

## Readme: 2020 TIGER/Line Shapefiles

August 11, 2021

These geographic files were originally published by the U. S. Census Bureau as part of the 2020 TIGER/Line Shapefiles and the 2020 Census Redistricting Data (P.L. 94-171) Shapefiles. The Washington State Office of Financial Management made a number of adjustments to the files to make them more accessible to Washington residents:

- Renamed the files to be consistent with other OFM geographic data products.
- Reprojected the files to the state standard projection and coordinate system: NAD 1983 HARN StatePlane Washington South FIPS 4602 (US Feet).
- Sorted the files on geographic id or its equivalent.
- Added a COUNTYNAME variable to all files containing a county FIPS code (COUNTYFP).
- Removed fields where all values were null or not applicable to Washington State.
- Removed the '20' suffix from all variables names with the exception of GEOID20.
- Converted the following fields from text to numeric: ALAND, AWATER, INTPTLAT, INTPTLON.
- Added inside feature centroids as X and Y coordinates in the state standard projection and coordinate system (XCOORD, YCOORD).
- Added square miles for land and square miles for water (ALANDMI, AWATERMI).
- Created county part files for specific geographies (cd2012, city20, place20, sldu2012, uga20, unsd20, zcta520). The county part file names are suffixed with the letter 'p'.
  - Added a PARTFLG variable to denote split features (Y = true, N = false).
  - Updated the GEOID20 variable by adding the county FIPS code to the theme's original geographic identifier.
  - Updated the coordinates (INTPTLAT, INTPTLON, XCOORD, YCOORD) for the split features to reflect changes in geometry.
  - Updated the area information (ALAND, AWATER, ALANDMI, AWATERMI) for the split features to reflect changes in geometry.
- The roads20 layer was created from the edges layer and contains the most inclusive address ranges but are of limited use for geocoding.
- The addr20 layer (address range feature layer) contains all addresses ranges and is best suited for geocoding.
- Combined county-based geographies into state based geographies (addr20, roads20, water20).
- Added two state-specific variables (ESD: Education service district identifier and CCDDD: Washington state school district code) to the school district layers (unsd20 and unsd20p).
- The UGA layer contains urban areas in Klickitat and Skamania counties that fall under federal National Scenic Area regulation. These two counties are not planning under the Washington Growth Management Act.

OFM did not make any changes to the TIGER metadata but certain conditions apply:

- The metadata for the county part files (cd2012p, city20p, place20p, sldu2012p, uga20p, urban20p, unsd20p, zcta520p) are copies of the source metadata.
- The metadata for cdp20, city20, city20p are copies of the place20 metadata.

- The metadata for addr20, roads20, water20 are copies of the Adams County metadata.

For more information, please see the technical documentation: <https://www.census.gov/programs-surveys/geography/technical-documentation/complete-technical-documentation/tiger-geo-line.html>.