

Does Travel Time Reliability Matter?

Travelers depend on the U.S. transportation system every day to meet commitments for work, friends and family, acquire/deliver goods and services, and respond to emergencies. If the system operates as expected and enables travel within a predictable amount of time, we can rely on it. When it doesn't, we can't. This lack of reliability affects our health, jobs, families, relationships, cost of consumer goods, and the amount of time we have for other things.

How the Lack of Travel Time Reliability Affects Me and My Community

Emergency

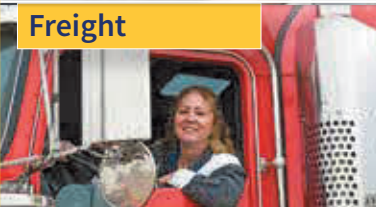


Reduces Survival Rates



First responder response time is one of the most decisive factors that determines mortality rates. During cardiac arrest, the survival rate decreases by **7–10 percent** for every minute of delay.

Freight



Increases Cost of Consumer Goods



Shippers and carriers value transit time at \$25–\$200 per hour, which can increase by **50–250 percent** during unexpected delays. In Washington State, **60–80 percent** of these costs are transferred to consumers.

Transit



Impacts Public Transportation Costs



Over the course of a year, the monetized opportunity cost of an unreliable transit service in the Dash route in Denver, CO was estimated to be **\$699.40** per user.

Commute



Harms Worker Performance



Per recent studies, unpredictable travel time can adversely affect worker performance, including **tardiness, absenteeism, decrease in concentration, exhaustion, and stress.**

Family



Disrupts Time with Family and Friends



Recurring and non-recurring delays in 2014 caused urban Americans to travel an additional **6.9 billion hours** annually—over **51 hours per commuter.**

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How do we create a **reliable** transportation system?

➔ **LEARN HOW:**

<https://ops.fhwa.dot.gov/tsmo/>