

County Freight Scans

Prepared for:
Metropolitan Washington COG
Freight Subcommittee



Nancy Tiver, CSX Intermodal

Delaware Valley Regional Planning Commission



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

Purpose

- Equip county planning agencies with increased freight planning capacity.
- Gain greater familiarity with freight issues at the county and MCD level.
- Establish base-line, comparable freight indicators for each of the counties.
- Develop concepts for future studies and improvements.
- Refine regional freight vision.



Stacked containers.

Source: PRPA

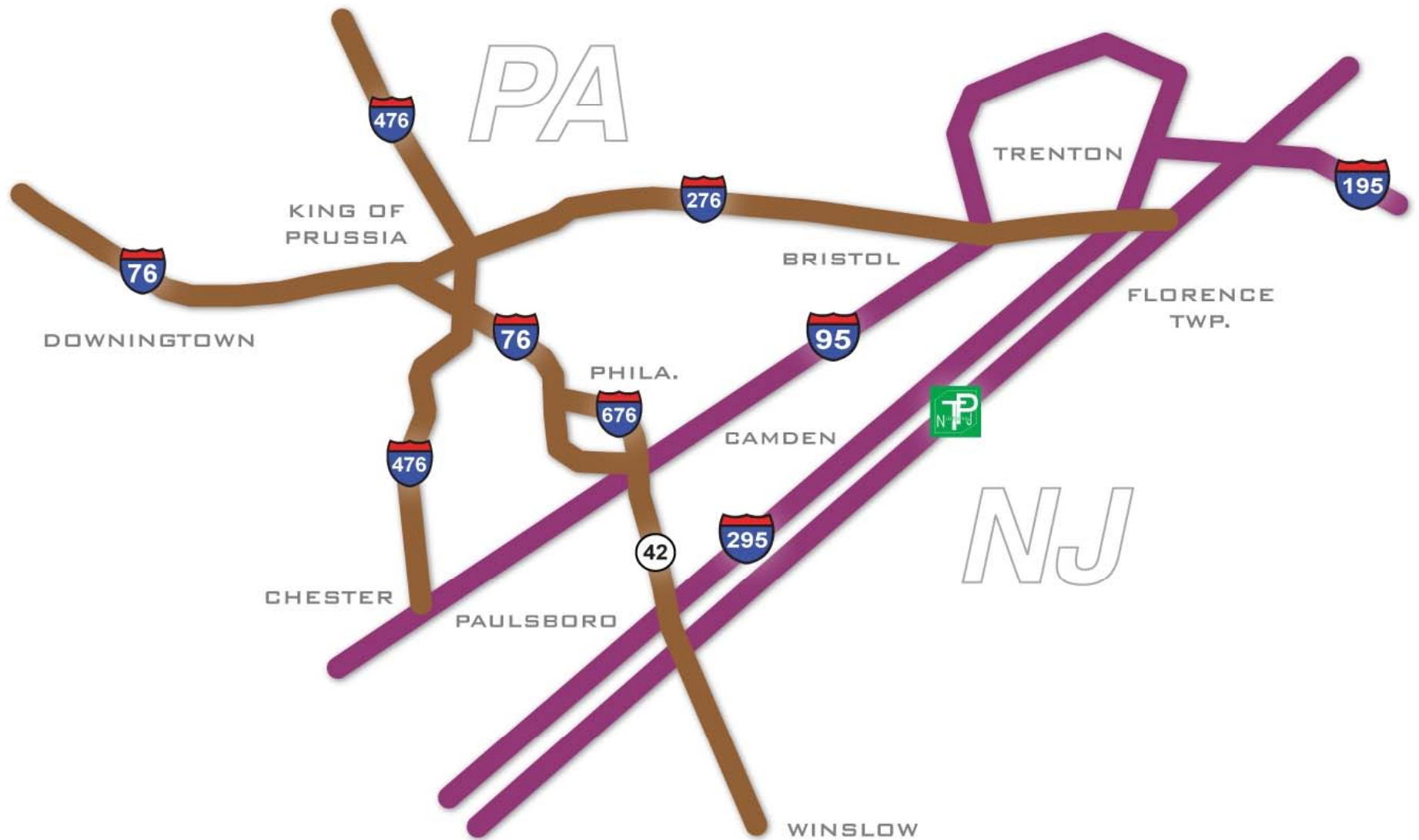
Organized Field Views



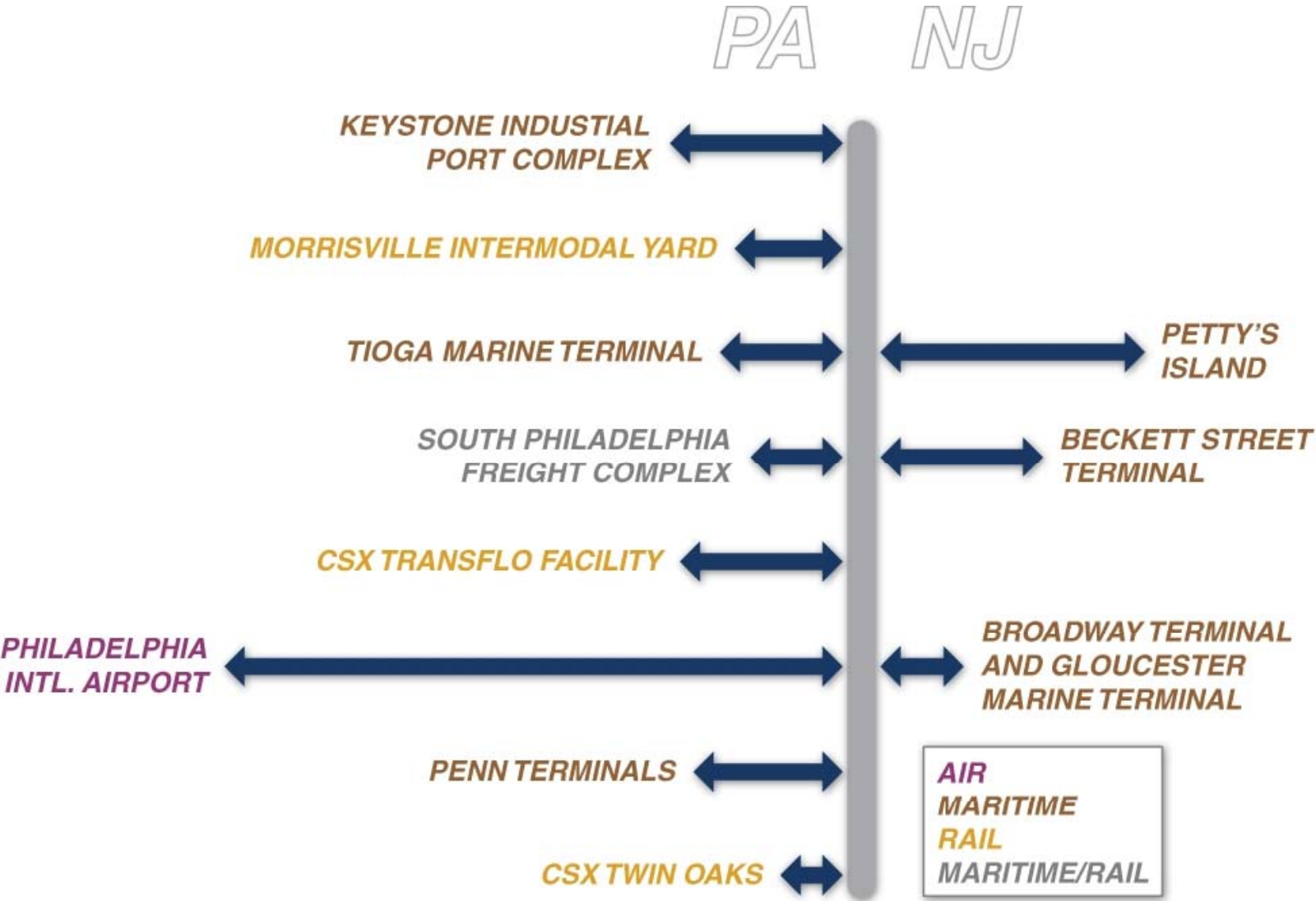
Schedule

- **September, 2009**
 - Bucks County
- **October, 2009**
 - Burlington County
- **November, 2009**
 - Philadelphia
- **December, 2009**
 - Gloucester County
- **February, 2010**
 - Chester County
- **March, 2010**
 - Montgomery County
- **April, 2010**
 - Mercer County
- **May, 2010**
 - Delaware County
- **June, 2010**
 - Camden County

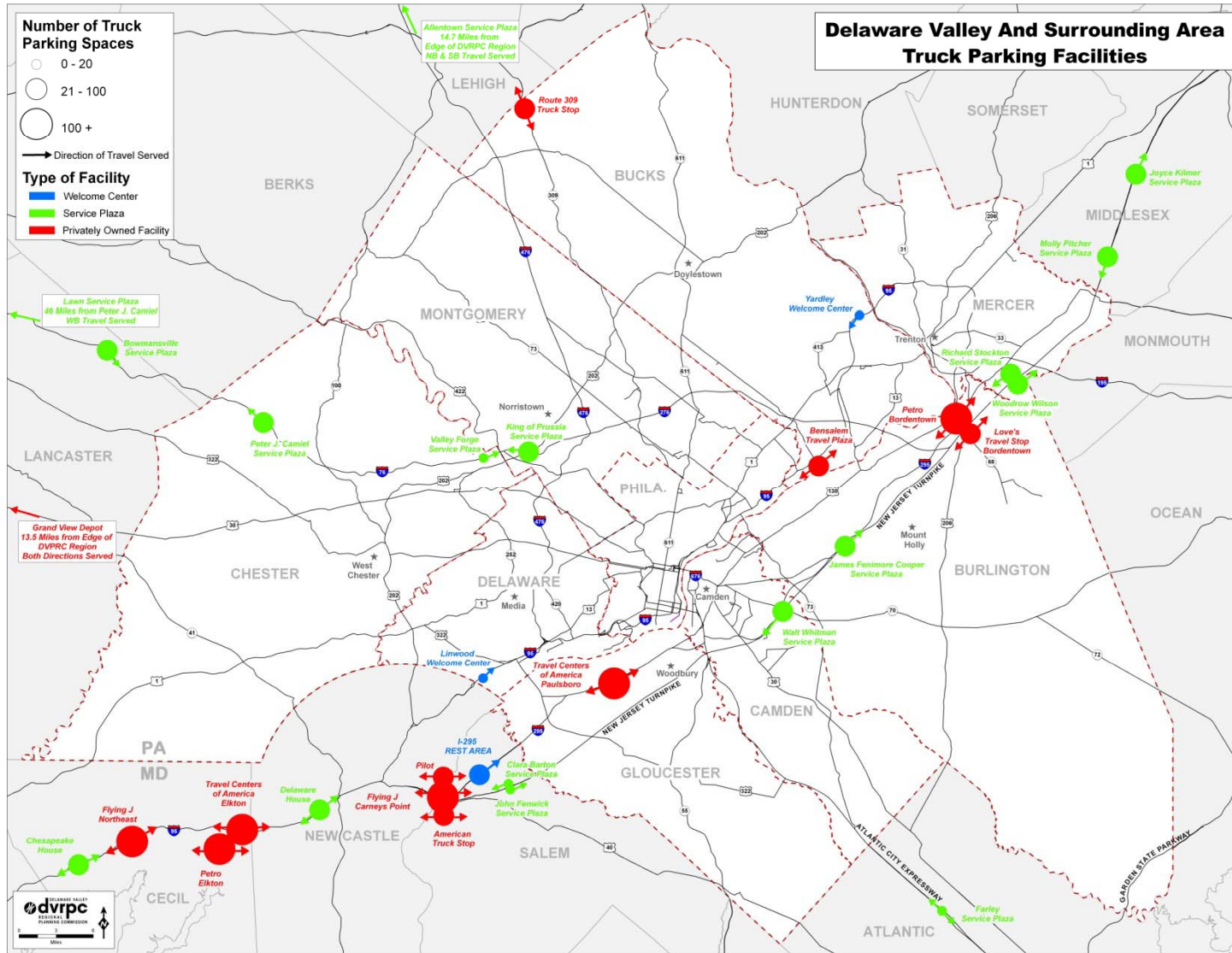
Interstate Highways



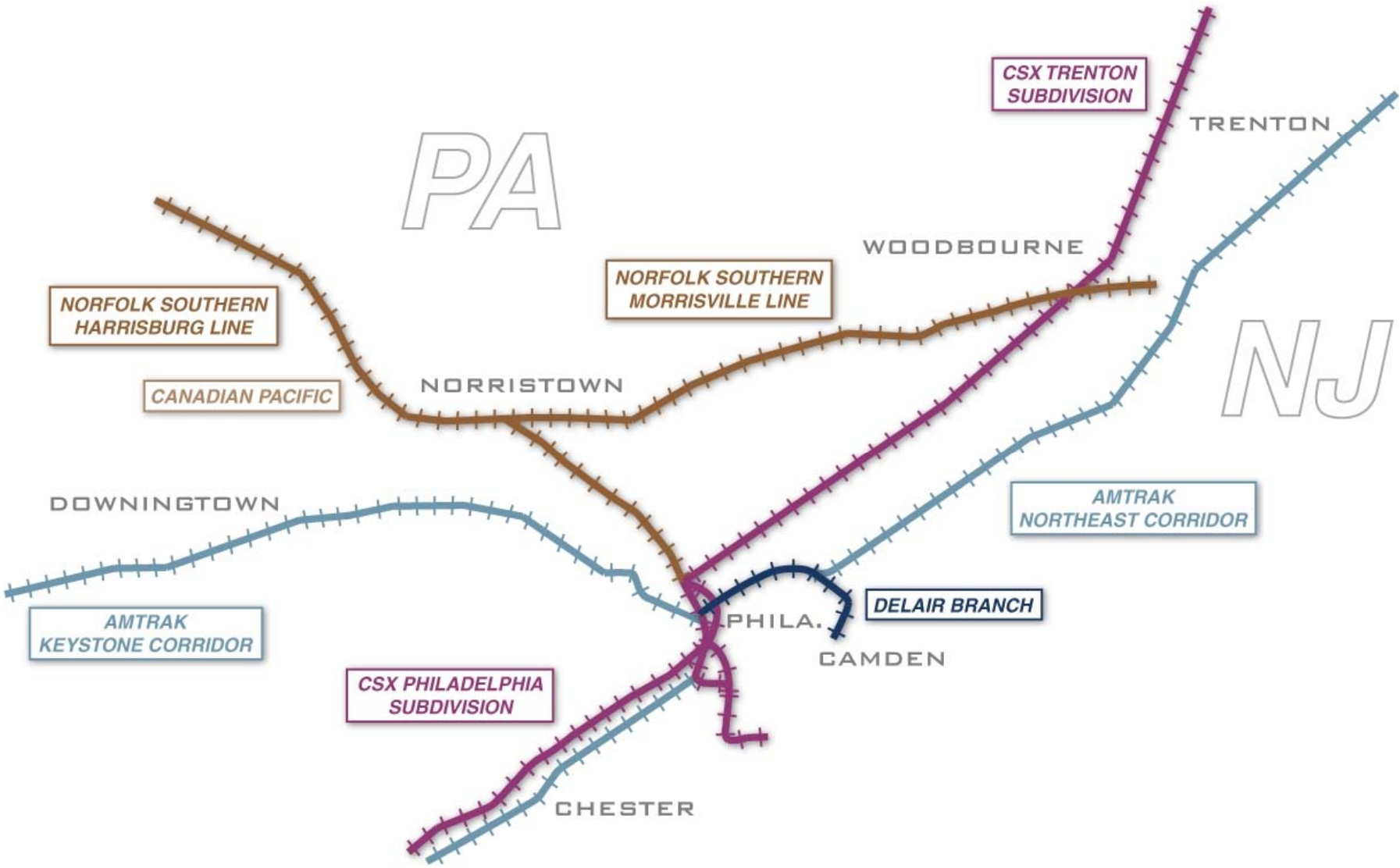
National Highway System Connectors



Truck Parking Facilities



Interstate Rail Lines

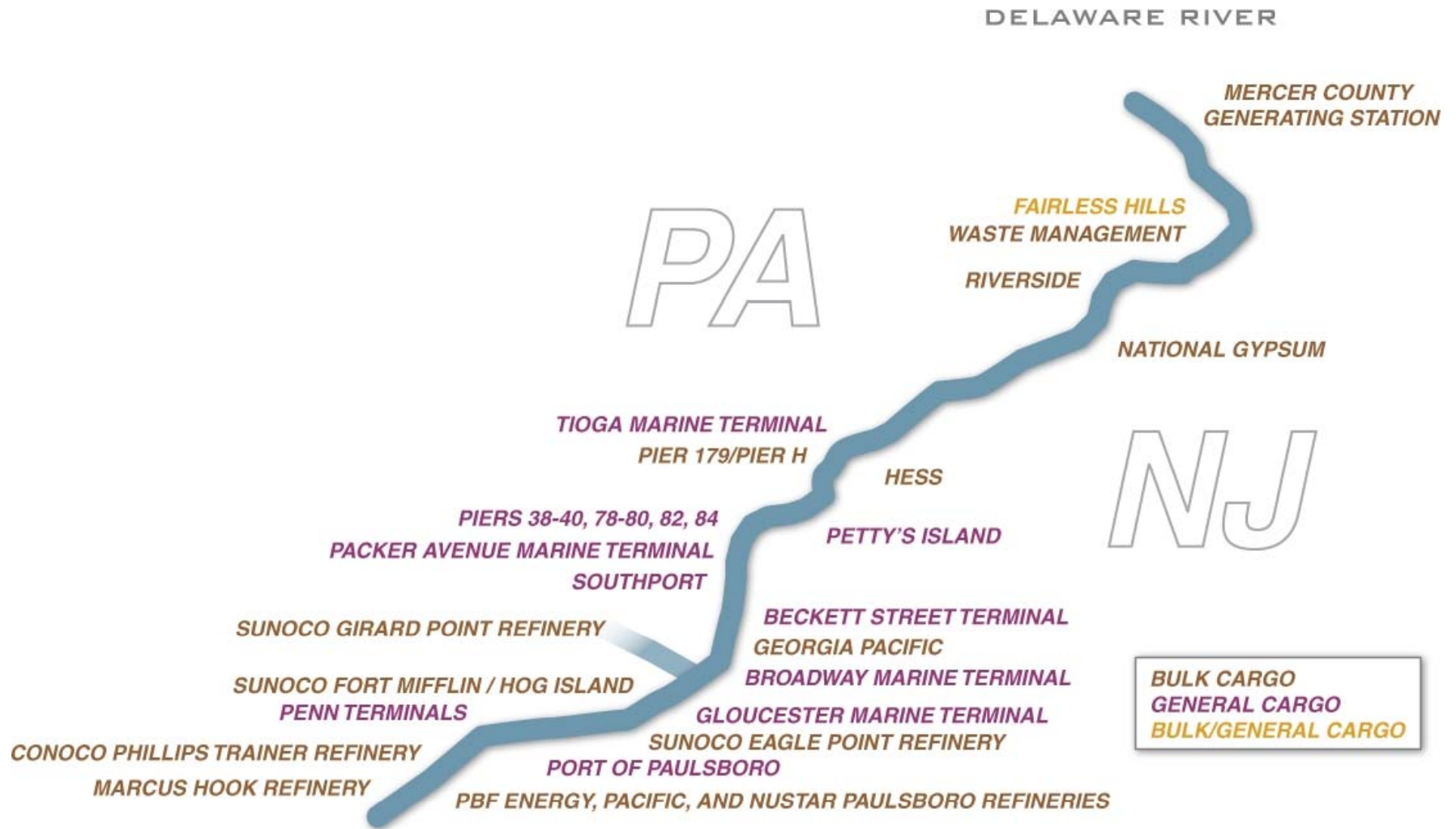


Short Lines and Industrial Tracks

PA NJ

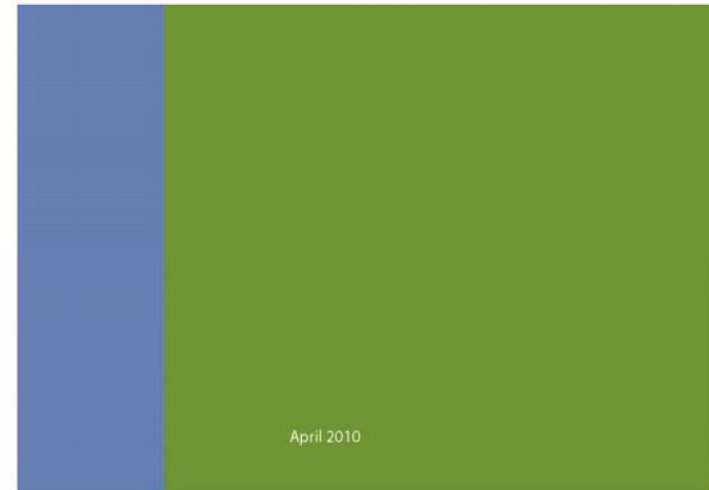


Ports



DVRPC Long-Range Vision for Freight: Policies

- Recognize the value of freight.
- Practice *Freight As A Good Neighbor* strategies.
- Be environmentally friendly and more sustainable.
- Enhance the links between freight related transportation and land use.
- Make operational improvements.



DVRPC
LONG-RANGE VISION
for FREIGHT



DVRPC Region Freight Roadway Facts	Value
Interstate Highway Route Miles	343.74
Other NHS Route Miles	1,041.52
NHS Freight Connector Route Miles	30.37
Interstate Highway Interchanges	149
Total Truck Parking Spaces	1,118
Light Truck Miles Traveled Daily	4,821,000
Heavy Truck Miles Traveled Daily	5,123,500

DVRPC Region Freight Rail Facts	Value
Freight Rail Route Miles - Total	702.72
Freight Rail Route Miles - Private	443.01
Freight Rail Trackage Miles - Public Lines	259.70
Rail Yards	23

DVRPC Region Distribution Facility Facts	Value
2008 Ship Calls	2,093
Linear Berthing (feet)	39,250
Ship Cranes	20
Air Cargo and Air Cargo (tons)	477,881
Intermodal Freight Facilities	26

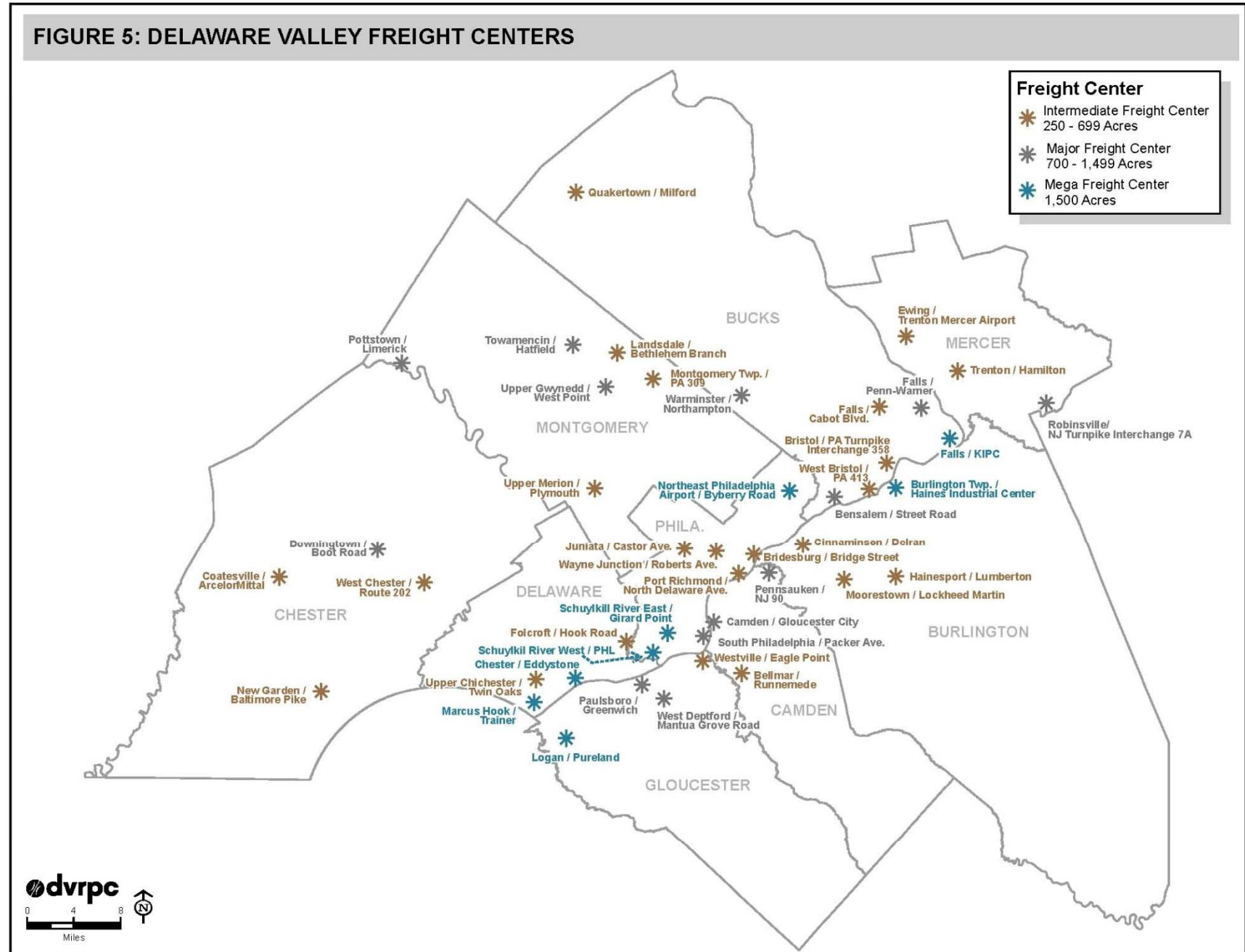
County Freight Facility and Freight Center Map Features

- **National Highway System**
 - Interstates
 - Other NHS routes
 - Truck stops
 - Interchanges
- **Rail Freight Lines**
 - Ownership and trackage rights
 - Rail yards
 - Rail intermodal facilities
- **Port Facilities**
- **Air Freight Facilities**

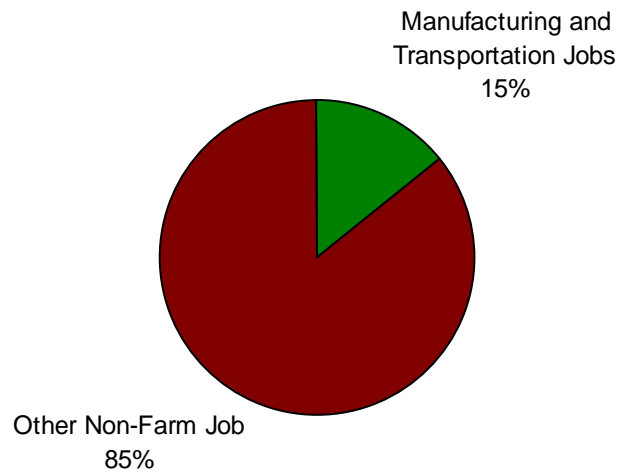
Freight Center Designations

Mega Freight Center 1,500+ acres	8 in the Region
Major Freight Center 700-1499 acres	13 in Region
Intermediate Freight Center 250-699 acres	23 in Region

FIGURE 5: DELAWARE VALLEY FREIGHT CENTERS



DVRPC Region Employment



Sector	1970	2000	% Change
Manufacturing	595,545	321,703	-46%
Transportation	119,502	132,067	11%

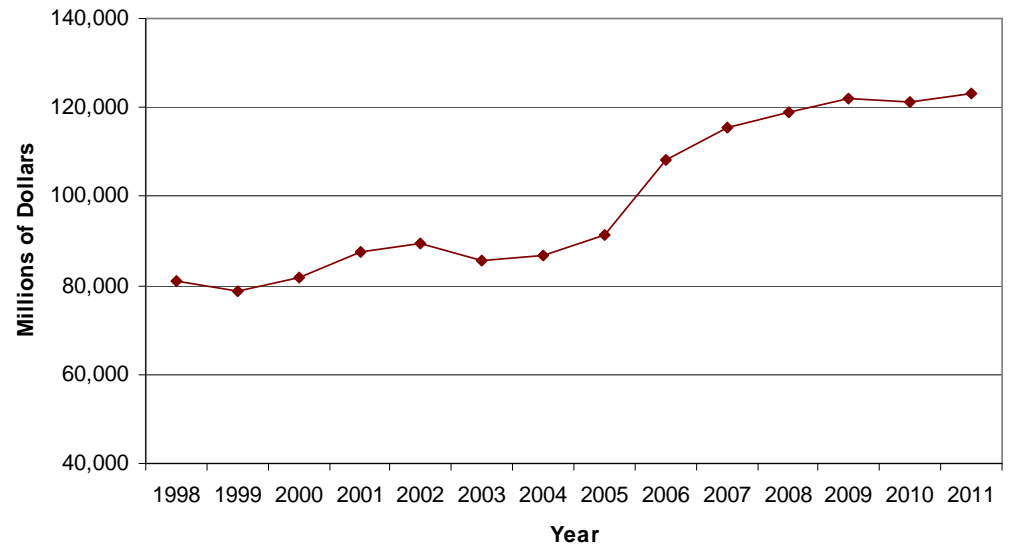
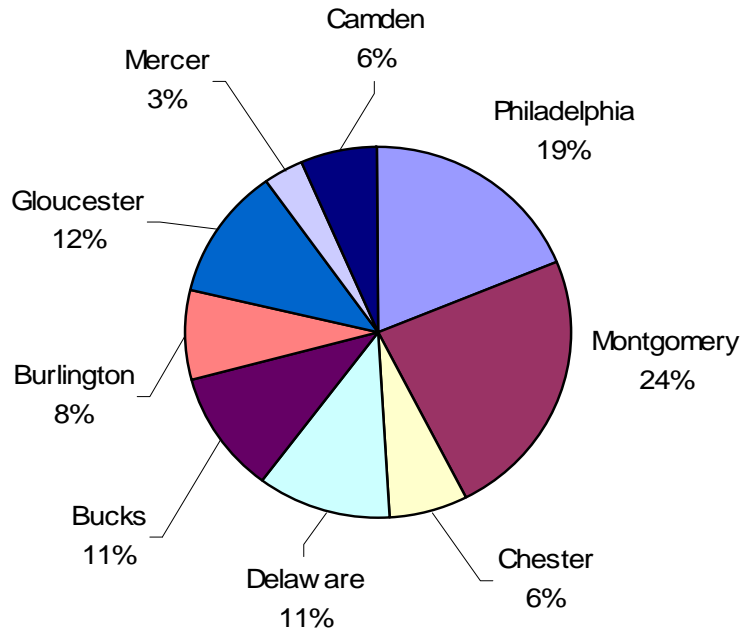
Source: Bureau of Economic Analysis, 2002 REIS data



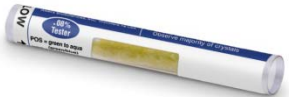
Dock workers unloading cocoa beans.
Source: SJPC

Manufacturing Economic Output

Manufacturing Output in the DVRPC Region: 2008



Supply Chain Case Studies



Freight As A Good Neighbor

Case Studies

- Bucks County - Warminster Township Police Department
- Burlington County - Roebling Steel Mill
- Camden County – NFI Industries
- Chester County – A. Duie Pyle
- Delaware County – Sunoco Inc.
- Gloucester County – Port of Paulsboro
- Mercer County - Matrix
- Montgomery County – Norfolk Southern
- Philadelphia – Philadelphia Regional Port Authority

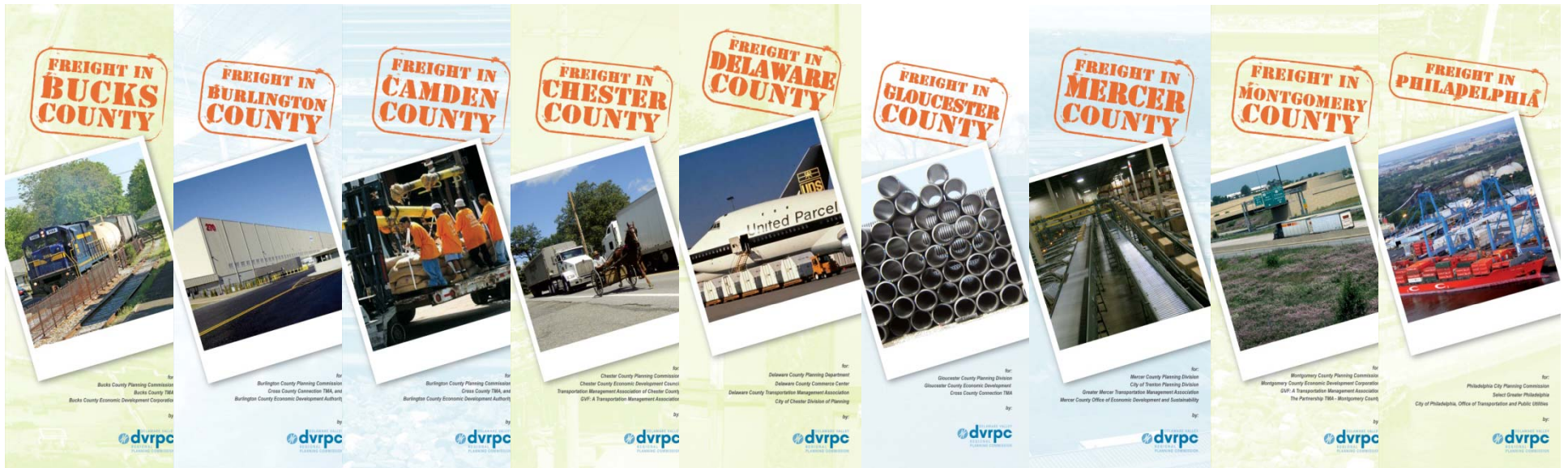


Operation Lifesaver safety blitz.

Source: Norfolk Southern

Deliverables

- County-specific freight maps and data
- Organized field views of representative freight facilities
- Documented supply chain and *Freight As A Good Neighbor* case studies
- Freight photo gallery
- Public Education Brochure



Findings and Conclusions

- The County Freight Scan project verified the DVRPC region's unique and dynamic network of freight facilities and services.
- Freight is actively considered as a positive force in many county and economic development planning efforts.
- Enhancement of the region's industrial lands can help protect open space and reduce sprawl.
- Future freight flows are less predictable and potentially more volatile and require careful planning.
- Freight-driven partnerships are key to maximizing community benefits and minimizing local impacts.