The Pandemic’s Economic Impact on the Washington Region

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The Pre-Pandemic Performance of the U.S. Economy
Recession Recovery Patterns of GDP
Past Four Recessions*

Past Four Recessions:
- 1991-Q1**
- 1982-Q3***
- 2009-Q2
- 2001-Q4****

Sources: Bureau of Economic Analysis, The Stephen S. Fuller Institute at the Schar School, GMU

Pre-Pandemic Forecast: U.S. GDP
2007 – 2018 – 2024 (Annual % Change)

Historic Data

Baseline Forecast: 65% Prob.
Strong Productivity Growth: 10% Prob.
Consumer Confidence Decrease: 25% Prob.

Sources: IHS Markit (January 2020); The Stephen S. Fuller Institute at the Schar School, GMU
The Pre-Pandemic Performance & Prior Recessions in the Washington Region

U.S. GDP and Washington Region GRP
2002 – 2018 (Annual % Change)

Sources: U.S. Bureau of Economic Analysis; The Stephen S. Fuller Institute at the Schar School, GMU (forecast as of December 2019)
Washington Region Annual Job Change
Monthly Over-The-Year Change

Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU

Washington Region Coincident Index
Monthly Over-the-Year Change

Source: The Stephen S. Fuller Institute at the Schar School, GMU
Unemployment Claims, D.C. (5-mo moving Average)

Sources: U.S. Department of Labor; The Stephen S. Fuller Institute at the Schar School, GMU
NOTE: Does not show the spike in Initial Claims related to the January 2019 Shutdown

Immediate Impact of the Pandemic
Change in TSA Checkpoint Throughput
Daily Over-the-Year Percent Change

Sources: TSA; The Stephen S. Fuller Institute at the Schar School, GMU

Weekly U.S. Hotel Occupancy Rate, 2019 & 2020

Sources: Smith Travel Research; The Stephen S. Fuller Institute at the Schar School, GMU
Note: Date labels are shown for 2020, 2019 data are for the same time period of the prior year.
Change in OpenTable Reservations
Daily Over-the-Year Percent Change

District of Columbia
U.S.

3/16, 10PM: DC Closes
In-Restaurant Dining
(3/15 Decrease: 55%)

Weekly U.S. Box Office Gross Revenue, (Millions)

Sources: OpenTable; The Stephen S. Fuller Institute at the Schar School, GMU

Note: Dates shown correspond to the timeframe in 2020; 2019 reflects the corresponding Friday to Thursday periods.
Change in U.S. Retail Sales
Monthly Over-the-Year Percent Change

Sources: IHS Markit (March 31, 2020); The Stephen S. Fuller Institute at the Schar School, GMU

New Unemployment Insurance Claims, U.S.

- 13-Weeks During 2008/2010 Recession (Peak)
- Week Ending March 27, 2020

First Week of Pandemic = 31.8% of 13-week Recession Total

Sources: US DOES (NSA); The Stephen S. Fuller Institute at the Schar School, GMU
New Unemployment Insurance Claims

- 13-Weeks During 2008/2010 Recession (Peak)
- Week Ending March 27, 2020

Sources: US DOES (NSA); The Stephen S. Fuller Institute at the Schar School, GMU

Change in Miles Traveled by the INRIX Fleet, U.S.

Sources: INRIX; The Stephen S. Fuller Institute at the Schar School, GMU
Change in Miles Traveled by the INRIX Fleet
Recent Friday Compared to Typical Friday, Select Metros

Source: INRIX; The Stephen S. Fuller Institute at the Schar School, GMU

Institute for Supply Management
Manufacturing and Non-Manufacturing Indices

Sources: The Institute for Supply Management, The Stephen S. Fuller Institute at the Schar School, GMU
Pandemic’s Economic Ramifications

Immediately At-Risk Industries
As a Share of Economic Activity, Washington Region, 2018

Sources: Bureau of Economic Analysis; Bureau of Labor Statistics; American Community Survey; The Stephen S. Fuller Institute at the Schar School, GMU
*Reflects the share of workers with a main job in the industry living in the region and counts part-time workers one time. **GRP is an estimate
Household Income By Worker Type
Washington Region, 2018

Households with Immediately At-Risk Workers
- $100k+: 36.1%
- $75-99.9k: 24.8%
- $50-74.9k: 17.8%
- $25-49.9k: 19.6%
- <$25k: 13.3%

Households With Other Workers
- $100k+: 61.9%
- $75-99.9k: 24.9%
- $50-74.9k: 12.6%
- $25-49.9k: 9.8%
- <$25k: 3.4%

Sources: American Community Survey; The Stephen S. Fuller Institute at the Schar School, GMU

Washington GRP
2007 – 2018 – 2024 (Annual % Change)

Historic Data
- Current Containment Strategy Successful by July & Quick Return of Consumer Sentiment
- Modestly Longer Containment Period & Slower Return of Consumer Sentiment

Sources: The Stephen S. Fuller Institute at the Schar School, GMU (Forecast as of April 1, 2020)
Downside Risk: Does Not Scale Proportionally

- Semi-Shutdown of other sectors
- Income and net wealth losses
- Consumer sentiment
- Economic bottlenecks

Potentially At-Risk Industries
As a Share of Economic Activity, Washington Region, 2018

Sources: Bureau of Economic Analysis; Bureau of Labor Statistics; American Community Survey; The Stephen S. Fuller Institute at the Schar School, GMU
*Reflects the share of workers with a main job in the industry living in the region and counts part-time workers one time. **GRP is an estimate
U.S. Consumer Confidence
Monthly Over-the-Year Change, January 2015 – March 2020

Sources: The Conference Board, The Stephen S. Fuller Institute at the Schar School, GMU

For monthly reports on the Washington region’s economic performance go to sfullerinstitute.gmu.edu

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