

Freight Facilities and Planning In the Delaware Valley

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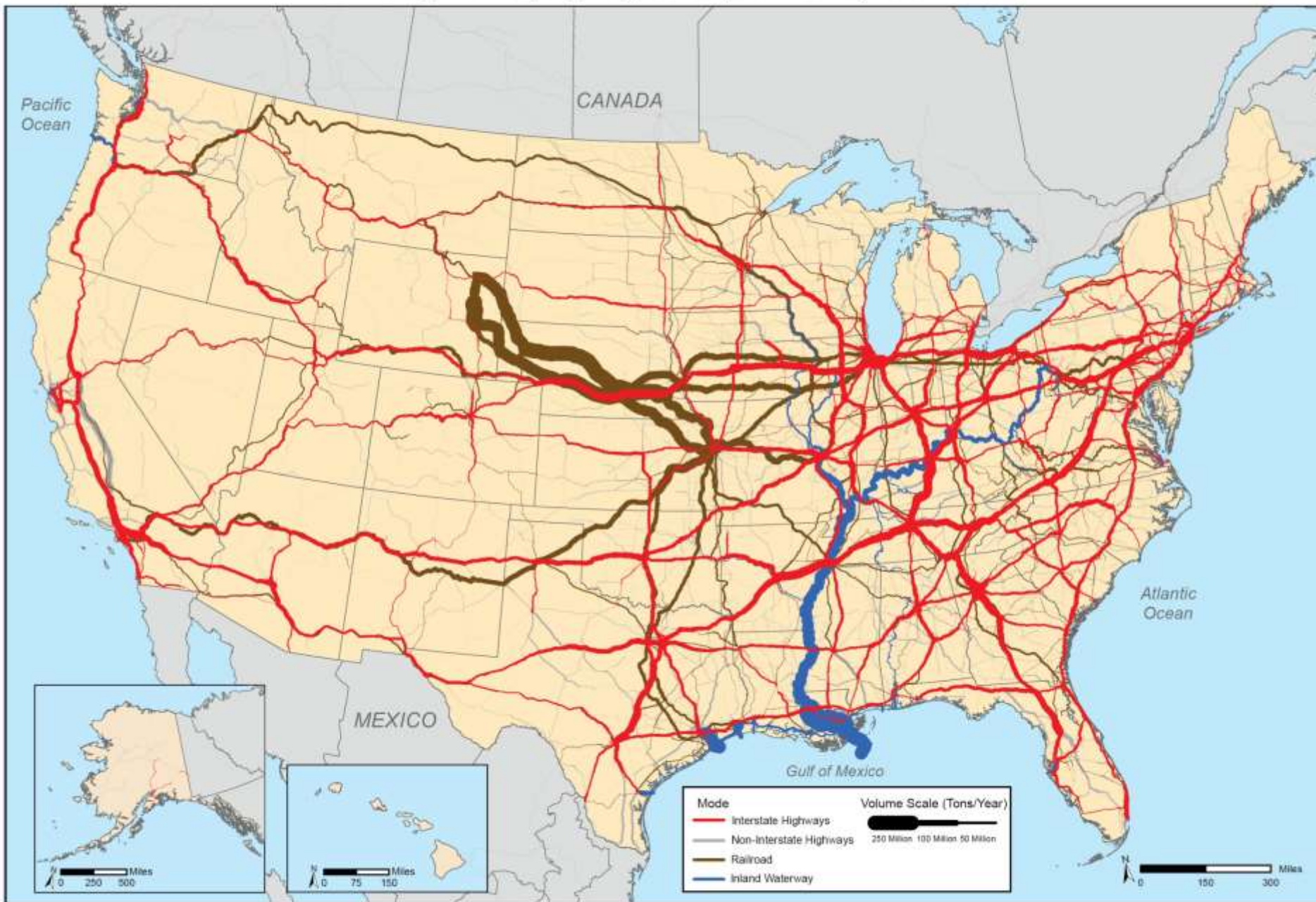


- Designated Metropolitan Planning Organization for the 9 county, bi-state region
- Prepares a long range plan and coordinates transportation funding
- Works collaboratively with local freight stakeholders

Freight Movements

- Complex chain of interregional or international trips
- Heavier vehicles have greater infrastructure impacts
- Often more intermodal jurisdictional cooperation required
- Freight movements sensitive to market forces; difficult to forecast demand
- Fewer sources of publicly available data
- Often requires innovative funding and financing sources/strategies
- Private sector industry not always well understood
- Freight stakeholders harder to identify and more challenging to engage

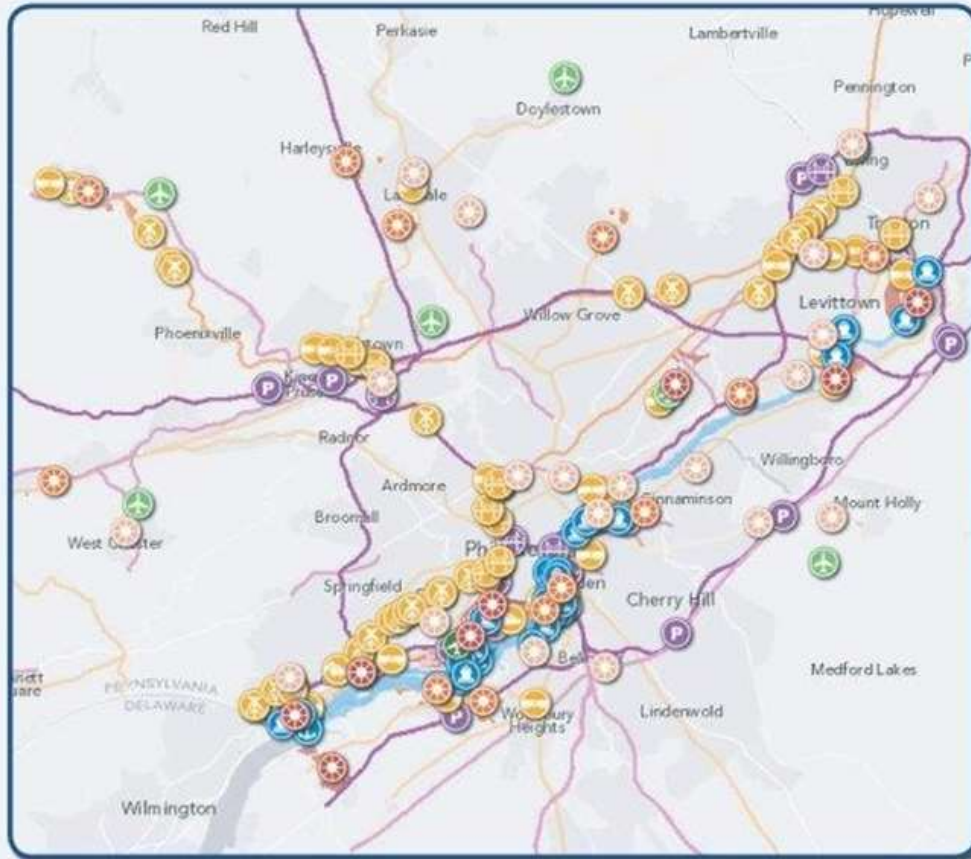
Freight Flows by Highway, Railroad, and Waterway: 2010



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.

The Importance of Supply Chains





Why a web map?

- Unique regional tool
- Public access to data
- Improve region-wide data-sharing
- Better identify & justify funding priorities

Application is an integrated system that allows for exploration on various levels, including links to existing reports

What kind of data?

Standard Data

To build consistency in the information about facilities throughout the region

- Name
- Owner
- Operator
- Size
- Municipal
- Location

Indicators

To better understand the use and role of facilities in the larger regional system

- Capacity
- Activity
- Related Reports

Standard data and indicators establish a framework for creation of performance measures and an improved DVRPC counting program



Trucking/Highways

- Freeways (Interstate + Limited Access)
- Truck Parking
- NHS Connector
- Highway River Crossing

Freight Rail

- Rail Lines (Interstate + Secondary + Industrial)
- Class 1 Grade Crossing
- Rail Yard
- Intermodal Rail Yard
- Rail River Crossing

Ports/Waterways

- River (Delaware + Schuylkill)
- Anchorage
- Port Terminal

Airports

- Commercial
- Reliever
- Heliport

Freight Centers

- Mega Center
- Major Center
- Intermediate Center

Pipelines

- Pipeline

Communities

- Freight as a Good Neighbor



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Engaging Freight Stakeholders



North-South Interstate Highways



Current TIP Projects

- PA 41 and Newark Road Improvements
 - New Garden Township
- US 1 Expressway Reconstruction
 - Northern Section
- PA 41 at PA 841 Improvements
 - London Grove Township
- PA 41 and SR926 Improvements
 - Londonderry Township

Thank You!

Questions?

For more Information, please contact:

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DVRPC's Freight Planning website:

<http://www.dvrpc.org/Freight/>