

ATTACHMENT C

METHODOLOGY AND MATHEMATICAL DISTRIBUTION

METHODOLOGY:

The United States Census of 2020 determined that the population of Clinton County was 79,843. This figure includes incarcerated individuals within the Correctional Facilities of Clinton Correctional and Altona Correctional. Legislative Law Section 83-m directed the New York State Legislative Task Force on Demographic Research and Reapportionment (AKA LATFOR) to produce a demographic count of incarcerated individuals, which was accomplished through a separate method than what was used by the US Census. The NYS legislature passed amendments to the reapportionment / redistricting laws – Municipal Home Rule law, Chapter 36-A, Article 2, Section 10 of the General powers of local governments to adopt and amend local laws on October 29, 2021- that required all Counties in New York to utilize this alternate data for counting incarcerated individuals. This method moves New York State incarcerated individuals for redistricting / enumeration purposes back to their last known addresses prior to incarceration, and removed Federally incarcerated individuals from the Clinton County population count altogether.

Clinton County has chosen to utilize Ten Legislative Districts with the County, each with one single elected representative.

The NYS redistricting law (cited above) states under Section 10, paragraph 13, a, i:

“If such plan of districting or redistricting includes only single-member districts, such districts shall be as nearly equal in population as is practicable; the difference in population between the most and least populous district shall not exceed five percent of the mean population of all districts. If such plan of districting or redistricting includes multi-member districts, the plan shall provide substantially equal weight for the population of that local government in the allocation of representation in the local legislative body”

Therefore, for 10 Legislative Districts, and a total population of 77,521 total population (LATFOR data):

NYS LATFOR CLINTON COUNTY POPULATION: 77,521

For 10 legislative districts, there would be a 7,752 average population for each district ideally, with a maximum spread of 5% between the highest and lowest populated district. To achieve this, 7,941 and 7,563 were utilized as the maximum population range variation between districts in the County Redistricting process. The LATFOR tabular population data provided for census blocks was linked in ESRI Arcmap Geographic Information Software (GIS) to the 2020 US Census block data, and populations for legislative districts could be determined with this dataset in GIS.

$7941 - 7563 = 378$ maximum variation between districts.

$378 / 7,564 = .0499$ or 4.99% variation between the highest and lowest district, and 2.44% from the mean population of 7,752 per district.

Legislative Districts must therefore fall between 7,941 and 7,563 to be in conformance.

Results of the redistricting boundary locations on the population for each legislative district are shown in the table below:

LEGISLATIVE DISTRICT	MUNICIPALITIES	POPULATION
1	Champlain Town Rouses Point Village Champlain Village Moers Town (Part)	7,623
2	Clinton Town Ellenburg Town Dannemora Town (excludes Village) Altona Town Moers Town (Part)	7,579
3	Chazy Town Beekmantown Town (Part)	7,932
4	Plattsburgh Town (Part) Beekmantown Town (Part)	7,802
5	Schuyler Falls Town Plattsburgh Town (Part) Peru Town (Part)	7,851
6	Saranac Town Dannemora Village Black Brook Town Plattsburgh Town (Part)	7,774
7	Peru Town (Part) Ausable Town	7,938
8	City of Plattsburgh (Part) Plattsburgh Town (Part)	7,566
9	City of Plattsburgh (Part)	7,875
10	City of Plattsburgh (Part)	7,581
TOTAL		77,521