South Dakota State University

Onthemap: Emergency Management

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Demography Conference

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Getting started…

- Interactive mapping tool

- Provides reports containing:
  - workforce, 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

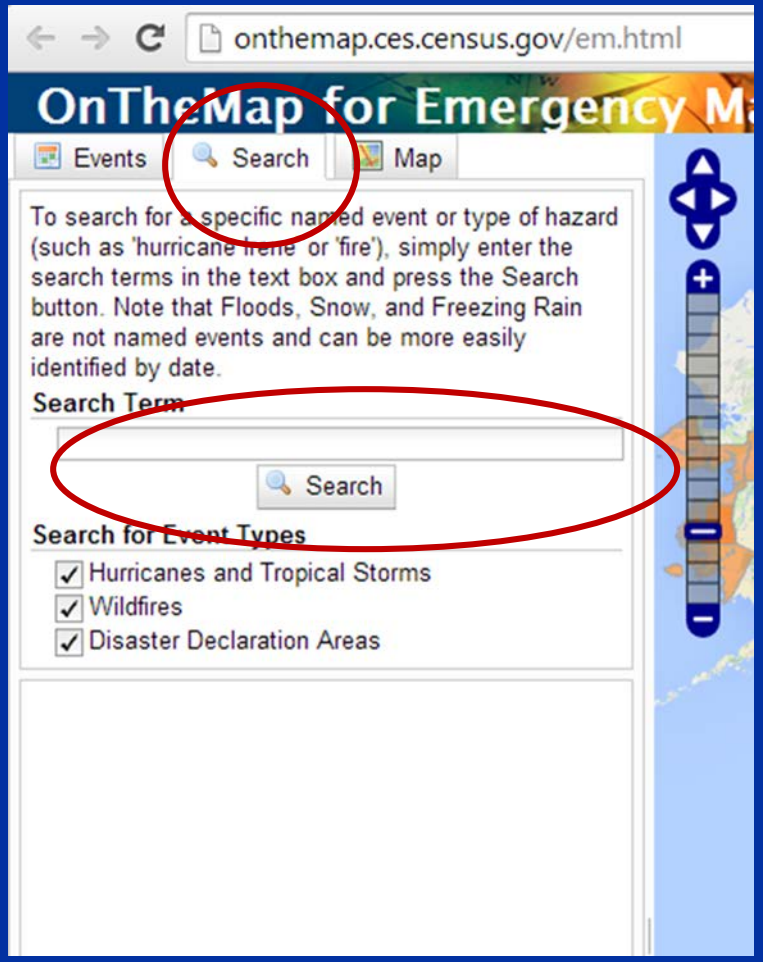
Tabs

- 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
  - Worker Area Profile
  - Worker Area Comparison
  - Worker Home Destination

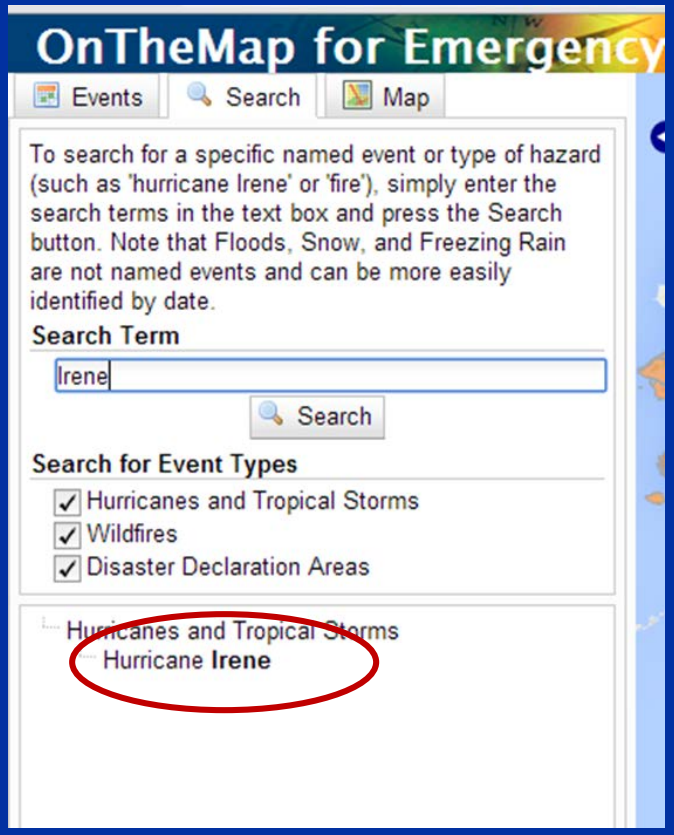
Steps in creating analysis

Search for event

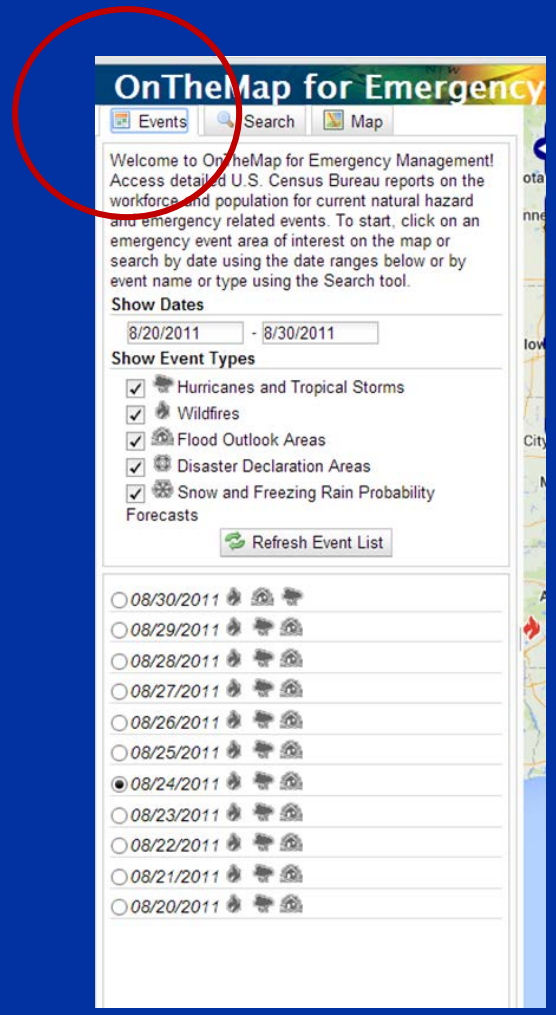
- Click on the Search tab and type in event



Select event from list



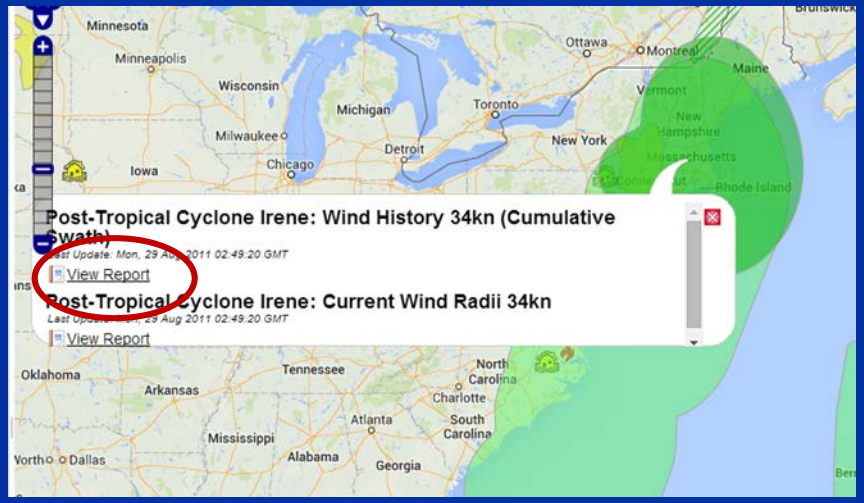
Click the Events Tab to view a list of all dates when event was active.



Click anywhere inside the forecast area

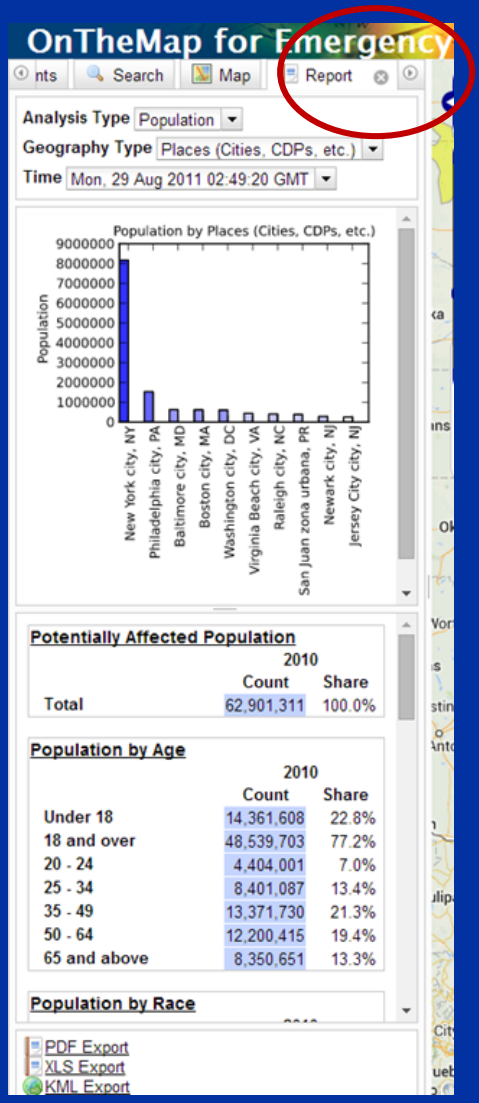
A small popup window appears displaying the name of the storm, the date it was loaded into the

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.



OnTheMap Links

Main Page:

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

For Emergency Management:

http://onthemap.ces.census.gov/em.html