



Making the best use of Virginia's limited transportation dollars to ensure Virginia's transportation system will be *Good for Business*, *Good for Communities*, and *Good to Go*.

**VTRANS** | VIRGINIA'S  
TRANSPORTATION PLAN

Establish a sustainable, long-term vision for a safe and reliable multimodal surface transportation network



Monitor and evaluate performance of investments to ensure progress is being made and allow for course-corrections



Prioritize capacity, operations, and TDM investments to improve and strengthen the network

Performance Management (PM) is a strategic approach that uses transportation system performance data to inform investment and policy decisions to achieve Virginia's transportation performance goals.

In 2018, the General Assembly updated reporting requirements of the Office of Intermodal Planning and Investment (OIPI) and the Virginia Department of Transportation (VDOT), establishing a biennial reporting process for each agency. The purpose of these reports are to ensure transparency and accountability in the use of transportation funds.

Two recent Federal transportation funding and authorization bills, Moving Ahead for Progress in the 21st Century (MAP-21) and the Fixing America's Surface Transportation (FAST) Act established the Federal framework for PM, setting the process and requirements for USDOT, State DOTs, transit providers, and metropolitan planning organizations.

OIPI's Biennial Report addresses both the required Federal measures and the requirements to track surface transportation system performance consistent with the goals and objectives of VTrans.

**39** multimodal performance measures across the 5 VTrans goals and the 14 supporting VTrans objectives

**22** Federal measures are included, 4 of which only apply to the Metropolitan Washington region

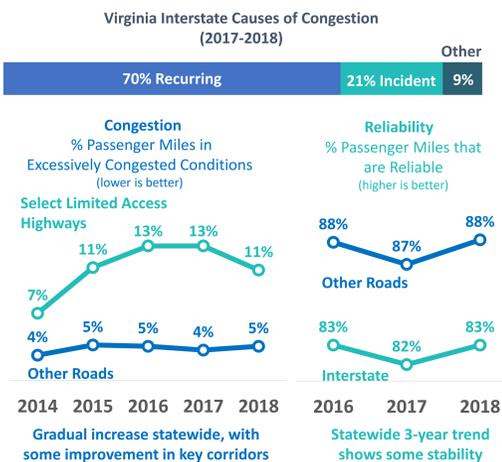
OIPI, VDOT, and DRPT track and report measures across Virginia's

**9** Districts and **15** MPOs

**Economic Competitiveness**

- 9 Measures
- Congestion and delay (3)
- Travel time reliability (4)
- Truck reliability (1)
- Intercity passenger rail on-time performance (1)

**Performance Summary**



**Improving Performance**

SMART SCALE scoring includes factors that assess the potential of a project to reduce congestion and improve reliability.

The objective of VDOT's STARS Program is to develop innovative solutions to relieve bottlenecks and solve safety challenges.

VDOT's new towing response initiative, the Towing Recovery and Incentive Program (TRIP), uses financial incentives to encourage tow companies to clear complex commercial crashes and incidents on interstates as efficiently as possible. 2018 data shows that, on average, travel lanes opened 103 minutes quicker with the TRIP program.



**Accessible Places**

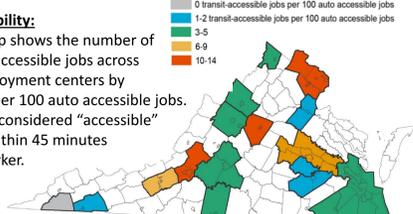
- 2 Measures
- Transit ridership by system (1)
- Workers within 45 minutes by driving and transit to accessible jobs (1)

**Performance Summary**

In Fiscal Year (FY) 2019, Virginia's transit agencies reported nearly **65 million passenger trips**, which represents a 0.2 percent increase compared to FY 2018. This marks the **first year-over-year increase in reported ridership** in more than five years.

**19 of 41** transit agencies reported ridership increases, including systems like Suffolk Transit, Blacksburg Transit, and Greater Richmond Transit Company (GRTC) which showed 15-16 percent increases in FY 2019.

**Accessibility:** This map shows the number of transit accessible jobs across all employment centers by region per 100 auto accessible jobs. A job is considered "accessible" if it is within 45 minutes of a worker.



**Improving Performance**

**System Redesigns** – GRTC (Richmond) and Blacksburg Transit both completed system redesigns, leading to ridership increases. Plans will be completed by Hampton Roads Transit, Greater Lynchburg Transit Company, Petersburg Transit, and PRTC in 2019.

**Performance Based Funding** – Fiscal Year 2020 marks the transition of state transit operating assistance to a performance-based allocation formula.

**System Expansion** – The Metrorail Silver Line expansion to Dulles International Airport is planned to open in 2020. Other projects are in development, including the Route 1 bus rapid transit project in Fairfax County and the West End Transitway in Alexandria.

**Safety for All Users**

- 5 Measures
- Fatalities and fatality rate (2)
- Serious injuries and serious injury rate (2)
- Bicycle and pedestrian fatalities and serious injuries (1)

**Performance Summary**



**Improving Performance**

**ARRIVE ALIVE VIRGINIA** is the tagline for Virginia's 2017-2021 Strategic Highway Safety Plan (SHSP). The SHSP mission is to save lives and reduce injuries through the 4E's. The SHSP includes policies, programs, and projects that detail how Virginia will achieve its safety goals.

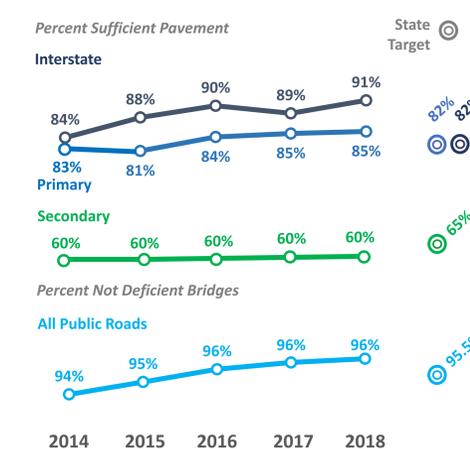
The CTB is considering policy changes to improve safety outcomes.



**Proactive System Management**

- 17 Measures
- Bridge condition by system (6)
- Pavement condition by system (7)
- Transit asset condition by type and provider (4)

**Performance Summary**



**Improving Performance**

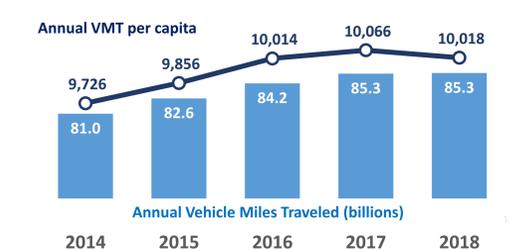
Virginia's pavement and bridge measures track the overall health of the over **128,000 lane miles** and **21,000 bridges** maintained by VDOT. These represent the **3rd largest state-maintained inventory in the United States**.

Pavement and bridge needs are assessed through an annual inspection process covering 100 percent of Interstate and Primary pavement, 20 percent of Secondary pavement, and every bridge once every two years. VDOT is testing new cost-effective maintenance strategies to optimize timing, extend the assets life, and prioritize critical infrastructure improvements.

**Healthy, Sustainable Communities**

- 6 Measures
- Vehicle miles traveled per capita (1)
- Electric and hybrid vehicle share of fleet (1)
- Statewide emissions and emission reductions (3)
- Mode Share (1)

**Performance Summary**



**1.7%** of vehicle registrations in 2018 were electric or hybrid vehicles

**619** public charging stations across Virginia

**32 – 42%** decrease in statewide on-road emissions from fine particulate matter (PM 2.5) and the ozone precursors nitrogen oxides (NOx) and volatile organic compounds (VOCs) regulated through the Clean Air Act from cars and trucks since 2014

**Improving Performance**

Virginia's commitment to communities through grant programs and SMART SCALE are encouraging compact and mixed-used development in town centers matched with a safe, multimodal transportation system.

Continuing investments in transit, commute options, and bicycle and pedestrian networks are providing more Virginians convenient and safe alternatives to driving alone.