Population Potentially Exposed to Dam Failure in Austin, Texas

HAZUS_MH
EARTHQUAKE • WIND • FLOOD

**Population Density
[per square mile]**

- 5,000 to 1,000,000
- 1,000 to 5,000
- 500 to 1,000
- 100 to 500
- Less than 100

*Area potentially Inundated
due to scenario failures of
Mansfield and Miller dams*

0   3   6
miles
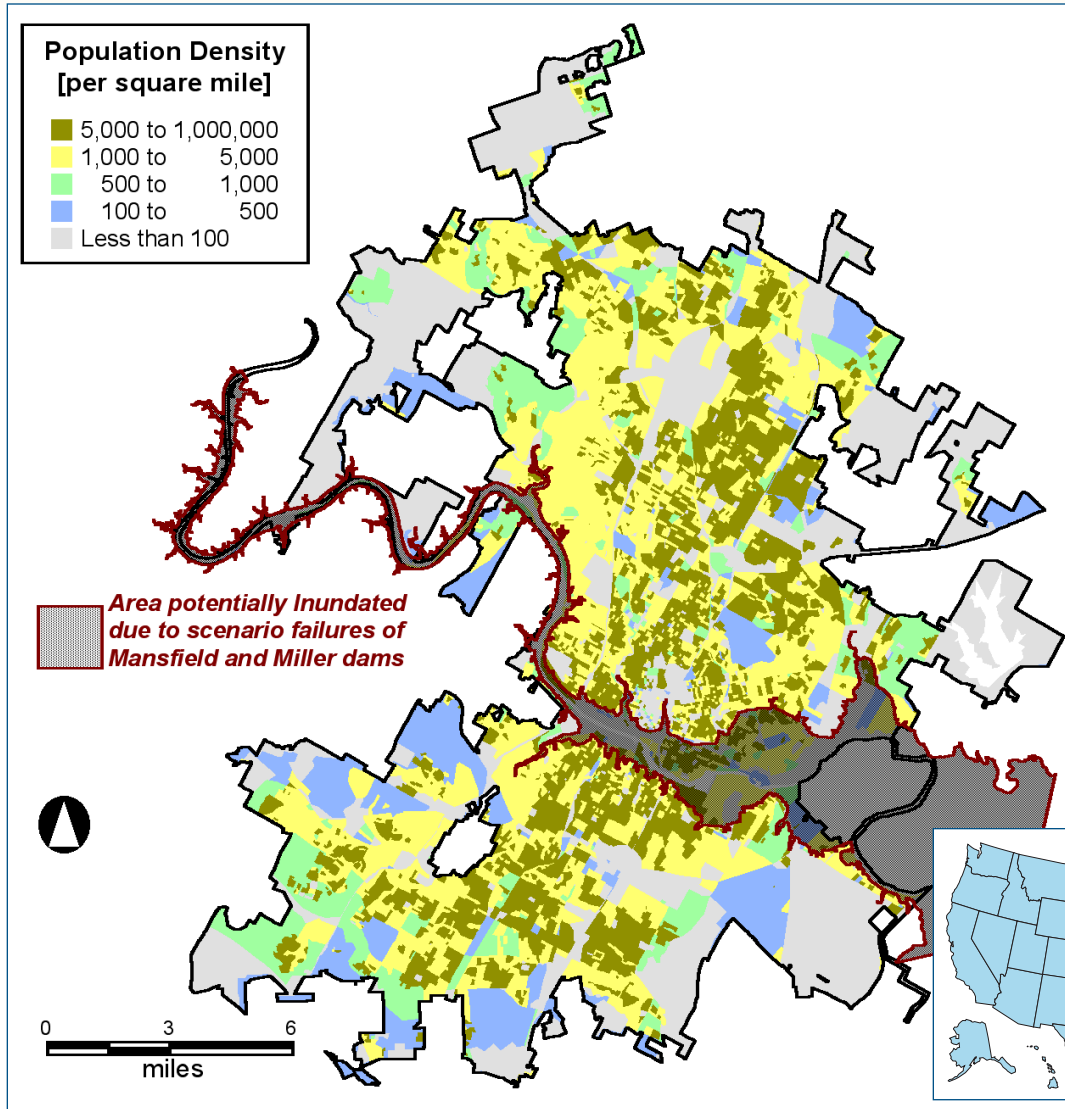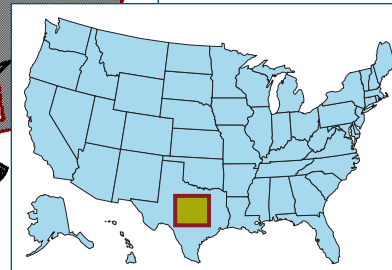
POTENTIAL USES

Pre-Disaster:

- Identification of population and property potentially exposed to the failure of Mansfield and Miller dams in Austin, Texas (GIS inventory).

- Characterization of population potentially exposed, including elderly and low-income. Identification of essential facilities in the inundation area (GIS inventory).

- Incorporation of HAZUS-MH analysis into evacuation and shelters planning.

Post-Disaster:

- Identification and quantification of population at risk from the failure of Miller and/or Mansfield dams.

- Identification and implementation of appropriate protective measures, including warning, evacuation, and sheltering.

DATA AND ANALYSIS DISPLAYED:

- Population density for Austin, TX, derived from U.S. Census data (2004).

- Flood inundation boundaries for breach of Mansfield and Miller dams (information provided by the Lower Colorado River Authority).

U.S. DEPARTMENT OF HOMELAND SECURITY

FEMA