

CARB Regulatory Cost Summary

Costs Related to CARB Regulations Imposed on Port-Related Operations Since the Passage of Prop. 1B in 2006 Are Approximately \$5 billion

CARB Regulation	Effective Date	Total Cost
Cargo Handling Equipment	2007	\$71,000,000
Harbor Craft	2009	\$140,000,000
Port Cold Ironing	2009	\$1,800,000,000
Vessel Fuel Switching	2009	\$1,500,000,000
Drayage Trucks	2010	\$1,500,000,000
	TOTAL	\$5,011,000,000

Commercial Harbor Craft Regulation

Effective January 1, 2009

"How much will the regulation cost?"

The total cost of regulatory compliance for affected businesses is estimated to be approximately \$140 million over the life of the regulation."

- CARB, Commercial Harbor Craft Regulation Fact Sheet

Cargo Handling Equipment Regulation

Effective January 1, 2007

"What are the economic impacts of the proposed regulation?"

ARB staff estimates the cost for compliance with the regulation to be approximately 71 million dollars for the total capital and recurring costs."

- CARB, Cargo Handling Equipment ISOR

Oceangoing Vessel Cold-Ironing Regulation

Effective January 1, 2009

"Economic Impacts

Staff estimates the total statewide costs for affected businesses and port authorities to comply with the proposed regulation to be approximately \$1.8 billion, in 2006 dollars."

- CARB, Cold-Ironing Regulation ISOR

Oceangoing Vessel Fuel Use Regulation

Effective July 1, 2009

"What are the economic impacts of the proposed regulation?"

For the entire ocean-going shipping fleet that visits California, we estimate an added annual fuel cost of about \$140 to \$360 million, or about \$1.5 billion between 2009 and 2015."

Port Drayage Truck Regulation

Effective January 1, 2010

"Economic Impacts

Staff estimates that the overall regulatory costs to business for complying with the proposed regulation would be approximately \$1.1 - \$1.5 billion (2006 dollars)."

- CARB, Port Drayage Truck Regulation ISOR