

AGNR - UME Program Reach - Census Dashboard Guide & Training

Learn how to use the UME Program Reach - Census Dashboard in this guide.

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Introduction

Overview

This guide serves as a training resource for the UME Program Reach - Census Dashboard. The UME Program Reach - Census Dashboard can be utilized to assist in interpretation of census data for use in analyzing program impact.

Data controls & export

Most of the data in this dashboard can be controlled (or as we like to say, cut) via dashboard parameters at the top of the dashboard. Most data in tabular views can also be exported for use in your own analytical tools.

Charts

The dashboard provides five charts, with three additional charts accessible via drill-downs.

- Gender for Selected Counties: provides a visualization of the gender split for selected counties.
- Race for Selected Counties: provides a visualization of the racial distribution for selected counties.
- Ethnicity: provides a visualization of the ethnicity split for selected counties.
- **Maryland's Top Seven Languages:** provides a distribution of the top seven languages in Maryland as identified by AGNR.
- Tabular View for Race, Ethnicity, and Gender: provides detail level tabular data for the aforementioned categories. This data can be exported for your own analysis.

Tips to get the most out of this guide

- Click images to open the enlarged version in a new tab.
- Keep an eye out for tips and notes within each step. These contain useful information about functionality (like drill-downs) in the dashboard.
- Logging in via the button in the top right of the guide (use SSO) will allow you to add comments to each step that are visible to other readers if you find a piece of information that needs clarification or want to highlight a particular step.

Additional notes

• As of 6/15/2020, the **Year** parameter has been removed from the dashboard as it is not needed since each population is a static data set from a specific year.

Step 1 — Overview of the Dashboard



- The UME Program Reach Census dashboard provides a high level snapshot, with drill-down capability, of census data for analysis when determining program reach and impact in MD's counties.
- The dashboard provides breakdowns of gender, race, ethnicity, and languages for each of MD's counties where the data is provided.
- The dashboard has five full census data sets for different census populations (2010 US Census (MD), 2010 US Census (MD) 5-19 Youth, Agricultural Census, Individuals With Disabilities (IWD), Veterans) and two aggregate data sets (Agricultural Veterans, Disabled Veterans).

Step 2 — Data Controls & Export

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	Se	Some Other Race				н	spanic or L	atino: 470,632 / 8.15%	Allegany	38,842	36,245	1,085	107	568	6,028	31	186	1,186	66,981	
	Two	American Indian or Alaska Native						-		Anne Arundel	265,763	271,893 32,902 328,712 25,960	32,902	1,665	18,352	83,484	484 274	12,642 11,303	15,573 12,955	405,456
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Maryland's Top Seven Languages		2010	US Census (MD) Tabular '	View for Rac	e, Ethnicity, a	nd Gender			Export Chart Dat	a .	15,024	2,437	329	1,260	11,930	44	578	2,365	72,231
			_	Matter	_	_		Export ondit Dut		0,843	1,816	123	188	4,585	53	1,011	710	26,396		
	County	Male Female	Hispanic or Latino	American Indian or Alaska	Asian Atr	ckor Hamail can Other	In or Some Oth	Hr Teo or	white	View Chart as Re	port	84,624	4,363	328	2,418	5,332	56	1,199	2,519	155,282
	2		- Contraction of the	Native	~	Islande						50,807	3,407	294	1,097	6,284	48	1,019	2,177	90,189
	Allegany Anne Anundel	38.842 36,245 265.763 271.893	1,085	1.665 1	568 6,0 18,352 83.	ns 31 184 484	186	1,186	405,456	Chart Data Diagr	ostics	2,501,750	410,032	20,420	516,655	1,100,256	3,137	200,032	104,705	3,335,264
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	And the Article Articl		2.060	AE2	1.264 62.	101 100		8.484	ALC 1993											

(i) Only one population may be viewed in the charts at a time.

- The parameters at the top of the dashboard will allow you to cut the data by the census dataset and cluster / county.
- Select the desired data population, choose your clusters, optionally choose specific counties in those clusters, and then click update. The data in all charts will be filtered to that data set and those specific counties.
- **Tip:** You can select several clusters, and then deselect specific counties in each cluster. For example, if I only wanted to look at Baltimore City and Baltimore County, I would select the Baltimore City Cluster and the Northern Maryland Cluster, and then use the county dropdown to deselect other counties in the Northern Maryland Cluster.
- **Tip:** You need to drill back up to the root chart (chart that displays when dashboard opens) prior to selecting new parameters from the dropdowns at the top of the dashboard.
- All tabular charts will provide a menu button in the lower left corner of the chart that, when clicked, will allow you to export that chart's data. The data exported will be what is currently shown in the dashboard and will abide by any filters selected in the dashboard parameters at the top of the dashboard.

Step 3 — Charts: Gender for Selected Counties



- (i) There is no drill-down capability in this chart.
- The **Gender for Selected Counties** chart provides a visualization of the gender split for the counties selected in the dashboard parameter at the top of the dashboard.
- The pie chart shows percentages of each gender for selected counties.
- When hovering over a specific slice, the total value of the slice will be displayed in a tooltip, along with the other slices in descending order below the slice you are hovering over.

Step 4 — Charts: Race for Selected Counties



- (i) There is no drill-down capability in this chart.
- The **Race for Selected Counties** chart provides a visualization of the racial distribution for the counties selected in the dashboard parameter at the top of the dashboard.
- The bar chart shows the racial distribution of the selected counties in the county parameter at the top of the dashboard.
- When hovering over a specific bar, the total value of the bar will be displayed in a tooltip.

Step 5 — Charts: Ethnicity

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- (i) There is no drill-down capability in this chart.
- The **Ethnicity** chart provides a visualization of the ethnicity split for the counties selected in the dashboard parameter at the top of the dashboard.
- The funnel chart shows percentages and total values for each ethnicity for selected counties.
- When hovering over a specific slice, the slice will focus and the corresponding text will highlight to provide more clarity.

Step 6 — Charts: Maryland's Top Seven Languages



- (i) This chart drills into detailed LEP data. The detailed data will replace the tabular chart to the right with a new tabular chart solely for LEP data.
- The Maryland's Top Seven Languages chart provides a visualization of the language distribution for the counties selected in the dashboard parameter at the top of the dashboard.
- The funnel chart shows the distribution of the top seven languages in MD (as identified by AGNR) for selected counties.
- Clicking on any slice will drill to detailed LEP data. The data will appear in the tabular chart to the right.
- Drill back to the other chart using the back arrow in the lower left corner of the new LEP chart.

Step 7 — Charts: Tabular View for Race, Ethnicity, and Gender

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	Black or Atrican American	The strength of Land A. M. A. M. A.	County	Male		Hispanic o Latino	r Indian or Alaska		Black or African	Hawaiian o Other	Some Other	Two or More Roce	white			Anne Arundei	Aggregate Total	98
Concerner 1	Asian						Native		Allercal	Islander						Baltimore City	Aggregate Total	0
ALL REAL PROPERTY.	Some Other Race		Allegany	38,842	36,245	1,085	107	568	6,028	31	185	1,185	66,981			bailmore County	Aggregate total	30
	Two or More Races	Hispania of Labor: 670,812 / 81396	Anne Arundel	265,763	271,893	32,902	1,665	18,352	83,484	484	12,642	15,573	405,455			Calvert	Aggregate Total	55
	American Indian or Alaska Native		Baltimore City	292,249	328,712	25,960	2,270	14,548	395,781	274	11,303	12,955	183,830			Caroline	Aggregate Total	125
	Native Hanalian or Other Pacifi		Calvert	43 712	424,020	33,735	2,040	40,077	209,736	319	12,001	2 265	72.221	2		Carroll	Aggregate Total	166
of's Top Seven Languages	2010 US Census (MD) Tabular View for Rac	e. Ethnicity, and Gender	Caroline	16.123	16.943	1.815	123	188	4.585	53	1.011	710	26.395			Cecil	Aggregate Total	80
			Carroll	82,510	84,624	4,353	328	2.418	5.332	55	1,199	2.519	155,282			Charles	Aggregate Total	111
	oursy Main Person Hispanic or Maint of Asian Bi	Ack of Hansalat of Source Other Source Weater	Cecil	50,301	50,807	3,407	294	1,097	6,284	48	1,019	2,177	90,189			Dorchester	Aggregate Total	49
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	mmary 27912912 1991299 (01.532 29.439 111.551 1.7	W294 3,157 294,412 354,744 3,396,284													View aggregate s	statistics for: A	gricultural Veterans	Disabled Veterans

(i) The two buttons below this chart drill aggregate data into the space where the primary chart resides.

- The Tabular View for Race, Ethnicity, and Gender chart provides detailed data for each county broken down by Race, Ethnicity, and Gender. The data can be cut using the cluster / county parameter at the top of the dashboard.
- There are two additional tabular charts for Agricultural Veterans and Disabled Veterans, respectively, that can be accessed via the gray buttons below the primary chart. These data sets are populations not available in the parameter dropdown at the top of the dashboard.
- Drill back to the original tabular chart using the arrow in the bottom left corner of the new chart.

Congratulations, you have completed the training guide for the UME Census Dashboard. Please contact Latoya Hicks with any questions regarding the data on the dashboard. Technical issues should be sent to dashboards@umd.edu.