



Utilizing OnTheMap for Emergency Management for Response and Recovery During a Natural Disaster



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Objective

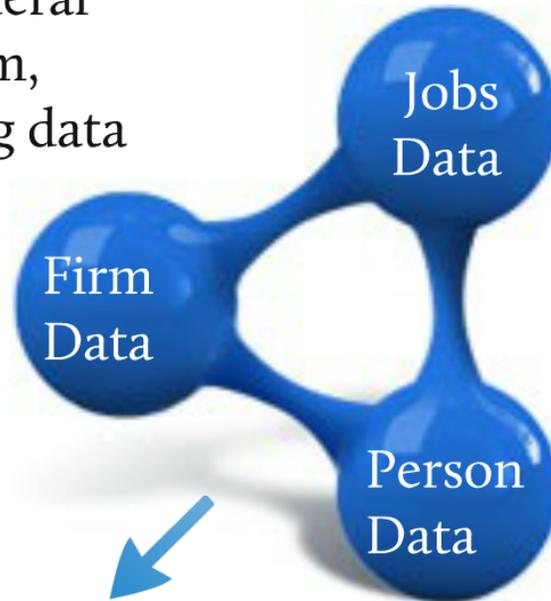
- Learn OnTheMap for Emergency Managements features
- Ability to navigate with ease through application
- Answer questions such as “Where should response efforts concentrate?” and “Where are the vulnerable population segments?”

Agenda

- Introduction of the Longitudinal Employer-Household Dynamics Program
- Overview and Demo of OnTheMap for Emergency Management
- Overview and Demo of OnTheMap

What is the Difference between LEHD and LED?

An innovative federal statistical program, collecting existing data and ...



The LEHD Program at Census

..linking it together to provide new information sources at low cost

New linked national jobs data for the U.S.

Local Employment Dynamics: Public Use Data Products



The Quarterly Workforce Indicators (QWI)

- Employment
- Job Creation, Job Destruction, Hires, Separations, Turnover
- By industry, county, CBSA, state, Workforce Investment Area (WIA) and worker characteristics

Job-to-Job Flows (J2J)

- Traces worker movement through industries, geographic labor markets, and to/from employment and to/from employment

OnTheMap/LEHD Origin-Destination Employment Statistics (LODES)

- Employment at the Census block level by where workers live and work
- Popular uses - local economic development, business site selection, and emergency planning

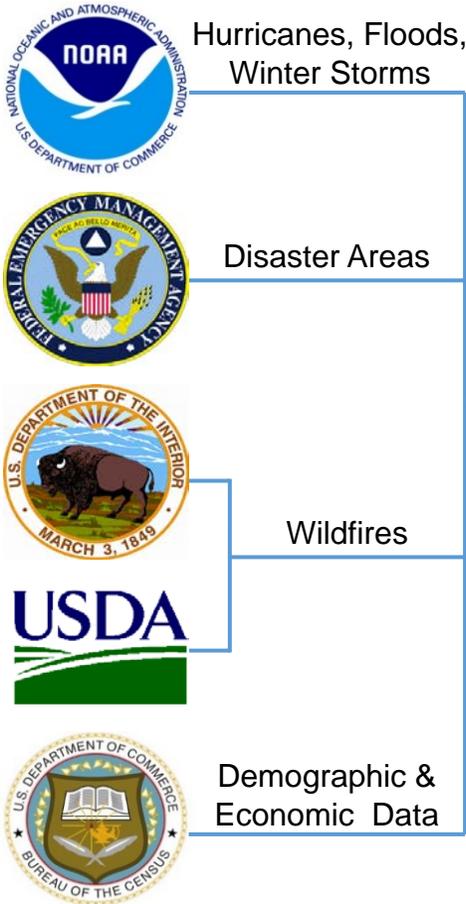
Post-Secondary Employment Outcomes (PSEO)

- New set of experimental statistics on the earnings and employment outcomes of graduates of post-secondary institutions in the United States,

Veteran Employment Outcomes (VEO)

- Experimental Veteran Employment Outcomes statistics of earnings and employment of army veterans after discharge.

OnTheMap for Emergency Management



OnTheMap for Emergency Management LEHD Home OnTheMap Help and Documentation

Disaster Declaration: DR-4166 Time Wed, 11 Jun 2014 16:00:02 GMT Export Share Close

Detail by: Characteristics
 Topic: 2010 Decennial Cou...
 Analysis Area: Event Area

Population by Age
 Universe: Total Population
 Source: 2010 Census [Source info >>](#)

Characteristic	Count	Share
Total	1,755,475	100.00%
Under 18 years	416,870	23.75%
18 to 19 years	49,751	2.83%
20 to 24 years	116,069	6.61%
25 to 34 years	220,375	12.55%
35 to 49 years	353,573	20.14%
50 to 64 years	355,344	20.24%
65 years and over	243,493	13.87%

Population by Race
 Population by Ethnicity
 Population by Sex
 Population by Housing
 Housing Units

Universe: Housing Units
 Source: 2010 Census [Source info >>](#)

Characteristic	Count	Share
Total	843,527	100.00%
Total of 'Universe: Vacant housing units'	161,607	19.16%

Map showing disaster area in South Carolina and Georgia with a bar chart below it. The bar chart displays population counts for various age groups: 0-6 (yellow), 7-44 (blue), 45-297 (red), 298-1,992 (green), 1,993-13,319 (purple), and 13,319+ (orange).

Privacy Policy | 2010 Census | Data Tools | Information Quality | Product Catalog | Contact Us | Home
 Source: U.S. Census Bureau, Center for Economic Studies, LEHD | e-mail: CES.OnTheMap.Feedback@census.gov

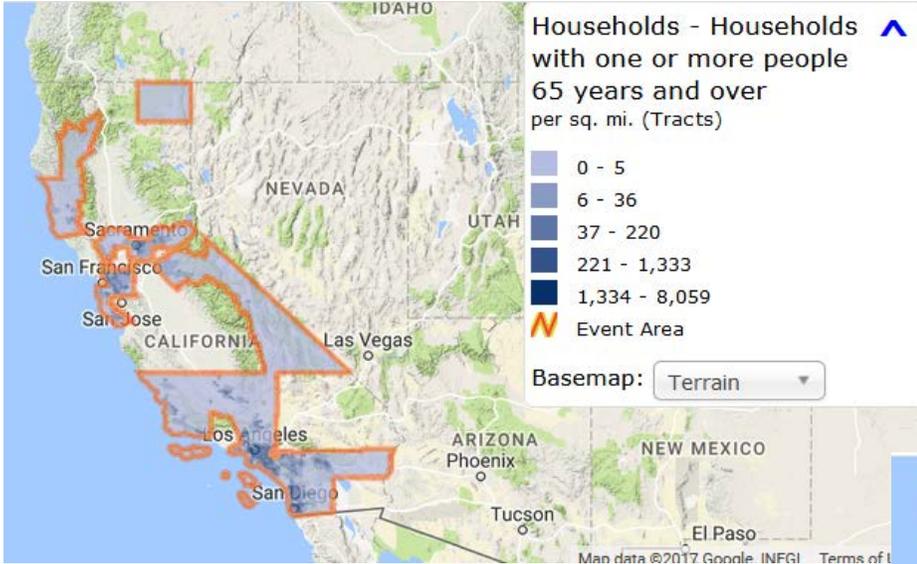
New Public Data Service for Emergency Preparedness & Response

- Comprehensive Reports
- Real-time Data Updates
- Easy-to-use & Interoperable
- Historical Event Archive
- Flexible Analyses & Visualizations

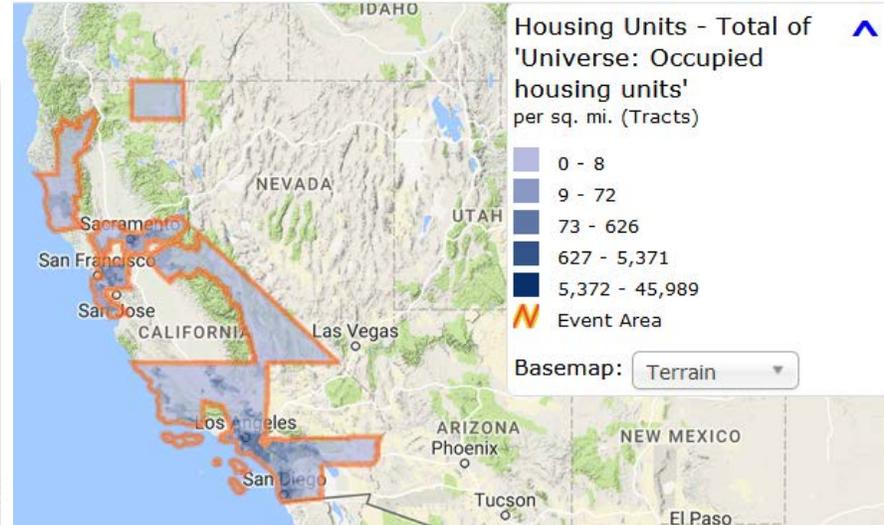


Vulnerabilities

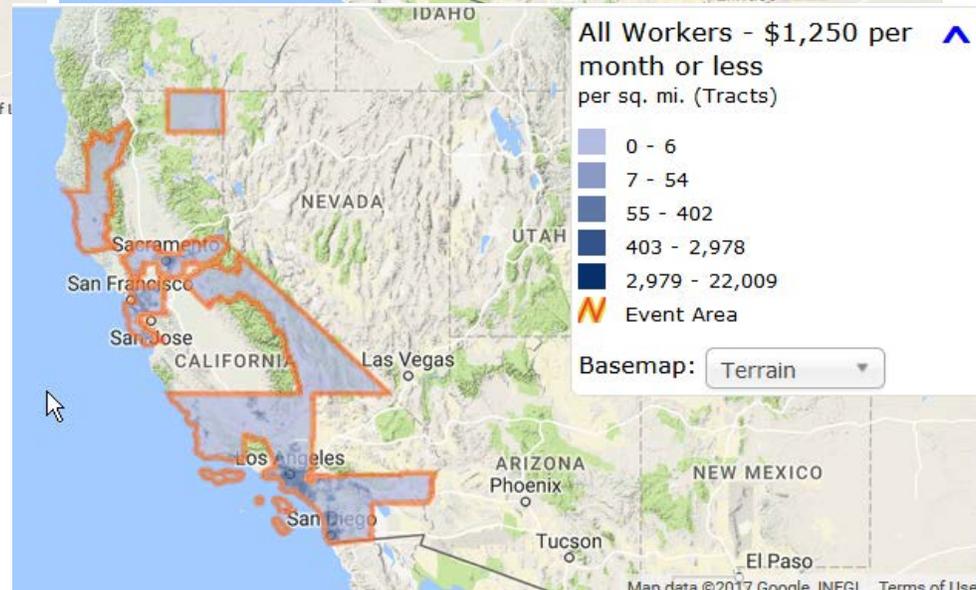
Social ACS



Physical Decennial



Economical LODES



<https://onthemap.ces.census.gov/em/>

OnTheMap for Emergency Management LEHD Home OnTheMap Help and Documentation

Search: Filter U.S. Census Bureau data for disasters, natural hazards, and weather events. [Click for more information on Pacific Storms.](#)

Events as of 06/04/2020 Calendar icon

Hurricanes
Tropical Storm Cristobal
Arkansas, Louisiana, Mississippi and 4 other States
Affected Population: 14,341,560

Wildfires

- Sawtooth Fire
Zip 85118
Affected Population: 477
- Ocotillo Fire
Zip 85331
Affected Population: 221
- Pony Express Fire
Zip 89403
Affected Population: 21
- Narrow Ditch Fire
Zip 33196
Affected Population: 14
- East Desert Fire
Zip 85331
Affected Population: 3
- Decourcy Mountain Fire
No data
Affected Population: 0
- Sloan 2 Fire

Legend & Map Controls

Event Types

- Tropical Storms
 - Current Wind Radii
 - Wind History (Cumulative Swath)
 - Forecast Area (Cone of Uncertainty)
- Wildfires
 - Perimeter
- Floods
 - Likely
 - Occurring or Imminent
- Winter Weather
 - Forecasted Snowfall
 - Forecasted Freezing Rain
- Disaster Declaration Areas
 - Emergency or Disaster Declaration

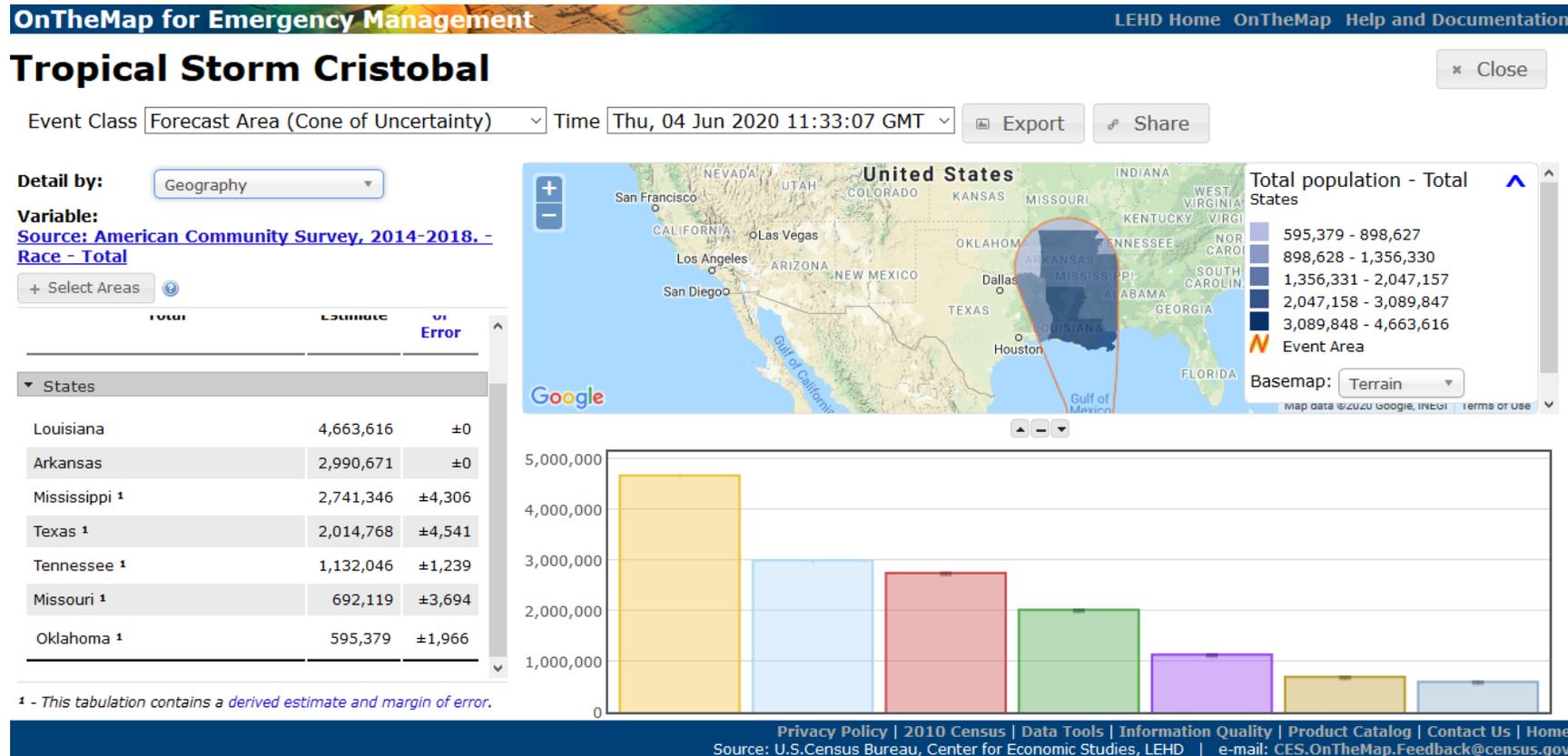
Basemap: Terrain

Zoom To: AK HI US

Map data ©2020 Google, INEGI | Terms of Use

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Source: U.S. Census Bureau, Center for Economic Studies, LEHD | e-mail: CES.OnTheMap.Feedback@census.gov

Tropical Storm Cristobal



Hurricane Dorian

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U.S. Census Bureau Data Helps Hurricane Dorian Efforts

August 29, 2019

[Environmental data](#)



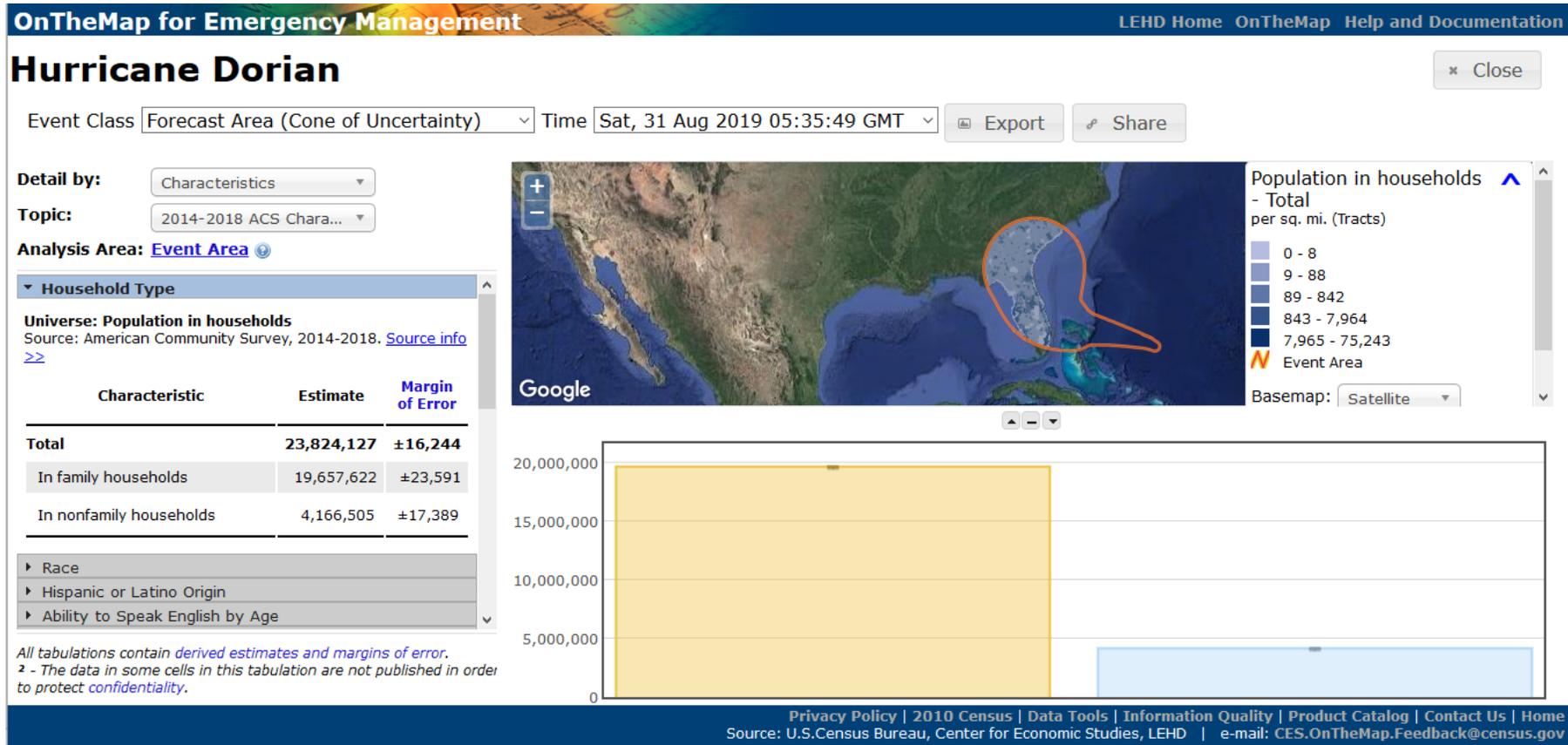
Graphic of the U.S. Census Bureau's On the Map for Emergency Management Highlighting Population in Households in Florida

The following is a [cross-post](#) from the U.S. Census Bureau

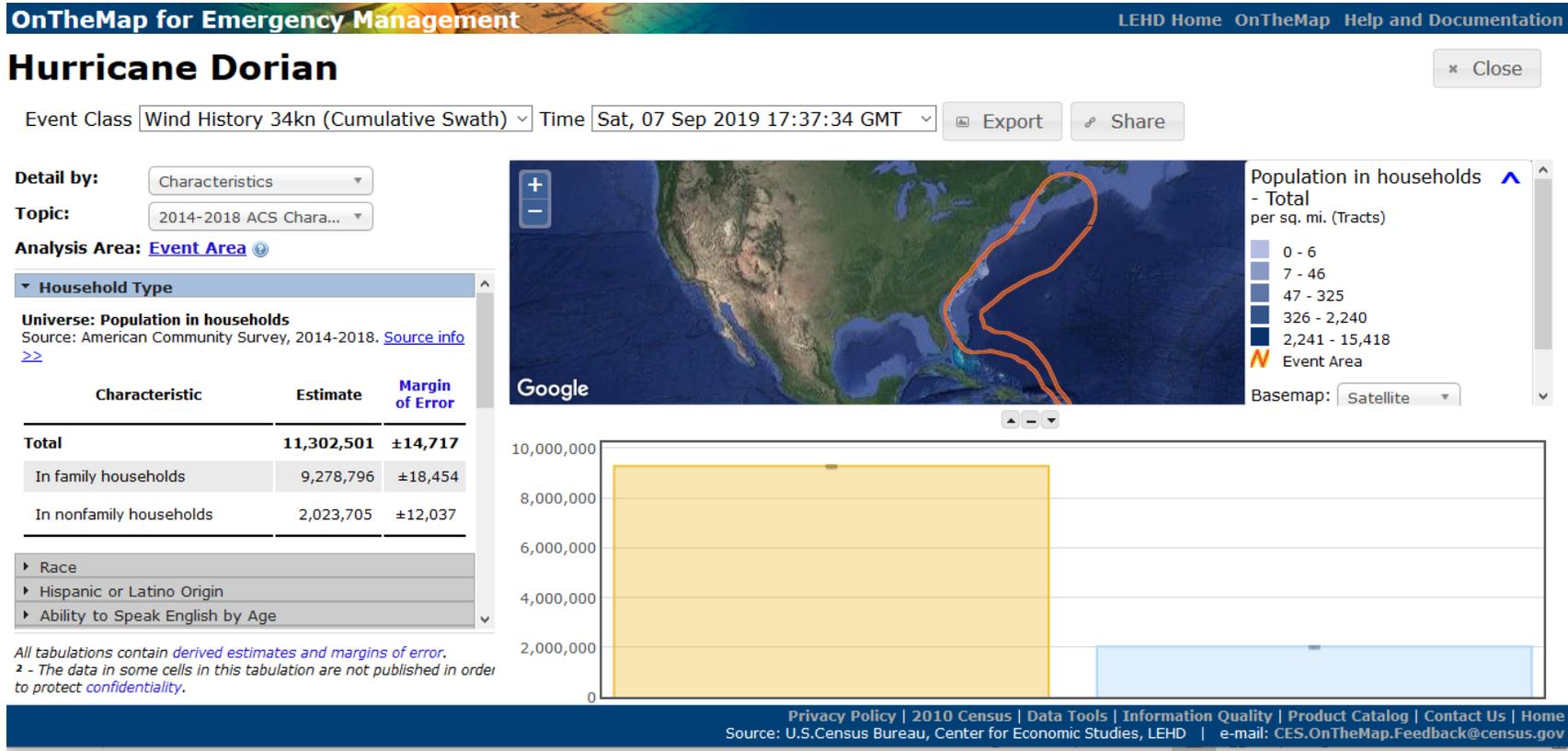
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Forecast Area - Cone of Uncertainty



Actual Impact



South Dakota and COVID-19

A look at the COVID-19 hotspot in South Dakota

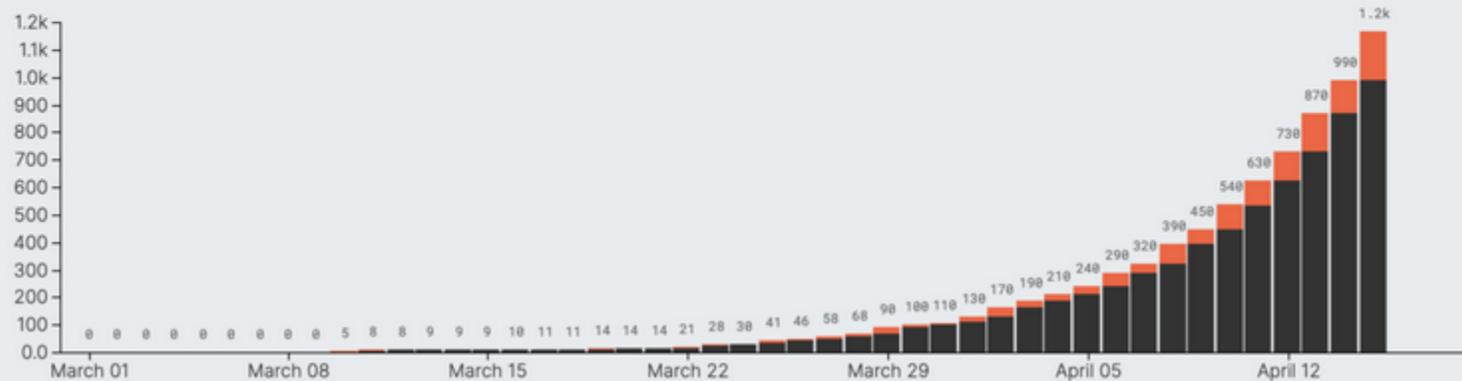
To explore more data on COVID-19, please go to covid19.topos.com



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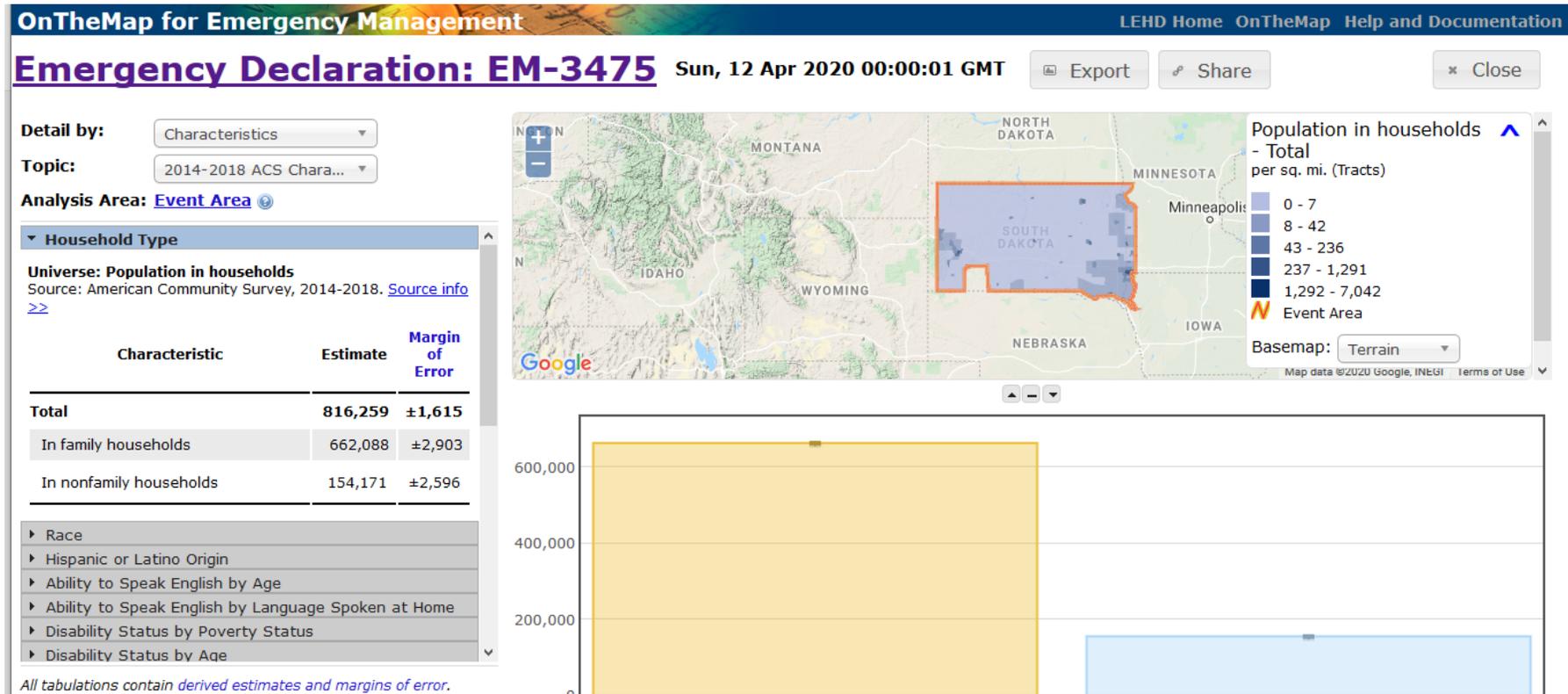


COVID-19 Cases | South Dakota

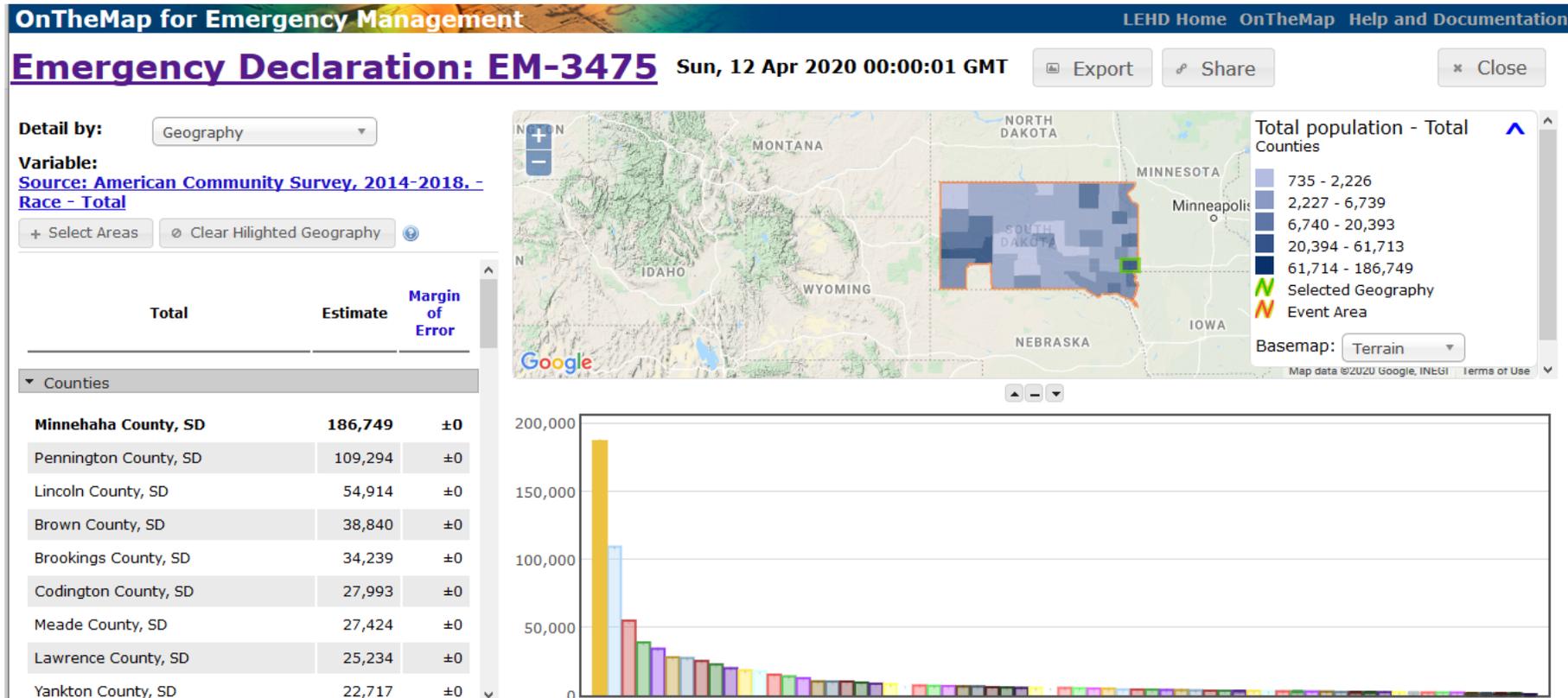


Timeline of COVID-19 Cases in South Dakota. Orange indicates new cases.

EM-3475



Minnehaha County



<https://onthemap.ces.census.gov/>

The screenshot displays the OnTheMap web application interface. At the top, the title "OnTheMap" is on the left, and navigation links "LEHD Home Help and Documentation Reload Text-Only" are on the right. Below the title bar, there are tabs for "Start", "Base Map", and "Selection". A toolbar contains icons for "Save", "Load", "Feedback", "Previous Extent", and "Hide Tabs".

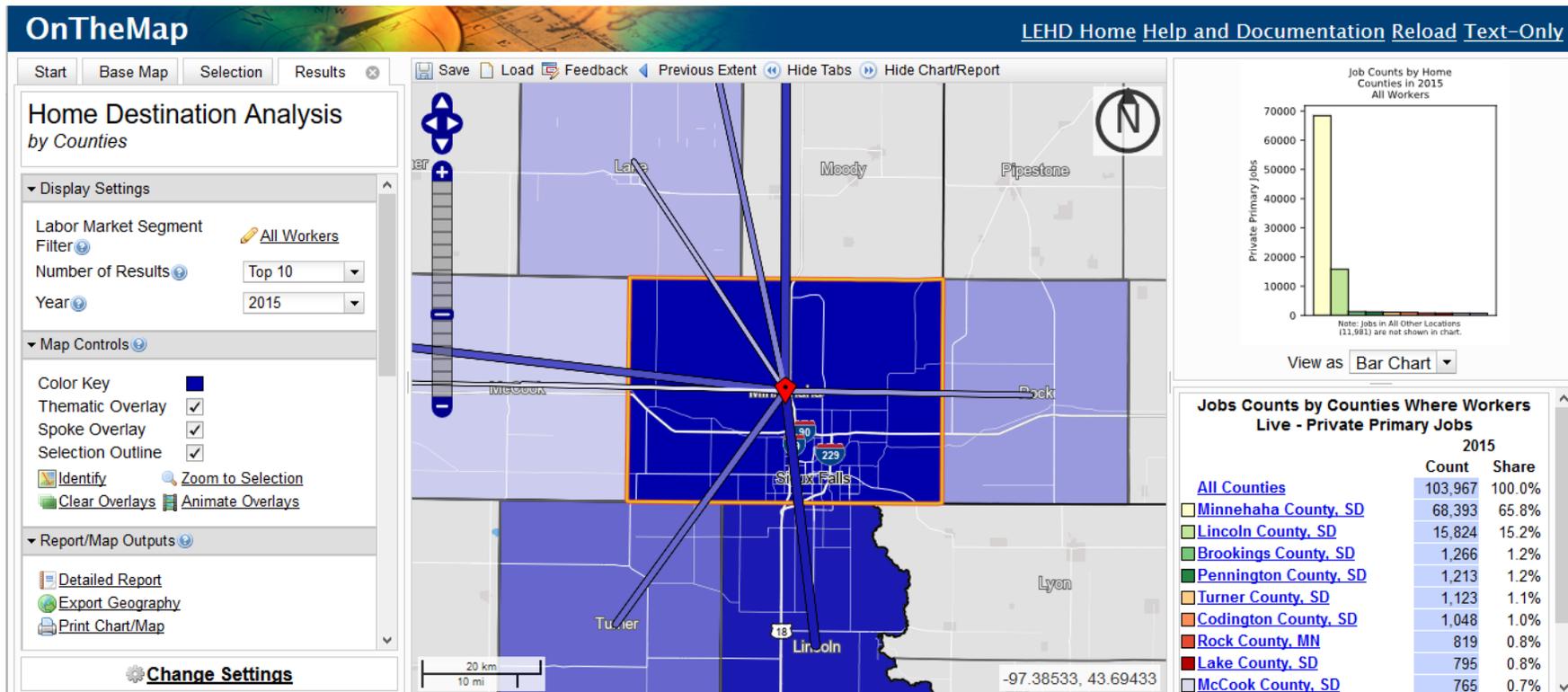
The left sidebar contains a "Welcome to OnTheMap!" section with instructions on how to start an analysis. Below this is a "Search" section with a search box containing "minnehaha" and a "Search" button. A dropdown menu "Search All Names" is open, showing a hierarchical list of search categories: States, Counties, Places (Cities, CDPs, etc.), ZIP Codes (ZCTA), Metropolitan/Micropolitan Areas (CBSA), Workforce Investment Areas (WIA), and County Subdivisions. Under "Counties", "Minnehaha County, SD" is selected.

The main map area shows a map of South Dakota with county boundaries. A red diamond marker is placed over Minnehaha County. A popup window is open over this marker, displaying the following information: "Minnehaha County, SD", "from Counties", "Selection Area: 813,861 Sq. Mi", and "Census Blocks: 5,510". Below the text are three links: "Perform Analysis on Selection Area" (with a gear icon), "Change Selection Area", and "Add Advanced Selection".

At the bottom of the map, there is a scale bar showing 10 km and 10 mi, and a coordinate display showing "-96.83550, 43.81234".

The footer of the application contains links for "Privacy Policy", "2010 Census", "Data Tools", "Information Quality", "Product Catalog", "Contact Us", and "Home".

Destination Analysis



Helpful Links

- OnTheMap for Emergency Management
 - <https://onthemap.ces.census.gov/em/>
- Help and Documentation
 - [https://lehd.ces.census.gov/applications/help/onthemap_em.html#!what is onthemap_em](https://lehd.ces.census.gov/applications/help/onthemap_em.html#!what_is_onthemap_em)
- Demos and User Guide
 - [https://lehd.ces.census.gov/applications/help/onthemap_em.html#!getting_s_tarted](https://lehd.ces.census.gov/applications/help/onthemap_em.html#!getting_started)

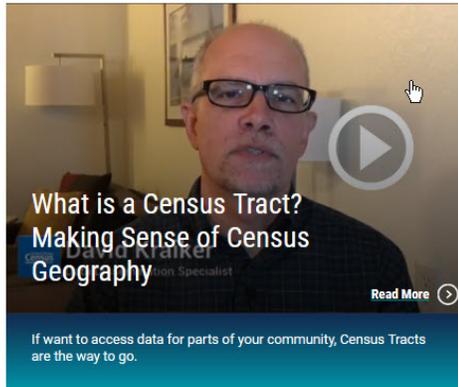
Data Dissemination and Training: census.gov/academy

Census Academy

Data Gems
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Courses - Coming Soon!



Data Gems



VIDEO | OCTOBER 11, 2018

How to Access Data for a Neighborhood or Service Area

By using Census Tracts, you can select the boundaries of your area, and access demographic, socioeconomic, and housing statistics about your community.

VIDEO | SEPTEMBER 21, 2018

How to Extract Data from the Census API

Learn how to use the Census API to explore or learn more about America's changing population and economy.

VIDEO | SEPTEMBER 21, 2018

Visualizing Characteristics Using the Census Engagement Navigator

Learn how to use this interactive visualization to quickly understand what areas of the country had high or low return rates in the 2010 census.

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Additional Resources:

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Need Local Stats?

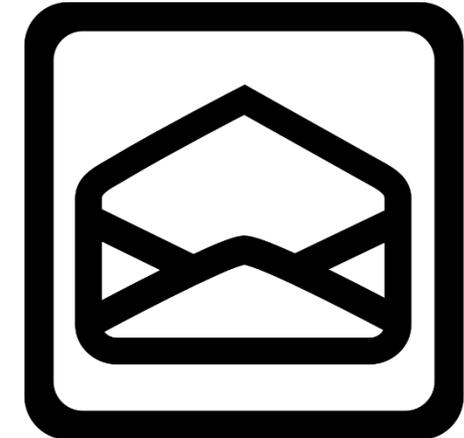


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