

Defining Disadvantaged Communities

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Overview

1. Disadvantaged Community (DAC) – Definition
2. DACs and the IRWM Grant Program
3. DAC Mapping Tool
4. Other Data Sources Available
5. Useful Web Links



Definition

- Disadvantaged communities(DAC) vary through the state
 - Different community needs
 - Different community challenges
- However, state programs need a way to define DACs



Definition

- **Prop. 84 definition:** *A community with an annual MHI that is less than 80% of the Statewide annual MHI (PRC §75005 (g))*
- **CalEPA definition:** *These communities shall be identified based on geographic, socioeconomic, public health, and environmental hazard criteria...” (HSC §39711 (a))*
 - SB 103 (2014)
 - CalEnviroScreen2.0 Tool



DACs and IRWM Grant Program

- **IRWM Plans:**
 - CWC §10540 requires that: IRWM Plans “shall address.....the Identification and consideration of the water-related needs of DACs in the area within the boundary of the Plan”
- **IRWM Grant Program:**
 - DWR encourages DAC participation in IRWM through its grant program by:
 - Program Preference in proposals (*PRC §75026.(b)(6)*)
 - DAC Funding Target
 - Funding Match Waiver



DAC Mapping Tool

The American Community Survey MHI data are published for many “census geographies” including:



Census Tracts – subdivisions of County 4,000 people



Block Groups - subdivisions of tracts 1,500 people

DAC Mapping Tool

- Accessing published MHI data from US Census website can be cumbersome for non-experts
- Some ACS data are published through:
 - American FactFinder (AFF) website - no block group data
 - ACS Summary File (all data) - Technical manual warns...“*Experienced users only*”
- DAC Mapping Tool designed to make ACS/MHI data more accessible



DAC Mapping Tool

❖ Choose the map

<http://www.water.ca.gov/irwm/grants/resourceslinks.cfm>

DAC Maps

Note: Maps may take 25-45 seconds to load. However, if using an older web browser with slow internet speeds, it is recommended to use Internet Explorer 9 or newer, or Google Chrome as the web browser.

For guidance on how to use the maps and additional information view the following ReadMe File. [\[PDF\]](#) (85 KB)

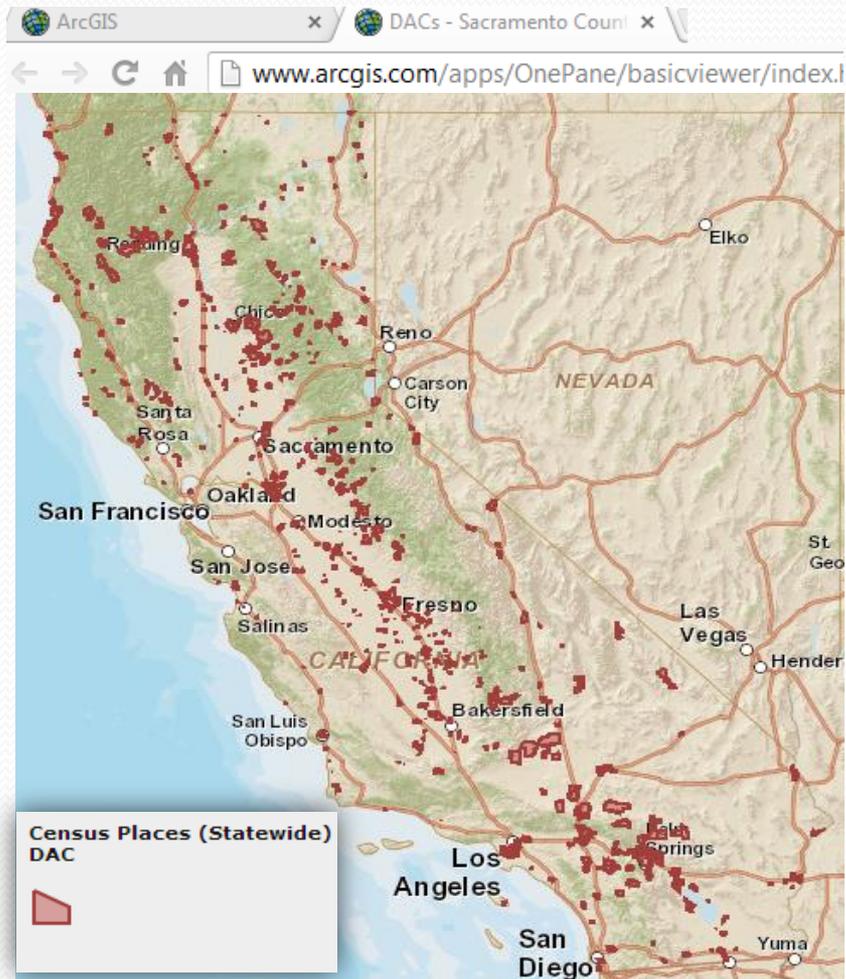
- [Map 1: DACs - Alameda County to Lassen County \(18 Counties\) - Beta 1.0](#)
- [Map 2: DACs - Los Angeles County \(1 County\) - Beta 1.0](#)
- [Map 3: DACs - Madera County to Riverside County \(14 Counties\) - Beta 1.0](#)
- [Map 4: DACs - Sacramento County to San Diego County \(4 Counties\) - Beta 1.0](#)
- [Map 5: DACs - San Francisco County to Santa Clara County \(6 Counties\) - Beta 1.0](#)
- [Map 6: DACs - Santa Cruz County to Yuba County \(15 Counties\) - Beta 1.0](#)

GIS Files

- [Census Block Groups \[ZIP\]](#) (47.1 MB)
- [Census Tracts \[ZIP\]](#) (27.1 MB)
- [Census Places \[ZIP\]](#) (8.9 MB)

**For questions or comments on use of the DAC mapping tool, please submit an email to: DWR_IRWM@water.ca.gov.
Tool."

DAC Mapping Tool



- Web-based & interactive - by DWR
- ESRI's ArcGIS Online
- Need URL & web access - No special software or GIS skill needed
- ACS 5-year 2006-2010 data
- Identify DACs at place, tract & block group level
- Estimate: 80% of statewide annual MHI is \$48,706

DAC Mapping Tool

- Turn on/off as needed
 - Census places, tract, and block group layers
- Search feature
- Select area
 - Pop-ups - click map feature for data
- Standard zoom/pan functions
- Print

Note: Default when open: only DAC “Census Places” layer on

The screenshot shows the ArcGIS web application interface for the DAC Mapping Tool. The browser address bar displays the URL: www.arcgis.com/apps/OnePane/basicviewer/index.html?appid=4a79fb45ca314c7f9. The page title is "DACs - Madera County to Riverside County (14)". The map shows several red-shaded areas representing DACs. A legend in the top right corner lists various layers, with "Census Places (Statewide) - DAC" selected. A details pop-up window is open over a red-shaded area, showing the following data:

FID	133
PLACEFP10	46898
PLACENS10	02411080
GEOID10	0646898
NAME10	Merced
NAMESAD10	Merced city
INTPTLAT10	+37.3055770
INTPTLON10	-120.4777170
Pop	77,080
MHI	36,269
HH	23,753
DAC	Y

A red circle highlights the "DAC" field in the pop-up window, and a red arrow points from this circle to a larger summary table at the bottom of the slide.

Pop	77,080
MHI	36,269
HH	23,753
DAC	Y

Update of ACS Data

- DWR anticipates incorporating the ACS data in Spring 2015
- Corresponds to CWP 2013 update/needs
- The ACS 5 year data set is the most appropriate data in defining DACs



Other Data Sources Available to Determine DAC Status

- GIS Files used as tool are available to download from DWR
- Different MHI data may be appropriate:
- Newer data set from ACS
 - Different geography (zip code, school district, etc.)
 - 3rd party surveys
 - Consult Appendix G of 2014 IRWM Guidelines



Useful Web Links

- DWR Information
 - DAC Mapping Tool and GIS Data: <http://www.water.ca.gov/irwm/grants/resourceslinks.cfm>
 - 2014 IRWM Guidelines: http://www.water.ca.gov/irwm/grants/docs/Guidelines/P84_IRWM_GL_Drought2014_Final.pdf
- U.S. Census Bureau Information
 - Homepage: <http://www.census.gov/>
 - American FactFinder: <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>
 - American Community Survey: <http://www.census.gov/acs>

