



## 1) Geography of Trade

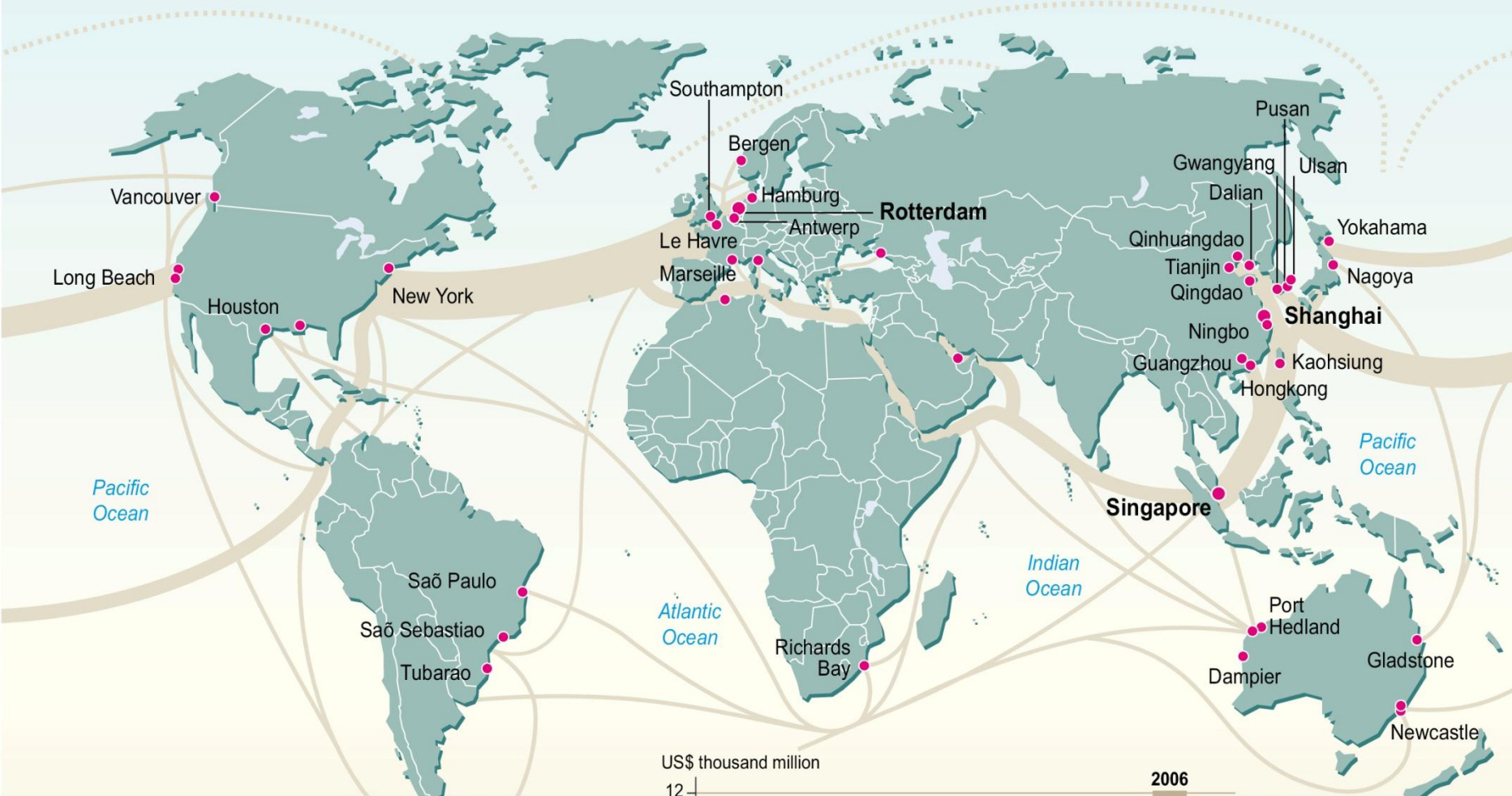


## 2) What does this mean for “hinterlands”



## 3) How can and should ports react?

# The boom in shipping trade

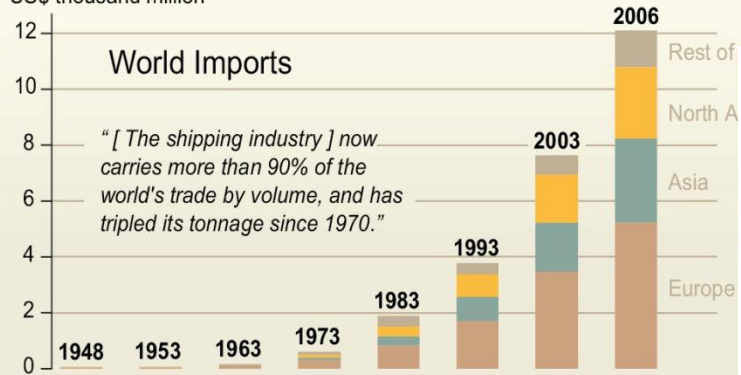


- Major merchandise port
- Major shipping routes
- ⋯ Projected shipping routes

US\$ thousand million

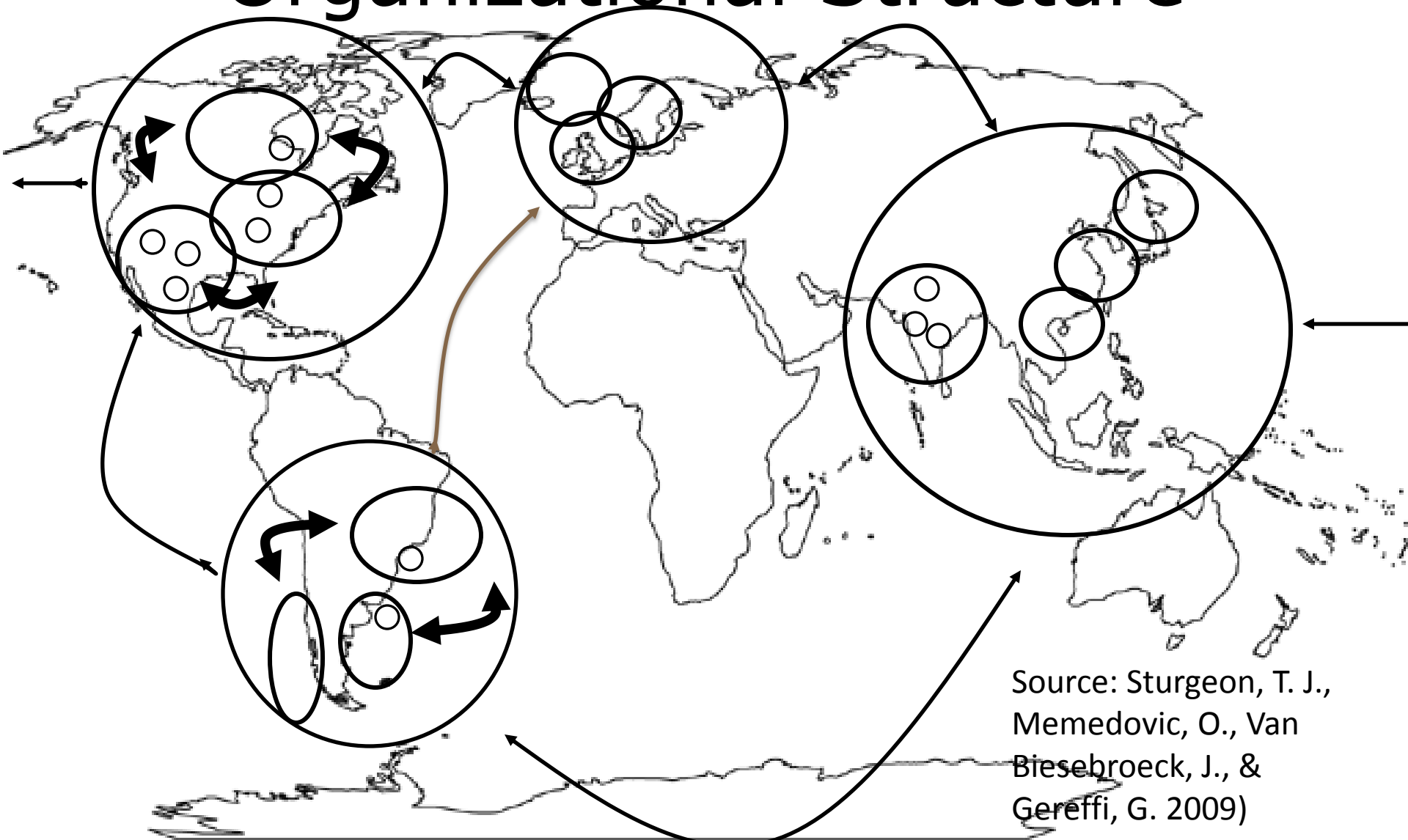
## World Imports

" [ The shipping industry ] now carries more than 90% of the world's trade by volume, and has tripled its tonnage since 1970."



Sources: John Vidal, "Shipping boom fuels rising tide of global CO<sub>2</sub> emissions", The Guardian, February 13 2008; Atlas du Monde Diplomatique 2006, Armand Colin; Panorama des ports de commerce mondiaux 2003, ISEMAR, January 2005; Images économiques du monde 2002, Sedes.

# Global Nested Geographic and Organizational Structure



Source: Sturgeon, T. J.,  
Memedovic, O., Van  
Biesebroeck, J., &  
Gereffi, G. 2009)



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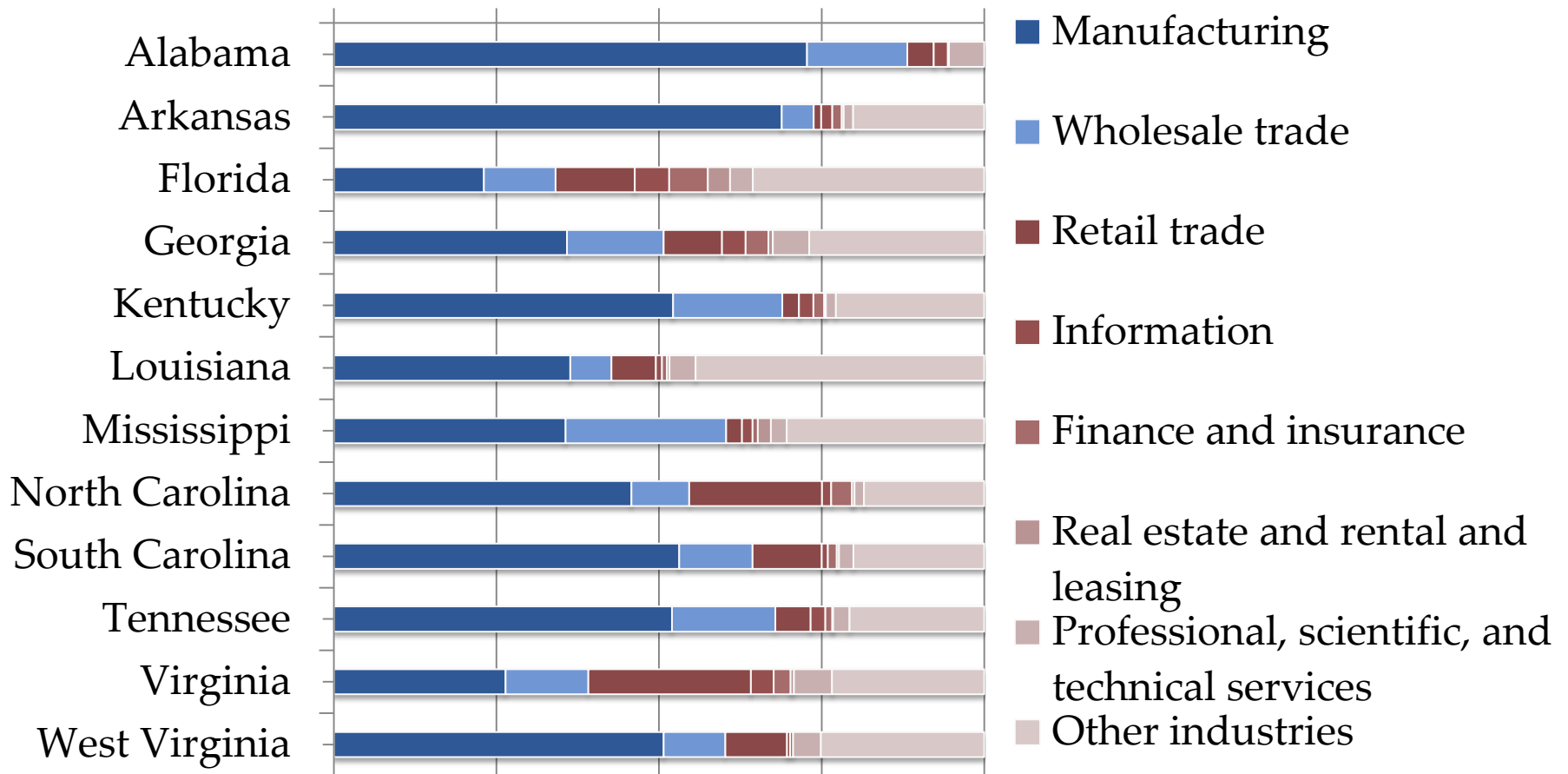
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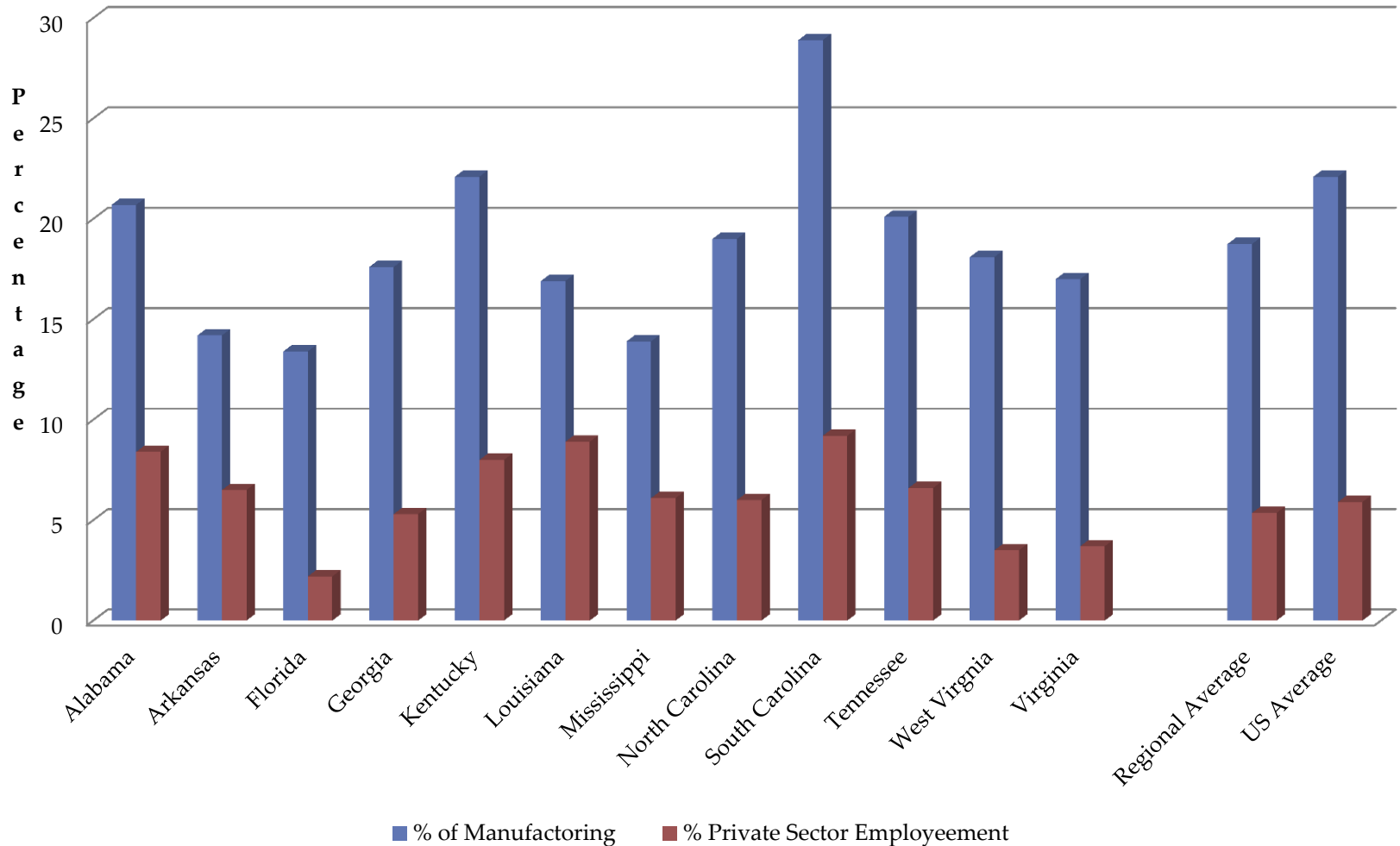
3) How can and should ports react?

# FDI, Jobs by Sector, 2007 (thousands of jobs)

0% 25% 50% 75% 100%

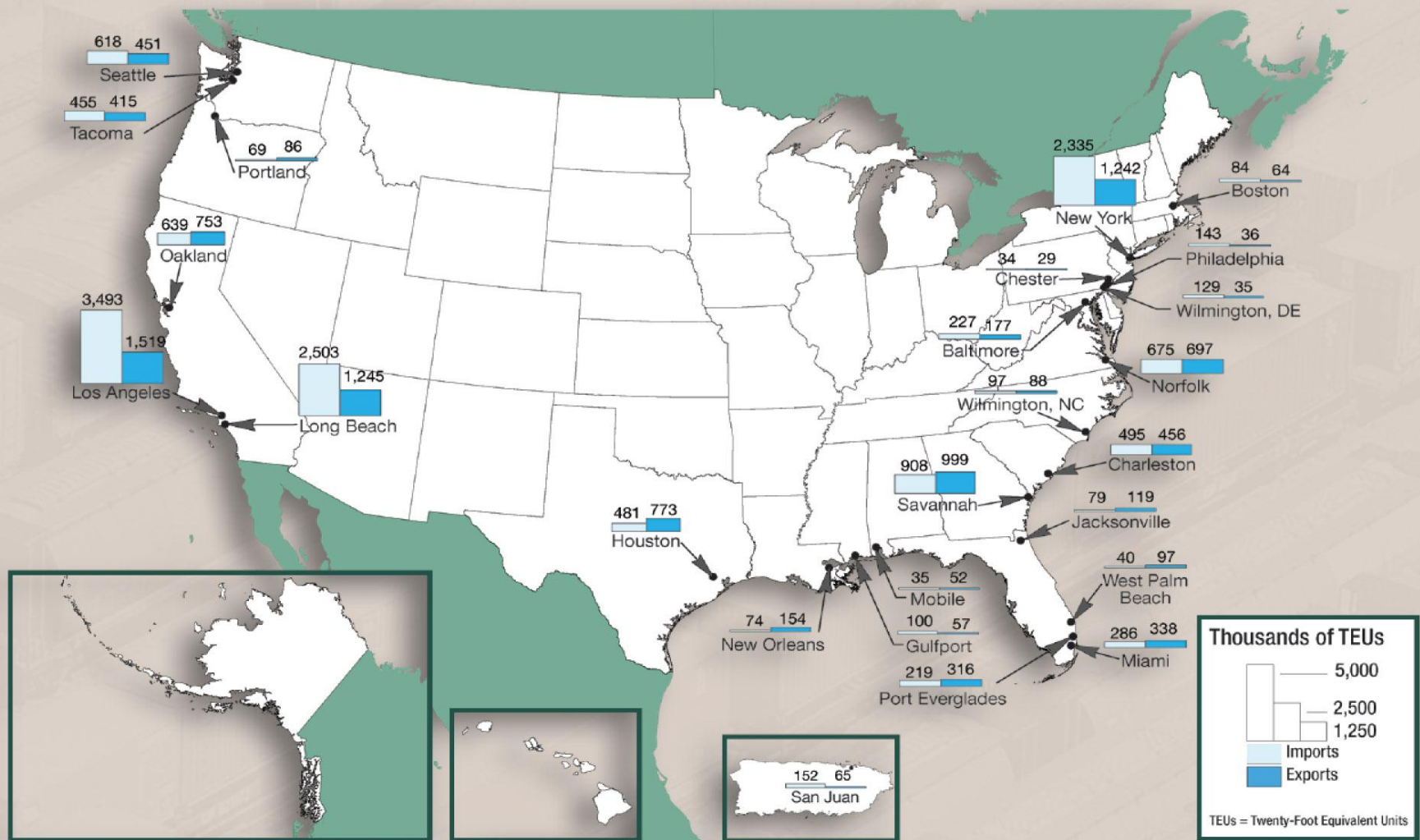


# Export Related Jobs as Share of Employment, 2008





**Figure 3-17. Top 25 Water Ports by Containerized Cargo: 2009**



**Note:** The statistics include both government and non-government shipments by vessel into and out of U.S. foreign trade zones, the 50 states, District of Columbia, and Puerto Rico.



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## 2) What does this mean for “hinterlands”

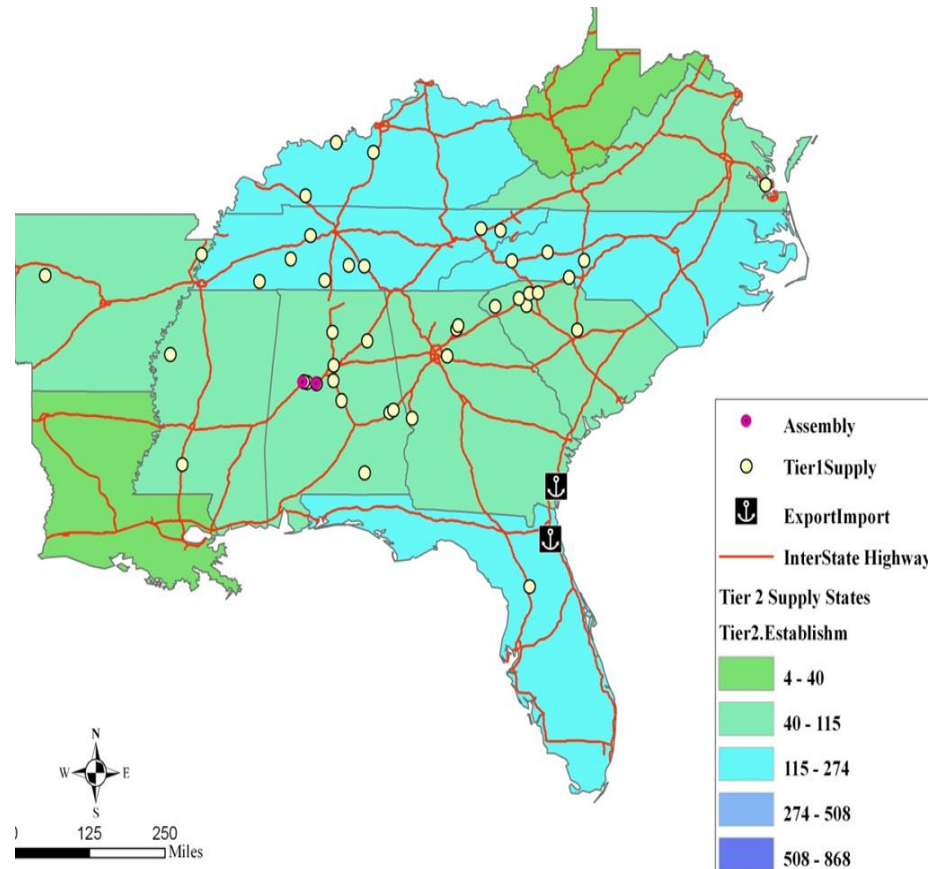


## 3) How can and should ports react?

# “What is the Message”

Its about me...

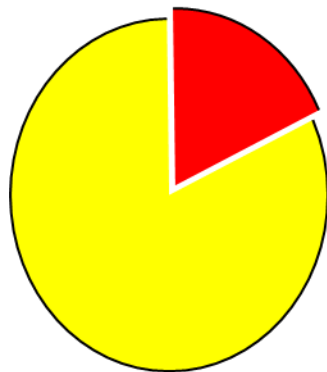
Really?





# Needs in Southeast from Latin American Trade (LATTs)

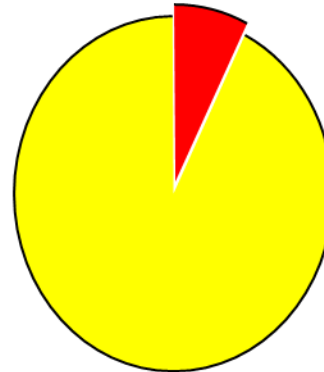
**TOTAL 20-YR NEEDS ESTIMATE**



**\$92 Billion**

■ Latin America  
■ Other

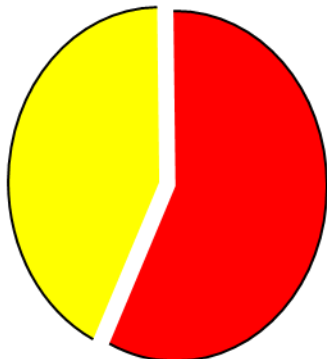
**20-YR HIGHWAY NEEDS ESTIMATE**



**\$67 Billion**

■ Latin America  
■ Other

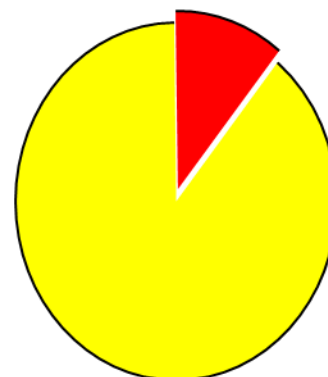
**20-YR PORT NEEDS ESTIMATE**



**\$22 Billion**

■ Latin America  
■ Other

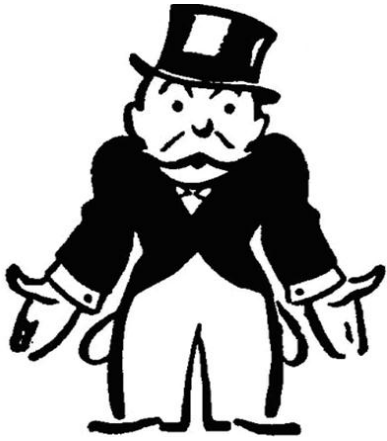
**20-YR AIR CARGO NEEDS ESTIMATE**



**\$3.3 Billion**

■ Latin America  
■ Other

# What Do Ports Control?



- Facilities
- Access – Land
- Access – Water
- Labor, Agents, Etc.
- External Factors
- Finances
- Public Image





**Where do we go from here...**