Road to Zero

Puget Sound Regional Council

July 24, 2020
Save lives, from the workplace to anyplace.

Over a century of safety leadership; 15,500 member companies

Eliminating leading causes of preventable death and injury so that people can live their fullest lives

Focus efforts where we can make the biggest impact: workplace, roadway, impairment
DOUBLE DOWN on What Works

ACCELERATE Technology

PRIORITIZE Safety

www.nsc.org/roadtozero
Road to Zero Membership Is Growing

1536 Coalition Members

nsc.org/RoadtoZero
Double Down on What Works
Accelerate Technology
DOT Endorses Joint ADAS Nomenclature Effort
Prioritize Safety

Bay St
Staten Island
Pedestrian Safety Improvements

Before
After

Street Improvement Project
The projected 6,590 pedestrian fatalities in 2019* would be the largest number in the U.S. since 1988.

Percentage Increase in Number of Fatalities (2009-2018)

Source: NHTSA Fatality Analysis Reporting System and GHSA

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Fatality Risk Goes Up Over 25 MPH

HIT BY A VEHICLE TRAVELING AT:
20 MPH
9 out of 10 pedestrians survive

HIT BY A VEHICLE TRAVELING AT:
30 MPH
5 out of 10 pedestrians survive

HIT BY A VEHICLE TRAVELING AT:
40 MPH
Only 1 out of 10 pedestrians survives

Image: Seattle Department of Transportation
Top Causes of Workplace Injury and Fatality

Source: Injury Facts ® and Bureau of Labor Statistics

Top Causes of Workplace Injury and Fatality

1. Overexertion, bodily reaction 31.4%
2. Falls, slips, trips 26.7%
3. Contact with objects/equipment 26.2%
4. Transportation incidents 5.6%
5. Violence and other injuries by persons or animals 4.9%
6. Exposure to harmful substances or environments 4.5%

Top Workplace Fatalities – 2018 Data

- Motor vehicle crashes: 1,826
- Falls: 791
- Contact with objects and equipment: 786
- Intentional injury and assaults: 757

Source: Injury Facts ® and Bureau of Labor Statistics
Daily Vehicle-Miles Traveled

Data: Copyright 2020, StreetLight Data, Inc.
Chart: Frontier Group

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Changes in Traffic Patterns

Morning Commutes
Percentage increase in travel speeds on interstates and highways at 8:00 a.m. over the historical average for a Friday

- March 13
- March 20

Evening Commutes
Percentage increase in travel speeds on interstates and highways at 5:30 p.m. over the historical average for a Friday

- March 13
- March 20

*Includes St. Petersburg
Source: INRIX
Transit Systems

U.S. Transit Ridership Loss: March-April 2020

Latest for United States
-71%
CURRENT DEMAND COMPARED TO NORMAL

Source: TransitApp

Source: Day by day comparisons to 2019, derived from https://transitapp.com/coronavirus.

Source: APTA
Motor Vehicle Death Rate: January-May 2019 vs. 2020

(Rate per 100 million miles driven)
Motor Vehicle Miles Driven: January-May 2019 vs. 2020

- **January**: 253,700 (2019), 248,300 (2020)
- **February**: 231,700 (2019), 226,700 (2020)
- **March**: 271,500 (2019), 220,100 (2020)
- **April**: 281,566 (2019), 168,300 (2020)
- **May**: 286,135 (2019), 213,197 (2020)
Motor Vehicle Deaths: January-May 2019 vs. 2020

<table>
<thead>
<tr>
<th></th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
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</thead>
<tbody>
<tr>
<td>Deaths 2019</td>
<td>2,830</td>
<td>2,590</td>
<td>2,640</td>
<td>2,910</td>
<td>3,410</td>
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<tr>
<td>Deaths 2020</td>
<td>2,820</td>
<td>2,850</td>
<td>3,040</td>
<td>2,440</td>
<td>3,140</td>
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</tbody>
</table>
Motor Vehicle Data: January-May 2019 vs. 2020

Motor Vehicle Death Rate

Motor Vehicle Miles Driven

Motor Vehicle Deaths

©2020 National Safety Council
Pandemic Driving: Unpacking the Rise of "Worried Lead-Footers"

We analyzed the behavioral data from five weeks prior to the first stay-in-place order (February 6 - March 15) and compared it with the data generated over the course of the next five weeks—a time frame in which most of the lockdowns were announced (March 16 - April 19).

RESULTS

27% increase
Speeding

38% increase
Phone usage

25% increase
Hard Braking

Source: Zendrive
Federal Actions

116th CONGRESS
2d Session

H. R. 2

AN ACT

To authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.
This Act may be cited as the “Moving Forward Act”.

SEC. 2. TABLE OF CONTENTS.
The table of contents for this Act is as follows:
October 2020
Thank you!

Additional Information:

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