Connected 2050 DRAFT

LONG-RANGE TRANSPORTATION PLAN (LRTP) FOR THE ST. LOUIS REGION

CONNECTED 2050
Long-Range Transportation Plan for the St. Louis Region

EAST-WEST GATEWAY
Council of Governments

LRTP Purpose

Regional vision and priorities for the St. Louis transportation system (20+ year horizon)

- highways
- bridges
- public transit
- bicycle and pedestrian routes

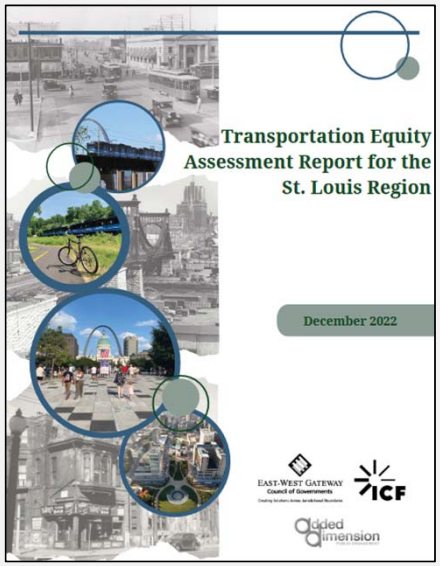
Must balance technical needs, budgetary constraints, and public desires

Contents

- Defines regional transportation policy through **guiding principles**
- Establishes and tracks regional **performance measures**
- Determines a fiscally constrained **list of priority projects**

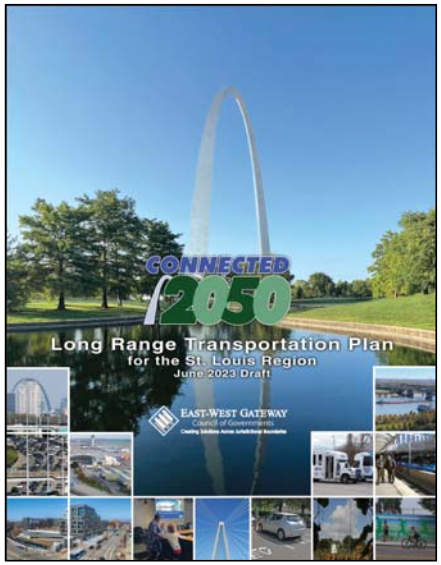
CONNECTED 2050
Long-Range Transportation Plan for the St. Louis Region

Transportation Equity Assessment

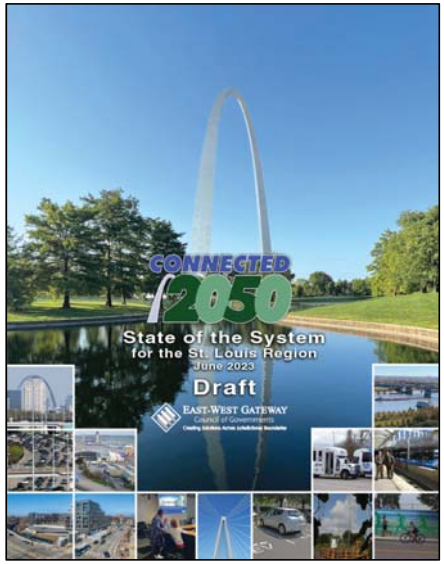


CONNECTED 2050

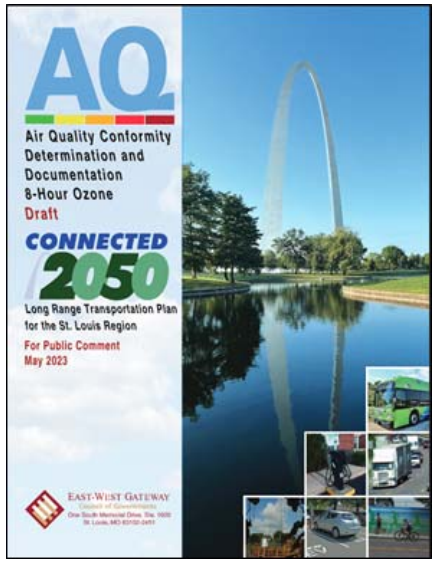
LRTP



State of the System



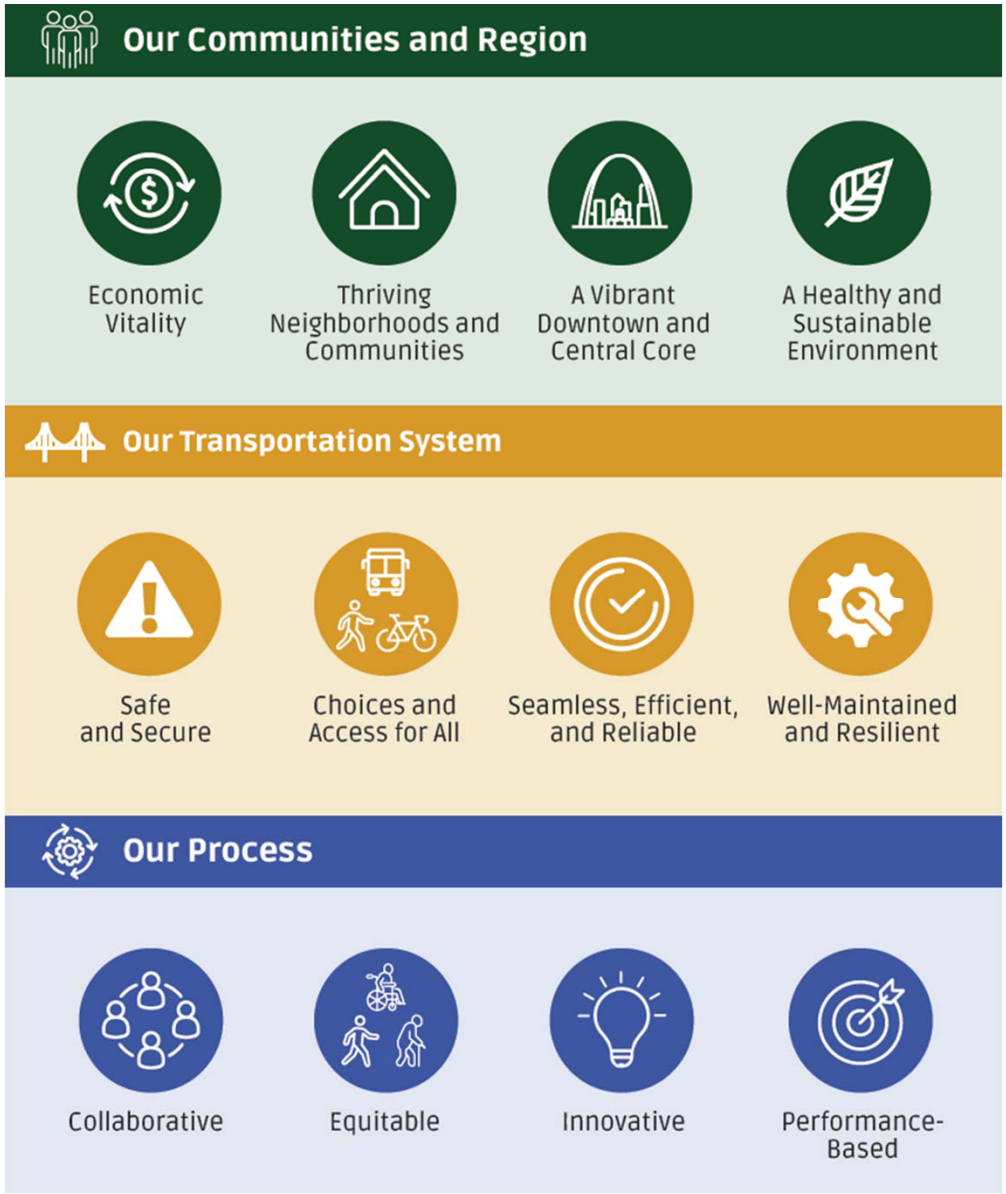
AQCD



Guiding Principles

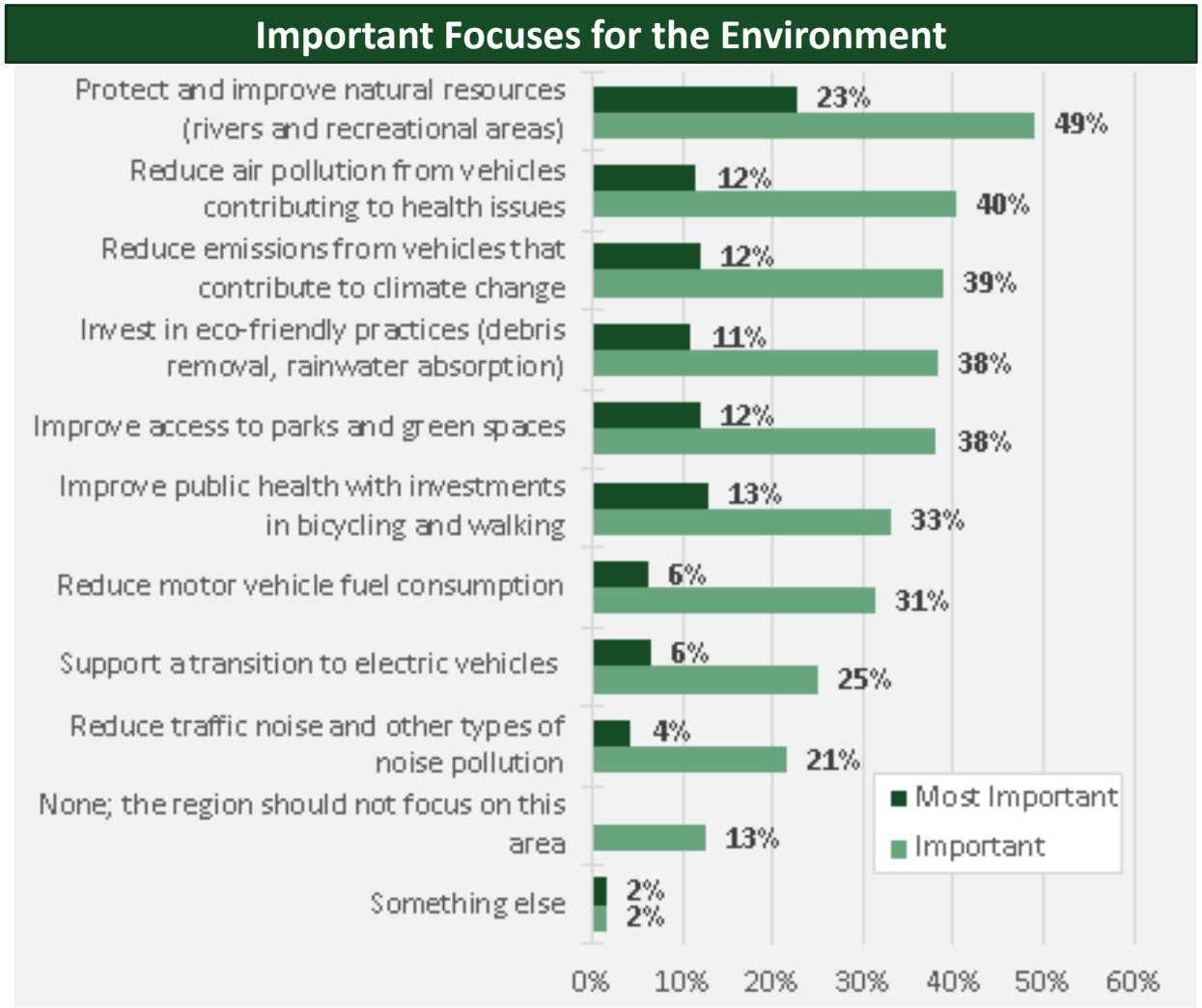
Guiding Principles

- Developed based on an extensive public and stakeholder engagement process
- Approved by the EWG Board of Directors in October 2022
- New principles increase focus on **resilience** and recognize the importance of an **equitable**, **collaborative**, and **innovative** regional transportation planning process.



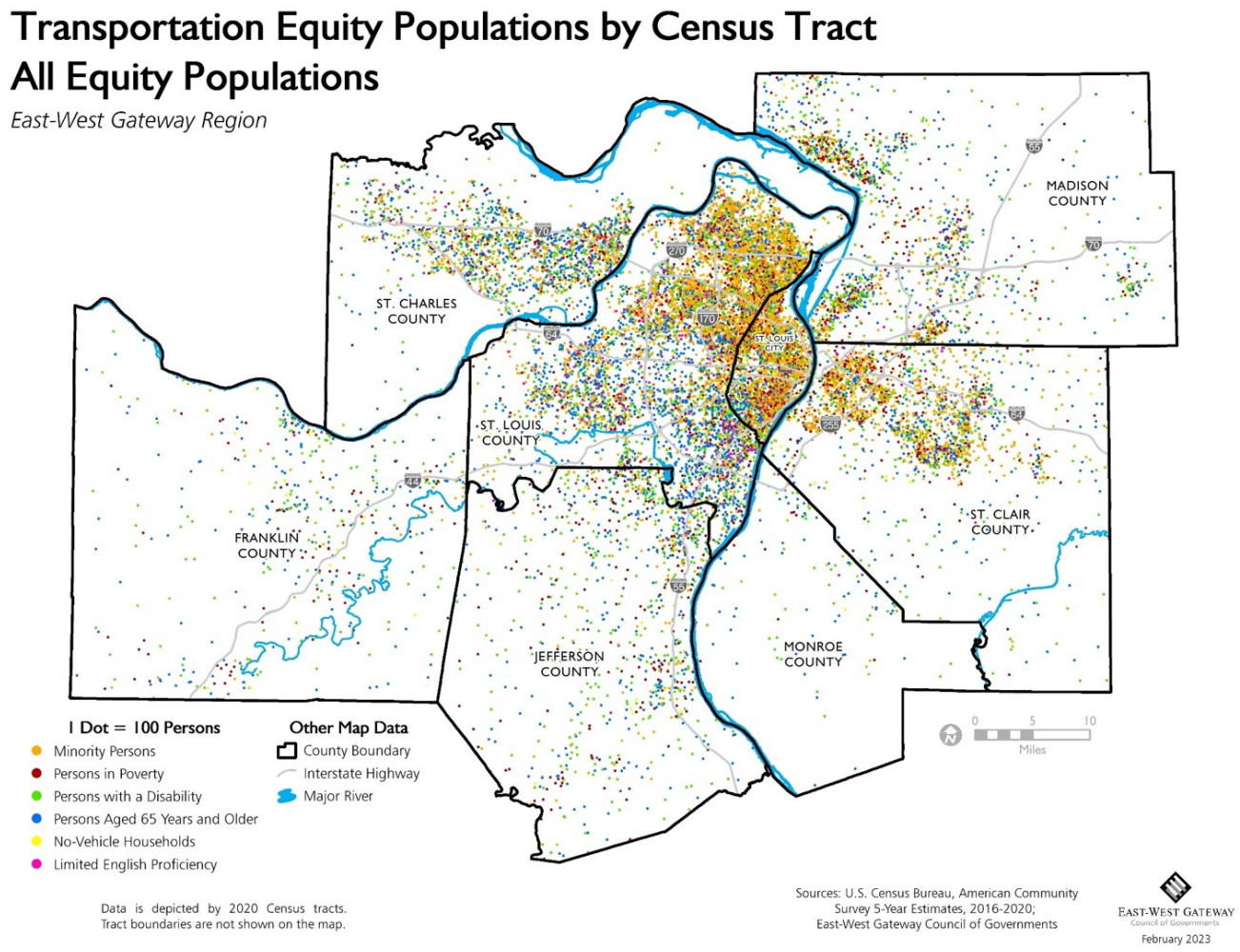
A Healthy and Sustainable Environment

Ensure clean air and waterways and reduce emissions contributing to climate change to support the health and well-being of our communities



System Performance

Equity Context



Transportation Pollution and Environmental Hazards

Analyzed three metrics that are tracked as part of

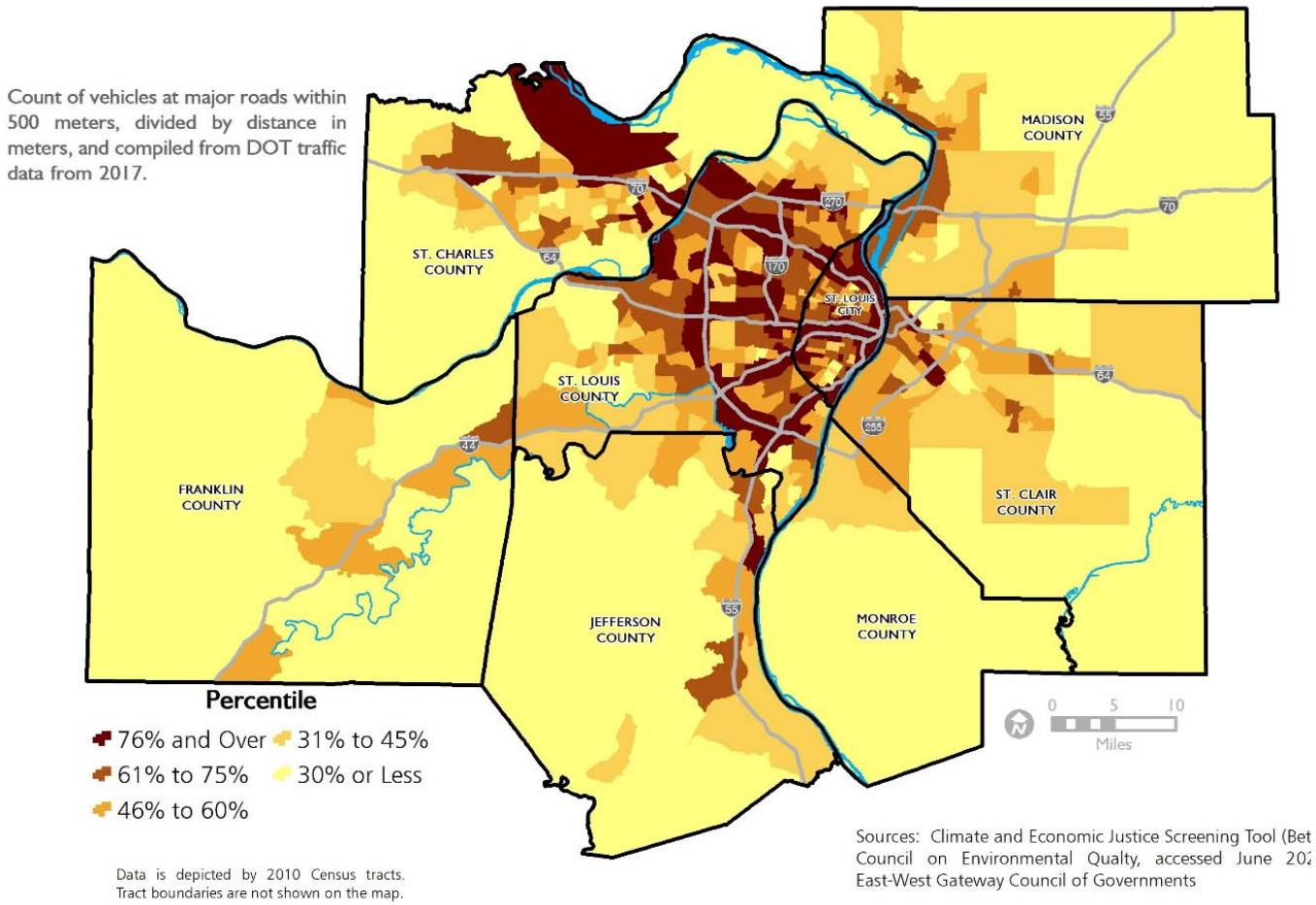
- Climate and Economic Justice Screening Tool (CEJST) and/or
- U.S. Environmental Protection Agency (EPA) EJSCREEN Environmental Justice Mapping and Screening Tool.

Traffic Proximity Metric

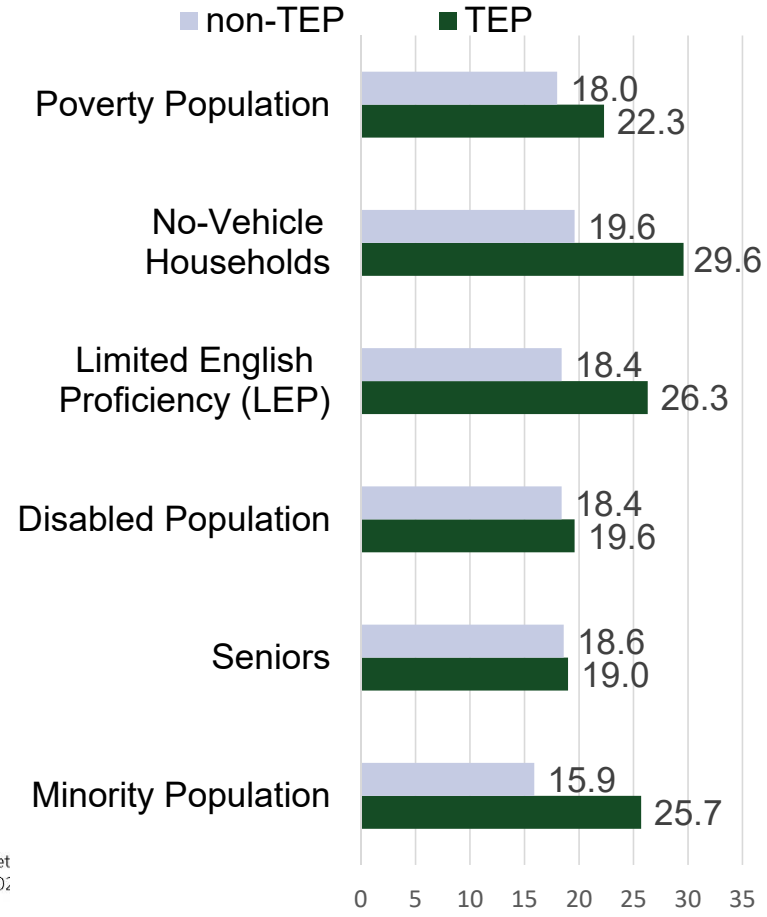
Diesel Particulate Matter Emissions

Asthma

Traffic Proximity

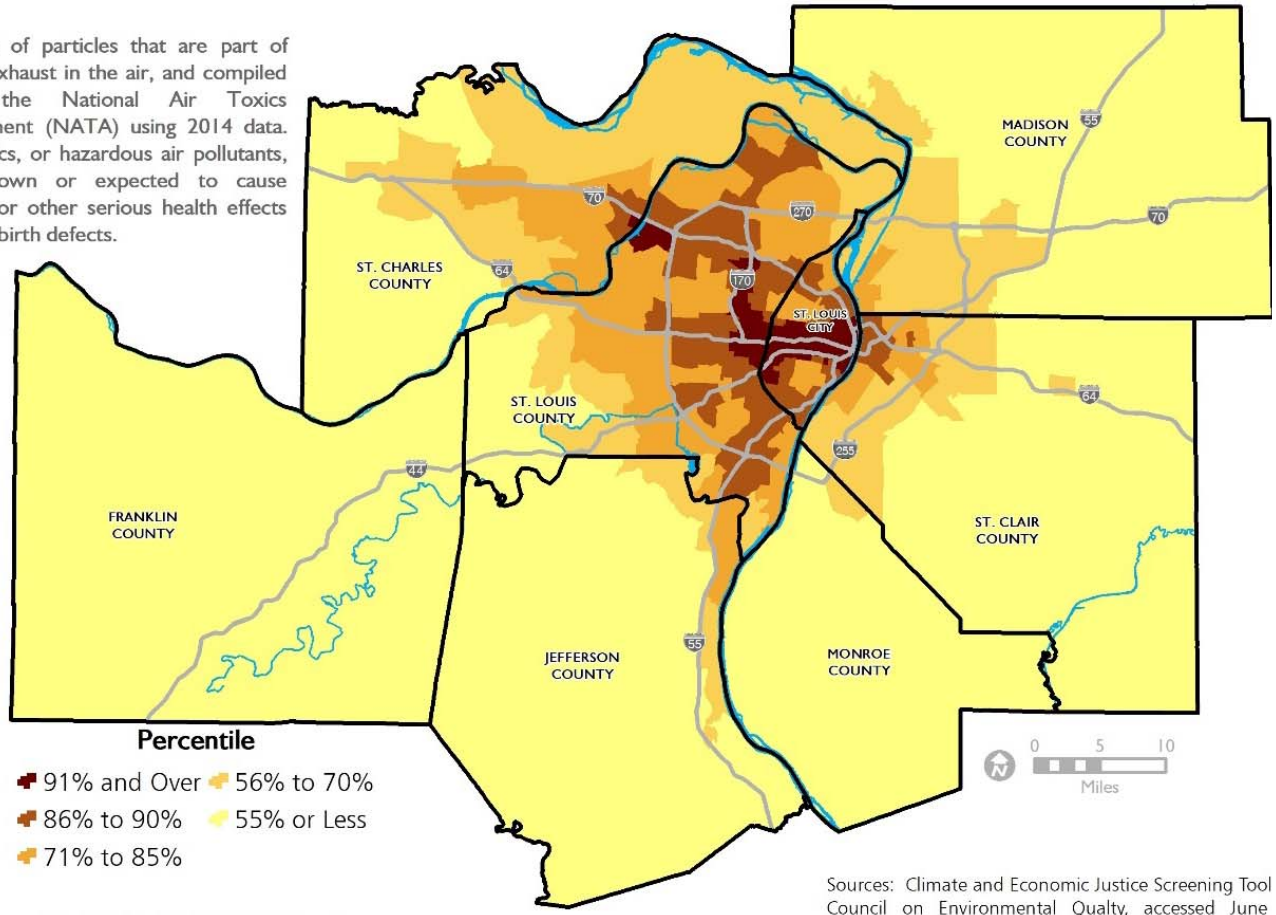


Percent of population group living in a census tract at >75 percentile for the U.S.



Diesel Particulate Matter Emissions

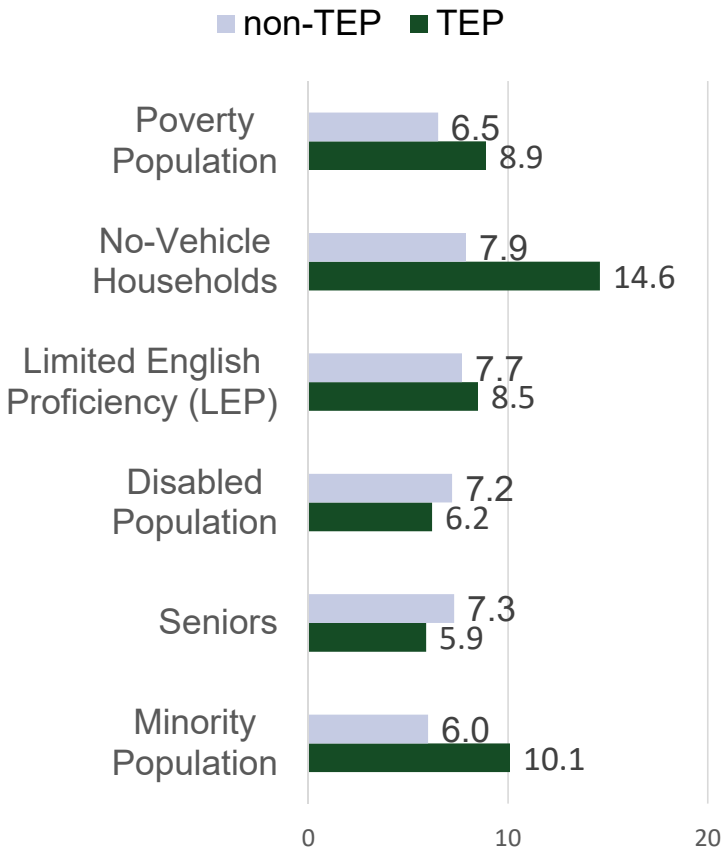
Mixture of particles that are part of diesel exhaust in the air, and compiled from the National Air Toxics Assessment (NATA) using 2014 data. Air toxics, or hazardous air pollutants, are known or expected to cause cancer or other serious health effects such as birth defects.



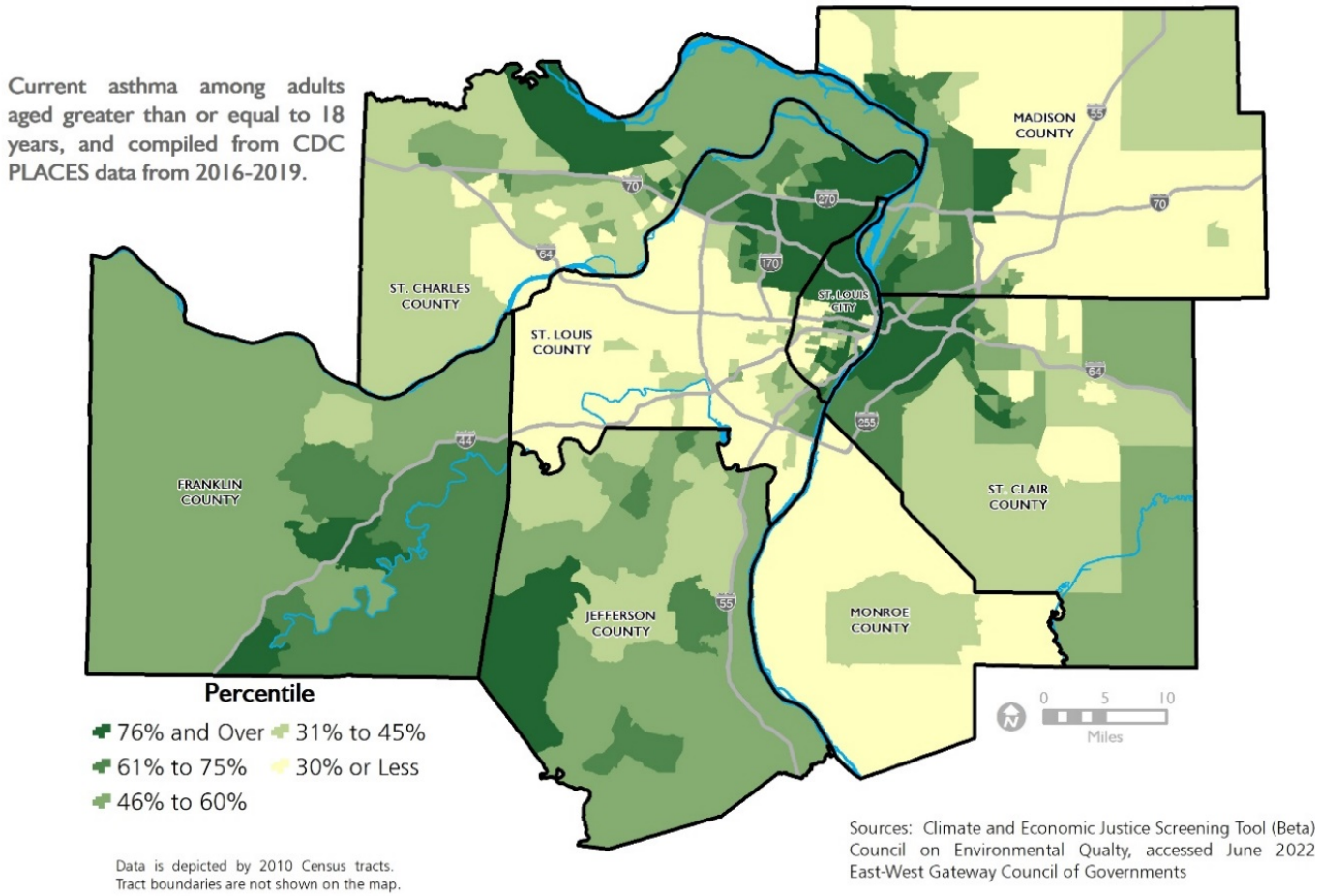
Data is depicted by 2010 Census tracts. Tract boundaries are not shown on the map.

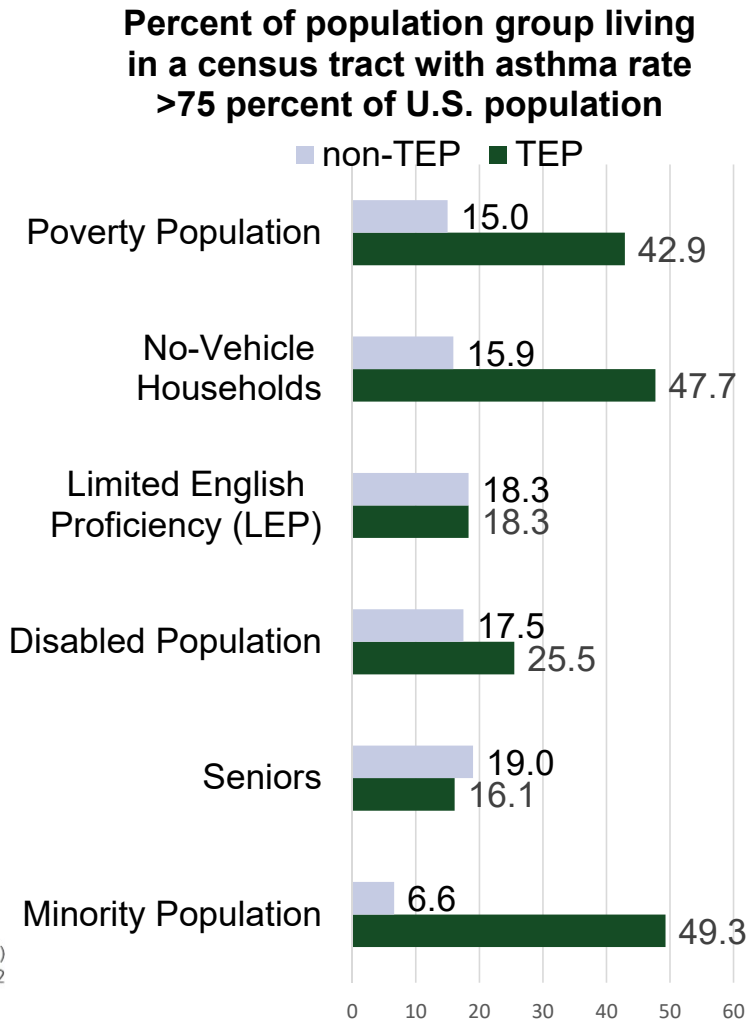
Sources: Climate and Economic Justice Screening Tool Council on Environmental Qualty, accessed June East-West Gateway Council of Governments

Percent of population group living in a census tract in >75 percentile



Asthma

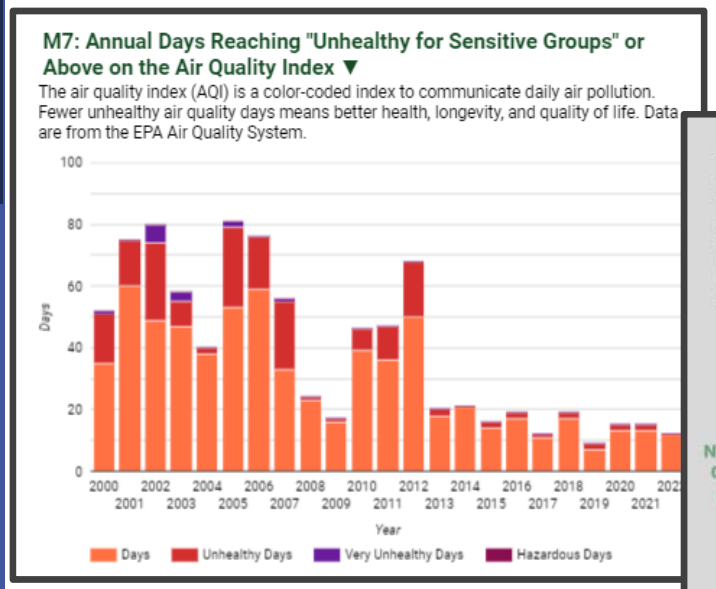

Current asthma among adults aged greater than or equal to 18 years, and compiled from CDC PLACES data from 2016-2019.
MADISON COUNTY
ST. CHARLES COUNTY
ST. LOUIS COUNTY
ST. LOUIS CITY
FRANKLIN COUNTY
ST. CLAIR COUNTY
JEFFERSON COUNTY
MONROE COUNTY
Percentile
76% and Over
61% to 75%
46% to 60%
31% to 45%
30% or Less
0 5 10
Miles
Data is depicted by 2010 Census tracts.
Tract boundaries are not shown on the map.
Sources: Climate and Economic Justice Screening Tool (Beta) Council on Environmental Qualty, accessed June 2022
East-West Gateway Council of Governments

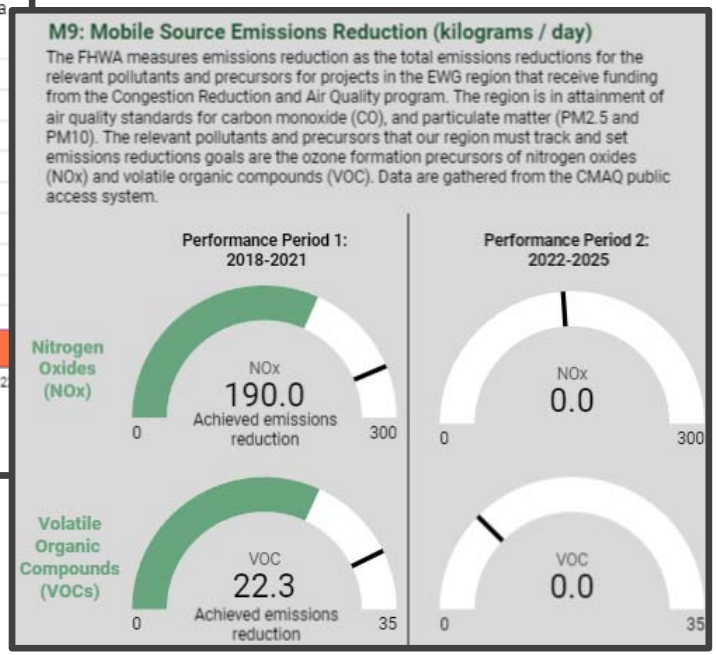

Percent of population group living in a census tract with asthma rate >75 percent of U.S. population
non-TEP
TEP
Poverty Population
15.0
42.9
No-Vehicle Households
15.9
47.7
Limited English Proficiency (LEP)
18.3
18.3
Disabled Population
17.5
25.5
Seniors
19.0
16.1
Minority Population
6.6
49.3
0
10
20
30
40
50
60

System Performance

40 performance measures

- 25 federally-required
- 3 focus on transportation disparities





Transportation Equity Indicators (EI)

Transportation Equity Populations (TEPs) face disparities in how they interact with the transportation system and how they are effected by the system. Equity indicators measure some of these disparities. They specifically compare outcomes for two groups by calculating a ratio of percentages. The score can range from 0 to 100, with a score of 100 indicating no discernable disparity.

DPM Disparity (2019)

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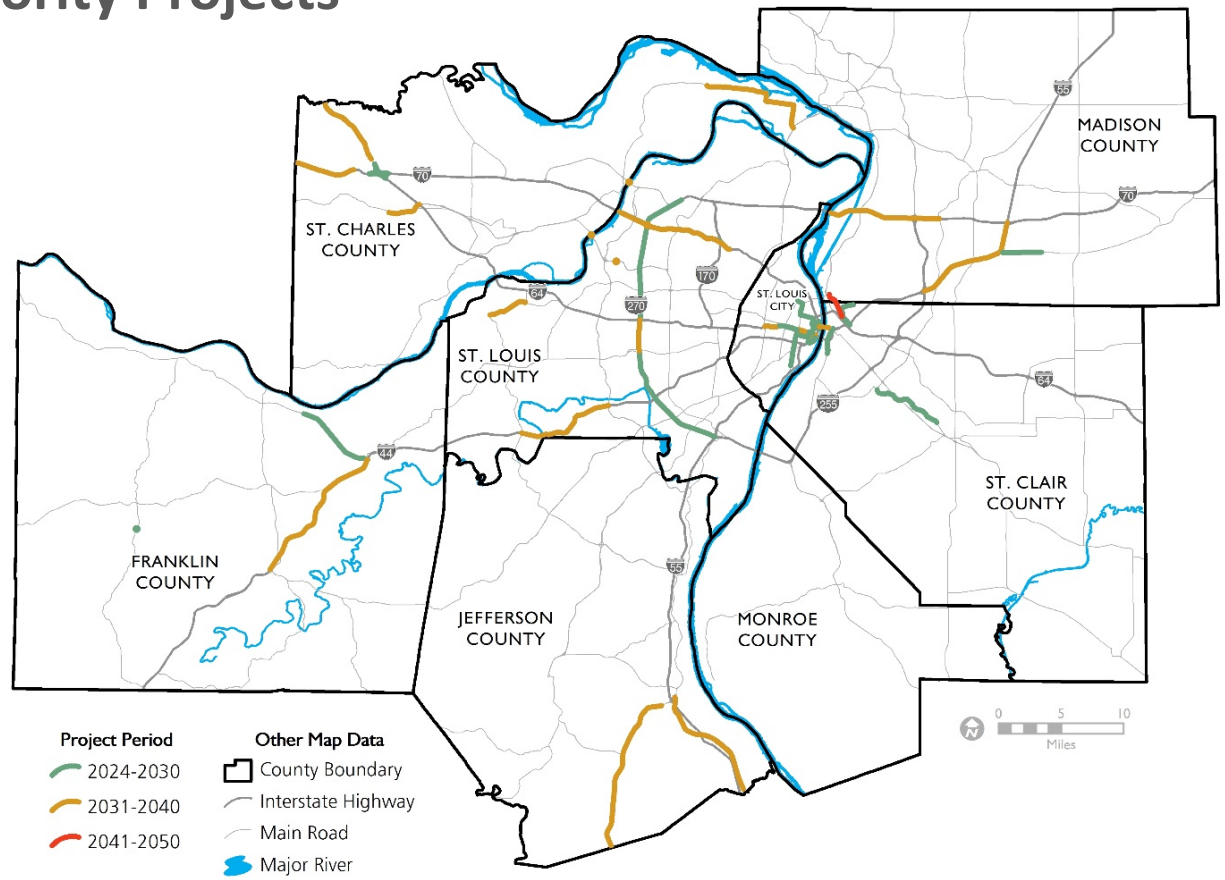
Investment Priority Projects

Project Selection

Guiding Principles	Project Measures
Economic Vitality	supports regional freight movement and connections supports access to employment centers or tourism sites supports regional access to planned economic development opportunities supports access to jobs for Transportation Equity Populations*
Thriving Neighborhoods and Communities	increases access to parks, education, groceries, healthcare, or essential services* supports community life and placemaking* reduces adverse impacts of transportation on communities* improves multimodal connectivity*
A Vibrant Downtown and Central Core	improves access to, or travel options within, the downtown or central core
A Healthy and Sustainable Environment	improves air quality and/or reduces greenhouse gas emissions* supports improved water quality does not adversely affect ecologically significant areas
Safe and Secure	reduces traffic-related fatalities and serious injuries improves safety for people walking and biking. supports crime prevention and security (including reducing terrorism risk).
Choices and Access for All	improves access for people with disabilities* improves transit services, transit rider experience and/or connections to transit enhances bicycling and/or walking supports other alternatives to driving alone (e.g carpool, rideshare) enhances multimodal travel options for Transportation Equity Populations*
Seamless, Efficient, and Reliable	improves travel time reliability supports efficient management of the system (e.g. traveler information systems) improves freight reliability improves intermodal freight connections
Well-Maintained and Resilient	addresses bridge preservation need addresses pavement preservation need addresses transit preservation need improves evacuations (e.g., due to terrorism, weather, etc.) supports transportation infrastructure to withstand extreme weather.

Investment Priority Projects

Connected 2050 Investment Priority Projects



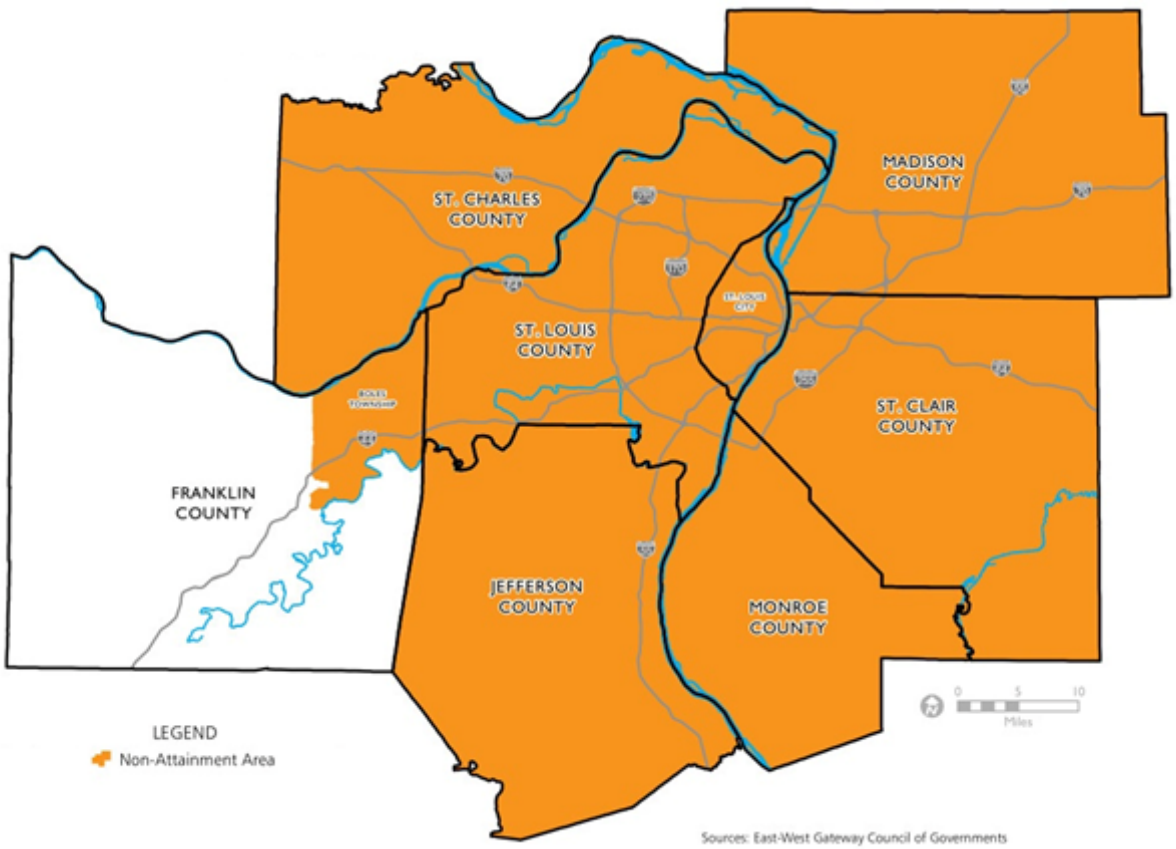
Source: East-West Gateway Council of Governments

EAST-WEST GATEWAY
Council of Governments
March 2023

Air Quality Conformity Determination

- Much of the St. Louis region is designated at a non-attainment area for the 2015 ozone standards (maintenance area for the 2008 ozone standard)
- All air quality tests passed based on the future transportation network defined in the LRTP

Non-Attainment Area, 2015 Ozone Standard, 2022



Public Comment Period

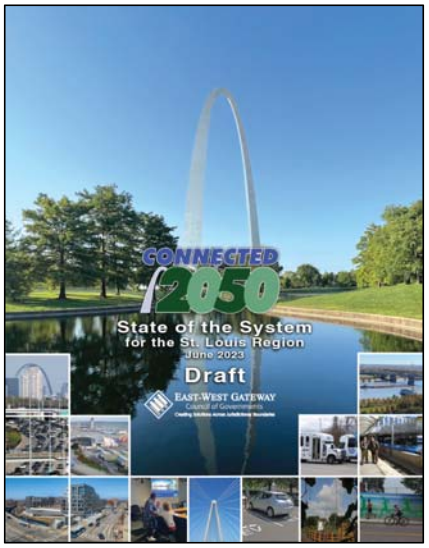
MAY 8 TO JUNE 7

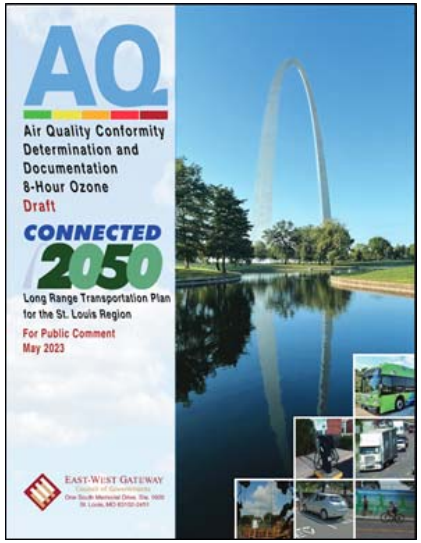
Ways to Provide Feedback

Comments can be submitted on all 3 documents via:

- Online at https://www.surveymonkey.com/r/connected2050
- Email at LRP@ewgateway.org
- Mail at 1 S. Memorial Dr., Suite 1600 St. Louis, MO 63102

The final Connected 2050 LRTP document, SOS document, and AQCD are expected to go to EWG's Board of Directors for approval in June 2023.





Thank you!