



# AAPA

# SHIFTING INTERNATIONAL TRADE ROUTES

## Meeting Future Infrastructure Needs Super Regional Infrastructure

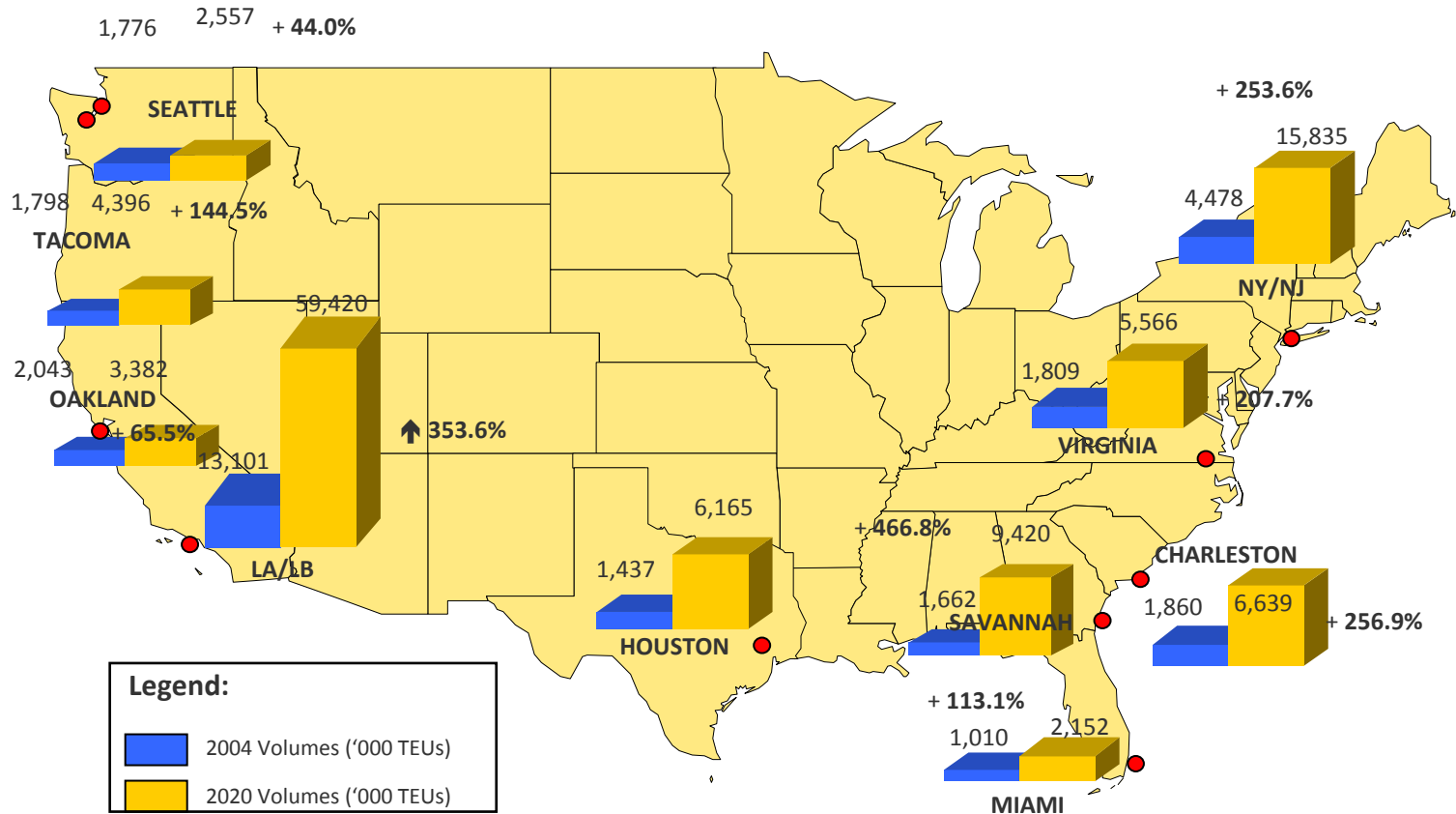
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Ceres Terminals Incorporated

January 16, 2009  
Tampa Florida



# Infrastructure Issues: Current and Future

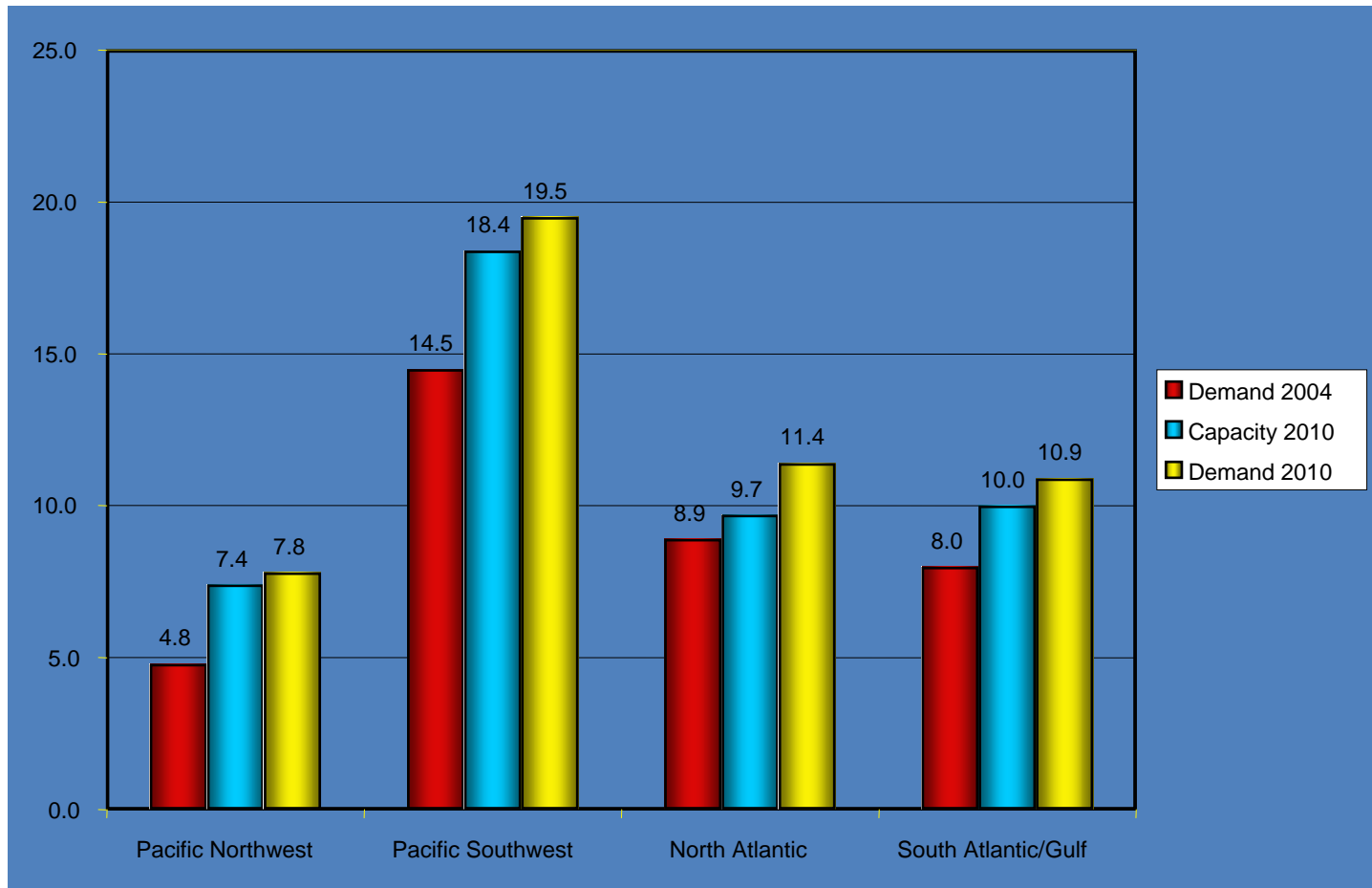
Longer term growth will far exceed terminal capacity in most U.S. Ports



Source: American Society of Civil Engineers (ASCE)  
Card for America's Infrastructure, U.S. DoT

# Port Capacity is Restricted and is a Scarce Resource

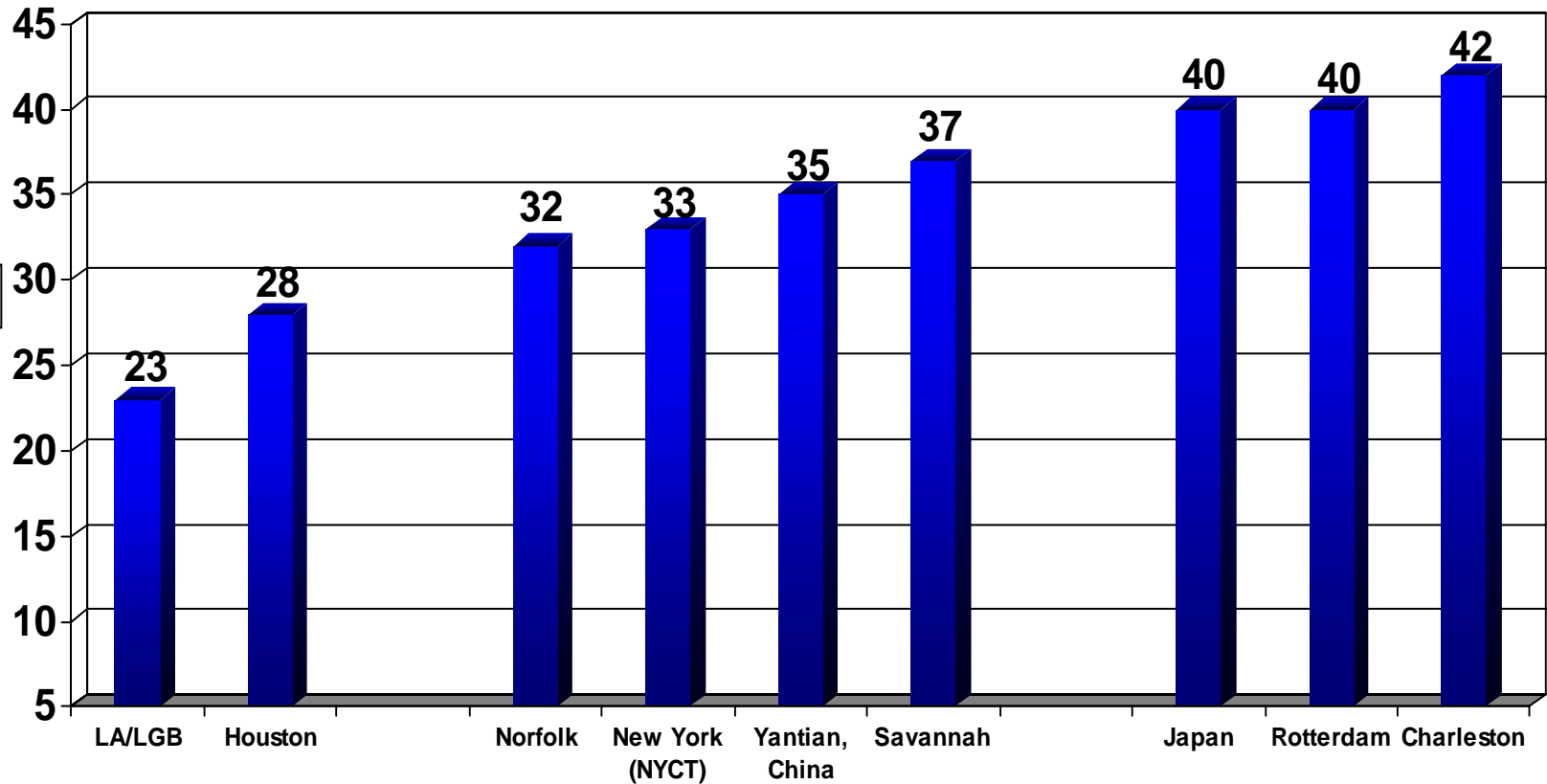
## *Port capacity/demand in Millions TEU*



Source: Drewry Shipping Consultants Ltd.

# TERMINAL PRODUCTIVITY

## Moves per Hour



# **TERMINAL VELOCITY**

## **Port Throughput Per Acre**

<b>Port</b>	<b>Throughput/Acre (TEUS)</b>
<b>US East Coast</b>	<b>4,000</b>
<b>US West Coast</b>	<b>5,000</b>
<b>Major World Ports</b>	<b>10,000 – 15,000</b>

# YARD DENSITY

## Port Throughput Per Acre

