Table 1.22-- CENTERS OF POPULATION, BY COUNTY: 1990 TO 2010

[The "center of population" is determined as the place where an imaginary, flat, weightless, and rigid map of the geographic area would balance perfectly if all of its residents were of identical weight]

County	North latitude (degrees)	West Iongitude (degrees)	Approximate location
1990			
State of Hawaii Hawaii County Maui County 1/ Honolulu County Kauai County 2000	21.1756 19.6898 20.8722 21.3748 22.0144	157.5708 155.4060 156.4547 157.8993 159.4509	Kaiwi Channel 20 mi. W of Hilo 0.6 mi. SW of Wailuku Post Office 0.2 mi. NE of Red Hill Elementary School 4.4 mi. N of Knudsen Gap
State of Hawaii Hawaii County Maui County Kalawao County Honolulu County Kauai County 2010	21.146768 19.690126 20.868419 21.192297 21.376294 22.021112	157.52445 155.41573 156.50023 156.98023 157.90885 159.44751	Kaiwi Channel 21.5 mi. W of Hilo 1.3 mi. SE of Wailuku Post Office Kalaupapa 0.8 mi. NW of Red Hill Elementary School 5 mi. N of Knudsen Gap
State of Hawaii Hawaii County Maui County Kalawao County Honolulu County Kauai County	21.115289 19.672837 20.863747 21.188495 21.372464 22.021022	157.484404 155.421895 156.493816 156.979972 157.913673 159.442112	Kaiwi Channel 22.1 mi. W of Hilo 1.7 mi. SE of Wailuku Post Office Kalaupapa 0.9 mi. NW of Red Hill Elementary School 5.1 mi. NE of Knudsen Gap

1/ Maui County includes Kalawao County.

Source: Hawaii State Department of Business, Economic Development & Tourism, estimated from block group data in U.S. Bureau of Census, 1990 STF-1A and the Office of Planning GIS Program, 2000 and 2010 approximate location; U.S. Census Bureau, Commerce News "2000 U.S. Population Centered in Phelps County, Mo.", CB01-CN.66, (April 2, 2001) http://www.census.gov/Press-Release/www/releases/archives/census_2000/000717.html accessed July 18, 2001, "County Population Centroids for Hawaii" http://www.census.gov/geo/www/cenpop/county/countr15.html accessed Nov. 11, 2003, "Centers of Population for the 2010 Census" http://www.census.gov/geo/www/2010census/centerpop2010/centerpop2010/centerpop2010.html accessed July 8, 2011.