

## Merrimack County

The committee's map has 2 more violations than the Map-a-Thon recommendation. Hooksett and Bow get their own districts under the Map-a-Thon recommendation. The committee's map does have smaller more compact districts in the northwestern part of the county. But, the committee's map combines the Democrat-leaning town of Dunbarton with the Republican-leaning town of Hooksett, thus diluting the Democrat vote in Dunbarton and giving the Republicans an additional Republican leaning seat.



\*These maps do not reflect the amendment's swap of 2 Concord Wards in District 2, but it does not meaningfully affect the deviation.



| Merrimack County                                       | Map-a-Thon Recommendation | HB50 Map w/ Senate Amendment |
|--|---------------------------|------------------------------|
| Deviation  | -4.24% to 4.64% (8.88%)   | -4.58% to 4.64% (9.22%)      |
| # Violations   | 5                         | 7                            |
| # Towns/Wards in Largest Non-Floterial District        | 4                         | 5                            |
| Largest # Reps in a Non-Floterial District             | 3                         | 4                            |
| # Towns/Wards in Largest Floterial District            | 7                         | 8                            |
| Largest # Reps in a Floterial District                 | 2                         | 2                            |
| Partisan Lean of Seats (Lean Dem/Lean Rep/Competitive) | 13/17/15                  | 17/20/8                      |

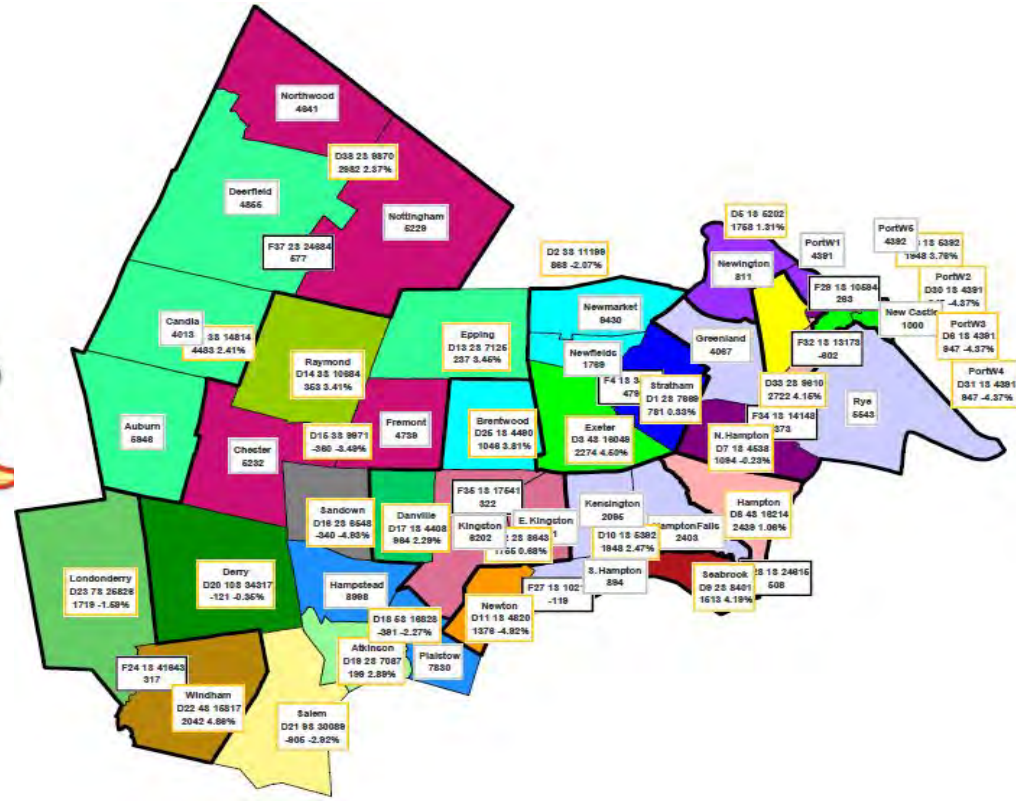
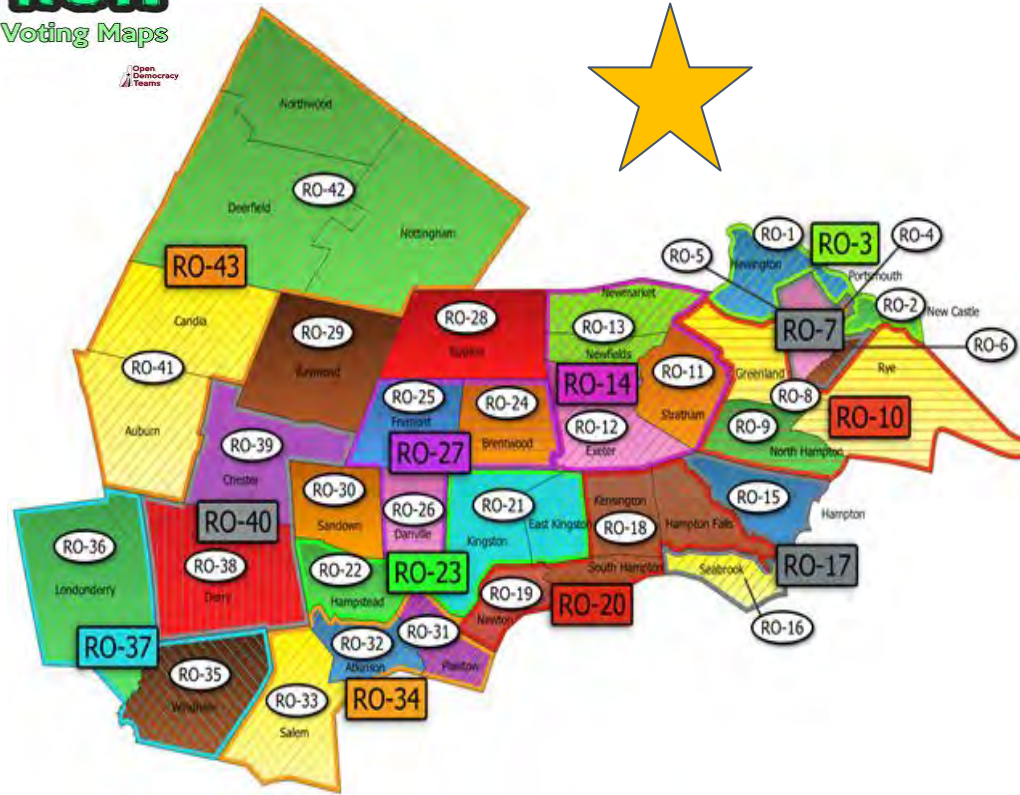
# Map-a-Thon

Granite Staters Drawing Fair Voting Maps



## Rockingham County

The committee's map has 4 more violations than the Map-a-Thon's recommendation. The eastern part of the map is the same in both but the western section is very different. Chester, Fremont, Hampstead, and Plaistow all get their own districts under the Map-a-Thon recommendation. Deerfield also is put with Northwood and Nottingham, which aligns with testimony from residents of Deerfield at the public hearing.



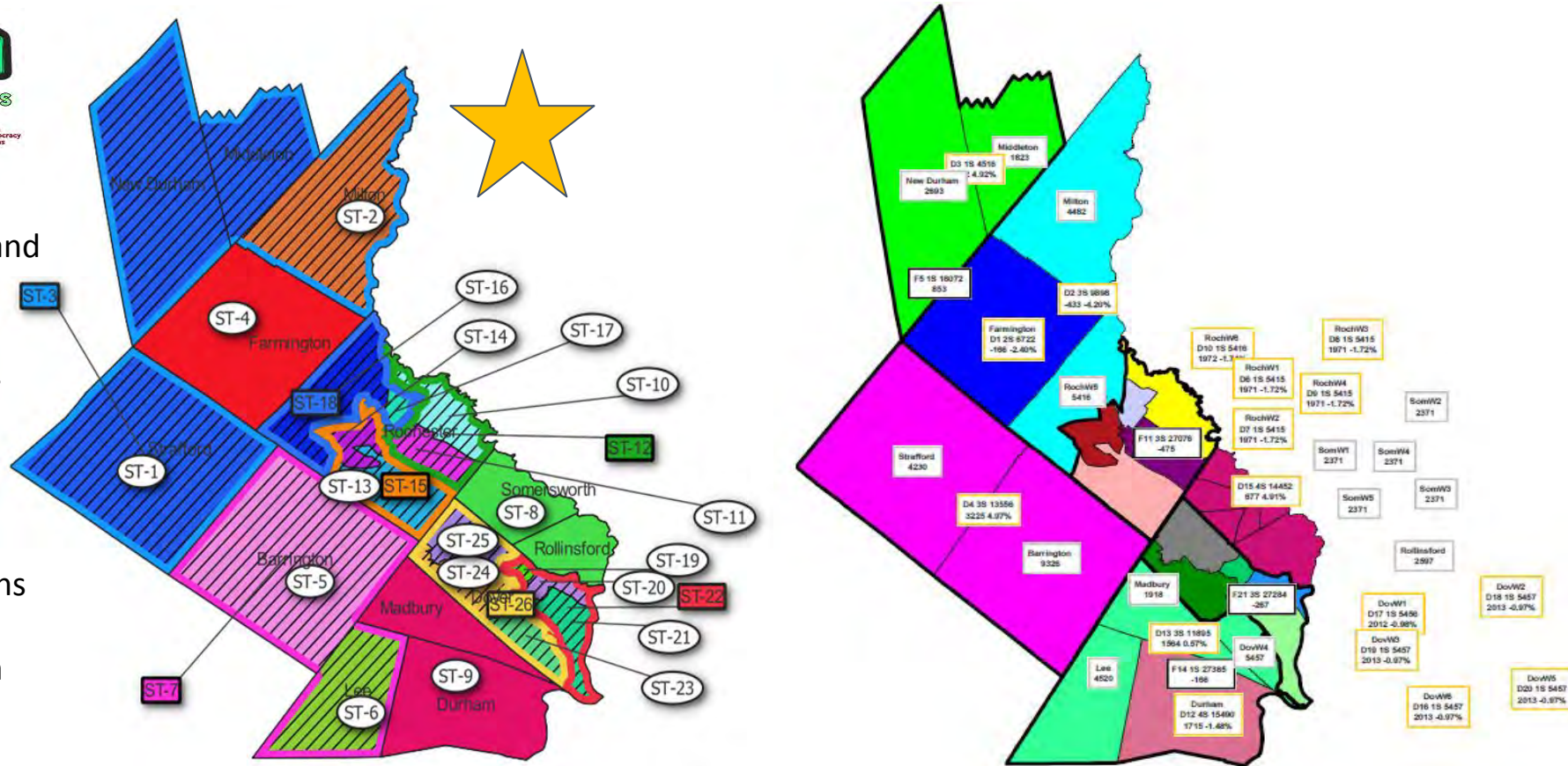
| Rockingham County                                      | Map-a-Thon Recommendation | HB50 Map                |
|--|---------------------------|-------------------------|
| Deviation  | -4.92% to 4.86% (9.78%)   | -4.93% to 4.86% (9.80%) |
| # Violations   | 10                        | 14                      |
| # Towns/Wards in Largest Non-Floterial District        | 3                         | 3                       |
| Largest # Reps in a Non-Floterial District             | 8                         | 10                      |
| # Towns/Wards in Largest Floterial District            | 5                         | 5                       |
| Largest # Reps in a Floterial District                 | 4                         | 2                       |
| Partisan Lean of Seats (Lean Dem/Lean Rep/Competitive) | 20/63/8                   | 20/63/8                 |



## Strafford County

The committee's map breaks up both Dover and Rochester while also not giving Milton, Barrington, and Lee their own districts; although it does give Durham its own district. It's likely the district was constructed to help the incumbent win reelection in Barrington. Barrington is a swing town, and thus by combining it with the more Republican Strafford, it trades a fairer map for other towns with giving the Republican rep there a better chance of winning. the committee map has a slightly lower deviation.

Map-a-Thon's recommendation has 4 fewer violations! There is also a way to combine a ward in Rochester with a ward in Dover to decrease the deviations and allow for more wiggle room with new ward lines.



| Strafford County                                       | Map-a-Thon Recommendation | HB50 Map                |
|--|---------------------------|-------------------------|
| Deviation  | -4.94% to 4.91% (9.85%)   | -4.20% to 4.97% (9.16%) |
| # Violations   | 3                         | 7                       |
| # Towns/Wards in Largest Non-Float District            | 6                         | 6                       |
| Largest # Reps in a Non-Floterial District             | 5                         | 4                       |
| # Towns/Wards in Largest Floterial District            | 4                         | 5                       |
| Largest # Reps in a Floterial District                 | 2                         | 3                       |
| Partisan Lean of Seats (Lean Dem/Lean Rep/Competitive) | 20/7/11                   | 20/8/10                 |

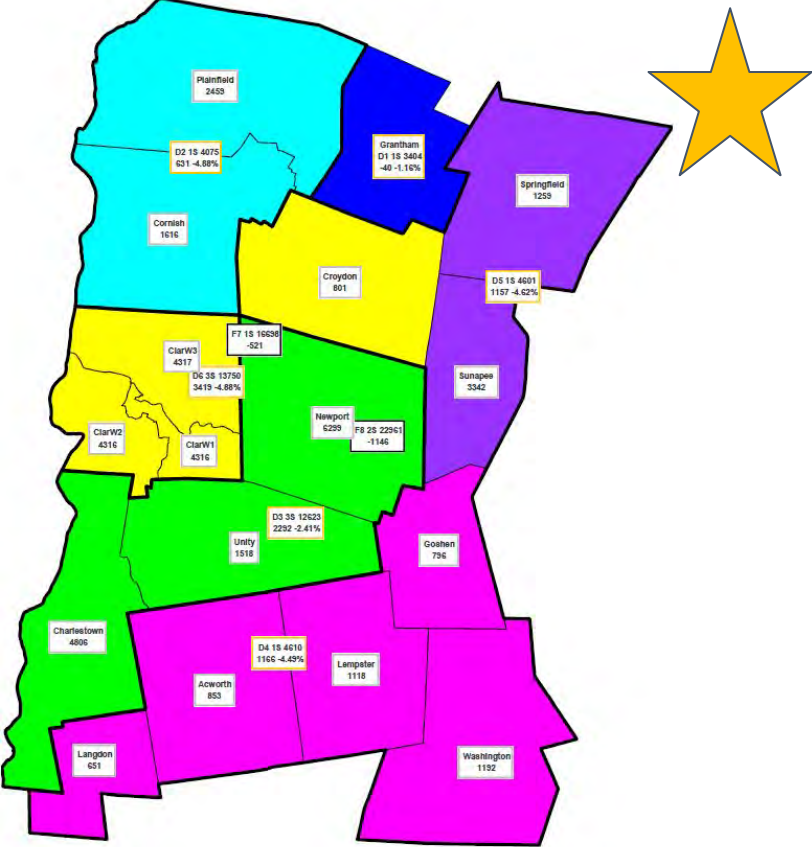
## Sullivan County

Map-a-Thon is recommending the same map as the Committee. Sullivan County is very difficult to map with the current population numbers and although this map has issues, it is the best map available with +/- 5% deviation.

While we concur with the committee on this map, its construction raises best practice concerns. The Claremont & Croydon district (yellow) is *technically*, although not *practically*, contiguous.

Even more questionable is the floterial district encompassing Grantham & Plainfield (light blue) and the towns of Charlestown, Unity and Newport (green), crisscrossing between Claremont and Croydon.

Widening of the allowed deviation would likely prevent the need for these radical solutions.



| Sullivan County  | Map-a-Thon Recommendation / HB50 Map |
|--|--------------------------------------|
| Deviation  | -4.88% to -1.16% (3.73%)             |
| # Violations   | 3                                    |
| # Towns/Wards in Largest Non-Float District            | 5                                    |
| Largest # Reps in a Non-Floterial District             | 3                                    |
| # Towns/Wards in Largest Floterial District            | 11                                   |
| Largest # Reps in a Floterial District                 | 2                                    |
| Partisan Lean of Seats (Lean Dem/Lean Rep/Competitive) | 2/6/5                                |



# Predicted Partisan Lean for Proposed NH House Maps

Comparison of **predicted** two-party vote share by county and seats, *using the average of the 2020 NH Executive Council and NH Senate elections' two-party vote share*, which totaled **49.3% Democrat** and **50.7% Republican** for the state.

The averaged two-party vote share is calculated for each district based on its constituent town(s)/ward(s). All seats in the district are assigned '**Lean Dem**', '**Lean Rep**', or 'Competitive' depending on whether the predicted Democrat vote share is >55%, the predicted Republican vote share is >55%, or neither party is predicted >55% vote share.

**Map-a-Thon Proposed Maps**

| County       | Total Number of Seats | Averaged 2020 EC & NH Senate Elections |                  | Partisan Lean Proposed NH House Seats |                    |                    |                    |                       |                       |
|--------------|-----------------------|--|------------------|---------------------------------------|--------------------|--------------------|--------------------|-----------------------|-----------------------|
|              |                       | Dem (% of votes)                       | Rep (% of votes) | Lean Dem (# seats)                    | Lean Dem (% seats) | Lean Rep (# seats) | Lean Rep (% seats) | Competitive (# seats) | Competitive (% seats) |
| Belknap      | 18                    | 39.6%                                  | 60.4%            | 0                                     | 0.0%               | 14                 | 77.8%              | 4                     | 22.2%                 |
| Carroll      | 15                    | 39.6%                                  | 60.4%            | 0                                     | 0.0%               | 10                 | 66.7%              | 5                     | 33.3%                 |
| Cheshire     | 22                    | 56.2%                                  | 43.8%            | 11                                    | 50.0%              | 1                  | 4.5%               | 10                    | 45.5%                 |
| Coos         | 9                     | 41.5%                                  | 58.5%            | 0                                     | 0.0%               | 5                  | 55.6%              | 4                     | 44.4%                 |
| Grafton      | 26                    | 57.7%                                  | 42.3%            | 12                                    | 46.2%              | 5                  | 19.2%              | 9                     | 34.6%                 |
| Hillsborough | 123                   | 49.7%                                  | 50.3%            | 34                                    | 27.6%              | 28                 | 22.8%              | 61                    | 49.6%                 |
| Merrimack    | 45                    | 50.4%                                  | 49.6%            | 13                                    | 28.9%              | 17                 | 37.8%              | 15                    | 33.3%                 |
| Rockingham   | 91                    | 46.5%                                  | 53.5%            | 20                                    | 22.0%              | 63                 | 69.2%              | 8                     | 8.8%                  |
| Strafford    | 38                    | 53.8%                                  | 46.2%            | 20                                    | 52.6%              | 7                  | 18.4%              | 11                    | 28.9%                 |
| Sullivan     | 13                    | 47.2%                                  | 52.8%            | 2                                     | 15.4%              | 6                  | 46.2%              | 5                     | 38.5%                 |
| <b>Total</b> | <b>400</b>            |  |                  | <b>112</b>                            | <b>28.0%</b>       | <b>156</b>         | <b>39.0%</b>       | <b>132</b>            | <b>33.0%</b>          |

That's 25% more competitive seats than the Committee's maps!

**House Committee Maps (HB50) with Senate Amendment**

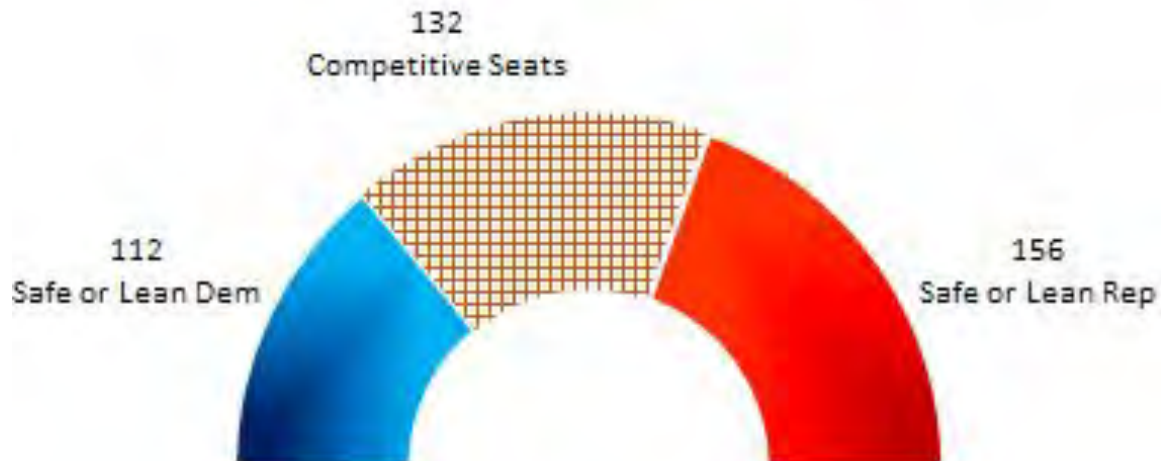
| County       | Total Number of Seats | Averaged 2020 EC & NH Senate Elections |                  | Partisan Lean Proposed NH House Seats |                    |                    |                    |                       |                       |
|--------------|-----------------------|--|------------------|---------------------------------------|--------------------|--------------------|--------------------|-----------------------|-----------------------|
|              |                       | Dem (% of votes)                       | Rep (% of votes) | Lean Dem (# seats)                    | Lean Dem (% seats) | Lean Rep (# seats) | Lean Rep (% seats) | Competitive (# seats) | Competitive (% seats) |
| Belknap      | 18                    | 39.3%                                  | 60.7%            | 0                                     | 0.0%               | 18                 | 100.0%             | 0                     | 0.0%                  |
| Carroll      | 15                    | 39.5%                                  | 60.5%            | 0                                     | 0.0%               | 10                 | 66.7%              | 5                     | 33.3%                 |
| Cheshire     | 22                    | 56.2%                                  | 43.8%            | 12                                    | 54.5%              | 3                  | 13.6%              | 7                     | 31.8%                 |
| Coos         | 9                     | 43.0%                                  | 57.0%            | 0                                     | 0.0%               | 5                  | 55.6%              | 4                     | 44.4%                 |
| Grafton      | 26                    | 57.9%                                  | 42.1%            | 13                                    | 50.0%              | 7                  | 26.9%              | 6                     | 23.1%                 |
| Hillsborough | 123                   | 49.6%                                  | 50.4%            | 38                                    | 30.9%              | 32                 | 26.0%              | 53                    | 43.1%                 |
| Merrimack    | 45                    | 50.2%                                  | 49.8%            | 17                                    | 37.8%              | 20                 | 44.4%              | 8                     | 17.8%                 |
| Rockingham   | 91                    | 47.9%                                  | 52.1%            | 20                                    | 22.0%              | 63                 | 69.2%              | 8                     | 8.8%                  |
| Strafford    | 38                    | 55.5%                                  | 44.5%            | 20                                    | 52.6%              | 8                  | 21.1%              | 10                    | 26.3%                 |
| Sullivan     | 13                    | 46.3%                                  | 53.7%            | 2                                     | 15.4%              | 6                  | 46.2%              | 5                     | 38.5%                 |
| <b>Total</b> | <b>400</b>            |  |                  | <b>122</b>                            | <b>30.5%</b>       | <b>172</b>         | <b>43.0%</b>       | <b>106</b>            | <b>26.5%</b>          |

Committee's maps yield a **lower number of predicted competitive seats** than the Map-a-Thon proposed maps

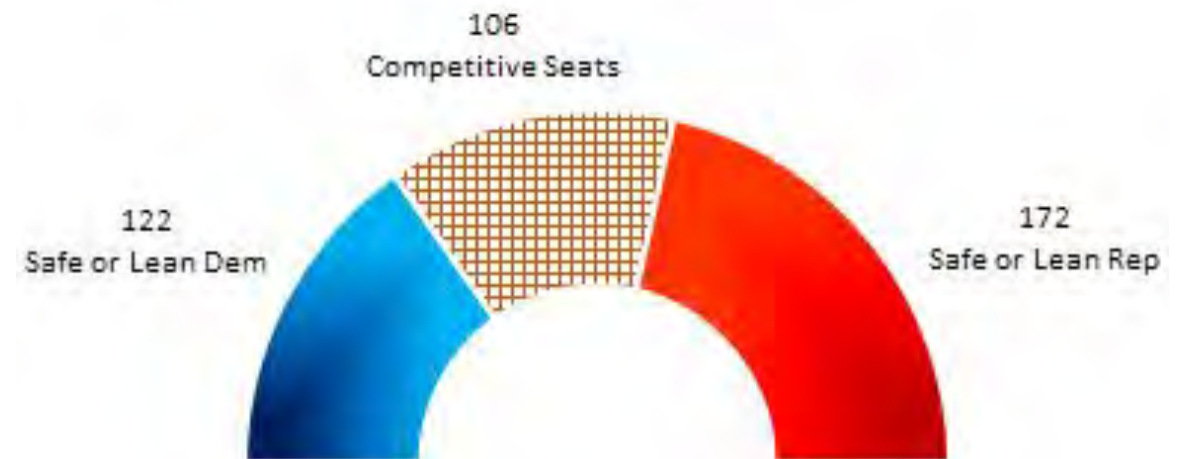
We estimate that **106** of the 400 NH House seats are competitive in the committee proposal, while **132** are competitive in Map-a-Thon's recommendation.

Generally, more competitiveness is better, as it leads to more accountability between representatives and their constituents via competitive general elections. While the nature of local population patterns can lead to districts with an innate partisan lean, the Committee proposal renders more seats uncompetitive compared to the Map-a-Thon proposal, while also having more cases where constitutionally-eligible towns and wards have been denied dedicated representation.

## House Seat Competitiveness - Map-a-Thon



## House Seat Competitiveness - HB50 with Senate amendment



## Number of Violations Summary, HB 50, with Amendment 2022-0339s

| County                          | # of Violations             |           |
|---------------------------------|-----------------------------|-----------|
|                                 | Map-a-Thon Recommended Maps | HB50 Maps |
| Belknap                         | 6                           | 6         |
| Carroll                         | 3                           | 3         |
| Cheshire                        | 3                           | 5         |
| Coos                            | 0                           | 0         |
| Grafton                         | 3                           | 5         |
| Hillsborough                    | 4                           | 6         |
| Merrimack                       | 5                           | 7         |
| Rockingham                      | 10                          | 14        |
| Strafford                       | 3                           | 7         |
| Sullivan                        | 3                           | 3         |
| Total                           | 40                          | 56        |
| 16 more violations in HB50 Maps |                             |           |

That's 40% more violations than necessary!

**Violation** A town that has a population over 3,444 and is eligible for its own district that does not have its own district in the corresponding map. We count one violation per town/city and not by individual wards.



## General NH House Map Takeaways

- Defining NH House district boundaries is a complex process due to Constitutional and court rules, as well as the legislature's self-imposed constraints.
- The NH State Constitution requires that "When the population of any town or ward, according to the last federal census, is within a reasonable deviation from the ideal population for one or more representative seats, the town or ward shall have its own district of one or more representative seats." However, this requirement can conflict with another constitutional requirement to distribute representation equally across the population.
- Constraints aside, the House & Senate committees chose not to maximize the number of eligible towns receiving dedicated House seats. Often choosing partisan advantage over the NH Constitution's guarantee, 56 towns were denied dedicated seats, vs. M-A-T demonstrated 40.
- The *accepted* deviation of -5% to +5% of the 3,444 "ideal population" per NH House seat could be widened with permission, allowing more eligible towns to receive dedicated districts as intended by the NH Constitution.
- It is the responsibility of the legislature to define districts based on principles of equality rather than partisan advantage. **Several aspects of the current proposed districts appear to be designed for partisan advantage.**



## Summary of NH House District Findings by County

**Belknap:** Did not change with the amendment. Several towns are large enough for dedicated House districts, but didn't get them. The committee maps one ward with Laconia which is \*barely\* contiguous with Guilford - certainly not best practice. The Map-a-Thon's map offer four more competitive districts than the proposed maps.

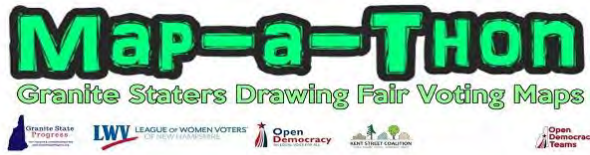
**Carroll:** Did not change with the amendment; Both maps are similar, with Conway and Ossipee getting their own districts, and the district from Sandwich to Chatham being the same. The main difference is that the Committee's map creates a very large floterial district spanning from Moultonborough to Brookfield totalling 8 towns. Map-a-Thon's proposal has a smaller floterial and gives Freedom and Effingham a small district together.

**Cheshire:** Did not change with the amendment. The Committee's map is an improvement on the majority's initial proposal, but does not go as far as Map-a-Thon's recommended map in terms of towns getting their own district if eligible. The committee's map does give Rindge and Winchester their own district, a positive.

**Coos:** The amendment restored Berlin's dedicated House seat, and attached Kilkenny to another distinct. Both maps are similar, except the Map-a-Thon's recommended map give Carroll and Whitefield a single district while putting towns with more in common with Berlin in a floterial with Berlin.

**Grafton:** Did not change with the amendment The northern section of the Committee's map is reasonable with small compact districts. The southern section is where the committee's map has issues. It does not give Hanover or Canaan their own districts and creates a very large 10-town floterial district. The committee's map does have a lower deviation, but the Map-a-Thon map is a superior plan

**Hillsborough-** The amendment gives Manchester one additional representative to increase it from 32 to 33. However, Manchester's deviation would allow for as many as 36. Because Manchester updated its wards, the Senate had to realigned some of the rest of the county. Manchester is now aligned to give Republicans a better chance to win 6 seats rather than 4. Weare is now given its own district, which is an improvement, and the Senate amendment does have a lower deviation and smaller floterials.



## Summary of NH House District Findings by County

**Merrimack** - One minor change in amendment, swapping Ward 4 to ME-29, Ward 8 to ME-30 in Concord. The committee's map has 2 more violations than the Map-a-Thon recommendation. Hooksett and Bow get their own districts under the Map-a-Thon recommendation. The committee's map does have smaller more compact districts in the northwestern part of the county. But, the committee's map combines the Democrat-leaning town of Dunbarton with the Republican-leaning town of Hooksett, thus diluting the Democrat vote in Dunbarton and giving the Republicans an additional Republican leaning seat

**Rockingham** - Did not change with the amendment. The committee's map has 4 more violations than the Map-a-Thon's recommendation. The eastern part of the map is the same in both but the western section is very different. Chester, Fremont, Hampstead, and Plaistow all get their own districts under the Map-a-Thon recommendation. Deerfield also is put with Northwood and Nottingham, which aligns with testimony from residents of Deerfield at the public hearing.

**Strafford** - Did not change with the amendment. The committee's map breaks up both Dover and Rochester while also not giving Milton, Barrington, and Lee their own districts; although it does give Durham its own district. It's likely the district was constructed to help the incumbent win reelection in Barrington. Barrington is a swing town, and thus by combining it with the more Republican Strafford, it trades a fairer map for other towns with giving the Republican rep there a better chance of winning. The committee map has a slightly lower deviation.

**Sullivan** - Did not change with the amendment. Map-a-Thon is recommending the same map as the Committee. Sullivan County is very difficult to map with the current population numbers and although this map has issues, it is the best map available with +/- 5% deviation. While we reluctantly concur with the committee on this map, its construction raises best practice concerns. The Claremont & Croydon district is *technically*, although not *practically*, contiguous. Even more questionable is the floterial district encompassing Grantham & Plainfield (light blue) and the towns of Charlestown, Unity and Newport (green), crisscrossing between Claremont and Croydon.





# Map-a-Thon Proposed Maps

Links to all maps in Dave’s Redistricting (DRA) nationally-recognized, freely accessible mapping platform

| County       | Non-floterial Map   | Floterial Map   |
|--------------|---|---|
| Belknap      | <a href="https://davesredistricting.org/join/c55b8d28-9002-435f-8ea9-40ceaf18c04b">https://davesredistricting.org/join/c55b8d28-9002-435f-8ea9-40ceaf18c04b</a> | <a href="https://davesredistricting.org/join/c87b727e-dbdb-44e7-8f58-c08822c1d1b2">https://davesredistricting.org/join/c87b727e-dbdb-44e7-8f58-c08822c1d1b2</a> |
| Carroll      | <a href="https://davesredistricting.org/join/15f6618d-f8c7-41d9-85a6-56cf08d482d2">https://davesredistricting.org/join/15f6618d-f8c7-41d9-85a6-56cf08d482d2</a> | <a href="https://davesredistricting.org/join/d1dc49d7-7f4e-4be5-adfa-d765c730ee64">https://davesredistricting.org/join/d1dc49d7-7f4e-4be5-adfa-d765c730ee64</a> |
| Cheshire     | <a href="https://davesredistricting.org/join/e66e58d6-3ab2-4e19-82ef-1a4dd9eea72a">https://davesredistricting.org/join/e66e58d6-3ab2-4e19-82ef-1a4dd9eea72a</a> | <a href="https://davesredistricting.org/join/eb960d67-e81a-46f8-a031-e9e809beb71c">https://davesredistricting.org/join/eb960d67-e81a-46f8-a031-e9e809beb71c</a> |
| Coos         | <a href="https://davesredistricting.org/join/9bdc010c-9211-4da8-8c31-a4f47695f528">https://davesredistricting.org/join/9bdc010c-9211-4da8-8c31-a4f47695f528</a> | <a href="https://davesredistricting.org/join/9667b894-021a-46bd-bebf-2e34ffd0404a">https://davesredistricting.org/join/9667b894-021a-46bd-bebf-2e34ffd0404a</a> |
| Grafton      | <a href="https://davesredistricting.org/join/fc01e1ed-4bcd-4664-8eff-02c39045a57c">https://davesredistricting.org/join/fc01e1ed-4bcd-4664-8eff-02c39045a57c</a> | <a href="https://davesredistricting.org/join/cb2db4a0-5dd1-45c5-93c5-25849acbd4b">https://davesredistricting.org/join/cb2db4a0-5dd1-45c5-93c5-25849acbd4b</a>   |
| Hillsborough | <a href="https://davesredistricting.org/join/ce84e3be-8bd5-45e9-b5c2-f0471c09af58">https://davesredistricting.org/join/ce84e3be-8bd5-45e9-b5c2-f0471c09af58</a> | <a href="https://davesredistricting.org/join/67d8aa40-07f1-4e09-b316-1dd11b9e9e90">https://davesredistricting.org/join/67d8aa40-07f1-4e09-b316-1dd11b9e9e90</a> |
| Merrimack    | <a href="https://davesredistricting.org/join/da1f3af3-05dc-446d-bdf4-0faf0d333be7">https://davesredistricting.org/join/da1f3af3-05dc-446d-bdf4-0faf0d333be7</a> | <a href="https://davesredistricting.org/join/fb79e594-e214-4b84-a06f-3cfb76cb22eb">https://davesredistricting.org/join/fb79e594-e214-4b84-a06f-3cfb76cb22eb</a> |
| Rockingham   | <a href="https://davesredistricting.org/join/91db89cc-872f-449d-bb52-b0bc45476fc9">https://davesredistricting.org/join/91db89cc-872f-449d-bb52-b0bc45476fc9</a> | <a href="https://davesredistricting.org/join/2bec5a67-2c8a-4a2a-a170-242c27e646ba">https://davesredistricting.org/join/2bec5a67-2c8a-4a2a-a170-242c27e646ba</a> |
| Strafford    | <a href="https://davesredistricting.org/join/b39e6f9e-fe24-4ebf-99cc-408cd8a8f02a">https://davesredistricting.org/join/b39e6f9e-fe24-4ebf-99cc-408cd8a8f02a</a> | <a href="https://davesredistricting.org/join/5536f565-ef3e-40f6-8dce-0d540daab858">https://davesredistricting.org/join/5536f565-ef3e-40f6-8dce-0d540daab858</a> |
| Sullivan     | <a href="https://davesredistricting.org/join/52b1aec9-25b6-452c-9cd8-95c7b80f7cad">https://davesredistricting.org/join/52b1aec9-25b6-452c-9cd8-95c7b80f7cad</a> | <a href="https://davesredistricting.org/join/225f0ed9-333f-4f1a-9664-5e497b2b63a1">https://davesredistricting.org/join/225f0ed9-333f-4f1a-9664-5e497b2b63a1</a> |

# NH House HB50 Maps with Senate Amendments (Coos and Hillsborough)

Links to all maps in Dave’s Redistricting (DRA) nationally-recognized, freely accessible mapping platform

| County       | Non-floterial Map   | Floterial Map   |
|--------------|---|---|
| Belknap      | <a href="https://davesredistricting.org/join/ff7318f9-efe7-480f-b993-f73bab93bea6">https://davesredistricting.org/join/ff7318f9-efe7-480f-b993-f73bab93bea6</a> | <a href="https://davesredistricting.org/join/fd72905c-d85f-4c1e-86d8-5bd9ce6b2d62">https://davesredistricting.org/join/fd72905c-d85f-4c1e-86d8-5bd9ce6b2d62</a> |
| Carroll      | <a href="https://davesredistricting.org/join/dac0766e-a0ac-46ef-af23-9ab79a7cf475">https://davesredistricting.org/join/dac0766e-a0ac-46ef-af23-9ab79a7cf475</a> | <a href="https://davesredistricting.org/join/b663b1c9-8ecd-457b-b181-2316804c1105">https://davesredistricting.org/join/b663b1c9-8ecd-457b-b181-2316804c1105</a> |
| Cheshire     | <a href="https://davesredistricting.org/join/f5880396-309a-4f1b-85eb-420e88c0c0af">https://davesredistricting.org/join/f5880396-309a-4f1b-85eb-420e88c0c0af</a> | <a href="https://davesredistricting.org/join/18e07c1e-8b71-4557-bb1e-2f6ee2a6d39a">https://davesredistricting.org/join/18e07c1e-8b71-4557-bb1e-2f6ee2a6d39a</a> |
| Coos         | <a href="https://davesredistricting.org/join/be184cce-4a25-4e88-96b1-a1eda44e0ad7">https://davesredistricting.org/join/be184cce-4a25-4e88-96b1-a1eda44e0ad7</a> | <a href="https://davesredistricting.org/join/9c1e6cf2-f9a0-4393-9f25-7fb8c5991fb9">https://davesredistricting.org/join/9c1e6cf2-f9a0-4393-9f25-7fb8c5991fb9</a> |
| Grafton      | <a href="https://davesredistricting.org/join/a5da803e-0b0b-449f-89b1-53637b19ed24">https://davesredistricting.org/join/a5da803e-0b0b-449f-89b1-53637b19ed24</a> | <a href="https://davesredistricting.org/join/321e94bc-445d-4b5b-a8ed-d836b6c15ea8">https://davesredistricting.org/join/321e94bc-445d-4b5b-a8ed-d836b6c15ea8</a> |
| Hillsborough | <a href="https://davesredistricting.org/join/77791b49-b484-48b5-9aa2-634b0912e037">https://davesredistricting.org/join/77791b49-b484-48b5-9aa2-634b0912e037</a> | <a href="https://davesredistricting.org/join/660640c5-3ff4-4575-9df2-308a660bc6e7">https://davesredistricting.org/join/660640c5-3ff4-4575-9df2-308a660bc6e7</a> |
| Merrimack    | <a href="https://davesredistricting.org/join/a6981844-ae5d-4d9a-a15b-856d992eeb36">https://davesredistricting.org/join/a6981844-ae5d-4d9a-a15b-856d992eeb36</a> | <a href="https://davesredistricting.org/join/24e3442c-bf07-4951-ad10-73d4de2ba24a">https://davesredistricting.org/join/24e3442c-bf07-4951-ad10-73d4de2ba24a</a> |
| Rockingham   | <a href="https://davesredistricting.org/join/1ad29e58-722b-46d5-bbe8-c3a2de8fe5fd">https://davesredistricting.org/join/1ad29e58-722b-46d5-bbe8-c3a2de8fe5fd</a> | <a href="https://davesredistricting.org/join/ad26f10-7d77-431c-90fe-9c740605caed">https://davesredistricting.org/join/ad26f10-7d77-431c-90fe-9c740605caed</a>   |
| Strafford    | <a href="https://davesredistricting.org/join/9a8946d4-50ff-4a86-a7b6-3cb8b26b1bc6">https://davesredistricting.org/join/9a8946d4-50ff-4a86-a7b6-3cb8b26b1bc6</a> | <a href="https://davesredistricting.org/join/7593454e-3fe7-452d-9685-6cc0a61aa868">https://davesredistricting.org/join/7593454e-3fe7-452d-9685-6cc0a61aa868</a> |
| Sullivan     | <a href="https://davesredistricting.org/join/4c64cad4-2fdc-4a2f-8bad-ac54176d9edf">https://davesredistricting.org/join/4c64cad4-2fdc-4a2f-8bad-ac54176d9edf</a> | <a href="https://davesredistricting.org/join/05320cad-66ed-4ff8-a4e5-9aea6a750782">https://davesredistricting.org/join/05320cad-66ed-4ff8-a4e5-9aea6a750782</a> |



## Frequently Asked Questions

- **Why can't a redistricting satisfy all of the legal and other requirements?** It's a balancing act, since the objectives are not fully compatible with each other; for example, creating districts that both respect town and ward lines, and contain an equal number of residents.
- **Why are competitive districts better than ones with a predicted partisan lean?** In a competitive district, candidates must appeal to voters of both (or all) political parties, including independents. In districts with a clear partisan lean, candidates need only appeal to voters of their own party, as determined in the party primary elections.

## Actions You Can Take

- The NH House Election Law & Municipal Affairs Committee has a hearing on Monday, January 31, 1-4 pm at the NH State House. There may be additional amendments to the NH House maps. We are expecting an amendment to the Congressional map shortly, and there may be an additional hearing on the amendment.
- You may write or submit testimony to the committee using [this email link](#).
- We also suggest contacting and/or sending your testimony to your own NH Senator: [http://www.gencourt.state.nh.us/senate/members/senate\\_roster.aspx](http://www.gencourt.state.nh.us/senate/members/senate_roster.aspx)
- Contact your House representatives <http://www.gencourt.state.nh.us/house/members/> who may see these bills a second time if amended by the Senate.



# Map-a-Thon

## Granite Staters Drawing Fair Voting Maps



About the Map-a-Thon:

[https://www.opendemocracynh.org/nh\\_map\\_a\\_thon](https://www.opendemocracynh.org/nh_map_a_thon)

See this Report [on the Web via Google Slides](#)

Download our previously-released analysis reports on NH House, Congressional, NH Senate, and Executive Council maps:

<https://www.opendemocracyaction.org/maps>

## **EXHIBIT G**

# Map-a-Thon Proposed

## NH House Maps

### Index

1. [Summary of Proposed Maps](#)
2. [Map Comparison Summary](#)
3. [Belknap County Map](#)
  - 3.1. [Belknap County Map Districts](#)
4. [Carroll County Map](#)
  - 4.1. [Carroll County Map Districts](#)
5. [Cheshire County Map](#)
  - 5.1. [Cheshire County Map Districts](#)
6. [Coos County Map](#)
  - 6.1. [Coos County Map Districts](#)
7. [Grafton County Map](#)
  - 7.1. [Grafton County Map Districts](#)
8. [Hillsborough County Map](#)
  - 8.1. [Manchester Zoomed in Map](#)
  - 8.2. [Nashua Zoomed in Map](#)
  - 8.3. [Hillsborough County Map Districts](#)
9. [Merrimack County Map](#)
  - 9.1. [Concord Zoomed in Map](#)
  - 9.2. [Merrimack County Map Districts](#)
10. [Rockingham County Map](#)
  - 10.1. [Portsmouth Zoomed in Map](#)
  - 10.2. [Rockingham County Map Districts](#)
11. [Strafford County Map](#)
  - 11.1. [Dover/Rochester Zoomed in Map](#)
  - 11.2. [Strafford County Map Districts](#)
12. [Sullivan County Map](#)
  - 12.1. [Sullivan County Map Districts](#)



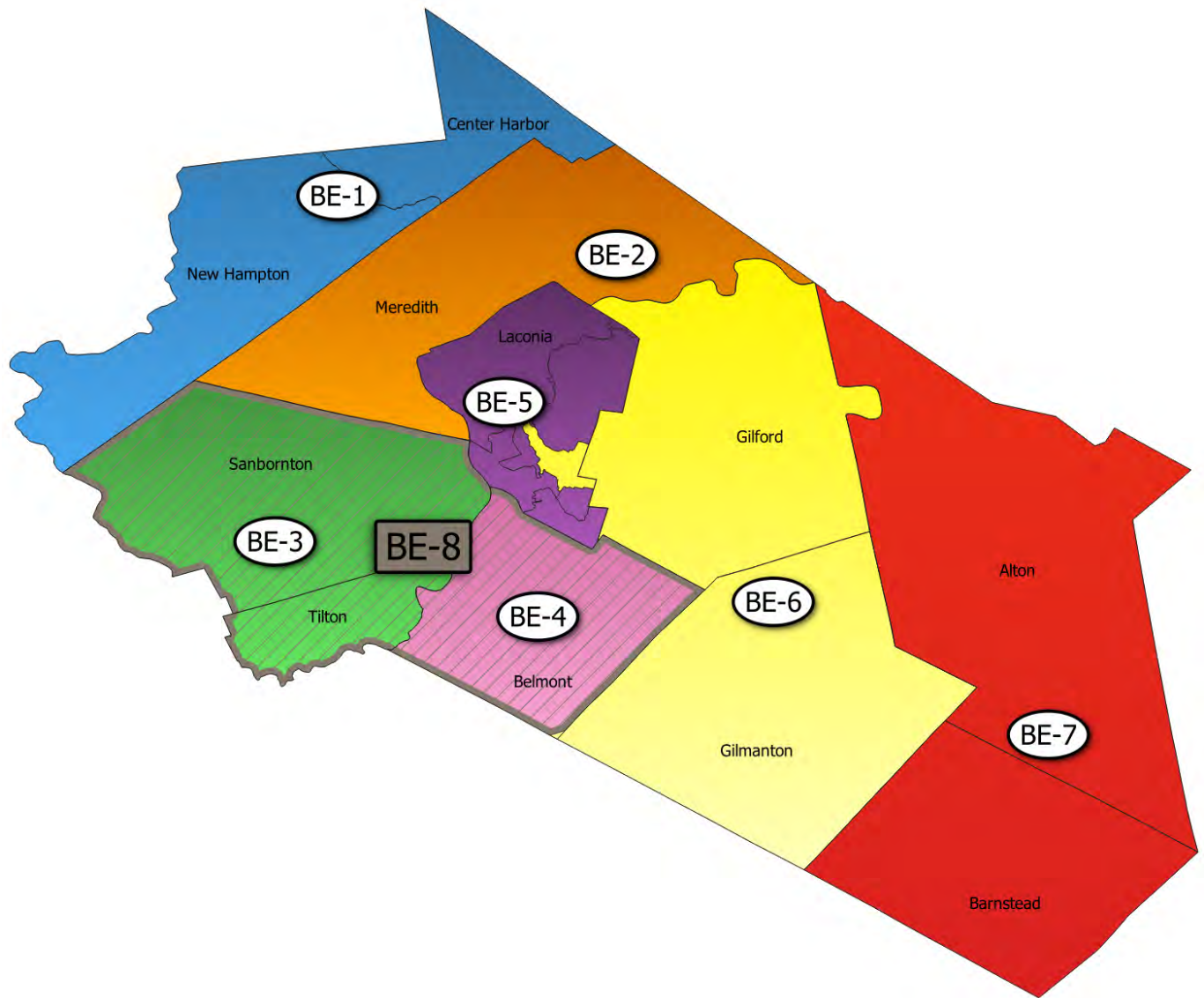
## 1. Summary of Proposed Maps

| Map-a-Thon Proposed Maps Summary |            |        |         |         |           |            |
|----------------------------------|------------|--------|---------|---------|-----------|------------|
| County                           | Population | # Reps | Min Dev | Max Dev | Deviation | Violations |
| Belknap                          | 63,705     | 18     | -3.28%  | 4.99%   | 8.27%     | 5          |
| Carroll                          | 50,107     | 15     | -4.93%  | 1.54%   | 6.48%     | 3          |
| Cheshire                         | 76,458     | 22     | -3.47%  | 4.15%   | 7.62%     | 3          |
| Coos                             | 31,268     | 9      | -3.89%  | 4.80%   | 8.68%     | 0          |
| Grafton                          | 91,118     | 26     | -4.87%  | 4.99%   | 9.86%     | 3          |
| Hillsborough                     | 422,937    | 123    | -4.95%  | 4.54%   | 9.49%     | 4          |
| Merrimack                        | 153,808    | 45     | -3.93%  | 4.64%   | 8.57%     | 5          |
| Rockingham                       | 314,176    | 91     | -4.93%  | 4.86%   | 9.80%     | 11         |
| Strafford                        | 130,889    | 38     | -4.57%  | 4.91%   | 9.48%     | 2          |
| Sullivan                         | 43,063     | 13     | -4.88%  | -1.16%  | 3.73%     | 5          |
| Total                            | 1,377,529  | 400    | -4.95%  | 4.99%   | 9.94%     | 41         |

## 2. Map Comparison Summary

| Enacted Maps vs. Map-a-Thon Proposed Maps Summary |        |                       |                        |                        |                         |
|---|--------|-----------------------|------------------------|------------------------|-------------------------|
| County  | # Reps | Enacted Map Deviation | Proposed Map Deviation | Enacted Map Violations | Proposed Map Violations |
| Belknap   | 18     | 8.27%                 | 8.27%                  | 5                      | 5                       |
| Carroll   | 15     | 6.48%                 | 6.48%                  | 3                      | 3                       |
| Cheshire  | 22     | 9.81%                 | 7.62%                  | 5                      | 3                       |
| Coos  | 9      | 8.74%                 | 8.68%                  | 0                      | 0                       |
| Grafton   | 26     | 8.44%                 | 9.86%                  | 5                      | 3                       |
| Hillsborough                                      | 123    | 9.75%                 | 9.49%                  | 6                      | 4                       |
| Merrimack   | 45     | 9.22%                 | 8.57%                  | 7                      | 5                       |
| Rockingham  | 91     | 9.80%                 | 9.80%                  | 13                     | 11                      |
| Strafford   | 38     | 9.13%                 | 9.48%                  | 6                      | 2                       |
| Sullivan  | 13     | 3.73%                 | 3.73%                  | 5                      | 5                       |
| Total   | 400    | 10.13%                | 9.94%                  | 55                     | 41                      |

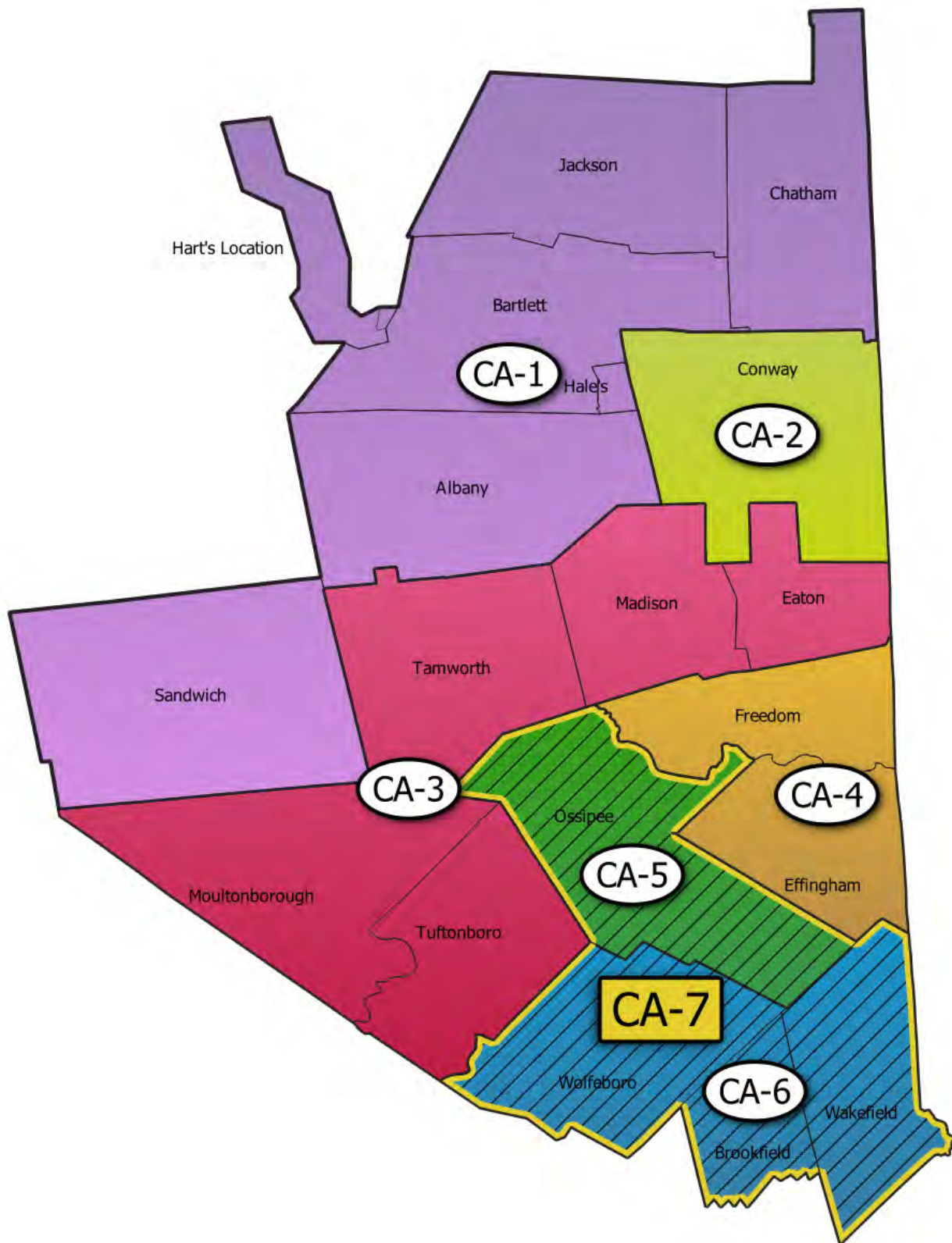
### 3. Belknap County Map



#### 3.1. Belknap County Map Districts

| Belknap County Enacted Map |            |        |            |        |                                    |             |                    |
|----------------------------|------------|--------|------------|--------|------------------------------------|-------------|--------------------|
| District                   | Population | # Reps | F District | F Reps | Towns/Wards                        | % Deviation | Violations         |
| BE-1                       | 3,417      | 1      |            |        | Center Harbor, New Hampton         | -0.78%      |                    |
| BE-2                       | 6,662      | 2      |            |        | Meredith                           | -3.28%      |                    |
| BE-3                       | 6,988      | 1      | BE-8       | 2      | Sanbornton, Tilton                 | 2.63%       | Tilton             |
| BE-4                       | 7,314      | 1      |            |        | Belmont                            | 4.99%       |                    |
| BE-5                       | 14,117     | 4      |            |        | Laconia Wards 1,3-6                | 2.48%       |                    |
| BE-6                       | 14,398     | 4      |            |        | Gilford, Gilmanton, Laconia Ward 2 | 4.52%       | Gilford, Gilmanton |
| BE-7                       | 10,809     | 3      |            |        | Alton, Barnstead                   | 4.62%       | Alton, Barnstead   |
| Total                      | 63,705     |        | 18         |        |                                    | 8.27%       | 5                  |

#### 4. Carroll County Map

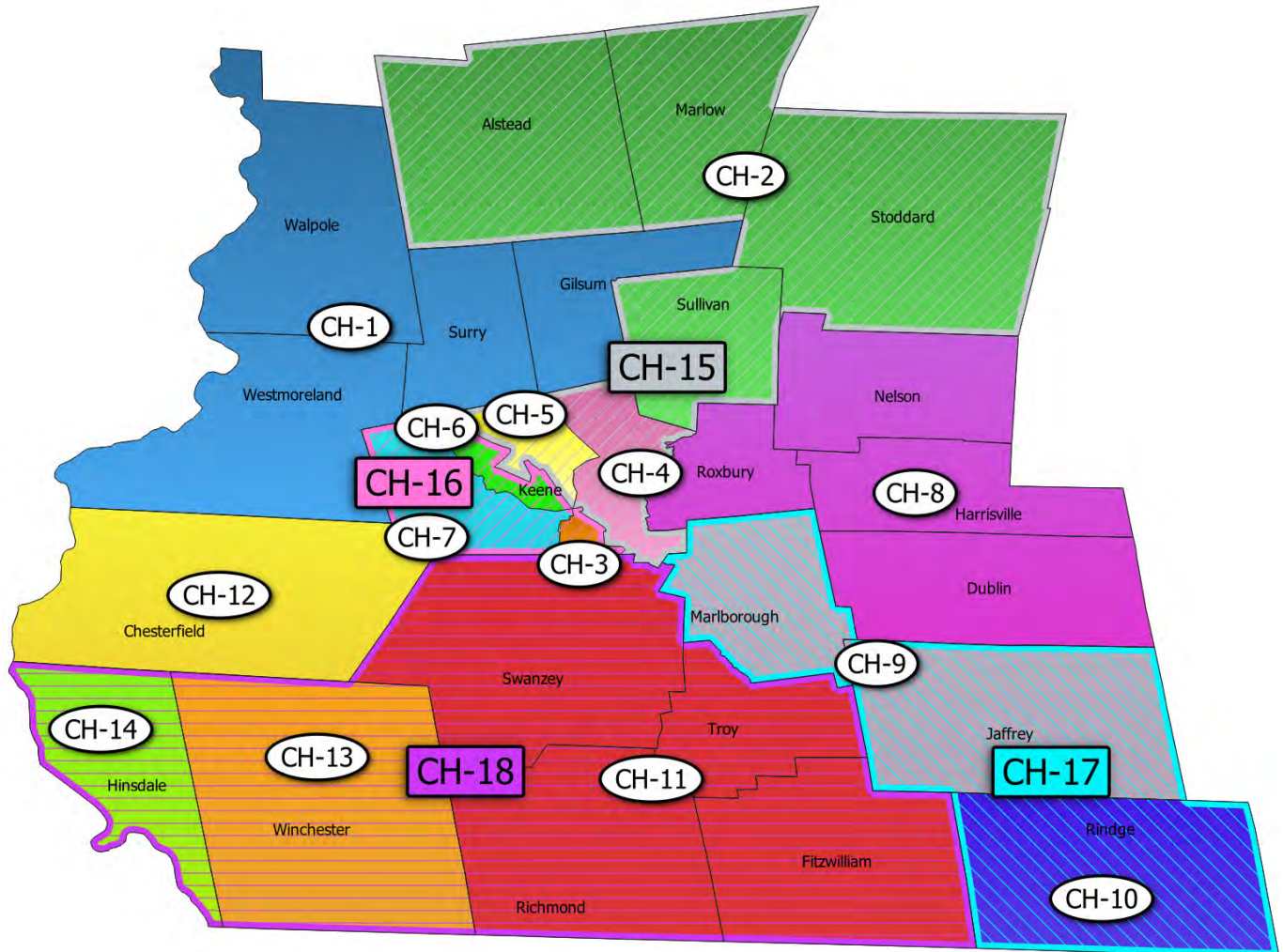




#### 4.1. Carroll County Map Districts

| Carroll County Proposed Map |            |        |            |        |   |             |                      |
|-----------------------------|------------|--------|------------|--------|---|-------------|----------------------|
| District                    | Population | # Reps | F District | F Reps | Towns/Wards   | % Deviation | Violations           |
| CA-1                        | 6,994      | 2      |            |        | Chatham, Jackson, Bartlett, Hart's Location, Hales Location, Albany, Sandwich | 1.54%       |                      |
| CA-2                        | 9,822      | 3      |            |        | Conway  | -4.93%      |                      |
| CA-3                        | 13,167     | 4      |            |        | Tuftonboro, Moultonborough, Tamworth, Madison, Eaton                          | -4.42%      | Moultonborough       |
| CA-4                        | 3,380      | 1      |            |        | Freedom, Effingham  | -1.85%      |                      |
| CA-5                        | 4,372      | 1      | CA-7       | 1      | Ossipee   | 0.67%       |                      |
| CA-6                        | 12,372     | 3      |            |        | Wolfeboro, Brookfield, Wakefield  | -3.91%      | Wolfeboro, Wakefield |
| Total                       | 50,107     |        | 15         |        |   | 6.48%       | 3                    |

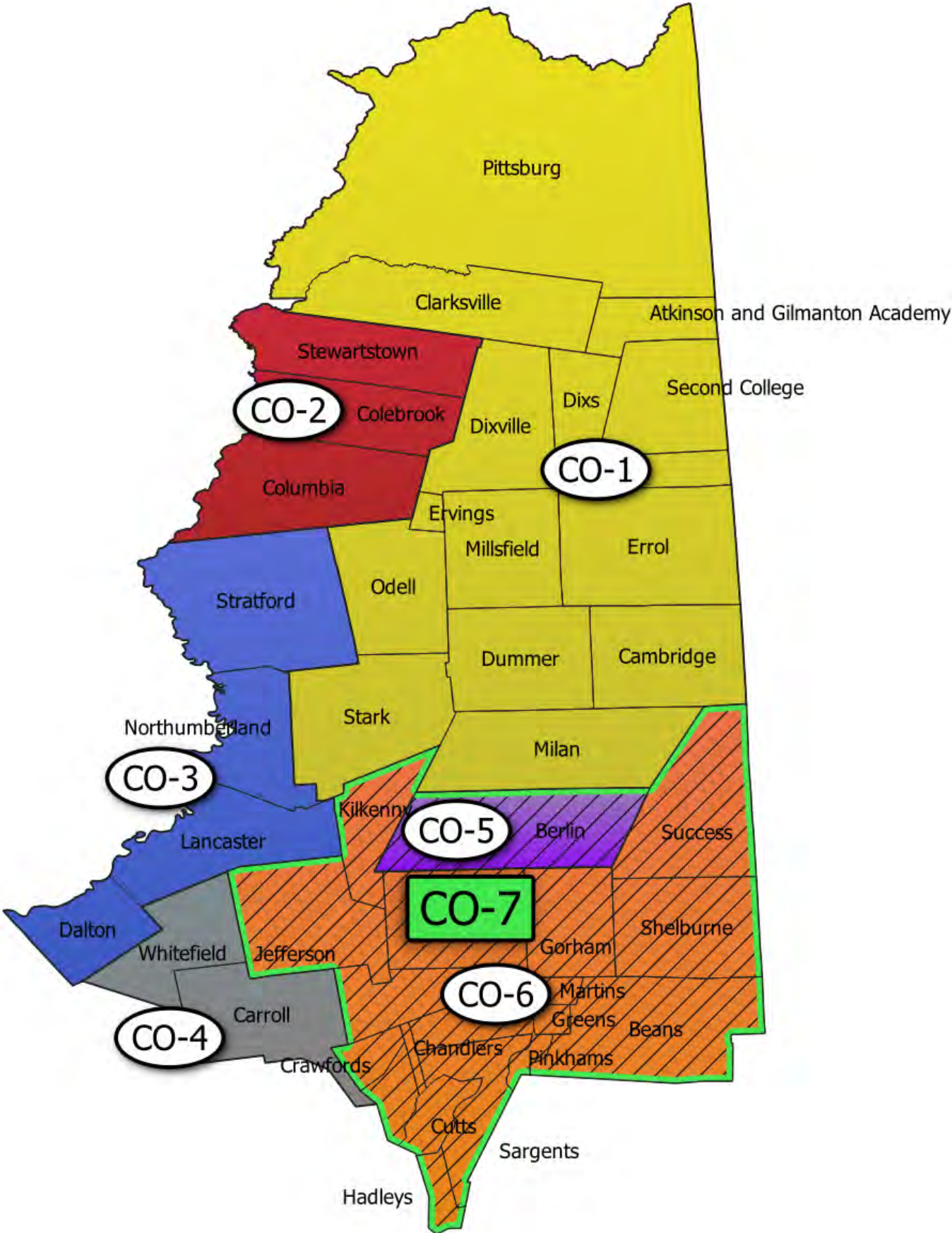
#### 5. Cheshire County Map



## 5.1. Cheshire County Map Districts

| Cheshire County Proposed Map |            |        |            |        |                                      |             |            |
|------------------------------|------------|--------|------------|--------|--------------------------------------|-------------|------------|
| District                     | Population | # Reps | F District | F Reps | Towns/Wards                          | % Deviation | Violations |
| CH-1                         | 6,911      | 2      | CH-15      | 1      | Gilsum, Surry, Walpole, Westmoreland | 0.34%       | Walpole    |
| CH-2                         | 4,645      | 1      |            |        | Alstead, Marlow, Stoddard, Sullivan  | 0.83%       |            |
| CH-4                         | 4,558      | 1      |            |        | Keene Ward 2                         | -0.59%      |            |
| CH-5                         | 4,550      | 1      |            |        | Keene Ward 3                         | -0.72%      |            |
| CH-3                         | 4,643      | 1      | CH-16      | 1      | Keene Ward 1                         | 1.13%       |            |
| CH-6                         | 4,620      | 1      |            |        | Keene Ward 4                         | 0.76%       |            |
| CH-7                         | 4,676      | 1      |            |        | Keene Ward 5                         | 1.67%       |            |
| CH-8                         | 3,365      | 1      | CH-17      | 2      | Dublin, Harrisville, Nelson, Roxbury | -2.29%      |            |
| CH-9                         | 7,416      | 1      |            |        | Jaffrey, Marlborough                 | 4.15%       | Jaffrey    |
| CH-10                        | 6,476      | 1      |            |        | Rindge                               | -2.68%      |            |
| CH-11                        | 12,948     | 3      | CH-18      | 1      | Fitzwilliam, Richmond, Swanzey, Troy | 4.00%       | Swanzey    |
| CH-13                        | 4,150      | 1      |            |        | Winchester                           | 0.66%       |            |
| CH-14                        | 3,948      | 1      |            |        | Hinsdale                             | -3.47%      |            |
| CH-12                        | 3,552      | 1      |            |        | Chesterfield                         | 3.14%       |            |
| Total                        | 76,458     |        | 22         |        |                                      | 7.62%       | 3          |

6. Coos County Map

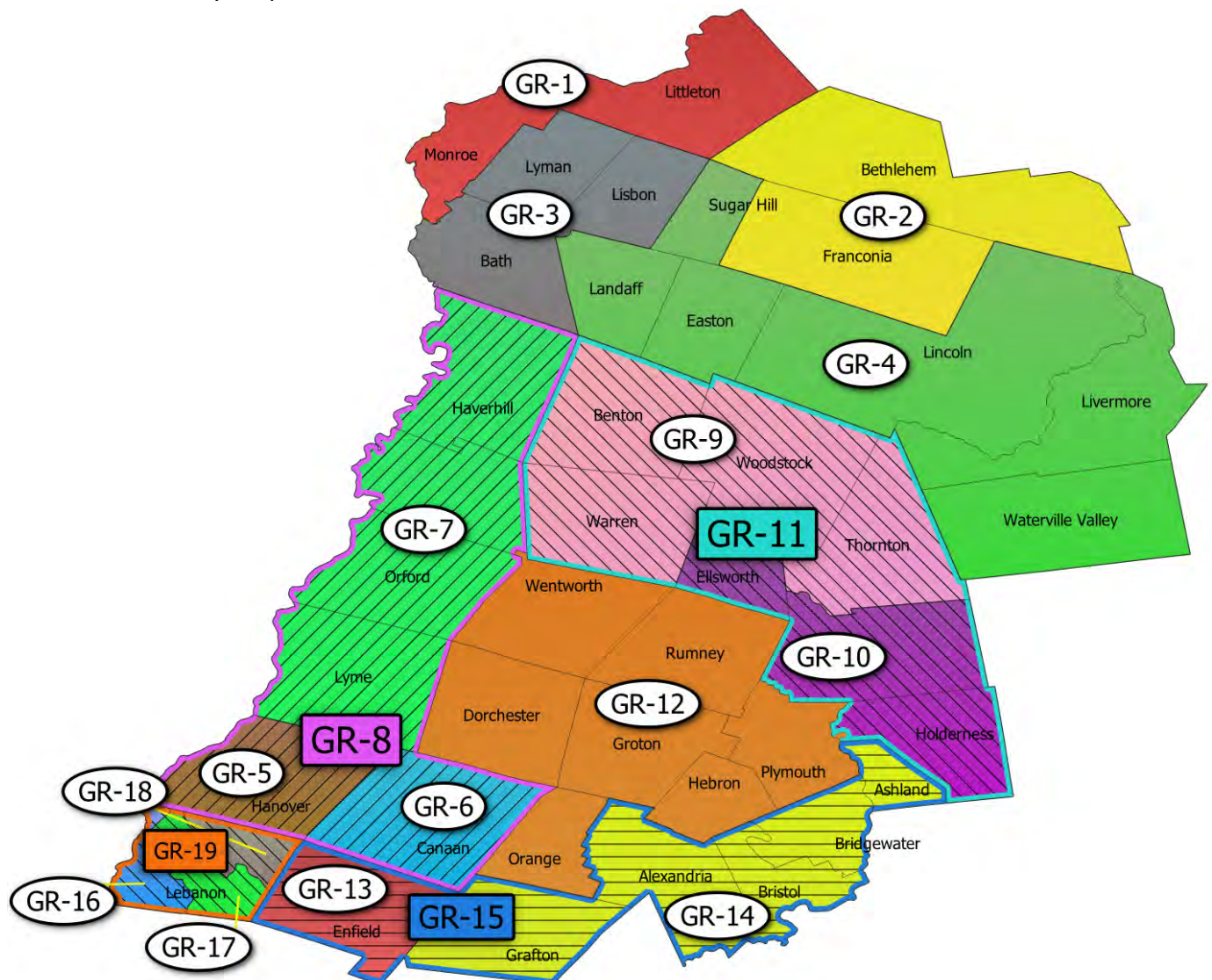




## 6.1. Coos County Map Districts

| Coos County Proposed Map |            |        |            |        |  |             |            |  |
|--------------------------|------------|--------|------------|--------|--|-------------|------------|--|
| District                 | Population | # Reps | F District | F Reps | Towns/Wards  | % Deviation | Violations |  |
| CO-1                     | 3,609      | 1      |            |        | Pittsburg, Clarksville, Dixville, Odell, Stark, Milan, Dummer, Cambridge, Millsfield, Errol, Wentworth Location, College Grant, Dixs Grant, Atkinson and Gilmanton Grant, Ervings Location   | 4.80%       |            |  |
| CO-2                     | 3,556      | 1      |            |        | Stewartstown, Colebrook, Columbia  | 3.26%       |            |  |
| CO-3                     | 6,939      | 2      |            |        | Stratford, Northumberland, Lancaster, Dalton   | 0.75%       |            |  |
| CO-4                     | 3,310      | 1      |            |        | Whitefield, Carroll  | -3.89%      |            |  |
| CO-5                     | 9,425      | 2      |            |        | Berlin   | 2.11%       |            |  |
| CO-6                     | 4,429      | 1      | CO-7       | 1      | Jefferson, Randolph, Gorham, Shelburne, Success, Kilkenney, Burbanks Grant, Crawfords Purchase, Beans Grant, Cutts Grant, Hadleys Purchase, Sargents Purchase, Thompson and Merserves Purchase, Martins Location, Greens Grant, Pinkhams Grant, Beans Purchase | -2.55%      |            |  |
| Total                    | 31,268     |        | 9          |        |  | 8.68%       | 0          |  |

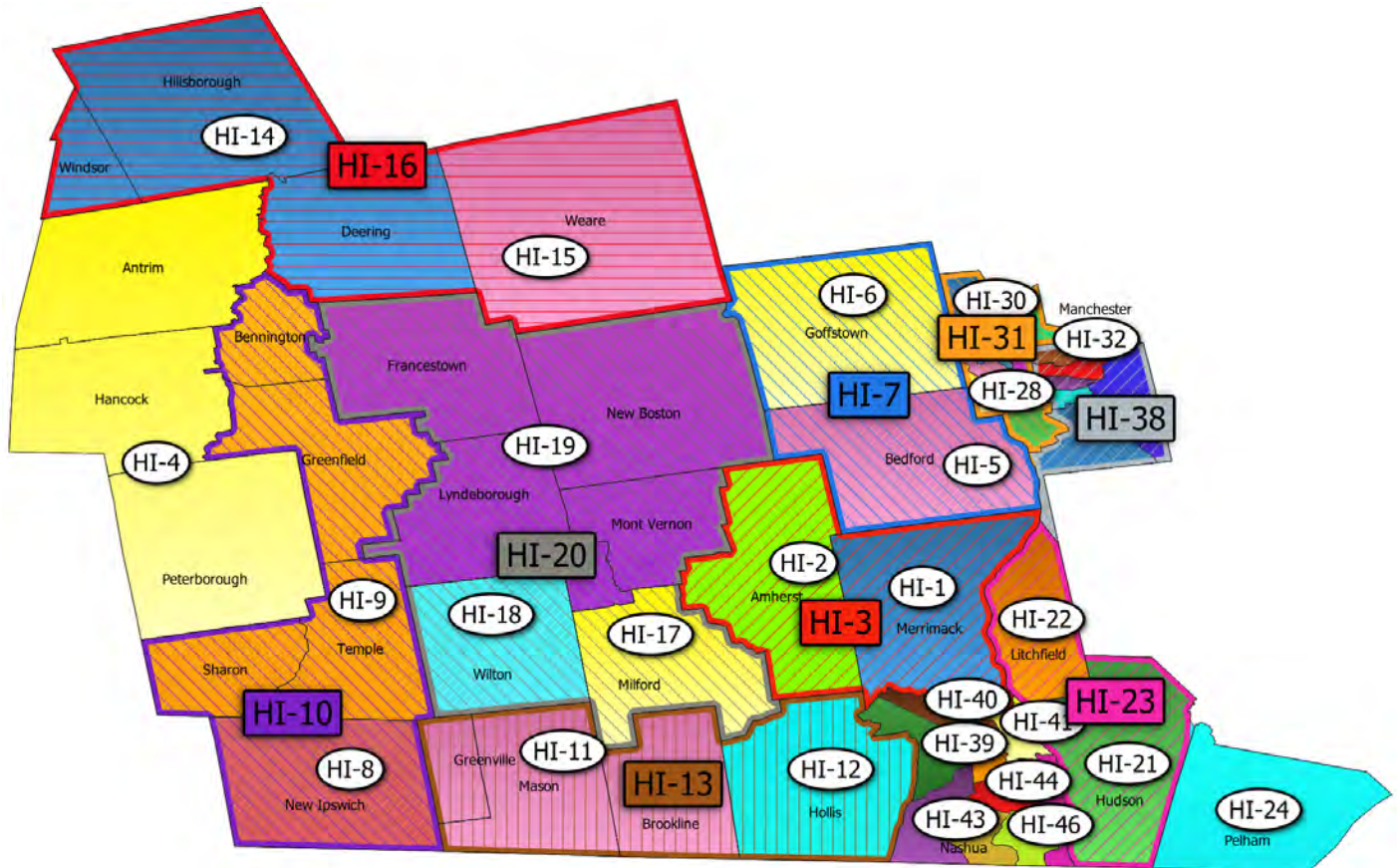
## 7. Grafton County Map



## 7.1. Grafton County Map Districts

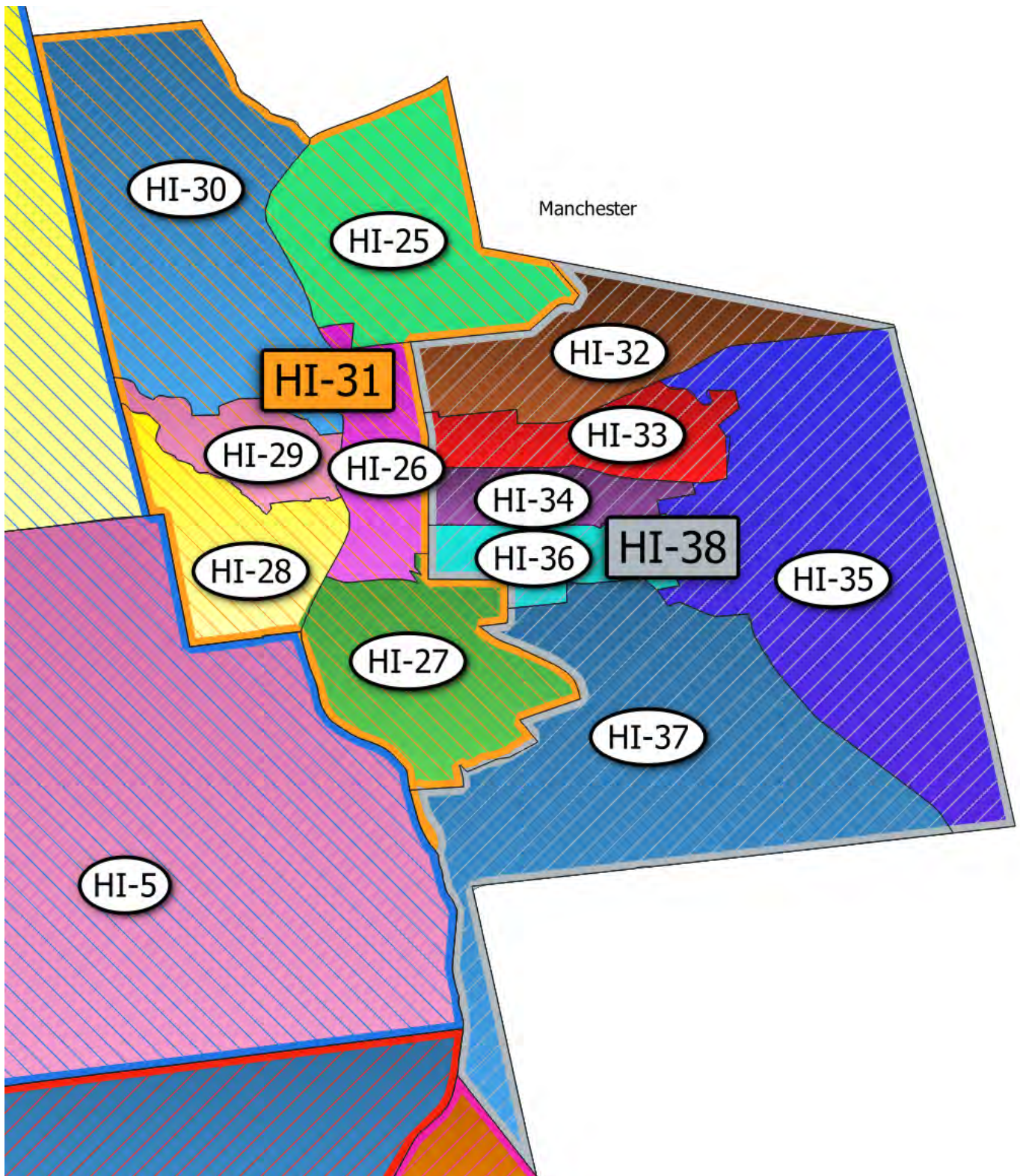
| Grafton County Proposed Map |            |        |            |        |  |             |            |
|-----------------------------|------------|--------|------------|--------|--|-------------|------------|
| District                    | Population | # Reps | F District | F Reps | Towns/Wards  | % Deviation | Violations |
| GR-1                        | 6,869      | 2      |            |        | Littleton, Monroe  | -0.27%      | Littleton  |
| GR-2                        | 3,567      | 1      |            |        | Bethlehem, Franconia   | 3.58%       |            |
| GR-3                        | 3,283      | 1      |            |        | Lyman, Lisbon, Bath  | -4.67%      |            |
| GR-4                        | 3,526      | 1      |            |        | Sugar Hill, Landaff, Easton, Lincoln, Livermore, Waterville Valley | 2.39%       |            |
| GR-5                        | 11,870     | 3      |            |        | Hanover  | -1.37%      |            |
| GR-6                        | 3,794      | 1      | GR-8       | 1      | Canaan   | -4.87%      |            |
| GR-7                        | 8,336      | 2      |            |        | Haverhill, Piermont, Orford, Lyme                                  | 3.12%       | Haverhill  |
| GR-9                        | 5,341      | 1      |            |        | Benton, Warren, Woodstock, Thornton                                | 3.71%       |            |
| GR-10                       | 5,440      | 1      | GR-11      | 1      | Ellsworth, Campton, Holderness                                     | 4.99%       |            |
| GR-12                       | 10,842     | 3      |            |        | Wentworth, Rumney, Dorchester, Groton, Plymouth, Hebron, Orange    | 4.94%       | Plymouth   |
| GR-13                       | 4,465      | 1      |            |        | Enfield  | -1.75%      |            |
| GR-14                       | 9,503      | 2      | GR-15      | 1      | Grafton, Alexandria, Bristol, Bridgewater, Ashland                 | 2.95%       |            |
| GR-16                       | 4,762      | 1      |            |        | Lebanon Ward 1   | 3.70%       |            |
| GR-17                       | 4,734      | 1      | GR-19      | 1      | Lebanon Ward 2   | 3.24%       |            |
| GR-18                       | 4,786      | 1      |            |        | Lebanon Ward 3   | 4.09%       |            |
| Total                       | 91,118     |        | 26         |        |  | 9.86%       | 3          |

## 8. Hillsborough County Map



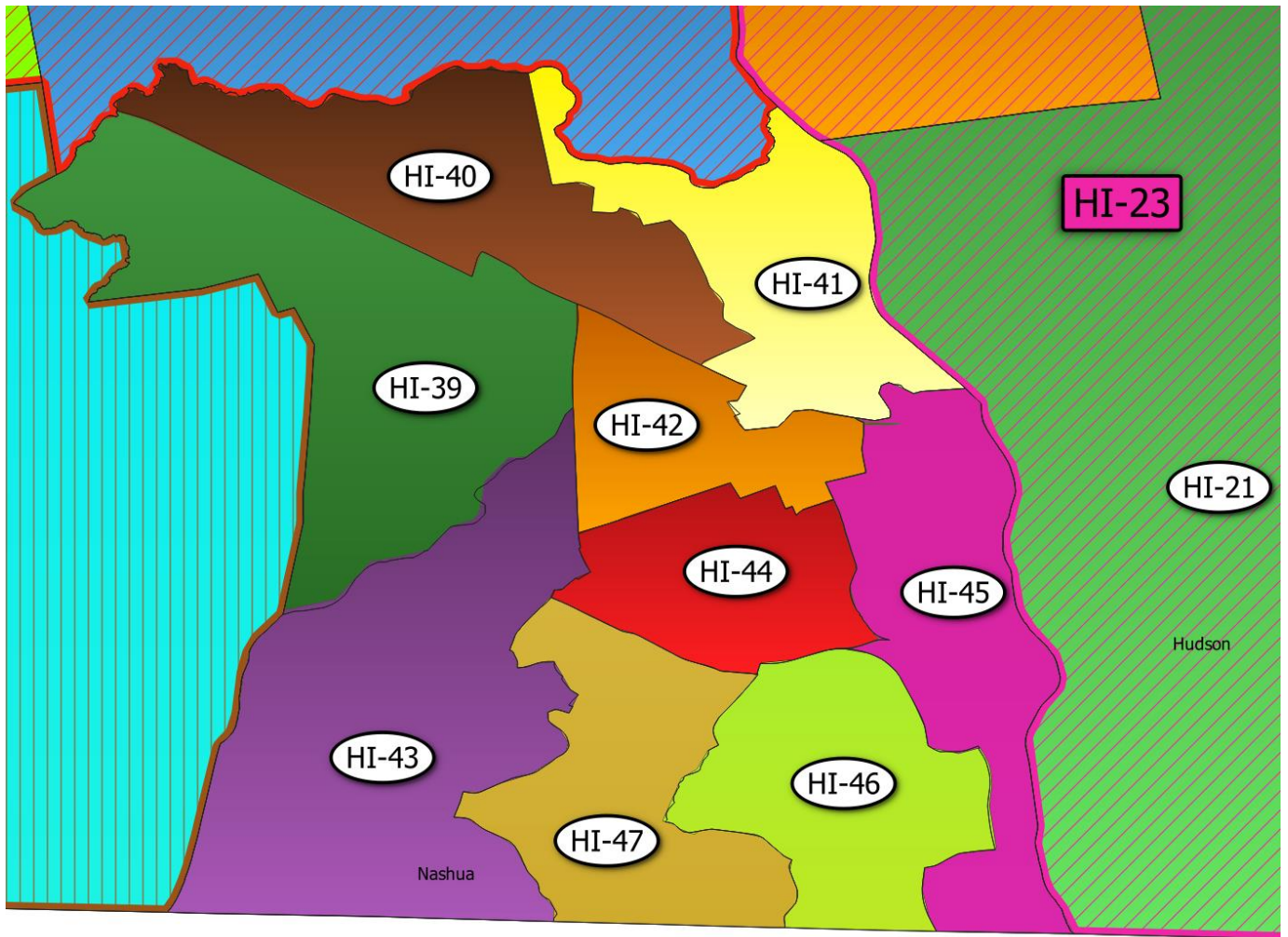


8.1. Manchester Zoomed in Map





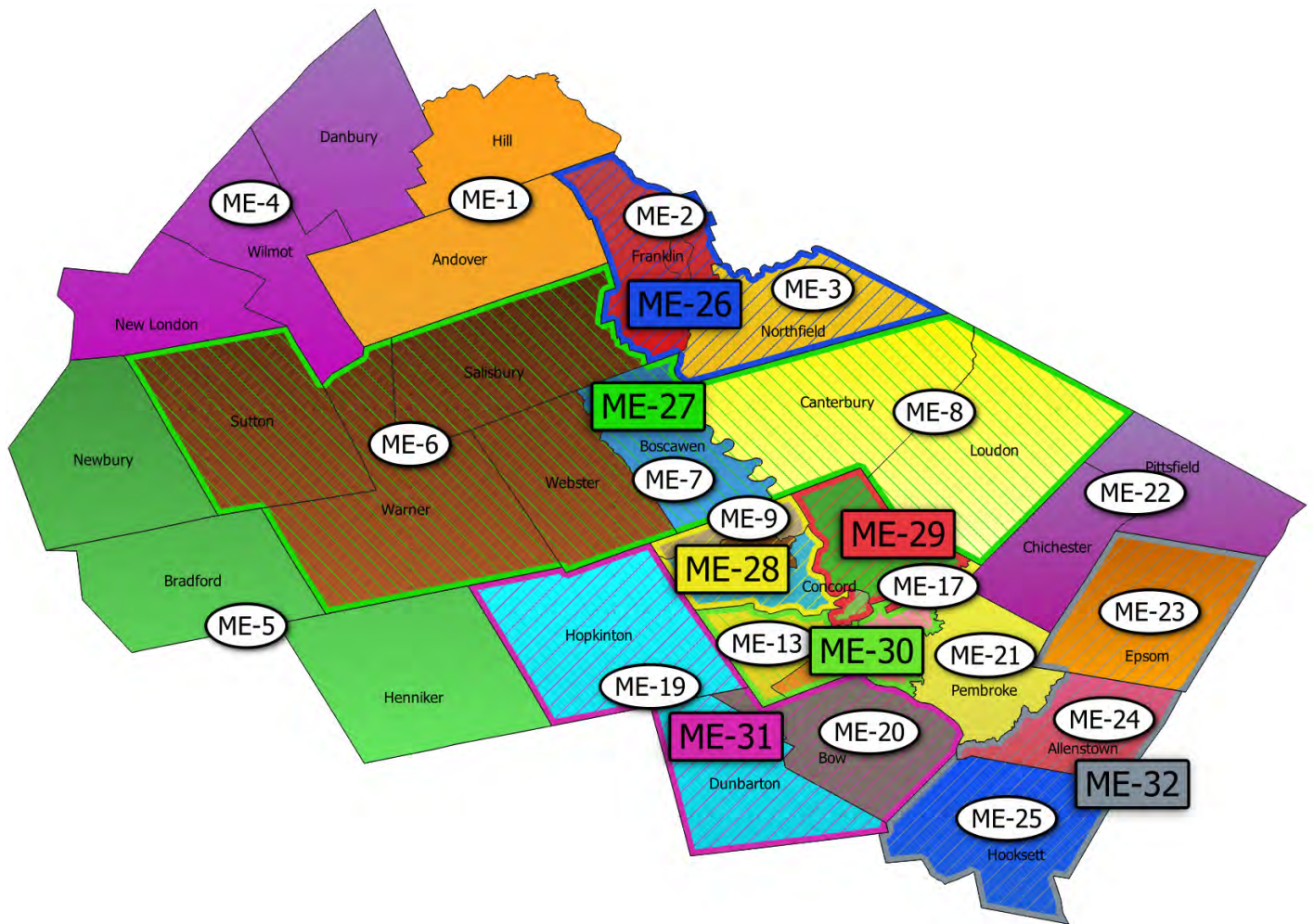
## 8.2. Nashua Zoomed in Map



### 8.3. Hillsborough County Map Districts

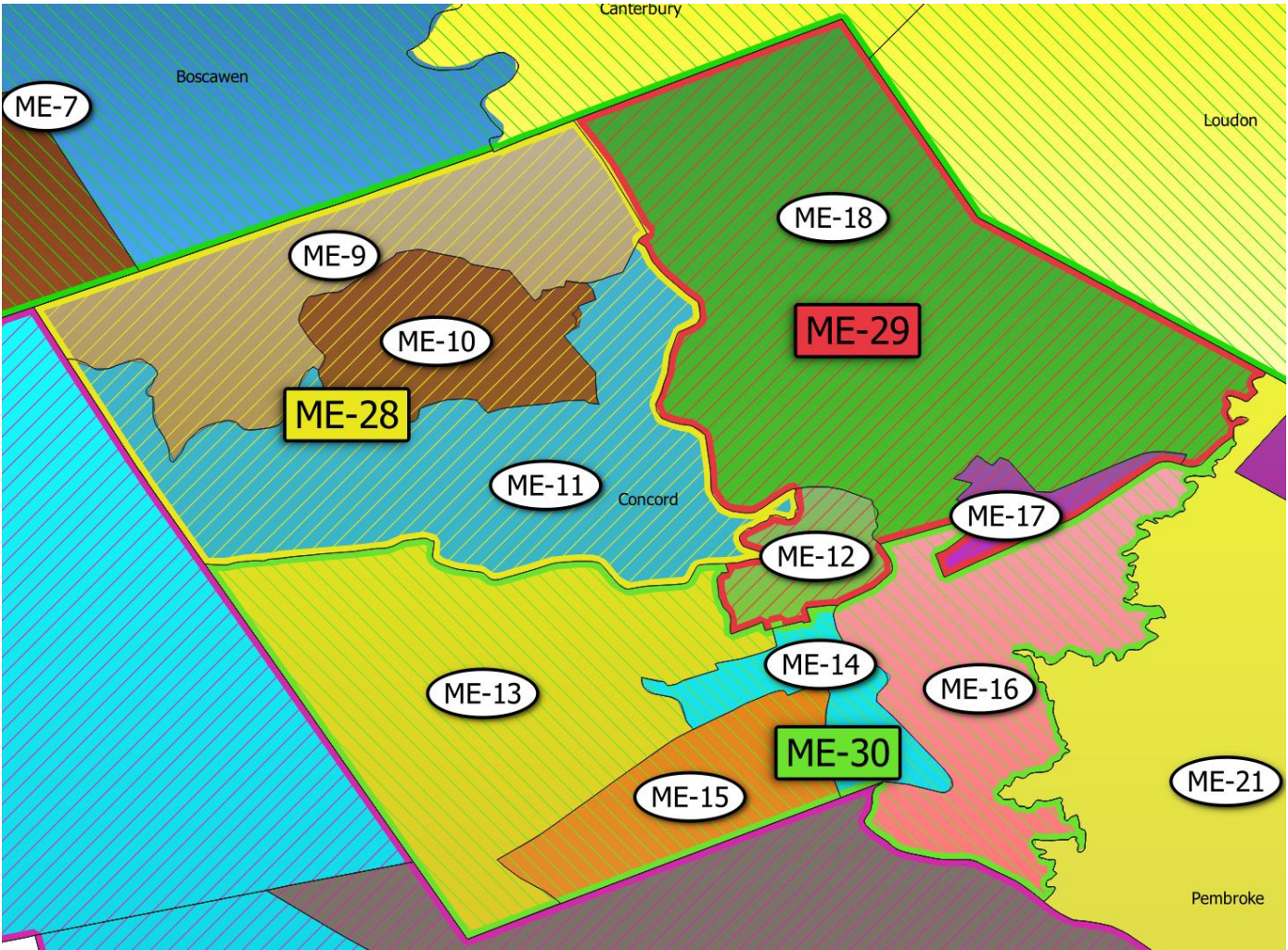
| Hillsborough County Proposed Map |            |        |            |        |  |             |              |
|----------------------------------|------------|--------|------------|--------|--|-------------|--------------|
| District                         | Population | # Reps | F District | F Reps | Towns/Wards  | % Deviation | Violations   |
| HI-1                             | 26,632     | 7      | HI-3       | 1      | Merrimack  | 0.51%       |              |
| HI-2                             | 11,753     | 3      |            |        | Amherst  | 3.22%       |              |
| HI-4                             | 10,800     | 3      |            |        | Antrim, Hancock, Peterborough                      | 4.54%       | Peterborough |
| HI-5                             | 23,322     | 6      | HI-7       | 1      | Bedford  | 3.29%       |              |
| HI-6                             | 18,577     | 5      |            |        | Goffstown  | -0.90%      |              |
| HI-8                             | 5,204      | 1      | HI-10      | 1      | New Ipswich  | -0.10%      |              |
| HI-9                             | 4,949      | 1      |            |        | Bennington, Greenfield, Sharon, Temple             | -3.39%      |              |
| HI-11                            | 9,061      | 2      | HI-13      | 1      | Brookline, Greenville, Mason                       | 4.38%       | Brookline    |
| HI-12                            | 8,342      | 2      |            |        | Hollis   | -2.30%      |              |
| HI-14                            | 8,105      | 2      | HI-16      | 1      | Deering, Hillsborough, Windsor                     | -4.77%      | Hillsborough |
| HI-15                            | 9,092      | 2      |            |        | Weare  | 4.41%       |              |
| HI-17                            | 16,131     | 4      | HI-20      | 1      | Milford  | 4.01%       |              |
| HI-18                            | 3,896      | 1      |            |        | Wilton   | 0.87%       |              |
| HI-19                            | 12,013     | 3      |            |        | Francestown, Lyndeborough, Mont Vernon, New Boston | 3.36%       | New Boston   |
| HI-21                            | 25,394     | 6      | HI-23      | 2      | Hudson   | -1.68%      |              |
| HI-22                            | 8,478      | 2      |            |        | Litchfield   | -1.55%      |              |
| HI-24                            | 14,222     | 4      |            |        | Pelham   | 3.24%       |              |
| HI-25                            | 9,696      | 2      | HI-31      | 5      | Manchester Ward 1                                  | -0.80%      |              |
| HI-26                            | 9,611      | 2      |            |        | Manchester Ward 3                                  | -1.41%      |              |
| HI-27                            | 9,627      | 2      |            |        | Manchester Ward 9                                  | -1.30%      |              |
| HI-28                            | 9,608      | 2      |            |        | Manchester Ward 10                                 | -1.43%      |              |
| HI-29                            | 9,665      | 2      |            |        | Manchester Ward 11                                 | -1.02%      |              |
| HI-30                            | 9,637      | 2      | HI-38      | 5      | Manchester Ward 12                                 | -1.22%      |              |
| HI-32                            | 9,657      | 2      |            |        | Manchester Ward 2                                  | -1.10%      |              |
| HI-33                            | 9,643      | 2      |            |        | Manchester Ward 4                                  | -1.20%      |              |
| HI-34                            | 9,631      | 2      |            |        | Manchester Ward 5                                  | -1.29%      |              |
| HI-35                            | 9,603      | 2      |            |        | Manchester Ward 6                                  | -1.49%      |              |
| HI-36                            | 9,644      | 2      |            |        | Manchester Ward 7                                  | -1.20%      |              |
| HI-37                            | 9,622      | 2      |            |        | Manchester Ward 8                                  | -1.35%      |              |
| HI-39                            | 10,119     | 3      |            |        | Nashua Ward 1                                      | -2.06%      |              |
| HI-40                            | 10,348     | 3      |            |        | Nashua Ward 2                                      | 0.16%       |              |
| HI-41                            | 9,869      | 3      |            |        | Nashua Ward 3                                      | -4.48%      |              |
| HI-42                            | 10,074     | 3      |            |        | Nashua Ward 4                                      | -2.49%      |              |
| HI-43                            | 10,603     | 3      |            |        | Nashua Ward 5                                      | 2.63%       |              |
| HI-44                            | 9,853      | 3      |            |        | Nashua Ward 6                                      | -4.63%      |              |
| HI-45                            | 9,820      | 3      |            |        | Nashua Ward 7                                      | -4.95%      |              |
| HI-46                            | 10,267     | 3      |            |        | Nashua Ward 8                                      | -0.62%      |              |
| HI-47                            | 10,369     | 3      |            |        | Nashua Ward 9                                      | 0.36%       |              |
| Total                            | 422,937    |        | 123        |        |  | 9.49%       | 4            |

## 9. Merrimack County Map





9.1. Concord Zoomed in Map

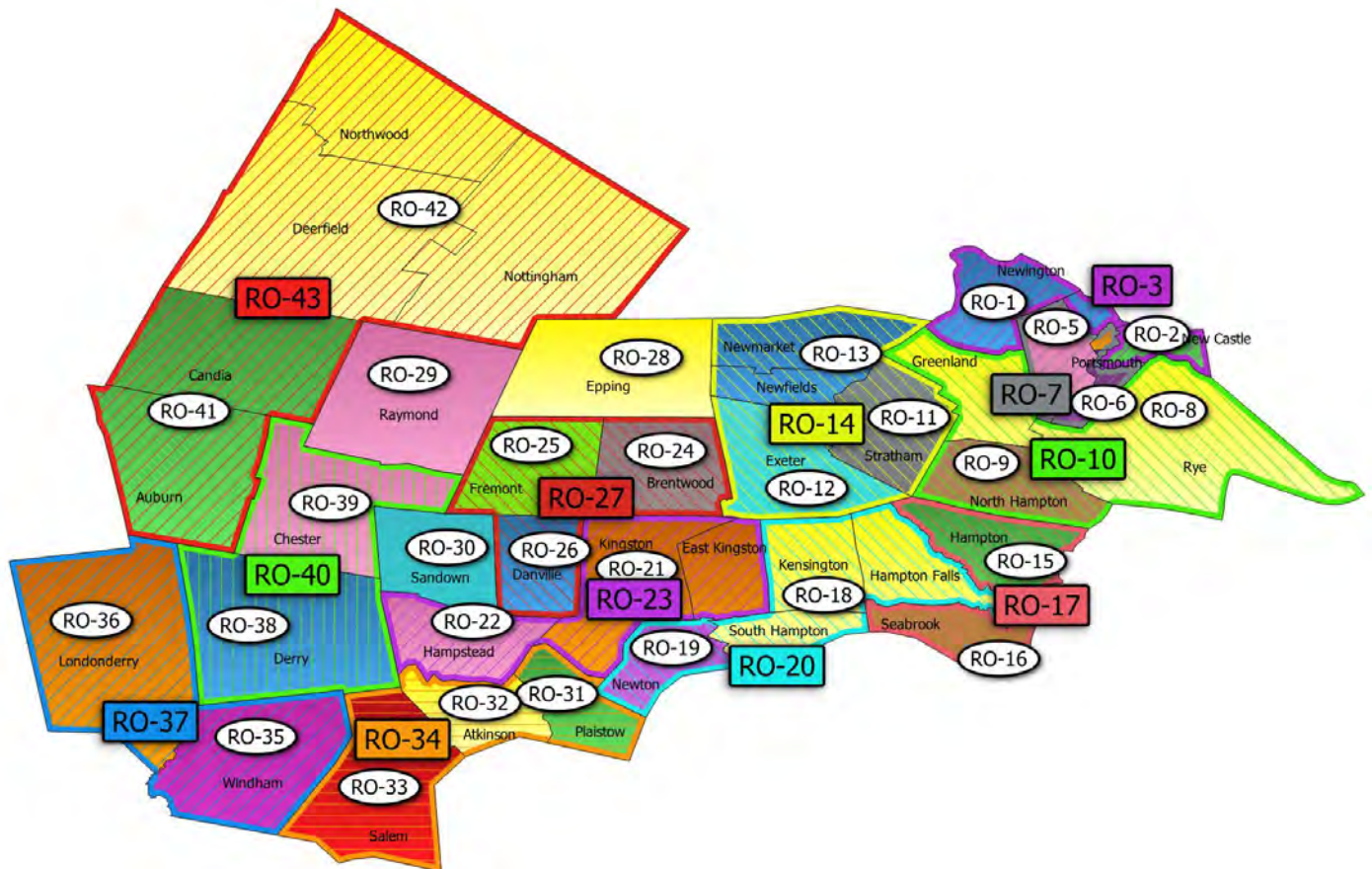




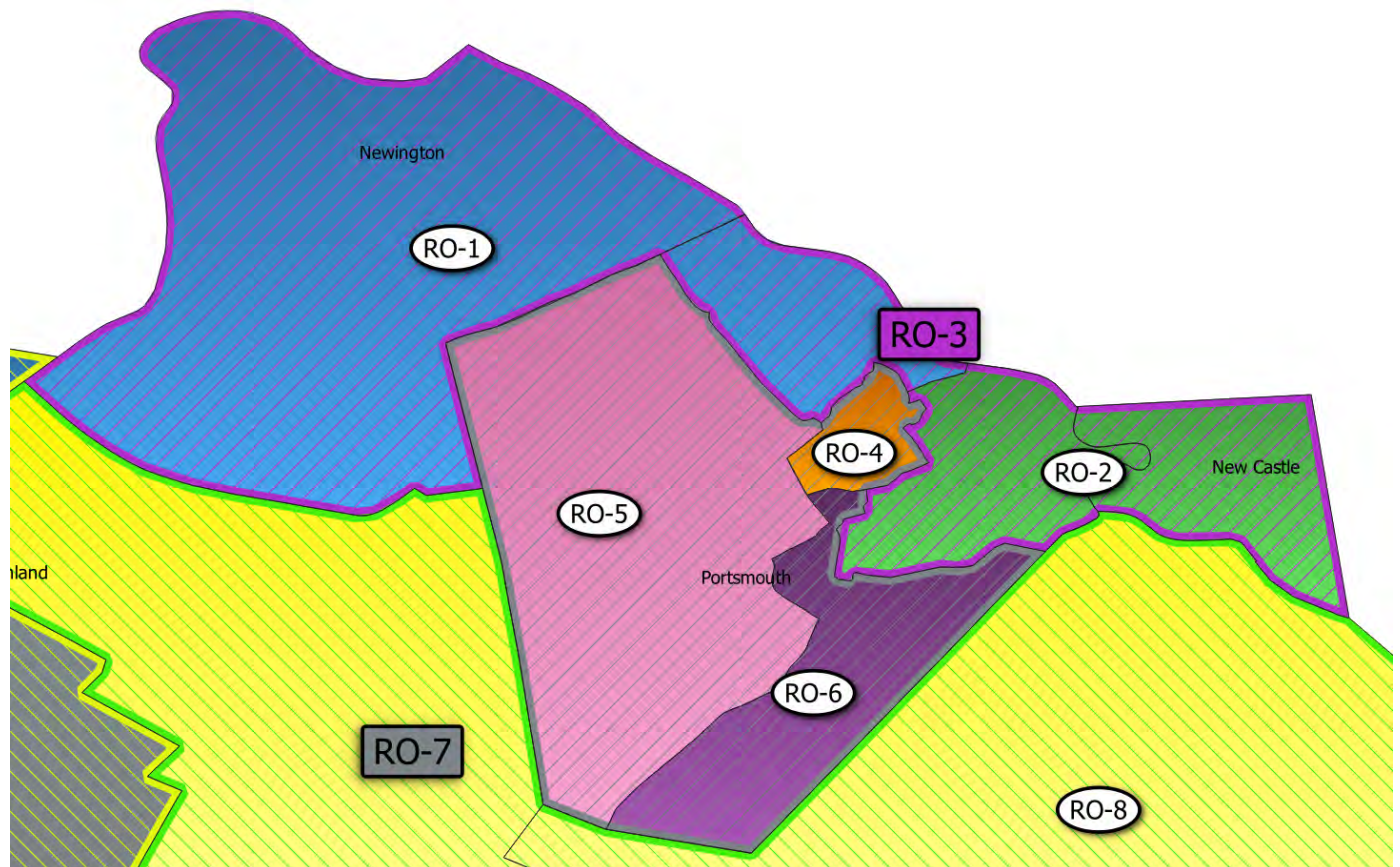
## 9.2. Merrimack County Map Districts

| Merrimack County Proposed Map |            |        |            |        |                                    |             |            |
|-------------------------------|------------|--------|------------|--------|------------------------------------|-------------|------------|
| District                      | Population | # Reps | F District | F Reps | Towns/Wards                        | % Deviation | Violations |
| ME-1                          | 3,423      | 1      |            |        | Andover, Hill                      | -0.60%      |            |
| ME-2                          | 8,741      | 2      | ME-26      | 1      | Franklin Wards 1-3                 | -3.93%      |            |
| ME-3                          | 4,872      | 1      |            |        | Northfield                         | 4.18%       |            |
| ME-4                          | 7,057      | 2      |            |        | Danbury, New London, Wilmot        | 2.46%       | New London |
| ME-5                          | 10,019     | 3      |            |        | Bradford, Henniker, Newbury        | -3.02%      | Henniker   |
| ME-6                          | 8,250      | 2      | ME-27      | 1      | Salisbury, Sutton, Warner, Webster | -0.52%      |            |
| ME-7                          | 3,998      | 1      |            |        | Boscawen                           | -3.08%      |            |
| ME-8                          | 7,965      | 2      |            |        | Canterbury, Loudon                 | -3.39%      | Loudon     |
| ME-9                          | 4,452      | 1      | ME-28      | 1      | Concord Ward 1                     | -2.73%      |            |
| ME-10                         | 4,567      | 1      |            |        | Concord Ward 2                     | -0.85%      |            |
| ME-11                         | 4,512      | 1      |            |        | Concord Ward 3                     | -1.75%      |            |
| ME-12                         | 4,398      | 1      | ME-29      | 1      | Concord Ward 4                     | -3.92%      |            |
| ME-17                         | 4,543      | 1      |            |        | Concord Ward 9                     | -1.55%      |            |
| ME-18                         | 4,421      | 1      |            |        | Concord Ward 10                    | -3.54%      |            |
| ME-13                         | 4,338      | 1      | ME-30      | 1      | Concord Ward 5                     | 0.46%       |            |
| ME-14                         | 4,231      | 1      |            |        | Concord Ward 6                     | -1.53%      |            |
| ME-15                         | 4,310      | 1      |            |        | Concord Ward 7                     | -0.06%      |            |
| ME-16                         | 4,204      | 1      |            |        | Concord Ward 8                     | -2.03%      |            |
| ME-19                         | 8,919      | 2      | ME-31      | 1      | Dunbarton, Hopkinton               | 2.77%       | Hopkinton  |
| ME-20                         | 8,229      | 2      |            |        | Bow                                | -3.64%      |            |
| ME-21                         | 7,207      | 2      |            |        | Pembroke                           | 4.64%       |            |
| ME-22                         | 6,740      | 2      |            |        | Chichester, Pittsfield             | -2.14%      | Pittsfield |
| ME-23                         | 4,834      | 1      | ME-32      | 2      | Epsom                              | 0.55%       |            |
| ME-24                         | 4,707      | 1      |            |        | Allenstown                         | -1.36%      |            |
| ME-25                         | 14,871     | 3      |            |        | Hooksett                           | 2.37%       |            |
| Total                         | 153,808    | 45     |            |        |                                    | 8.57%       | 5          |

## 10. Rockingham County Map



### 10.1. Portsmouth Zoomed in Map

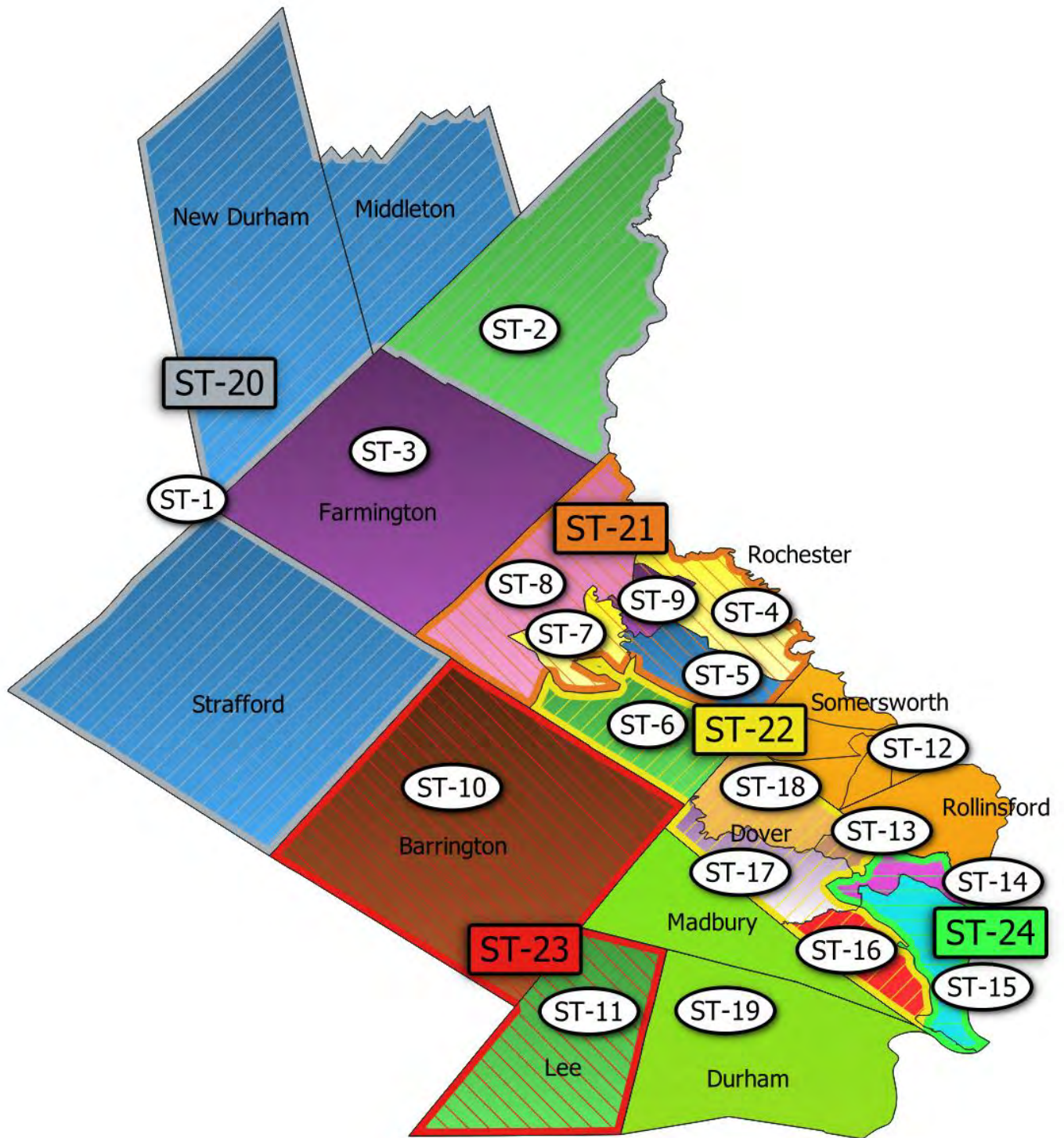


## 10.2. Rockingham County Map Districts

| Rockingham County Proposed Map |            |        |            |        |  |             |                                  |
|--------------------------------|------------|--------|------------|--------|--|-------------|----------------------------------|
| District                       | Population | # Reps | F District | F Reps | Towns/Wards                              | % Deviation | Violations                       |
| RO-1                           | 5,087      | 1      | RO-3       | 1      | Portsmouth Ward 1, Newington             | -1.08%      | Portsmouth Ward 1                |
| RO-2                           | 5,227      | 1      |            |        | Portsmouth Ward 5, New Castle            | 0.73%       | Portsmouth Ward 5                |
| RO-4                           | 4,549      | 1      | RO-7       | 1      | Portsmouth Ward 2                        | -1.29%      |                                  |
| RO-5                           | 4,528      | 1      |            |        | Portsmouth Ward 3                        | -1.63%      |                                  |
| RO-6                           | 4,376      | 1      |            |        | Portsmouth Ward 4                        | -4.12%      |                                  |
| RO-8                           | 9,610      | 2      | RO-10      | 1      | Greenland, Rye                           | 4.15%       | Greenland, Rye                   |
| RO-9                           | 4,538      | 1      |            |        | North Hampton                            | -0.23%      |                                  |
| RO-11                          | 7,669      | 2      | RO-14      | 1      | Stratham                                 | 0.33%       |                                  |
| RO-12                          | 16,049     | 4      |            |        | Newfields, Newmarket                     | 4.50%       | Newmarket                        |
| RO-13                          | 11,199     | 3      |            |        | Exeter                                   | -2.07%      |                                  |
| RO-15                          | 16,214     | 4      | RO-17      | 1      | Hampton                                  | 1.06%       |                                  |
| RO-16                          | 8,401      | 2      |            |        | Seabrook                                 | 4.19%       |                                  |
| RO-18                          | 5,392      | 1      | RO-20      | 1      | Hampton Falls, Kensington, South Hampton | 2.47%       |                                  |
| RO-19                          | 4,820      | 1      |            |        | Newton                                   | -4.92%      |                                  |
| RO-21                          | 8,643      | 2      | RO-23      | 1      | East Kingston, Kingston                  | 0.79%       | Kingston                         |
| RO-22                          | 8,998      | 2      |            |        | Hampstead                                | 4.09%       |                                  |
| RO-24                          | 4,490      | 1      | RO-27      | 1      | Brentwood                                | -1.92%      |                                  |
| RO-25                          | 4,739      | 1      |            |        | Fremont                                  | 2.12%       |                                  |
| RO-26                          | 4,408      | 1      |            |        | Danville                                 | -3.27%      |                                  |
| RO-28                          | 7,125      | 2      |            |        | Epping                                   | 3.45%       |                                  |
| RO-29                          | 10,684     | 3      |            |        | Raymond                                  | 3.41%       |                                  |
| RO-30                          | 6,548      | 2      |            |        | Sandown                                  | -4.93%      |                                  |
| RO-31                          | 7,830      | 2      | RO-34      | 1      | Plaistow                                 | 4.58%       |                                  |
| RO-32                          | 7,087      | 2      |            |        | Atkinson                                 | -4.62%      |                                  |
| RO-33                          | 30,089     | 8      |            |        | Salem                                    | 0.79%       |                                  |
| RO-35                          | 15,817     | 4      | RO-37      | 1      | Windham                                  | 4.86%       |                                  |
| RO-36                          | 25,826     | 7      |            |        | Londonderry                              | -1.59%      |                                  |
| RO-38                          | 34,317     | 7      | RO-40      | 4      | Derry                                    | -4.83%      |                                  |
| RO-39                          | 5,232      | 1      |            |        | Chester                                  | -0.65%      |                                  |
| RO-41                          | 9,959      | 2      | RO-43      | 2      | Auburn, Candia                           | 3.03%       | Auburn, Candia                   |
| RO-42                          | 14,725     | 3      |            |        | Deerfield, Northwood, Nottingham         | 1.97%       | Deerfield, Northwood, Nottingham |
| Total                          | 309,089    |        | 90         |        |  | 9.80%       | 11                               |

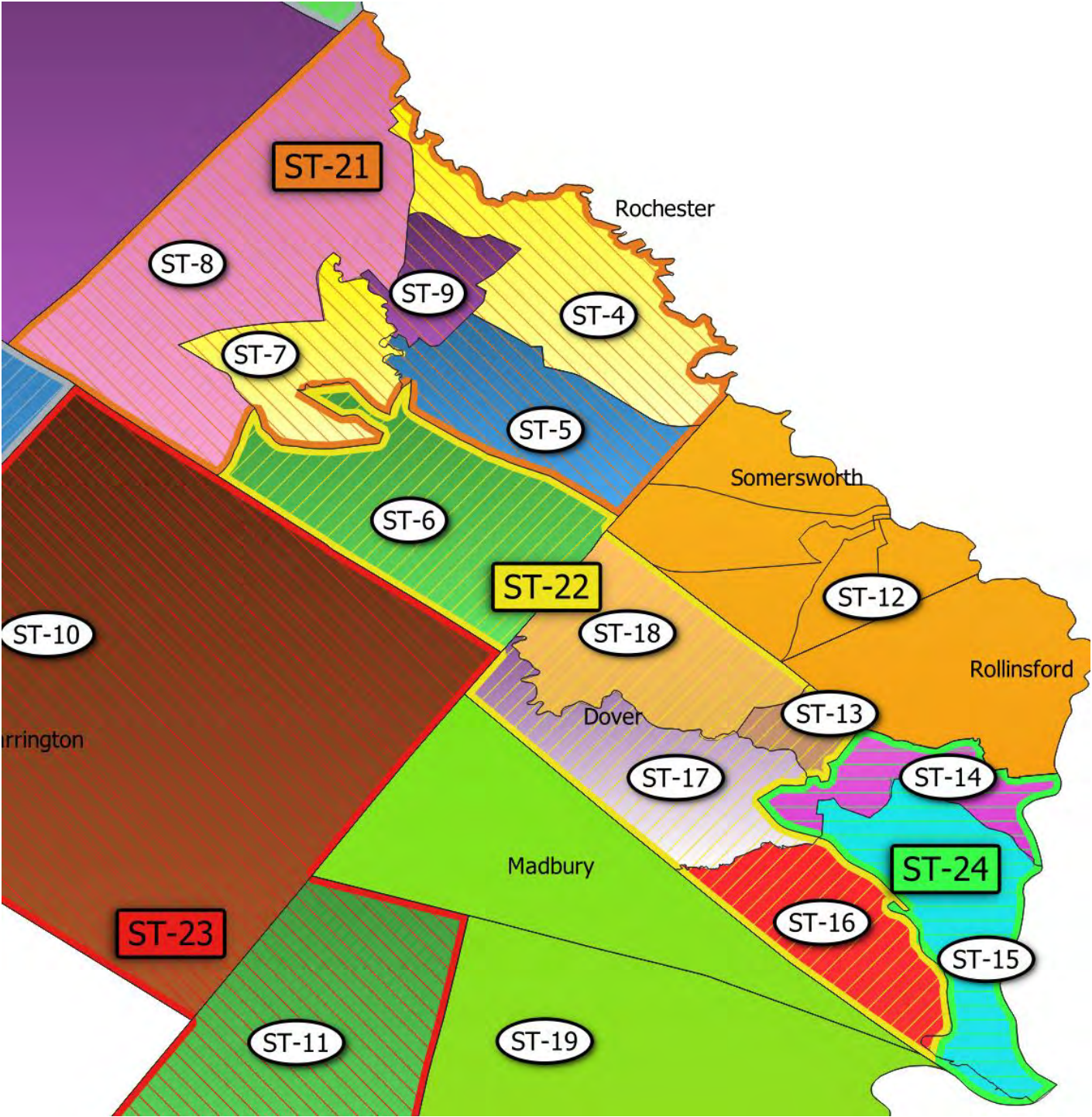


## 11. Strafford County Map





11.1. Dover/Rochester Zoomed in Map

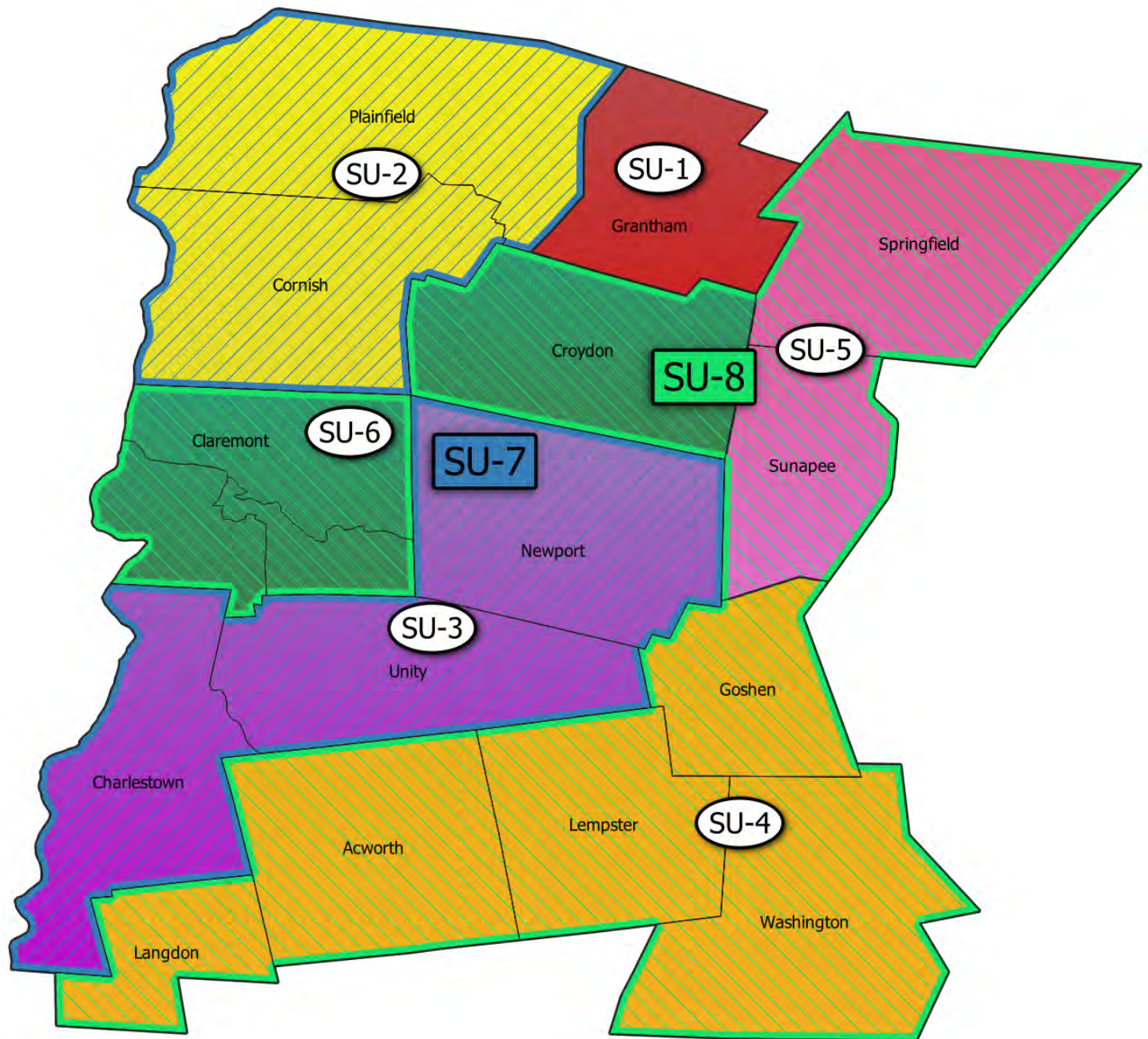


## 11.2. Strafford County Map Districts

| Strafford County Proposed Map |            |        |            |        |                                    |             |            |
|-------------------------------|------------|--------|------------|--------|------------------------------------|-------------|------------|
| District                      | Population | # Reps | F District | F Reps | Towns/Wards                        | % Deviation | Violations |
| ST-1                          | 8,746      | 2      | ST-20      | 1      | Middleton, New Durham, Strafford   | -4.57%      | Strafford  |
| ST-2                          | 4,482      | 1      |            |        | Milton                             | -2.79%      |            |
| ST-3                          | 6,722      | 2      |            |        | Farmington                         | -2.40%      |            |
| ST-4                          | 5,387      | 1      | ST-21      | 3      | Rochester Ward 1                   | -2.01%      |            |
| ST-5                          | 5,388      | 1      |            |        | Rochester Ward 2                   | -2.00%      |            |
| ST-7                          | 5,498      | 1      |            |        | Rochester Ward 4                   | -0.75%      |            |
| ST-8                          | 5,419      | 1      |            |        | Rochester Ward 5                   | -1.64%      |            |
| ST-9                          | 5,410      | 1      |            |        | Rochester Ward 6                   | -1.75%      |            |
| ST-6                          | 5,390      | 1      | ST-22      | 3      | Rochester Ward 3                   | -1.70%      |            |
| ST-13                         | 5,482      | 1      |            |        | Dover Ward 1                       | -0.65%      |            |
| ST-16                         | 5,439      | 1      |            |        | Dover Ward 4                       | -1.14%      |            |
| ST-17                         | 5,496      | 1      |            |        | Dover Ward 5                       | -0.49%      |            |
| ST-18                         | 5,501      | 1      |            |        | Dover Ward 6                       | -0.43%      |            |
| ST-10                         | 9,326      | 2      | ST-23      | 1      | Barrington                         | 1.29%       |            |
| ST-11                         | 4,520      | 1      |            |        | Lee                                | -1.05%      |            |
| ST-12                         | 14,452     | 4      |            |        | Somersworth Wards 1-5, Rollinsford | 4.91%       |            |
| ST-14                         | 5,414      | 1      | ST-24      | 1      | Dover Ward 2                       | 4.79%       |            |
| ST-15                         | 5,409      | 1      |            |        | Dover Ward 3                       | 4.73%       |            |
| ST-19                         | 17,408     | 5      |            |        | Madbury, Durham                    | 1.10%       | Durham     |
| Total                         | 130,889    |        | 38         |        |                                    | 9.48%       | 2          |



## 12. Sullivan County Map



### 12.1. Sullivan County Map Districts

| Sullivan County Enacted Map |            |        |            |        |  |             |  |
|-----------------------------|------------|--------|------------|--------|--|-------------|--|
| District                    | Population | # Reps | F District | F Reps | Towns/Wards                                    | % Deviation | Violations   |
| SU-1                        | 3,404      | 1      |            |        | Grantham                                       | -1.16%      |  |
| SU-2                        | 4,075      | 1      |            |        | Cornish, Plainfield                            | -4.88%      |  |
| SU-3                        | 12,623     | 3      | SU-7       | 1      | Charlestown, Newport, Unity                    | -2.41%      | Charlestown, Newport                                 |
| SU-4                        | 4,610      | 1      |            |        | Acworth, Goshen, Langdon, Lempster, Washington | -4.49%      |  |
| SU-5                        | 4,601      | 1      | SU-8       | 2      | Springfield, Sunapee                           | -4.62%      |  |
| SU-6                        | 13,750     | 3      |            |        | Claremont Wards 1-3, Croydon                   | -4.88%      | Claremont Ward 1, Claremont Ward 2, Claremont Ward 3 |
| Total                       | 43,063     |        | 13         |        |  | 3.73%       | 5  |

## **EXHIBIT H**



# Enacted NH House Maps

HB 50 – FINAL VERSION

Source - [https://www.gencourt.state.nh.us/bill\\_Status/pdf.aspx?id=33504&q=billVersion](https://www.gencourt.state.nh.us/bill_Status/pdf.aspx?id=33504&q=billVersion)

## Index

1. [Summary of Enacted Maps](#)
2. [Map Comparison Summary](#)
3. [Belknap County Map](#)
  - 3.1. [Belknap County Map Districts](#)
4. [Carroll County Map](#)
  - 4.1. [Carroll County Map Districts](#)
5. [Cheshire County Map](#)
  - 5.1. [Cheshire County Map Districts](#)
6. [Coos County Map](#)
  - 6.1. [Coos County Map Districts](#)
7. [Grafton County Map](#)
  - 7.1. [Grafton County Map Districts](#)
8. [Hillsborough County Map](#)
  - 8.1. [Manchester Zoomed in Map](#)
  - 8.2. [Nashua Zoomed in Map](#)
  - 8.3. [Hillsborough County Map Districts](#)
9. [Merrimack County Map](#)
  - 9.1. [Concord Zoomed in Map](#)
  - 9.2. [Merrimack County Map Districts](#)
10. [Rockingham County Map](#)
  - 10.1. [Portsmouth Zoomed in Map](#)
  - 10.2. [Rockingham County Map Districts](#)
11. [Strafford County Map](#)
  - 11.1. [Dover/Rochester Zoomed in Map](#)
  - 11.2. [Strafford County Map Districts](#)
12. [Sullivan County Map](#)
  - 12.1. [Sullivan County Map Districts](#)

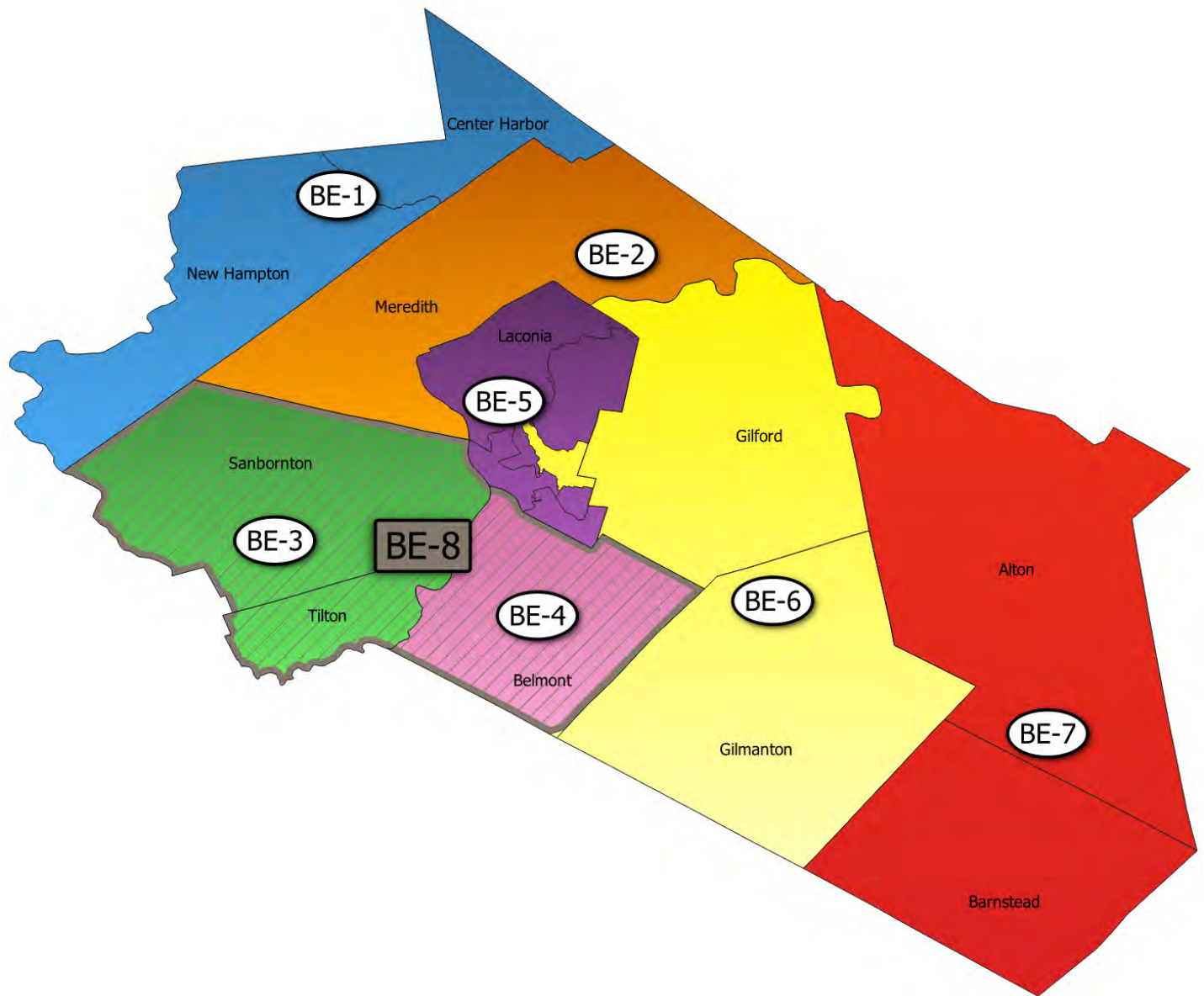
## 1. Summary of Enacted Maps

| Enacted Maps Summary |            |        |         |         |           |            |
|----------------------|------------|--------|---------|---------|-----------|------------|
| County               | Population | # Reps | Min Dev | Max Dev | Deviation | Violations |
| Belknap              | 63,705     | 18     | -3.28%  | 4.99%   | 8.27%     | 5          |
| Carroll              | 50,107     | 15     | -4.93%  | 1.54%   | 6.48%     | 3          |
| Cheshire             | 76,458     | 22     | -4.63%  | 5.18%   | 9.81%     | 5          |
| Coos                 | 31,268     | 9      | -3.95%  | 4.80%   | 8.74%     | 0          |
| Grafton              | 91,118     | 26     | -3.91%  | 4.53%   | 8.44%     | 5          |
| Hillsborough         | 422,937    | 123    | -4.95%  | 4.80%   | 9.75%     | 6          |
| Merrimack            | 153,808    | 45     | -4.58%  | 4.64%   | 9.22%     | 7          |
| Rockingham           | 314,176    | 91     | -4.93%  | 4.86%   | 9.80%     | 13         |
| Strafford            | 130,889    | 38     | -4.17%  | 4.97%   | 9.13%     | 6          |
| Sullivan             | 43,063     | 13     | -4.88%  | -1.16%  | 3.73%     | 5          |
| Total                | 1,377,529  | 400    | -4.95%  | 5.18%   | 10.13%    | 55         |

## 2. Map Comparison Summary

| Enacted Maps vs. Map-a-Thon Proposed Maps Summary |        |                       |                        |                        |                         |
|---|--------|-----------------------|------------------------|------------------------|-------------------------|
| County  | # Reps | Enacted Map Deviation | Proposed Map Deviation | Enacted Map Violations | Proposed Map Violations |
| Belknap   | 18     | 8.27%                 | 8.27%                  | 5                      | 5                       |
| Carroll   | 15     | 6.48%                 | 6.48%                  | 3                      | 3                       |
| Cheshire  | 22     | 9.81%                 | 7.62%                  | 5                      | 3                       |
| Coos  | 9      | 8.74%                 | 8.68%                  | 0                      | 0                       |
| Grafton   | 26     | 8.44%                 | 9.86%                  | 5                      | 3                       |
| Hillsborough                                      | 123    | 9.75%                 | 9.49%                  | 6                      | 4                       |
| Merrimack   | 45     | 9.22%                 | 8.57%                  | 7                      | 5                       |
| Rockingham  | 91     | 9.80%                 | 9.80%                  | 13                     | 11                      |
| Strafford   | 38     | 9.13%                 | 9.48%                  | 6                      | 2                       |
| Sullivan  | 13     | 3.73%                 | 3.73%                  | 5                      | 5                       |
| Total   | 400    | 10.13%                | 9.94%                  | 55                     | 41                      |

### 3. Belknap County Map

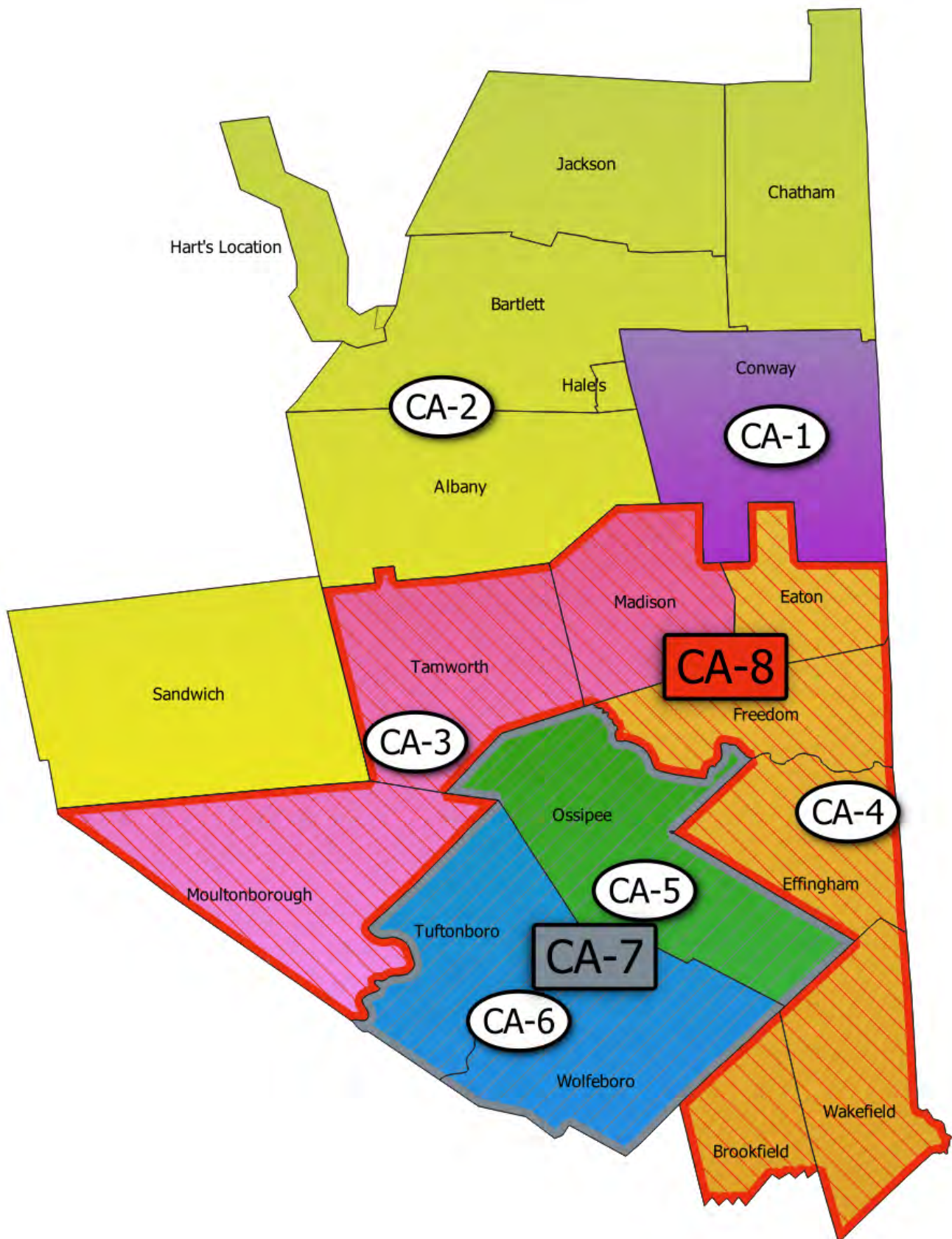


#### 3.1. Belknap County Map Districts

| Belknap County Enacted Map |            |        |            |        |                                    |             |                    |
|----------------------------|------------|--------|------------|--------|------------------------------------|-------------|--------------------|
| District                   | Population | # Reps | F District | F Reps | Towns/Wards                        | % Deviation | Violations         |
| BE-1                       | 3,417      | 1      |            |        | Center Harbor, New Hampton         | -0.78%      |                    |
| BE-2                       | 6,662      | 2      |            |        | Meredith                           | -3.28%      |                    |
| BE-3                       | 6,988      | 1      | BE-8       | 2      | Sanbornton, Tilton                 | 2.63%       | Tilton             |
| BE-4                       | 7,314      | 1      |            |        | Belmont                            | 4.99%       |                    |
| BE-5                       | 14,117     | 4      |            |        | Laconia Wards 1,3-6                | 2.48%       |                    |
| BE-6                       | 14,398     | 4      |            |        | Gilford, Gilmanton, Laconia Ward 2 | 4.52%       | Gilford, Gilmanton |
| BE-7                       | 10,809     | 3      |            |        | Alton, Barnstead                   | 4.62%       | Alton, Barnstead   |
| Total                      | 63,705     |        | 18         |        |                                    | 8.27%       | 5                  |



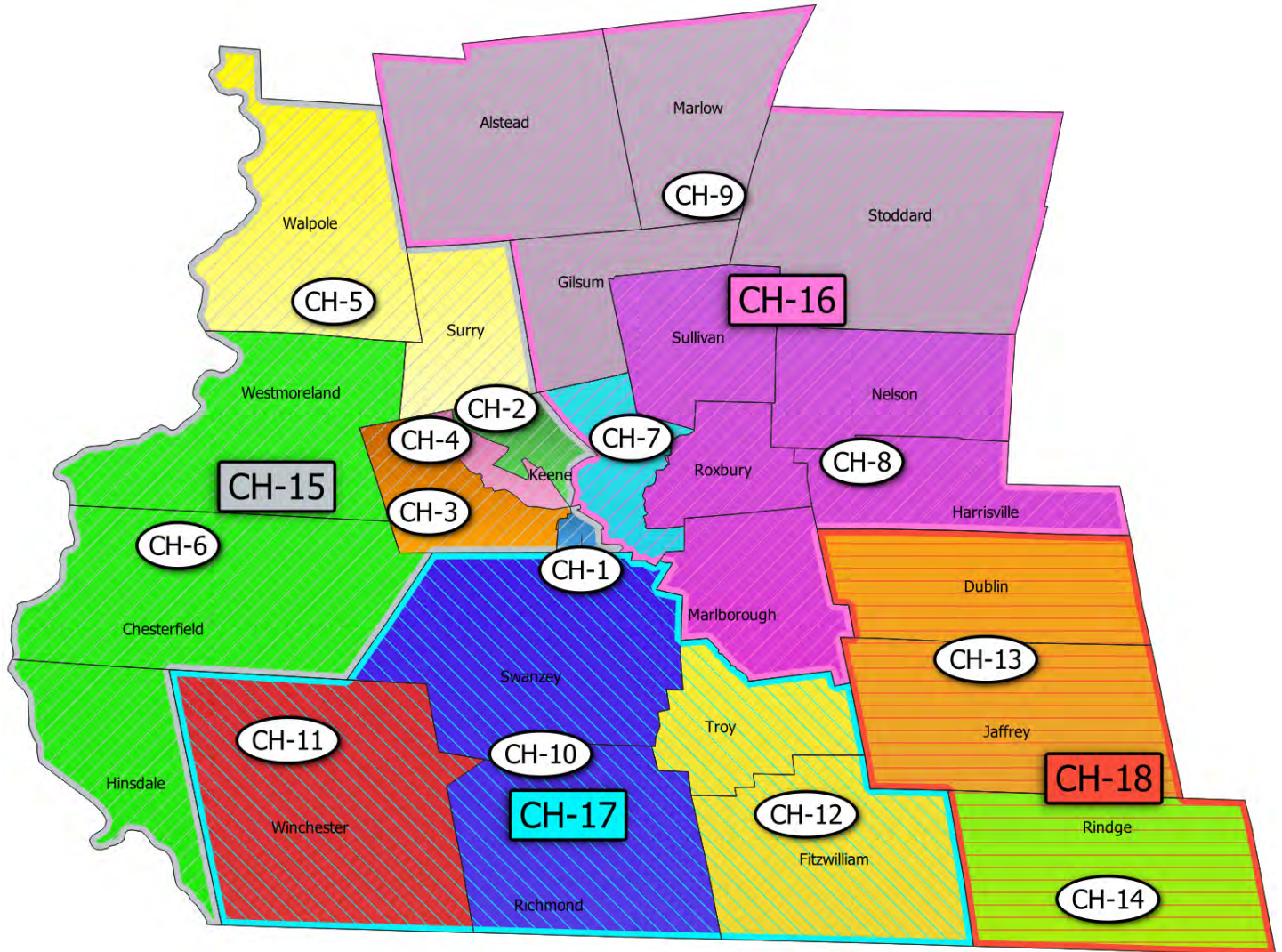
#### 4. Carroll County Map



#### 4.1. Carroll County Map Districts

| Carroll County Enacted Map |            |        |            |        |  |             |                |
|----------------------------|------------|--------|------------|--------|--|-------------|----------------|
| District                   | Population | # Reps | F District | F Reps | Towns/Wards  | % Deviation | Violations     |
| CA-1                       | 9,822      | 3      |            |        | Conway   | -4.93%      |                |
| CA-2                       | 6,994      | 2      |            |        | Albany, Bartlett, Chatham, Hale's Location, Hart's Location, Jackson, Sandwich | 1.54%       |                |
| CA-3                       | 10,295     | 2      | CA-8       | 2      | Madison, Moultonborough, Tamworth  | -1.26%      | Moultonborough |
| CA-4                       | 9,741      | 2      |            |        | Brookfield, Eaton, Effingham, Freedom, Wakefield                               | -4.84%      | Wakefield      |
| CA-5                       | 4,372      | 1      | CA-7       | 1      | Ossipee  | -4.54%      |                |
| CA-6                       | 8,883      | 2      |            |        | Tuftsboro, Wolfeboro   | -3.40%      | Wolfeboro      |
| Total                      | 50,107     |        | 15         |        |  | 6.48%       | 3              |

#### 5. Cheshire County Map

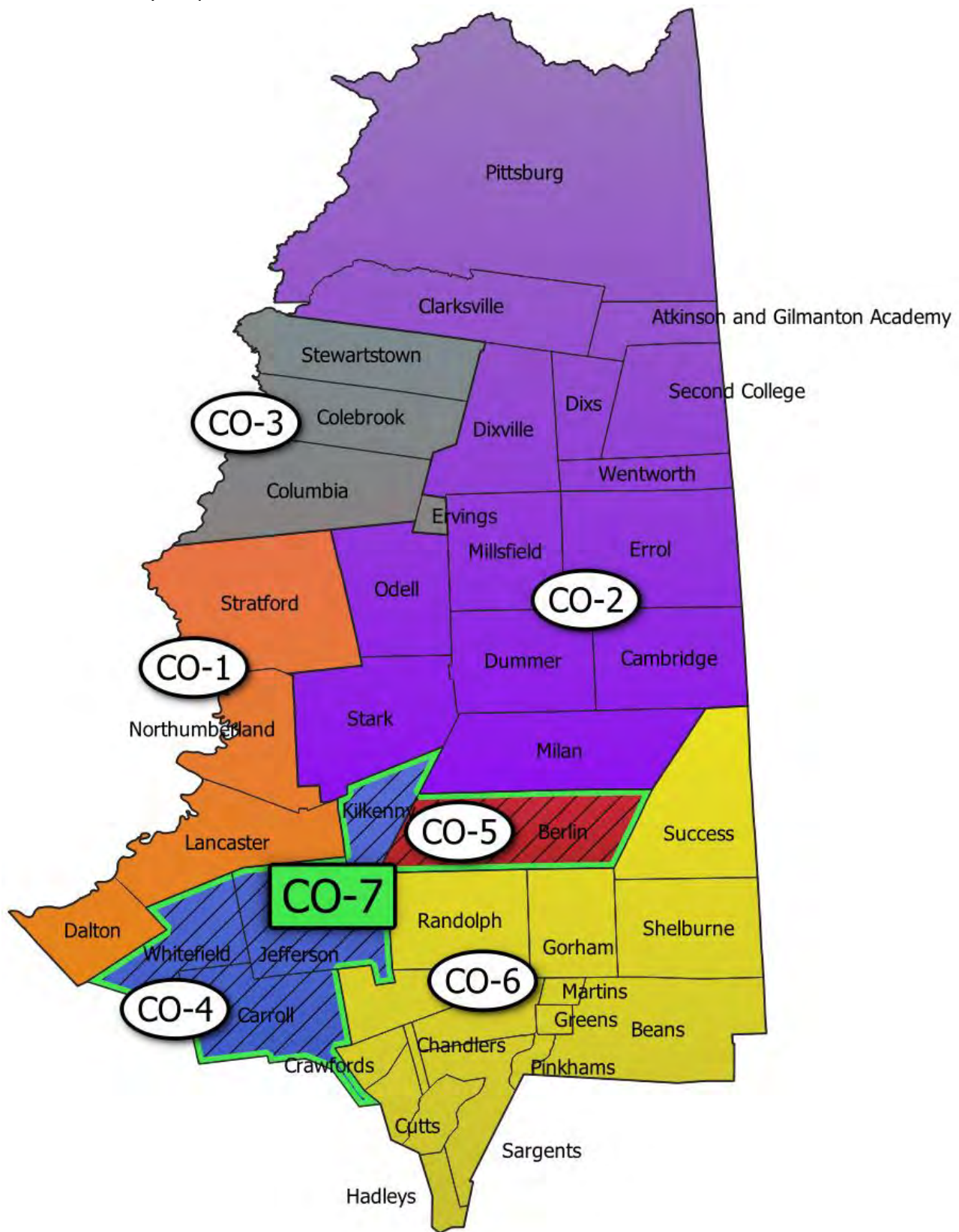


## 5.1. Cheshire County Map Districts

| Cheshire County Enacted Map |            |        |            |        |   |             |                        |
|-----------------------------|------------|--------|------------|--------|---|-------------|------------------------|
| District                    | Population | # Reps | F District | F Reps | Towns/Wards   | % Deviation | Violations             |
| CH-1                        | 4,643      | 1      | CH-15      | 2      | Keene Ward 1  | 4.61%       |                        |
| CH-2                        | 4,550      | 1      |            |        | Keene Ward 3  | 2.97%       |                        |
| CH-3                        | 4,676      | 1      |            |        | Keene Ward 5  | 5.18%       |                        |
| CH-4                        | 4,620      | 1      |            |        | Keene Ward 4  | 4.20%       |                        |
| CH-5                        | 4,453      | 1      |            |        | Surry, Walpole                                      | 1.25%       | Walpole                |
| CH-6                        | 9,206      | 2      |            |        | Chesterfield, Hinsdale, Westmoreland                | 3.91%       | Chesterfield, Hinsdale |
| CH-7                        | 4,558      | 1      | CH-16      | 1      | Keene Ward 2  | -0.36%      |                        |
| CH-8                        | 4,587      | 1      |            |        | Harrisville, Marlborough, Nelson, Roxbury, Sullivan | 0.12%       |                        |
| CH-9                        | 4,739      | 1      |            |        | Alstead, Gilsum, Marlow, Stoddard                   | 2.59%       |                        |
| CH-10                       | 8,467      | 2      | CH-17      | 1      | Richmond, Swanzey                                   | -1.47%      | Swanzey                |
| CH-11                       | 4,150      | 1      |            |        | Winchester  | -3.03%      |                        |
| CH-12                       | 4,481      | 1      |            |        | Fitzwilliam, Troy                                   | 3.10%       |                        |
| CH-13                       | 6,852      | 1      | CH-18      | 2      | Dublin, Jaffrey                                     | -1.90%      | Jaffrey                |
| CH-14                       | 6,476      | 1      |            |        | Rindge  | -4.63%      |                        |
| Total                       | 76,458     |        | 22         |        |   | 9.81%       | 5                      |



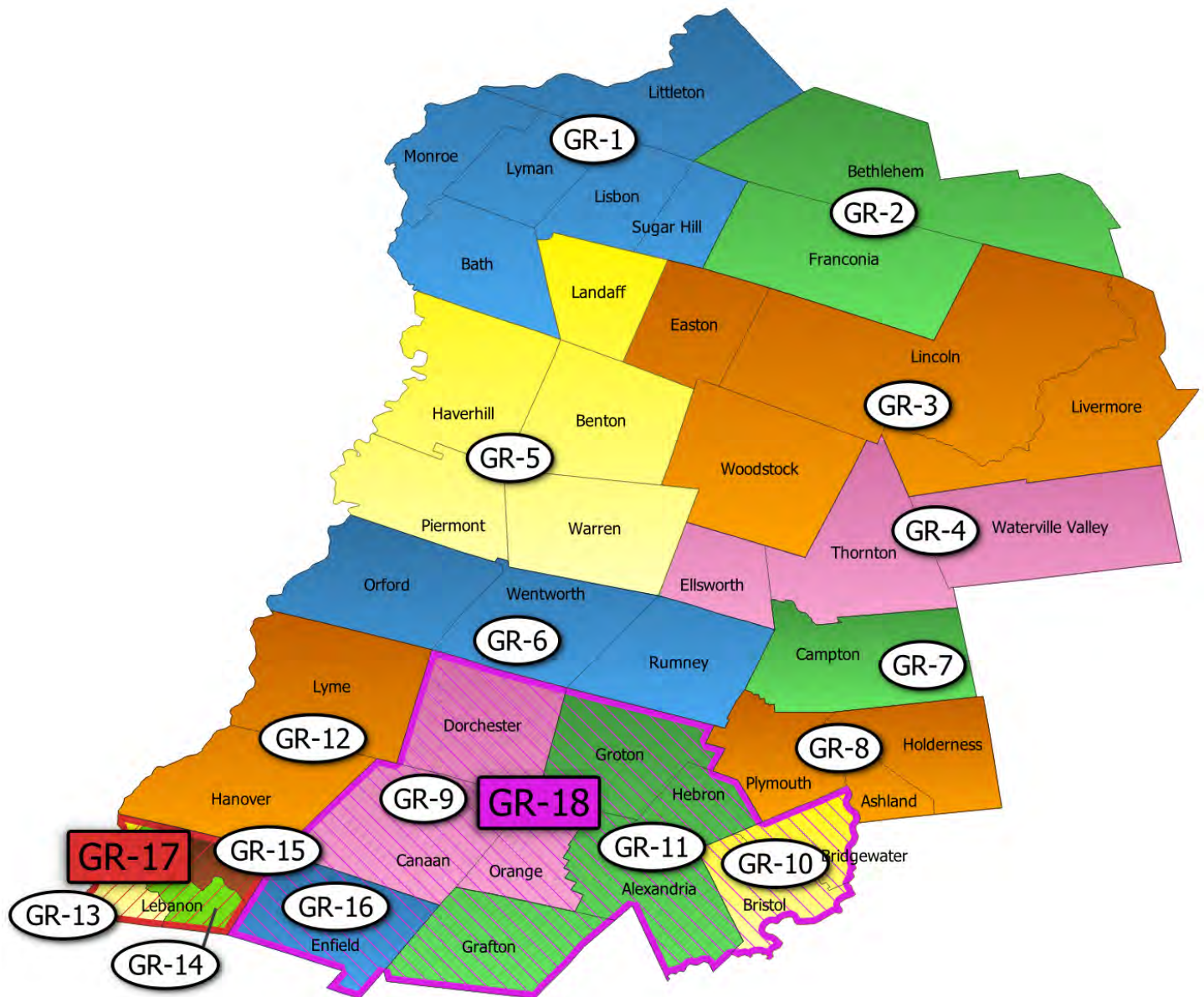
## 6. Coos County Map



## 6.1. Coos County Map Districts

| Coos County Enacted Map |            |        |            |        |   |             |            |
|-------------------------|------------|--------|------------|--------|---|-------------|------------|
| District                | Population | # Reps | F District | F Reps | Towns/Wards   | % Deviation | Violations |
| CO-1                    | 6,939      | 2      |            |        | Dalton, Lancaster, Northumberland, Stratford  | 0.75%       |            |
| CO-2                    | 3,609      | 1      |            |        | Atkinson & Gilmanton Academy Grant, Cambridge, Clarksville, Dix's Grant, Dixville, Dummer, Errol, Milan, Millsfield, Odell, Pittsburg, Second College Grant, Stark, Wentworth's Location  | 4.80%       |            |
| CO-3                    | 3,556      | 1      |            |        | Colebrook, Columbia, Erving's Location, Stewartstown  | 3.26%       |            |
| CO-4                    | 4,353      | 1      | CO-7       | 1      | Carroll, Jefferson, Kilkenny, Whitefield  | -3.95%      |            |
| CO-5                    | 9,425      | 2      |            |        | Berlin  | 1.96%       |            |
| CO-6                    | 3,386      | 1      |            |        | Bean's Grant, Bean's Purchase, Chandler's Purchase, Crawford's Purchase, Cutt's Grant, Gorham, Green's Grant, Hadley's Purchase, Low and Burbank's Grant, Martin's Location, Pinkham's Grant, Randolph, Sargent's Purchase, Shelburne, Success, Thompson and Meserve's Purchase | -1.68%      |            |
| Total                   | 31,268     |        | 9          |        |   | 8.74%       | 0          |

## 7. Grafton County Map

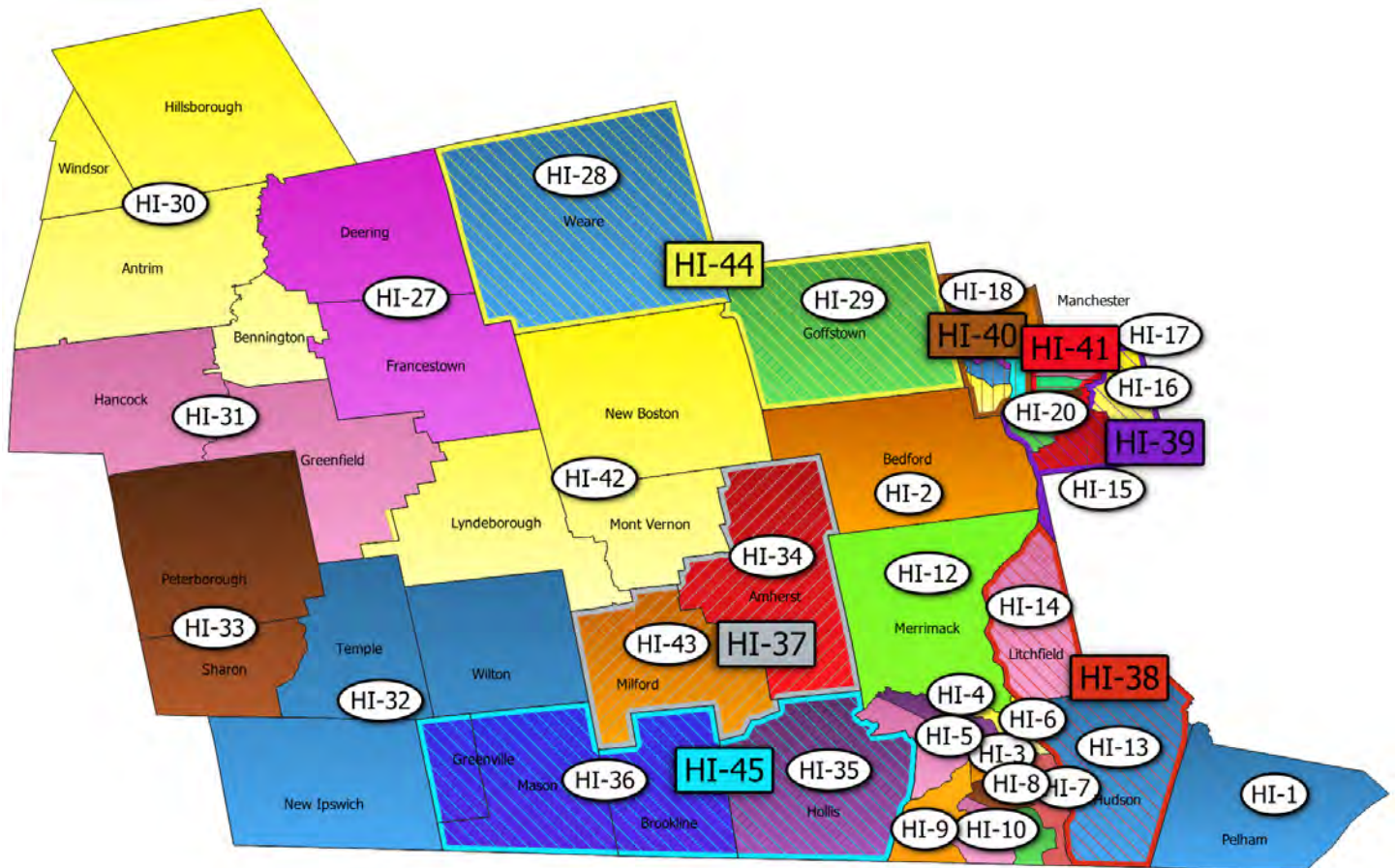




## 7.1. Grafton County Map Districts

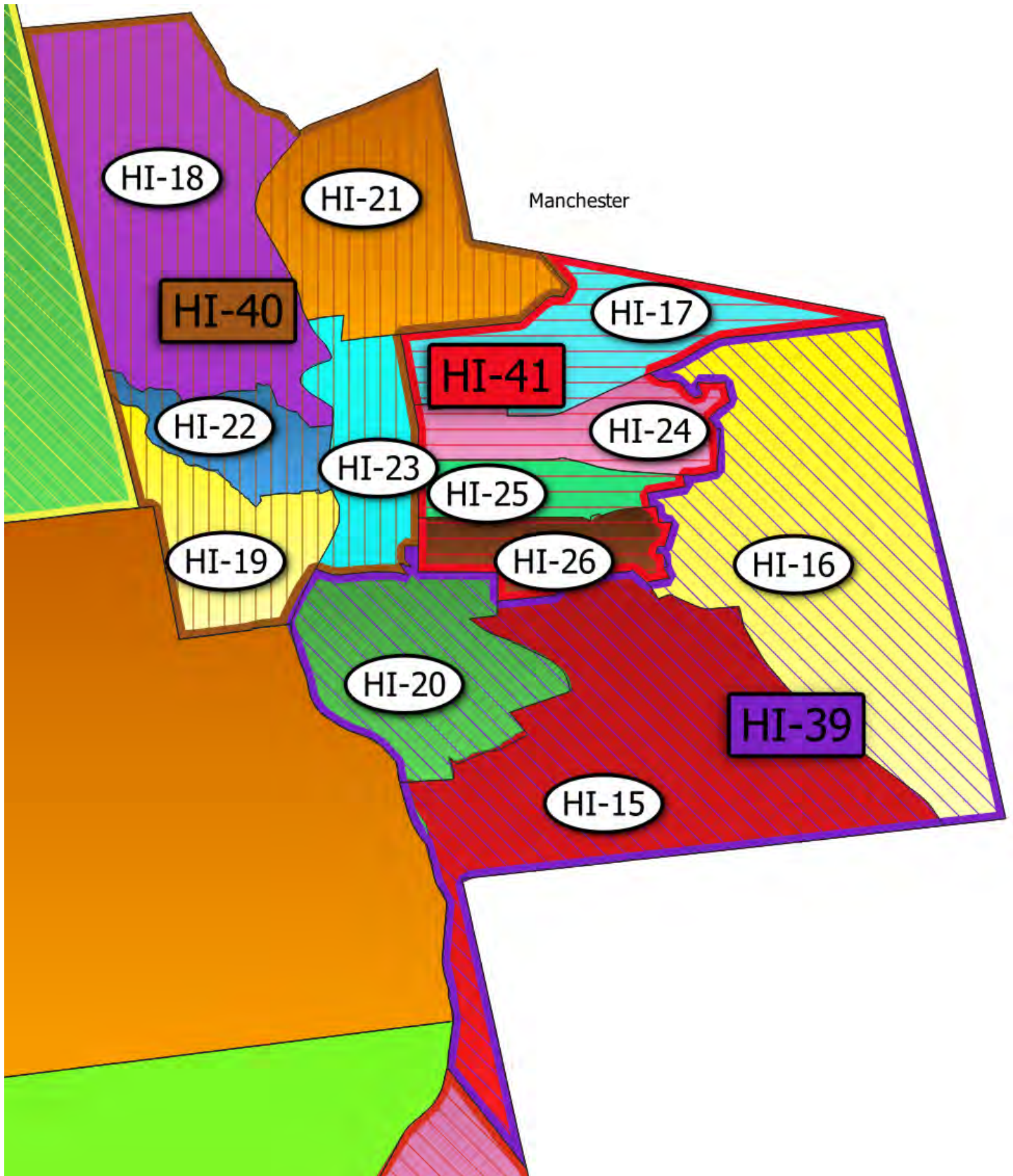
| Grafton County Enacted Map |            |        |            |        |  |             |            |
|----------------------------|------------|--------|------------|--------|--|-------------|------------|
| District                   | Population | # Reps | F District | F Reps | Towns/Wards  | % Deviation | Violations |
| GR-1                       | 10,799     | 3      |            |        | Bath, Lisbon, Littleton, Lyman, Monroe, Sugar Hill | 4.53%       | Littleton  |
| GR-2                       | 3,567      | 1      |            |        | Bethlehem, Franconia                               | 3.58%       |            |
| GR-3                       | 3,359      | 1      |            |        | Easton, Lincoln, Livermore, Woodstock              | -2.46%      |            |
| GR-4                       | 3,309      | 1      |            |        | Ellsworth, Thorton, Waterville Valley              | -3.91%      |            |
| GR-5                       | 6,999      | 2      |            |        | Benton, Haverhill, Landaff, Piermont, Warren       | 1.62%       | Haverhill  |
| GR-6                       | 3,580      | 1      |            |        | Orford, Rumney, Wentworth                          | 3.95%       |            |
| GR-7                       | 3,343      | 1      |            |        | Campton  | -2.93%      |            |
| GR-8                       | 10,624     | 3      |            |        | Ashland, Holderness, Plymouth                      | 2.83%       | Plymouth   |
| GR-9                       | 4,410      | 1      | GR-18      | 1      | Canaan, Dorchester, Orange                         | 2.45%       | Canaan     |
| GR-10                      | 4,404      | 1      |            |        | Bridgewater, Bristol                               | 2.33%       |            |
| GR-11                      | 4,362      | 1      |            |        | Alexandria, Grafton, Groton, Hebron                | 1.55%       |            |
| GR-16                      | 4,465      | 1      |            |        | Enfield  | 3.47%       |            |
| GR-12                      | 13,615     | 4      |            |        | Hanover, Lyme                                      | -1.16%      | Hanover    |
| GR-13                      | 4,762      | 1      | GR-17      | 1      | Lebanon Ward 1                                     | 3.70%       |            |
| GR-14                      | 4,734      | 1      |            |        | Lebanon Ward 2                                     | 3.24%       |            |
| GR-15                      | 4,786      | 1      |            |        | Lebanon Ward 3                                     | 4.09%       |            |
| Total                      | 91,118     |        | 26         |        |  | 8.44%       | 5          |

## 8. Hillsborough County Map

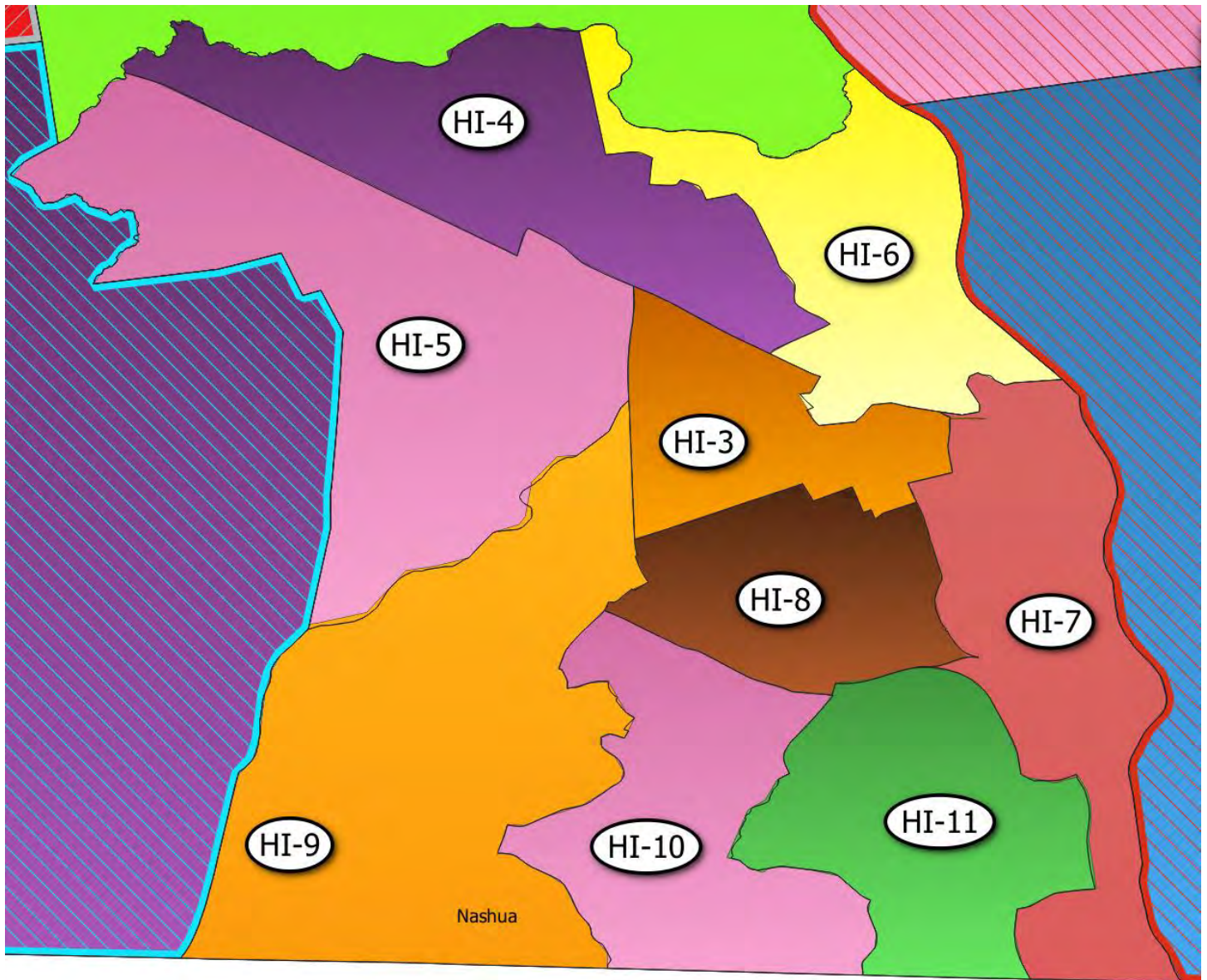




8.1. Manchester Zoomed in Map



## 8.2. Nashua Zoomed in Map

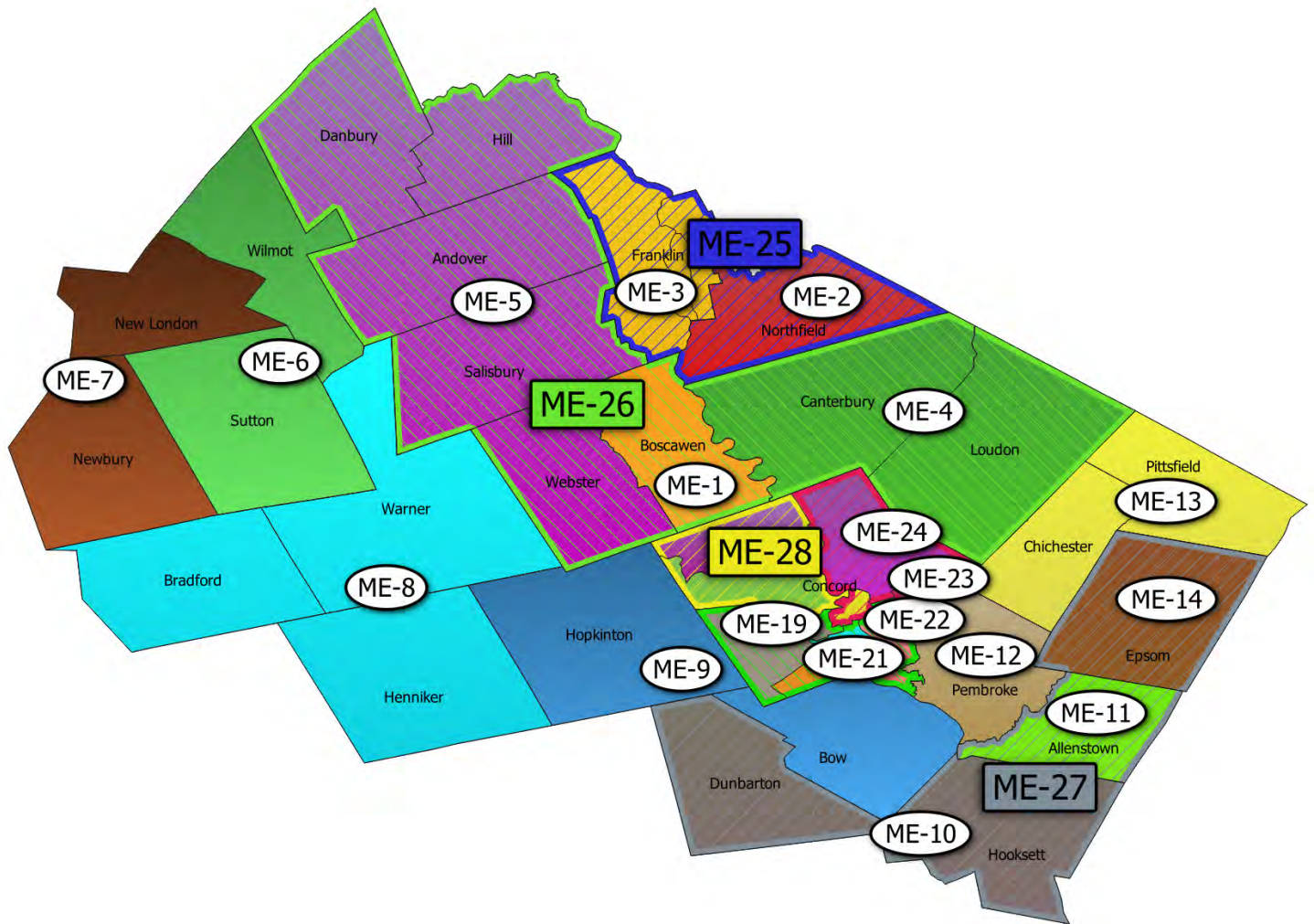


### 8.3. Hillsborough County Map Districts

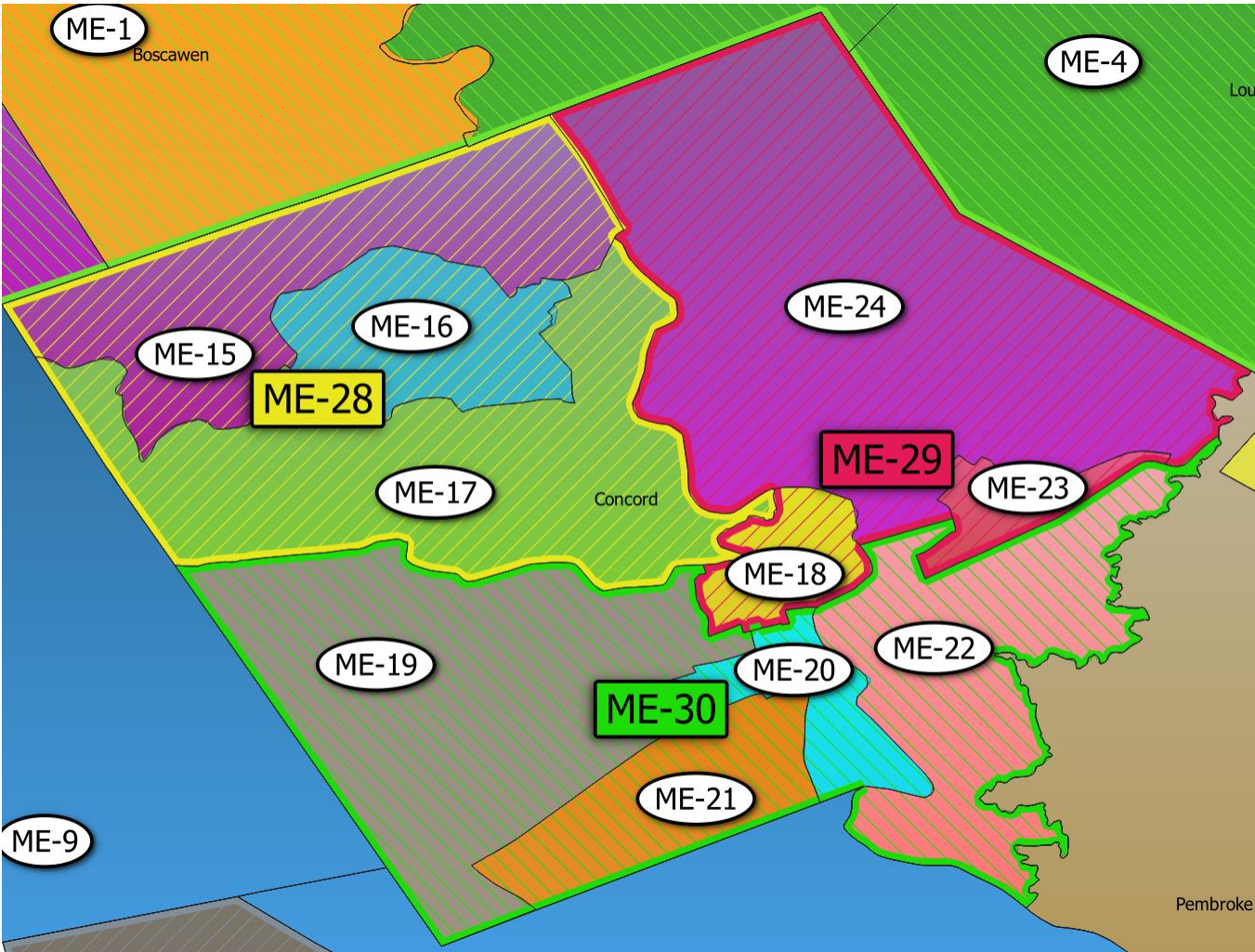
| Hillsborough County Enacted Map |            |        |            |        |   |             |                     |
|---------------------------------|------------|--------|------------|--------|---|-------------|---------------------|
| District                        | Population | # Reps | F District | F Reps | Towns/Wards                               | % Deviation | Violations          |
| HI-1                            | 14,222     | 4      |            |        | Pelham                                    | 3.24%       |                     |
| HI-2                            | 23,322     | 7      |            |        | Bedford                                   | -3.26%      |                     |
| HI-3                            | 10,074     | 3      |            |        | Nashua Ward 4                             | -2.49%      |                     |
| HI-4                            | 10,348     | 3      |            |        | Nashua Ward 2                             | 0.16%       |                     |
| HI-5                            | 10,119     | 3      |            |        | Nashua Ward 1                             | -2.06%      |                     |
| HI-6                            | 9,869      | 3      |            |        | Nashua Ward 3                             | -4.48%      |                     |
| HI-7                            | 9,820      | 3      |            |        | Nashua Ward 7                             | -4.95%      |                     |
| HI-8                            | 9,853      | 3      |            |        | Nashua Ward 6                             | -4.63%      |                     |
| HI-9                            | 10,603     | 3      |            |        | Nashua Ward 5                             | 2.63%       |                     |
| HI-10                           | 10,369     | 3      |            |        | Nashua Ward 9                             | 0.36%       |                     |
| HI-11                           | 10,267     | 3      |            |        | Nashua Ward 8                             | -0.62%      |                     |
| HI-12                           | 26,632     | 8      |            |        | Merrimack                                 | -3.33%      |                     |
| HI-13                           | 25,394     | 6      | HI-38      | 2      | Hudson                                    | -1.68%      |                     |
| HI-14                           | 8,478      | 2      |            |        | Litchfield                                | -1.55%      |                     |
| HI-15                           | 9,622      | 2      | HI-39      | 2      | Manchester Ward 8                         | 4.76%       |                     |
| HI-16                           | 9,603      | 2      |            |        | Manchester Ward 6                         | 4.61%       |                     |
| HI-20                           | 9,627      | 2      |            |        | Manchester Ward 9                         | 4.80%       |                     |
| HI-17                           | 9,657      | 2      | HI-41      | 3      | Manchester Ward 2                         | 1.93%       |                     |
| HI-24                           | 9,643      | 2      |            |        | Manchester Ward 4                         | 1.82%       |                     |
| HI-25                           | 9,631      | 2      |            |        | Manchester Ward 5                         | 1.73%       |                     |
| HI-26                           | 9,644      | 2      |            |        | Manchester Ward 7                         | 1.83%       |                     |
| HI-18                           | 9,637      | 2      | HI-40      | 4      | Manchester Ward 12                        | -0.04%      |                     |
| HI-19                           | 9,608      | 2      |            |        | Manchester Ward 10                        | -0.26%      |                     |
| HI-21                           | 9,696      | 2      |            |        | Manchester Ward 1                         | 0.40%       |                     |
| HI-22                           | 9,665      | 2      |            |        | Manchester Ward 11                        | 0.17%       |                     |
| HI-23                           | 9,611      | 2      |            |        | Manchester Ward 3                         | -0.23%      |                     |
| HI-27                           | 3,523      | 1      |            |        | Deering, Francestown                      | 2.30%       |                     |
| HI-28                           | 9,092      | 2      | HI-44      | 2      | Weare                                     | -0.64%      |                     |
| HI-29                           | 18,577     | 4      |            |        | Goffstown                                 | 0.96%       |                     |
| HI-30                           | 10,344     | 3      |            |        | Antrim, Bennington, Hillsborough, Windsor | 0.12%       | Hillsborough        |
| HI-31                           | 3,447      | 1      |            |        | Greenfield, Hancock                       | 0.09%       |                     |
| HI-32                           | 10,482     | 3      |            |        | New Ipswich, Temple, Wilton               | 1.46%       | New Ipswich, Wilton |
| HI-33                           | 6,777      | 2      |            |        | Peterborough, Sharon                      | -1.61%      | Peterborough        |
| HI-34                           | 11,753     | 3      | HI-37      | 1      | Amherst                                   | -0.25%      |                     |
| HI-43                           | 16,131     | 4      |            |        | Milford                                   | 2.31%       |                     |
| HI-35                           | 8,342      | 2      | HI-45      | 1      | Hollis                                    | -2.30%      |                     |
| HI-36                           | 9,061      | 2      |            |        | Brookline, Greenville, Mason              | 4.38%       | Brookline           |
| HI-42                           | 10,394     | 3      |            |        | Lyndeborough, Mont Vernon, New Boston     | 0.61%       | New Boston          |
| Total                           | 422,937    |        | 123        |        |   | 9.75%       | 6                   |



## 9. Merrimack County Map



9.1. Concord Zoomed in Map

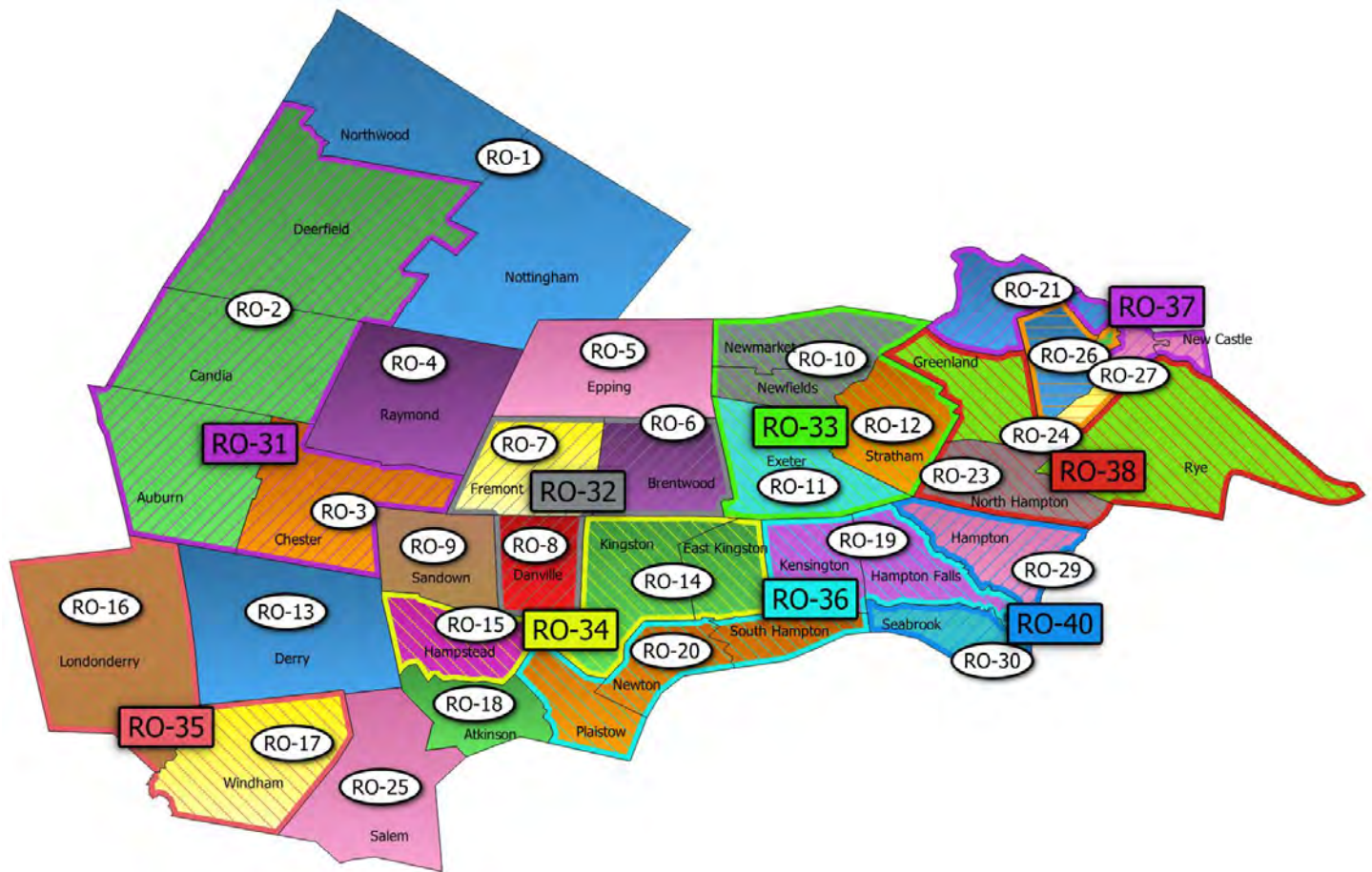


## 9.2. Merrimack County Map Districts

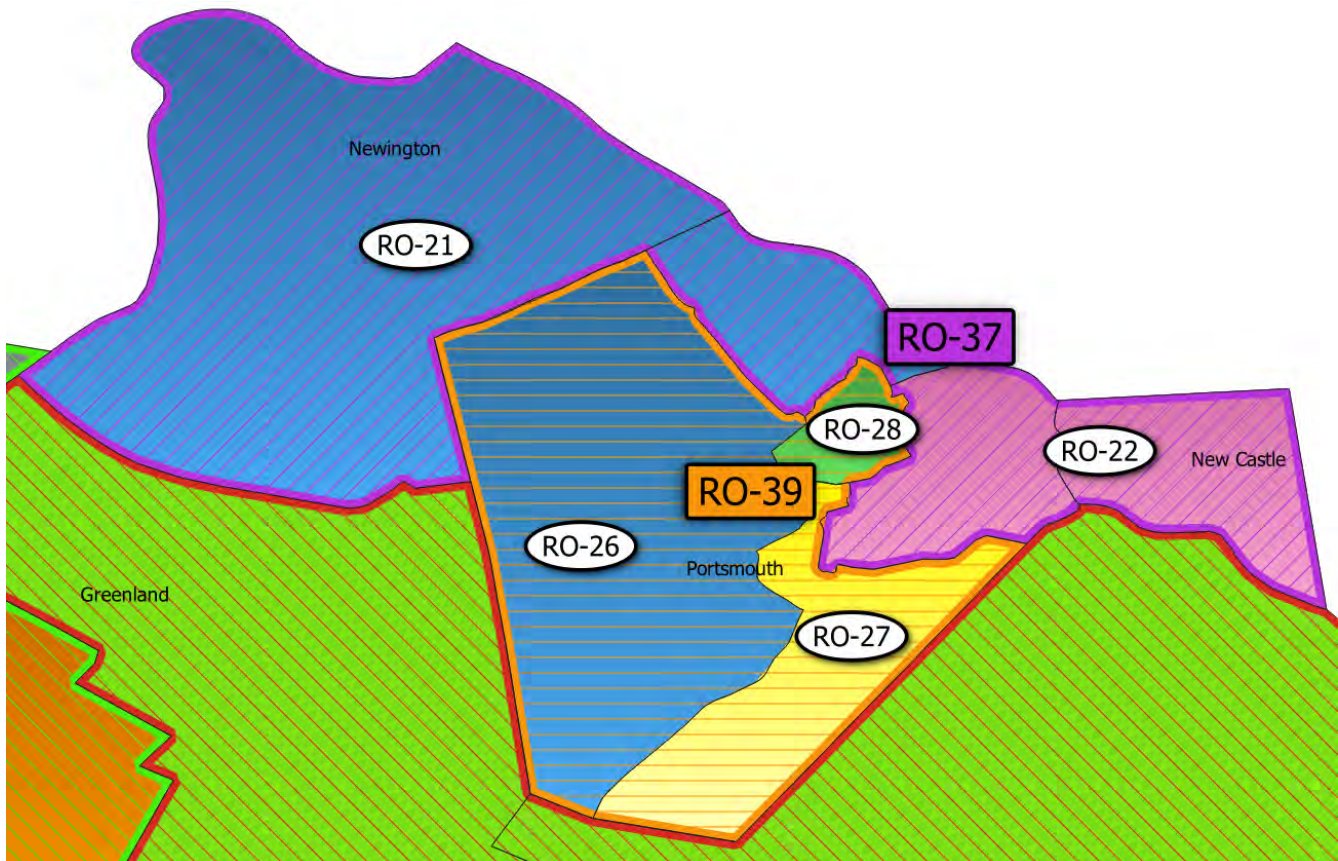
| Merrimack County Enacted Map |            |        |            |        |  |             |                |
|------------------------------|------------|--------|------------|--------|--|-------------|----------------|
| District                     | Population | # Reps | F District | F Reps | Towns/Wards                                | % Deviation | Violations     |
| ME-1                         | 3,998      | 1      | ME-26      | 1      | Boscawen                                   | -3.27%      |                |
| ME-4                         | 7,965      | 2      |            |        | Canterbury, Loudon                         | -3.58%      | Loudon         |
| ME-5                         | 8,008      | 2      |            |        | Andover, Danbury, Hill, Salisbury, Webster | -3.15%      |                |
| ME-2                         | 4,872      | 1      | ME-25      | 1      | Northfield                                 | 4.18%       |                |
| ME-3                         | 8,741      | 2      |            |        | Franklin Wards 1-3                         | -3.93%      |                |
| ME-6                         | 3,385      | 1      |            |        | Sutton, Wilmot                             | -1.71%      |                |
| ME-7                         | 6,572      | 2      |            |        | New London, Newbury                        | -4.58%      | New London     |
| ME-8                         | 10,784     | 3      |            |        | Bradford, Henniker, Warner                 | 4.38%       | Henniker       |
| ME-9                         | 14,143     | 4      |            |        | Bow, Hopkinton                             | 2.67%       | Bow, Hopkinton |
| ME-10                        | 17,876     | 4      | ME-27      | 2      | Dunbarton, Hooksett                        | -2.14%      | Hooksett       |
| ME-11                        | 4,707      | 1      |            |        | Allenstown                                 | 1.74%       |                |
| ME-14                        | 4,834      | 1      |            |        | Epsom                                      | 3.77%       |                |
| ME-12                        | 7,207      | 2      |            |        | Pembroke                                   | 4.64%       |                |
| ME-13                        | 6,740      | 2      |            |        | Chichester, Pittsfield                     | -2.14%      | Pittsfield     |
| ME-15                        | 4,452      | 1      | ME-28      | 1      | Concord Ward 1                             | -2.73%      |                |
| ME-16                        | 4,567      | 1      |            |        | Concord Ward 2                             | -0.85%      |                |
| ME-17                        | 4,512      | 1      |            |        | Concord Ward 3                             | -1.75%      |                |
| ME-18                        | 4,398      | 1      | ME-29      | 1      | Concord Ward 4                             | -3.92%      |                |
| ME-23                        | 4,543      | 1      |            |        | Concord Ward 9                             | -1.55%      |                |
| ME-24                        | 4,421      | 1      |            |        | Concord Ward 10                            | -3.54%      |                |
| ME-19                        | 4,338      | 1      | ME-30      | 1      | Concord Ward 5                             | 0.46%       |                |
| ME-20                        | 4,231      | 1      |            |        | Concord Ward 6                             | -1.53%      |                |
| ME-21                        | 4,310      | 1      |            |        | Concord Ward 7                             | -0.06%      |                |
| ME-22                        | 4,204      | 1      |            |        | Concord Ward 8                             | -2.03%      |                |
| Total                        | 153,808    | 45     |            |        |  | 9.22%       | 7              |



## 10. Rockingham County Map



### 10.1. Portsmouth Zoomed in Map

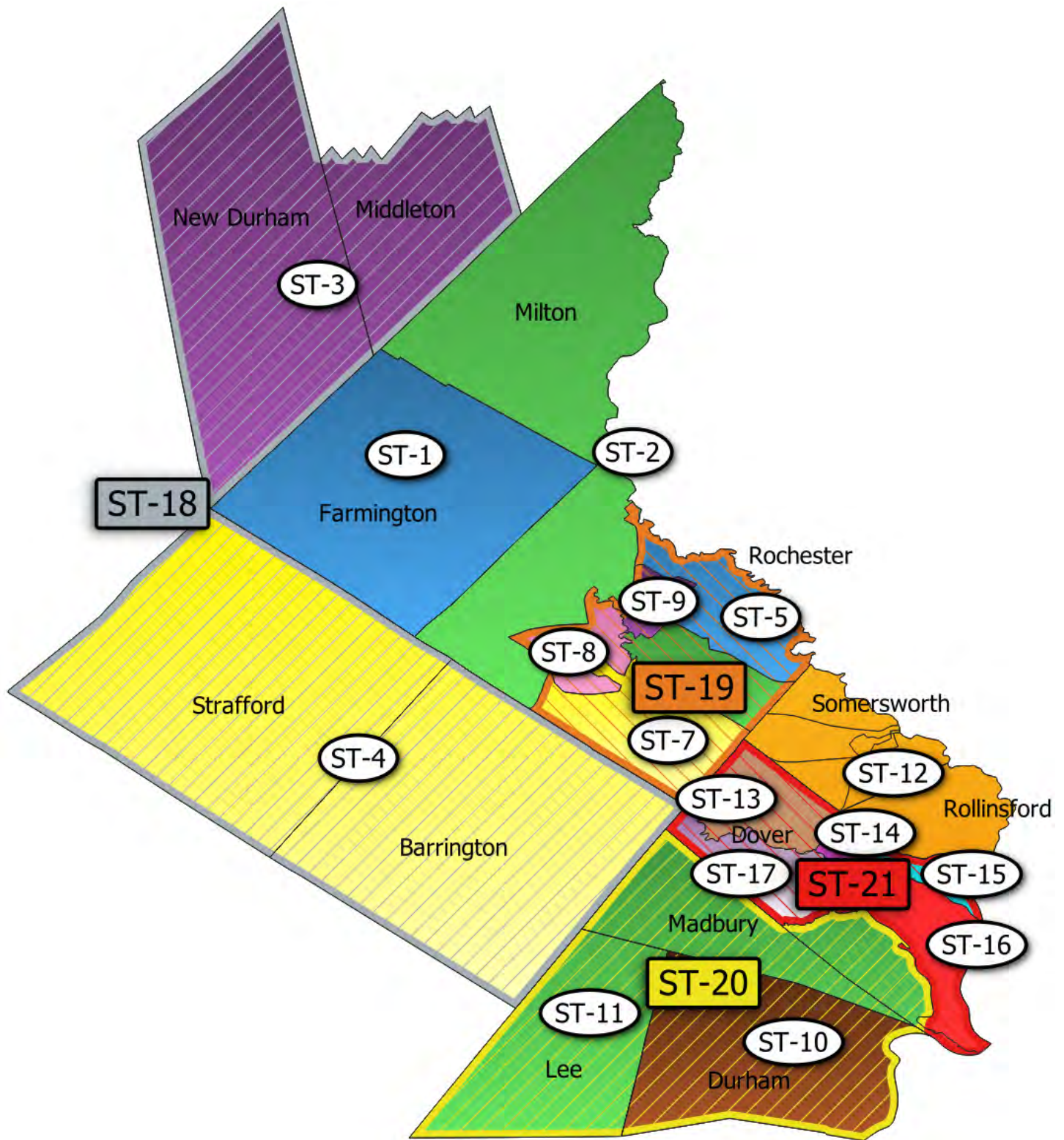


## 10.2. Rockingham County Map Districts

| Rockingham County Enacted Map |            |        |            |        |                               |             |                           |
|-------------------------------|------------|--------|------------|--------|-------------------------------|-------------|---------------------------|
| District                      | Population | # Reps | F District | F Reps | Towns/Wards                   | % Deviation | Violations                |
| RO-1                          | 9,870      | 3      | RO-31      | 2      | Northwood, Nottingham         | -4.47%      | Northwood, Nottingham     |
| RO-2                          | 14,814     | 3      |            |        | Auburn, Candia, Deerfield     | -3.94%      | Auburn, Candia, Deerfield |
| RO-3                          | 5,232      | 1      |            |        | Chester                       | -0.18%      |                           |
| RO-4                          | 10,684     | 3      |            |        | Raymond                       | 3.41%       |                           |
| RO-5                          | 7,125      | 2      |            |        | Epping                        | 3.45%       |                           |
| RO-6                          | 4,490      | 1      | RO-32      | 1      | Brentwood                     | -1.92%      |                           |
| RO-7                          | 4,739      | 1      |            |        | Fremont                       | 2.12%       |                           |
| RO-8                          | 4,408      | 1      |            |        | Danville                      | -3.27%      |                           |
| RO-9                          | 6,548      | 2      |            |        | Sandown                       | -4.93%      |                           |
| RO-10                         | 11,199     | 3      | RO-33      | 1      | Newfields, Newmarket          | -2.07%      | Newmarket                 |
| RO-11                         | 16,049     | 4      |            |        | Exeter                        | 4.50%       |                           |
| RO-12                         | 7,669      | 2      |            |        | Stratham                      | 0.33%       |                           |
| RO-13                         | 34,317     | 10     |            |        | Derry                         | -0.35%      |                           |
| RO-14                         | 8,643      | 2      | RO-34      | 1      | E. Kingston, Kingston         | 0.79%       | Kingston                  |
| RO-15                         | 8,998      | 2      |            |        | Hampstead                     | 4.09%       |                           |
| RO-16                         | 25,826     | 7      | RO-35      | 1      | Londonderry                   | -1.59%      |                           |
| RO-17                         | 15,817     | 4      |            |        | Windham                       | 4.86%       |                           |
| RO-18                         | 7,087      | 2      |            |        | Atkinson                      | 2.89%       |                           |
| RO-19                         | 4,498      | 1      | RO-36      | 1      | Hampton Falls, Kensington     | 4.55%       |                           |
| RO-20                         | 13,544     | 3      |            |        | Newton, Plaistow, S. Hampton  | 4.86%       | Newton, Plaistow          |
| RO-21                         | 5,087      | 1      | RO-37      | 1      | Newington, Portsmouth Ward 1  | -1.08%      | Portsmouth Ward 1         |
| RO-22                         | 5,227      | 1      |            |        | New Castle, Portsmouth Ward 5 | 0.73%       | Portsmouth Ward 5         |
| RO-23                         | 4,538      | 1      | RO-38      | 1      | N. Hampton                    | -0.23%      |                           |
| RO-24                         | 9,610      | 2      |            |        | Greenland, Rye                | 4.15%       | Greenland, Rye            |
| RO-25                         | 30,089     | 9      |            |        | Salem                         | -2.92%      |                           |
| RO-26                         | 4,528      | 1      | RO-39      | 1      | Portsmouth Ward 3             | -1.63%      |                           |
| RO-27                         | 4,376      | 1      |            |        | Portsmouth Ward 4             | -4.12%      |                           |
| RO-28                         | 4,549      | 1      |            |        | Portsmouth Ward 2             | -1.29%      |                           |
| RO-29                         | 16,214     | 4      | RO-40      | 1      | Hampton                       | 1.06%       |                           |
| RO-30                         | 8,401      | 2      |            |        | Seabrook                      | 4.19%       |                           |
| Total                         | 314,176    | 91     |            |        |                               | 9.80%       | 13                        |

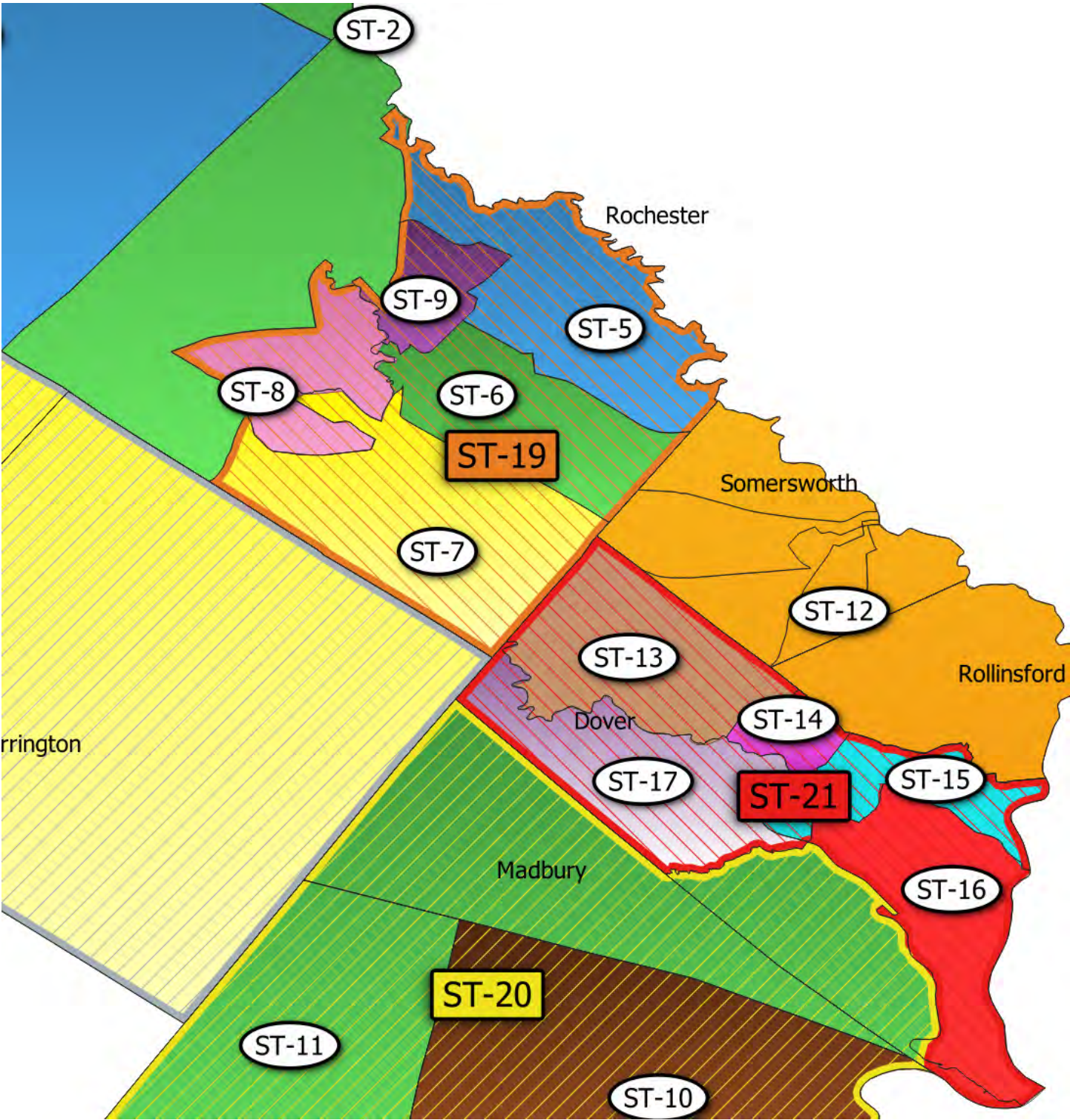


## 11. Strafford County Map





11.1. Dover/Rochester Zoomed in Map

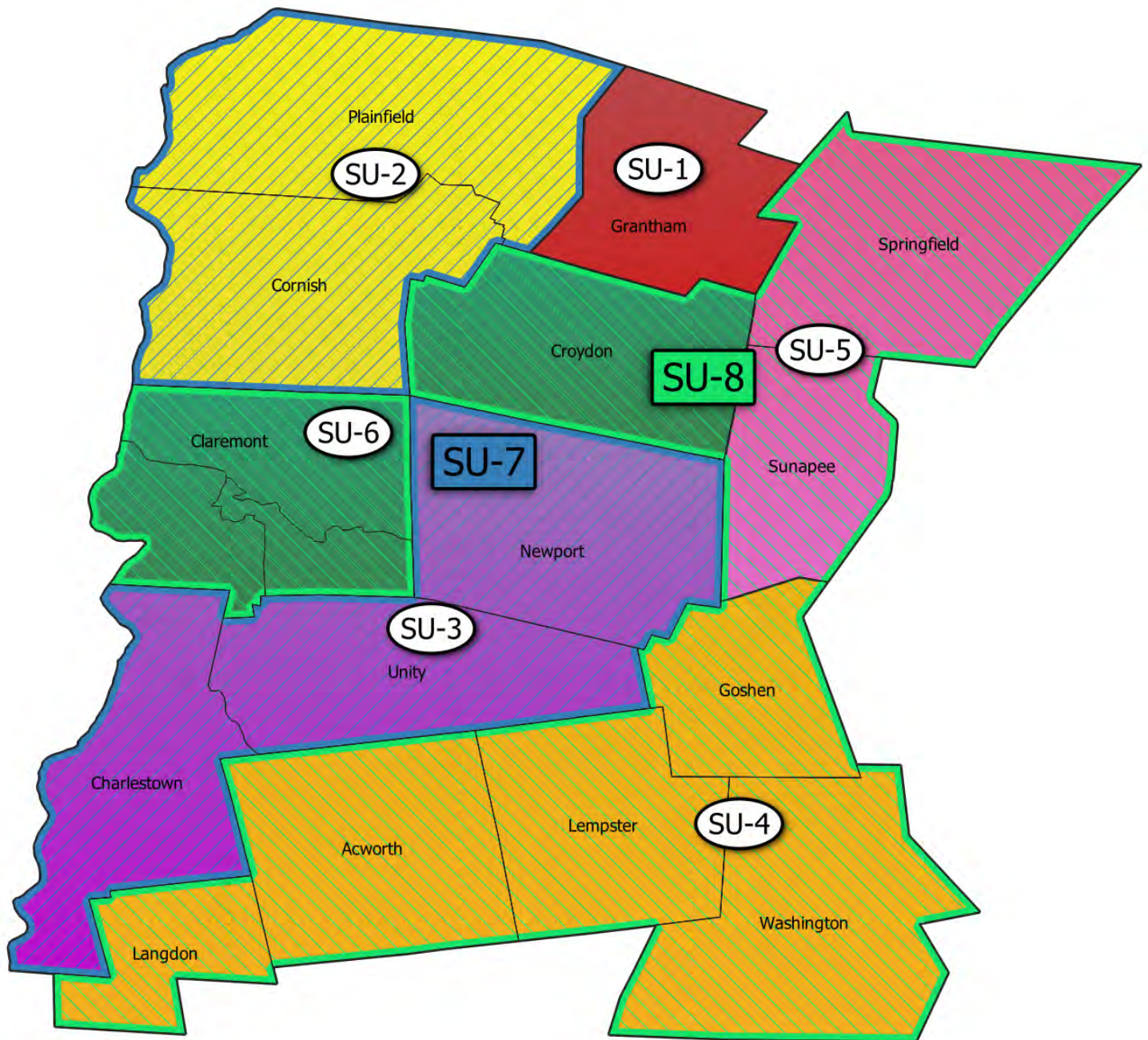


## 11.2. Strafford County Map Districts

| Strafford County Enacted Map |            |        |            |        |                                    |             |                          |
|------------------------------|------------|--------|------------|--------|------------------------------------|-------------|--------------------------|
| District                     | Population | # Reps | F District | F Reps | Towns/Wards                        | % Deviation | Violations               |
| ST-1                         | 6,722      | 2      |            |        | Farmington                         | -2.40%      |                          |
| ST-2                         | 9,901      | 3      |            |        | Milton, Rochester Ward 5           | -4.17%      | Milton, Rochester Ward 5 |
| ST-3                         | 4,516      | 1      | ST-18      | 1      | Middleton, New Durham              | 4.92%       |                          |
| ST-4                         | 13,556     | 3      |            |        | Barrington, Strafford              | 4.97%       | Barrington, Strafford    |
| ST-5                         | 5,387      | 1      | ST-19      | 3      | Rochester Ward 1                   | -2.05%      |                          |
| ST-6                         | 5,388      | 1      |            |        | Rochester Ward 2                   | -2.04%      |                          |
| ST-7                         | 5,390      | 1      |            |        | Rochester Ward 3                   | -2.01%      |                          |
| ST-8                         | 5,498      | 1      |            |        | Rochester Ward 4                   | -0.79%      |                          |
| ST-9                         | 5,410      | 1      |            |        | Rochester Ward 6                   | -1.79%      |                          |
| ST-10                        | 15,490     | 4      | ST-20      | 1      | Durham                             | -1.49%      |                          |
| ST-11                        | 11,877     | 3      |            |        | Dover Ward 4, Lee, Madbury         | 0.43%       | Dover Ward 4, Lee        |
| ST-12                        | 14,452     | 4      |            |        | Rollinsford, Somersworth Wards 1-5 | 4.91%       |                          |
| ST-13                        | 5,501      | 1      | ST-21      | 3      | Dover Ward 6                       | -0.44%      |                          |
| ST-14                        | 5,482      | 1      |            |        | Dover Ward 1                       | -0.66%      |                          |
| ST-15                        | 5,414      | 1      |            |        | Dover Ward 2                       | -1.43%      |                          |
| ST-16                        | 5,409      | 1      |            |        | Dover Ward 3                       | -1.49%      |                          |
| ST-17                        | 5,496      | 1      |            |        | Dover Ward 5                       | -0.50%      |                          |
| Total                        | 130,889    |        | 38         |        |                                    | 9.13%       | 6                        |



## 12. Sullivan County Map



### 12.1. Sullivan County Map Districts

| Sullivan County Enacted Map |            |        |            |        |  |             |  |
|-----------------------------|------------|--------|------------|--------|--|-------------|--|
| District                    | Population | # Reps | F District | F Reps | Towns/Wards                                    | % Deviation | Violations   |
| SU-1                        | 3,404      | 1      |            |        | Grantham                                       | -1.16%      |  |
| SU-2                        | 4,075      | 1      |            |        | Cornish, Plainfield                            | -4.88%      |  |
| SU-3                        | 12,623     | 3      | SU-7       | 1      | Charlestown, Newport, Unity                    | -2.41%      | Charlestown, Newport                                 |
| SU-4                        | 4,610      | 1      |            |        | Acworth, Goshen, Langdon, Lempster, Washington | -4.49%      |  |
| SU-5                        | 4,601      | 1      | SU-8       | 2      | Springfield, Sunapee                           | -4.62%      |  |
| SU-6                        | 13,750     | 3      |            |        | Claremont Wards 1-3, Croydon                   | -4.88%      | Claremont Ward 1, Claremont Ward 2, Claremont Ward 3 |
| Total                       | 43,063     |        | 13         |        |  | 3.73%       | 5  |