

2021 STATE OF PUBLIC TRANSPORTATION REPORT

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TPB Technical Committee
September 9, 2022



Presentation Items

- Purpose of the 2021 State of Public Transportation (SOPT) report
- Sections
- 2020 National Transit Database (NTD) Data
- Highlights from 2021



Purpose of the 2021 SOPT report

- The purpose of the report is to provide a snapshot of public transportation activities in the region
- The focus is on the accomplishments in the region during the calendar year 2021
- The report includes 2020 transit ridership and financial data taken from the 2020 National Transit Database
- Accomplishments, plans, and studies come from TPB RPTS meetings & input from organizational representatives



Sections of the report

Part I: COVID-19's Impact on Public Transportation

- Overview of health, safety impacts and responses from service providers and ridership levels through end of 2021

Part II: Fixed Route Transit Services

- Profile sheets provide overview of ridership, operational expenses, revenue sources, recent accomplishments and system characteristics

Part III: Other Public Transit Services

- Overview of additional transit services such as paratransit and commuter services and their recent accomplishments

Part IV: Regional Public Transportation Organizations

- Information on organizations that operate, provide research or project development for public transportation

Part V: Public Transportation Accomplishments

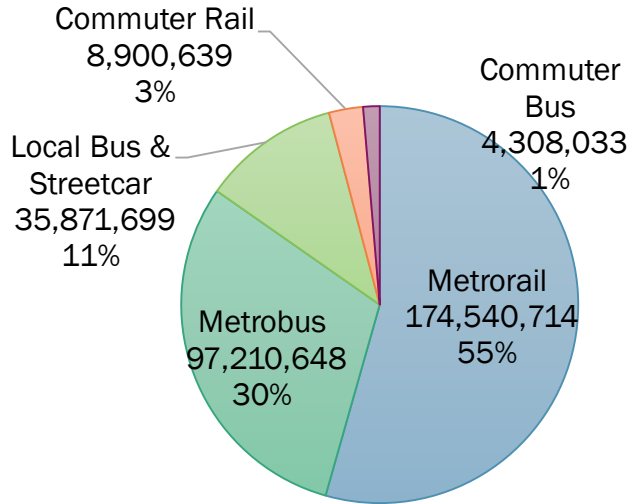
- Major studies planned, in progress or completed and significant operational achievements occurring during CY 2021 by service provider

Part VI: Transportation Planning Board

- Overview of how the TPB assists with regional public transportation including RPTS, PBPP and Visualize 2045



2020 NTD Data NCR Overview

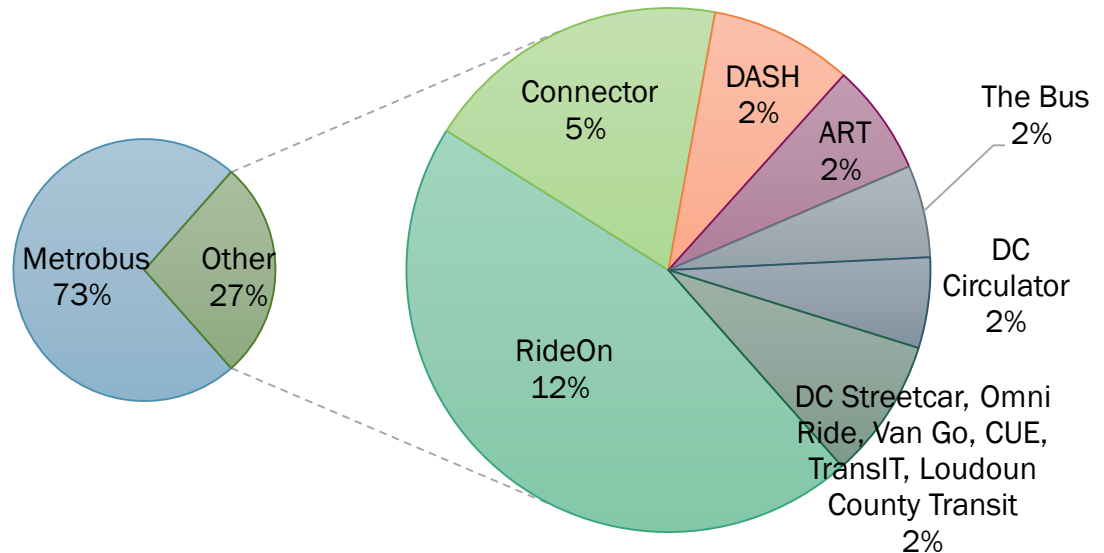


- Over **320 MILLION UNLINKED PASSENGER TRIPS** in 2020*

*MARC and MTA Commuter Bus imputed for NCR

- **OVER 40%** of trips in the region occurred by **BUS**

- 27% of bus trips occurred on local bus services



Review of the 2021 SOPTR



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY (WMATA)
METRO RAIL
 www.wmata.com



Overview

Metrorail provides safe, clean, reliable transit service for more than 134,000 customers a day throughout the Washington, DC area. The system is one of the busiest in the United States, serving 91 stations in Virginia, Maryland, and the District of Columbia. The Metrorail urban rail system is the second largest urban rail system in the country, serving a 1,500 square mile area and including 118 miles of network and 91 stations.

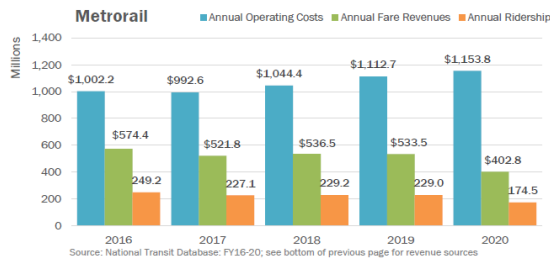
System Characteristics

- Service Type: Heavy rail
- Vehicle Fleet: 1200 passenger cars
- Routes: 6, 91 stations
- Maintenance Facilities: 9

Recent Accomplishments

- SmarTrip® on Google Play was released in 2021, allowing riders to add a SmarTrip card to their device and hold it near any card reader where SmarTrip is accepted to pay their fare. SmarTrip® has been available on iPhone and Apple Watch as of 2020.
- The Metrorail Faregate Replacement Program kicked off in Summer 2021. New pilot faregates were installed at six Metrorail stations. In addition to improved reliability, Metro's new faregates bring modernized sensor and pathway technology, new customer displays, improved illumination, and expanded station manager and control center controls.
- In 2021, four stations in Prince George's County were improved as a part of the Major Platform Rehabilitation Project. Customer experience improvements at these stations include new slip-resistant tiles, brighter energy-efficient LED lighting, and illuminated handrails.

Provider Data



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National Capital Region
Transportation Planning Board

PART V - PUBLIC TRANSPORTATION ACCOMPLISHMENTS

PART IV - REGIONAL PUBLIC TRANSPORTATION ORGANIZATIONS

PART II - FIXED ROUTE PUBLIC TRANSIT PROFILE SHEETS

PART I - COVID-19 & IMPACTS ON PUBLIC TRANSPORTATION

The following section details how service providers across the region continued to respond to the COVID-19 pandemic as the region entered the recovery phase.

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Highlights: Part I – COVID-19 & Transit

FARES

DASH provides the only fare-free bus service throughout the City of Alexandria, Virginia.
No SmarTrip card, No DASH Bus app, no cash. Just hop on and ride!



Ride On Zero & Reduced Fare Study

SEPTEMBER 21, 2021
Prepared by IBI Group for Montgomery County DOT




IBI
MCDOT


HIGHLIGHTS

- Agencies have continued many of the safety measures originally implemented.
- For some agencies, ridership returned to 60 percent or higher of pre-pandemic levels before the end of 2021.
- Agencies are re-examining their fare structure following fare suspension during the pandemic.


Doing Your Part to Keep Riders Safe



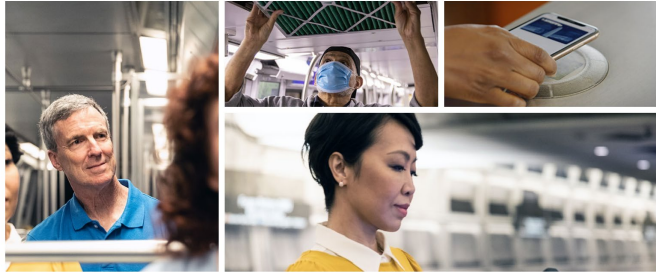
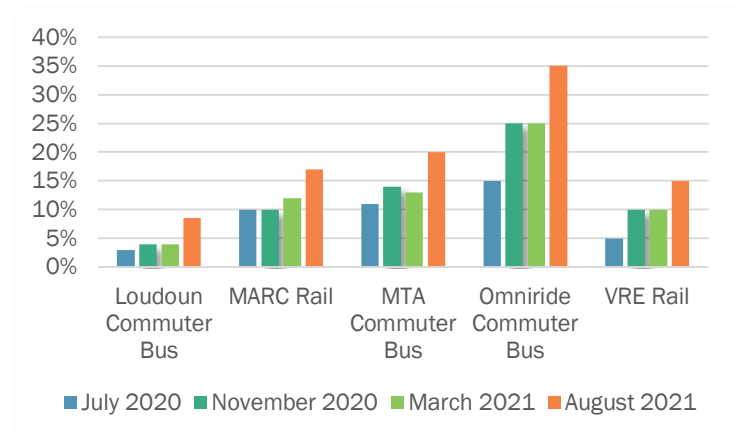
Masks Encouraged - Masks are encouraged to help protect yourself and everyone around you.



Utilize Touchless Payment - Pay using your smartphone wherever SmarTrip® is accepted.



Ride Smarter - Use tools like Trip Planner, busETA, Next Train and Metro Alerts.

Highlights: Part II – Agency Profile Sheets

Touch less. Do more.

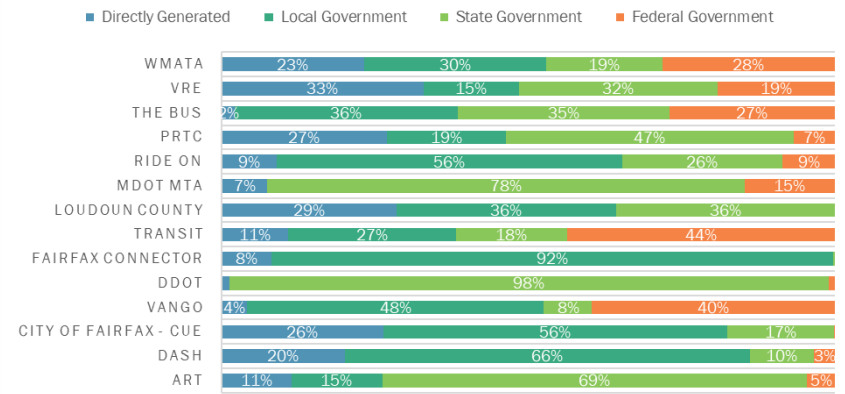
Everything you need to ride, right on your phone. Available for iOS and Android.



HIGHLIGHTS

- App / App integration improvements
- New Routes & Service Changes
- Capital Improvements
- Electric Buses

NCR TRANSIT SERVICE PROVIDERS' FY20 REVENUE SOURCES

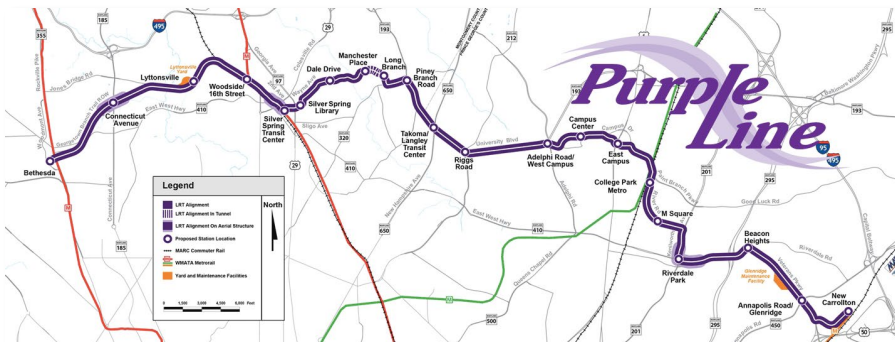


Highlights of Part III – Other Public Transit



HIGHLIGHTS

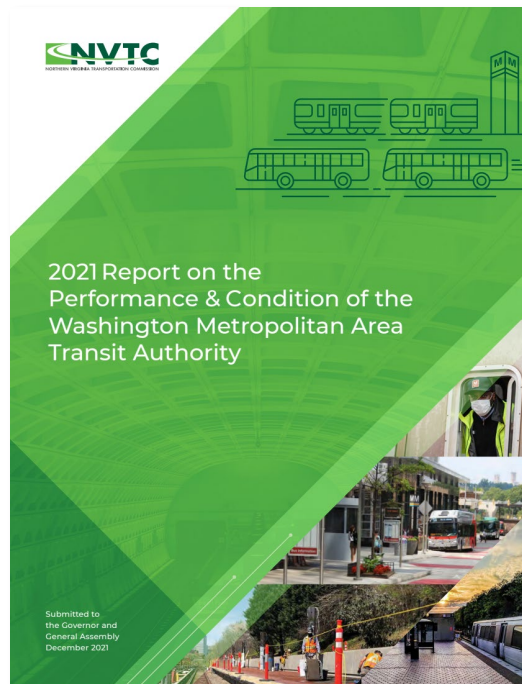
- MDOT real-time tracking for MARC Train service through the Transit app
- New design-build firm to restart construction of the Purple Line Light rail project



Highlights of Part IV – Regional Orgs

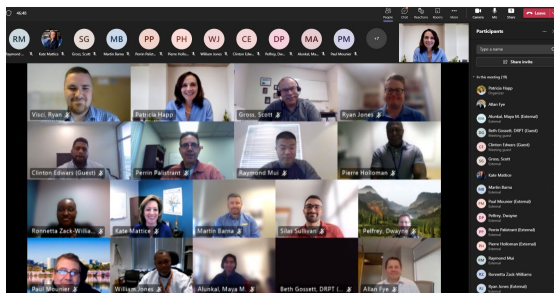
FY2022-2027 Six Year Program Phases

(Click each phase to view additional details)



HIGHLIGHTS

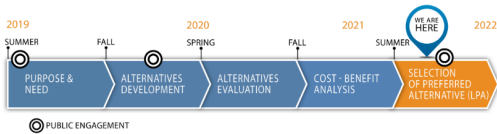
- 2021 NVTA - Call for Regional Transportation Projects for the FY2022-2027 SYP
- NVTC - fourth annual Report on the Performance and Condition of the Washington Metropolitan Area Transit Authority (WMATA) to the Virginia General Assembly.
- NVTC - zero-emission bus symposium for Northern Virginia jurisdictions and transit partner staff



NVTC-led group starts strategizing on zero-emission buses

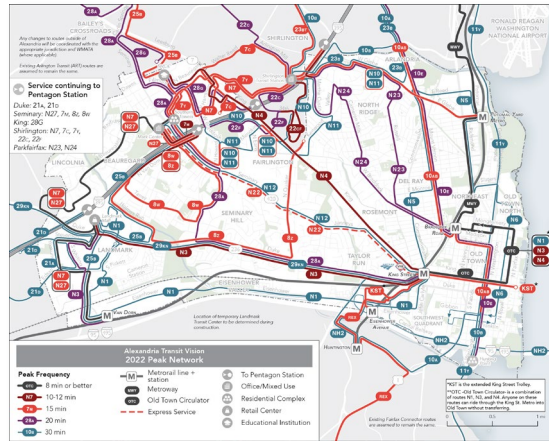


Highlights of Part V – Major Accomplishments



Project status: at a glance

- Purpose & Need:** Identify study purpose and need for improvements to the Blue, Orange and Silver lines. Assess key issues and trends in study area.
- Alternatives Development:** Identify and prepare conceptual designs that address the purpose and needs identified.
- Alternatives Evaluation:** Compare and evaluate options based on criteria including impacts on ridership, capacity, reliability and service levels.
- Cost/Benefit Analysis:** Assess total construction and operating costs for each alternative against the benefits it would produce in order to identify the most cost-effective option(s).
- Selection of a Preferred Alternative:** Selection of preferred solution, likely to be comprised of both long-range and short range solutions, described as a "locally-preferred alternative" (LPA).

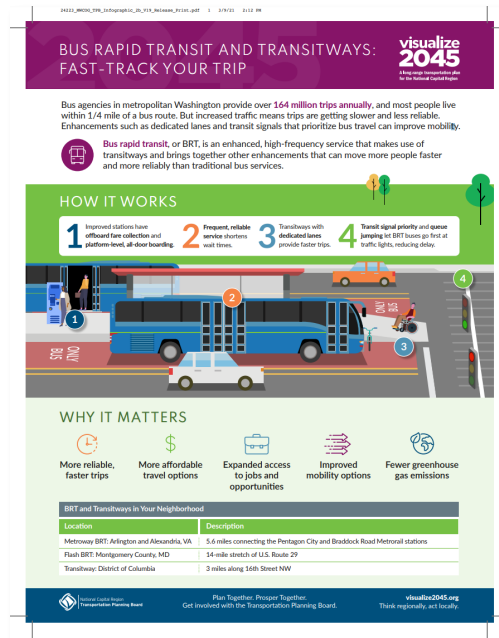
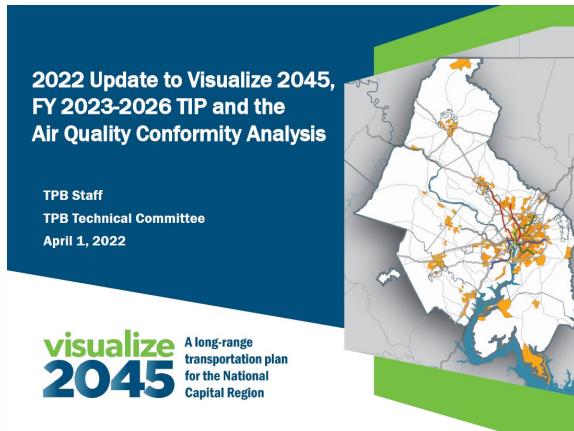


HIGHLIGHTS OF STUDIES

- Blue/Orange/Silver Line Corridor Reliability and Capacity Study Update
- DC Circulator Electrification Plan/Transit Development Plan
- DASH Low Income Fare Study & New Bus Network
- WMATA Bus Transformation Project Update



Highlights of Part VI – TPB Activities



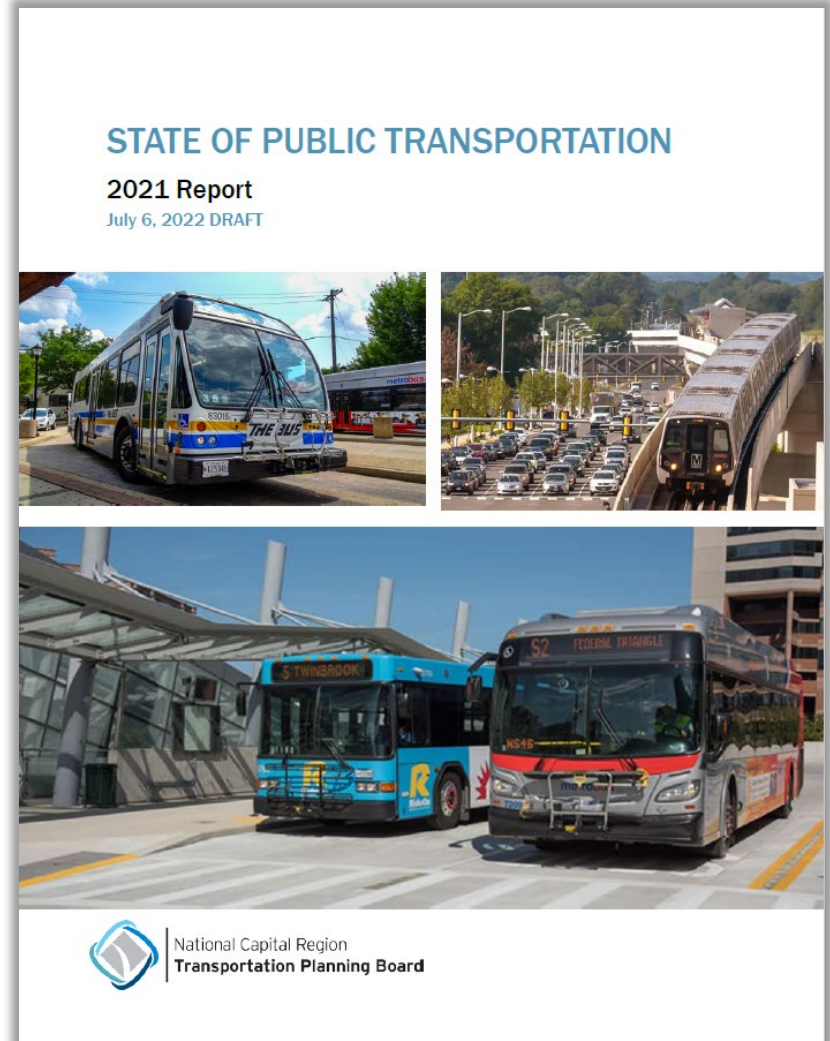
HIGHLIGHTS

- Regional Travel Survey analysis
- Transit Equity White Paper
- Transit Within Reach Program
- BRT and Transitways Infographic
- Technical Inputs to the Air Quality Conformity Analysis of Visualize 2045 2022 update
- Transit Information Questionnaire
- Primary Transit Corridors Traffic Trends Analysis
- Visualize 2045 plan progress



Next Steps

- Comments on draft report welcome through Sep. 24
- Final report will be discussed at Sep. 28 RPTS meeting
- Report finalized on Oct. 1 & published on MWCOG website



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