

# TRB Executive Director's Report

May 21, 2020



# Impacts of COVID-19 on the Transportation System

- Aviation

- TSA Checkpoint Travel Numbers

	2020	2019	% Reduction
4/14	87,534	2,208,688	96.0
5/18	244,176	2,615,691	90.7

- Source: Transportation Security Administration

- Reduction in flights (week ended 5/16/20 vs. same week from last year)

- Total: 71 percent
    - Domestic: 68 percent
    - International: 91 percent

- Source: Bureau of Transportation Statistics

# Impacts of COVID-19 on the Transportation System

- Transit
  - Major reductions in ridership (vs. 2019)
    - Transit App Nationwide: 72% as of 5/20/20
    - Transit App DC Area: 77% as of 5/20/20
    - DC Metrorail: 94% reduction (5/19/20)
    - DC Metrobus: 73% reduction (5/19/20)
  - COVID-19 impacts on transit operators
    - WMATA: 90 cases (vs. 33 one month ago)
    - New York MTA: >140 COVID-19 deaths

# Impacts of COVID-19 on the Transportation System

- Highway Travel
  - Personal travel reductions from Feb. 22-28, 2020
    - April 4-10, 2020 Nationwide: 48 percent
    - May 9-15, 2020 Nationwide: 25 percent
    - May 9-15, 2020 DC Area: 41 percent
  - Truck travel reductions from Feb. 22-28, 2020
    - April 4-10, 2020 Nationwide long haul: 9.6 percent
    - May 9-15, 2020 Nationwide long haul: 6.1 percent
    - May 2-8, 2020 Local metro area fleets: 8 percent
      - Source: INRIX U.S. National Traffic Volume Synopsis

# Impacts of COVID-19 on the Transportation System

- Increase in highway speeds

	Morning rush hour 8:00 am	Afternoon rush hour 5:00 pm
D.C.	+22%	+27%
San Francisco	+51%	+60%

Source: INRIX U.S. National Traffic Volume Synopsis

# Impacts of COVID-19 on the Transportation System

Data from for the five weeks following March 16:

- Use of cell phones: 38% increase
- Exceeding speed limit: 27% increase
- Hard braking: 25% increase
- Collisions/million miles: 20% increase
  - Source: Zendrive

# Impacts of COVID-19 on the Transportation System

- Amtrak/Passenger Rail
  - Amtrak ridership down 95% as of 5/15/20
- Rail Freight for week ended 5/9/20
  - Total carloads: down 28.4%
  - Motor vehicles and parts: down 87.6%
  - Intermodal Units: down 16.0%
  - Total rail traffic: down 22.1%
- Maritime activity near top 10 ports: down 35% (week ended 5/9/20)