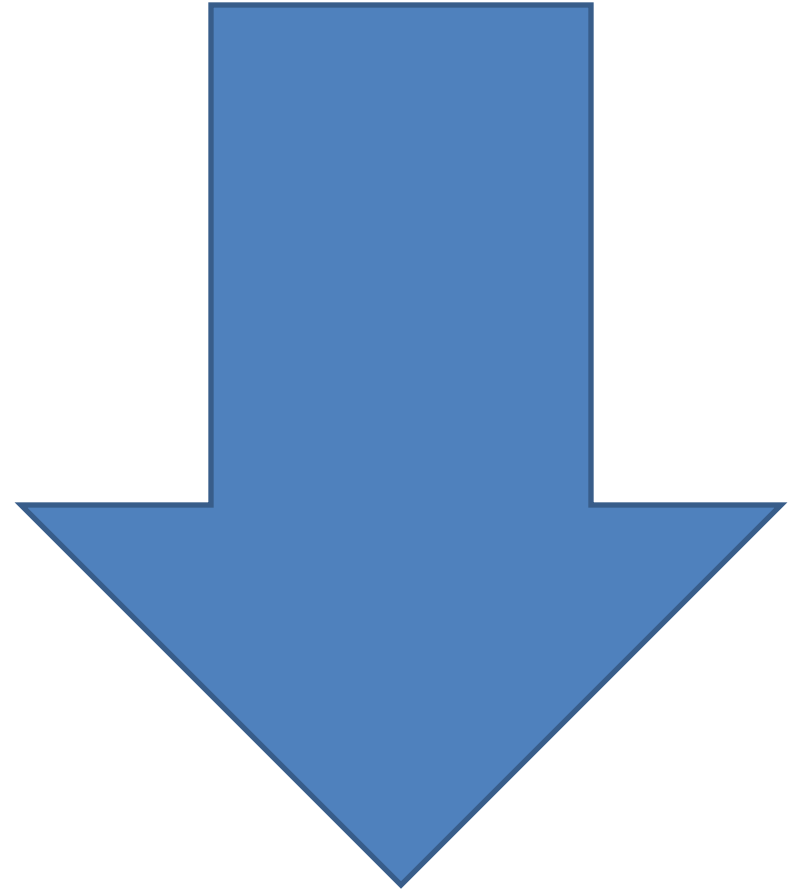


“The Clean Air Action Plan is designed to develop mitigation measures and incentive programs necessary to reduce air emission and health risks while allowing port development to continue.”

# Great Progress on Improving Air Quality

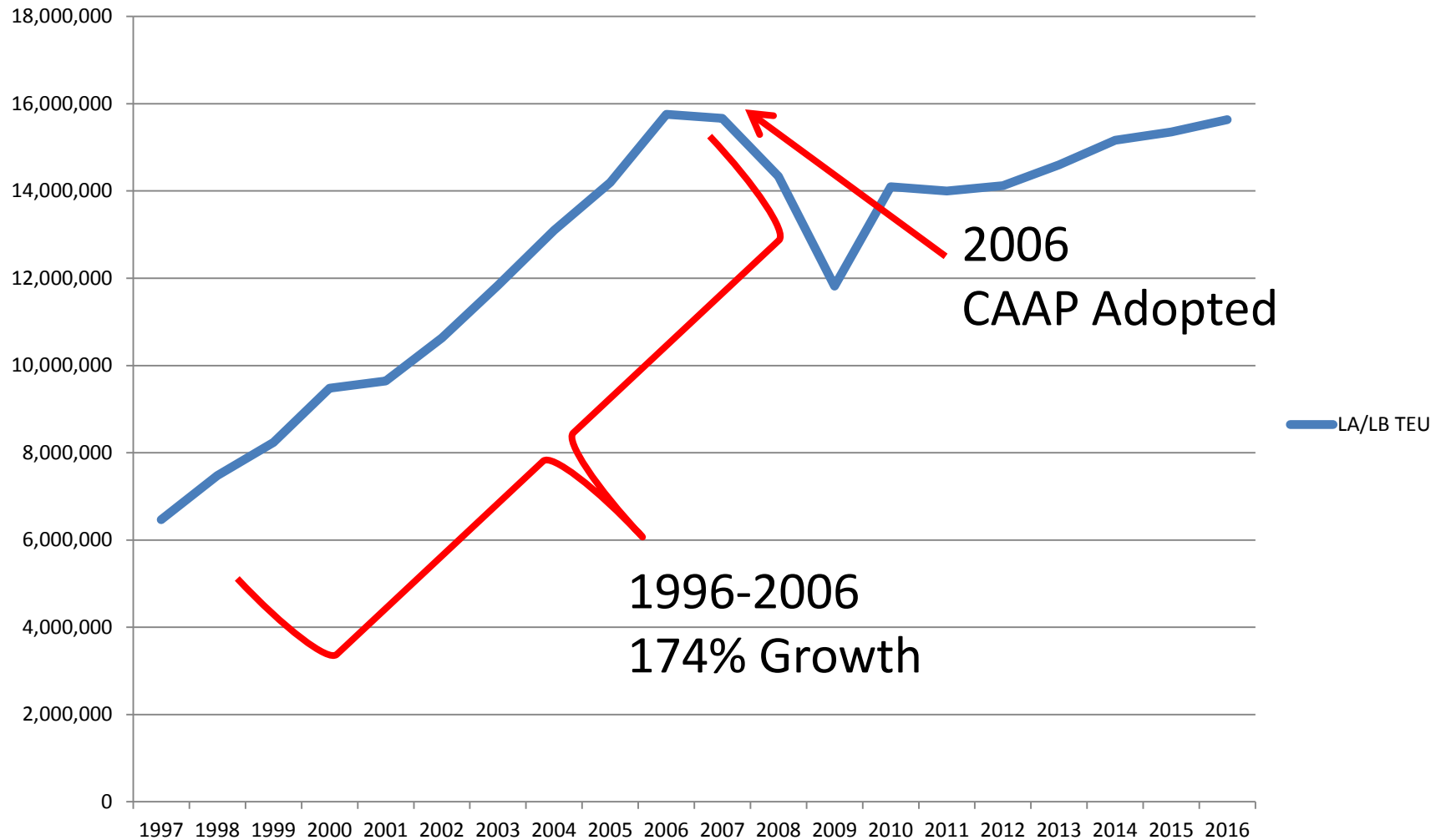
DPM	85%
NO <sub>x</sub>	51%
SO <sub>x</sub>	97%



But...

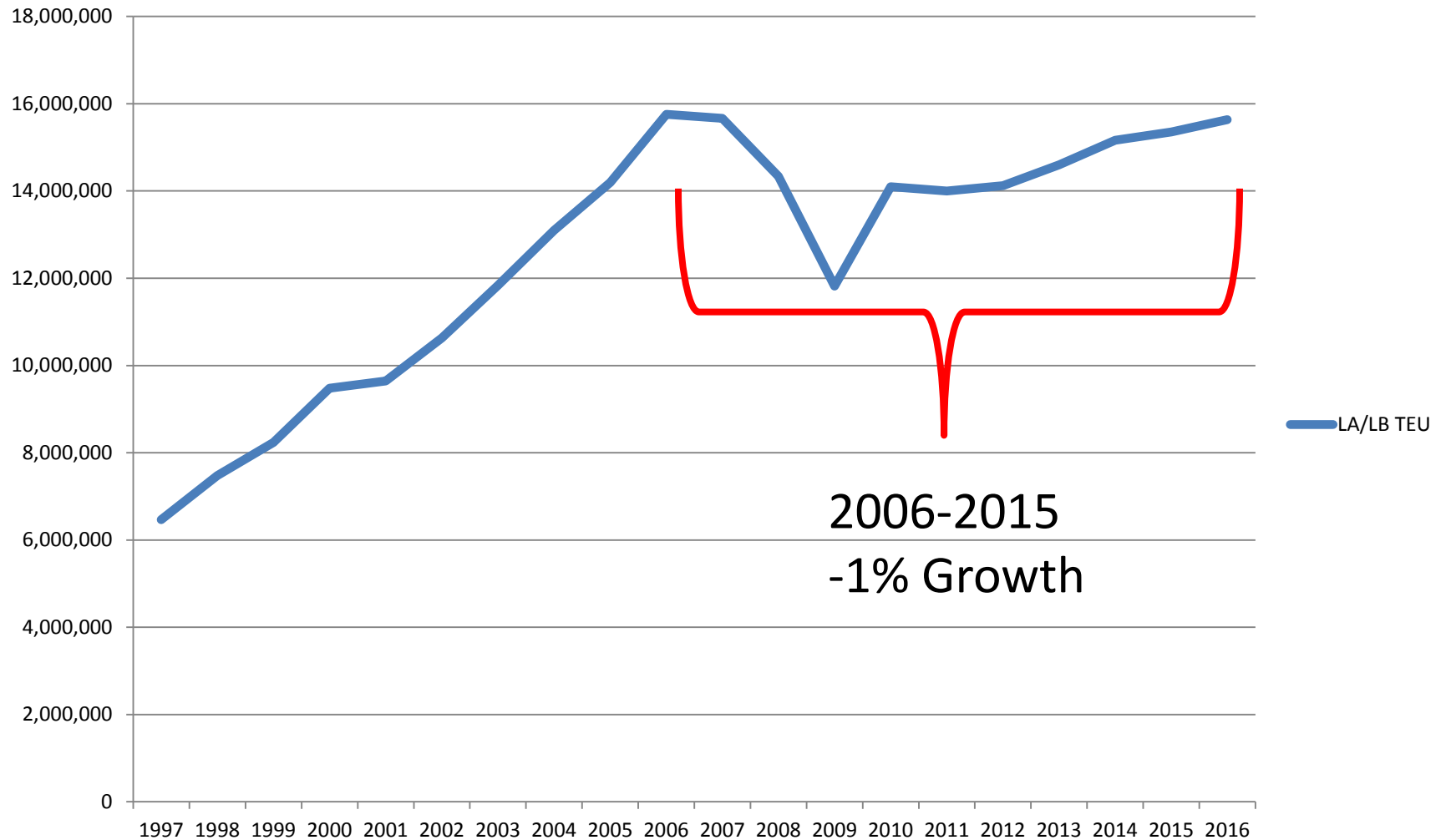
No Growth  
&  
Lost Market Share

# Growth Before the CAAP



Source: Port of Los Angeles  
Port of Long Beach

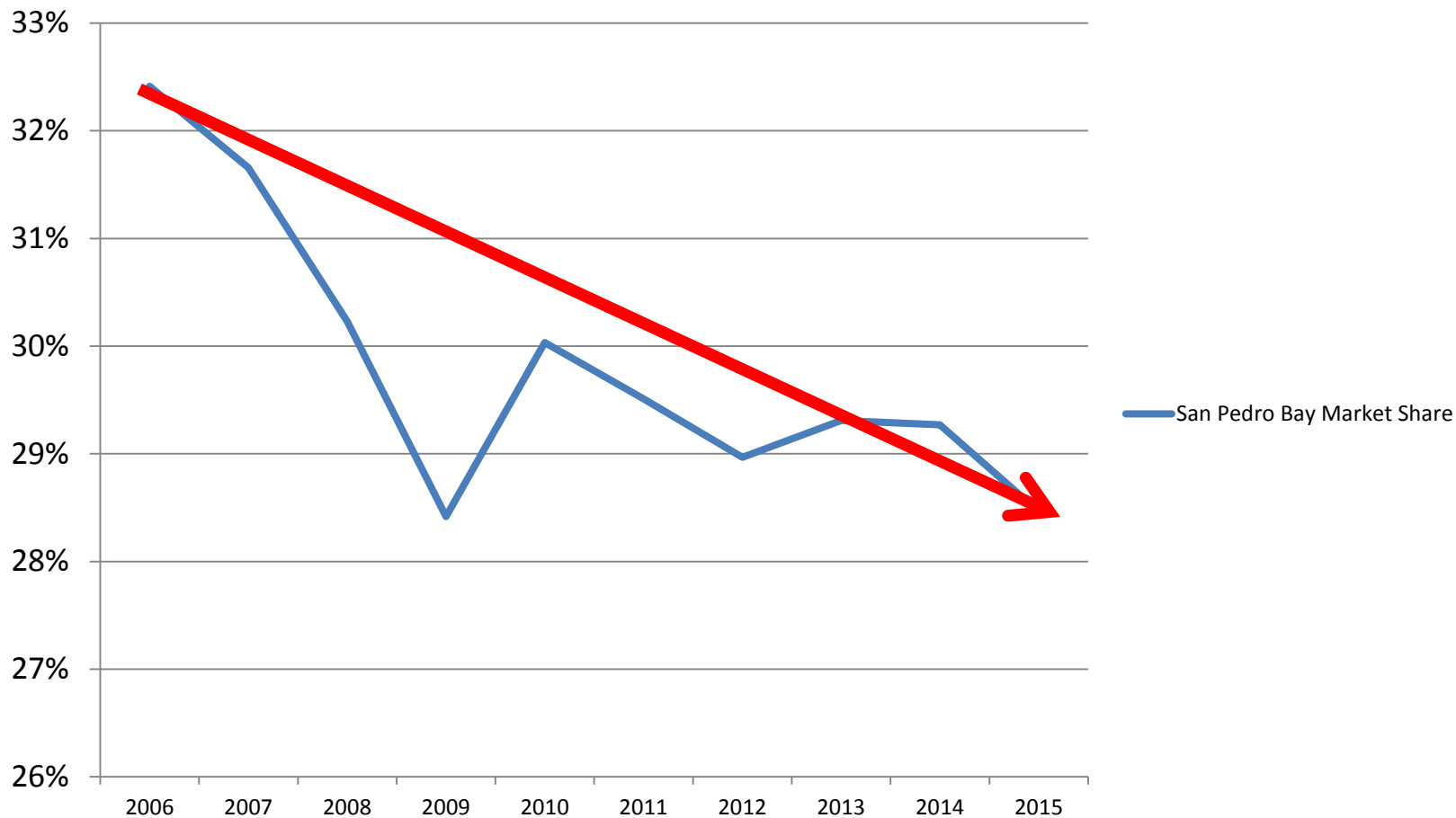
# Growth Since the CAAP



Source: Port of Los Angeles  
Port of Long Beach

# Lost Market Share

San Pedro Bay Market Share of US/Canada



Source: AAPA  
Port of Los Angeles  
Port of Long Beach



2.1 Million TEU lost  
How many lost jobs?  
How much lost economic impact?



Photo courtesy of the Port of Los Angeles

**PMSA**  
PACIFIC MERCHANT SHIPPING ASSOCIATION





Our members support the transition  
to zero and near-zero technologies

Photo courtesy of the Port of Long Beach

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Transition to ZE/NZE will cost terminals  
\$19 Billion to \$29 Billion





# The ports must increase competitiveness



Photo courtesy of the Port of Long Beach

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# CAAP must be linked to growth & competitiveness

- Analyze the CAAP for its impact on competitiveness
- Develop a Competitiveness Action Plan

Photo courtesy of the Port of Long Beach



# CAAP must be linked to growth & competitiveness



Photo courtesy of the Port of Long Beach

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