

Layer Name: 2020 Zip Code Tabulation Areas (ZCTAs)  
File Name: zcta20  
Layer Type: Polygon  
Status: Complete  
Geog. Extent: Main Hawaiian Islands  
Projection: Universal Trans Mercator, Zone 4 (Meters), NAD 83 HARN

*Please note - if you download data from the State's geoportal (<https://geoportal.hawaii.gov/>), the data is exported in WGS84 coordinates, although it is stored internally (in the State's geodatabase), served in the State's web services (<https://geodata.hawaii.gov/arcgis/rest/services>) and made available in the State's legacy download site (<https://planning.hawaii.gov/gis/download-gis-data-expanded/>) in UTM / NAD 83 coordinates.*

Description: 2020 Zip Code Tabulation Areas (ZCTAs)

Source: U.S. Census Bureau (July 2022).

History: Projected from decimal degrees to UTM Zone 4 NAD83 HARN. Removed extraneous fields (e.g., Functional Status Code). Water polygons were removed from the census blocks layer, and that layer was used to clip the remaining 2020 census layers - block groups, census county boundaries, census county divisions, census designated places, census Hawaiian homelands, census tracts and zip code tabulation areas.

GIS Program staff added population data by joining data from 2016-2020 American Community Survey ACSDP5Y2020.DP05 Table. Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, for 2020, the 2020 Census provides the official counts of the population and housing units for the nation, states, counties, cities, and towns. For 2016 to 2019, the Population Estimates Program provides estimates of the population for the nation, states, counties, cities, and towns and intercensal housing unit estimates for the nation, states, and counties.

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value in the tables used is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to non-sampling error (for a discussion of nonsampling variability, ACS Technical Documentation (see <https://www.census.gov/programs-surveys/acs/technical-documentation.html>)). The effect of non-sampling error is not represented in the tables used.

Attributes: Polygons:

|           |   |
|-----------|---|
| ZCTA5CE20 | 2020 Census 5-digit Zip Code Tabulation Area Code             |
| GEOID20   | 2020 Census 5-digit Zip Code Tabulation Area Code             |
| POP20     | Population from the 2016-2020 American Community Survey (ACS) |

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