

2010 Census Reprecincting Committee

June 2, 2011

Final Mapping Protocol

A number of census blocks appear to be located in unpopulated areas because of errors in geocoding. These are a result of an increase from 459 blocks in 2000 to 680 in 2010 (+221) to cover all map-able areas, including parks and open space. Town Clerk Pat Ward has requested clarification from the Population Estimates Program, Economic and Public Policy Research Unit at the UMass Donahue Institute. We do have a population comparison 2009 – 2010 from the state that may help. However, we have no official clarification to date, and we must proceed with redrawing lines by the deadline.

IT has prepared a map with Brookline Assessor’s housing unit count overlaid onto census blocks. We have prepared an analysis using census housing units compared to Assessor’s units. Fortunately, only seven of the anomalous blocks have populations.

ID	PRECINCT	Total Population	Housing Units	Occupied Housing Units	Vacant Housing Units	Percent Vacant	Median Anomalies
4001004024	1	59	39	37	2	5.13%	0
4002002013	10	20	8	8	0	0.00%	0
4002002015	10	30	9	9	0	0.00%	0
4002002016	10	195	148	144	4	2.70%	0
4004002001	11	342	303	270	33	10.89%	0
4006001017	13	21	22	18	4	18.18%	0

- There are 59 people in one block located over the MBTA tracks between Hawes St & Carleton St. The ratio of housing units/population suggests that the block belongs on the north side of Beacon St. Since that block is in the center of Pct. 1, it seems safe to count them there.
- There are 3 blocks with a total of 245 people located in the Beacon St. median between St. Paul St. and Pleasant St on the border between Pct. 2 & 10. Because there are no housing units on the south side of Beacon at block 4002002016, and the Pelham Hall apartment building is on the north side at the corner of Pleasant, it seems safe to locate that block with 195 people on the north side. Block 2015 with 30 people seems to be on the north side. Based on information from the state, it appears that block 2013 with 20 people should be located on the south side. The housing unit data is less clear for those two blocks.
- There is one block with 342 people/303 housing units located in the Beacon St. median between Marion St. and Westbourne Ter. A comparison of total housing units and population suggests that the block should be located on the north side of Beacon St. and counted in Pct. 11’s present boundary. This location would also address the unexplained population shift of about 500 people from Pct. 11 to Pct. 10 between 2000 and 2010.
- There are two blocks with 43 people/34 housing units located in the Beacon St. median between Williston Rd. and Corey Rd. The Assessor shows 45 more housing units than the census on the north side, which suggests that the blocks belong there, adding the population to Pct. 13.

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Guidelines

Guidelines for drawing precinct lines: “The great principle...is equality of representation among all the voters of the Commonwealth.”

Precinct Population = 3671 (+/- 3-5%)

• Plus 3%	3780
• Plus 5%	3854
• Minus 3%	3561
• Minus 5%	3488

Compact and contiguous districts **MUST** contain roughly equal numbers of residents, **NOT** registered voters. **MUST** use US census numbers. **Must NOT** divide census blocks.

Boundaries must follow streets, natural boundaries such as streams, RR tracks, power lines, or clearly visible geographic features.

MUST be respectful of communities of interest, for example:

- Ethnicity
- Race
- Religious
- School community
- Neighborhood association

Must NOT dilute or fragment minority groups. **Must NOT** pack high proportion of minorities into one district.

Create a spreadsheet data-set using the format provided.

Email the data-set to Tech Subcommittee Chair Neil Wishinsky, who will transmit the set to IT staff to be mapped.

Maps will be posted as *Name* DRAFT version 1, etc. to the committee website [brooklinereprecincting](http://brooklinereprecincting.com) for viewing by members.

After reviewing and making corrections, maps will be posted as *Name* FINALDRAFT for the next committee meeting.

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