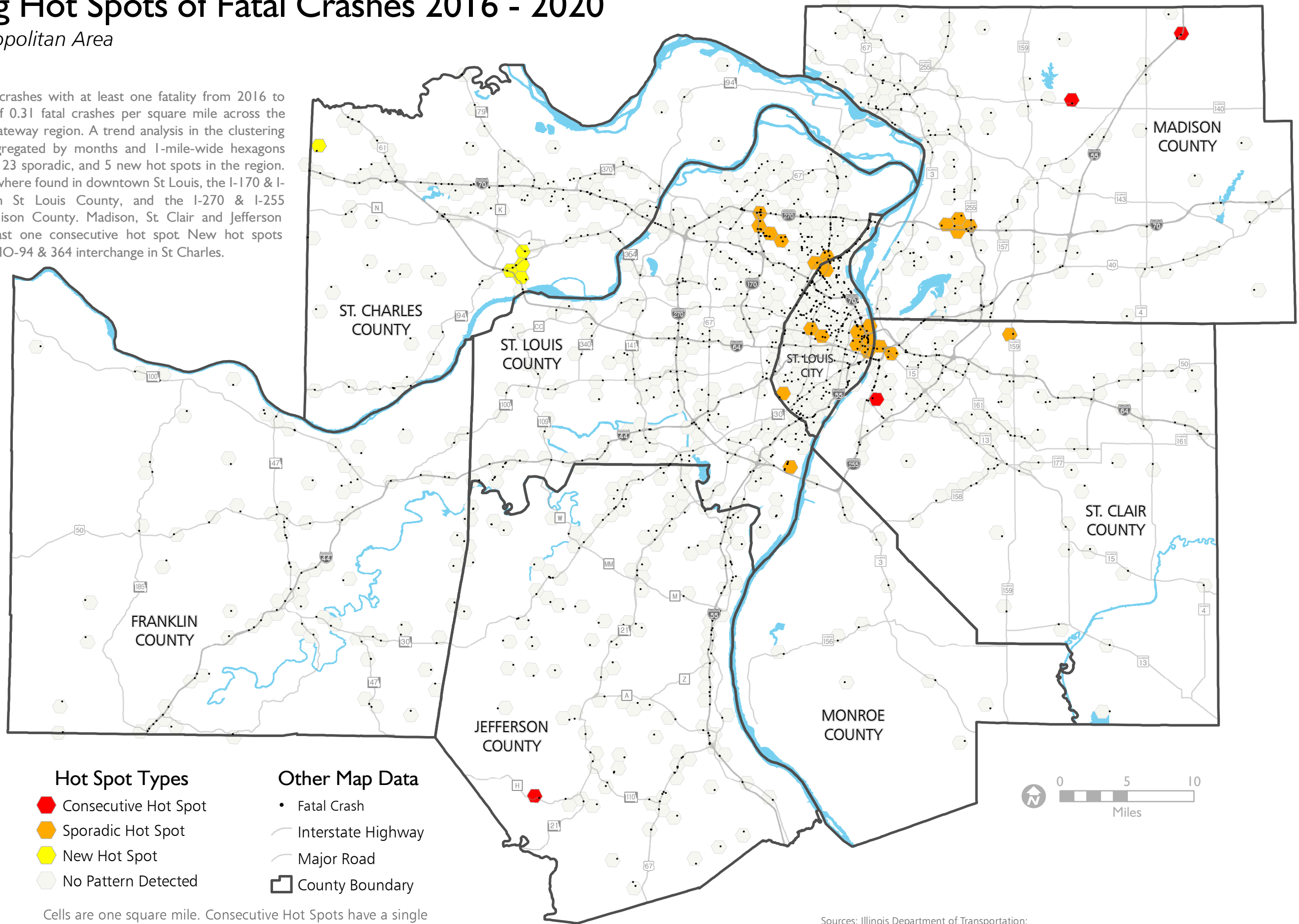


Emerging Hot Spots of Fatal Crashes 2016 - 2020

St. Louis Metropolitan Area

September 2021

There were 1,414 crashes with at least one fatality from 2016 to 2020, an average of 0.31 fatal crashes per square mile across the entire East-West Gateway region. A trend analysis in the clustering of fatal crashes aggregated by months and 1-mile-wide hexagons finds 4 consecutive, 23 sporadic, and 5 new hot spots in the region. Sporadic hot spots were found in downtown St. Louis, the I-170 & I-270 interchange in St. Louis County, and the I-270 & I-255 interchange in Madison County. Madison, St. Clair and Jefferson counties had at least one consecutive hot spot. New hot spots occurred near the MO-94 & 364 interchange in St. Charles.



- Hot Spot Types**
- Consecutive Hot Spot
 - Sporadic Hot Spot
 - New Hot Spot
 - No Pattern Detected

- Other Map Data**
- Fatal Crash
 - Interstate Highway
 - Major Road
 - County Boundary



Cells are one square mile. Consecutive Hot Spots have a single uninterrupted run of hot months. Sporadic Hot Spots include areas where some of the months are hot. New Hot Spots are areas where the most recent months are hot for the first time.

Sources: Illinois Department of Transportation; Missouri Department of Transportation; East-West Gateway Council of Governments