





Onthemap: Emergency Management

Mary Killsahundred Demography Conference June 2014 Getting started...

Interactive mapping tool

 Provides reports containing:

 oworkforce, population, and housing characteristics for hurricanes, floods, wildfires, winter storms, and federal disaster declaration areas.

Also contains

Data on affected Workers & Industries Population & Demographic Data Potential Impacts Daily Updates from Authoritative Sources for Hurricanes, Wildfires, Floods, Winter Storms, & Disaster Areas

Data Sources

- National Hurricane Center (NHC)
- Geospatial Multi-Agency Coordination Group (GeoMAC)
- Federal Emergency Management Agency
- Hydrometerological Prediction Center

 Flood areas

Snow and freezing rain areas

Data Sources

- Office of Personnel Management

 Employees and jobs for federal Employees
- Quarterly Census for Employment and Wages
 - Firm Structure and the location of a business or establishment

Unemployment Insurance Wage Records

Examples of analysis

- The number of workers within the area.
- The inflow and outflow of workers in and around the area.
- Identify the industries with the most affected workers.
- Discover the home locations of workers who work in the affected area.
- Examine the earnings levels of the affected workers.

Examples of analysis (cont.)

- Quantify the number of people and workers in the path.
- View the daily location of a storm and identify the date it made landfall.
- Identify the largest communities being impacted

Tabs

- Event- shows the dates, types of events
- Search- for specific events or types of events
- Map- displays and explains the map legend
- Report- provides the different analysis

 Population
 - o Worker Area Profile
 - o Worker Area Comparison
 - Worker Home Destination

Steps in creating analysis

Search for event • Click on the Search tab and type in event



Select event from list

OnTheMap for Emergence

Events S

🔍 Search 🛛 💹 Map

To search for a specific named event or type of hazard (such as 'hurricane Irene' or 'fire'), simply enter the search terms in the text box and press the Search button. Note that Floods, Snow, and Freezing Rain are not named events and can be more easily identified by date.

Search Term

earch for Event Types ✓ Hurricanes and Tropical Storms ✓ Wildfires ✓ Disaster Declaration Areas Hurricanes and Tropical Storms	
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Click the Events Tab to view a list of all dates when event was active.

OnThe Map for Emergence Events Search Map Welcome to On heMap for Emergency Management! Access detailed U.S. Census Bureau reports on the ota workforce and population for current natural hazard nne and emergency related events. To start, click on an emergency event area of interest on the map or search by date using the date ranges below or by event name or type using the Search tool. Show Dates 8/20/2011 - 8/30/2011 low Show Event Types V Thurricanes and Tropical Storms Vildfires Flood Outlook Areas Cit Disaster Declaration Areas Snow and Freezing Rain Probability Forecasts Sefresh Event List 08/30/2011 🖗 🚳 🖤 08/29/2011 08/28/2011 08/27/2011 08/26/2011 🖗 🖉 🚳 08/25/2011 08/24/2011 * * 08/23/2011 08/22/2011 🖗 🗮 🎰 08/21/2011 08/20/2011

Click anywhere inside the forecast area

A small popup window appears displaying the name of the storm, the date it was loaded into the

OnTheMap for Emergency Management, with a 'View Report' link.



After clicking on 'View Report'.

The Report tab automatically opens displaying the population analysis report results.

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OnTheMap Links

Main Page: http://onthemap.ces.census.gov/

For Emergency Management: <u>http://onthemap.ces.census.gov/em.html</u>