Sustainable Places Policy Committee

July 12, 2024

Welcome and we're glad you can join us today!

For those attending virtually, please enter your name and organization in the Chat box for attendance purposes. **If you are not a committee member,** please mute your Audio and turn your Screen off once the meeting begins. Also please put all questions into the Chat box for meeting summary purposes.

Thank you!

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Sustainable Places Policy Committee

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- 1. Welcome and introductions
- 2. Approval of the May 10, 2024 meeting summary*

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* Vote

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3. Regional Forecast Update



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4. Connected KC 2050 Project Prioritization

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REGIONAL TRANSPORTATION PLAN

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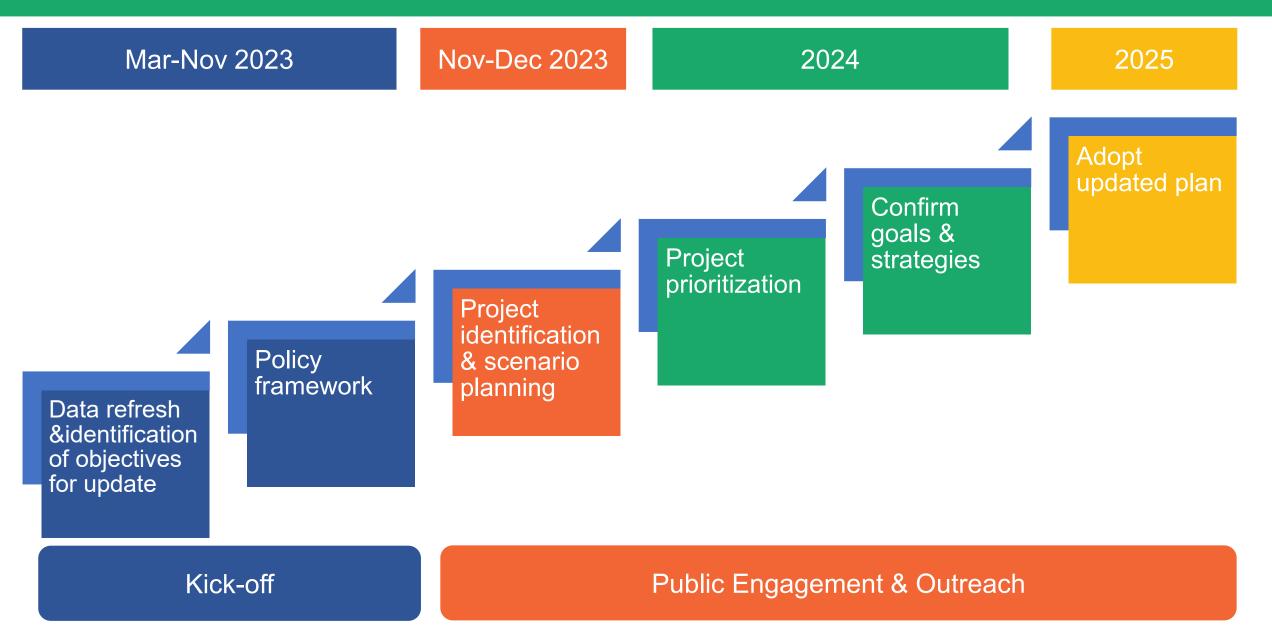
Plan Update July 2024

PRESENTATION AGENDA

- Plan update timeline
- Completed work
- Financial analysis & forecast
- Project prioritization
- Next steps



PLAN UPDATE TIMELINE



Completed Work

CKC2050 Update Kick Off

- Data refresh
- Identification of objectives for update
- Policy framework overview and evaluation

Scenario Planning

- Land use scenarios tested w/ MARC models
 - Dispersed vs compact growth
 - High vs. low growth
- Results shared publicly in Fall '23 outreach & engagement efforts





Completed Work

Public outreach and engagement

- Introductory video introducing plan update
- **Pop-up events** in each MARC county: Late Oct mid Nov 2023
- Public open house: November 16
- Online meeting: Posted online
- 2 Surveys:
 - Self-select online survey distributed by MARC
 - Randomly selected, statistically valid (ETC Institute)
- Speaker's bureau (requested & targeted presentations)



https://connectedkc.org/2025-update/



Completed Work



2024 MARC Long Range Transportation Plan Survey Results

• Conducted by ETC Institute

Winter / Spring 2024



Purpose

To assist in the update of local transportation plans that will guide investments through 2050

To objectively assess resident perceptions and opinions on regional transportation issues

To better understand community needs and what transportation investments should be used to respond

Methodology

Survey Description

• 5-page survey made available in English and Spanish

Method of Administration

- By mail and online to a random sample of households in the 9-county metro area
- On average, each survey took approximately 17-18 minutes to complete

Sample Size

• 1,770 completed surveys

Margin of Error

• +/- 2.33% at the 95% level of confidence

Prioritization Tiers

- Tier 1: Very high priority, significantly increase emphasis
- Tier 2: High priority, increase emphasis
- Tier 3: Medium priority, maintain current emphasis

Importance of Issues – Regional Needs

- Healthy Environment
- Road and bridge construction
- Affordable Housing

- Tier 2
 - Safety

Importance of Issues – Regional Needs

- Jobs access via public transportation
- Housing Choice
- Walkable and bikeable communities
- Transportation choices
- Resilience
- Regional Travel Time
- Bikeways
- Freight truck travel time

Priority of Transportation Strategies

- Nature-based solutions to reduce flooding
- High-demand area public transportation
- Address disadvantaged populations
- Improve travel safety through education, engineering
- Improve air quality

Priority of Transportation Strategies

- Reduce pollution and greenhouse gases
- Connected trails & greenways
- Connected system locally and internationally
- Accommodate all travelers
- Integrated solutions to achieve multiple goals

- Intelligent transportation systems
- Prepare communities for changing climate
- Improve weather event response
- Transportation hubs in key activity centers

Priority of Transportation Strategies

- Alternative transportation options
- Innovative technologies
- Multi-modal movement of goods
- Reduce heat-absorbing infrastructure
- Encourage purchase of electric and no-emission vehicles

Funding Priorities

Tier 1

• Maintenance/rehab of existing highway system

- Congestion management projects
- Transportation for older adults and disabled
- Rebuild roadways for growth and local needs
- Bike paths, bike lanes, and sidewalks
- Enhance system safety

Funding Priorities

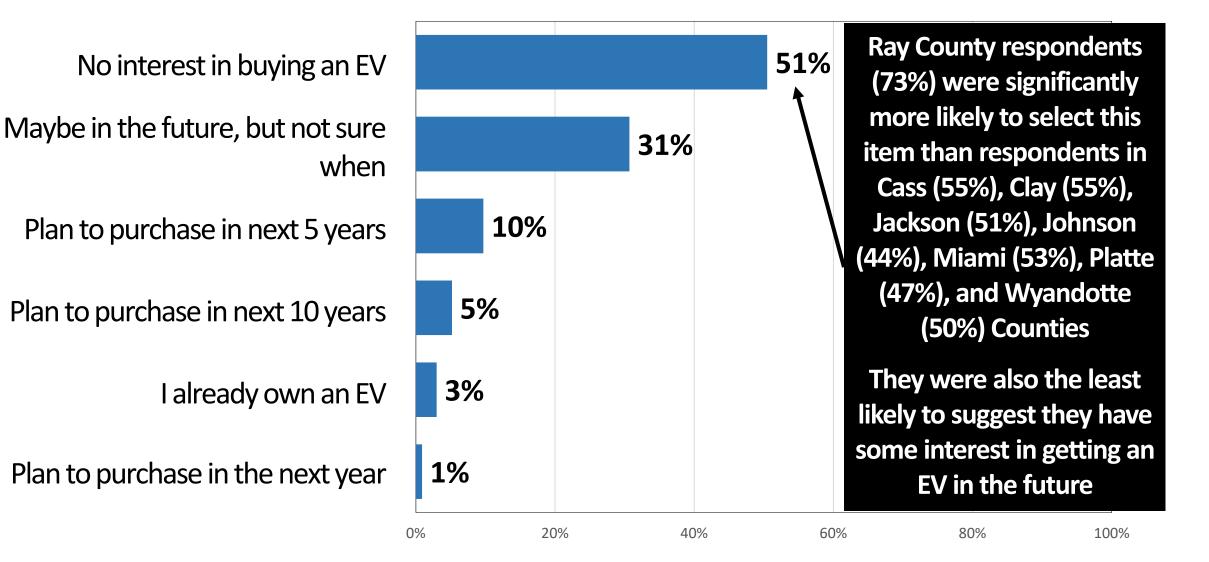
- Bus transit service
- New public transit infrastructure
- Help infrastructure hold up to extreme weather
- New roadways
- Electric vehicle charging stations
- Technology systems (KC Scout, traffic signal coordination)
- Incorporate nature-based solutions
- Driving along alternatives: carpool lanes, bus lanes, park & ride
- EVs for city/county fleets
- Public Electric (E)-bike share

New Funding Sources

- 61% support regional or county-based transit funding
- 57% oppose road user charges

Q6. How Likely Are You To Purchase An Electric Vehicle?

by percentage of respondents (excluding not provided)



Regional differences in behaviors and perceptions are not always common, but in this instance one county stands alone

Barriers to EV Purchase

Top 3 Barriers

- Vehicle purchase price
- Insufficient driving range
- Long charging times

Lowest Barrier

• Education/Awareness: Don't know enough about EVs to buy one

Summary

• Nearly all respondents support the following:

- Healthy environment
- Road and bridge maintenance
- Increase safety on all types of transportation in the region

• EV conversion/usage was met with skepticism

- Top barriers: purchase price, insufficient driving range, and long charge times
- Half in the region expressed interest in purchasing an EV while half suggest they have no interest

Summary

- Most believe we should prioritize or support projects and programs that address the needs of disadvantaged populations
- Most respondents support regional or county by county investments in public transportation to expand options across the region

Connected KC 2050 - Update

Financial Analysis & Forecast



- 1. Financial Constraint
 - Revenues reasonably expected
- 2. Coordinated with our planning partners
 - KDOT, MoDOT, & KCATA
- 3. Transparency
- 4. State revenues are unaltered by MARC
- 5. Account for taking care of system



Assumptions:

- 1. Revenues
 - a) Conservative revenue growth rate
 - b) Continued Federal and State transportation plans
- 2. Expenditures
 - a) Operations & Maintenance
 - b) Transportation Asset Management (TAM)
- 3. Transit
 - a) Continued "No Fare" policy
 - b) Loss of COVID relief
 - c) Reduced Local funding



Sources:

- 1. Revenues
 - a) Annual Census Of Governments
 - b) National Transit Data Base (NTD)
 - c) Coordination with States and transit providers
 - d) Financial projections 30 -year vs 25 year
- 2. Expenditures
 - a) States' Transportation and Transit Asset Management Plans
 - b) Operations and Maintenance projections



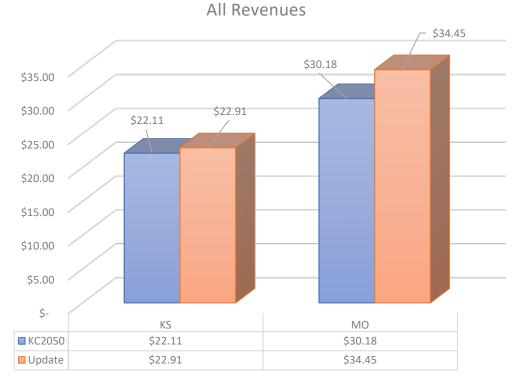
All Sources Revenues – Expenditure = \$\$\$ for Projects (billions)

Total Revenues	KS	MO	Total
Federal revenues	\$ 3.45	\$ 8.38	\$ 11.83
State revenues	\$ 4.97	\$ 6.86	\$ 11.83
Local revenues	\$ 14.50	\$ 19.21	\$ 33.70
Subtotal	\$ 22.91	\$ 34.45	\$ 57.36
Expenditures			
Operations & Maintenance	\$ 14.95	\$ 22.84	\$ 37.80
Asset Management	\$ 2.05	\$ 5.76	\$ 7.81
Subtotal	\$ 17.01	\$ 28.60	45.61
Balance (available for MTP projects)	\$ 5.91	\$ 5.85	\$ 11.75



Regional Revenues All Modes Current vs Update (billions)

All Revenues	KS	МО		Total	
СКС2050	\$ 22.11	\$	30.18	\$	52.29
Update	\$ 22.91	\$	34.45	\$	57.36
Difference	\$ 0.80	\$	4.27	\$	5.07



KC2050 Update



Regional – Roadway Revenues: Current MTP vs Update

Revenues	CKC2050	Update	Difference
KS	\$22.11	\$23.26	\$1.15
MO	\$23.76	\$28.11	\$4.35
Total	\$45.87	\$51.37	\$5.50

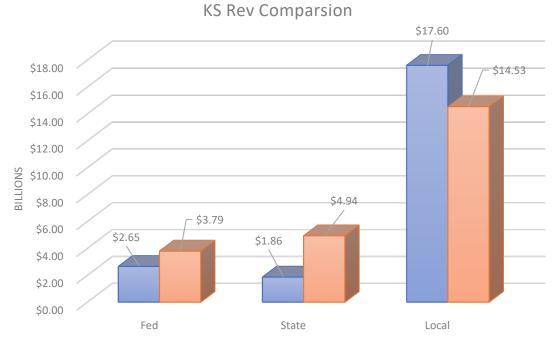


Highway Revenues - MTP vs Update



Kansas – Roadway Revenues: Current MTP vs Update

Funding Source	CKC 2050	Update	Difference
Fed	\$2.65	\$3.79	\$1.14
State	\$1.86	\$4.94	\$3.08
Local	\$17.60	\$14.53	(\$3.07)
Total	\$22.11	\$23.26	\$1.15

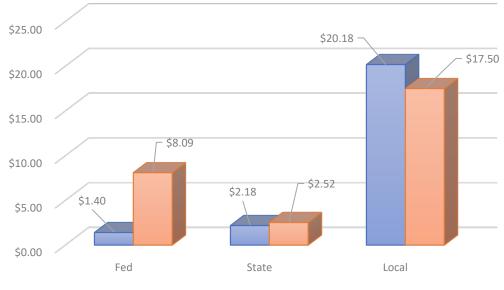


KC 2050 Update



Missouri – Roadway Revenues: Current MTP vs Update

Funding Source MO	CKC 2050	Update	Difference		
Fed	\$1.40	\$8.09	\$6.69		
State	\$2.18	\$2.52	\$0.34		
Local	\$20.18	\$17.50	(\$2.68)		
Total	\$23.76	\$28.11	\$4.35		



MO Rev Comparison

KC 2050 Update



Transit Revenues: Current MTP vs Update (billions)

Revenues	KS MO		МО	Total		
CKC 2050	\$	1.94	\$	6.43	\$	8.37
Update	\$	0.53	\$	3.48	\$	4.01
Difference	\$	-1.41	\$	-2.95	\$	-4.36

Transit Reveunes - MTP vs Update



KC2025 Update



Summary:

- Local system funding balance available for CKC2050 projects
 - \$ 3.38 b in Kansas
 - \$ 2.06 b in Missouri
- State system funding balance available for CKC2050 projects
 - \$2.71 b in Kansas
 - \$4.76 b in Missouri
- Transit system funding balance available for CKC2050 projects
 - \$ (0.18) b in Kansas
 - \$ (0.98) b in Missouri



Connected KC 2050 - Update

Project Prioritization



Project Prioritization

- Plan must include list of regionally significant projects
- Call for CKC2050 projects held in late 2023
- Inclusion in the plan is a requirement in some cases and a boost in others for future funding opportunities

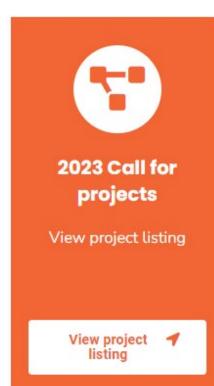
- Project listing is updated every 5 years, and
- By amendments in interim period
 - Total of 8 amendments since 2020



Project Prioritization

Call for projects outcomes

- 456 projects in current MTP
- 259 resubmitted for plan update
 - 197 current MTP projects not re-submitted.
 - MARC staff consulting with sponsor agencies
 - Many of these projects to stay in MTP
- 132 NEW projects submitted and scored.
- All submitted projects available for public review and comment



Project Prioritization

- All projects to be considered for listing in the MTP sorted by:
 - KS local and state system projects
 - MO local and state system projects and
 - Transit system projects
 - Includes: re-submitted and new projects
- Projects to be categorized as "high", "medium" and "low" priority projects
 - Similar methodology to be used as original plan, 2019
 - Same project scores breaks as used in 2019



Project Prioritization

Next steps

- Project lists shared with planning modal committees (July '24)
- Survey/Feedback form for feedback on process/project categorization (July '24)
- Development of Draft Financially Constrained project listing (August '24)
- Draft financially constrained project listing shared with modal committees (September '24)



NEXT STEPS

Next steps

- Project prioritization (3Q of 2024)
- Development of financially constrained & illustrative project lists (3Q of 2024)
- Development of land use, population household and employment forecasts (1Q ~ 4Q 2024)
- Travel demand modeling, EJ analysis (3Q ~ 4Q 2024)
- Public outreach & engagement (4Q 2024)
 - In person and online public meeting(s)
 - Targeted stakeholder group discussions
- Final plan write up (1Q ~ 2Q 2025)







REGIONAL TRANSPORTATION PLAN

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Plan Update July 2024

5. Regional Economic Development Strategy

Sustainable Places Policy Committee



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Comprehensive Economic Development Strategy Plan (CEDS) Update

Sustainable Places Policy Committee

July 12, 2024

CEDS required by EDA every 5 years to enable the region to maintain its EDD status.

- **Purpose:** To assist regions like the KC metro area to outline strategies and investments to increase economic competitiveness, strengthen economic and environmental resiliency and support inclusive prosperity.
- **Contents:** Demographic and economic analyses; sections on infrastructure, housing, broadband, etc.; and steps for inclusive prosperity and economic and environmental resiliency; (2) SWOT Analysis; (3) Policy framework with goals, objectives, strategies and action steps and metrics.
- Schedule: Last full CEDS adopted 12/19; update in 12/22 due to recovery from the pandemic; new deadline of 9/30/24 to align with other Missouri EDDs.
- **Community input**: Relying on Regional Workforce Intelligence Network and other MARC stakeholders for input; will post on MARC website and encourage feedback in August. Expect to adopt in late September 2024.

CEDS policy framework aligned with other regional plans and initiatives.

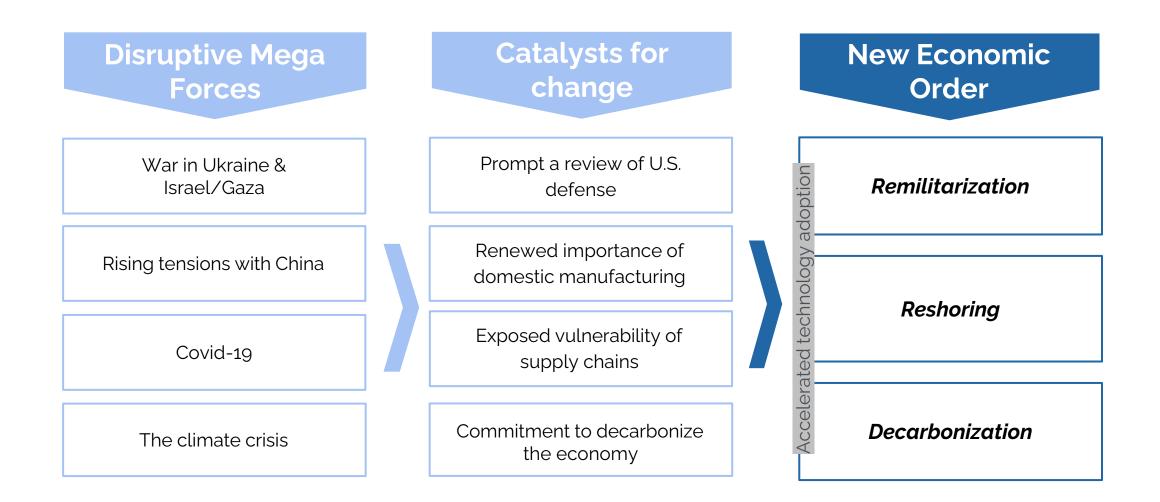
- KC Rising: Horizon goals/metrics, analysis by Bruce Katz, New Localism Associates, and Accelerator for America, on economic priorities
- **Regional plans and strategies:** Regional Housing Partnership, Broadband and Digital Equity Strategy, Climate Action Plan, Regional Hazard Mitigation Plan, Long-Range Transportation Plan
- Small Business/Entrepreneurship Vision Plan: Prepared by UMKC Innovation Center
- Significant university research and regional economic development strategies: Tech Hub, cybersecurity, biologics, biodefense, critical minerals.

Kansas City and the New Economic Order

RWIN Presentation Scheduled on Thursday, Aug. 29 at 10 am Virtual report on KC Playbook by Bruce Katz

Made possible with support of KC Civic Council Bruce Katz, Founder, New Localism Associates Kaufman Foundation November 7, 2023

Mega forces are creating a new economic order



Sources: The Biden-Harris Plan to Revitalize American Manufacturing and Secure Critical Supply Chains in 2022; Remarks by U.S. Secretary of Commerce Gina Raimondo: The CHIPS Act and a Long-term Vision for America's Technological Leadership.

Common Trends Across Metro Winners



Clear sense of economic position

Metro winners conduct a thorough assessment of their local economic environment, encompassing competitive advantages, federal assets, R&D capabilities, infrastructure, industry hubs, supplier networks & workforce development pools

Strong project-focused collaboration across public, private and civic sectors

Metro winners promote collaborative efforts involving investors, utilities, manufacturers, local and state officials, and philanthropy to attract investment.



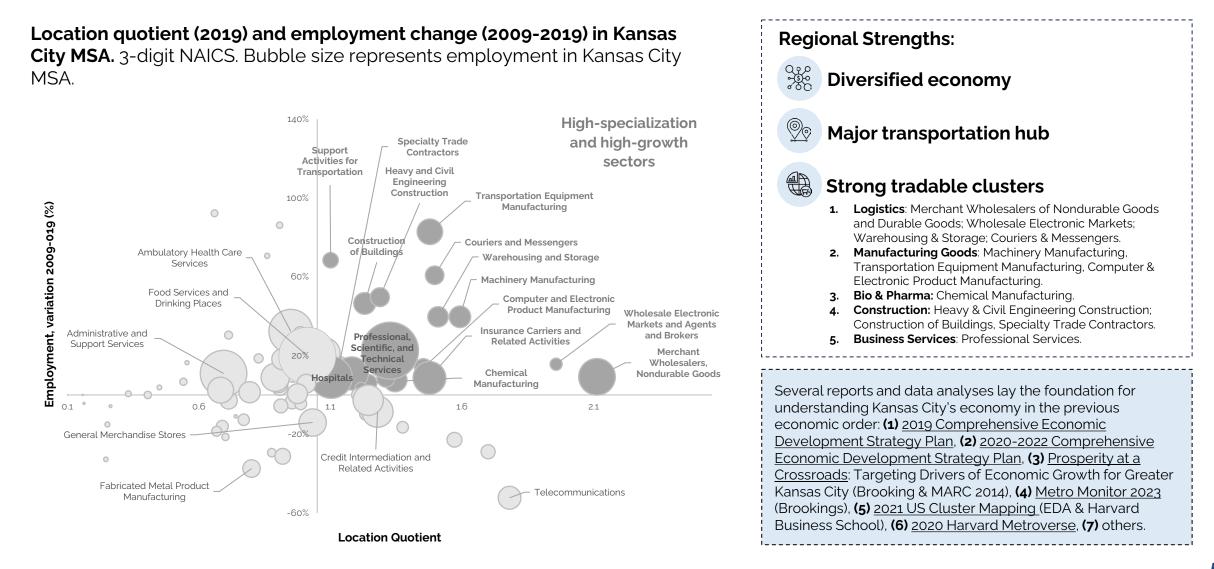
Well resourced business/civic leadership groups

Metro winners invest in organizations that support their region's transition, emphasizing local projects with significant impact.

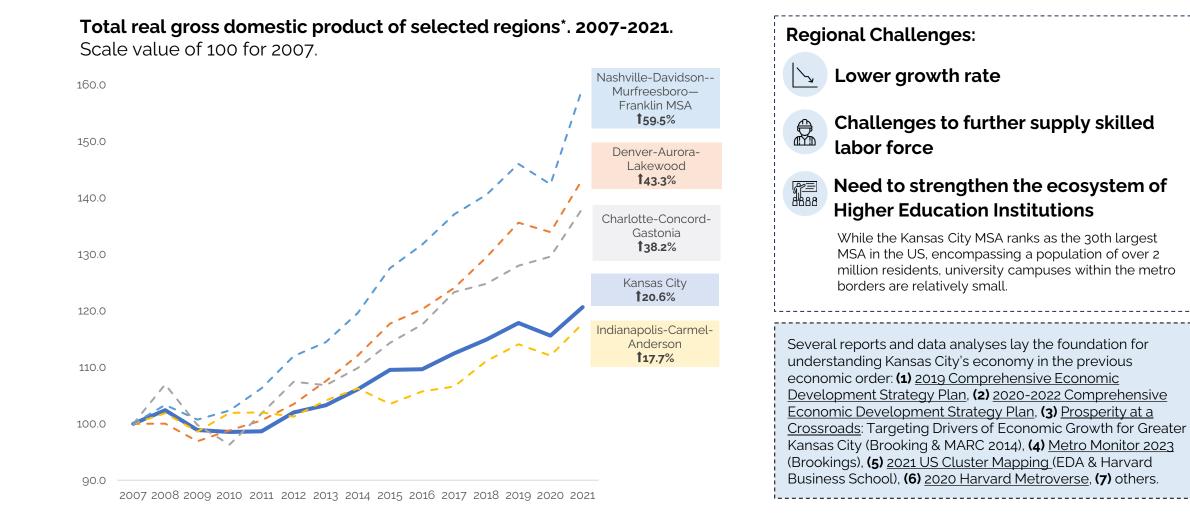
State engagement and backing

Metro winners benefit from states that support productive projects by offering financial incentives, streamlining regulatory processes, investing in infrastructure, fostering collaboration with diverse stakeholders, and providing access to state-level resources and programs.

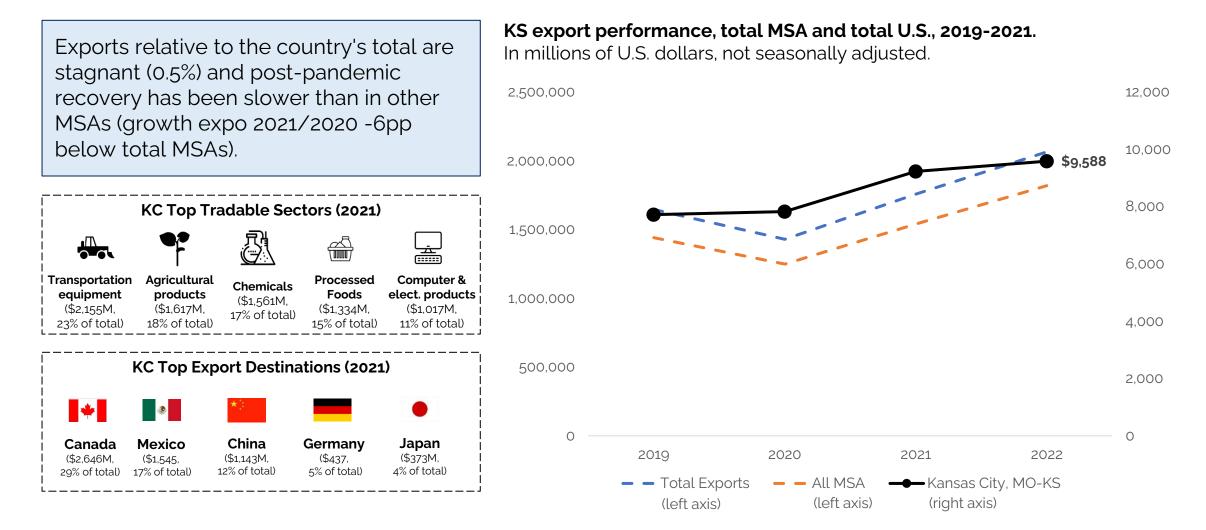
As previous economic studies highlight, Kansas City is home to a diverse economy, with strong specialization in a subset of tradable clusters



Yet the region is losing relative positioning and struggling to sustain further growth

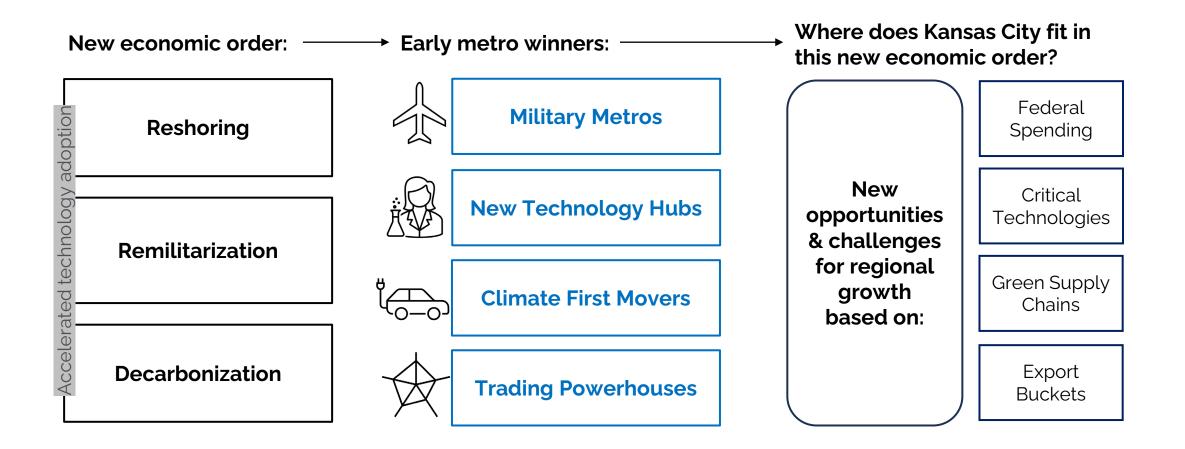


Despite its diversified export bucket, Kansas City's exports relative to the country's total are stagnant



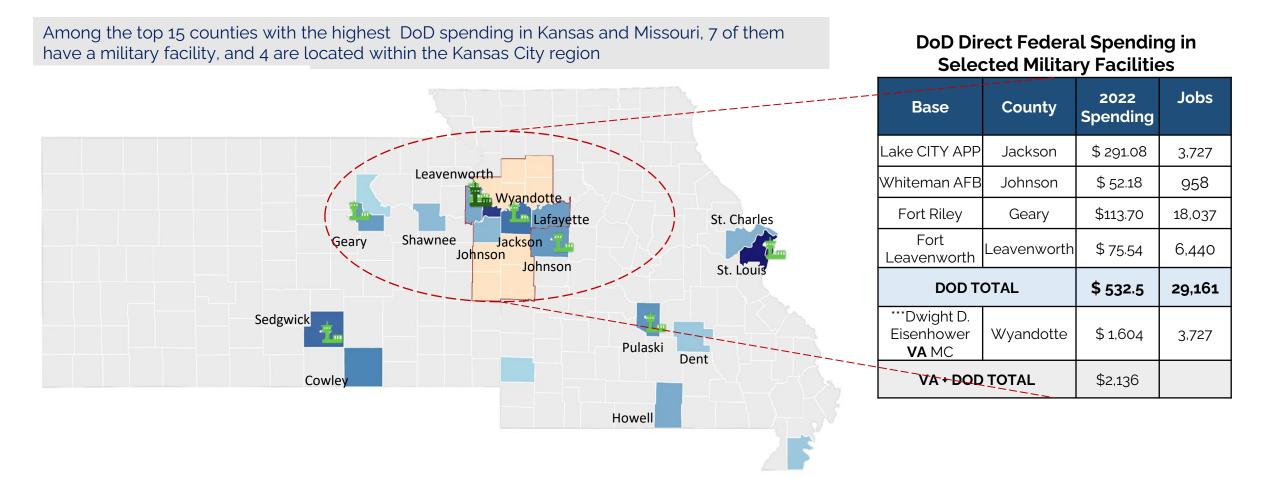
Note: according to <u>KC SmartPort</u>, KC is in the TOP 10 MSAs for foreign businesses and TOP 15 US industrial market. Environmental goods These include products that can help achieve environmental and climate protection goals, such as generating clean and renewable energy, improving energy and resource efficiency, controlling air pollution, managing waste, treating waste, water, monitoring the quality of the environment, and combatting noise pollution. **Sources** <u>2023 National Export Strategy</u>: <u>Kansas City Container Market Analysis and Intermodal Trade Forecast</u> (2021); Trade.gov; Prosperity at a Cross boards (2014); Comprehensive Economic Development Strategy Plan; EGA (US); United States Census Bureau.

We need new diagnostic tools that takes account of new driving forces and local assets that may have been hidden or undervalued by the prior economy



DoD Presence: DoD spending underscores the significance of military assets in the region, drawing investment and generating employment opportunities

The region is home to four bases that together generate almost 30K jobs and account for \$533M in procurement spending every year



Critical Technologies: New diagnostic tools would show the starting position in 10 technology areas prioritized by the federal government

Top 10 technologies areas prioritized by the federal government:



Artificial intelligence*



High performance computing



Quantum information science*



Advanced manufacturing



Disaster prevention or mitigation



Advanced communications technology*



Biotechnology & Medical technology*



Data storage, Data mgmt. & Cybersecurity

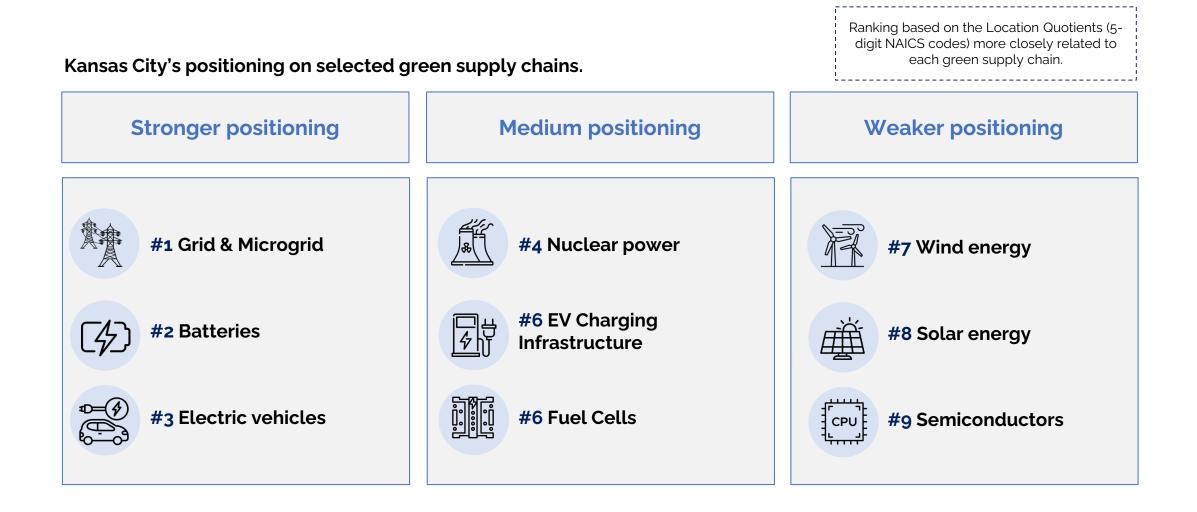


Advanced energy efficiency technologies*



Advanced materials science

Green Supply Chains: New diagnostic tools would assess the positioning of Kansas City to innovate and manufacture for the energy transition



Summary of diagnostic: a new kind of organizing is needed to unlock Kansas City's assets

NBAF

Legacy Industries:

Stowers

MRIGLeba

Strong construction sector with large companies that are industry leaders





MEDICAL CENTER

<u>ŠEVOGEN</u>

Opportunities in the new order (early identification)



Biotechnology & Medical technology

KC shows a strong positioning in this technology prioritized by the US government and highly interconnected to the local life sciences cluster.

Advanced energy efficiency technologies

Cross-sectoral players (construction, batteries, suppliers) that could position the region on these technologies that are essential to the energy transition.

Data storage, Data mgmt. & Cybersecurity

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The region has important federal agencies (such as FBI-Kansas City Division; Fort Leavenworth) with strong cybersecurity activity, and a rich ecosystem of organizations and chambers.

Grid & Microgrid

A coordinated ecosystem of construction firms, utilities and R&D could position KC to tap into the growth opportunities driven grid expansion.

Automotive supply chain: EVs & Batteries

The ecosystem of suppliers and OEMs, alongside recent Panasonic's investment and the ongoing transition to EVs renew the opportunities for KC.

Transportation & Logistics Hub

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Nearshoring is strengthening trade within the US and across the North Triangle, with KC strategically positioned to attract investments in tradable sectors.

Federal Assets

Including the National Bio and Agro-Defense Facility, along with the US Army Command and General Staff College at Fort Leavenworth, often recognized as the intellectual hub of the US Army.

BUSINESS

Strengthen the region's economy - support for key industry sectors.

- 1. Focus on regional economic development efforts to respond to new national priorities reshoring, remilitarization, decarbonization.
- 2. Promote growth of Greater Kansas City's diverse set of existing traded sectors by developing more robust industry clusters or concentration of assets with a special focus on new critical technologies, equity and resiliency.
- 3. Identify industry clusters with the greatest opportunities for future growth.



INNOVATION & ENTREPRENEURSHIP

- 1. Improve greater Kansas City's performance rate in overall business creation. Create a culture that supports risk and offers intensive support to enable earlystage companies to persist in their efforts. Open doors to entrepreneurship and small business ownership by dismantling barriers. Cultivate entrepreneurial talent.
- 2. Move ideas from the Research Lab to the Marketplace. Capitalize on regional research assets. Create a strong pipeline of innovation between research institutions, entrepreneurs and corporations to connect ideas and move toward commercialization.
- 3. Capitalize entrepreneurs, dramatically increasing access to capital for start-up and early-stage businesses, especially for women and minorities.
- 4. Increase awareness of the Kansas City region as a hub for entrepreneurship.
- 5. Build entrepreneur support capacity.
- 6. Engage the corporate community in building small businesses.



PEOPLE

Create an Effective Workforce to Meet the Needs of Business and Create Economic Opportunity for Residents

- 1. Support the development of an **educated and skilled workforce**.
- 2. Attract highly skilled individuals to locate in the Kansas City region.
- 3. **Retain highly qualified individuals** to see the Kansas City region as home for themselves and their families over the long-term.



PLACE

Invest in vital infrastructure to support economic growth, create vibrant places, a resilient region and increase access to opportunity.

- 1. Create a region that increases economic opportunity by encouraging strategic locations for business investment.
- 2. Invest in quality, durable and resilient infrastructure to support economic development and quality of life for all residents and invest in a multi-modal transportation system that improves access to jobs and economic opportunity.
- 3. Create a region that supports greater housing choices and focuses development along key corridors and centers and older built-up neighborhoods.



Leadership

- 1. The region will be more interconnected. Local governments will work collaboratively with regional and local government partners, business, nonprofit, community and educational organizations and state governments to pursue opportunities for economic growth.
- 2. The region's public, civic and business stakeholders will strive to support social and economic mobility for all residents.
- 3. The region will strive to become more resilient, with the increased institutional and infrastructure capacity to withstand public health, weather, economic and other adverse events through increased collaboration and strategic investments.



Next Key Steps

JULY

MARC staff to seek feedback from the 'CEDS Strategy Committee' on the draft CEDS plan before releasing final plan for 30-day public comment

AUGUST

Convene third quarter RWIN meeting on August 29 to address any public comments and plan revisions with a final recommendation for MARC Board for approval. Bruce Katz, New Localism Associates, will present some of his analysis at the meeting.

SEPTEMBER

Seek RWIN recommendation and MARC Board adoption at September meetings.



6. Centers and Corridors



- Leslie Karr, Planning and Development Director, City of Overland Park, KS
- Karie Kneller, City Planner, City of Mission, KS
- Josh Johnson, Director of Development Services, City of Lee's Summit, MO
- Gerald Williams, Division Manager, Long Range Planning and Preservation, City of Kansas City, MO

Sustainable Places Policy Committee

7. Other Items – Quick Updates



What are the highlights of the work that you are currently undertaking?

Save the date:

August 29th, 10 am, Kaufman Foundation

Bruce Katz – Kansas City and the New Economic Order

Sustainable Places Policy Committee



Next Meeting, August 9, 2024



Special Meeting of the Committee

- Request for forecast review
- Develop Planning Sustainable Places Kansas and Missouri funding recommendations



