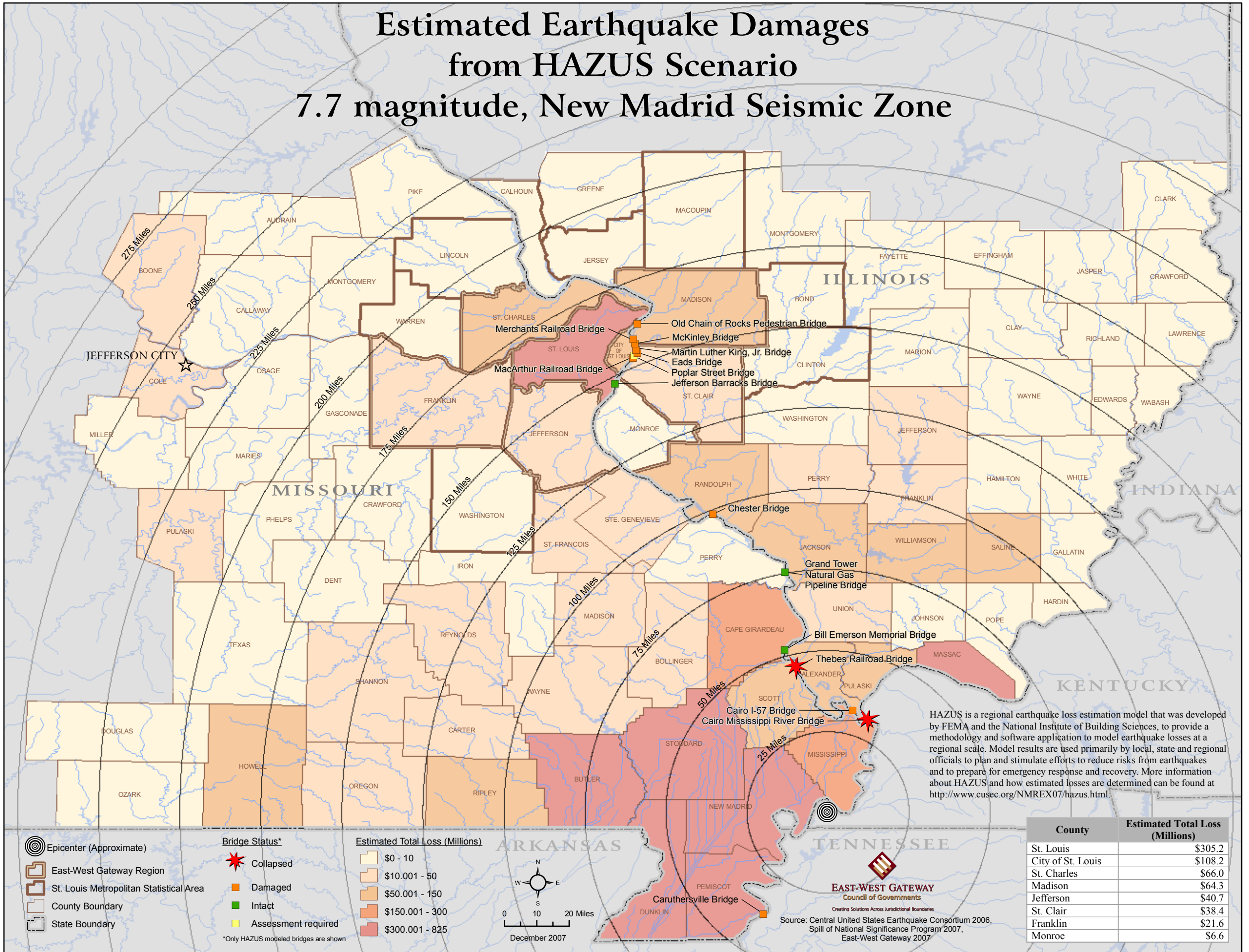


Estimated Earthquake Damages from HAZUS Scenario 7.7 magnitude, New Madrid Seismic Zone



HAZUS is a regional earthquake loss estimation model that was developed by FEMA and the National Institute of Building Sciences, to provide a methodology and software application to model earthquake losses at a regional scale. Model results are used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from earthquakes and to prepare for emergency response and recovery. More information about HAZUS and how estimated losses are determined can be found at <http://www.cusec.org/NMREX07/hazus.html>.

Legend

- Epicenter (Approximate)
- East-West Gateway Region
- St. Louis Metropolitan Statistical Area
- County Boundary
- State Boundary

Bridge Status*

- Collapsed
- Damaged
- Intact
- Assessment required

*Only HAZUS modeled bridges are shown

Estimated Total Loss (Millions)

- \$0 - 10
- \$10.001 - 50
- \$50.001 - 150
- \$150.001 - 300
- \$300.001 - 825

Scale and Orientation

0 10 20 Miles

December 2007

EAST-WEST GATEWAY
Council of Governments
Creating Solutions Across Jurisdictional Boundaries

Source: Central United States Earthquake Consortium 2006, Spill of National Significance Program 2007, East-West Gateway 2007

County	Estimated Total Loss (Millions)
St. Louis	\$305.2
City of St. Louis	\$108.2
St. Charles	\$66.0
Madison	\$64.3
Jefferson	\$40.7
St. Clair	\$38.4
Franklin	\$21.6
Monroe	\$6.6