

KEY FINDINGS

Climate Benefits of Transit in Northern Virginia

Public transit is an environmentally-friendly alternative to cars, SUVs and light trucks that can help reduce emissions.



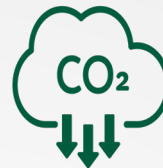
Published March 2024
Read the full report at:
www.novatransit.org



100% of all transit buses, even diesel buses, are a much greater environmental option than using cars.



85% of all cars need to be electric for electric buses to be as good for the climate as diesel buses are today.



Nearly **120,000** metric tons of carbon dioxide (CO₂) reduced annually with the use of public transit.



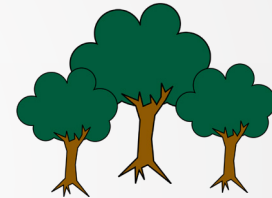
120,000 metric tons of CO₂ is equivalent to:



13.5M
gallons of gasoline



27,000
cars driven for one year
(end to end, from DC to
Richmond)



Almost **2M** tree
seedlings grown for
10 years



Climate Benefits of Transit in Northern Virginia

“As Northern Virginia continues to attract new residents and businesses, we need to think about ways to make it a healthy region for our children and grandchildren. This report bolsters what we already know, encouraging as many people as possible in our region to ride public transit is good for the environment. It reduces greenhouse gas emissions and traffic congestion, helping save our climate for generations to come.” - NVTC Chair Matt de Ferranti



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How the region can use transit to reduce Northern Virginia emissions:

- 1 Short Term**
 - Increase ridership
 - Reduce miles and hours when a bus or train is operating empty
- 2 Mid Term**
 - Increase the amount of transit services
 - Speed up buses with bus priority infrastructure and policies
- 3 Long Term**
 - Transition to zero emission buses

