Census Data and Tools for Emergency Management: Preparedness, Response, Recovery

CNSTAT Conference
October 19th, 2018

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U.S. Census Bureau
About the Census Bureau

• The U.S. Census Bureau is the federal government’s largest statistical agency.

• Our mission is to serve as the leading source of quality data about America’s people, places, and economy.

• We conduct more than 130 censuses and surveys each year, including
  - The Decennial Census – the once-a-decade population and housing count of the United States
  - The American Community Survey – the ongoing annual survey of the nation’s population
  - The Economic Census – the official five-year measure of American business
  - The Census of Governments – identifies the scope and nature of the nation's state and local government sector
  - Other Monthly, Quarterly, and Annual Business Surveys
OnTheMap for Emergency Management

Takes Feeds From:

- NOAA
  - Hurricanes, Floods, Winter Storms
- FEMA
  - Disaster Areas
- Interior Dept. and USDA
  - Wildfires

Combined with Data from Census

- Demographic (ACS & Decennial)
- Economic (Workforce)

https://onthemap.ces.census.gov/em/?#
Detail by:
• Characteristics
• Geography
• Origination / Destination

Can perform analysis on entire event area, or by state, county, place

Besides displayed characteristics:
• Poverty, Earnings, and Income
• Pop 65+
• Housing info
  • Year Built
  • Value
  • Heating Fuel
• # Vehicles

![OnTheMap for Emergency Management](image)

**Hurricane Michael**

Event Class: Wind History 34kn (Cumulative Swath)

Time: Fri, 12 Oct 2018 08:52:15 GMT

**Analysis Area:**

- **Event Area**

**Population in households**
- Total

- Per sq. mi. (Tracts):
  - 0 - 6
  - 7 - 48
  - 49 - 341
  - 342 - 2,393
  - 2,394 - 16,743

**Base Map:** Terrain

![Map Image](image)

All tabulations contain derived estimates and margins of error. The data in some cells in this tabulation are not published in order to protect confidentiality.
Hurricane Michael Stats:

- **15.9 million** – Population in Family Households in potentially impacted areas
  - 5.4 million in NC, 3.2 million in SC, 3.1 million in VA, 2.7 million in GA, 1.7 million in FL, 0.4 million in AL
- **2.7 million** – Population in Non-Family Households
- **2.3 million** – Population 65 Years and Older
  - 622,408 – Living Alone
- **2.8 million** – Population with Income in the past 12 months below the poverty level
- **116,671** – Households with Public Assistance Income
- **336,463** – Households with Supplemental Security Income (SSI)
- **2.0 million** – Households with Social Security Income
- **1.1 million** – Mobile Homes
- **435,491** – Housing units with no vehicles available
Thank You!

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