



Image courtesy of County Lemonade via Flickr.



Utah Transit Authority

Transit and Air Quality



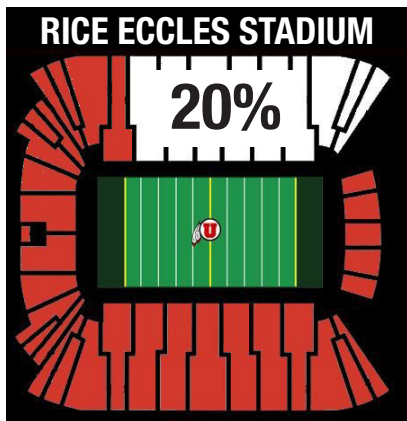
February 2014





Special Events

Beginning in 2013 tickets for any University of Utah sporting event are valid as full fare on the UTA system. For the first game of the 2013-2014 football season, TRAX carried 20% (9,000) of fans to the game against Utah State, eliminating about 7,500 auto trips to the campus.



Active Transportation

UTA is always looking to improve the number of non-automobile travel options and as well as ease of accessibility to transit. In a recent survey of stations along the newly completed Mid-Jordan TRAX line, UTA found that 27% of people using the TRAX system either walked or rode their bicycle to their station platform.



Transit and Air Quality by the Numbers

120,000

Car trips taken off the road by transit daily - ***more than the total number of new vehicles sold in Utah each year.***



850,000

Vehicle Miles Traveled (VMT) saved daily - the same as driving from Salt Lake City to New York City and back 195 times every day.



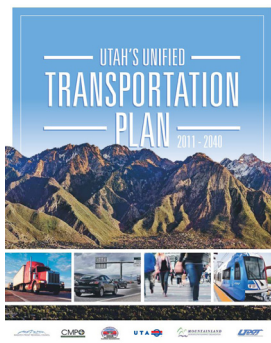
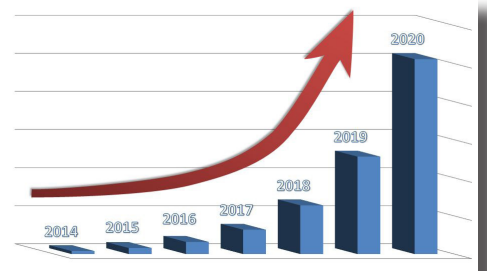
2,000

Tons of net criteria emissions eliminated annually - enough to fill more than 150 city garbage trucks.



Doubling Ridership

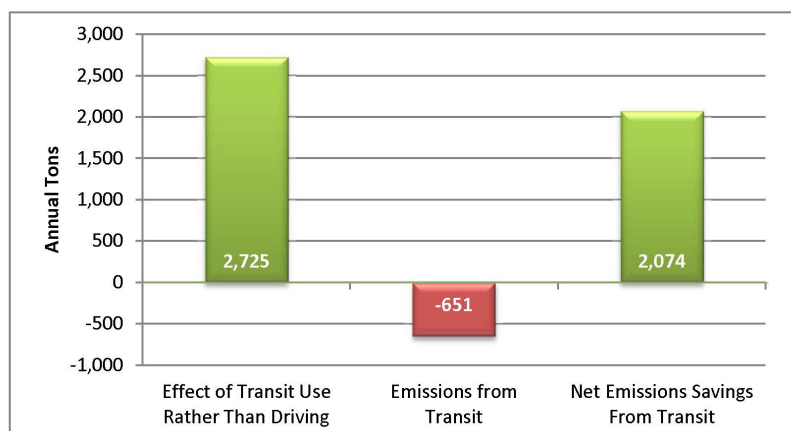
UTA's 2020 Strategic Plan identifies an aggressive goal to double ridership by the year 2020. Achieving this goal will not only double the air quality benefits



realized today by UTA, but this will represent a significant change in the cultural perception of transit as a key player in the helping improve air quality along the Wasatch Front. In order to accomplish this aggressive goal, UTA is committed to supporting full funding of the \$70 billion in transportation needs identified in the Unified Transportation plan.

UTA - Doing our Part

For all criteria air pollutants*, UTA produces a net savings of more than 2,000 tons annually in vehicle emissions.



*NOx, VOC, CO, SOx and PM

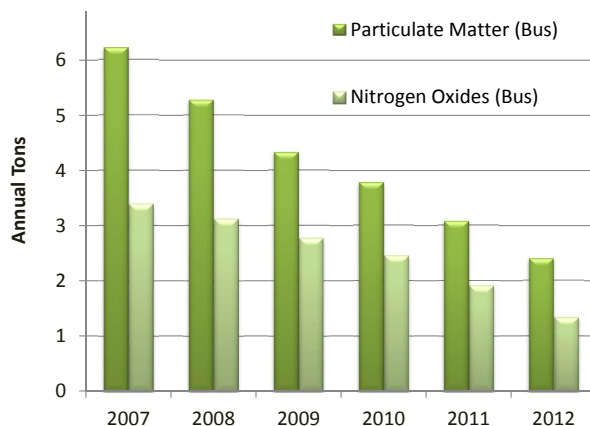
A Cleaner Bus

UTA is always investigating newer, cleaner technologies for its bus fleet. UTA recently partnered with Utah State University and the University of Utah to incorporate “wireless power transfer” (WPT) technology on a pilot campus shuttle project. This technology



is a zero emissions technology in the UTA air shed. In 2013 UTA also began acquiring a new fleet of CNG fuel buses with the potential to expand to more than 100 buses in the near future. And in 2007 UTA began

acquiring new clean diesel fuel buses in order to meet the new Federal nitrogen oxide (NOx) emissions standards. By replacing older buses with these newer clean diesel fuel buses, UTA is on track to reduce NOx emissions from the entire bus fleet by more than 79% by the year 2015. Particulate matter (PM) is estimated to be reduced by more than 60%.



25%

Percentage of home based work trips that currently use transit to reach Downtown Salt Lake City every day. For every additional 1% increase, 1,000 vehicles are removed from Salt Lake City streets.



10 million

Number of vehicle miles per day that could be removed from roads along the Wasatch Front if everyone that drives to work would take transit one day a week.

What are criteria pollutants?

Criteria pollutants are elements that the Environmental Protection Agency (EPA) regulates and are “considered harmful to public health and the environment.” They are the elements that create smog in the winter and haze in the summer along the Wasatch Front.





UTA - Bringing clean air to future generations.

UTAH TRANSIT AUTHORITY



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