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

CSAC Meeting
December 6th, 2018

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U.S. Census Bureau
Census Data for Preparedness, Response, and Recovery

• Preparedness
  • Identifying vulnerable communities
  • Doing “What If” analysis

• Response
  • Prioritizing response efforts to most vulnerable communities
  • Identifying materials and services needed for potentially affected areas

• Recovery
  • Prioritizing recovery efforts to most affected and vulnerable communities
  • Identifying materials and services needed for potentially affected areas
  • Measuring impact of event
Census Data Tools and Key Information Provided

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<tbody>
<tr>
<td>Demographic Data</td>
<td>X</td>
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<tr>
<td>• What are the characteristics of the residents of the affected area?</td>
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<td>Workforce Data</td>
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<td>• Where do the residents of the affected area work?</td>
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<td>• Where to the workers in the affected area live?</td>
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<td>• What are their characteristics?</td>
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<td>Economic Data</td>
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<td>• What types of businesses are in the affected area?</td>
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<td>• What are their characteristics?</td>
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<td>Disaster Declared Areas</td>
<td>User-Defined Areas</td>
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Challenges and Next Steps

- Ensuring that data are currently providing in data tools for Preparedness, Response, and Recovery are correct and complete
  - Are we missing any key variables?
    - If yes, are they available from Census, other federal agencies, or private sector data providers?
  - Are these data tools meeting user needs?

- Satisfying data gaps for Recovery
  - Is timeliness of local area data sufficient to meet user needs?
    - If not, what additional data are needed?
      - What sources are available that can provide these data?
Thank You!

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