Supply Chain Disruption & Port Congestion

David Libatique, Deputy Executive Director, Port of Los Angeles November 4, 2021

OF LOS ANGELES

Supply Chain Impacts



• Unprecedented Cargo Surge

• No Place to Take Cargo

• Equipment Tied Up

High Rate of Unused Gate Appointments
Environmental and Quality of Life Impact

4+ Years of Trade Disruption



2018-2019 U.S.-China Trade Tensions Tariffs & Retaliatory Tariffs

Manufacturer Migration to Southeast Asia = Cargo Routing to U.S. East Coast

Cargo Owners Pull Inventories Forward in Advance of Scheduled Tariff Increases

> Tariff Wars Exacerbate Trade Deficit Imbalances

> > Record-Setting 2018 Volume

2020-2021 COVID-19 Disruptions

Distressed Supply Chain

Economies Shutter China Manufacturing Halts

Global and Regional Workforce Shortages

Consumer-Driven Cargo Surge E-Commerce Boom

Global Supply Chain Disruptions

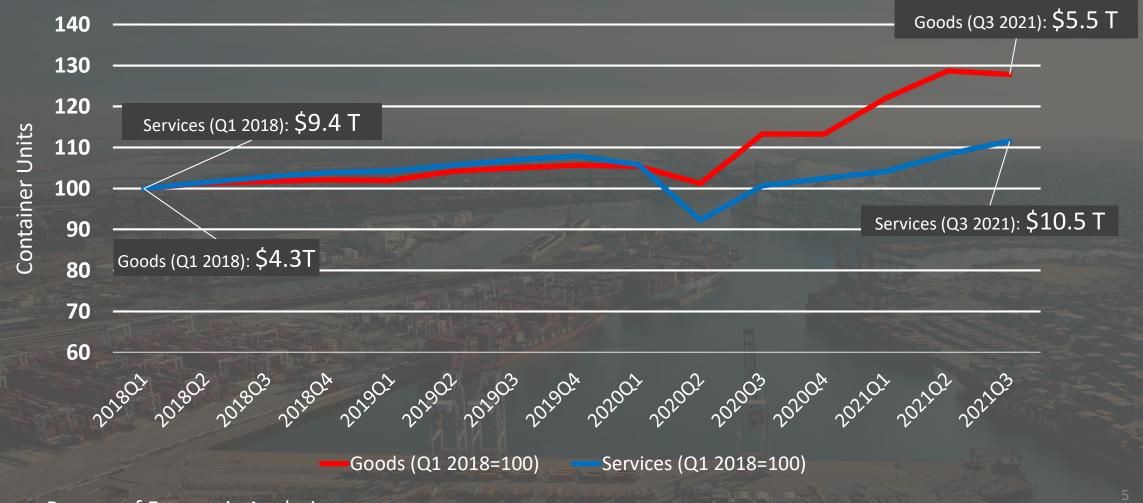
Container Shortages Shipping Price Hikes

POLA Exports Down 31 out of 35 months thru Sept. (biggest declines since 2002)

Record-Setting 2021 Volume



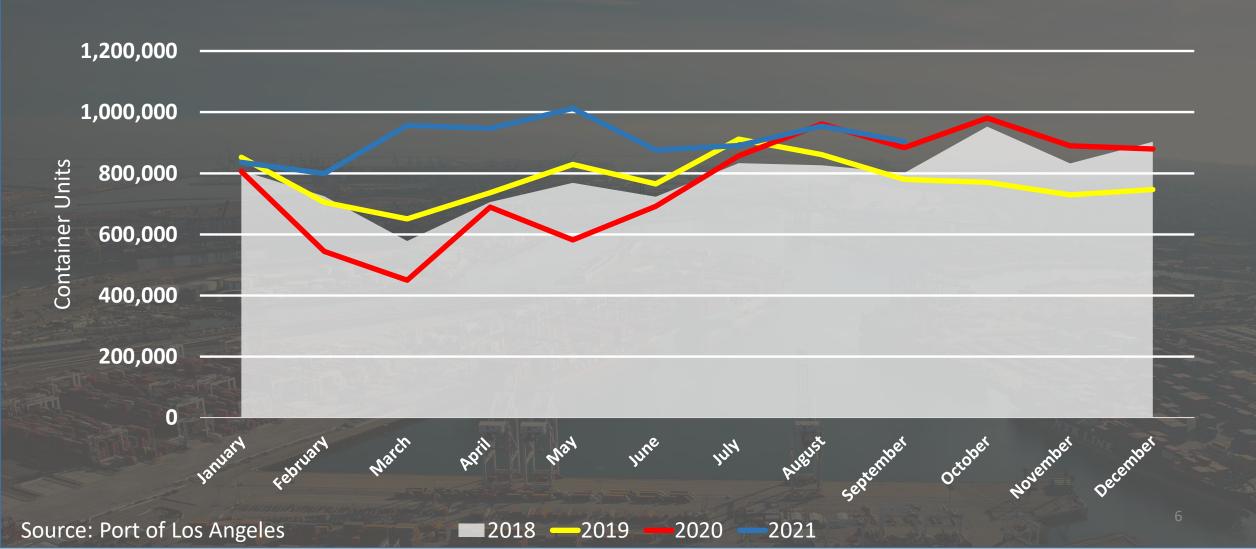
Goods vs Services, 2018-2021



Source: Bureau of Economic Analysis

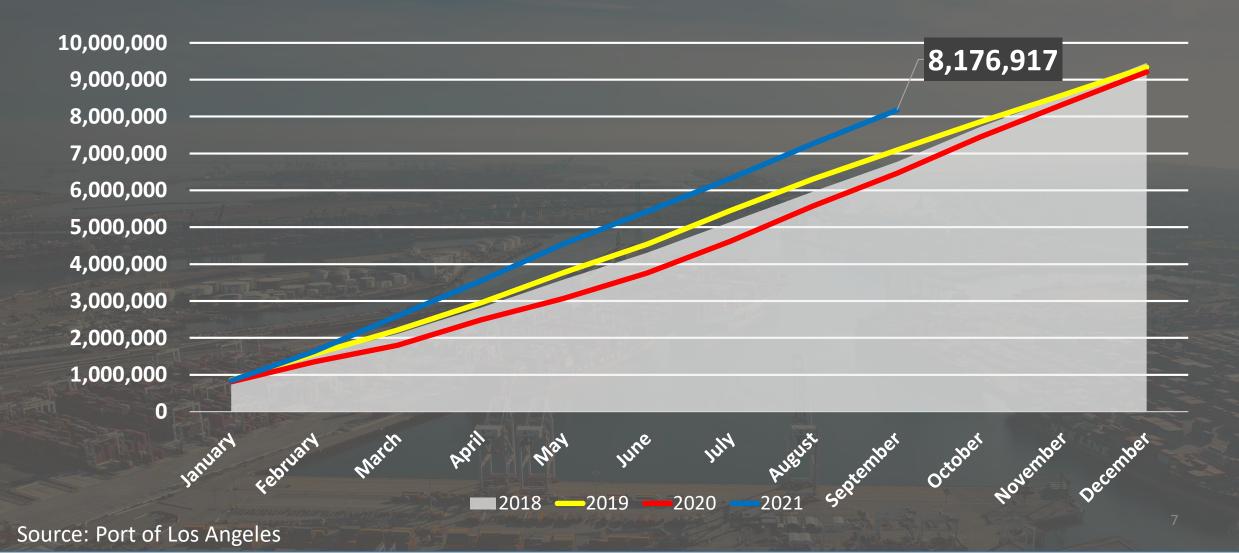
Monthly Container Volume, 2018-2021





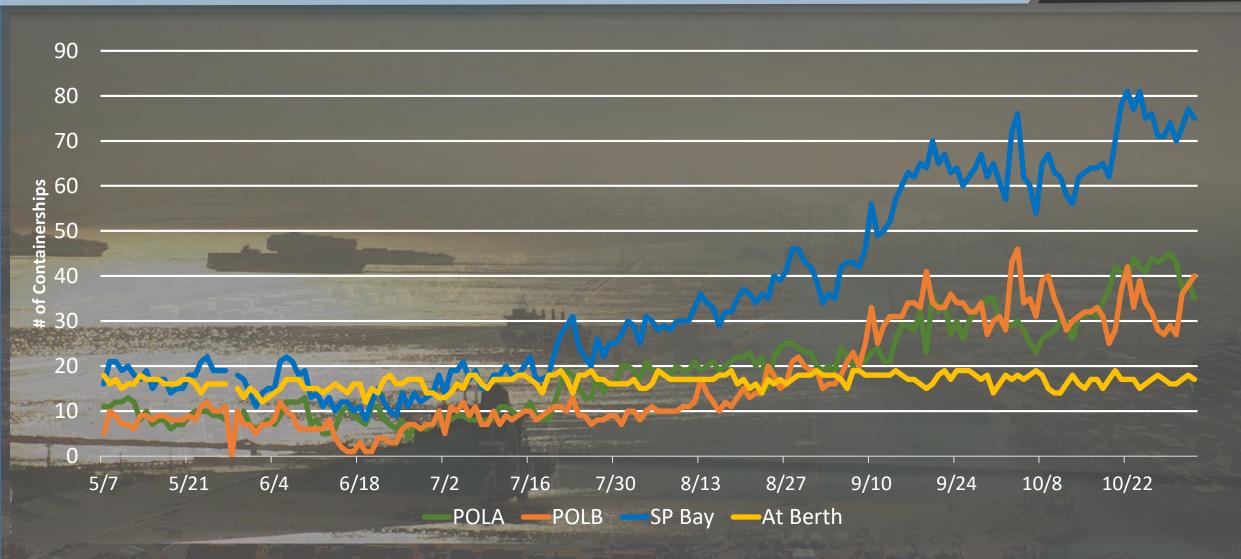


Cum. Annual Container Volume, 2018-2021





Containerships at Anchor & at Berth



View of the Terminals





The Current Situation (as of 11/4, 9am)





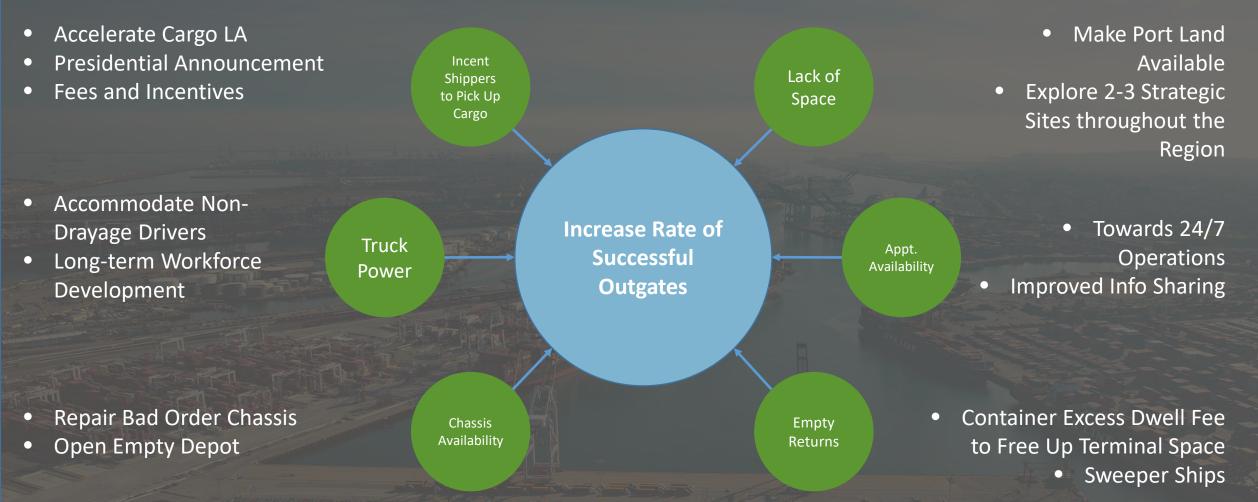
Terminal Dwell Times



(Wabtec Control Tower 8 Welcome, David **Total Containers in** C SIGNAL HORIZON VOLUMES TURN TIMES DAYS AFTER DISCHARGE RETURN SIGNAL -Terminals Current Days After Discharge by Terminals Percentages shown are based on the total number of containers discharged from the vessel and currently on the terminal. These numbers will update through out the day. 74,324 ETS APMT **FMS** 0-4 Days: 0-4 Days 0-4 Days 3.556 27.5% 5,951 30.6% 0-4 Days 8,108 55.9% 26,322 (35.4%) CONTAINER COUNT • 5-8 Days 3,048 15.7% CONTAINER COUNT 5-8 Days 3,197 24.8% CONTAINER COUNT 5-8 Days 3,002 20.7% 19,438 12,909 14,493 • 9-12 Days 1,361 7.0% 9-12 Days 1,573 12.2% • 9-12 Days 928 6.4% 5-8 Days: 13+ Days 9.078 46.7% 13+ Days 4.583 35.5% 13+ Days 2.455 16.9% 12,501 (16.8%) TRPC WBCT YTI 9-12 Days: 0-4 Days 2,336 38.5% 0-4 Davs 3,259 21.3% 0-4 Days 3,112 50.9% 7,081 (9.5%) CONTAINER COUNT CONTAINER COUNT • 5-8 Days 787 13.0% 5-8 Days CONTAINER COUNT 5-8 Days 1,424 9.3% 1,043 17.1% 6,060 15,311 6,113 • 9-12 Days 776 12.8% 9-12 Days • 9-12 Days 2,151 14.0% 292 4.8% 13+ Days: 13+ Days 2,161 35.7% 13+ Days 8.477 55.4% 13+ Days 1,666 27.3% 28,420 (38.2%)

Short Term Responses to Congestion





Long-Term Responses



- Integrated Transportation, Environmental, Workforce and Economic Policy
- Permanent Activation of Port Cargo Support Facilities
 Goods Movement Workforce Training Center
 Information Sharing Across the Supply Chain
 Investment in Zero Emission Drayage

THANK YOU

Operation Operation Image: Construction <tr

