

**COVID-19 AND THE ECONOMY**  
**REMI WEBINAR**  
**8-13-20**

# Agenda



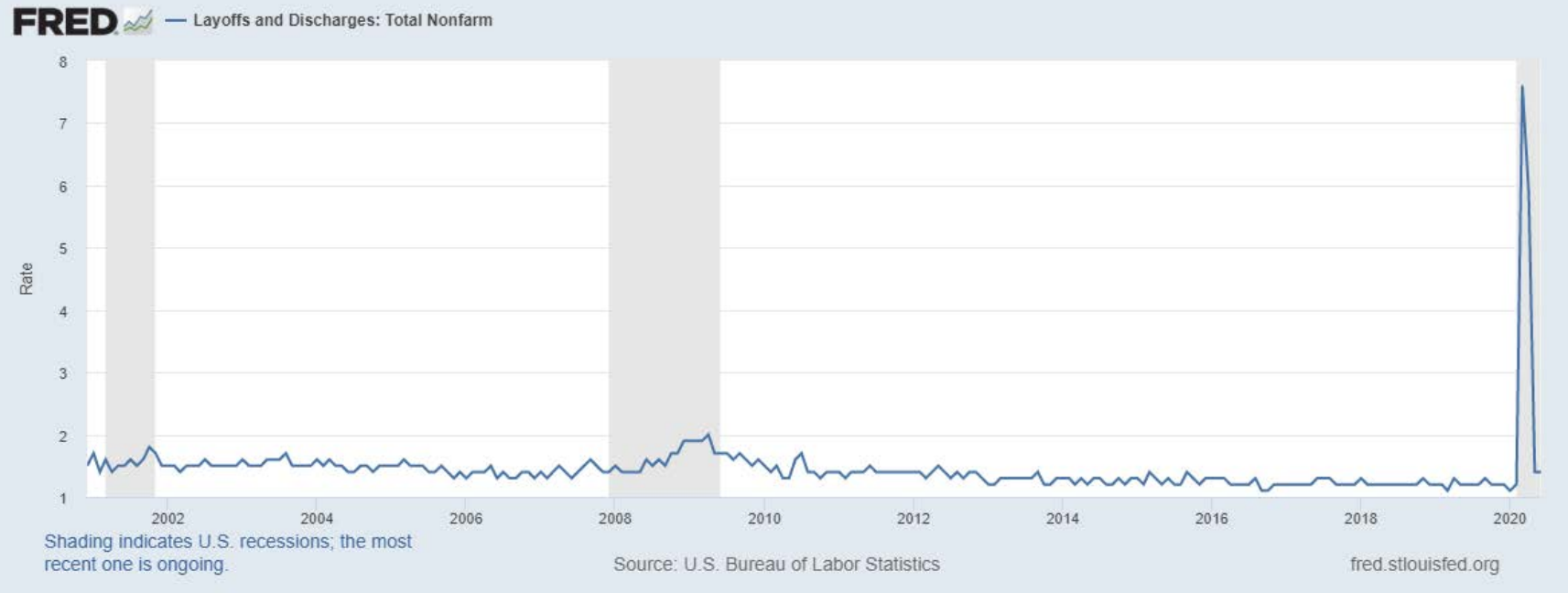
- COVID-19: A Disruptive Force
- Using IQ+™ for Quarterly Economic Analysis
- IQ+ Demonstration
- Next Steps

# COVID-19: A Disruptive Force



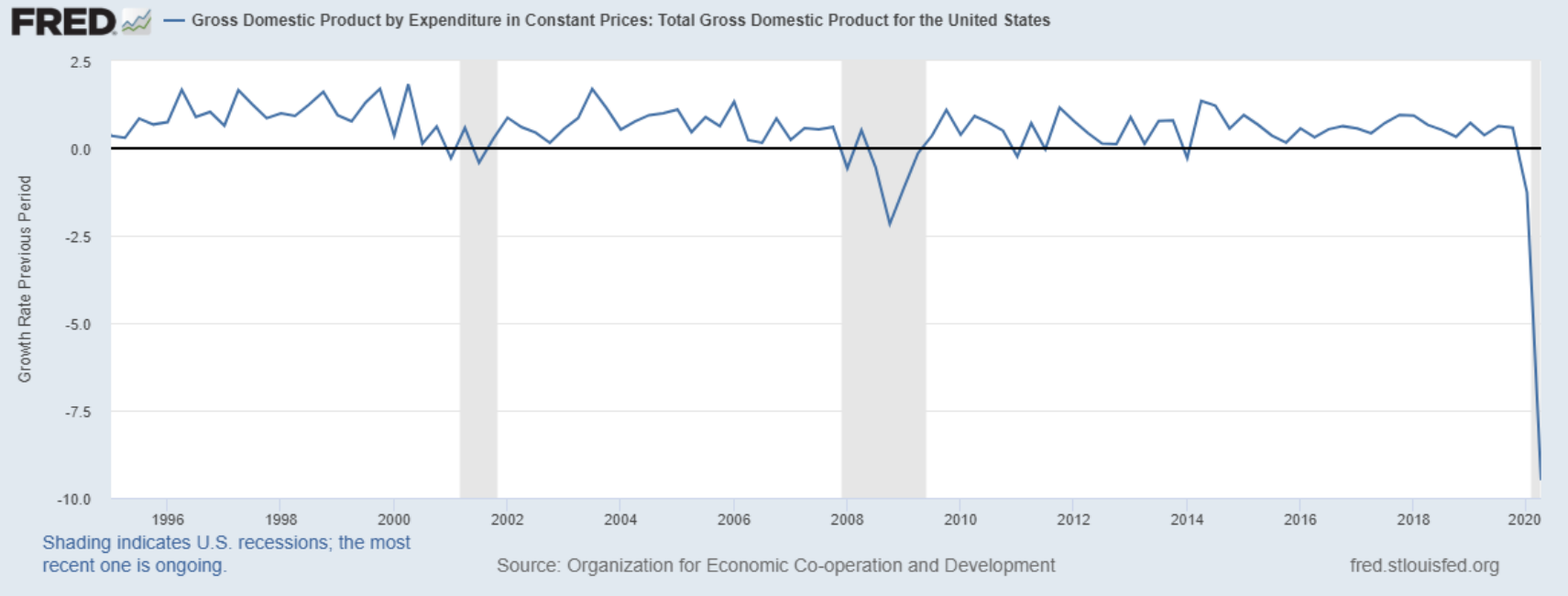
- Dramatic, Disruptive and Rapid
- Uncertain

# Layoffs



what does **REMI** say? <sup>sm</sup>

# GDP



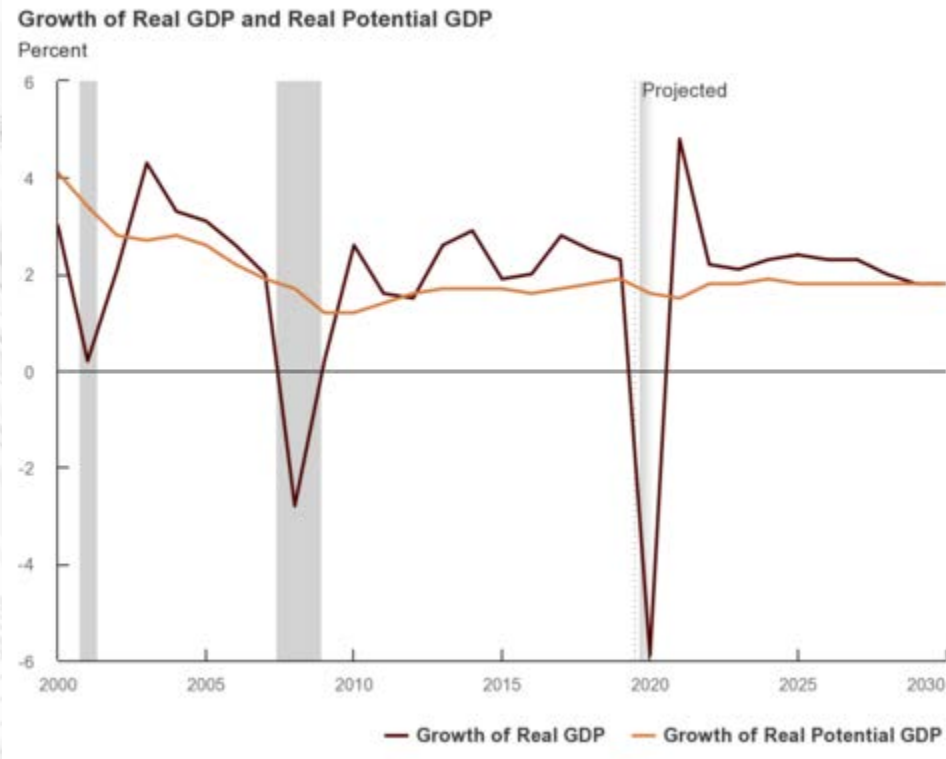
what does **REMI** say? <sup>sm</sup>

# Auto Sales



what does **REMI** say? <sup>sm</sup>

# CBO: Models inform for the future



what does **REMI** say? <sup>sm</sup>

# Analysis Needs



- Economic development agents need to forecast for shorter timeframes amid unclear future due to COVID-19
- Businesses vulnerable to lockdown restrictions and reduced capacities
  - ▣ Lack of travel/tourism
- Historically high unemployment levels
- Potential school closures, impact on tax revenue



# Uncertainty in Universities



what does **REMI** say? <sup>sm</sup>

# IQ+: Quarterly Economic Analysis



- Baseline Economic Projection, quarterly basis to Q4 2022
  - University of Michigan RSQE quarterly data
- You can run alternative forecast scenarios, use national forecast and/or regional adjustments
- Answer “What if?...” questions on external shocks or policy interventions

# Interconnected Industries



what does **REMI** say? <sup>sm</sup>

# The IQ+ Model Advantages



- Quarterly projections for your specified regions
  - ▣ Forecasts economic activity out to 2023 (12 quarters)
- Alternative recovery scenarios
- Addresses difficult “what if...” policy questions
  - ▣ Partial shutdowns, partial re-openings
  - ▣ School closures, and effect on tax revenue

# COVID-Related Issues



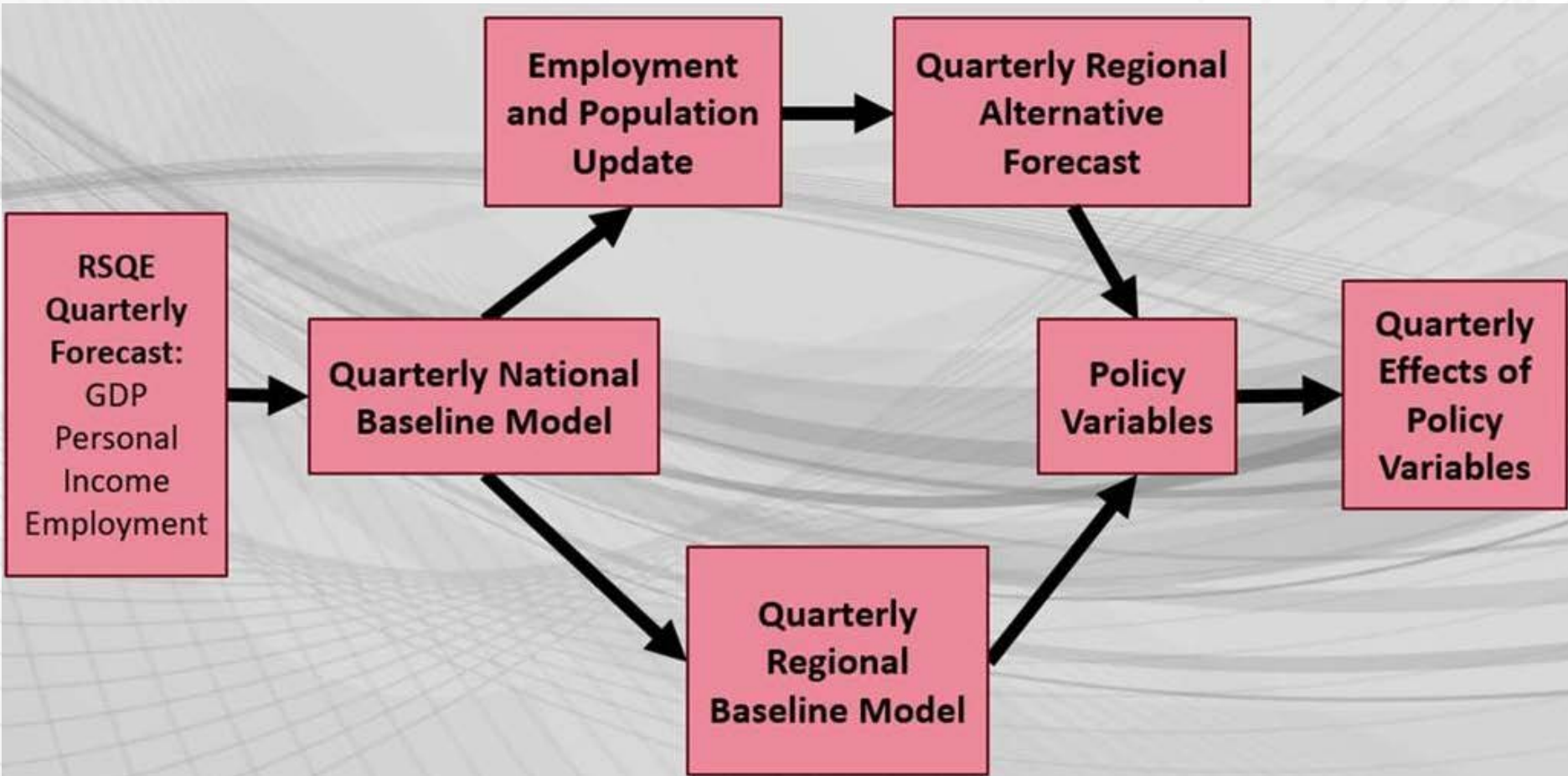
- Education: Remote for much of K-12 and Higher Ed, subject to change based on COVID clusters
- Offices: City Skylines are Barely Used, Office Park Restaurants and Urban Areas
- Tourism and events: Sharply curtailed or banned altogether
- Work-from-home: Remaking Economic Geography

# Cancellations and Postponements



what does **REMI** say? <sup>sm</sup>

# Model Outline



what does **REMI** say? <sup>sm</sup>

# Demonstration



1. Introduce Standard National Control (updated with quarterly RSQE data)
2. Show how it reflects in the Standard Regional Control
3. Create a regional simulation



# Demonstration



## Model Demonstration

*what does **REMI** say? <sup>sm</sup>*