### ECONOMY

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YOU ROLLTHE DICE TO MOVEYOUR TOKEN

ANOTHER TURN THE FIRST PLAYER TO REACH THE END WINS

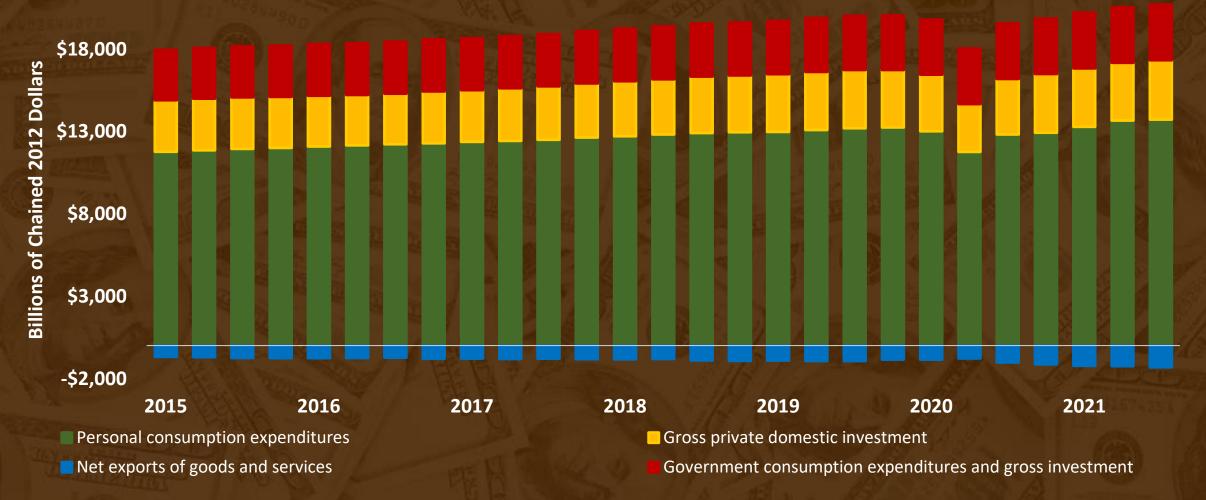


ADVENTURERS BEWARE: DO NOT BEGIN UNLESS YOU INTEND TO FINISH

THE EXCITING CONSEQUENCES OF THE CAME WILL VANISH DHLY WHEN A PLAYER HAS REACHED JUMANJI AND CALLEDOUT ITS NAME

### WE YEARN TO SEE THESE NUMBERS BOOM, BUT LATELY THEY BRING ONLY GLOOM

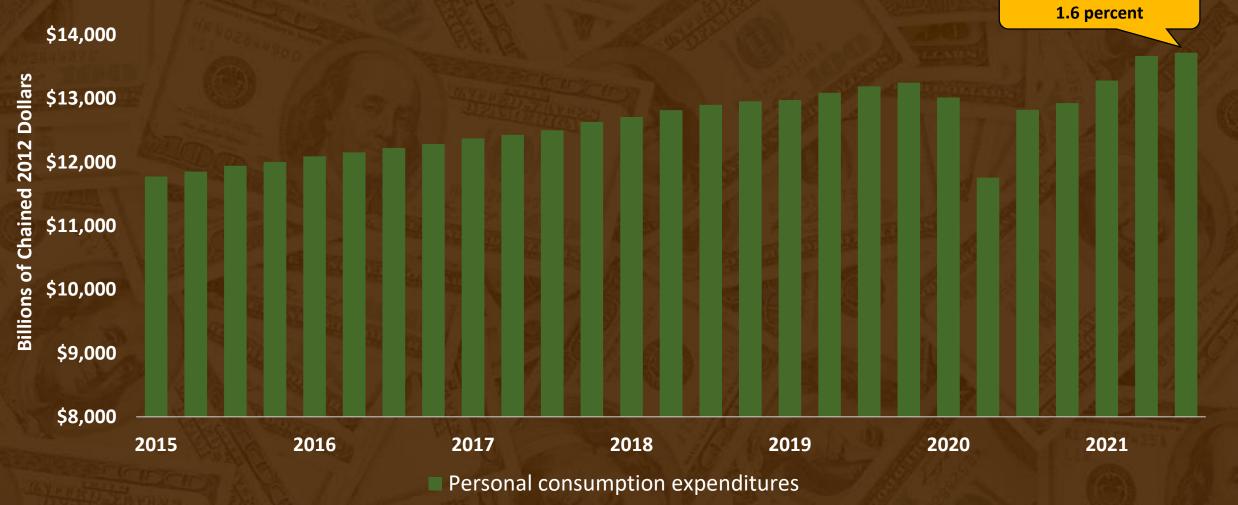
### GDP Growth Slowed Significantly in the Third Quarter of 2021



Source: U.S. Bureau of Economic Analysis

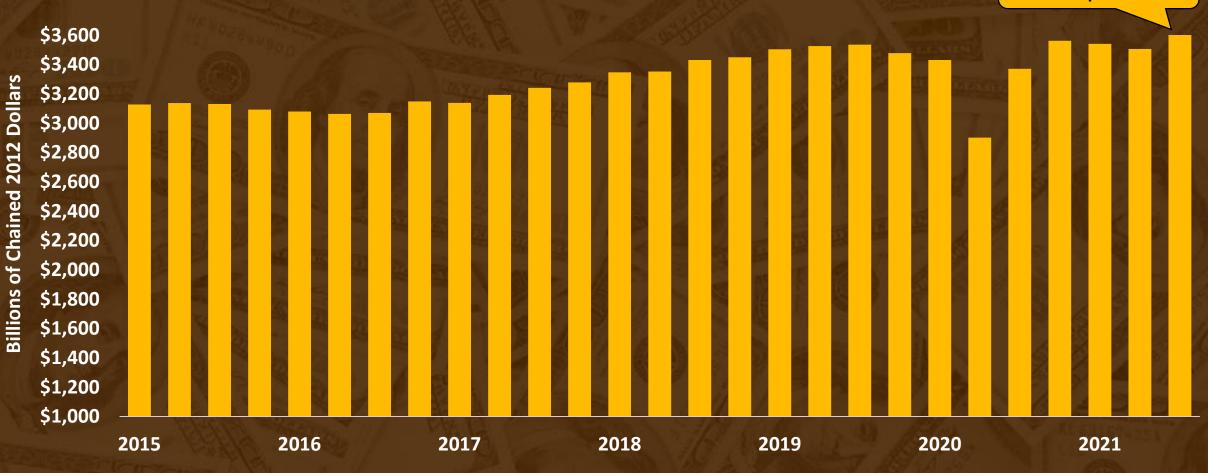
2021Q3: \$19.5 trillion, 2.0 percent

### Consumption Stagnated After a Strong Start to 2021



Source: U.S. Bureau of Economic Analysis

### Investment is the Lone Bright Spot for this Quarter

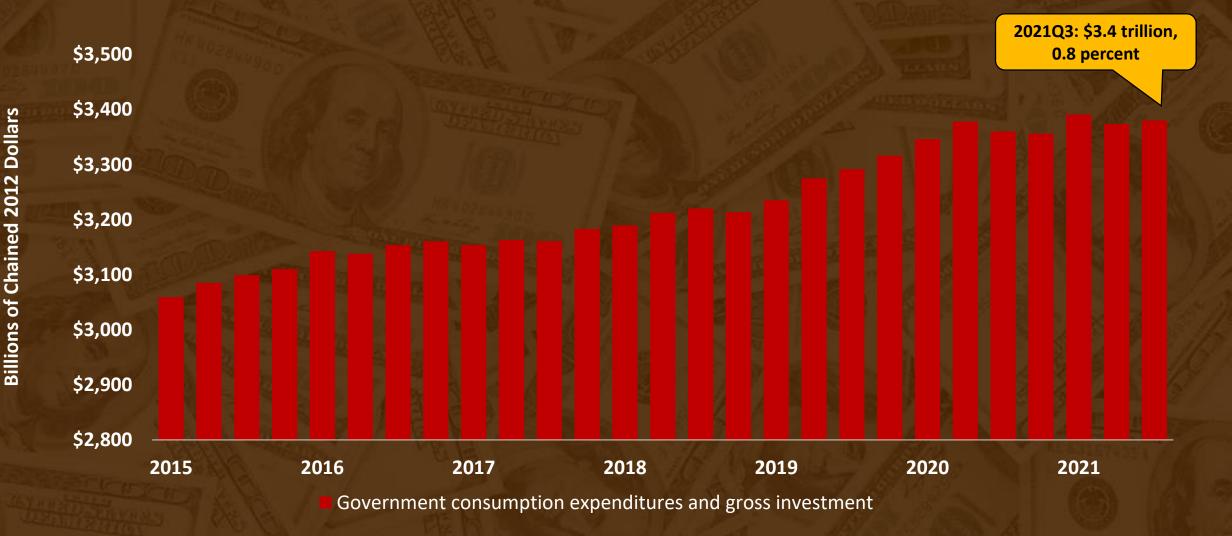


Gross private domestic investment

Source: U.S. Bureau of Economic Analysis

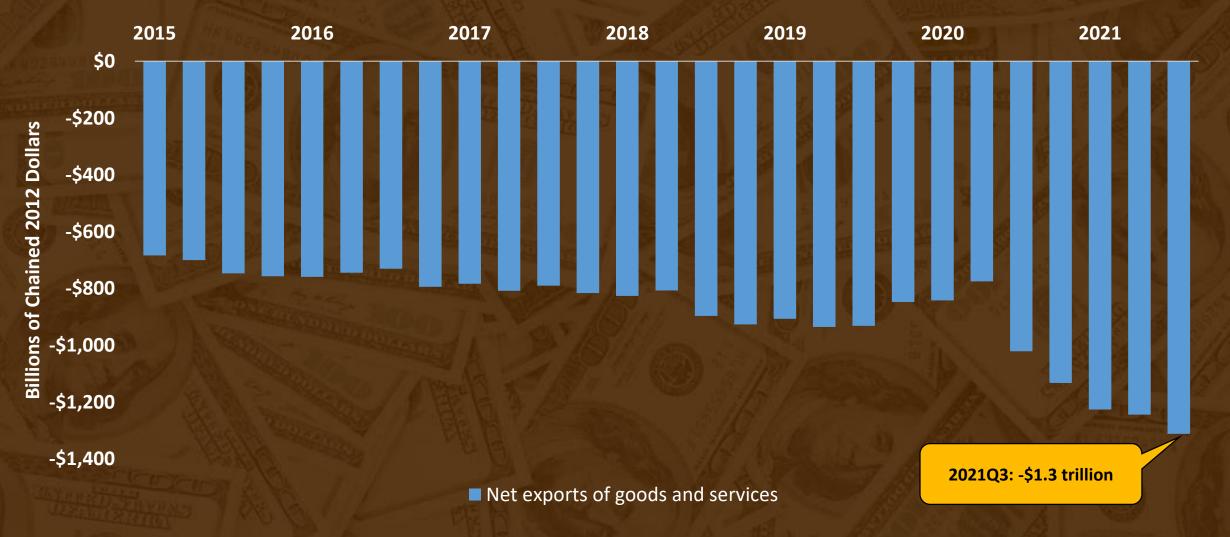
11.7 percent

### Government Spending Has Not Changed Outside of Earlier Stimulus



Source: U.S. Bureau of Economic Analysis

### Imports Grew While Exports Shrunk in the Third Quarter



Source: U.S. Bureau of Economic Analysis

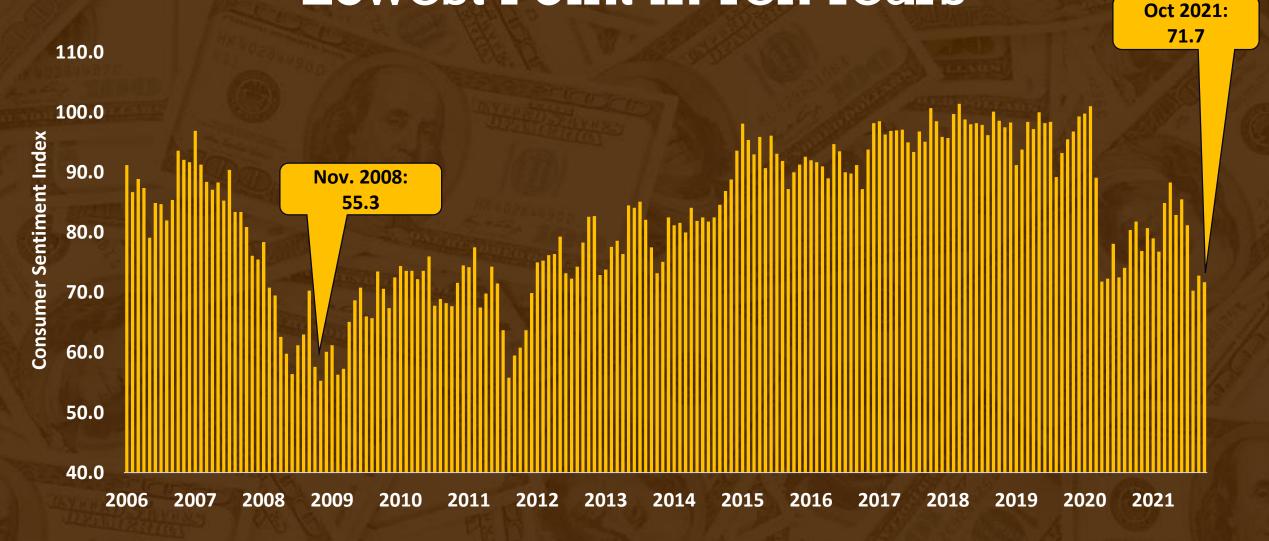
### Maryland Experienced Strong Growth in Q1 and Q2

6.1 percent annual growth \$380,000 \$370,000 Dollars \$360,000 **Millions of Chained 2012** \$350,000 \$340,000 \$330,000 \$320,000 \$310,000 \$300,000 \$290,000 2015 2016 2017 2018 2019 2020 2021

Source: U.S. Bureau of Economic Analysis

2021Q2: \$371.9 billion,

### Consumer Sentiment Recently Hit the Lowest Point in Ten Years



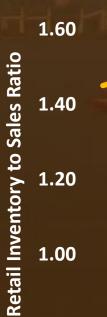
Source: University of Michigan

### SHELVES DEVOID OF MERCHANDISE, WHAT STILL REMAINS IS OVERPRICED

# Inventory for Cars Cannot Keep Up With Demand



### **Smaller Inventory Issues Extend Across** All Retail



1.80



### Pandemic Disruptions Exist at All Points of the Supply Chain



- Factory closures/staffing shortages due to COVID
  - Low global vaccine availability
- Shipping delays
- Retail shortages
  - Meat
  - Pharmaceuticals
  - Computer chips
  - Wood pulp for paper and cardboard

### LIKE A BALLOON, BUT NOT AS FUN, WHAT ONCE BOUGHT TWO, NOW JUST BUYS ONE

### Gasoline Prices Have Increased Steadily for the Past Year

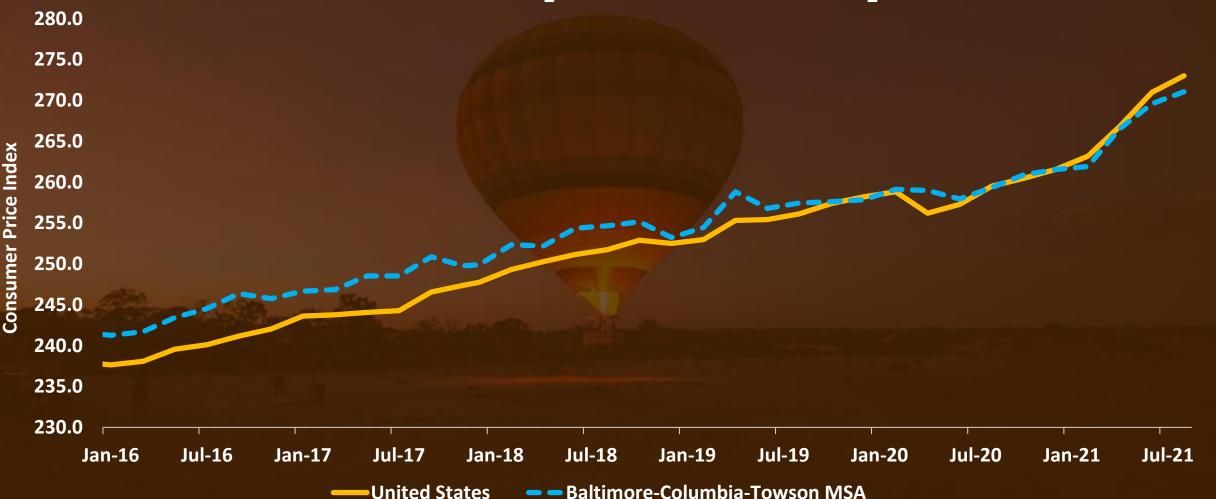


Source: Federal Reserve Economic Data

### Local Home Prices Have Moved Upwards



### Consumer Prices Are Increasing Both Nationally and Locally



### Beware the Hidden Forms of Inflation

**Shrinkflation** – Products are downsized and sold at the same price

• Most frequently seen with grocery items (cereal, juice, toilet paper)

**Skimpflation** – Service quality is reduced, often due to lower staffing levels

- Longer delivery times
- Reduced room service and breakfast quality in hotels
- Fewer available staff at bars and restaurants

### SCHEDULES STRAINED, STORES IN DISARRAY, AS WORKERS SEARCH FOR BETTER PAY

### National Unemployment and Underemployment Are Still Recovering



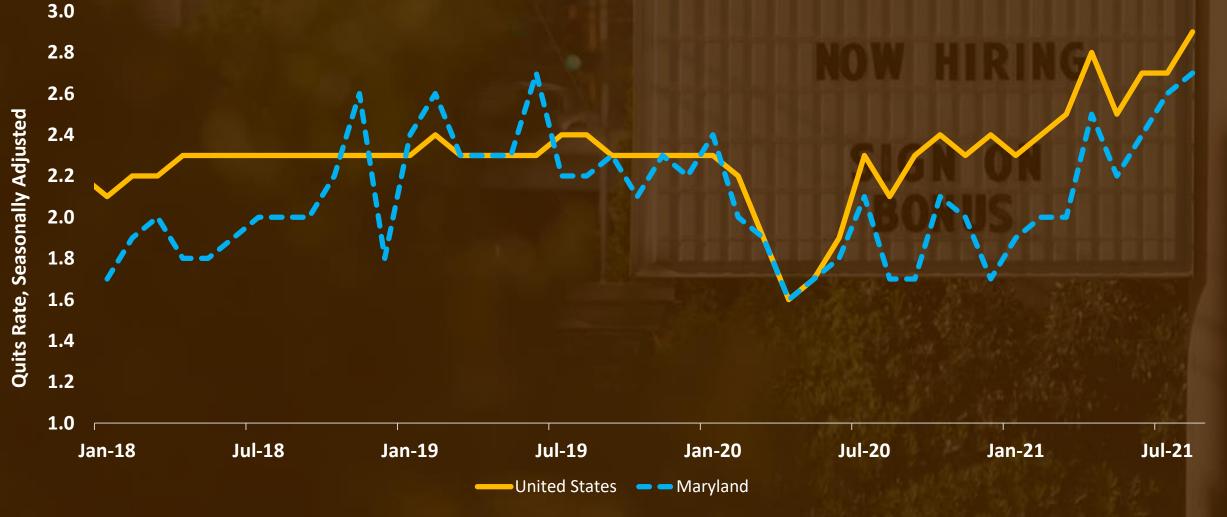
### Job Openings Are Again Outnumbering Persons Looking for Work

25,000 20,000 Thousands of Persons/Jobs 15,000 10,000 5,000 0 2015 2016 2018 2020 2021 2017 2019 Unemployed Persons —Job Openings

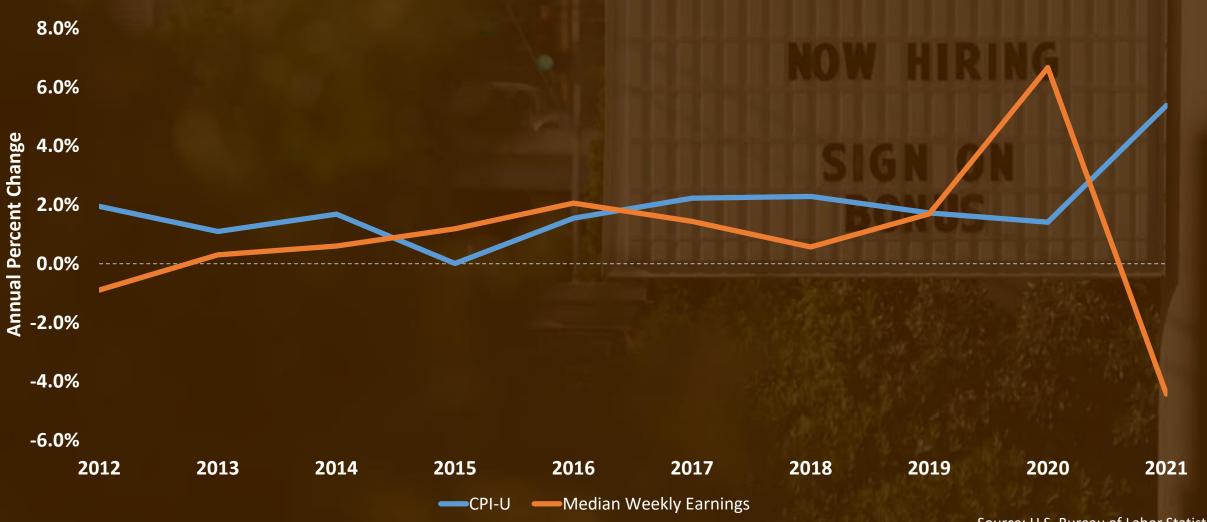
### The Same is True in Maryland Despite Higher Unemployment



# People Are Quitting Their Jobs at a Record Rate



### Wages in 2021 Have Decreased Even as Inflation Rises



### Labor Force Participation is Lower Than Pre-Pandemic



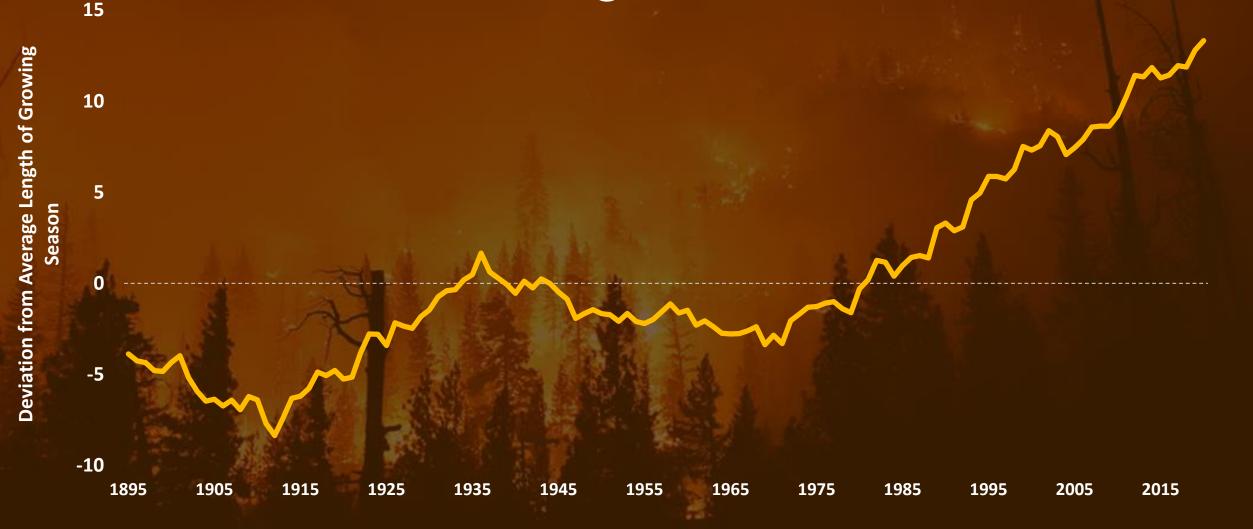
## According to PwC, 65 percent of employees are looking for a new job.

Which of the following are top reasons why you are looking for a new job?

- 1. Pay
- 2. Benefits
- 3. Career advancement opportunities
- 4. Flexibility

### IT TRIGGERS DROUGHTS AND WHIPS UP STORMS, AS YEAR BY YEAR THE WEATHER WARMS

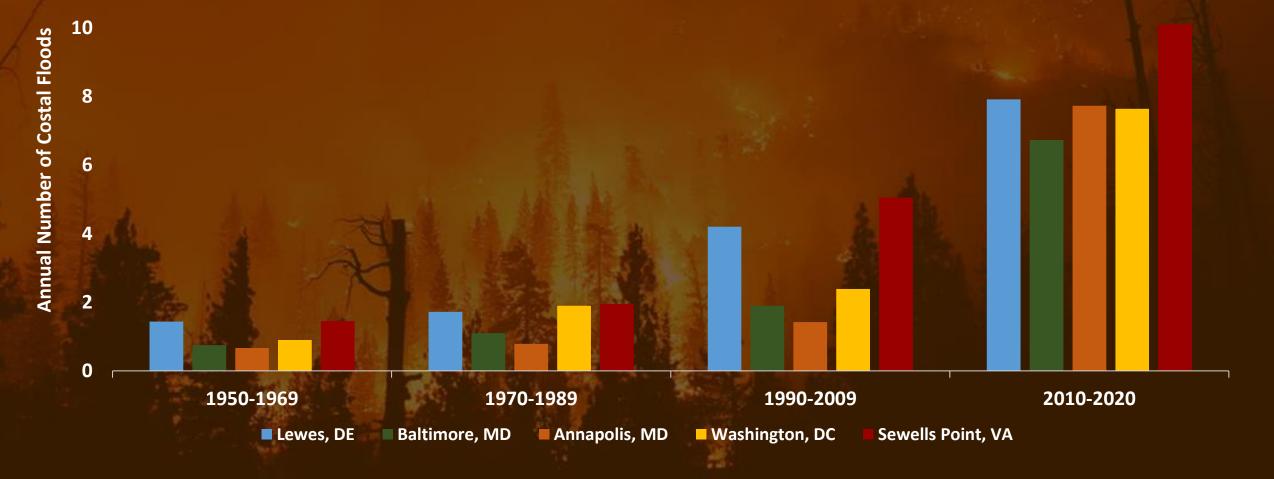
### Warming Weather Has Led to a Longer Growing Season



Source: Environmental Protection Agency

### Coastal Flooding in our Region Has Become More Frequent

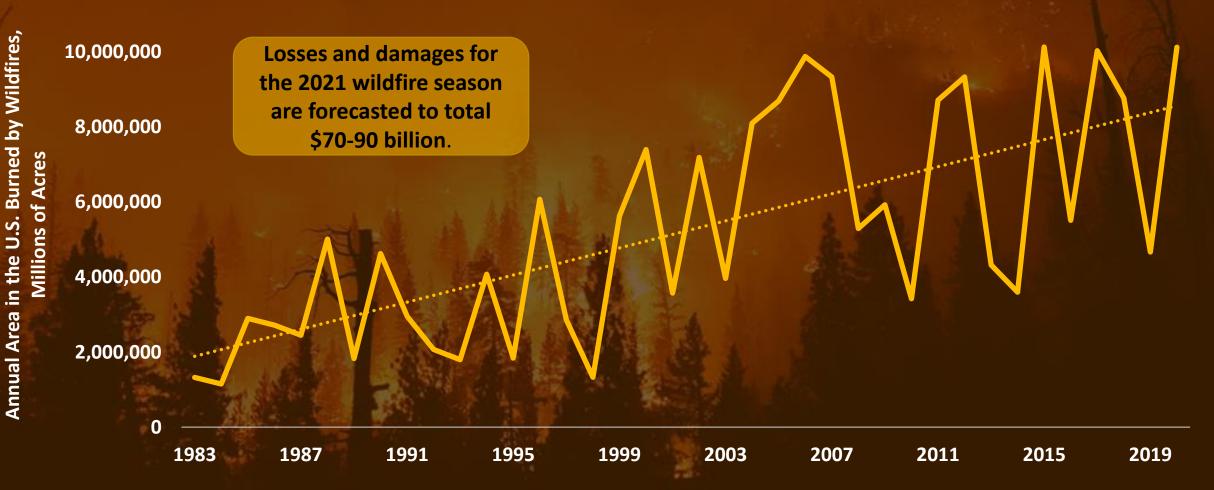
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Source: Environmental Protection Agency

### Wildfires in the United States are Increasing

#### 12,000,000



Sources: Accuweather, Environmental Protection Agency

### TOO BUSY SQUABBLING, MAKING THREATS, TO SPARE A THOUGHT FOR ALL OUR DEBTS

### Partisanship in Washington, DC



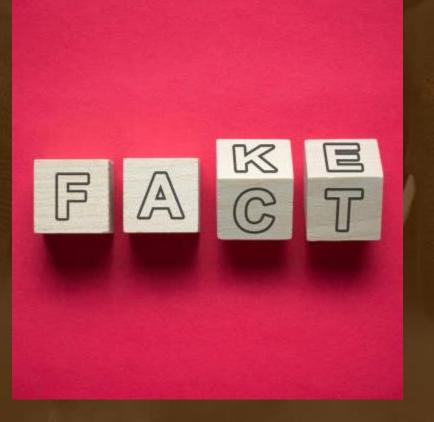
- Partisanship in recent decades has led to increased difficulty with passing annual budgets and raising the debt ceiling.
- To avoid running out of funds, Congress has delayed the fight on the debt ceiling to December 3 to avoid a default and shutdown.

### **Cost of a Government Shutdown**



- In the case of a government shutdown, federal agencies won't have the funding to perform all of their regular duties.
- The last government shut down lasted 35 days and it was estimated that around \$3 billion in economic activity was lost in that time.
- A default would result in global economic fallout and a likely recession.

### News and Politics in Social Media



- A study conducted by MIT found that false news is 70 percent more likely to be retweeted on Twitter than true news.
- During the 2020 election, fake news on Facebook was six times the level of engagement as true news.
- According to Pew Research, 48 percent of U.S. adults regularly get news from social media.

### CONSTRUCTION CRANES ARE IN THE VIEW, WATCHING TOWSON GROW ANEV

# TU and Commercial Development in the Heart of Towson



- Over \$1.7 billion in public and private development is currently taking place within a quarter mile of Towson's campus
- More investment per square foot than anywhere else in Maryland
- TU has supported this growth through investment and strategic partnerships

### Towson Row



• \$350 million mixed use destination covering more than 1 million SF of new development, including:

- the Armory,
- 401 Washington office,
- student housing, and
- new retail spaces.

### The Armory



- The 21,000 SF former National Guard Armory, currently leased by TU, includes:
  - Free co-working space,
  - The StarTUp Accelerator,
  - ATHENAPowerLink® Baltimore,
  - TEDCO,
  - Baltimore County Small Business Resource Center, and
  - Starbucks!

### 401 Washington



- Purchased by TU for roughly \$7.5 million
- About a half-mile from the main campus and across from the Armory
- 130,000 SF office building occupied by TU divisions including:
  - The Office of Technology Services (OTS),
  - Strategic Partners & Applied Research (SPAR), and
  - University Advancement.

### Circle East



- Located in the center of Downtown Towson less than a mile from Towson Row
- Over 240,000 SF of retail space, four parking garages, and an apartment complex (Avalon)

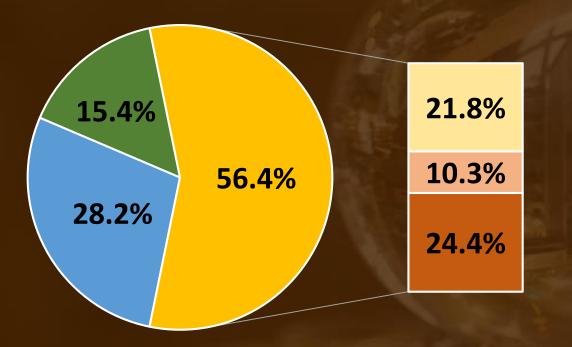
### FIFTY EXPERTS, EACH ONE POLLED, FIFTY DIFFERENT FUTURES TOLD

### Vaccination Rates in Maryland are Higher Than Across the United States



Source: Centers for Disease Control and Prevention

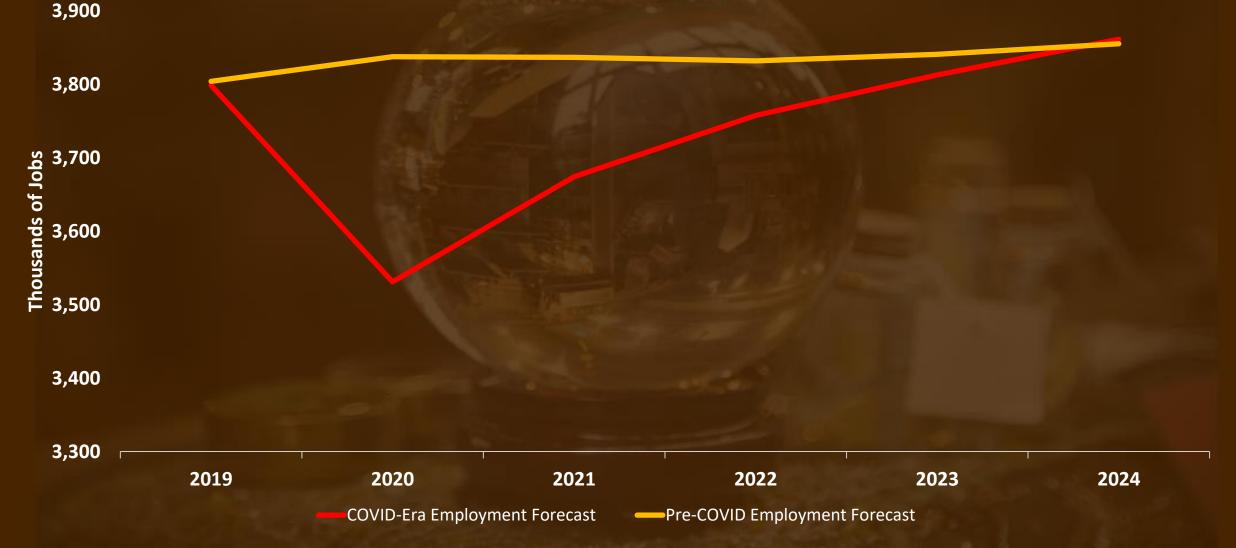
### Remote Work Prefers to Work Remotely or in a Hybrid Model



1 Day or less remote 2 days remote
3 days remote
4 days remote
5 days/all remote

- Approximately 21 percent of workers cannot work from home due to the nature of their work.
- Of those who can work remotely, the majority, 56.4 percent, would like to spend at least 3 days working from home.

#### Jobs Are Expected to Recover, Relative to Previous Forecasts



### Gross State Product Will Take Longer to Fully Recover





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