

# Strategic Program Recommendations

Maintain and improve the designated Kentucky Freight Network to ensure the efficiency of the freight transportation system

Develop a freight project prioritization framework to help decision-makers prioritize future freight investments

Develop a process to identify, monitor, and restore the condition of roadways that support the agriculture and energy industries

Implement and refine performance measures to track progress

Ensure freight representation and participation by the private sector in the state and metropolitan planning organization planning process

Support collaboration between KYTC and the Kentucky Cabinet for Economic Development in identifying transportation needs, issues, and impacts, and in recruiting industry and business to locate in Kentucky

Update freight modal and system plans on a regular basis

Support the multi-state coordination of freight infrastructure improvements

*The Kentucky Highway Fund is constitutionally mandated to be used only on highways, via Section 230 of the Kentucky Constitution.*



For more information:  
<http://transportation.ky.gov/planning/pages/freight-planning.aspx>

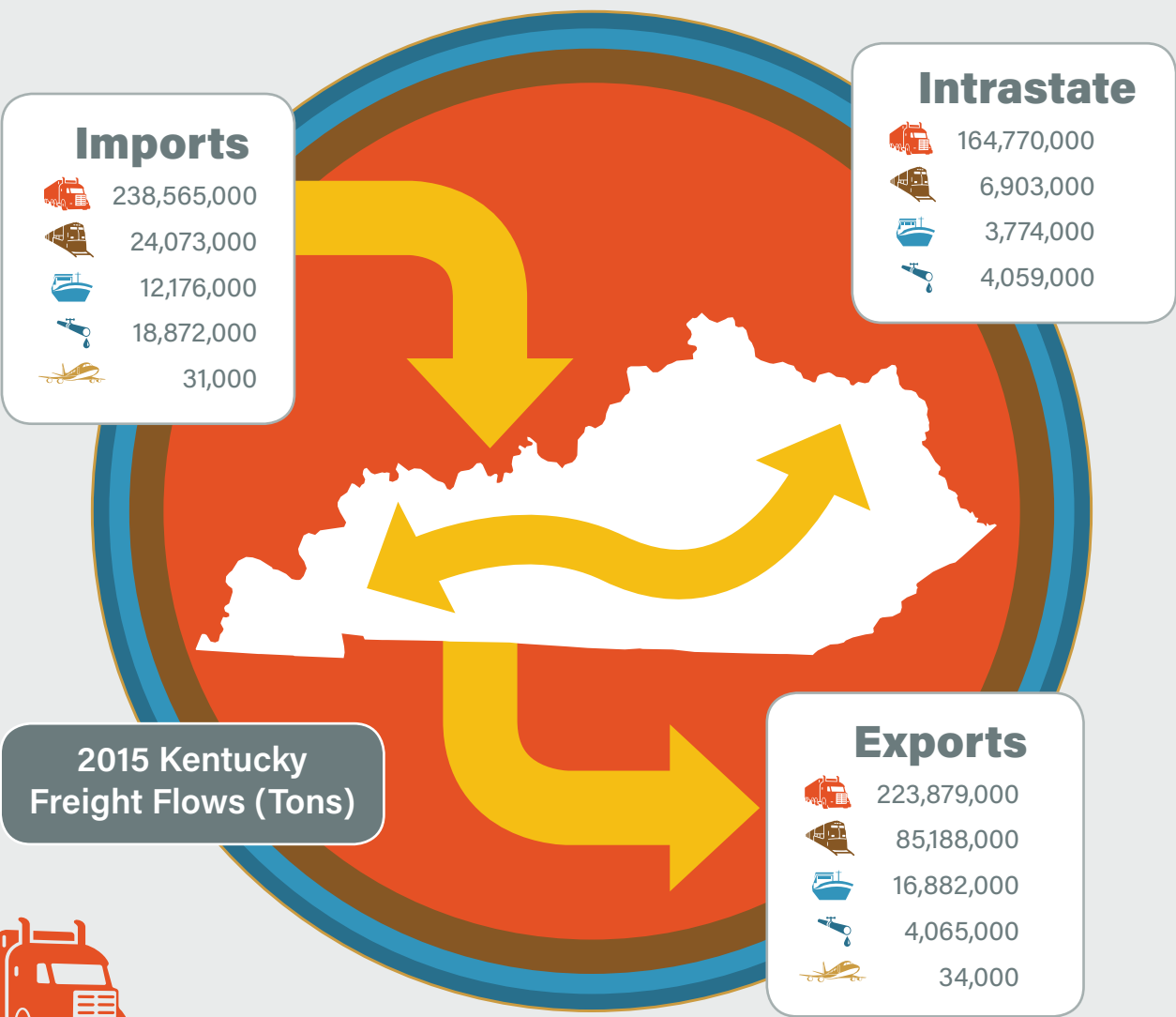
Freight, Rail, Waterways  
 KYTC – Division of Planning

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# Kentucky Freight Plan

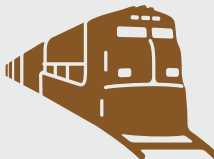
## Executive Summary



2015 Kentucky Freight Flows (Tons)



Highway



Railroad



Waterway



Pipeline



Air



September 2016

# Freight's Importance to Kentucky



Over \$69 billion or 40% of Kentucky's gross domestic product comes from freight-dependent industries.



Since the conception of the Kentucky Export Initiative in 2010, over 150,000 jobs have been created.

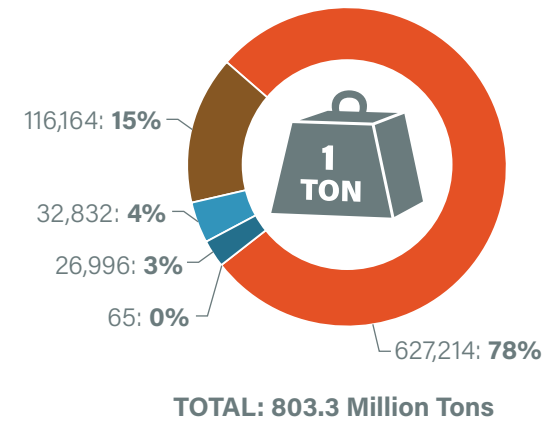


UPS has been Kentucky's largest employer and freight hauler since 2005.

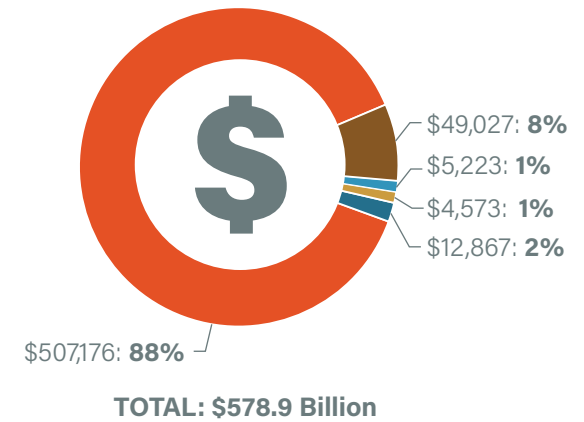
## Tonnage (Thousands)

Freight Movement  
To, From, and Within  
Kentucky

## Value (Millions)



In Kentucky, trucks transport the largest share of freight by weight and value, followed by rail. A combination of waterborne, air, and pipeline comprise a minority of freight movements by weight and value.



Source: Freight Analysis Framework, version 3.1.2, 2011.



Highway



Railroad



Waterway



Pipeline



Air

## Facts about Kentucky



KYTC owns and maintains nearly 28,000 miles of the Kentucky roadway system.



Kentucky has the 9th best roads in the country, with 90.3% of all federal-aid highway miles in excellent or good condition.



Kentucky is a major player in the auto industry, with four assembly plants.



Kentucky has over 2,900 miles of railroads, consisting of five Class I railroads, one Class II railroad, and 13 Class III railroads.



Kentucky is located within 600 miles of over 60% of the nation's population, personal income, and manufacturing.



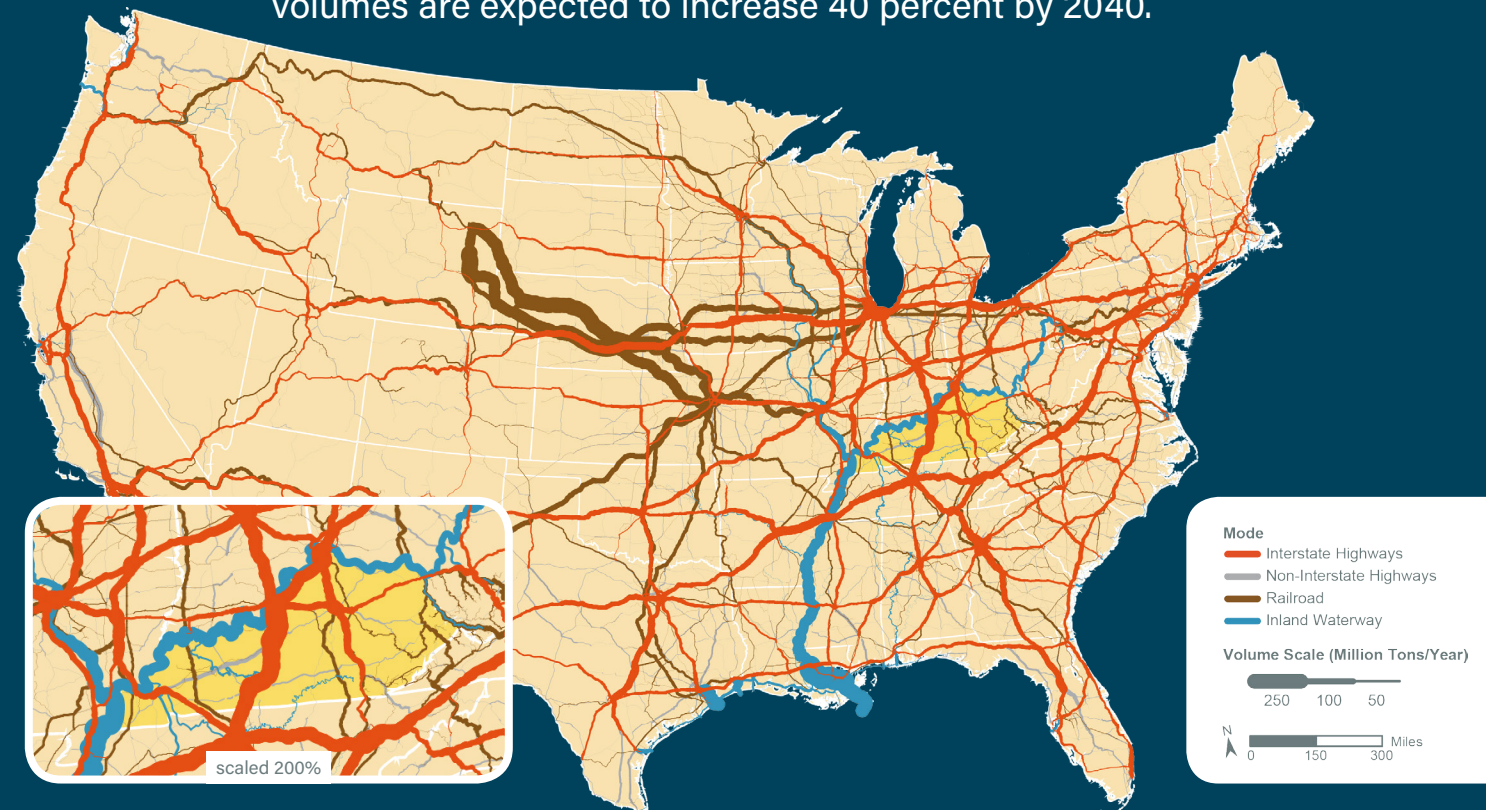
Kentucky is home to two major air cargo hubs operated by integrated express carriers DHL and UPS.



The state contains over 1,980 navigable inland waterway miles.

## Highway, Railroad, and Waterway Freight Flows

Kentucky serves as a major junction for the nation's freight network. U.S. freight volumes are expected to increase 40 percent by 2040.



Sources: Highways: U.S. Department of Transportation, Federal Highway Administration, Freight Analysis Framework, Version 3.4, 2013; Rail: Based on Surface Transportation Board, Annual Carload Waybill Sample and rail freight flow assignments done by Oak Ridge National Laboratory; Inland Waterways: U.S. Army Corps of Engineers, Institute of Water Resources, Annual Vessel Operating Activity and Lock Performance Monitoring System data, 2013.