

NOTES OF MASSACHUSETTS MERGING

KYLE DROPP

1. OVERVIEW

Note: the Massachusetts file contains actual 2008 voter registration counts . Precinct level vote totals were unavailable.

The Census VTD file (“ma_geo.csv”) is a near perfect match with the voter registration file (“ma_steve.csv”). 2152 out of 2165 VTDs were matched with precinct registration total. In most cases, these precincts were labelled “Voting districts not defined.” In the registration file, 2151 out of 2152 precincts were matched with a Census VTD.

2. FILES

- “ma_geo_merge.csv” - Dimensions 2165 by 39. This is the Census voting file with voter registration totals merged. There are six rows where the precinct vote total is higher than the precinct’s population.
- “ma_vote_merge.csv” - Dimensions 2152 by 39. This is the voter registration file with merged Census voting districts.

3. VARIABLE NAMES

- ma_geo.id - row identifier from raw Census VTD file
- ma_vote.id - row identifier from raw vote total file
- Cty.VTD - county and voting district code, separated by a period
- STATEFP10 - state code from census
- COUNTYFP10 - county code from census
- VTDST10 - voting district code from census
- GEOID10 - geo identifier from census
- VTDI10 - voting code from census
- Name10 - voting district string
- NameLSAD10 - voting district string, with “voting district” at end
- ALAND10 - land
- AWATER10 - water
- INTPLAT10 - latitude
- INTPTLON10 - longitude
- RecordNo - Census code for identifying voting districts
- LogRecNo - unique record number from Census block level files
- County - county from vote total file

- VTD - VTD from vote total file
- Name - name of precinct from vote total file
- precinct_code - name of precinct from vote total file
- town - name of township from vote total file
- prec_number - number of precinct from vote total file
- Democrat - Democratic registrants
- Green - Green registrants
- Independent - Independent registrants
- Libertarian - Libertarian registrants
- NPA - NPA registrants
- Other - other registrants
- Reform - Reform registrants
- Republican - Republican registrants
- Unknown - Unknown registrants
- Total - Total registrants
- dem_pct - Democratic two party percent
- VAP - voting age population from Census FTP
- Pop100 - full population from Census FTP

4. REVISIONS TO RAW DATASET

- boston 1-14 - allocated to two census vtds (1-14 and 1-15)
- chicopee cn and cs summed for one vtd
- chicopee 3 ae and 3 aw summed for one vtd
- chicopee 6an and 6as summed for one vtd
- havehill 3 and 3a summed for one vtd
- Newburyport 1 and P summed for one vtd
- peabody 4 3 and 4 3a summed for one vtd
- tewksbury has four in vote total and eight in VTD