

Name: 2020 Social Vulnerability Indicator Count for Coastal Hazards at or above the 75th percentile by Census Block Groups

File Name: vuln_ind_2020_75th_perc_bg

Layer Type: Polygon

Status: Complete

Geog. Extent: State of Hawaii

Projection: Universal Transverse Mercator, Zone 4 (Meters)

Datum: 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.

Source: Hawaii Coastal Zone Management Program (CZMP), August 2025

History: 2020 Social Vulnerability Indicator Count **for sea level rise and other coastal hazards** at or above the 75th percentile by Census Block Groups: The NOAA Coastal Management fellow completed a two-year project in **July 2024** to support Hawai'i CZMP's future work to apply for funding opportunities and to inform equitable policies. Approaching planning for sea level rise and other coastal hazards through an intersectional lens including social, demographic, and economic data, creates an opportunity to create an equitable adaptation process while addressing the social and economic issues communities face. Layer includes 2020 Census data for a Social Vulnerability Indicator count **for sea level rise and other coastal hazards** at or above the 75th percentile at the census block group level.

Note: **The data represented in this layer was based on a literature review which identified social, economic, and demographic data that would create barriers for individuals to prepare for, respond to, and recover from sea level rise and other coastal hazards.** The layer was developed for and in used in the Social Vulnerability and Coastal Hazards tool, found here: <https://storymaps.arcgis.com/stories/d1c1181d2d98404cb09d22ffe4b9892b>. Not all data relevant to sea level rise or other coastal hazards was included as some data sets were either not available for Hawai'i or not available at all. The data indicators present in the census tract or block group boundary are viewed as the result of systems of inequality and not as a characteristic of a community. The results of this layer and the tool referenced above should not be generalized for everyone within the designated boundaries and should only be used to gain a general understanding of the social, economic, and demographic makeup of an area. Further analysis (community outreach, working groups, interviews, etc.) should be used to supplement information that cannot be gathered from the mapping tool and contributing layers. To learn more about how this tool was developed, please refer to the accompanying document, found here: <https://acrobat.adobe.com/id/urn:aaid:sc:va6c2:5f4cd4c8-8e84-479b-9d28-86a501946d96>.

Attributes and Contact information found on next page

Attributes:	Polygons:	
	geoid20:	12-character block group (bg) ID (State – 2 dig, County - 3 dig, Tract – 6 dig, Group – 1 dig)
	aland20:	2020 Census land area in square meters
	awater20:	2020 Census water area in square meters
	pop20:	2020 Census population in the bg
	BG:	12-digit bg ID (State – 2 dig, County - 3 dig, Tract – 6 dig, Group – 1 dig)
	Education:	Percent Population over the age of 25 with no high-school diploma in the bg
	Vehicles:	Percent Households with no access to a vehicle in the bg
	Disability:	Percent Population with a disability in the bg
	Over_65:	Percent Population over the age of 65 in the bg
	Under_5:	Percent Population under the age of 5 in the bg
	Single_Par:	Percent Single Parent Households w/ children under the age of 18 in the bg
	Household:	Percent Households with no internet access or limited internet access and/or no computer in the bg
	Limited_En:	Percent Households that speak "limited English" in the bg
	Built_befo:	Percent Households built before 1970 in the bg
	Housing_Te:	Percent Households that are renter-occupied in the bg
	Industry_A:	Percent Population over the age of 16 employed in nature based or service industries in the bg
	Househol_1:	Percent Population of female householders in the bg
	Hispanic_L:	Percent Population that identifies as Hispanic or Latino in the bg
	Race:	Percent Population that is Native Hawaiian or Pacific Islander in the bg
	Poverty:	Percent Population for whom poverty status is determined in the bg
	Income_Def:	the Aggregate income deficit (dollars) in the past 12 months for families within the given block group
	Count:	Total Number of Social Vulnerability Indicators that are true for this block group

Contact:	Statewide GIS Program Office of Planning and Sustainable Development State of Hawaii PO Box 2359, Honolulu, Hi. 96804 Phone: (808) 587-2846 email: gis@hawaii.gov	Hawaii Coastal Zone Management Program OPSD State of Hawaii PO Box 2359, Honolulu, Hi. 96804 Phone: (808) 587-2846 email: dbedt.op.czm@hawaii.gov
----------	--	--