

Measuring Accessibility in greater Kansas City

Ron Achelpohl, PE

Director of Transportation and Environment Mid-America Regional Council Kansas City, Missouri

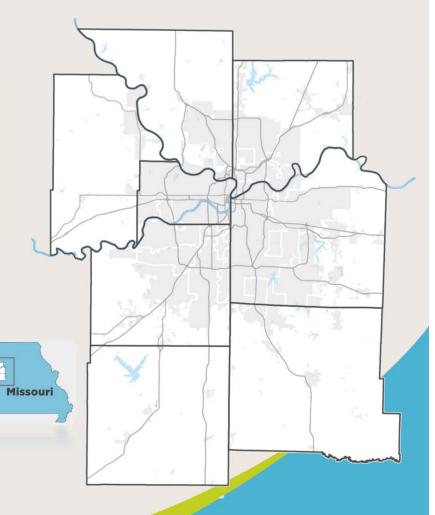
Mid-America Regional Council:



Nonprofit Association of Governments and the Metropolitan Planning Organization for the bistate Kansas City region.

MPO includes:

- 2 states, 8 counties, 110 cities
- 3,850 square miles
- 1.9 million population
- 1 million workers



Policy framework and measures

vibrant

connected

green

Economic Vitality	Placemaking	Equity	Transportation Choices	Safety and Security	System Condition	System Performance	Public Health	Environment	Climate Change and Energy Use
Freight movement Transportation costs Activity centers	Multimodal options	Environmental Justice	Transit service Bicycle/pedestrian accessibility	Crash fatalities Disabling injuries	Bridge conditions Pavement conditions	Travel speeds Congestion Travel times Observed-to-posted speeds	Ozone pollution Physical health Physical inactivity	MetroGreen network	Vehicle miles traveled Vehicle occupancy













How we measure accessibility



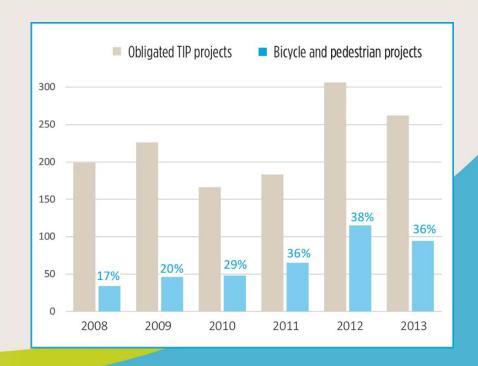
Transportation Choices

Transit:

- Hours of service provided by public transportation vehicles serving passengers.
- Total passenger boardings onto public transportation vehicles.

Active Transportation:

Number of TIP projects
 with bicycle and pedestrian
 facilities.



How we use these measures

- Annual performance measures report
 keeping decision makers aware of trends, as part
 of the Metropolitan Transportation Plan,
 Transportation Outlook 2040
- Programming policies
 Planning committees incorporate trends into priority recommendations for projects
- Programming committees
 Accessibility related measures used for project scoring and prioritization for funding recommendations

New initiatives

• TIGER: Workforce Connex

Implementation planning to double the number of jobs accessible by transit in the Kansas City region in 10 years.

- How to measure "jobs accessible by transit"?
- How to connect inaccessible jobs with new transit service?
- How to add jobs where there is already transit service?