

No More Tears - Census Data Workshop

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10:10 - 11:30 am

University of Hawai'i - Hilo

Room Number: UCB 105

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LibGuide for Census data can be found at:

<http://guides.library.manoa.hawaii.edu/hla2016census>

Scenario #1: You are interested in finding out what percentage of West O`ahu residents living in Hawaiian Home Lands are living in poverty.

Find the Hawaiian Home Land names

- Go to our Census Libguide at <http://guides.library.manoa.hawaii.edu/c.php?g=559028&p=3844995>
- In the **Geography** box on the left side of the page, click on **Hawaiian Home Lands**
Determine which Home Lands you would like information for and write them here:

_____	_____
_____	_____

Go to American Fact Finder <https://factfinder.census.gov/>

- Click on **Advanced Search** → **Show Me All**
- Click on the **Geographies** tab, select **American Indian Area/Alaska Native Area/Hawaiian Home Land** (about $\frac{2}{3}$ down the list)
- Select the Hawaiian Home Lands you are interested in. You may select more than one (e.g. Kaupea, Nanakuli, Waianae) by holding the Control button down. When you have finished selecting your Home Lands click **Add To Your Selections** and **CLOSE**
- Click on the **Topics** tab, select **People** → **Poverty** → **Poverty** and **CLOSE**
- Click on **Topics** tab, select **Datasets, 2014 ACS 5 year estimates** and **CLOSE**
- Select two tables: **Poverty Status in the Past 12 Months (S1701)** and **Poverty Status in the Past 12 months of Families (S1702)**. Click the **View** button near the top of the table.

FAQ

- Why does there seem to be more than one listing for some of Hawaiian Home Lands? "...Home land" appears to be an older designation so you won't get recent data if you choose it.
- Does it matter which one I pick? Yes, pick the one that says "... Hawaiian Home Land" otherwise you may not get results.
- Does it make a difference in which order I add category filters into my selection box? Yes, filter by Topics first. If you have time, go back and try to filter by Geographies first.
- What does imputed mean? "The process used to estimate missing or misreported data. When information is missing or inconsistent, the Census Bureau uses a method called imputation to assign values. Imputation relies on the statistical principle of "homogeneity," or the tendency of households within a small geographic area to be similar in most characteristics. For example, the value of "rented" is likely to be imputed for a housing unit not reported on owner/renter status in a neighborhood with multi-units or apartments where other respondents reported "rented" on the census questionnaire." (from Census Glossary <http://www.census.gov/glossary/>)

Scenario #2: You are frustrated with the fact that so many census tables lump Asian and Native Hawaiian/Pacific Islanders into one group. You are desperate to see a breakdown of the different types of Asian ethnic groups and the different types of Native Hawaiian/Pacific Islander groups living in a particular area.

Go to American Fact Finder <https://factfinder.census.gov/>

- Click on **Advanced Search** → **Show Me All**
- Click the **Race and Ethnic Groups** → **Native Hawaiian and Pacific Islander**
- Click **Topics** filter → **Datasets** → **2014 ACS 5 year estimates**
- Click **Geographies** filter on the left side of the page, click on the **List** tab, From the drop down menu select **Place**, from the next drop down menu select **Hawaii** as the state, then choose a census designated place (CDP) (e.g. Aiea CDP, Hawaii)
- From the results set, select table B02007 NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER ALONE BY SELECTED GROUPS. Click the **View** button near the top of the table.

Repeat the process above, but this time, choose Asian for Race and Ethnic Groups. For an extra challenge, try to choose a different geographical area or add a second geographical area to your selections!!!

FAQ

Can I compare detailed groups of Native Hawaiian and Asians at the same time? NO

Are there other tables that show other information with this breakdown of race/ethnic grouping? NO. Data that is slightly more broken down into ethnic/cultural groups (e.g. Chinese, Filipino, Japanese, Polynesian, and Native Hawaiian) may be found in the state DBEDT census tables at <http://census.hawaii.gov/acs/acs-2014/>

Why? The Census Bureau prepares tabulations to meet the needs of various government agencies. For many purposes, data is needed for African Americans and Latinos, but it is not available in detail for other ethnicities.

Scenario #3: You want to look at the languages spoken by residents of the island of Oahu. You would also like to explore how different geographical areas/neighborhoods on Oahu compare in the number of residents with limited English speaking ability.

Go to American Fact Finder <https://factfinder.census.gov/>

- Click **Geographies** filter on the left side of the page, click on the **Map** tab, double click on the map to zoom in to the island of Oahu **OR** type **Oahu** in the box that says *Find address or place*
- In the **Select Geographies** box (top right of map), make sure that the button *more geography types* is selected
- From the drop down menu select one of the following geographical areas:
 - Census tract
 - Place
 - Block group
 - 5 digit ZIP code Tabulation area
- In the **Select Geographies** box, use the point selection tool (icon on the left that looks like a dot) and select two geographic areas (e.g. ZIP codes 96813 and 96817) click **Add To Your Selections** and click **CLOSE**
- Click **Topics** filter → **People** → **Language** → **English usage**
- Click **Topics** filter → **Datasets** → **2014 ACS 5 year estimates** and **2011 ACS 5 year estimates**
- From the results set, select the same table from the 2014 and 2011 data sets (e.g. S1602 from 2014 ACS and S1602 from 2011 ACS). Click the **View** button near the top of the table.
- Notice that the names of the tables may vary between datasets
 - In the 2011 ACS, Table S1602 is titled, NO ONE AGE 14 AND OVER SPEAKS ENGLISH ONLY OR SPEAKS ENGLISH "VERY WELL"
 - In the 2014 ACS, Table S1602 is titled, LIMITED ENGLISH SPEAKING HOUSEHOLDS

FAQ

Why can't I get data down to the block level for languages?

Can I get a breakdown of Asian and Pacific Island languages?

Scenario #4: You are interested in owning and operating a food truck on the island of Oahu. You would like to find economic/business data that might tell you how many other food trucks are operating on the island and how much revenue the food truck industry brings in per year.

Find your NAICS (North American Industrial Classification System) number:

- From the www.census.gov website, click on **Topics, Population, Economy** → **Economy** → **Classification codes** (i.e. NAICS)
- On the left side of page, under Downloads/Reference Files/Tools, click on **2012 NAICS** (alternatively, you could search the 2012 NAICS by keyword but this can be tricky. Give it a try if you like!!)
- Identify the two digit sector code that best describes a food truck business and write it here:
- Click on the sector code
- Identify the 2012 NAICS Definition codes that best describes a food truck (hint: you may want to write all forms of code e.g. 4 digit code, 5 digit code, 6 digit code). Write the code(s) here:

Go to American Fact Finder <https://factfinder.census.gov/>

- Click on **Advanced Search**→ **Show Me All**
- Click on the **Industry Codes** filter on the left hand side of the page, enter your NAICS code in the input box and click **Go**
- In the results box you **MUST** click the check box next to the code number you desire and then click the **Add** box for the NAICS code to be added as a search filter. Then click **CLOSE**.
- Next, click on the **Topics** filter on the left hand side of the page. Click on **Dataset**, then select 2014 Business Patterns, 2012 Economic Census, and 2012 Survey of Business Owners. Click **CLOSE**.
- Finally, click on the **Geographies** filter on the left hand side of the page. In the drop down menu, select **county** as your geographic type. Select **Hawai'i** as your state and **Honolulu County, Hawaii** as your county. Click **Add to Your Selections** and then click **CLOSE**.
- You should have about 8 tables in your results list. Explore some of the tables to see what kind of information you are able to get about food trucks on Oahu.

Scenario #5: Now that you are a little more comfortable browsing and searching American Fact Finder, try to replicate some of the scenarios you just practiced in the beta version of the upcoming new census interface, part of the Census Enterprise Dissemination Services and Consumer Innovation (CEDSCI) program. If there is a feature you love (or hate) about the new interface, email your feedback to the address found below.

Here's how to connect to the Technical Preview:

- Visit <https://data.census.gov/>
- Be sure you know which data are included in this early look (see the list below for more info)
- To provide your feedback via the Web, please send detailed feedback to cedsci.feedback@census.gov
- Data in this Technical Preview is not intended for official use. For official U.S. statistics, please use the tools that are currently live on the Census.gov website

Datasets available:

ACS 1-Yr Summary Files & Data Profile Tables (2012, 2013, 2014)

ACS 3-Yr Summary Files & Data Profile Tables (2012, 2013)

ACS 5-Year Summary Files (2010, 2011, 2012, 2013, 2014)

ACS 5-Year Data Profile Tables (2012, 2013, 2014)

County Business Patterns (2012, 2013)

Nonemployer Statistics (2012, 2013)

Economy Wide Key Statistics (2012)

Decennial SF1 (2010)

Survey of Business Owners (2012)

If you still have more time....

Return to the Interactive Mapping Tools page on the LibGuide

<http://guides.library.manoa.hawaii.edu/hla2016census>

Click on the Interactive Population map (can view down to census block group)

Choose a characteristic in the top right (e.g. ethnicity)

Type in a place (e.g. Kailua)

Choose a geographic level (e.g. census tract)

Click on the geographic area of interest to read demographics

Click other tabs (e.g. race, age) to view those demographics of the same area

Use the + and - signs to zoom in or out on the map

Click on the map titled Census Explorer: People, Education, and Income (census tract level)

Enter address or geography in the search box in the top right

Select a data set (e.g. 2013 ACS, 2012 CBP)

Select a measure (e.g. Bachelor's degree or more)

If you choose, toggle back and forth between data sets and measure to see how a certain characteristic has changed over time

Click on the 2011 Language Mapper map

Drag and double click on the map to zoom in to the area you would like to see (e.g. Oahu). You will only be able to zoom in to county level.

Select one of 15 languages to see where the highest populations of speakers of those languages are concentrated on the island.

If you choose, try the same thing for a different island

Click on the TIGER map (census block group level)

Explore the tabs at the top of the page (e.g. Data Files) to get a feel for the types of data you can get here.

This data is used primarily in combination with GIS software

This brochure can walk you through using the TIGERweb application

https://tigerweb.geo.census.gov/tigerwebmain/About_TIGERweb.pdf