

Layer Name: 2020 Urban Areas
Shapefile: uac20.shp
Layer Type: Polygon
Status: Complete
Geog. Extent: Main Hawaiian Islands
Projection: Universal Trans Mercator, Zone 4 (Meters), NAD 83
Description: 2020 Census Urban Areas (5,000 or more people or 2,000 or more housing units)

After each decennial census, the Census Bureau delineates urban areas that represent densely developed territory, encompassing residential, commercial, and other nonresidential urban land uses. In general, this territory consists of areas of high population density and urban land use resulting in a representation of the urban footprint. There are 2,646 Urban Areas (UAs) in [the United States] with either a minimum population of 5,000 or a housing unit count of 2,000 units. Each urban area is identified by a 5-character numeric census code that may contain leading zeroes.

Source: U.S. Census Bureau, 2023

Note 1: In 2020, the U.S. Census Bureau updated the definition for Urban Areas for the 1st time in over a century. Each urban area must encompass at least 2,000 housing units or at least 5,000 people. This is a change from the previous minimum of 2,500 people which had been in place since the 1910 Census. They also removed the distinction between “urbanized areas” and “urban clusters.” All qualifying areas are now “urban areas” regardless of population size.

Note 2: The population data for the new Census Urban area geography (released on 12/29/22) are not yet available on data.census.gov, but will be soon. In the meantime, the Hawaii Statewide GIS Program, with the assistance of staff from the [Hawaii State Data Center](https://www.census.gov/programs-surveys/geography/guidance/geo-areas/urban-rural.html) in DBEDT READ, downloaded the current population, population density, and housing unit data for the new urban areas from the following site: <https://www.census.gov/programs-surveys/geography/guidance/geo-areas/urban-rural.html>.

History: Projected from GCS NAD83 Decimal Degrees to UTM Zone 4 NAD83 HARN. Removed extraneous fields (see below); Joined to table found at this link for population and housing data from decennial census: <https://www.census.gov/programs-surveys/geography/guidance/geo-areas/urban-rural.html>).

Deleted the following fields:

LSAD20	Legal/statistical area code (all set to “67” – Urban Area)
MTFCC20	MAF/TIGER feature class code (all set to G3500 – Urban Area)
UATYP20	Urban area type (all set to “U” – Urban Area)
FUNCSTAT20	2020 Census Functional Status (all set to “S” – Statistical Entity)

Attributes on following page

Attributes:	Polygons:	
	UACE20	2020 Census urban area code
	GEOID20	2020 Census Urban area identifier
	NAME20	2020 Census Urban Area Name
	NAMELSAD20	2020 Census Name and the translated legal/statistical area description for urban area
	ALAND20	Land area (square meters)
	AREALANDSQMI	Land area (square miles)
	AWATER20	Water area (square meters)
	AREAWATERSQMI	Water area (square miles)
	POP	2020 Census population of the 2020 Census Urban Area
	HOUSING	2020 Census housing unit count of the 2020 Census Urban Area
	POPDEN	Population density of the 2020 Census Urban Area (square miles)
	INTPTLAT20	2020 latitude of the internal point
	INTPTLONG20	2020 longitude of the internal point
	Shape_Length	Perimeter of the polygon in meters (calculated by the software)
	Shape_Area	Area of the polygons in meters (calculated by the software)

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