



Kentucky Riverports, Highway & Rail Freight Analysis Study

Interim Joint Committee on Transportation

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Division of Planning

Frankfort, Kentucky | October 18, 2022

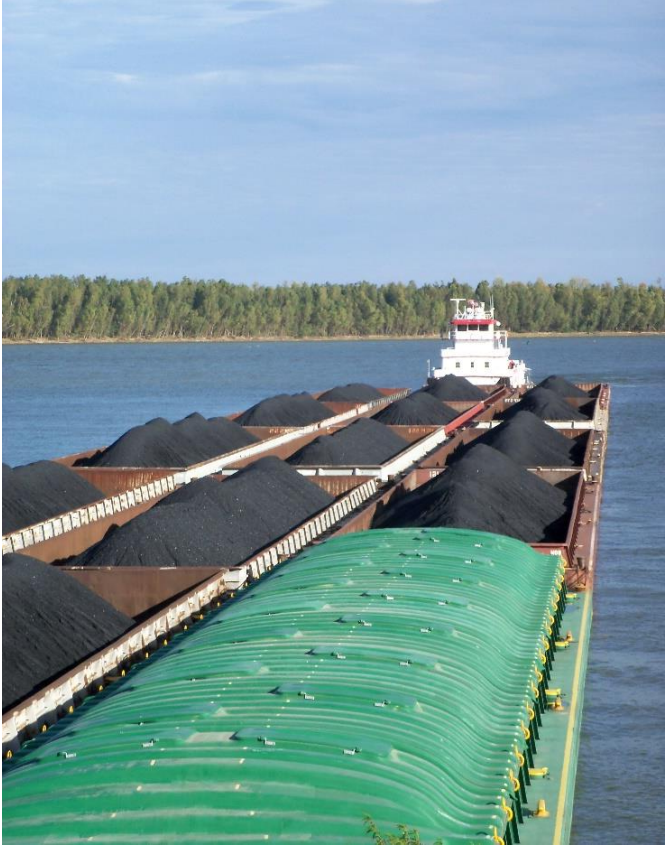
How Was the Study Conducted?



Study Partners

- Kentucky Cabinet for Economic Development
- Kentucky Department of Agriculture
- Kentucky Association of Riverports
- US DOT Maritime Administration
- US DOT Federal Highways Administration
- US Army Corps of Engineers
- Kentucky Transportation Center

Kentucky's Waterway Network



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Kentucky's Public Riverports



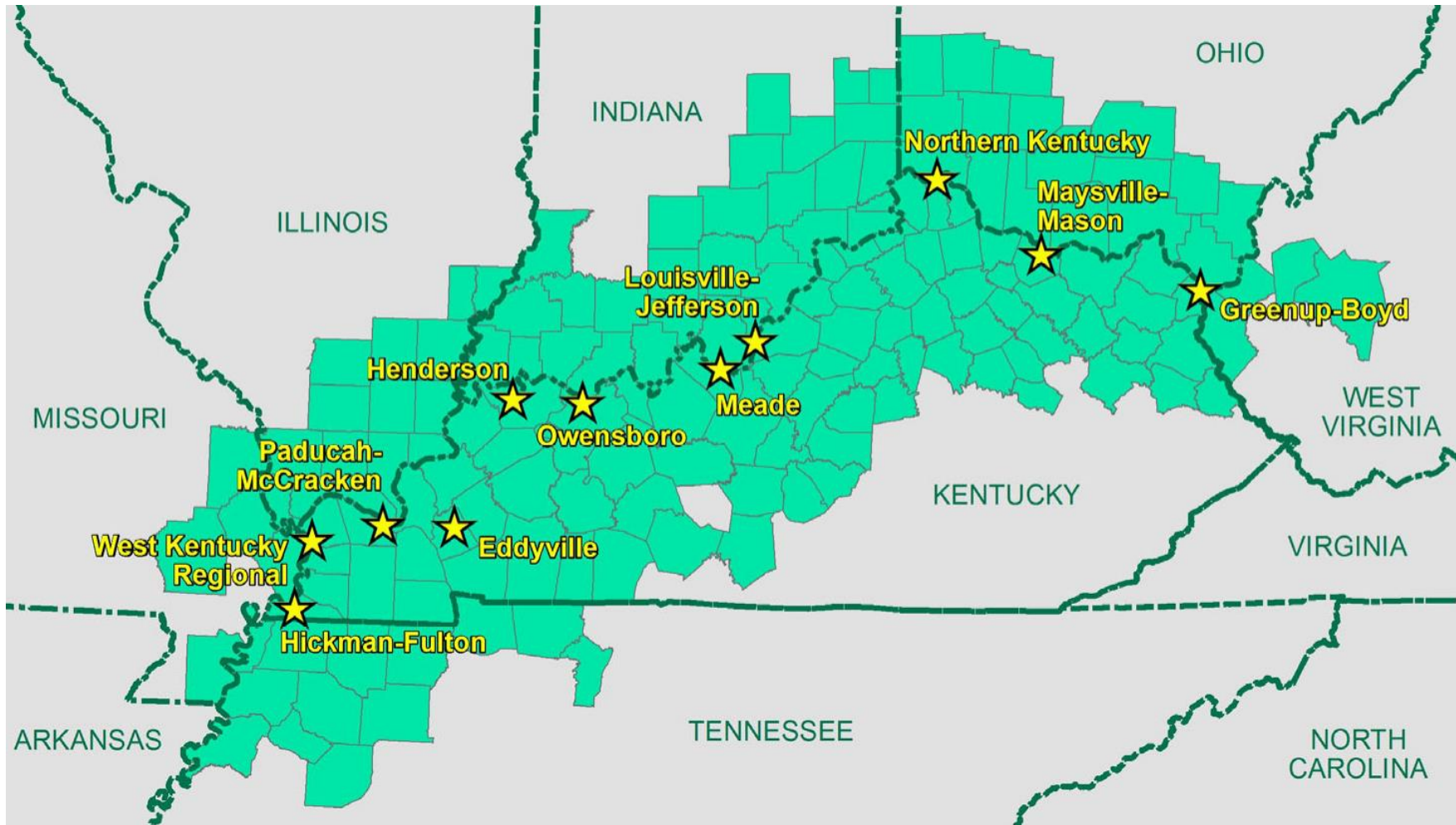
Kentucky's Rail Network



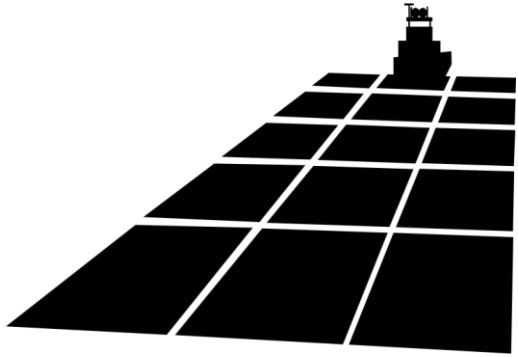
Kentucky's Road Network



Riverport Hinterlands



What Have We Learned About Riverports?



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1

216

1,050

15-Barge Tow

Rail Cars

Trucks

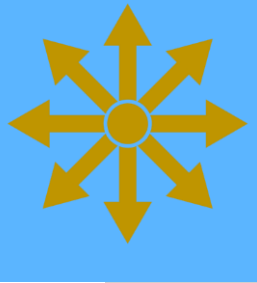
Supporting Kentucky's Air Cargo



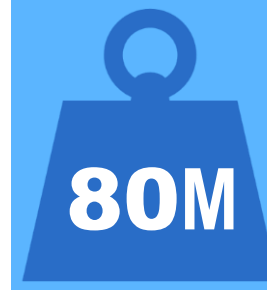
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What Have We Learned About the Riverport Market?



Riverports connect Kentucky to the national and global economy



Kentucky's waterways carry over **80** million tons of freight each year, worth over **\$18 Billion**



Approximately **19%** of Kentucky's tonnage moves by water, but only **3%** of the value

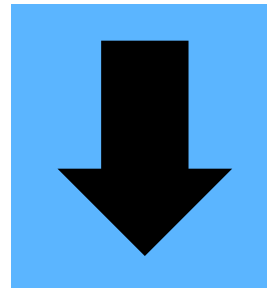


59%

59% of new jobs in Kentucky in 2020 were from new business locations, suggesting opportunities and new markets



Growth potential includes manufacturing, food & beverage, trade/logistics, aluminum



Kentucky's current funding level lags behind other states

Demand is Shifting Away from Long-Standing Markets

Fuels

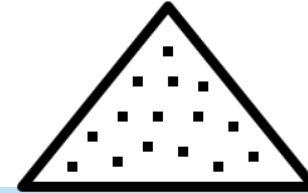


National market increased by **67%**

Fuels declined by **48%** in Kentucky

Expected to lose an additional **62%** by 2045

Minerals



National market unchanged

Minerals declined by **95%** in Kentucky

Expected to lose an additional **26%** by 2045

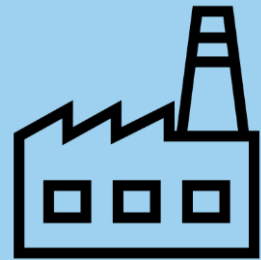
Smaller, Different Markets Will Increase

Plastic & Machinery

National increased by **17 X**

Kentucky increased by **11 X**

Plastic/rubber,
textiles and
machinery



1997-2017

Food & Livestock

144% Increase
in
food projected

81% Increase in
livestock projected



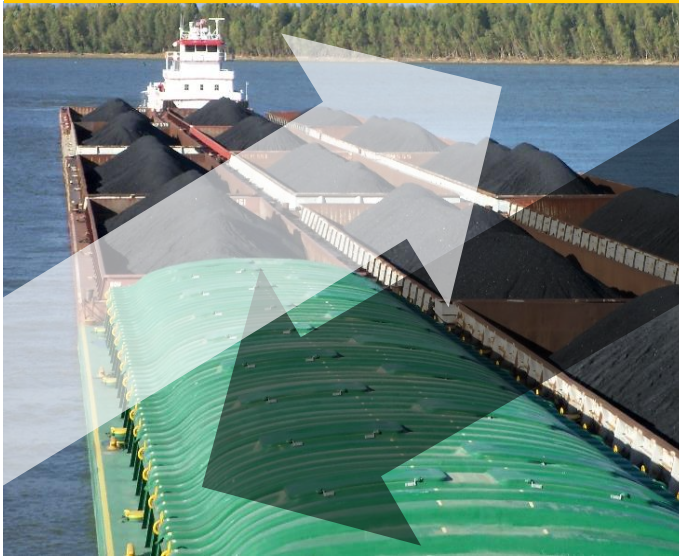
2018-2045

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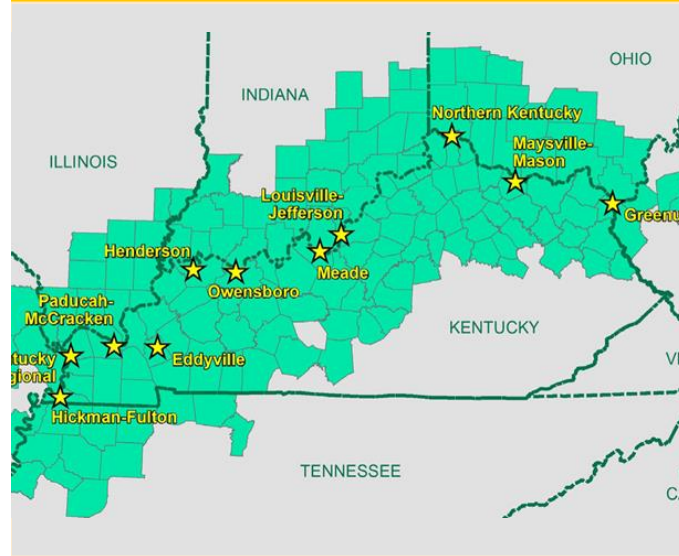
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What Choices Do We Face?

Invest in
Restructuring vs.
Scaling Back



Build Home Markets
Around Ports?



Collaboration vs.
Competition



For More Information

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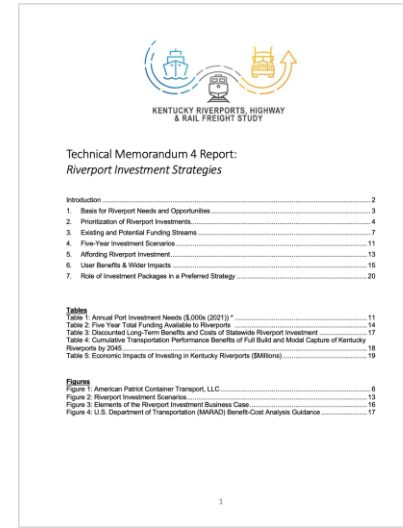
transportation.ky.gov



REPORT



PORT PROFILES



TECH MEMOS

<https://transportation.ky.gov/MultimodalFreight/Pages/Kentucky-Riverports,-Highway-and-Rail-Freight-Study.aspx>

