Freight in a Pandemic

Impacts of COVID-19 in Greater Philadelphia

MARAMA Ports Partnership Webinar

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Vehicle Miles Traveled Per Capita
Pennsylvania Portion of the DVRPC Region

March 13  March 23  April 1

Vehicle Miles Traveled Per Capita

Philadelphia  Montgomery  Delaware  Chester  Bucks

Travel Behavior by PA County
Travel Behavior by Vehicle Type
Weekday Truck Speed on Interstates

Source: RITIS PDA Suite, INRIX Truck data, daytime

Truck Speeds

miles per hour

2019
2020
2021

January
February
March
April
May
June
July
August
September
October
November
December
- **16%**
  total imports

+ **5%**
  containerized

+ **14%**
  total exports
Maritime Activity (2021 - Through June)

- 1% total imports
+ 17% containerized

+ 22% total exports
Impacts on Rail Traffic

Source: NearMap
Cargo Development Plan
1 M+ square feet
136 acres
“[2020] is setting up to be the e-commerce inflection year as the combination of shelter-in-place, lower spend on experiences (dining out, bars, travel, etc) and [government] stimulus have driven dollars online”

- Analyst at Morgan Stanley
Top 1000 retailers offering curbside pickup

Early 2020: 7%
Mid 2020: 8%
Early 2021: 51%

Source: Digital Commerce 360
Amazon sales in 2020 increased by 40%.
Industrial Development

Source: NorthPoint Development, NearMap
Thanks, Questions?

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