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Smarter Supply Chains

COVID-19 Impact on North American Trade



COVID-19 Impact on the Supply Chain



AIR SECTOR

- Approximately **90%** of international passengers have been grounded
- Approximately **92%** of cargo remains



MARITIME SECTOR

- Blank sailings
- Capacity imbalance
- Railcar shortages at ports

Technology Trends

Remote Work



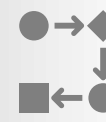
Distance Learning



Digital and Contactless Payments



Supply Chain 4.0



Robotics and Drones

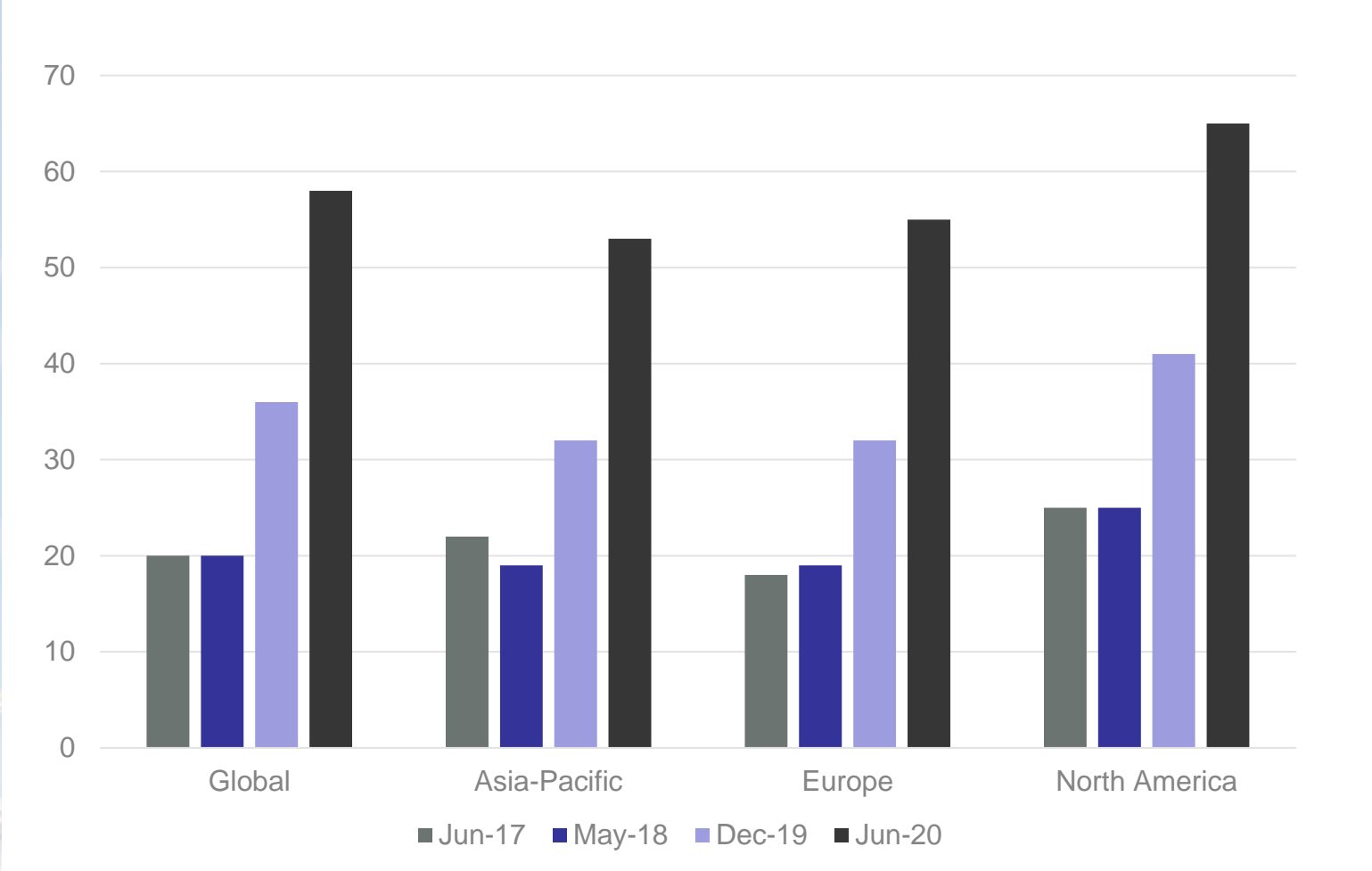


AI in the Supply Chain

COVID-19 accelerated the use of AI in day-to-day supply chain applications

- Use of IoT as part of inventory and DC optimization planning
- Terminal and port operations optimizing capacity and visibility FIFO
- Use of RPA to provide visibility from the carriers to the Supply Chain
- Autonomous vehicles and robotics in DC operations

Average Share of Customer Interactions That Are Digital



2-5 Years to Mainstream Adoption

Moderate Impact

- Digitized Freight Networks
- Global Logistics Visibility
- Real-Time Transportation Visibility Platforms
- Web-based Logistics Portals

High Impact

- Light Cargo Delivery Drones

Transformational

- IoT Enabled Applications

THANK YOU

