

# Key facts about Pennsylvania's surface transportation system

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## *Investing in Pennsylvania's transportation system improves road and bridge conditions and reduces driver costs*

- A total of 51% of Pennsylvania's major roads are in poor or mediocre condition. Driving on deteriorated roads costs Pennsylvania motorists \$7.1 billion a year – \$779 per driver – in the form of additional repairs, accelerated vehicle depreciation, and increased fuel consumption and tire wear.
- A total of 13% of Pennsylvania's bridges are rated in poor/structurally deficient condition, meaning there is significant deterioration to the major components of the bridge. A total of 51% of the state's bridges were built prior to 1970. Many bridges that are 50 years or older may require significant rehabilitation or replacement.
- Vehicle travel in Pennsylvania dropped by 47% in April 2020 due to the Covid-19 pandemic (as compared to the same month the previous year), but rebounded to pre-pandemic levels by 2024.
- The [Infrastructure Investment and Jobs Act](#) (IIJA), signed into law in November 2021, will provide \$11.3 billion in federal funds for highway and bridge investments in Pennsylvania over five years, including a 29% increase over the previous federal surface transportation program. The IIJA is set to expire on September 30, 2026.
- Construction cost inflation, the erosion of motor fuel taxes due to inflation, improved fuel efficiency, and the adoption of hybrid and electric vehicles threaten the state's ability to keep pace with growing transportation needs. The Federal Highway Administration's national highway construction cost index, which measures the rate of inflation in labor and materials cost, increased 45% from the beginning of 2022 through the second quarter of 2024.

## *Roadway improvements can reduce traffic crashes and save lives*

- From 2019 through 2023, 5,826 people died on Pennsylvania's highways, an average of 1,165 annual fatalities. The state's traffic fatality rate of 1.16 fatalities per 100 million vehicle miles of travel is lower than the U.S average of 1.35.
- A total of 898 people were killed in traffic crashes in work zones in the U.S. in 2023, 34% higher than a decade ago. There were 83 work zone fatalities in Pennsylvania from 2019 to 2023. Work zone safety can be improved through the use of safety countermeasures including improved work zone design, improved driver messaging, high-visibility markings and speed enforcement.
- Traffic crashes in Pennsylvania imposed a total of \$9.2 billion in economic costs in 2023. TRIP estimates that a lack of adequate roadway safety features, while not the primary factor, was likely a contributing factor in approximately one-third of all fatal traffic crashes, resulting in \$3.1 billion in economic costs in the state in 2023. These costs include work and household productivity losses, property damage, medical costs, rehabilitation costs, legal and court costs, congestion costs, and emergency services.

## *Investing in our transportation system generates jobs, fosters economic recovery and growth, and improves safety*

- Investments in the surface transportation system will boost Pennsylvania's economy in the short-term by creating jobs and in the long-term will enhance economic competitiveness, stimulate sustained job growth, improve access and mobility, improve traffic safety, reduce travel delays, and improve road and bridge conditions.
- Roads and highways are the backbone of our economy, allowing Pennsylvania motorists to travel 103.1 billion miles annually and moving a significant portion of the \$1.1 trillion worth of commodities shipped to and from the state each year. But, conditions on the system are deteriorating, as the need for transportation improvements far outpaces the amount of state and federal funding available.
- The design, construction and maintenance of transportation infrastructure in Pennsylvania supports approximately 183,000 full-time jobs across all sectors of the state economy. Approximately 2.7 million full-time jobs in Pennsylvania in key industries like tourism, retail sales, agriculture and manufacturing are completely dependent on the state's transportation network.

*Latest data from the U.S. Census Bureau, USDOT, FHWA, BTS, ARTBA, NHTSA, and AAA compiled and analyzed by TRIP.*



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