

Public Transportation and Air Quality



Utah Transit Authority



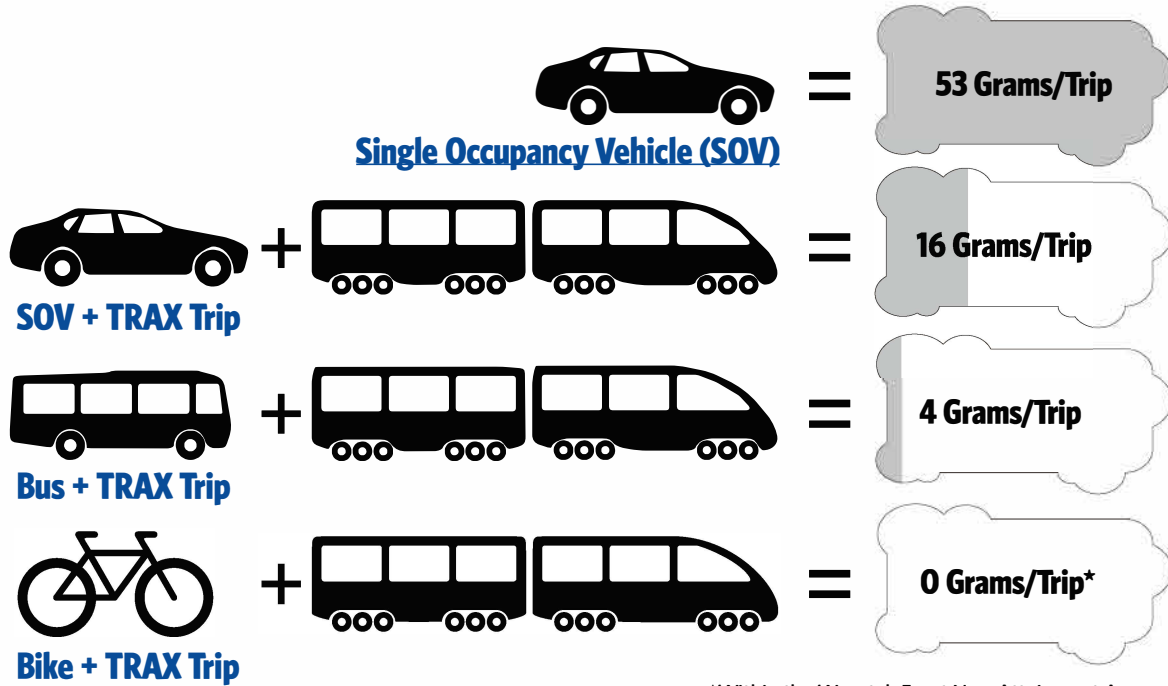
How Riding Transit Benefits our Air Quality...

Choices Matter

One commuter trip (7 miles average) in a single-occupant vehicle produces more than 53 times the emissions of a commuter who bikes to a TRAX station and uses public transit.

Emissions Per Passenger Per Trip

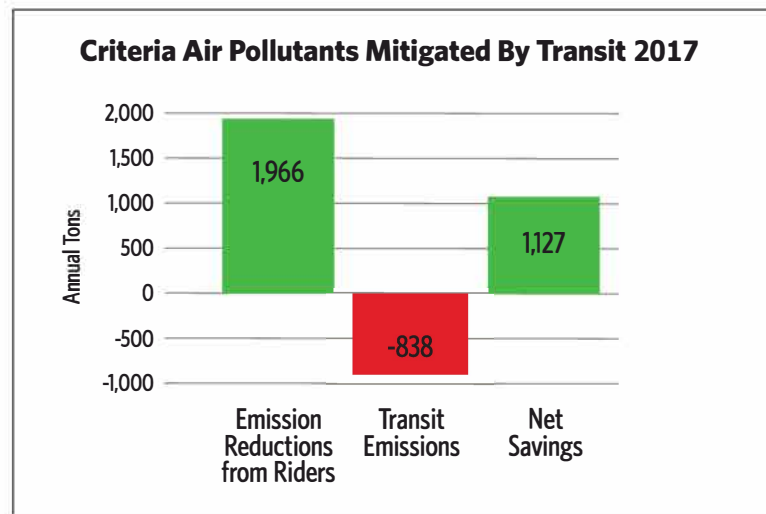
(Includes: NO_x, SO_x, CO, HC, PM)



*Within the Wasatch Front Non-Attainment Area

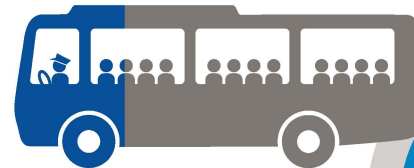
Emission Savings from using Public Transportation

In 2017, from those who rode transit instead of driving a car, UTA produced a net savings of over 1,100 tons of criteria air pollutants (NO_x, SO_x, CO, HC, PM) across the Wasatch Front.



More Bang for the Bus

With UTA's newer and cleaner buses, it only takes 1.26 passengers to offset the emissions of that bus!



Doing Our Part for Better Air Quality...

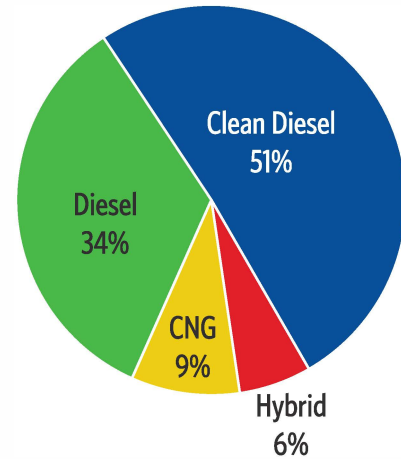
Clean Air Champion Initiative

Clean Air Champions are business leaders in our community that show dedication to our State's well-being. As a Clean Air Champion, UTA is committed to help improve air quality through multiple employee engagement efforts.



Fleet Mix

UTA's current bus fleet mix includes diesel-electric hybrid, compressed natural gas (CNG), diesel, and clean diesel buses.



APTA Sustainability Commitment

The American Public Transportation Association (APTA) Sustainability Commitment recognizes members who commit to becoming more sustainable in their operations and practices. UTA has achieved Bronze level recognition.

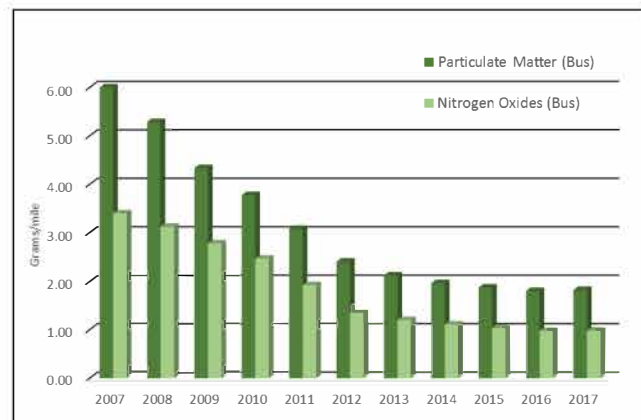


Continuous Improvement

By replacing older buses with newer clean diesel fuel buses, UTA has reduced NOx emissions from the entire bus fleet by more than 72% since 2007. Particulate Matter (PM) is estimated to have been reduced by more than 71% for the same period.

UVX Bus Rapid Transit

UTA began the Utah Valley Express bus rapid transit service in August 2018. Twenty-five articulated New Flyer diesel-electric hybrid buses provide frequent and fast service along its 10.5 mile route in Provo and Orem. A federal Congestion Mitigation and Air Quality (CMAQ) grant is providing free fare to the public for three years in addition to an agreement with BYU and UVU providing free fare to students, faculty, and staff for ten years. Alternative fuel buses and free fare agreements are a couple of ways UTA is working towards increasing ridership and decreasing single-occupancy vehicle trips for better air quality.



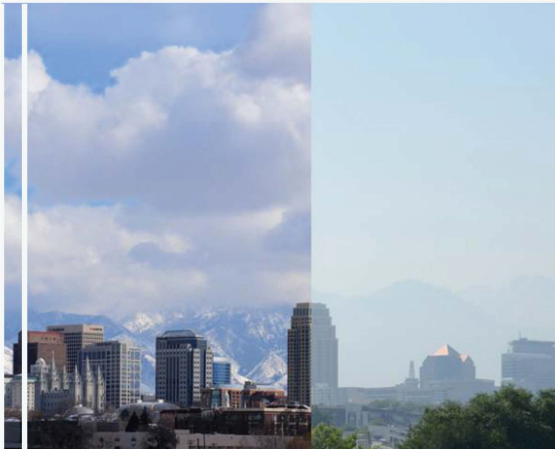
UTA Services and Programs to Help Improve Air Quality

UTA Vanpool

UTA leases vans to people who travel to and from similar locations. In 2017, almost 1,265,000 vanpool trips were made. Most vanpools have seven to 15 passengers and they split the cost evenly. The more riders you have, the more you save! Vanpools help you make commute times more productive and improve air quality, too. Learn more at: <https://www.rideuta.com/Rider-Info/Vanpool>.



When businesses participate in a UTA pass program, employees get more than just another transportation choice. UTA passes help employees improve air quality across the Wasatch Front by not driving to work and reduces traffic congestion, too. To learn more about UTA pass programs, please visit: <https://www.rideuta.com/Fares-And-Passes/Pass-Programs>.



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