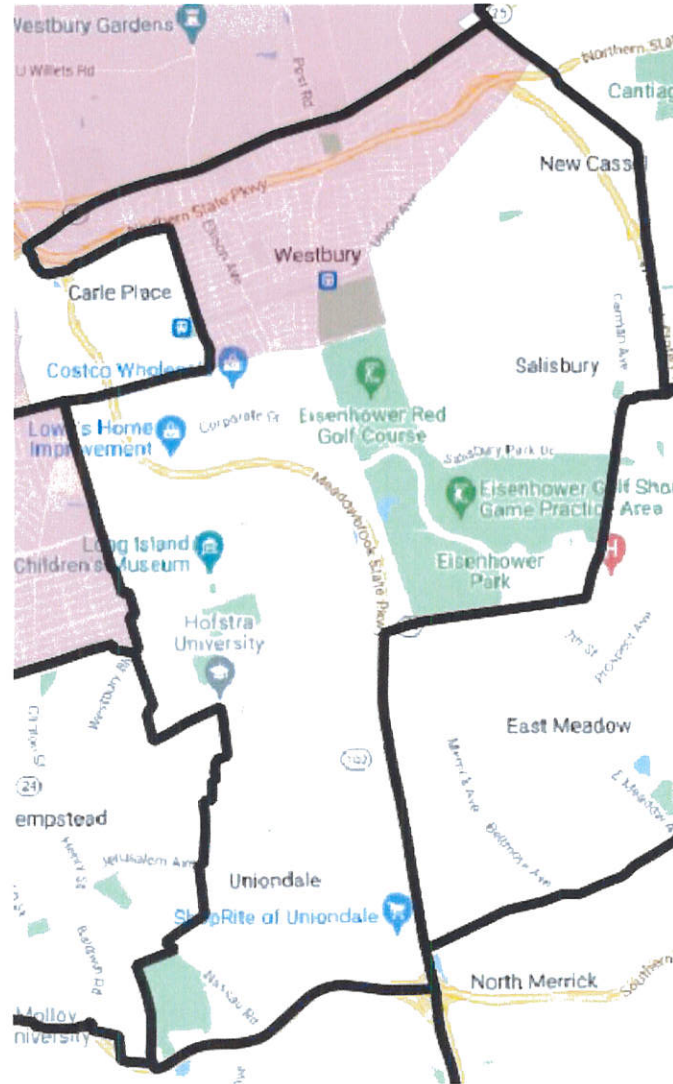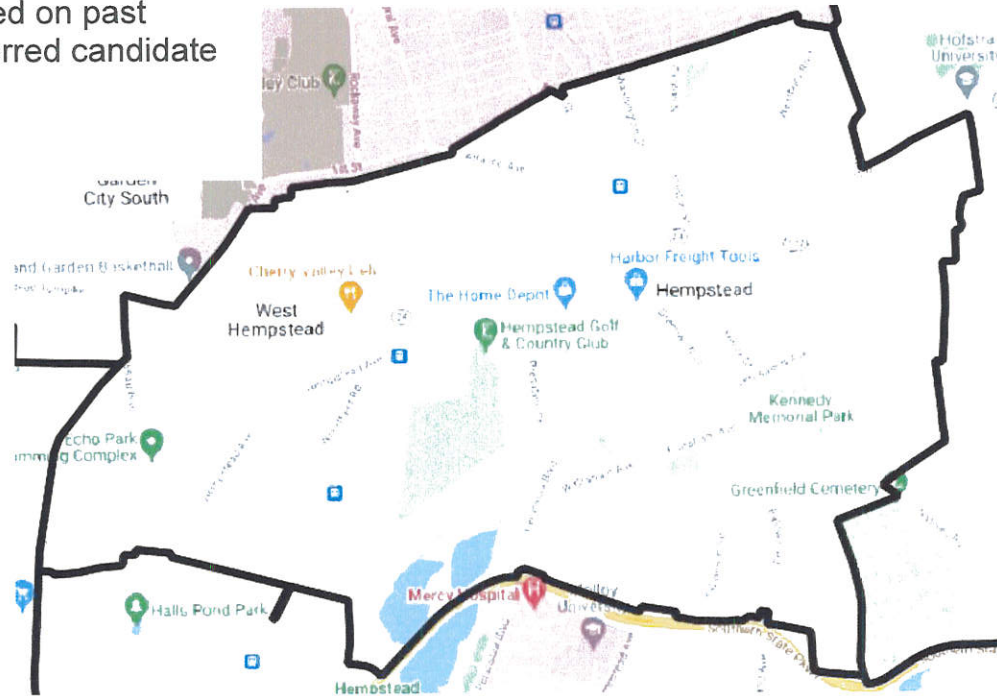| | District | 1 |
|---|---|---|
| **Total Population (Adjusted)** | Total Population | 72,619 |
| | Hispanic | 15,399 |
| | % Hispanic | 21.21% |
| | White | 11,646 |
| | % White | 16.04% |
| | Black | 28,741 |
| | % Black | 39.58% |
| | AIAN | 235 |
| | % AIAN | 0.32% |
| | Asian | 11,852 |
| | % Asian | 16.32% |
| | NHPI | 31 |
| | % NHPI | 0.04% |
| | Other | 1,753 |
| | % Other | 2.41% |
| | Two Plus | 2,962 |
| | % Two Plus | 4.08% |
| **Total Voting Age Population** | Total VAP | 58,079 |
| | White | 10,631 |
| | % White | 18.30% |
| | Hispanic | 11,601 |
| | % Hispanic | 19.97% |
| | Black | 25,887 |
| | % Black | 44.57% |
| | Asian | 10143 |
| | % Asian | 17.46% |
| | AIAN | 927 |
| | % AIAN | 1.60% |
| | NHPI | 115 |
| | % NHPI | 0.20% |
| **Citizen Voting Age Population** | Total CVAP | 51,971 |
| | Hispanic | 10,091 |
| | % Hispanic | 19.42% |
| | White | 10,127 |
| | % White | 19.49% |
| | Black | 20,743 |
| | % Black | 39.91% |
| | Asian | 7,972 |
| | % Asian | 15.34% |

# Proposed Plan: District 2



- Ideal population = 73,522
- District population = 74,617
  - Deviation from ideal: 1,095 / 1.49%
- Reock = 0.36
- Polsby-Popper = 0.35
- Majority/Minority District
  - Combined 64% VAP & 57% CVAP
- Performance Analysis: based on past elections, the minority preferred candidate wins by 24% to 37%
- MHRL: Westbury

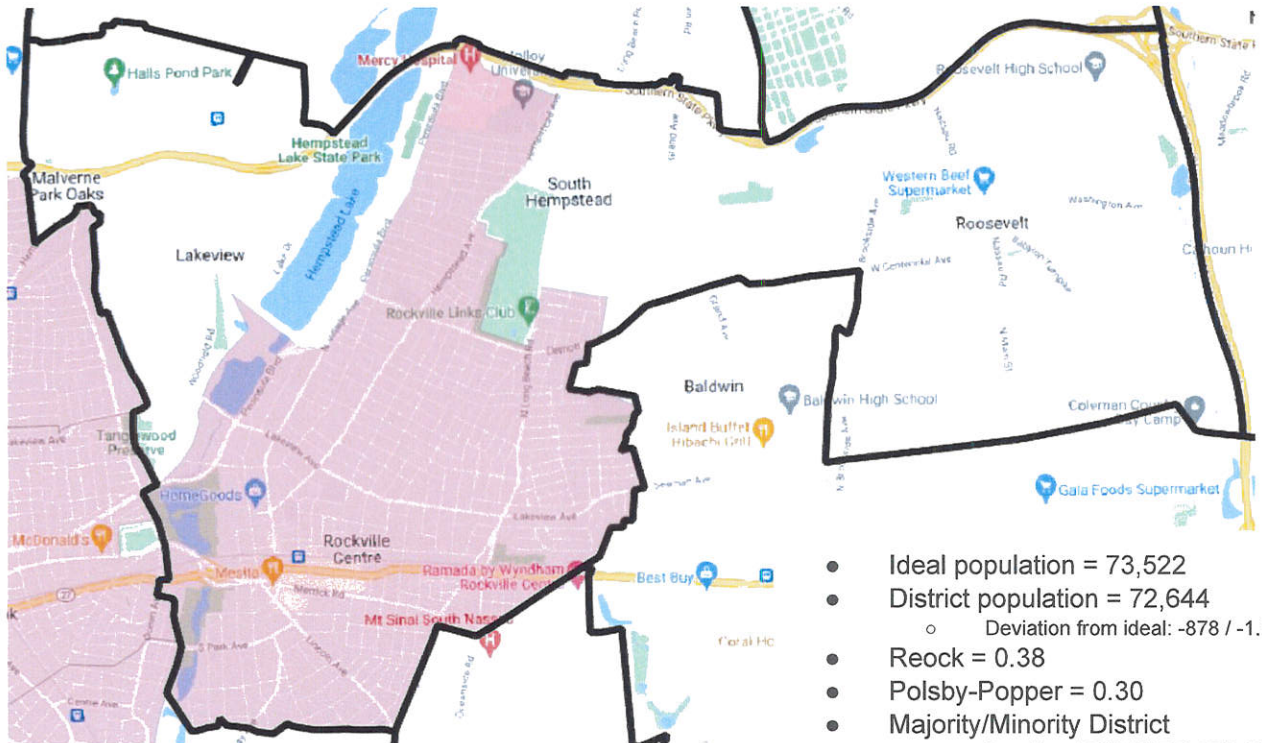| | District | 2 |
|---|---|---|
| **Total Population (Adjusted)** | Total Population | 74,617 |
| | Hispanic | 28,404 |
| | % Hispanic | 38.07% |
| | White | 18,772 |
| | % White | 25.16% |
| | Black | 19,576 |
| | % Black | 26.24% |
| | AIAN | 124 |
| | % AIAN | 0.17% |
| | Asian | 5,341 |
| | % Asian | 7.16% |
| | NHPI | 18 |
| | % NHPI | 0.02% |
| | Other | 590 |
| | % Other | 0.79% |
| | Two Plus | 1,793 |
| | % Two Plus | 2.40% |
| **Total Voting Age Population (Adjusted)** | Total VAP | 58,930 |
| | White | 16,578 |
| | % White | 28.13% |
| | Hispanic | 20,257 |
| | % Hispanic | 34.37% |
| | Black | 17,487 |
| | % Black | 29.67% |
| | Asian | 4910 |
| | % Asian | 8.33% |
| | AIAN | 1,155 |
| | % AIAN | 1.96% |
| | NHPI | 82 |
| | % NHPI | 0.14% |
| **Citizen Voting Age Population (Estimated)** | Total CVAP | 45,684 |
| | Hispanic | 12,123 |
| | % Hispanic | 26.54% |
| | White | 15,145 |
| | % White | 33.15% |
| | Black | 13,829 |
| | % Black | 30.27% |
| | Asian | 3,350 |
| | % Asian | 7.33% |

# Proposed Plan: District 3

- Ideal population = 73,522
- District population = 74,012
  - Deviation from ideal: 490 / 0.67%
- Reock = 0.47
- Polsby-Popper = 0.47
- Majority/Minority District
  - Combined 80% VAP & 72% CVAP
- Performance Analysis: based on past elections, the minority preferred candidate wins by 26% to 36%
- MHRL: None



| District | 3 |
|---|---|
| Total Population | 74,012 |
| Hispanic | 32,581 |
| % Hispanic | 44.02% |
| White | 11,717 |
| % White | 15.83% |
| Black | 24,580 |
| % Black | 33.21% |
| AIAN | 169 |
| % AIAN | 0.23% |
| Asian | 2,311 |
| % Asian | 3.12% |
| NHPI | 17 |
| % NHPI | 0.02% |
| Other | 840 |
| % Other | 1.13% |
| Two Plus | 1,792 |
| % Two Plus | 2.42% |
| Total VAP | 55,853 |
| White | 9,506 |
| % White | 17.02% |
| Hispanic | 22,977 |
| % Hispanic | 41.14% |
| Black | 21,640 |
| % Black | 38.74% |
| Asian | 2308 |
| % Asian | 4.13% |
| AIAN | 1,276 |
| % AIAN | 2.28% |
| NHPI | 91 |
| % NHPI | 0.16% |
| Total CVAP | 39,970 |
| Hispanic | 11,178 |
| % Hispanic | 27.97% |
| White | 8,615 |
| % White | 21.55% |
| Black | 17,531 |
| % Black | 43.86% |
| Asian | 1,385 |
| % Asian | 3.47% |

(Row group labels: Total Population (Adjusted); Total Voting Age Population (Adjusted); Citizen Voting Age Population (Estimated))

# Proposed Plan: District 4



- Ideal population = 73,522
- District population = 72,644
  - Deviation from ideal: -878 / -1.19%
- Reock = 0.38
- Polsby-Popper = 0.30
- Majority/Minority District
  - Combined 60% VAP & 53% CVAP
- Performance Analysis: based on past elections, the minority preferred candidate wins by 16% to 30%
- MHRL: Rockville Centre

| District | 4 |
|---|---|
| **Total Population (Adjusted)** | |
| Total Population | 72,644 |
| Hispanic | 18,538 |
| % Hispanic | 25.52% |
| White | 26,638 |
| % White | 36.67% |
| Black | 22,832 |
| % Black | 31.43% |
| AIAN | 115 |
| % AIAN | 0.16% |
| Asian | 1,722 |
| % Asian | 2.37% |
| NHPI | 19 |
| % NHPI | 0.03% |
| Other | 718 |
| % Other | 0.99% |
| Two Plus | 2,063 |
| % Two Plus | 2.84% |
| **Total Voting Age Population (Adjusted)** | |
| Total VAP | 56,059 |
| White | 21,116 |
| % White | 37.67% |
| Hispanic | 13,249 |
| % Hispanic | 23.63% |
| Black | 20,337 |
| % Black | 36.28% |
| Asian | 1775 |
| % Asian | 3.17% |
| AIAN | 925 |
| % AIAN | 1.65% |
| NHPI | 83 |
| % NHPI | 0.15% |
| **Citizen Voting Age Population (Estimated)** | |
| Total CVAP | 49,254 |
| Hispanic | 9,325 |
| % Hispanic | 18.93% |
| White | 20,531 |
| % White | 41.68% |
| Black | 16,865 |
| % Black | 34.24% |
| Asian | 973 |
| % Asian | 1.98% |

# Proposed Plan: District 5

Baldwin, Freeport, Merrick

- Ideal population = 73,522
- District population = 72,006
  - Deviation from ideal: -1,516 / -2.06%
- Reock = 0.51
- Polsby-Popper = 0.48
- Majority/Minority District
  - Combined 63% VAP & 55% CVAP
- Performance Analysis: based on past elections, the minority preferred candidate wins by 17% to 30%
- MHRL: none
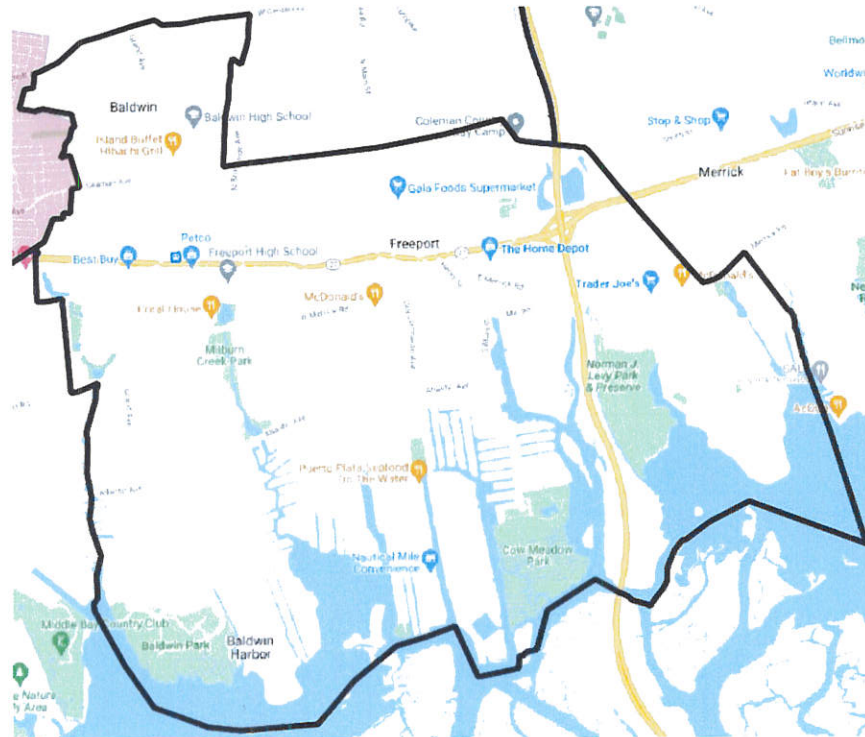
| District | 5 |
|---|---|
| Total Population | 72,006 |
| Hispanic | 25,537 |
| % Hispanic | 35.47% |
| White | 22,123 |
| % White | 30.72% |
| Black | 18,802 |
| % Black | 26.11% |
| AIAN | 120 |
| % AIAN | 0.17% |
| Asian | 2,304 |
| % Asian | 3.20% |
| NHPI | 17 |
| % NHPI | 0.02% |
| Other | 929 |
| % Other | 1.29% |
| Two Plus | 2,174 |
| % Two Plus | 3.02% |
| Total VAP | 56,631 |
| White | 19,325 |
| % White | 34.12% |
| Hispanic | 18,686 |
| % Hispanic | 33.00% |
| Black | 16,854 |
| % Black | 29.76% |
| Asian | 2371 |
| % Asian | 4.19% |
| AIAN | 986 |
| % AIAN | 1.74% |
| NHPI | 94 |
| % NHPI | 0.17% |
| Total CVAP | 47,444 |
| Hispanic | 12,566 |
| % Hispanic | 26.49% |
| White | 18,198 |
| % White | 38.36% |
| Black | 13,397 |
| % Black | 28.24% |
| Asian | 1,700 |
| % Asian | 3.58% |

Total Population (Adjusted) — Total Voting Age Population (Adjusted) — Citizen Voting Age Population (Estimated)

# Proposed Plan: District 6



- Ideal population = 73,522
- District population = 73,970
  - Deviation from ideal: 488 / 0.61%
- Reock = 0.32
- Polsby-Popper = 0.21
- Influence District
  - 61% VAP & 35% CVAP
- MHRL: Saddle Rock, Great Neck Estates, Great Neck Plaza, Thomaston, Russell Gardens, Lake Success, North Hills, New Hyde Park
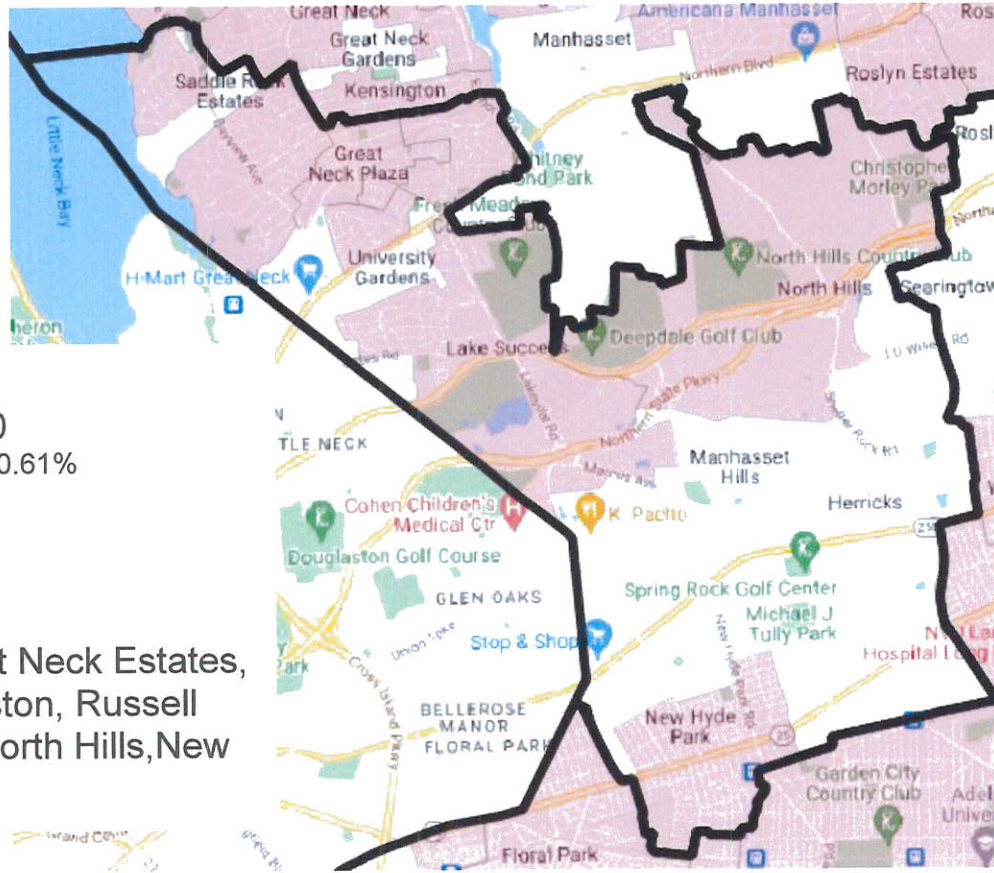
| District | 6 |
|---|---|
| Total Population | 73,970 |
| Hispanic | 5,655 |
| % Hispanic | 7.64% |
| White | 33,601 |
| % White | 45.43% |
| Black | 918 |
| % Black | 1.24% |
| AIAN | 122 |
| % AIAN | 0.16% |
| Asian | 31,313 |
| % Asian | 42.33% |
| NHPI | 22 |
| % NHPI | 0.03% |
| Other | 590 |
| % Other | 0.80% |
| Two Plus | 1,752 |
| % Two Plus | 2.37% |

Total Population (Adjusted)

| Total VAP | 59,023 |
|---|---|
| White | 29,029 |
| % White | 49.18% |
| Hispanic | 4,231 |
| % Hispanic | 7.17% |
| Black | 1141 |
| % Black | 1.93% |
| Asian | 24101 |
| % Asian | 40.83% |
| AIAN | 383 |
| % AIAN | 0.65% |
| NHPI | 57 |
| % NHPI | 0.10% |

Total Voting Age Population (Adjusted)

| Total CVAP | 52,342 |
|---|---|
| Hispanic | 3,577 |
| % Hispanic | 6.83% |
| White | 28,312 |
| % White | 54.09% |
| Black | 600 |
| % Black | 1.15% |
| Asian | 18,524 |
| % Asian | 35.39% |

Citizen Voting Age Population (Estimated)

# Proposed Plan: District 7

- Ideal population = 73,522
- District population = 72,556
  - Deviation from ideal: -966 / -1.31%
- Reock = 0.47
- Polsby-Popper = 0.37
- MHRL: Glen Cove, Sea Cliff, Old Brookville, Upper Brookville, Matinecock, Mill Neck, Lattingtown, Bayville, Centre Island, Cove Neck, Oyster Bay Cove, Laurel Hollow
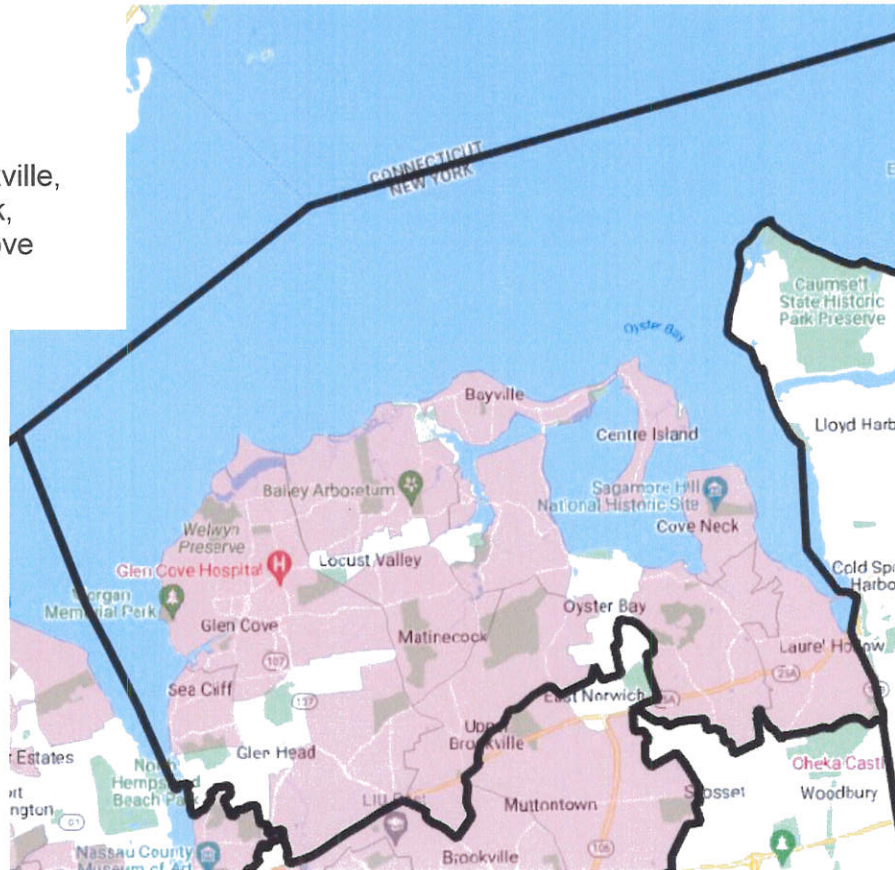
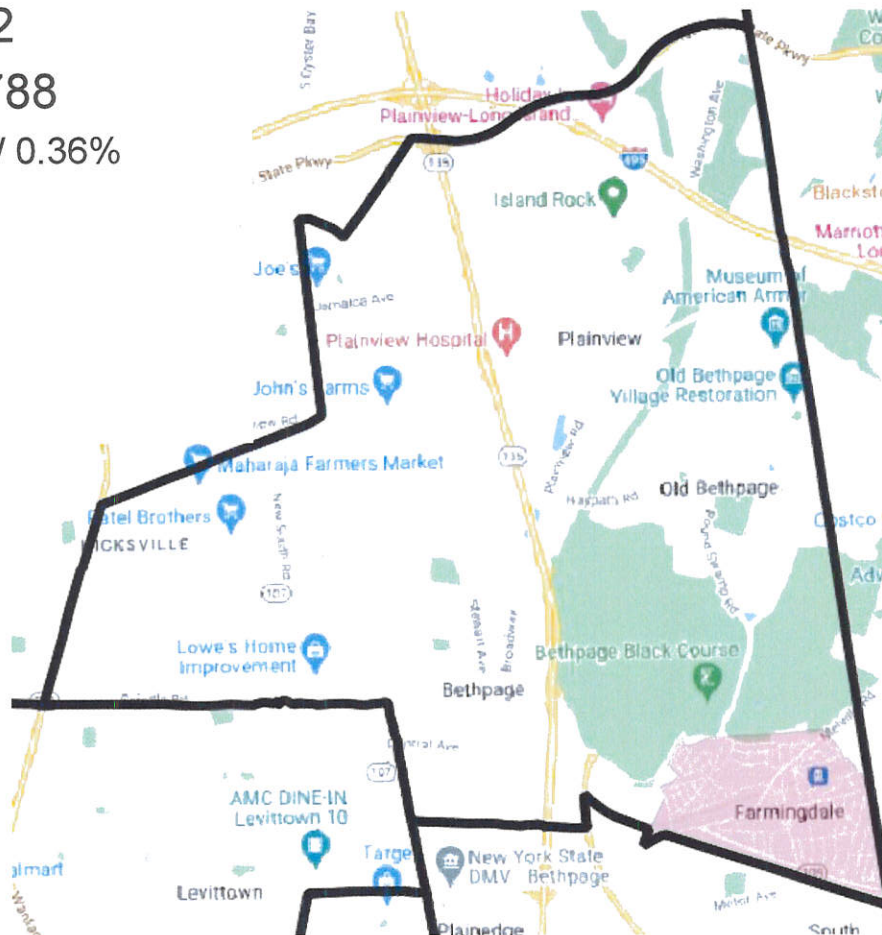| | District | 7 |
|---|---|---|
| | Total Population | 72,556 |
| | Hispanic | 14,949 |
| | % Hispanic | 20.60% |
| | White | 49,380 |
| | % White | 68.06% |
| Total Population (Adjusted) | Black | 2,220 |
| | % Black | 3.06% |
| | AIAN | 80 |
| | % AIAN | 0.11% |
| | Asian | 3,871 |
| | % Asian | 5.34% |
| | NHPI | 7 |
| | % NHPI | 0.01% |
| | Other | 368 |
| | % Other | 0.51% |
| | Two Plus | 1,681 |
| | % Two Plus | 2.32% |
| | Total VAP | 58,044 |
| | White | 41,116 |
| | % White | 70.84% |
| | Hispanic | 10,583 |
| | % Hispanic | 18.23% |
| Total Voting Age Population (Adjusted) | Black | 2,426 |
| | % Black | 4.18% |
| | Asian | 3600 |
| | % Asian | 6.20% |
| | AIAN | 519 |
| | % AIAN | 0.89% |
| | NHPI | 46 |
| | % NHPI | 0.08% |
| | Total CVAP | 50,036 |
| | Hispanic | 6,212 |
| | % Hispanic | 12.41% |
| Citizen Voting Age Population (Estimated) | White | 38,772 |
| | % White | 77.49% |
| | Black | 1,691 |
| | % Black | 3.38% |
| | Asian | 2,376 |
| | % Asian | 4.75% |

# Proposed Plan: District 8

- Ideal population = 73,522
- District population = 73,788
  - Deviation from ideal: 266 / 0.36%
- Reock = 0.47
- Polsby-Popper = 0.37
- MHRL: Farmingdale



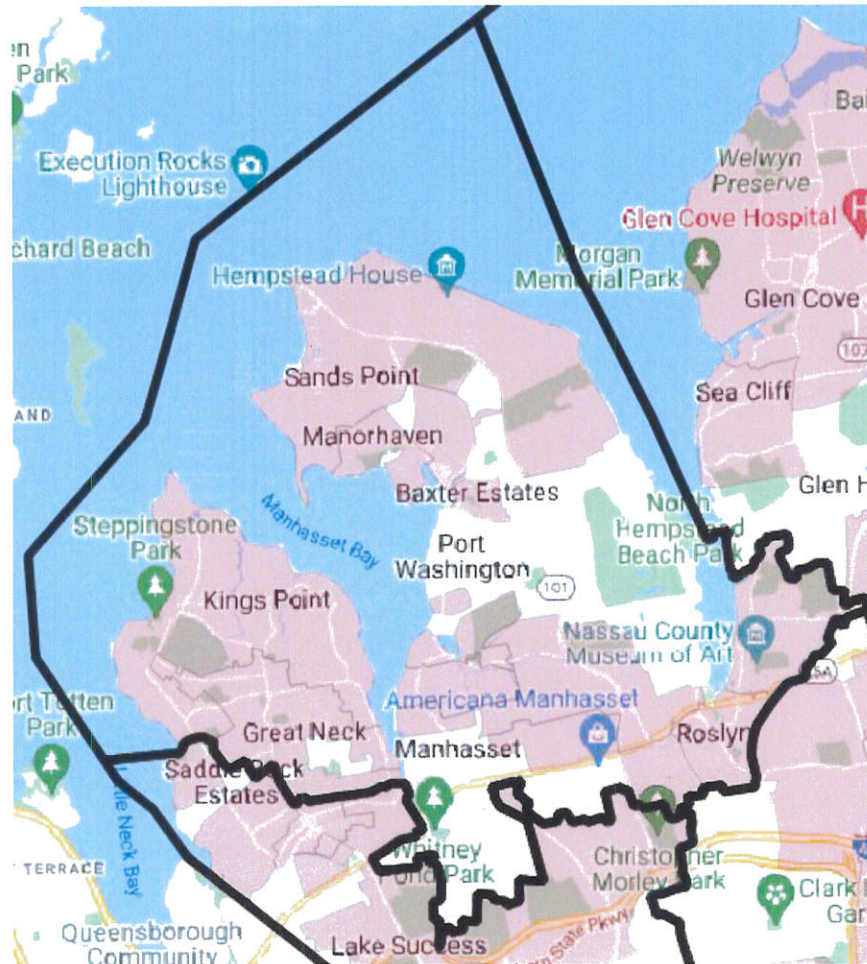| | District | 8 |
|---|---|---|
| | Total Population | 73,788 |
| | Hispanic | 7,463 |
| | % Hispanic | 10.11% |
| | White | 49,631 |
| | % White | 67.26% |
| | Black | 789 |
| | % Black | 1.07% |
| Total Population (Adjusted) | AIAN | 62 |
| | % AIAN | 0.08% |
| | Asian | 13,861 |
| | % Asian | 18.78% |
| | NHPI | 5 |
| | % NHPI | 0.01% |
| | Other | 386 |
| | % Other | 0.52% |
| | Two Plus | 1,592 |
| | % Two Plus | 2.16% |
| | Total VAP | 59,052 |
| | White | 41,363 |
| | % White | 70.05% |
| | Hispanic | 5,387 |
| | % Hispanic | 9.12% |
| Total Voting Age Population (Adjusted) | Black | 983 |
| | % Black | 1.66% |
| | Asian | 10841 |
| | % Asian | 18.36% |
| | AIAN | 407 |
| | % AIAN | 0.69% |
| | NHPI | 57 |
| | % NHPI | 0.10% |
| | Total CVAP | 54,235 |
| | Hispanic | 4,593 |
| | % Hispanic | 8.47% |
| Citizen Voting Age Population (Estimated) | White | 40,418 |
| | % White | 74.52% |
| | Black | 449 |
| | % Black | 0.83% |
| | Asian | 7,709 |
| | % Asian | 14.21% |

# Proposed Plan: District 9

- Ideal population = 73,522
- District population = 74,547
  - Deviation from ideal: 1,025 / 1.39%
- Reock = 0.57
- Polsby-Popper = 0.37
- MHRL: Sands Point, Manorhaven, Port Washington North, Baxter Estates, Plandome Manor, Flower Hill, Plandome, Plandome Heights, Munsey Park, Roslyn Estates, Roslyn, Roslyn Harbor, Kensington, Great Neck, Kings Point



| District | 9 |
|---|---|
| Total Population | 74,547 |
| Hispanic | 9,189 |
| % Hispanic | 12.33% |
| White | 51,039 |
| % White | 68.47% |
| Black | 1,465 |
| % Black | 1.97% |
| AIAN | 45 |
| % AIAN | 0.06% |
| Asian | 10,091 |
| % Asian | 13.54% |
| NHPI | 19 |
| % NHPI | 0.03% |
| Other | 366 |
| % Other | 0.49% |
| Two Plus | 2,332 |
| % Two Plus | 3.13% |
| Total VAP | 56,530 |
| White | 39,567 |
| % White | 69.99% |
| Hispanic | 6,687 |
| % Hispanic | 11.83% |
| Black | 1,603 |
| % Black | 2.84% |
| Asian | 8161 |
| % Asian | 14.44% |
| AIAN | 505 |
| % AIAN | 0.89% |
| NHPI | 70 |
| % NHPI | 0.12% |
| Total CVAP | 50,182 |
| Hispanic | 4,256 |
| % Hispanic | 8.48% |
| White | 38,105 |
| % White | 75.93% |
| Black | 1,047 |
| % Black | 2.09% |
| Asian | 5,331 |
| % Asian | 10.62% |

Total Population (Adjusted); Total Voting Age Population (Adjusted); Citizen Voting Age Population (Estimated)
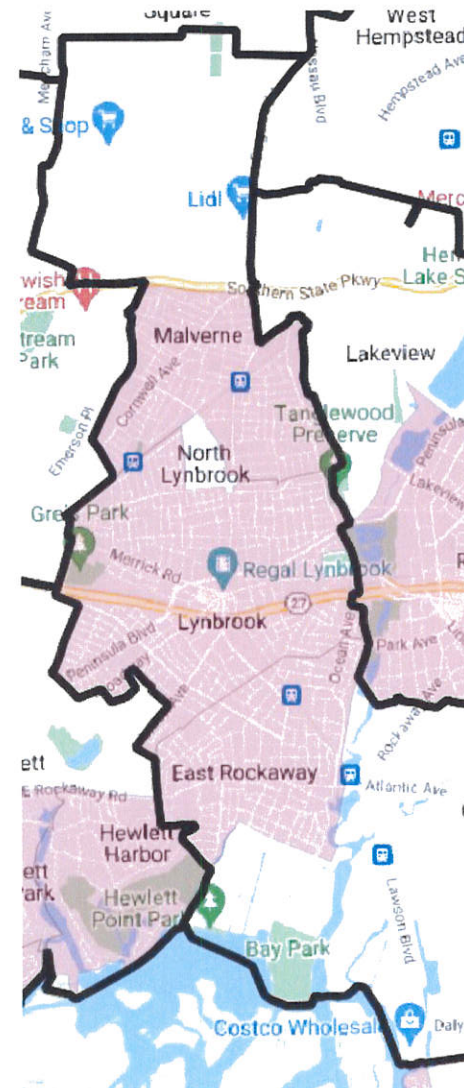
# Proposed Plan: District 10

- Ideal population = 73,522
- District population = 72,980
  - Deviation from ideal: -542 / -0.74%
- Reock = 0.57
- Polsby-Popper = 0.27
- MHRL: Malverne, Lynbrook, East Rockaway



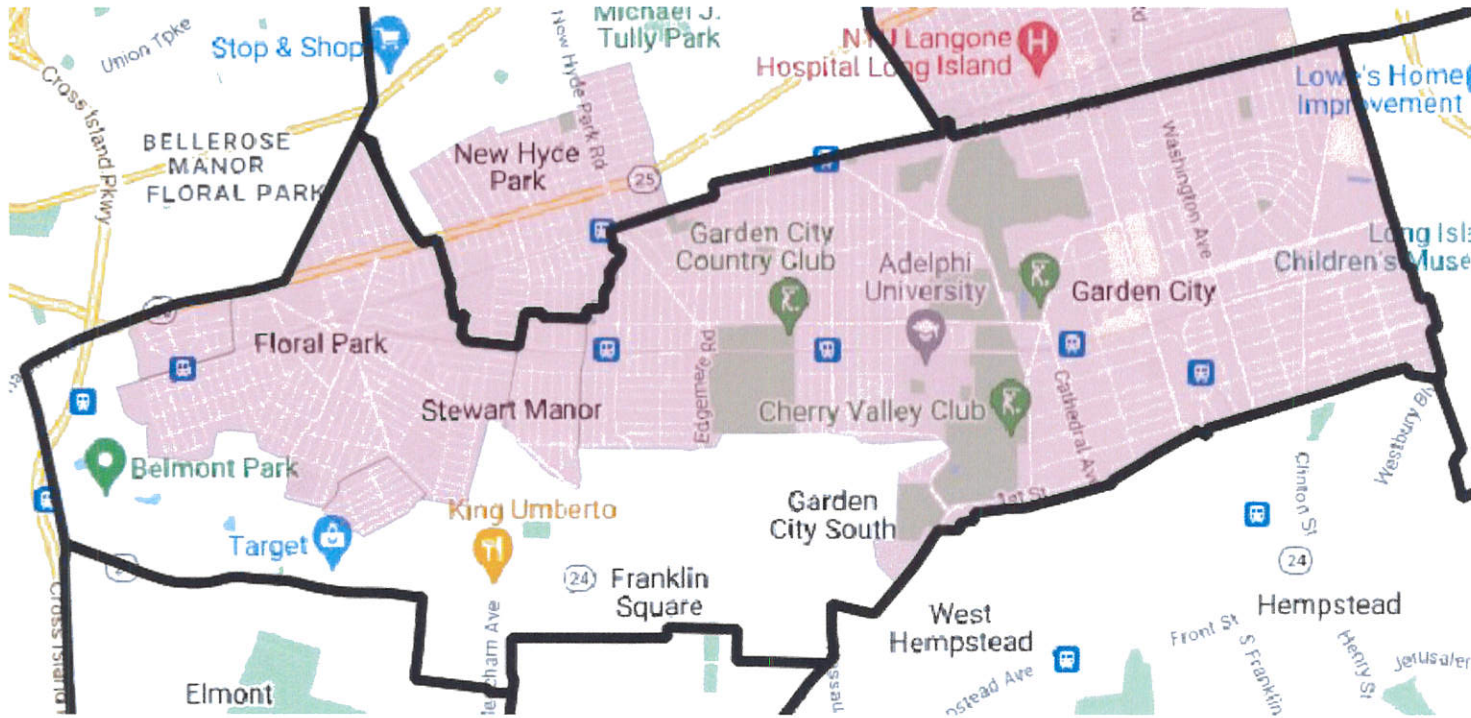| | District | 10 |
|---|---|---|
| **Total Population (Adjusted)** | Total Population | 72,980 |
| | Hispanic | 12,076 |
| | % Hispanic | 16.55% |
| | White | 50,075 |
| | % White | 68.61% |
| | Black | 3,372 |
| | % Black | 4.62% |
| | AIAN | 68 |
| | % AIAN | 0.09% |
| | Asian | 4,956 |
| | % Asian | 6.79% |
| | NHPI | 8 |
| | % NHPI | 0.01% |
| | Other | 597 |
| | % Other | 0.82% |
| | Two Plus | 1,828 |
| | % Two Plus | 2.50% |
| **Total Voting Age Population (Adjusted)** | Total VAP | 58,522 |
| | White | 41,870 |
| | % White | 71.55% |
| | Hispanic | 8,664 |
| | % Hispanic | 14.80% |
| | Black | 3,303 |
| | % Black | 5.64% |
| | Asian | 4377 |
| | % Asian | 7.48% |
| | AIAN | 603 |
| | % AIAN | 1.03% |
| | NHPI | 76 |
| | % NHPI | 0.13% |
| **Citizen Voting Age Population (Estimated)** | Total CVAP | 54,534 |
| | Hispanic | 7,150 |
| | % Hispanic | 13.11% |
| | White | 41,080 |
| | % White | 75.33% |
| | Black | 2,037 |
| | % Black | 3.74% |
| | Asian | 2,967 |
| | % Asian | 5.44% |

# Proposed Plan:
# District 11

- Ideal population = 73,522
- District population = 72,219
  - Deviation from ideal: -1,303 / -1.77%
- Reock = 0.32
- Polsby-Popper = 0.36
- MHRL: Bellerose, Floral Park, South Floral Park, Stewart Manor, Garden City



| | District | 11 |
|---|---|---|
| **Total Population (Adjusted)** | Total Population | 72,219 |
| | Hispanic | 10,759 |
| | % Hispanic | 14.90% |
| | White | 46,195 |
| | % White | 63.97% |
| | Black | 4,338 |
| | % Black | 6.01% |
| | AIAN | 116 |
| | % AIAN | 0.16% |
| | Asian | 8,518 |
| | % Asian | 11.79% |
| | NHPI | 15 |
| | % NHPI | 0.02% |
| | Other | 576 |
| | % Other | 0.80% |
| | Two Plus | 1,700 |
| | % Two Plus | 2.35% |
| **Total Voting Age Population (Adjusted)** | Total VAP | 56,461 |
| | White | 37,431 |
| | % White | 66.30% |
| | Hispanic | 7,689 |
| | % Hispanic | 13.62% |
| | Black | 4,150 |
| | % Black | 7.35% |
| | Asian | 6951 |
| | % Asian | 12.31% |
| | AIAN | 478 |
| | % AIAN | 0.85% |
| | NHPI | 49 |
| | % NHPI | 0.09% |
| **Citizen Voting Age Population (Estimated)** | Total CVAP | 51,965 |
| | Hispanic | 6,402 |
| | % Hispanic | 12.32% |
| | White | 36,752 |
| | % White | 70.72% |
| | Black | 2,881 |
| | % Black | 5.54% |
| | Asian | 4,703 |
| | % Asian | 9.05% |

# Proposed Plan: District 12

- Ideal population = 73,522
- District population = 72,089
  - -1,433 / -1.95%
- Reock = 0.31
- Polsby-Popper = 0.27
- MHRL: Mineola, Williston Park, East Williston, East Hills, Old Westbury, Brookville, Muttontown



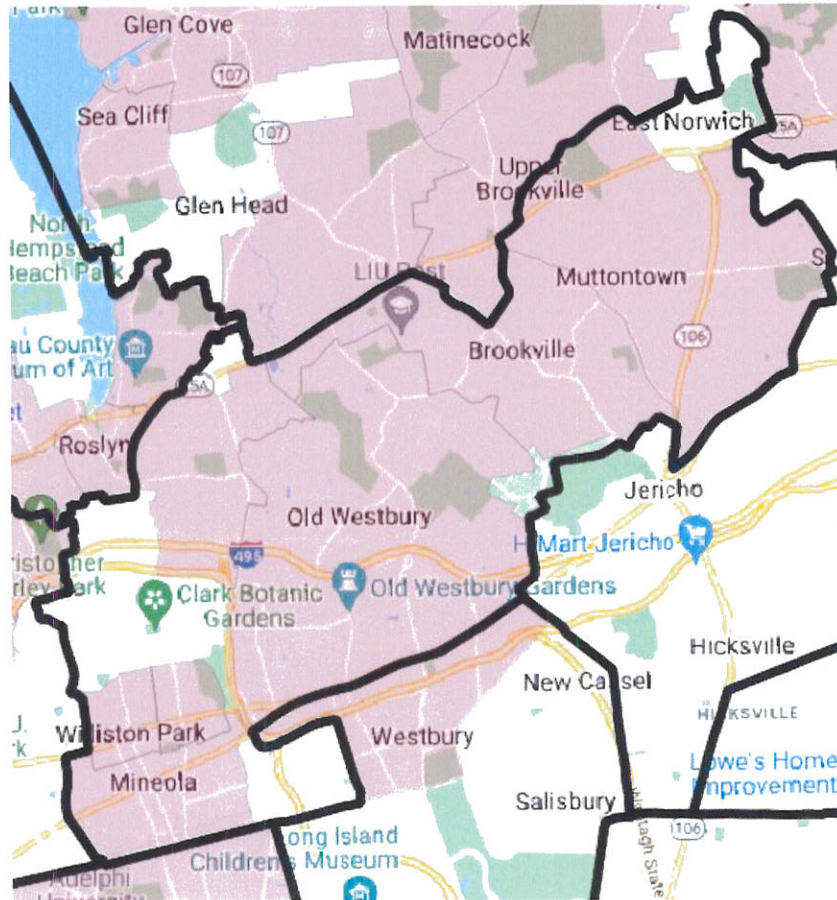| | District | 12 |
|---|---|---|
| **Total Population (Adjusted)** | Total Population | 72,089 |
| | Hispanic | 8,269 |
| | % Hispanic | 11.47% |
| | White | 45,365 |
| | % White | 62.93% |
| | Black | 2,020 |
| | % Black | 2.80% |
| | AIAN | 51 |
| | % AIAN | 0.07% |
| | Asian | 13,887 |
| | % Asian | 19.26% |
| | NHPI | 10 |
| | % NHPI | 0.01% |
| | Other | 521 |
| | % Other | 0.72% |
| | Two Plus | 1,965 |
| | % Two Plus | 2.73% |
| **Total Voting Age Population (Adjusted)** | Total VAP | 57,405 |
| | White | 37,525 |
| | % White | 65.37% |
| | Hispanic | 6,021 |
| | % Hispanic | 10.49% |
| | Black | 2,188 |
| | % Black | 3.81% |
| | Asian | 11112 |
| | % Asian | 19.36% |
| | AIAN | 336 |
| | % AIAN | 0.59% |
| | NHPI | 58 |
| | % NHPI | 0.10% |
| **Citizen Voting Age Population (Estimated)** | Total CVAP | 51,684 |
| | Hispanic | 4,522 |
| | % Hispanic | 8.75% |
| | White | 35,980 |
| | % White | 69.62% |
| | Black | 1,558 |
| | % Black | 3.01% |
| | Asian | 8,167 |
| | % Asian | 15.80% |

# Proposed Plan: District 13

- Ideal population = 73,522
- District population = 75,231
  - Deviation from ideal: 1,709 / 2.32%
- Reock = 0.41
- Polsby-Popper = 0.53
- MHRL: None
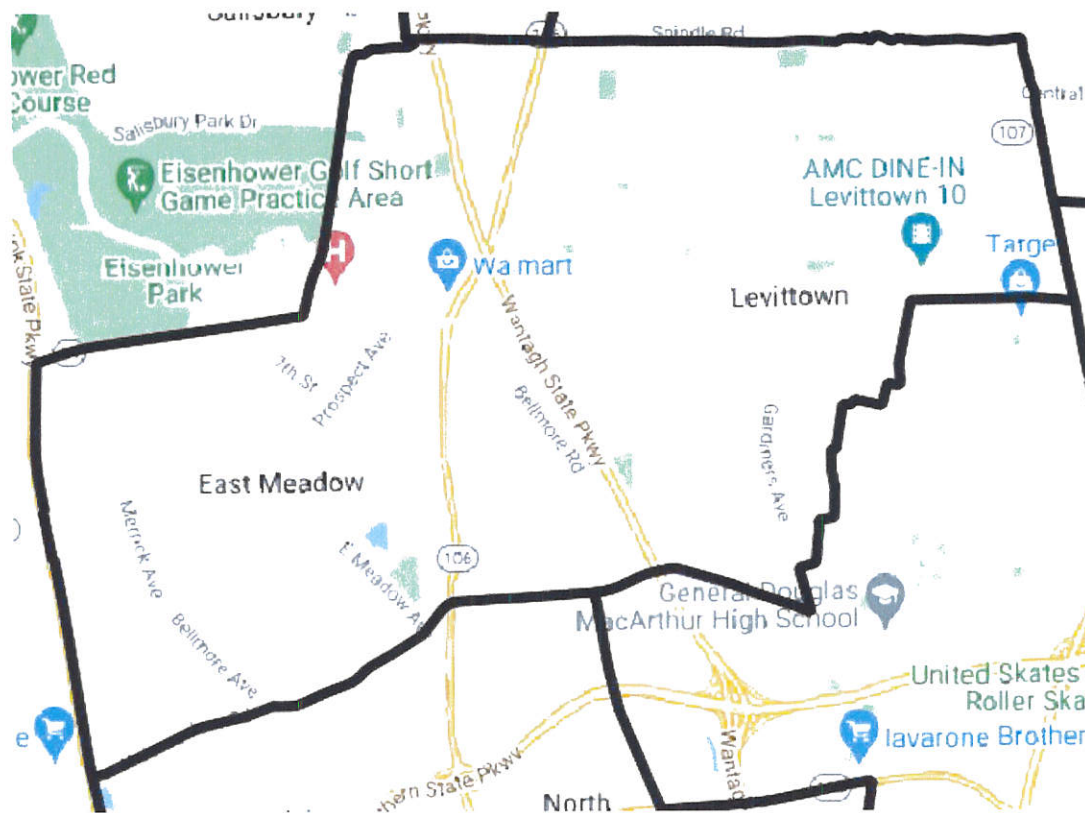


| District | 13 |
|---|---|
| Total Population | 75,231 |

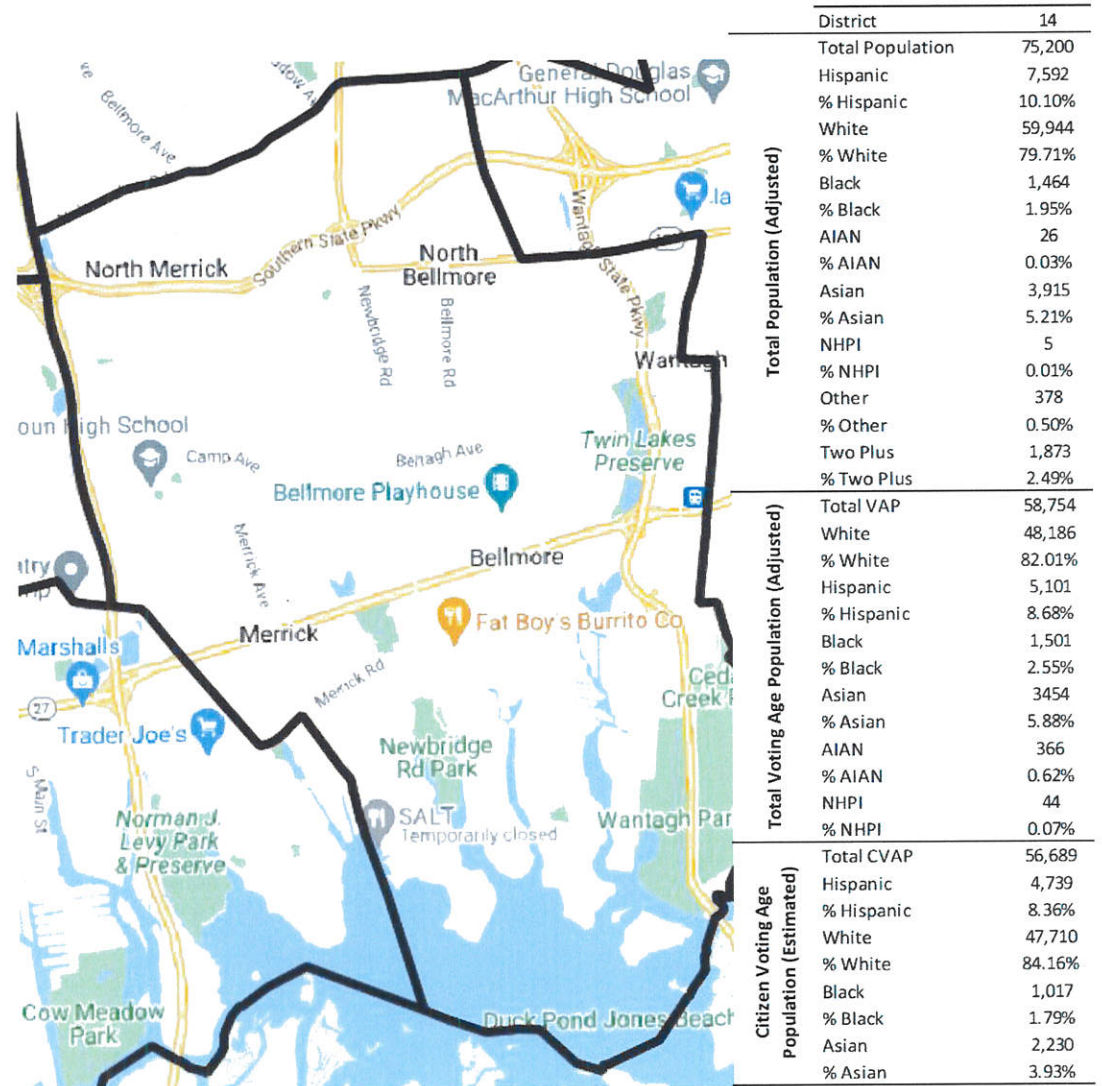| | | |
|---|---|---|
| **Total Population (Adjusted)** | Hispanic | 12,751 |
| | % Hispanic | 16.95% |
| | White | 45,940 |
| | % White | 61.07% |
| | Black | 2,167 |
| | % Black | 2.88% |
| | AIAN | 99 |
| | % AIAN | 0.13% |
| | Asian | 11,716 |
| | % Asian | 15.57% |
| | NHPI | 17 |
| | % NHPI | 0.02% |
| | Other | 551 |
| | % Other | 0.73% |
| | Two Plus | 1,987 |
| | % Two Plus | 2.64% |
| **Total Voting Age Population (Adjusted)** | Total VAP | 60,365 |
| | White | 39,221 |
| | % White | 64.97% |
| | Hispanic | 9,044 |
| | % Hispanic | 14.98% |
| | Black | 2,392 |
| | % Black | 3.96% |
| | Asian | 9351 |
| | % Asian | 15.49% |
| | AIAN | 540 |
| | % AIAN | 0.89% |
| | NHPI | 76 |
| | % NHPI | 0.13% |
| **Citizen Voting Age Population (Estimated)** | Total CVAP | 56,652 |
| | Hispanic | 8,064 |
| | % Hispanic | 14.23% |
| | White | 38,469 |
| | % White | 67.90% |
| | Black | 1,402 |
| | % Black | 2.47% |
| | Asian | 7,282 |
| | % Asian | 12.85% |

# Proposed Plan: District 14

- Ideal population = 73,522
- District population = 75,200
  - Deviation from ideal: 1,678 / 2.28%
- Reock = 0.53
- Polsby-Popper = 0.59
- MHRL: None



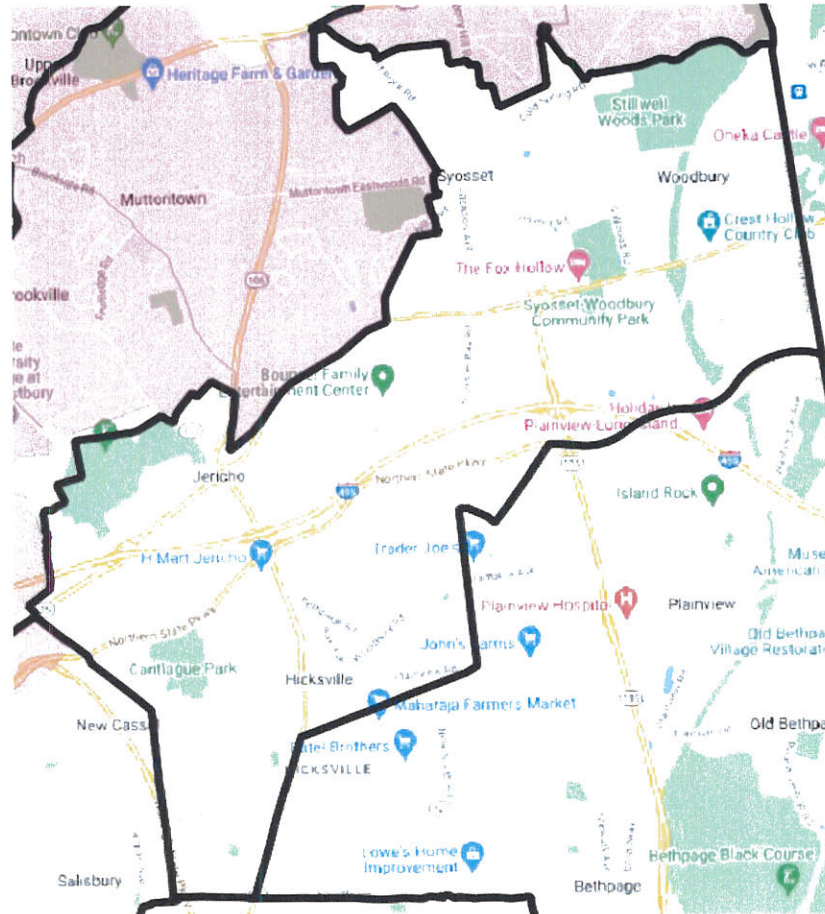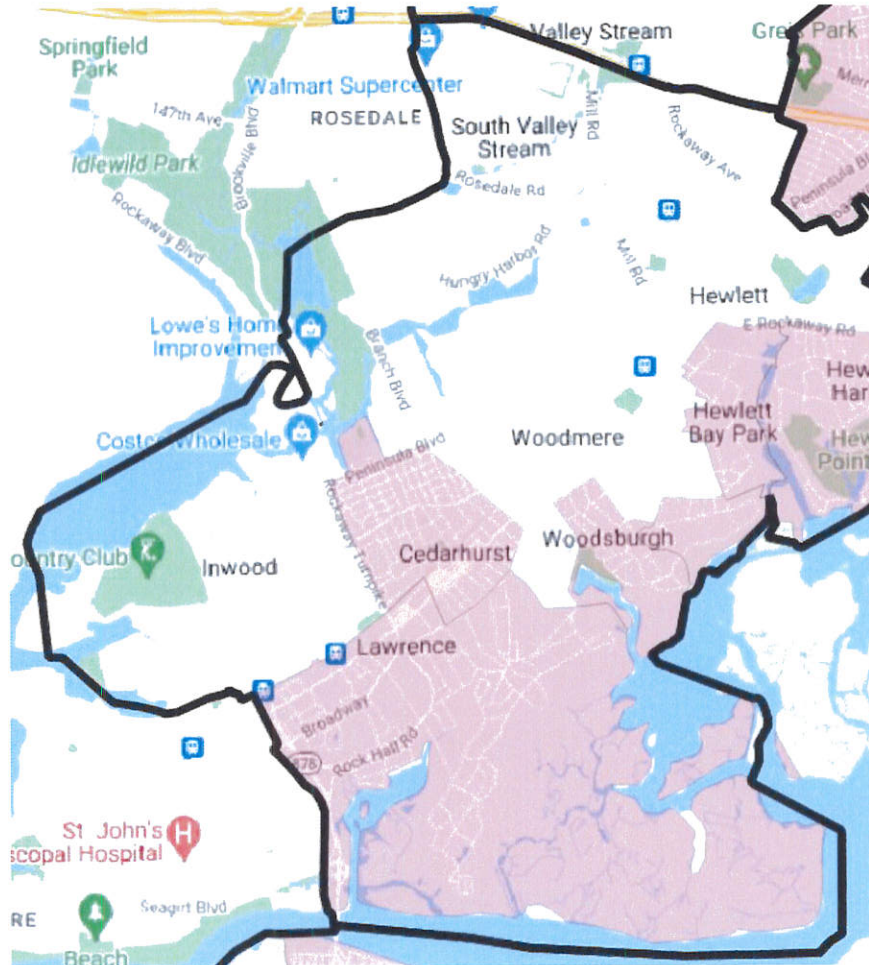| | District | 14 |
|---|---|---|
| | Total Population | 75,200 |
| | Hispanic | 7,592 |
| | % Hispanic | 10.10% |
| | White | 59,944 |
| | % White | 79.71% |
| | Black | 1,464 |
| | % Black | 1.95% |
| Total Population (Adjusted) | AIAN | 26 |
| | % AIAN | 0.03% |
| | Asian | 3,915 |
| | % Asian | 5.21% |
| | NHPI | 5 |
| | % NHPI | 0.01% |
| | Other | 378 |
| | % Other | 0.50% |
| | Two Plus | 1,873 |
| | % Two Plus | 2.49% |
| | Total VAP | 58,754 |
| | White | 48,186 |
| | % White | 82.01% |
| | Hispanic | 5,101 |
| Total Voting Age Population (Adjusted) | % Hispanic | 8.68% |
| | Black | 1,501 |
| | % Black | 2.55% |
| | Asian | 3454 |
| | % Asian | 5.88% |
| | AIAN | 366 |
| | % AIAN | 0.62% |
| | NHPI | 44 |
| | % NHPI | 0.07% |
| | Total CVAP | 56,689 |
| | Hispanic | 4,739 |
| | % Hispanic | 8.36% |
| Citizen Voting Age Population (Estimated) | White | 47,710 |
| | % White | 84.16% |
| | Black | 1,017 |
| | % Black | 1.79% |
| | Asian | 2,230 |
| | % Asian | 3.93% |

# Proposed Plan: District 15

- Ideal population = 73,522
- District population = 72,130
  - Deviation from ideal: -1,392 / -1.89%
- Reock = 0.34
- Polsby-Popper = 0.30
- MHRL: None



| District | | 15 |
|---|---|---|
| | Total Population | 72,130 |
| | Hispanic | 7,602 |
| | % Hispanic | 10.54% |
| | White | 36,094 |
| | % White | 50.04% |
| | Black | 1,469 |
| | % Black | 2.04% |
| | AIAN | 78 |
| Total Population (Adjusted) | % AIAN | 0.11% |
| | Asian | 24,863 |
| | % Asian | 34.47% |
| | NHPI | 12 |
| | % NHPI | 0.02% |
| | Other | 389 |
| | % Other | 0.54% |
| | Two Plus | 1,622 |
| | % Two Plus | 2.25% |
| | Total VAP | 56,433 |
| | White | 30,477 |
| | % White | 54.01% |
| | Hispanic | 5,559 |
| Total Voting Age Population (Adjusted) | % Hispanic | 9.85% |
| | Black | 1,561 |
| | % Black | 2.77% |
| | Asian | 18545 |
| | % Asian | 32.86% |
| | AIAN | 350 |
| | % AIAN | 0.62% |
| | NHPI | 39 |
| | % NHPI | 0.07% |
| | Total CVAP | 49,570 |
| | Hispanic | 4,258 |
| Citizen Voting Age Population (Estimated) | % Hispanic | 8.59% |
| | White | 29,789 |
| | % White | 60.09% |
| | Black | 929 |
| | % Black | 1.87% |
| | Asian | 13,630 |
| | % Asian | 27.50% |

# Proposed Plan: District 16

- Ideal population = 73,522
- District population = 73,860
  - Deviation from ideal: 338 / 0.46%
- Reock = 0.60
- Polsby-Popper = 0.41
- MHRL: Cedarhurst, Lawrence, Woodsburgh, Hewlett Neck, Hewlett Bay Park, Hewlett Harbor



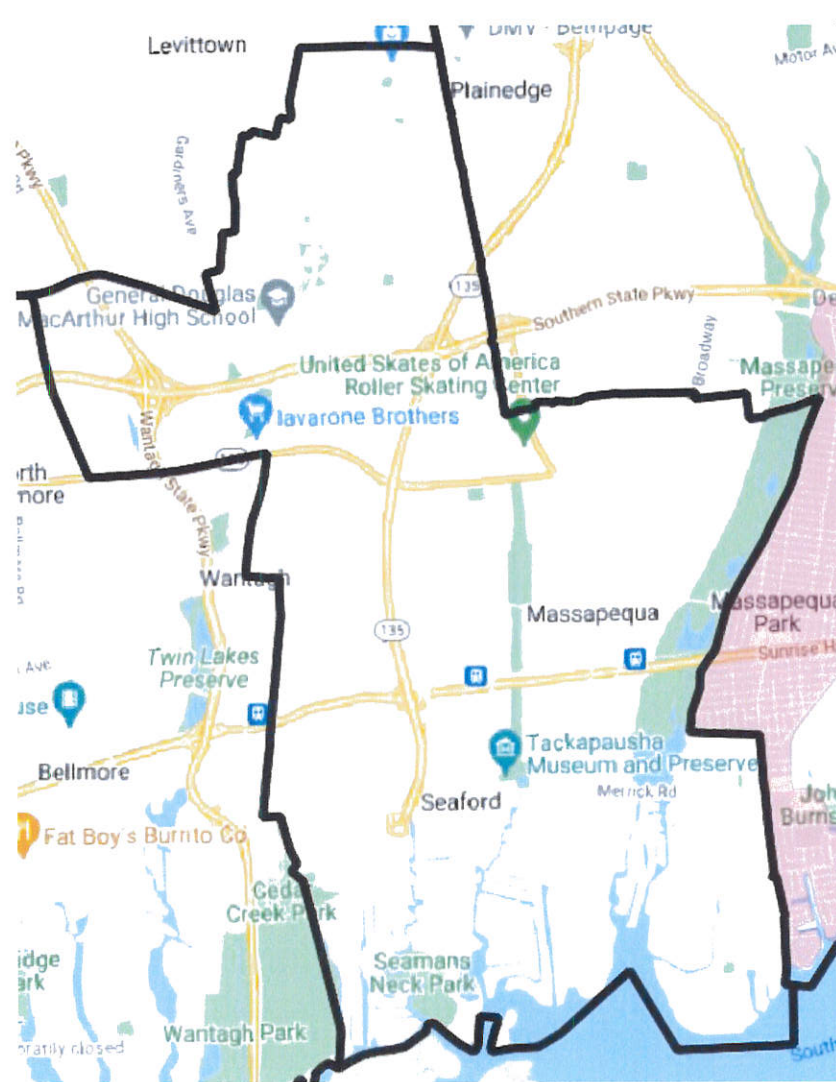| | District | 16 |
|---|---|---|
| **Total Population (Adjusted)** | Total Population | 73,860 |
| | Hispanic | 13,636 |
| | % Hispanic | 18.46% |
| | White | 45,417 |
| | % White | 61.49% |
| | Black | 6,907 |
| | % Black | 9.35% |
| | AIAN | 66 |
| | % AIAN | 0.09% |
| | Asian | 5,136 |
| | % Asian | 6.95% |
| | NHPI | 20 |
| | % NHPI | 0.03% |
| | Other | 1,064 |
| | % Other | 1.44% |
| | Two Plus | 1,615 |
| | % Two Plus | 2.19% |
| **Total Voting Age Population (Adjusted)** | Total VAP | 53,387 |
| | White | 32,608 |
| | % White | 61.08% |
| | Hispanic | 9,705 |
| | % Hispanic | 18.18% |
| | Black | 6,288 |
| | % Black | 11.78% |
| | Asian | 4406 |
| | % Asian | 8.25% |
| | AIAN | 530 |
| | % AIAN | 0.99% |
| | NHPI | 59 |
| | % NHPI | 0.11% |
| **Citizen Voting Age Population (Estimated)** | Total CVAP | 47,945 |
| | Hispanic | 6,815 |
| | % Hispanic | 14.22% |
| | White | 31,487 |
| | % White | 65.67% |
| | Black | 4,715 |
| | % Black | 9.83% |
| | Asian | 3,388 |
| | % Asian | 7.07% |

# Proposed Plan: District 17

- Ideal population = 73,522
- District population = 72,265
  - -1,257 / -1.71%
- Reock = 0.38
- Polsby-Popper = 0.36
- MHRL: Atlantic Beach, Island Park



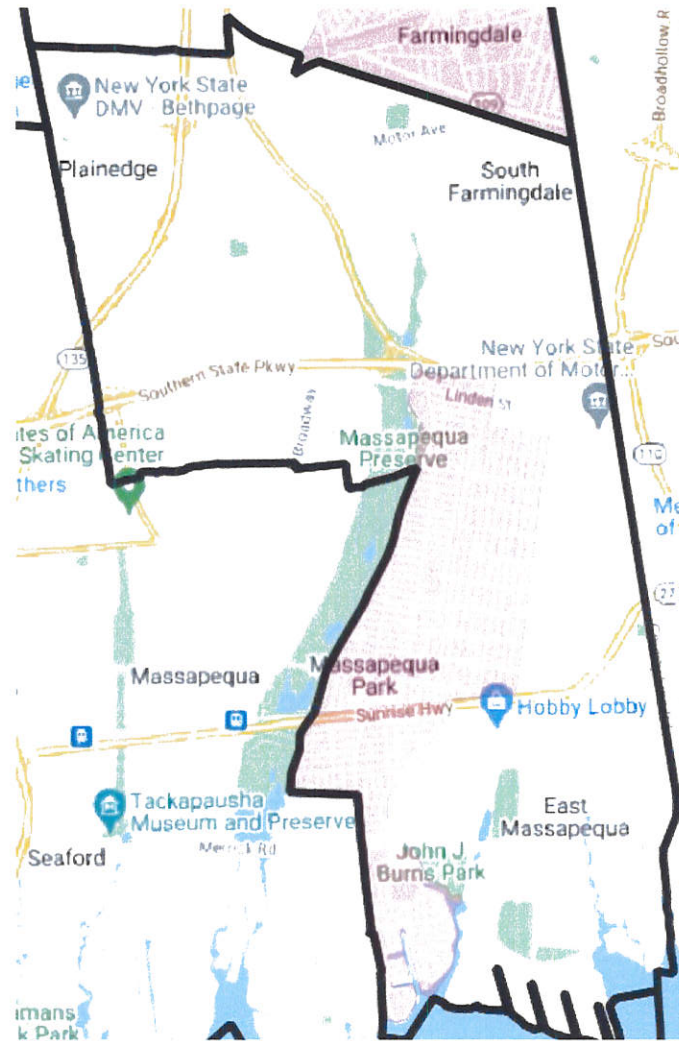| | District | 17 |
|---|---|---|
| **Total Population (Adjusted)** | Total Population | 72,265 |
| | Hispanic | 10,699 |
| | % Hispanic | 14.81% |
| | White | 54,366 |
| | % White | 75.23% |
| | Black | 2,523 |
| | % Black | 3.49% |
| | AIAN | 72 |
| | % AIAN | 0.10% |
| | Asian | 2,289 |
| | % Asian | 3.17% |
| | NHPI | 30 |
| | % NHPI | 0.04% |
| | Other | 549 |
| | % Other | 0.76% |
| | Two Plus | 1,735 |
| | % Two Plus | 2.40% |
| **Total Voting Age Population (Adjusted)** | Total VAP | 59,746 |
| | White | 46,372 |
| | % White | 77.62% |
| | Hispanic | 7,984 |
| | % Hispanic | 13.36% |
| | Black | 2,590 |
| | % Black | 4.34% |
| | Asian | 2218 |
| | % Asian | 3.71% |
| | AIAN | 548 |
| | % AIAN | 0.92% |
| | NHPI | 70 |
| | % NHPI | 0.12% |
| **Citizen Voting Age Population (Estimated)** | Total CVAP | 56,306 |
| | Hispanic | 6,593 |
| | % Hispanic | 11.71% |
| | White | 45,245 |
| | % White | 80.36% |
| | Black | 1,788 |
| | % Black | 3.18% |
| | Asian | 1,319 |
| | % Asian | 2.34% |

# Proposed Plan:
# District 18

- Ideal population = 73,522
- District population = 75,045
  - Deviation from ideal: 1,523/ 2.07%
- Reock = 0.43
- Polsby-Popper = 0.35
- MHRL: None



| | District | 18 |
|---|---|---|
| **Total Population (Adjusted)** | Total Population | 75,045 |
| | Hispanic | 7,129 |
| | % Hispanic | 9.50% |
| | White | 62,895 |
| | % White | 83.81% |
| | Black | 591 |
| | % Black | 0.79% |
| | AIAN | 24 |
| | % AIAN | 0.03% |
| | Asian | 2,460 |
| | % Asian | 3.28% |
| | NHPI | 3 |
| | % NHPI | 0% |
| | Other | 283 |
| | % Other | 0.38% |
| | Two Plus | 1,658 |
| | % Two Plus | 2.21% |
| **Total Voting Age Population (Adjusted)** | Total VAP | 59,331 |
| | White | 50,872 |
| | % White | 86% |
| | Hispanic | 4,900 |
| | % Hispanic | 8.26% |
| | Black | 863 |
| | % Black | 1.45% |
| | Asian | 2262 |
| | % Asian | 3.81% |
| | AIAN | 325 |
| | % AIAN | 0.55% |
| | NHPI | 31 |
| | % NHPI | 0% |
| **Citizen Voting Age Population (Estimated)** | Total CVAP | 57,562 |
| | Hispanic | 4,505 |
| | % Hispanic | 7.83% |
| | White | 50,286 |
| | % White | 87.36% |
| | Black | 385 |
| | % Black | 0.67% |
| | Asian | 1,469 |
| | % Asian | 2.55% |

# Proposed Plan:
# District 19

- Ideal population = 73,522
- District population = 75,144
  - Deviation from ideal: 1,622 / 2.21%
- Reock = 0.35
- Polsby-Popper = 0.34
- MHRL: Massapequa Park



| District | 19 |
|---|---|
| Total Population | 75,144 |
| Hispanic | 8,467 |
| % Hispanic | 11.27% |
| White | 58,837 |
| % White | 78.30% |
| Black | 3,051 |
| % Black | 4.06% |
| AIAN | 46 |
| % AIAN | 0.06% |
| Asian | 2,766 |
| % Asian | 3.68% |
| NHPI | 17 |
| % NHPI | 0.02% |
| Other | 360 |
| % Other | 0.48% |
| Two Plus | 1,603 |
| % Two Plus | 2.13% |
| Total VAP | 60,279 |
| White | 48,379 |
| % White | 80.26% |
| Hispanic | 6,000 |
| % Hispanic | 9.95% |
| Black | 2,947 |
| % Black | 4.89% |
| Asian | 2630 |
| % Asian | 4.36% |
| AIAN | 481 |
| % AIAN | 0.80% |
| NHPI | 48 |
| % NHPI | 0.08% |
| Total CVAP | 58,589 |
| Hispanic | 5,722 |
| % Hispanic | 9.77% |
| White | 47,872 |
| % White | 81.71% |
| Black | 2,012 |
| % Black | 3.43% |
| Asian | 1,858 |
| % Asian | 3.17% |

The first column group is labeled "Total Population (Adjusted)", the second "Total Voting Age Population (Adjusted)", and the third "Citizen Voting Age Population (Estimated)".

# Questions