

Metadata for spatial datasets associated with dataset HF420
“Land Conservation and Human Demographics by Census Tract in New England 2014-2018”

These files are spatial datasets used in the creation of the HF dataset “Land Conservation and Human Demographics by Census Tract in New England 2014-2018.” Most of these are not publicly available or would require multiple steps to recreate from publicly available data. The intent of sharing these datasets with the main data table is to provide transparency and reproducibility.

Spatial information

These datasets are in Albers Equal Area USGS projection and cover the New England area (same coordinates and elevation as the CSV).

Dataset types and descriptions

Shapefiles (multiple files with same name and extensions .shp, .dbf, .cpg, .prj, .sbn, .shx, .sbx, .xml) representing the buffered and unbuffered census tract boundaries.

Buffered census tracts contain the buffer distance in the file name and were clipped to the New England boundaries after buffering:

- tracts2018
- tracts2018_1km_clip
- tracts2018_2km_clip
- tracts2018_10km_clip
- tracts2018_25km_clip

GeoTIFF rasters (multiple files with same name and extension .tif, .tfw, .tif.aux, .tif.ovr, .tif.vat, .xml) representing undeveloped and unprotected land in 1990 and 2016:

- undev_unprot_1990
- undev_unprot_2016ish

For complete methods on how these datasets were used in analysis, see metadata associated with Land Conservation and Human Demographics (2014-2018) in New England by Census Tract. See also: Sims, K.R.E., Lee, L.G., Estrella-Luna, N., Lurie, M., and Thompson, J.R. 2022. Environmental justice criteria for new land protection can inform efforts to address disparities in access to nearby open space.

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