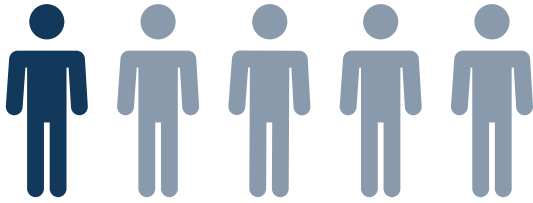


Regions of all sizes are experiencing population and job growth leading to increased congestion.

Population

Texas leads the country in population growth, adding 1,000 new Texans every day.

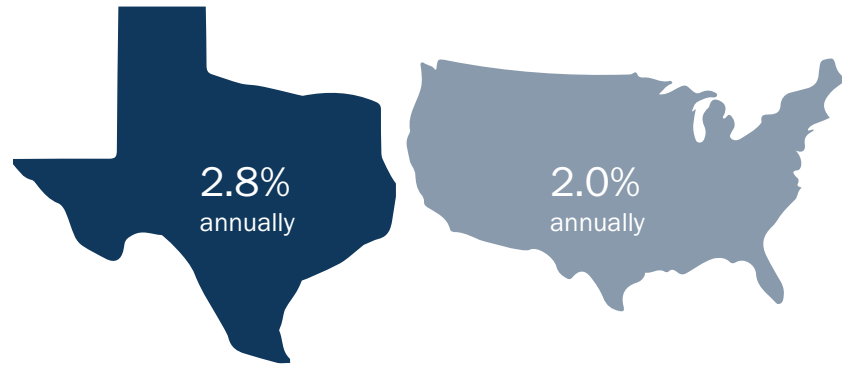


One out of every **five** people added to the U.S. population is added in Texas.

Source: US Census 2019 American Community Survey estimates.

Economy

The Texas economy is expected to grow at an average of 2.8% per year through 2046, compared with 2.0% nationally.

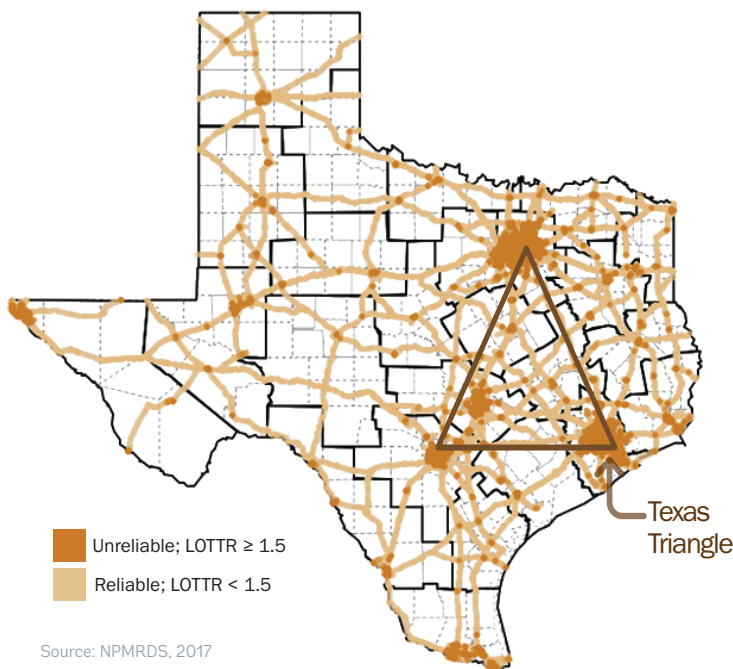


Source: 2019 Economic Forecast, Texas Comptroller.

Growth Means Transportation Challenges

Growth in the Texas Triangle, as well as Laredo, El Paso, and the Rio Grande Valley will worsen already severe congestion and travel time reliability along the region's primary highways.

Level of Travel Time Reliability



Source: NPMRDS, 2017

More cars on the road leads to increased congestion and a worsening level of travel time reliability (LOTR). The more unreliable the travel time, the harder it is to accurately plan trips.

Economic Implications of Congestion

\$4.1B Annual cost of delay on the top 100 most congested roads in Texas in 2018.¹



A growing population means a higher demand for goods delivery. More truck trips means more congestion. More truck traffic also leads to longer travel times, impacting economic efficiency.²

¹ Texas' Most Congested Roadways 2018. TTI.

² 2018 Texas Freight Management Plan



Connected Vehicles on the Road

Vehicles that can "talk" with other vehicles, traffic signals, or anything else connected to the Internet may help with safety through fewer collisions, signal timing, and better planning and response to traffic incidents.

Source: Shelton et al. Impacts of connected vehicles in a complex, congested urban freeway setting using multi-resolution modeling methods. 2019.