



Port of Oakland

Port Address 530 Water Street, Oakland, CA 94607 (<http://www.portofoakland.com>)

Port Contacts Jean Banker; jbanker@portoakland.com; 510-627-1325
Chris Peterson; cpeterson@portoakland.com; 510-627-1308

Caltrans Contacts HQ: Terri Bridges, (916) 654-3419; Terri_Bridges@dot.ca.gov
District 4: Joseph Aguilar, (510) 286-5591; Joseph_Aguilar@dot.ca.gov

Located in Alameda County on the eastern shore of San Francisco Bay, the Port of Oakland (Port) is 300 nautical miles closer to Asia (major trading partner) than the southern California (CA) ports. Established in 1927, it's the first Port on the U.S. West Coast to pioneer containerization. The Port is an independent department of the City of Oakland, is managed by the Oakland Board of Port Commissioners, funds its own operations, and receives no tax revenues from the City. This international gateway is known for its innovative environmental programs. The Port owns and operates Oakland International Airport, includes commercial developments (Jack London Square), and hundreds of acres of public parks and conservation areas. The Port supports more than 50,000 jobs regionally and over 800,000 jobs across the U.S.



PORT INFRASTRUCTURE

Channel depth	50'
Maritime area	1,300 acres
Port area ¹	16,000 acres
Marine terminals	7 (779 acres)
Deepwater berths	18
Waterfront	20 miles

KEY PLANNING & PARTNER AGENCIES

- Metropolitan Transportation Commission
- Association of Bay Area Governments
- Bay Area Air Quality Management District
- California Air Resources Board
- California Department of Transportation
- U.S. DOT Maritime Administration

PORT TRADE CHARACTERISTICS

- 5th busiest port in cargo volume in U.S.
- 3rd busiest port on the U.S. West Coast
- 2.3 million import/export TEUs (2010)
- Exports exceed imports
- 14% container volume increase (2009 to 2010)
- 99% CA containerized goods moving through Northern CA are handled by Port
- Port signed 50-year terminal operations lease with Ports America Outer Harbor
- A landlord Port, not an operating Port
- Hours of Port operation vary by terminal
- Imports \$3.1 million TEUs (2010)
- Exports 1.6 million TEUS (2010)

¹ Includes airport, commercial real estate, parks & conservation areas

Freight Planning Fact Sheet

Top Trading Partners 2010

Imports/Exports	Percentage
Asia	81%
Europe	3%
Domestic ²	14%
Australia/New Zealand & South Pacific Islands	2%

Top Commodities by US \$ Value 2010

Imports	Exports
Furniture	Fruit
Plastic ware, tiles	Nuts
Computers	Beverages
Data processing	Meats
Machinery/parts	Machinery

MARINE HIGHWAY PROJECT

The California Green Trade Corridor/ Marine Highway Project will use barges to move cargo along inland waterways, creating an environmental friendly alternative to conventional freight and cargo movement by trucks and rail. On 2-17-10, a \$30 million TIGER I grant was awarded to the Oakland, Stockton, and West Sacramento ports to upgrade the port facilities and purchase the equipment needed for a container-on-barge service to transport containers. Analysts predict this service could eliminate 180,000 truck trips on the I-580, I-80, and I-205 corridors; save approximately 7 million gallons of fuel annually; and improve air quality. Project is due to set sail April 2012.

MAJOR PORT PROJECTS

- **Former Oakland Army Base (OAB)**
Redevelopment Plan for 168 acres of former OAB to become a world class trade/logistics center in coordination with City of Oakland 160 acre redevelopment project adjacent to Port.
Project includes 3 components: improved rail service connecting Oakland International Gateway (OIG), and the Union Pacific (UP) rail terminal to the former OAB area, new warehouse facilities, and an improved 7th Street Grade Separation (Trade Corridor Improvement Fund Project).
- **I-880 Freeway Reconstruction Project**
Overcrossing and ramps improvements to 29th Avenue and 23rd Avenue

INTERMODAL CONNECTIONS

Truck

- Intrastate and interstate route access is available on I-80, I-880, and I-580/I-238.
- Federal Highway Administration identified I-80 at I-580/I-880 (Bay Bridge approach) as among the worst freight bottleneck in California's supply chain.
- The Port has a Maritime Comprehensive Truck Management Plan to address multiple concerns around drayage trucking including safety, security, environmental concerns, traffic congestion, and pavement issues.
- The OIG featuring loading/unloading track, storage, and container parking, eliminates the need to truck containers between the Port and the BNSF terminal in Richmond, 12 miles away.

Rail

- UP and BNSF primarily provide double stack intermodal (container) or trailer-on-flatcar service for maritime cargo over the Donner route. BNSF also uses the Tehachapi route, which ties into their transcontinental route serving Chicago, Kansas City, and Memphis.
- The Oakland Terminal Railway short line (owned by UP & BNSF) serves the Port with 10 miles of track.
- The main rail project is on the Port's portion of the former OAB. This redevelopment project includes improved rail service capable of handling increased container-cargo-based transfers and warehouse activities.

MAJOR PORT ISSUES

- Seaport security
- Navigation maintenance - channel dredging
- Intermodal road and rail access
- Air quality
- Secure funding and financing
- Limited capacity and intermodal connections
- Freight congestion (capacity, safety, and bottleneck issues on I-880, I-580, I-238 and I-80)

CALTRANS FOCUS AREAS

- Containerized cargo growth is expected to generate substantial truck and rail traffic. North-south rail capacity is bottlenecked.
- Better port access truck routes are needed.
- Air pollution and quality-of-life issues within neighboring Port communities from diesel engine emissions.

² Includes Hawaii and Guam

Freight Planning Fact Sheet

REFERENCES AND SOURCES

- World Port Source – http://www.worldportsource.com/ports/USA_CA_Port_of_Oakland_231.php
- California Air Resource Board (CARB) – <http://www.arb.ca.gov>
- Caltrans Office of Truck Services / Maps – <http://www.dot.ca.gov/hq/traffops/trucks/>
- Metropolitan Transportation Commission (MTC) – Regional Goods Movement Study for the San Francisco Bay Area - <http://www.mtc.ca.gov/planning/rgm/>
- Association of Bay Area Governments (ABAG) – <http://www.abag.ca.gov/>
- Bay Area Air Quality Management District (BAAQMD) – <http://www.baaqmd.gov/>
- Air Cargo Mode Choice and Demand Study – <http://onramp.dot.ca.gov/hq/tpp/offices/ogm/aircargo.html>
- American Association of Port Authorities (AAPA) – <http://www.aapa-ports.org/home.cfm>
- California Ports – <http://www.californiaports.org/>
- Ports Trade Corridor Improvement Fund (TCIF) Projects
[http://svdtsucp.dot.ca.gov:8084/bondacc/documents/Fiscal Year 2008 CPMSGP Summary of Project s.pdf](http://svdtsucp.dot.ca.gov:8084/bondacc/documents/Fiscal_Year_2008_CPMSGP_Summary_of_Project_s.pdf)
- Caltrans Goods Movement Internet Site – <http://www.dot.ca.gov/hq/tpp/offices/ogm/index.html>
- Center for International Trade and Transportation (CITT) – <http://www.amp.csulb.edu/ccpe/citt>
- Marine Highway Program –
http://www.marad.dot.gov/ships_shipping_landing_page/mhi_home/mhi_home.htm
- Transportation Investment Generating Economic Recovery (TIGER) Grants, U.S. DOT, February 17, 2010 –
<http://www.dot.gov/documents/finaltigergrantinfo.pdf>