



Atlanta Regional Commission **CLC COVID UPDATE**

July13, 2020

ARC Staff Meeting

COVID Shelter In Place Map Team

Allie Orrego

David Giguere

Ryan Schlom

Skyler Stirling

Becky Apter

Reginald

James

Marquitrice

Mangham

Rachel Will

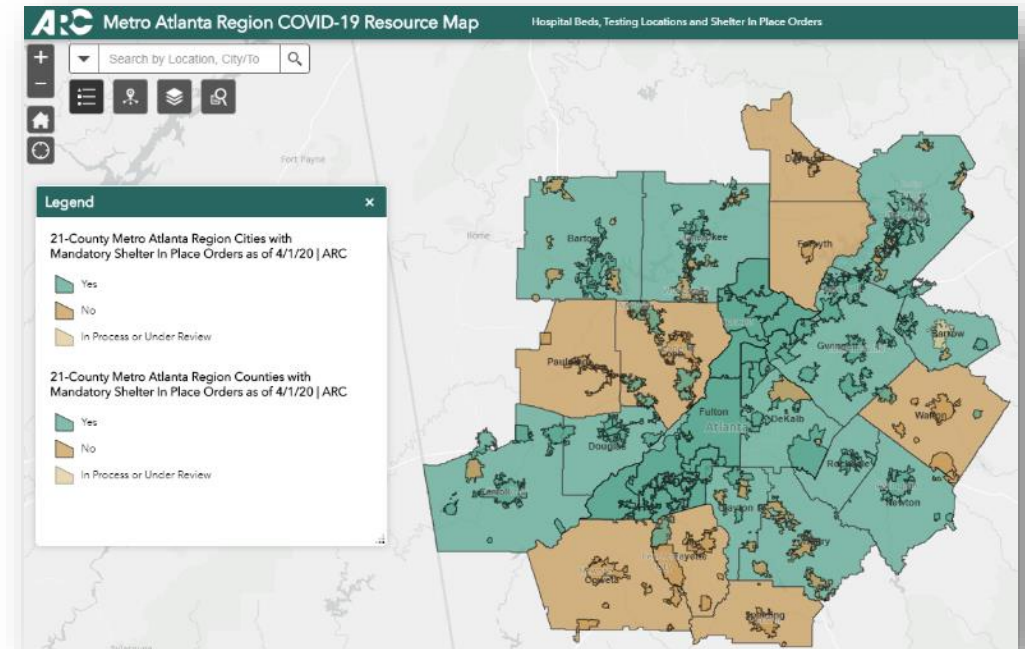
Tiwanna Crawford

Ramesh Ghimire

Marian Liou

Olivia Haas

Brittney Palmer



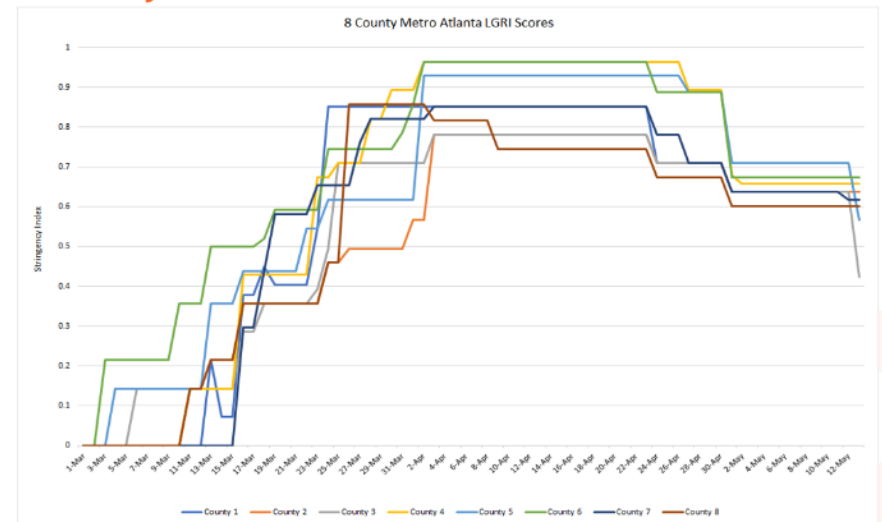
Local Government Response Index Team

Allie Orrego	Rachel Will
David Giguere	Tiwanna Crawford
Ryan Schlom	Ramesh Ghimire
Skyler Stirling	Marian Liou
Becky Apter	Olivia Haas
Reginald	
James	
Marquitrice	
Mangham	

Introduction and Overview

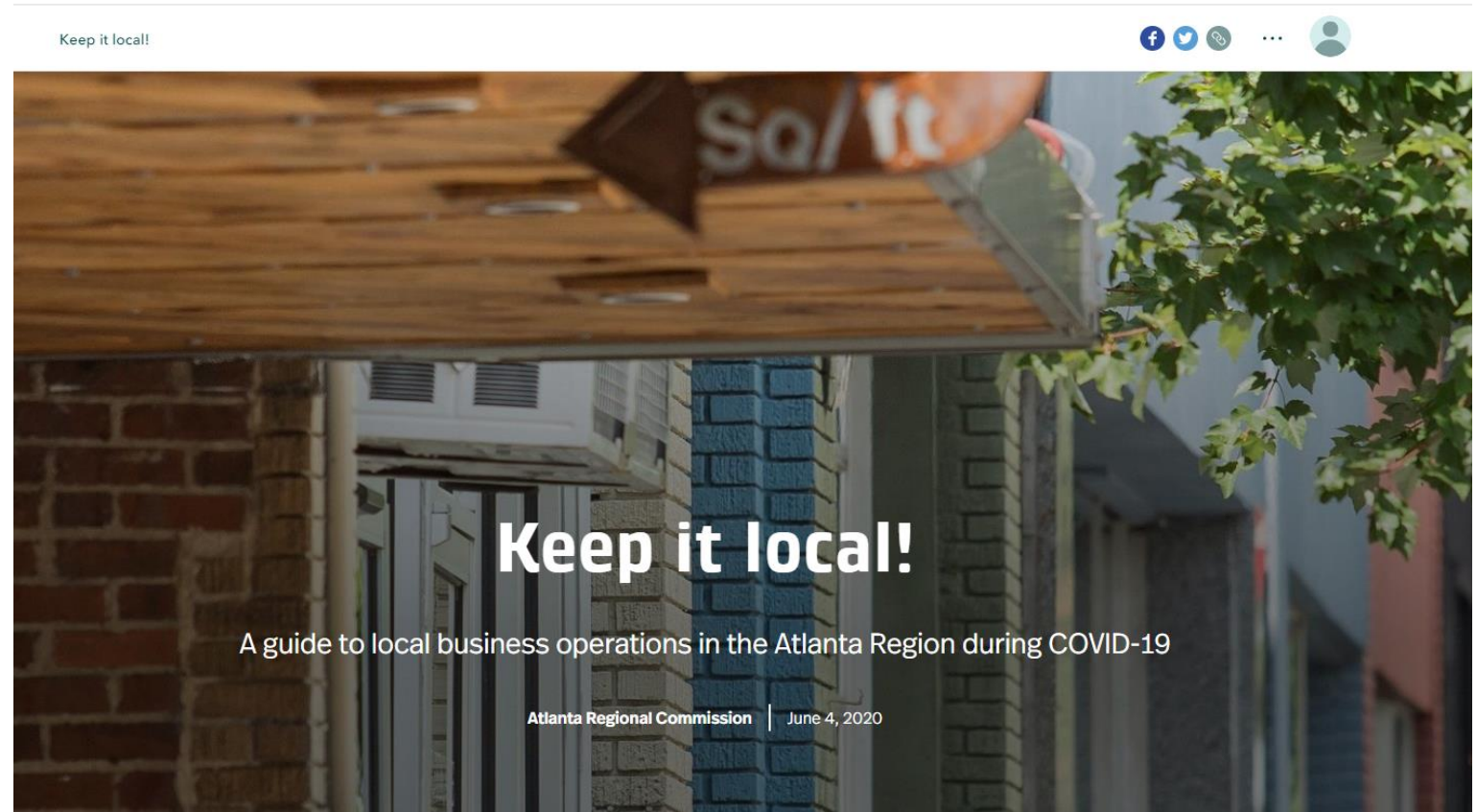
- Tracking Local Government Response to COVID-19 in 10 county ARC Region
 - Data gathered for 20-county MPO, but data validation is laborious
- Based off Oxford study
- Continuously evolving pandemic has called for constant re-examination of indicators as local and state governments respond to COVID-19

Preliminary Results



Ideas from the Shelter in Place Team

(Work in Progress)



COVID (SIP) Transit Equity Team

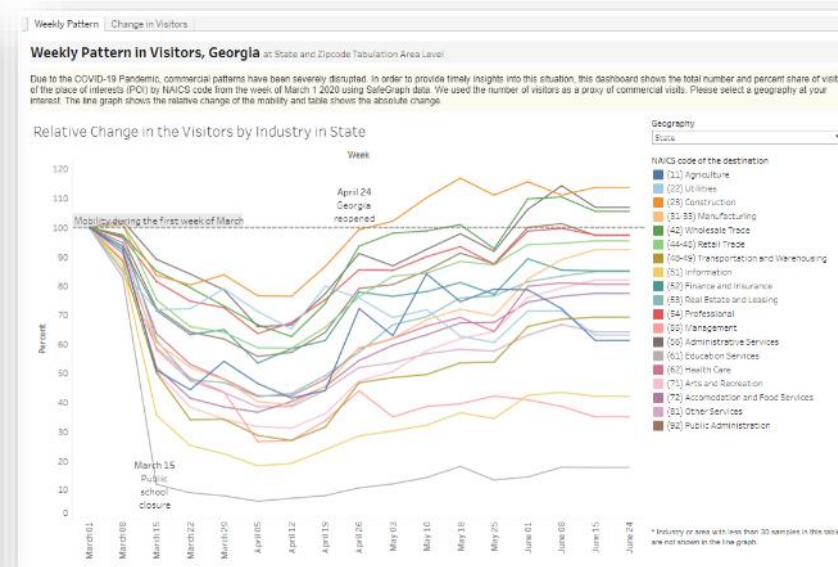
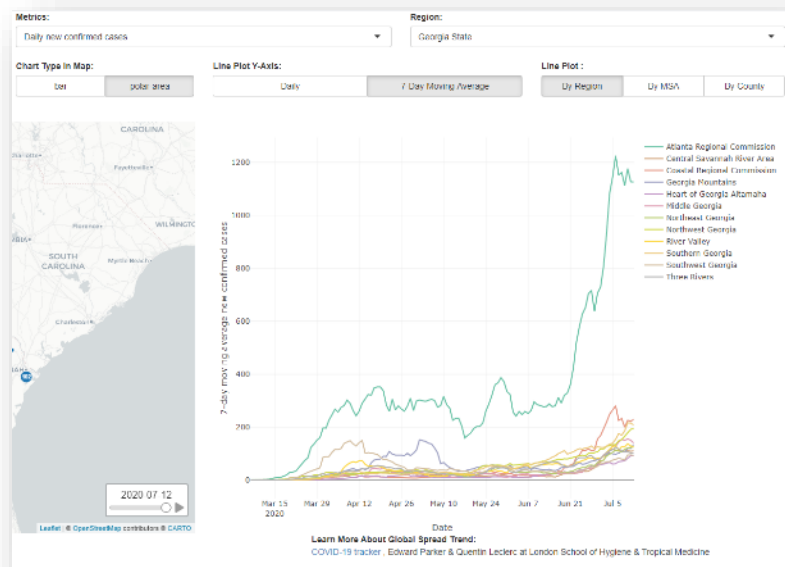
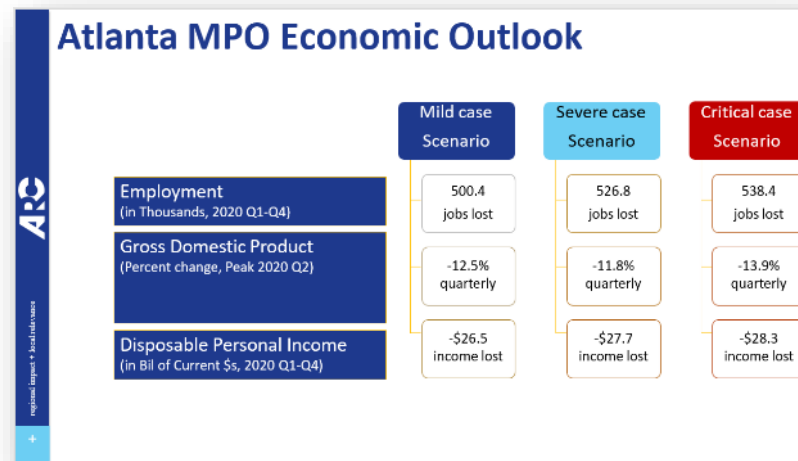
Brittney Palmer, Olivia Haas

Community Businesses Team

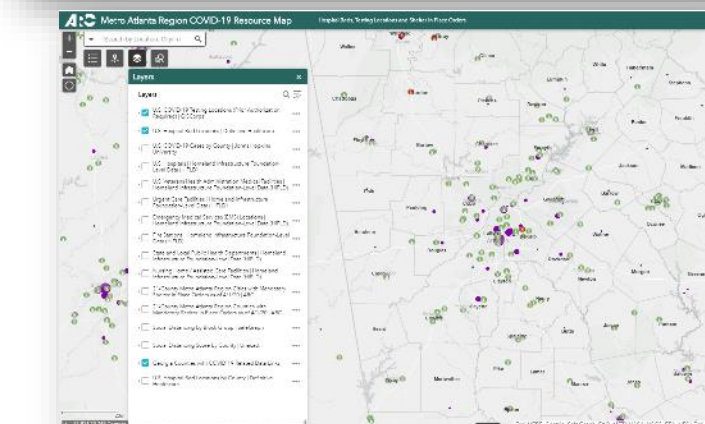
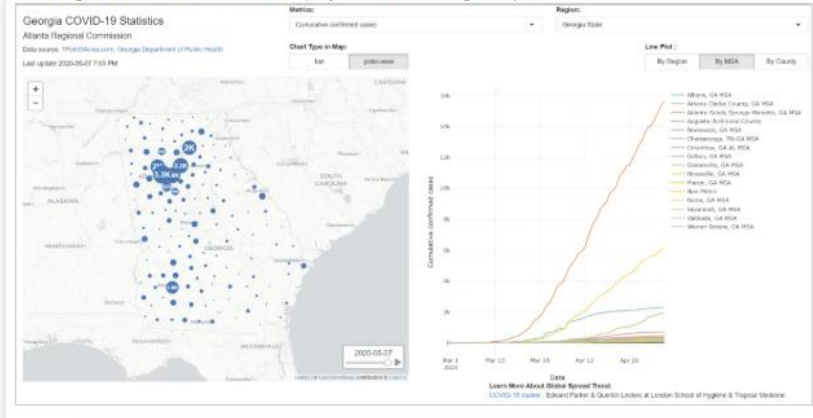
Rachel Will, Ryan Schlom

Economic and Health Modeling

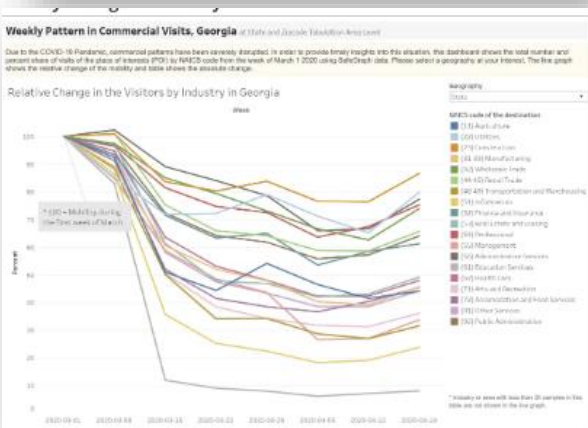
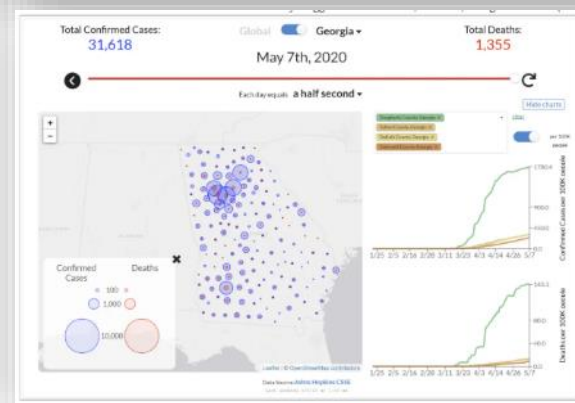
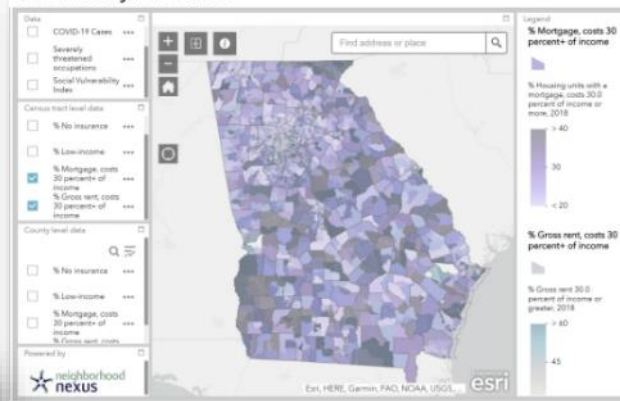
Erik Woodworth
Hae Seung Sung
Shichen Fan
Colby Lancelin
Ramesh Ghimire
Wei Wang
Ayodeji
Aladesanmi



Local, regional, and state indicators and projections. (Click image to open.)

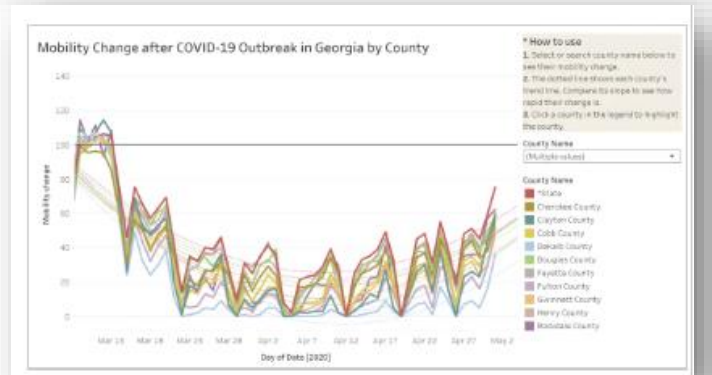


Economically Vulnerable



Data Source: JobsEQ Labor Insight, 2019Q3

The scatter plot illustrates the relationship between the Marginal Product of Labor (MPL) and the level of employment for different industries. The Y-axis represents the MPL in dollars, ranging from 0 to 100,000. The X-axis represents the level of employment in thousands, ranging from 0 to 120,000. The data points are labeled with industry names: Marg Ann Wages, Department Stores, Hotels (except Casino Hotels and Motels), Temporary Help Services, Limited-Service Restaurants, and Full-Service Restaurants. Marg Ann Wages shows the highest MPL for a given employment level, while Full-Service Restaurants shows the lowest.



NARC Webinar

Mike Carnathan

Allie Orrego

Ryan Schlom

Colby Lancelin

Georgia URISA Webinar

Ryan Barrett

David Giguere

Don't Miss Today's NARC Webinar: GIS and Data Mapping: Regional COVID-19 Response Examples

[Register Here!](#)

Date: Wednesday, June 17 (Today!)

Time: 4:00 – 5:00 PM ET

Contact: Jessica Routzahn (jessica@narc.org)

The coronavirus pandemic has had a great effect on numerous sectors, including aviation, transportation, the hospitality industry, and local government functions. As states begin to reopen their economies, regional councils have prepared mapping tools and resources to guide local decision making.

This presentation will feature speakers from the Atlanta Regional Commission (ARC), the Mid-Ohio Regional Planning Commission (MORPC), and the Central Florida Regional Planning Council (CFRPC) covering a range of topics including mapping products, economic analyses, local government response tools, and important community-related resources.

Join us this afternoon to learn more about these great tools and resources from ARC, MORPC, and CFRPC. There will be time for Q&A at the end of the presentation.

ARC COVID-19 GIS and Data Hub

<https://opendata.atlantaregional.com/pages/6cc8b588ac1f433d878ce3aaf3e62a7d>

Ryan Barrett

ARC COVID-19 Response

COVID-19 is the infectious disease caused by the novel coronavirus. This new virus and disease were unknown to the population before the outbreak began in Wuhan, China, in December 2019.

This page provides information, maps and resources about the coronavirus response in the Atlanta Region and State of Georgia.

COVID-19 Weekly Report

week ending July 10, 2020

Powered by
ARC
neighborhood
nexus

The COVID-19 Weekly Report, jointly produced by the Atlanta Regional Commission and Neighborhood Nexus, provides the latest data about the state of the novel coronavirus in the Atlanta area. Information comes from the Georgia Department of Public Health, Georgia Labor Market Explorer, and Google COVID-19 Mobility Reports, among others. The report focuses on ARC's member governments but also examines the broader metro area as appropriate.

Key Insights

The most noteworthy updates for this week are:

- Case counts from the week ending June 27th have nearly doubled, from 3,676 to 7,050.
- 4,035 new preliminary COVID-19 cases in the week ending July 4
- 54,073 new unemployment insurance (UI) claims this week, down 11 percent from 60,779 claims last week
- 14,164 new jobs posted this week, down 19.9 percent from 17,683 postings last week
- Overall time spent out of home is up 2.4 percentage points, accounted for by trips to retail and grocery stores
- There were 181 million workweek miles traveled this week, up 12.6 percent from the 161 million last week

COVID-19 Updates

In the 10-county area...

4,035 new preliminary cases, June 28 - July 4

This number is a 42% decrease in new cases over last week's 7,050. This may change, however, as new test results are available.

This week's new cases are an increase of 11% in total confirmed cases (see next chart) in the week ending June 27

Weekly New Cases

In the past week, DPH has added 3,374 new cases to its June 27th estimate, increasing it from 3,676 known new cases last week to today's 7,050 known cases.

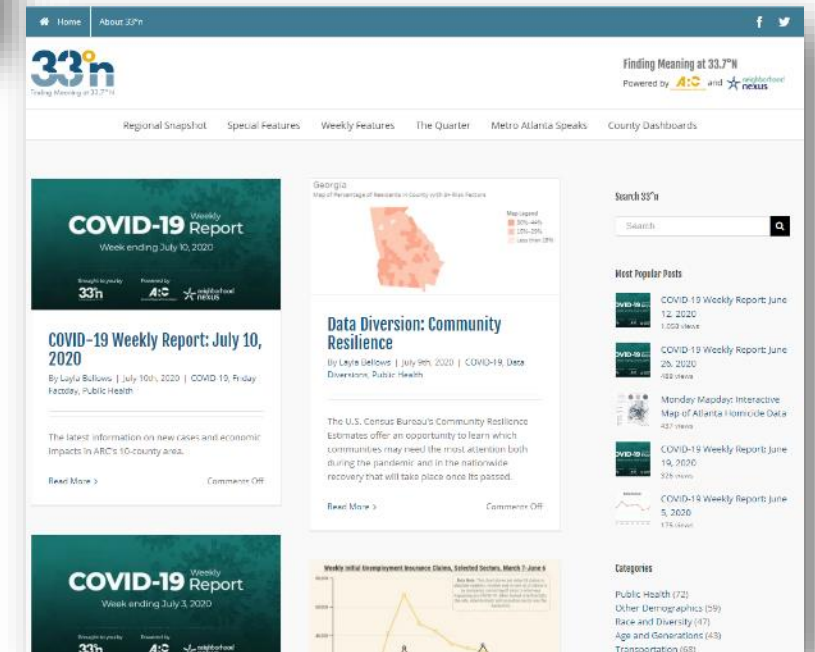
Weekly Reports

The COVID-19 Weekly Report by the ARC & Neighborhood Nexus provides a snapshot summarizing the latest data about the state of COVID-19 in the Atlanta region

- July 10
- July 3
- June 26
- June 19
- June 12
- June 5
- May 29

Neighborhood Nexus and 33N Teams

Tommy Pearce
Jim Skinner,
Layla Bellows
Nikolai Elneser
Maria Sotnikova
Hae Seung Sung
Erik Woodworth



Weekly COVID Report

<https://33n.atlantaregional.com/>

<https://33n.atlantaregional.com/friday-factday/covid-19-weekly-report-june-19-2020>

ARC

COVID-19 Weekly Report

week ending June 19, 2020

The COVID-19 Weekly Report, jointly produced by the Atlanta Regional Commission and Neighborhood Nexus, provides the latest data about the state of the novel coronavirus in the Atlanta area. Information comes from the Georgia Department of Public Health, Georgia Labor Market Explorer, and Google COVID-19 Mobility Reports, among others. The report focuses on ARC's member governments but also examines the broader metro area as appropriate.



Key Insights

The most noteworthy updates for this week are:

- 1,601 new COVID-19 cases, a decrease of 14.2 percent from last week's 1,865 new cases.
- 66,426 new unemployment insurance (UI) claims this week, down 4.5 percent from 69,523 claims last week.
- 10,540 new jobs posted this week, down 24.1 percent from 13,890 postings last week.
- Overall time spent out of home is down 0.62 percentage points, still 16 percent below the baseline.
- There were 145 million workweek miles traveled this week, up 3.8 percent from the 139 million last week.

COVID-19 Updates

In the 10-county area...

1,601 new preliminary cases,
June 7 - 13

- This is a **14.2% decrease** in new cases when compared to the 1,865 new cases in the week ending June 6.
- This week's new cases are an **increase of 7.2%** from the total confirmed cases (below) in the week ending June 6.



Key economic indicators by county

COUNTY	UNEMPLOYMENT CLAIMS		NEW BUILDING PERMITS		OVERALL TIME SPENT OUT		VEHICLE	
	UI CLAIMS	WEEKLY CHANGE	RESIDENTIAL	COMMERCIAL	CHANGE FROM BASELINE*	WEEKLY CHANGE	VMT	CHANGE FROM BASELINE**
Cherokee	2,477	-6.4%	68	2	-11.9	-0.30	11,652,000	-30.8%
Clayton	5,462	-3.8%	7	0	-10.7	-2.40	11,500,000	-21.3%
Cobb	9,338	-3.2%	26	3	-20.5	0.00	22,560,000	-44.1%
DeKalb	11,389	-4.2%	19	1	-20.8	0.00	14,320,000	-49.3%
Douglas	2,374	15.1%	21	0	-12.5	-1.00	6,786,000	-22.1%
Fayette	1,776	-3.6%	4	0	-14.6	-1.50	4,602,000	-32.2%
Fulton	17,625	-2.5%	6	0	-27.0	0.70	26,880,000	-56.8%
Gwinnett	11,301	-10.9%	57	5	-18.0	0.30	31,200,000	-32.8%
Henry	3,371	-5.4%	12	0	-13.3	-0.80	12,180,000	-17.4%
Rockdale	1,313	-8.2%	0	0	-11.1	-1.30	3,377,500	-25.8%
Total	66,426	-4.5%	220	11	-16.0	-0.62	145,057,500	-40.4%

Sources and data notes: Georgia Labor Market Explorer; Home Builders Weekly; Google COVID-19 Community Mobility Reports; COVID-19 VMT Monitor; Streetlight Data.

* Median value, for the corresponding day of the week, for the 5-week period Jan 3-Feb 6, 2020.

** Baseline is the daily average VMT during the workweek for the 10 counties between Mar 2-Mar 6, 2020.

COVID-19 Weekly Report

Week ending June 19, 2020

Brought to you by

33n

Powered by

A:R

neighborhood
nexus

COVID-19 Weekly Report: June 19, 2020

By Layla Bellows | June 19th, 2020 | COVID-19, Friday Factday, Public Health

Testing Locations/GISCorps Team

<https://giscorps.maps.arcgis.com/apps/webappviewer/index.html?id=2ec47819f57c40598a4eaf45bf9e0d16&extent=-25814021.4354%2C-2406154.891%2C4711870.1806%2C13385123.6565%2C102100>

Paul DiGirolamo

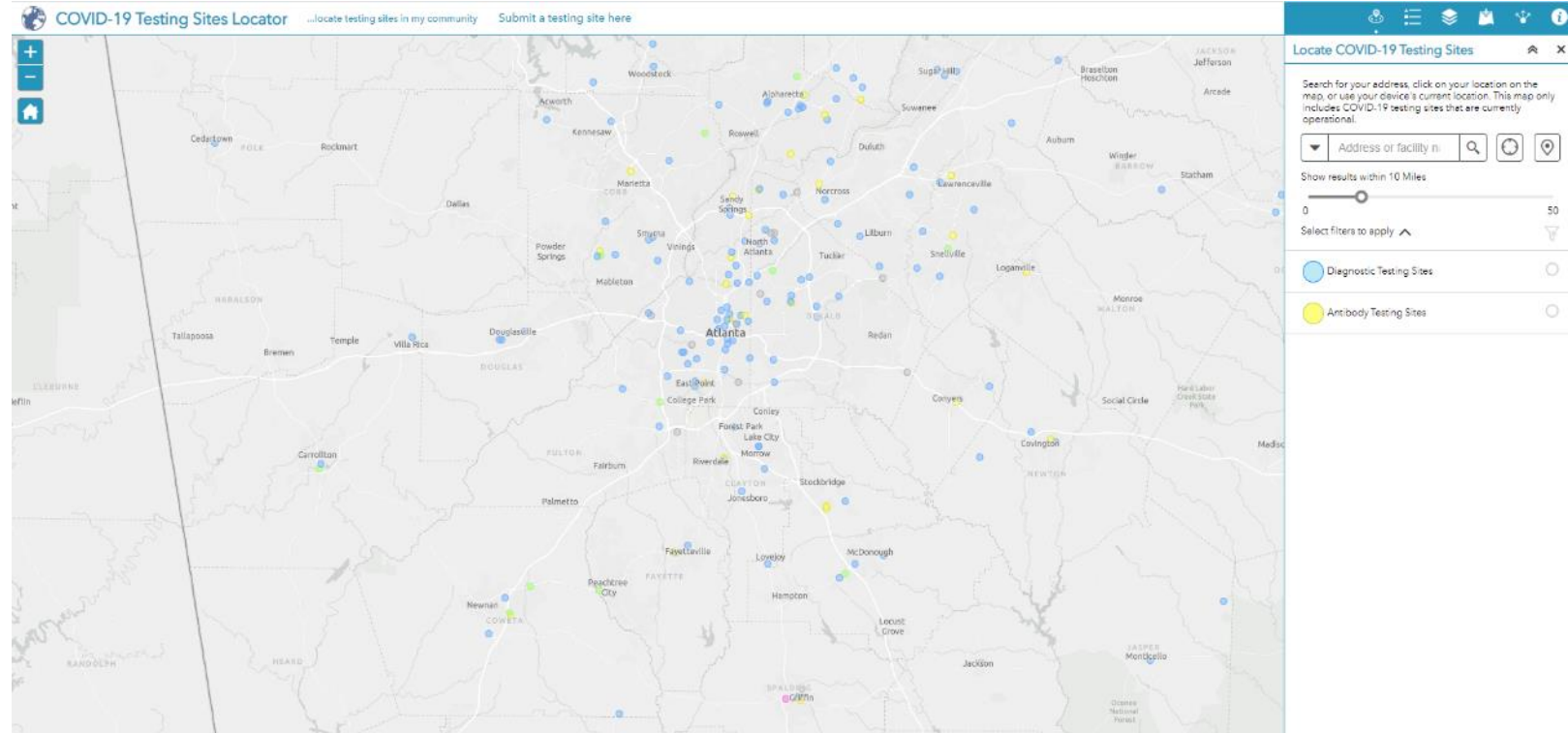
Grant Saunders

Skyler Stirling

Brittney Palmer

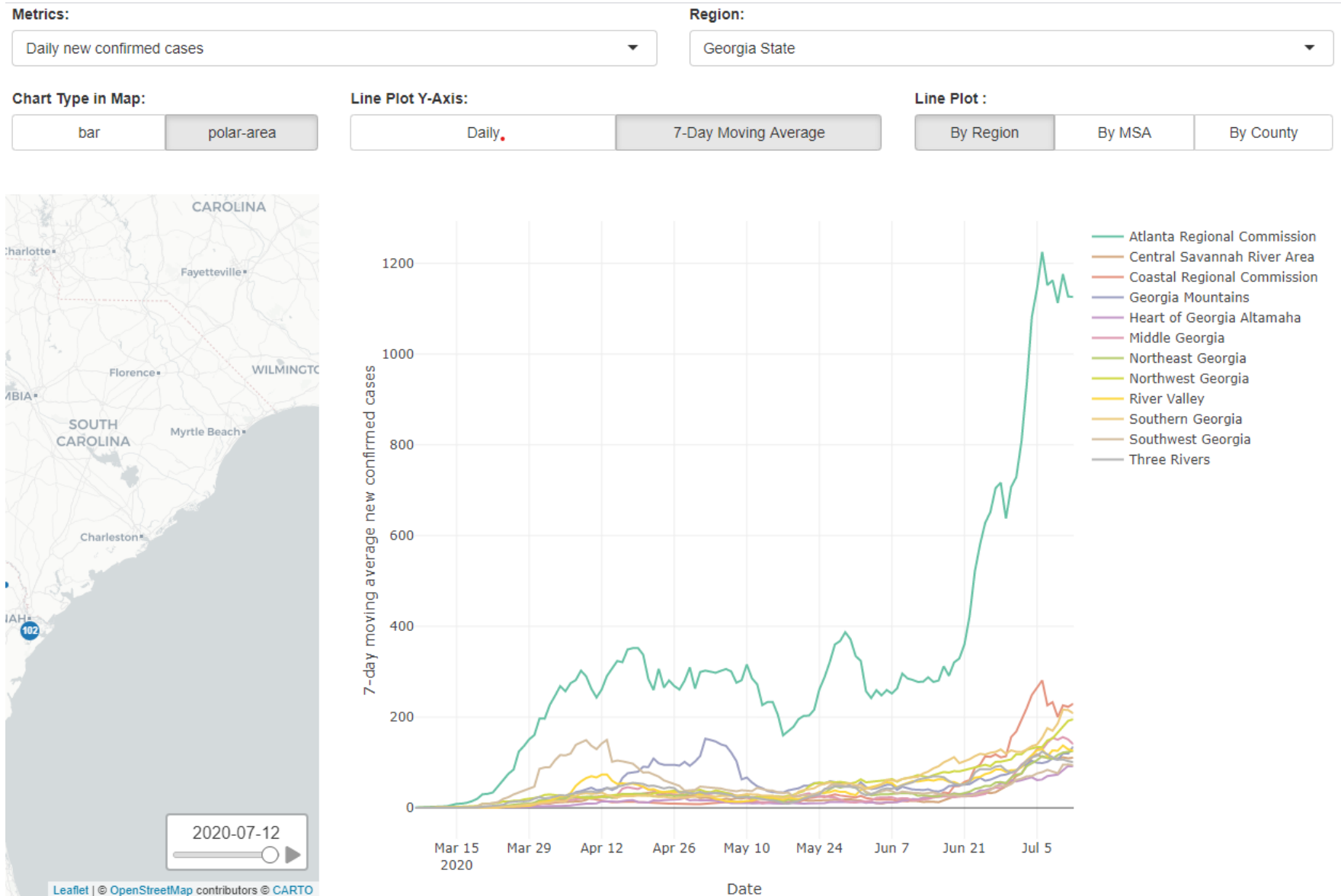
Olivia Haas

David Giguere



The Data Update

The Shichen Fan COVID Tool



Learn More About Global Spread Trend:

[COVID-19 tracker](#) , Edward Parker & Quentin Leclerc at London School of Hygiene & Tropical Medicine

<https://atlantaregional.shinyapps.io/COVID19/>

City of Atlanta COVID Status

https://atlstrong.org/wp-content/uploads/2020/05/COVID_Dashboard.pdf

ARC

regional impact + local relevance

+

COVID-19 Atlanta Reopening Dashboard – July 8, 2020 (updated on July 10, 2020)

#ATLSTRONG

Current Status: **Phase 1**

Phase I metrics are reported to public bi-weekly. Next update is on 07/14

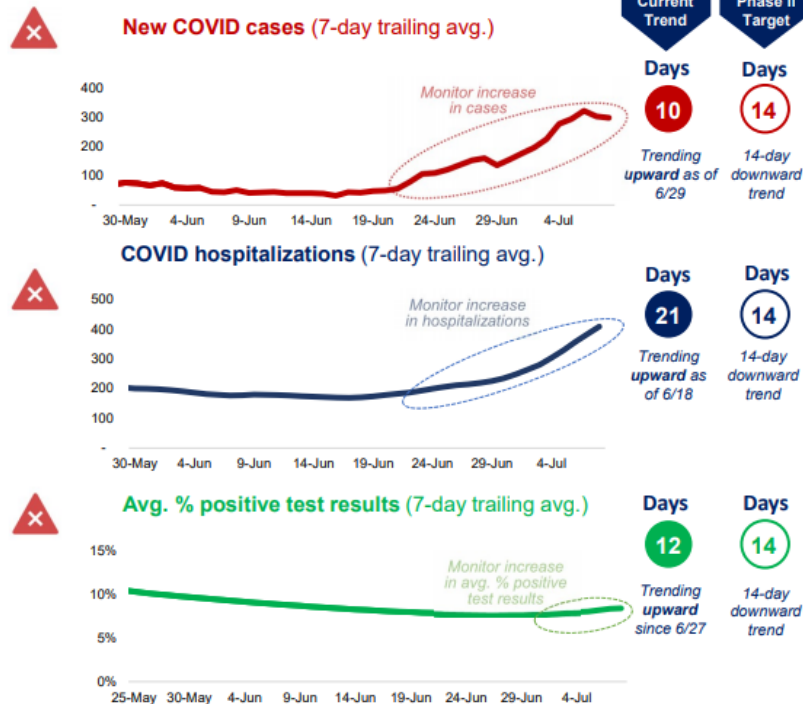
Updated Guidance Phase I

- Social distancing followed and enforced where practical
- To-go and curbside pickups from restaurants and retail establishments
- All persons are required to wear a mask or face covering over their nose and mouth

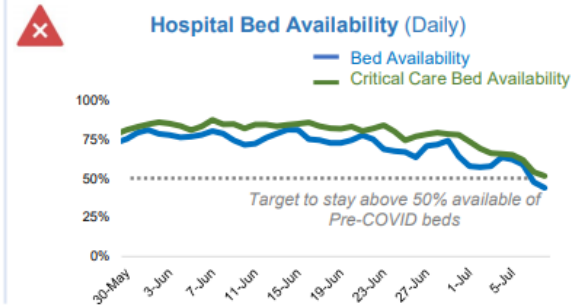
Focus areas for next seven days

- Monitoring current overall upward trends in new cases, hospitalizations, percent positive tests, and downward trend in Hospital Capacity

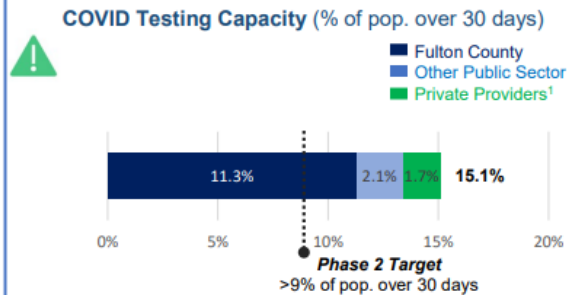
Disease Spread Indicators



Hospital Capacity Indicators



Testing Indicators

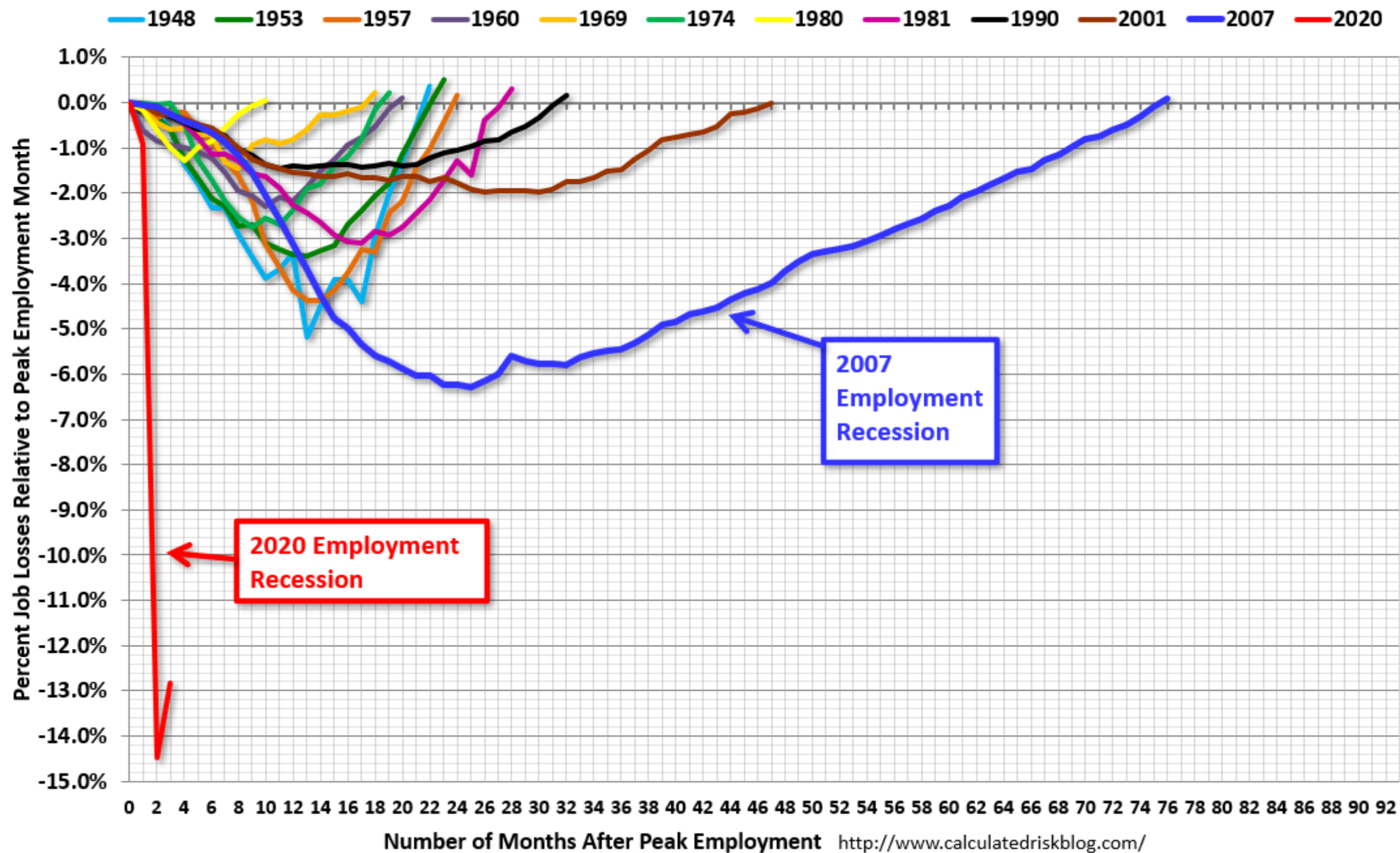


*** Contract tracing data not yet provided by State of Georgia, but remains a key metric for movement to Phase 3

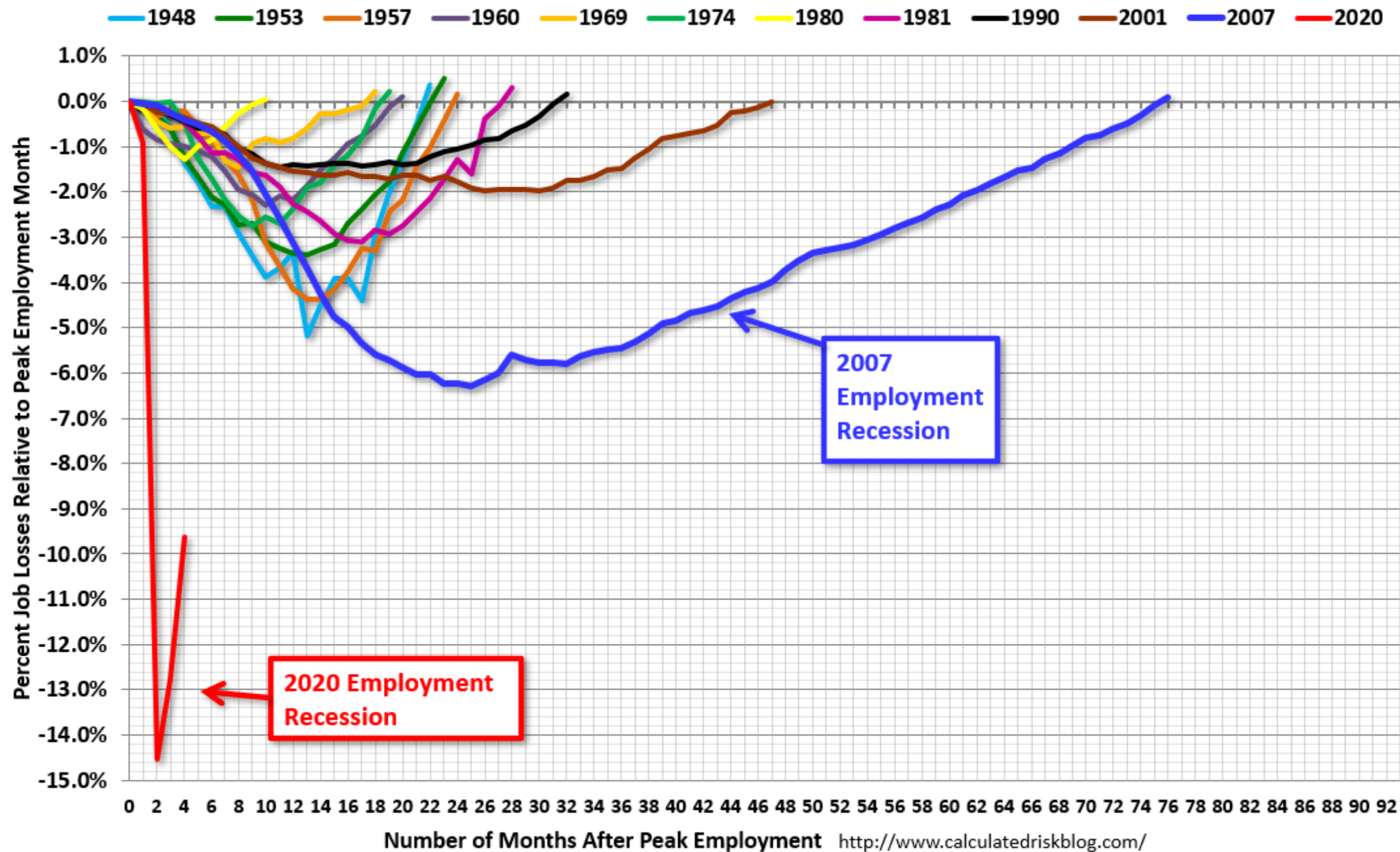
¹ Private providers include CVS & Walgreens; based on 6/29 data

Disclaimer: All data used herein is not owned or maintained by the City of Atlanta. Data has been sourced from Fulton County Board of Public Health & Atlanta-Fulton County Emergency Management Agency. Fulton County-wide data is used as a proxy for severity in the City of Atlanta jurisdiction. The City of Atlanta does not claim responsibility for the accuracy of the source data.

Percent Job Losses in Post WWII Recessions

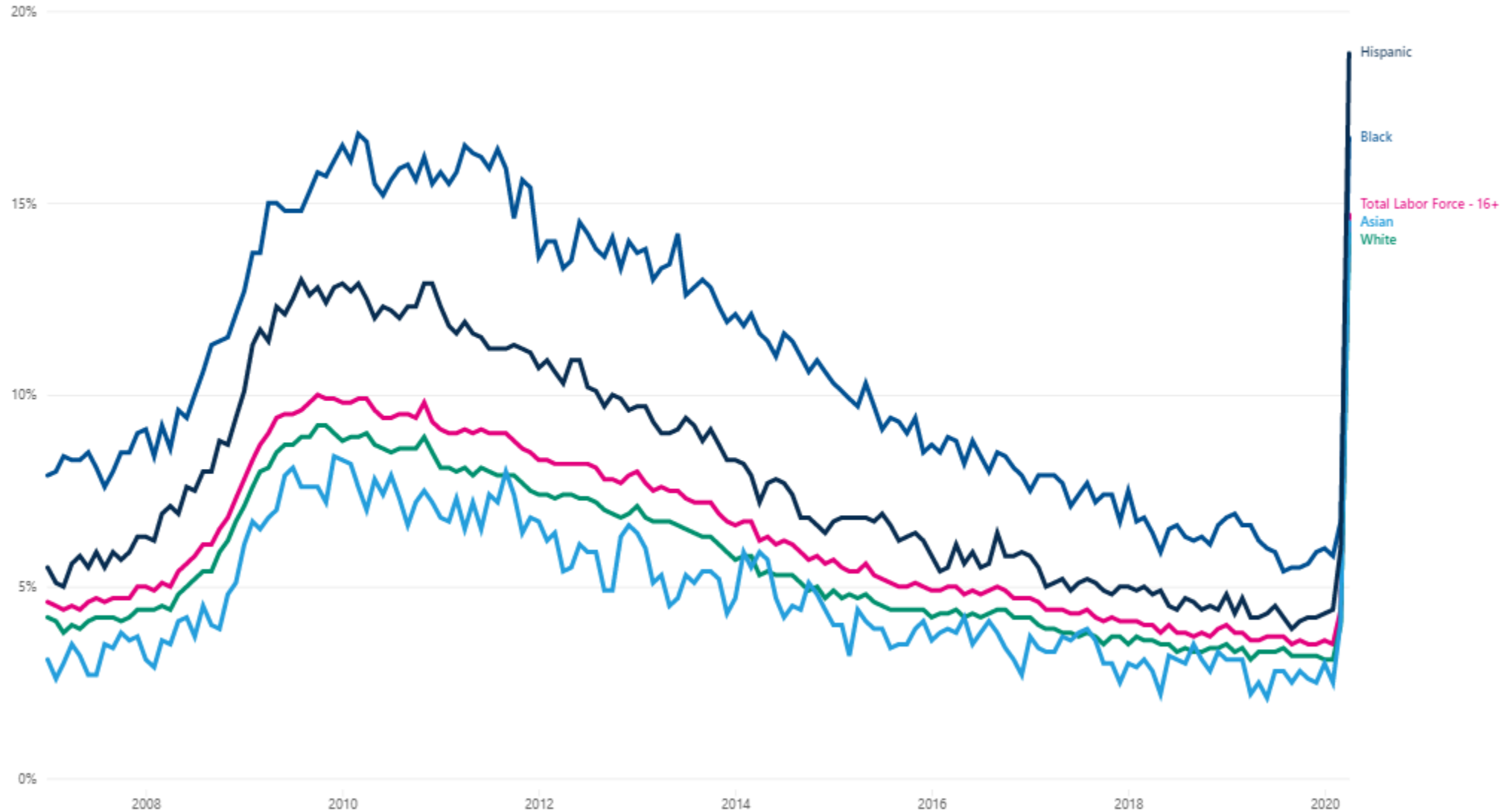


Percent Job Losses in Post WWII Recessions



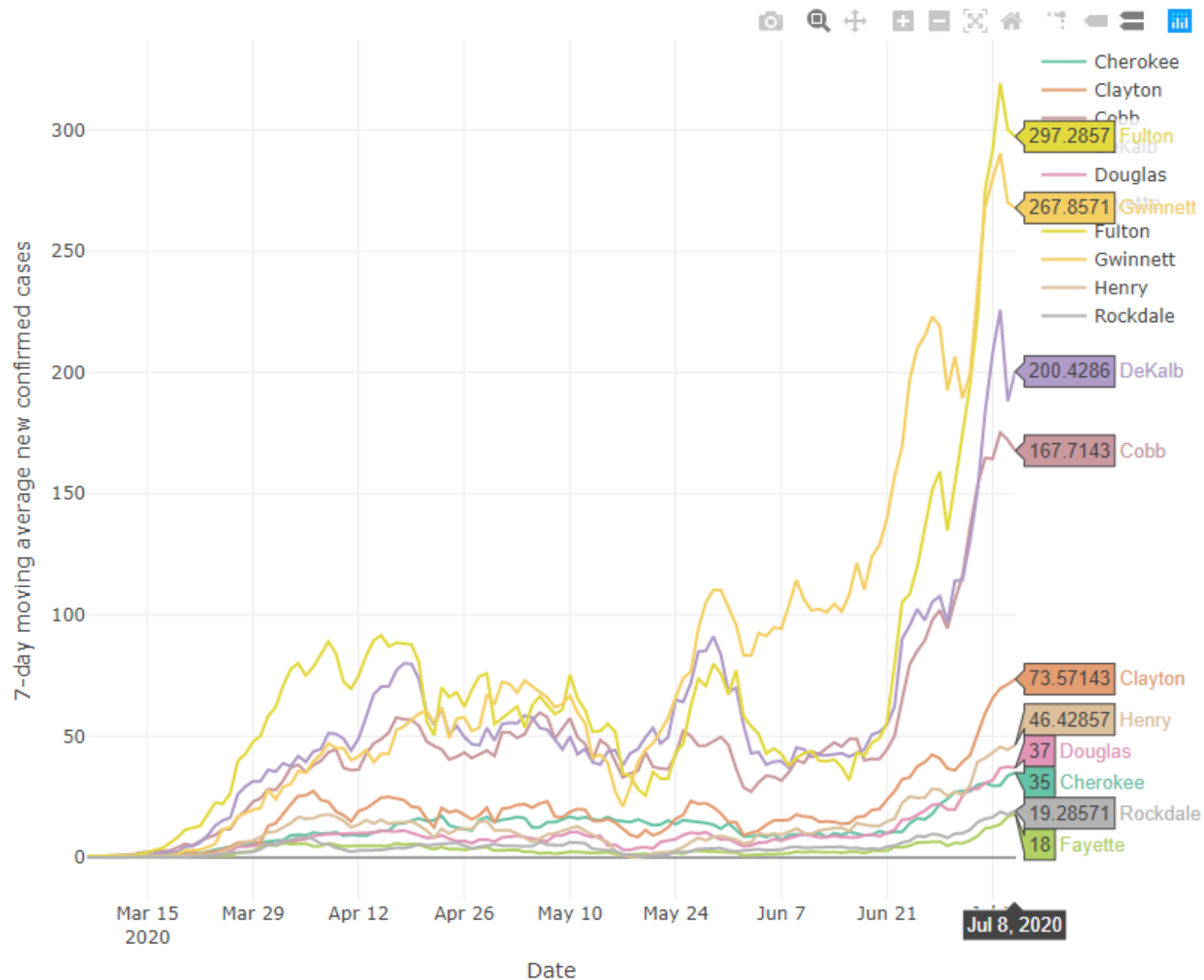
Who is being impacted the most (national):

Unemployment rate by race



Cases Slide/ Daily Total

<https://atlantaregional.shinyapps.io/COVID19/>



Learn More About Global Spread Trend:

[COVID-19 tracker](#) , Edward Parker & Quentin Leclerc at London School of Hygiene & Tropical Medicine

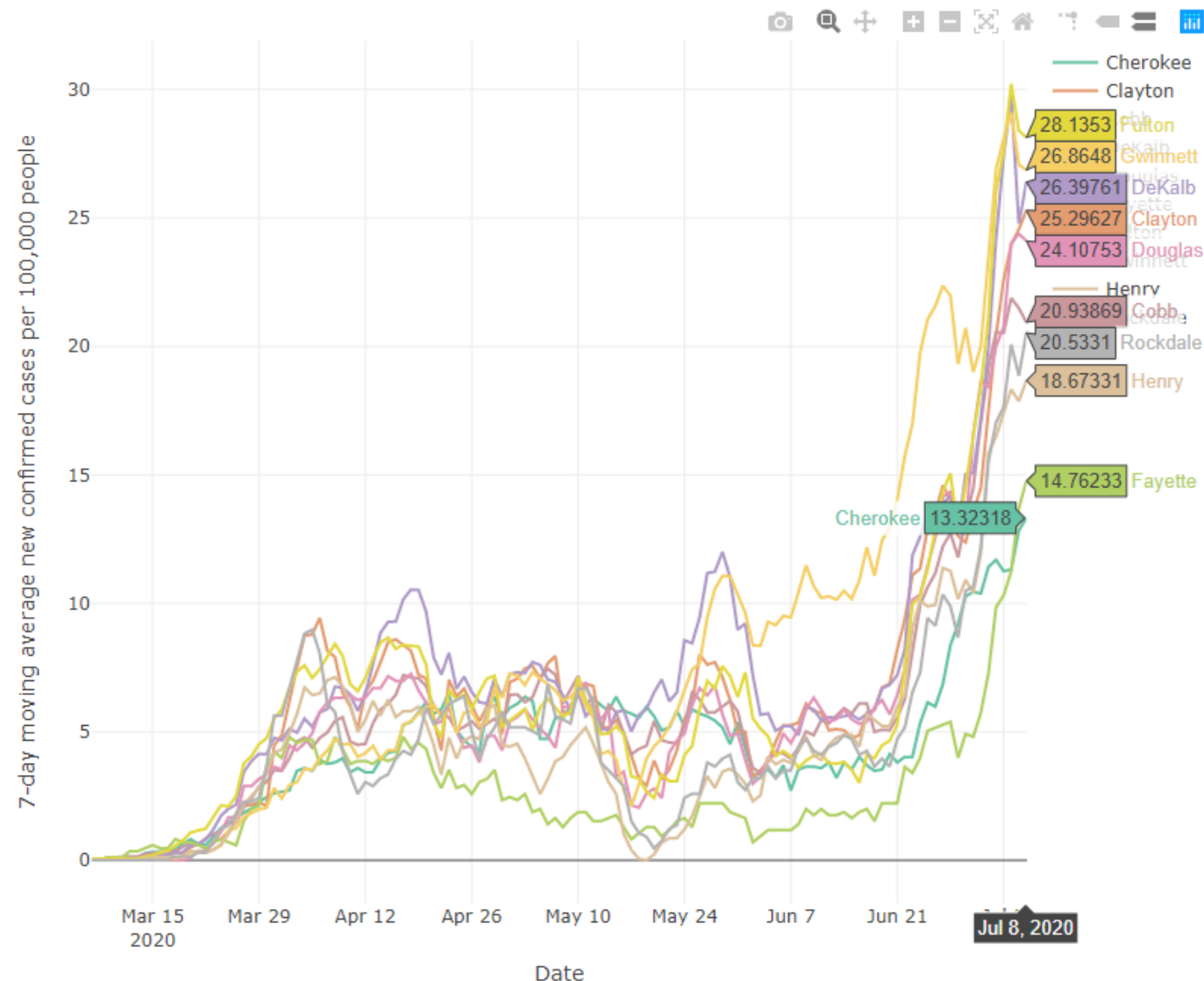
Cases Slide/ Per 100000

<https://atlantaregional.shinyapps.io/COVID19/>

Line Plot Y-Axis:

Daily

7-Day Moving Average



Learn More About Global Spread Trend:

COVID-19 tracker , Edward Parker & Quentin Leclerc at London School of Hygiene & Tropical Medicine

Area	Total Individual Population age 18+	Total Housing Insecurity		Housing Insecurity Percent	
		Number	Margin of Error +/-	Percent ↓	Percent Margin of Error +/-
Miami-Fort Lauderdale-Pompano Beach	5,101,786	1,343,316	197,607	43.8	5.6
Houston-Sugar Land-Baytown	5,778,997	1,448,351	231,141	39.0	5.0
Dallas-Fort Worth-Arlington	6,705,280	1,577,522	356,356	32.5	6.6
Los Angeles-Long Beach-Santa Ana	10,512,305	2,491,920	395,138	32.3	4.3
Riverside-San Bernardino-Ontario	4,260,691	801,903	198,282	30.3	6.1
New York-Northern New Jersey-Long Island	14,760,726	3,026,534	337,969	30.0	3.2
Chicago-Joliet-Naperville	7,112,877	1,349,537	169,662	29.8	3.4
Philadelphia-Camden-Wilmington	4,734,016	891,682	152,944	27.9	4.3
Atlanta-Sandy Springs-Marietta	4,330,909	775,329	130,579	25.8	4.2
San Francisco-Oakland-Fremont	3,895,884	665,966	223,231	25.7	6.7
United States	249,170,916	38,075,649	1,151,355	23.6	0.6
Detroit-Warren-Livonia	3,665,878	497,055	138,937	22.9	6.0
Phoenix-Mesa-Glendale	3,764,585	591,575	111,287	22.1	3.7
Washington-Arlington-Alexandria	4,756,931	650,037	129,552	19.2	3.6
Boston-Cambridge-Quincy	3,846,938	509,636	100,795	19.1	3.5
Seattle-Tacoma-Bellevue	3,324,775	349,677	91,803	14.6	3.6

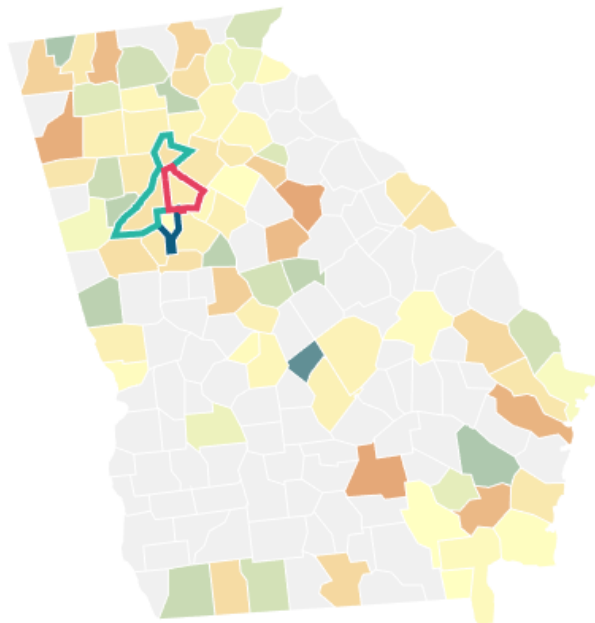
Measure Definition: Percent of adults who missed last month's rent or mortgage payment or who have slight or no confidence that their household can pay next month's rent or mortgage on time.

Counties

<https://tracktherecovery.org/>

Percent Change in All Consumer Spending ⓘ

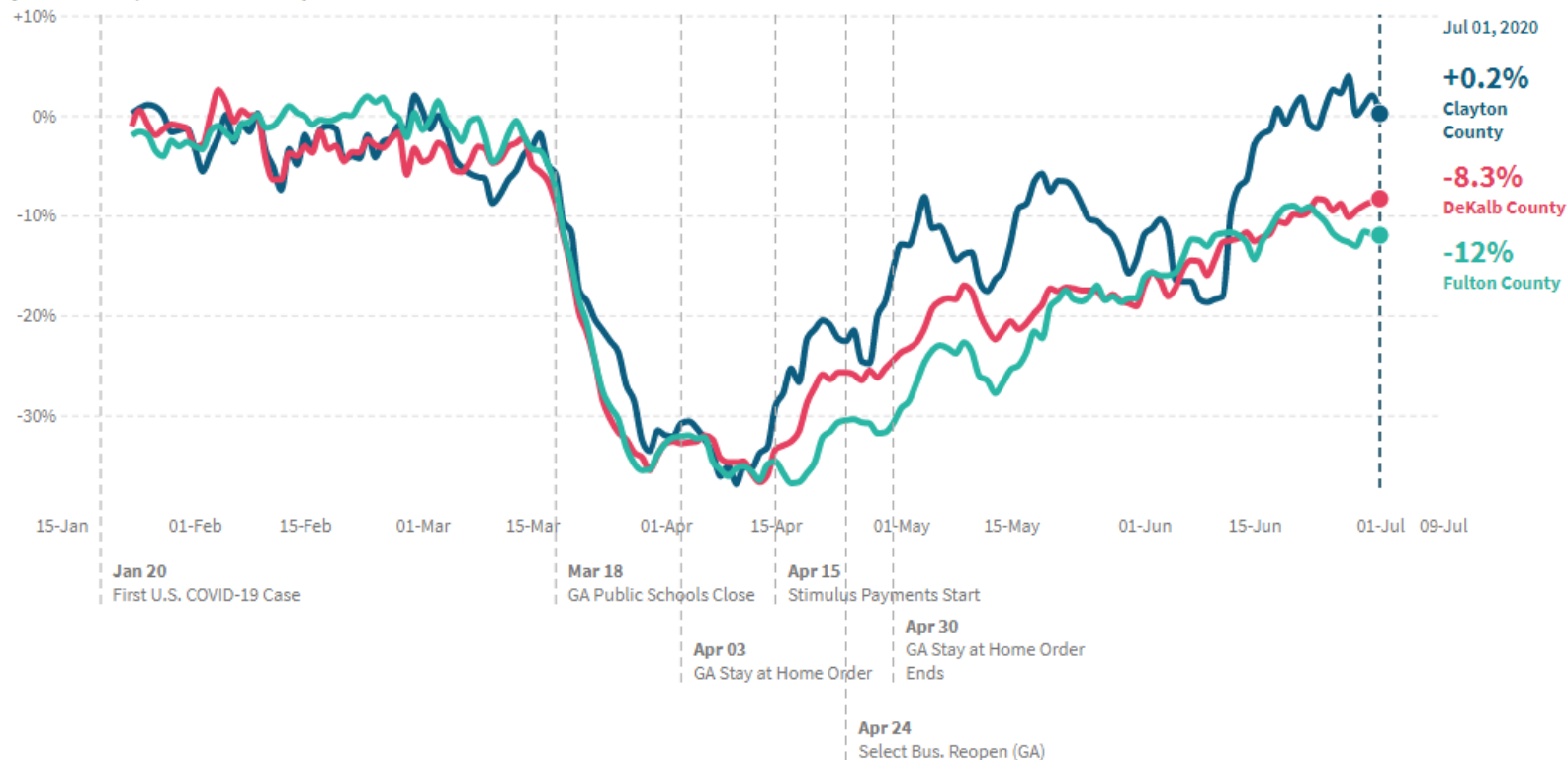
Georgia



-100% -80 -60 -40 -20 0 +8 +16 +24 +32 +40% NA

In **Clayton County**, as of July 01, 2020, total spending by all consumers increased by **0.2%** compared to January 2020.

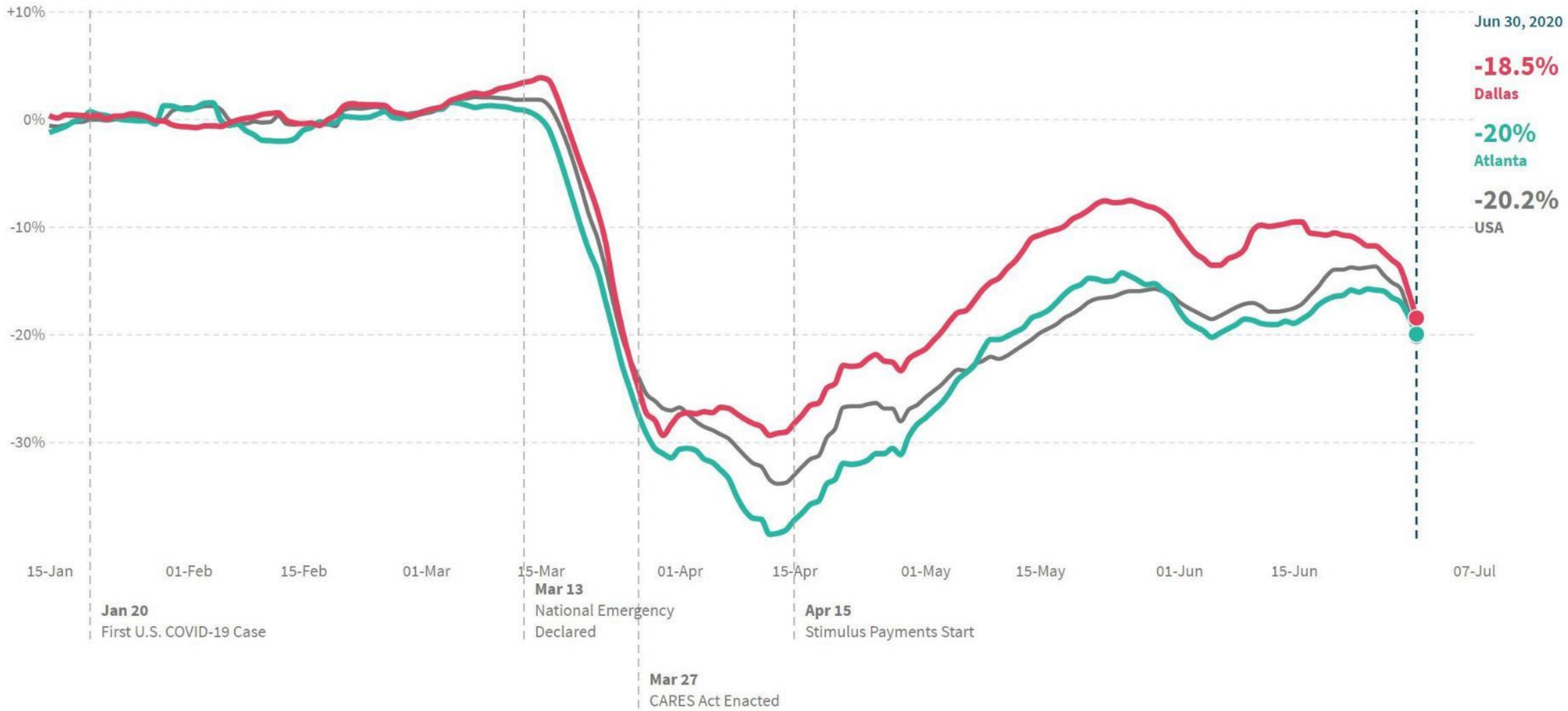
DOWNLOAD CHART



Small Businesses Are Beginning To Close Again...

In **Atlanta**, as of June 30 2020, the number of small businesses open decreased by **20%** compared to January 2020.

DOWNLOAD CHART 

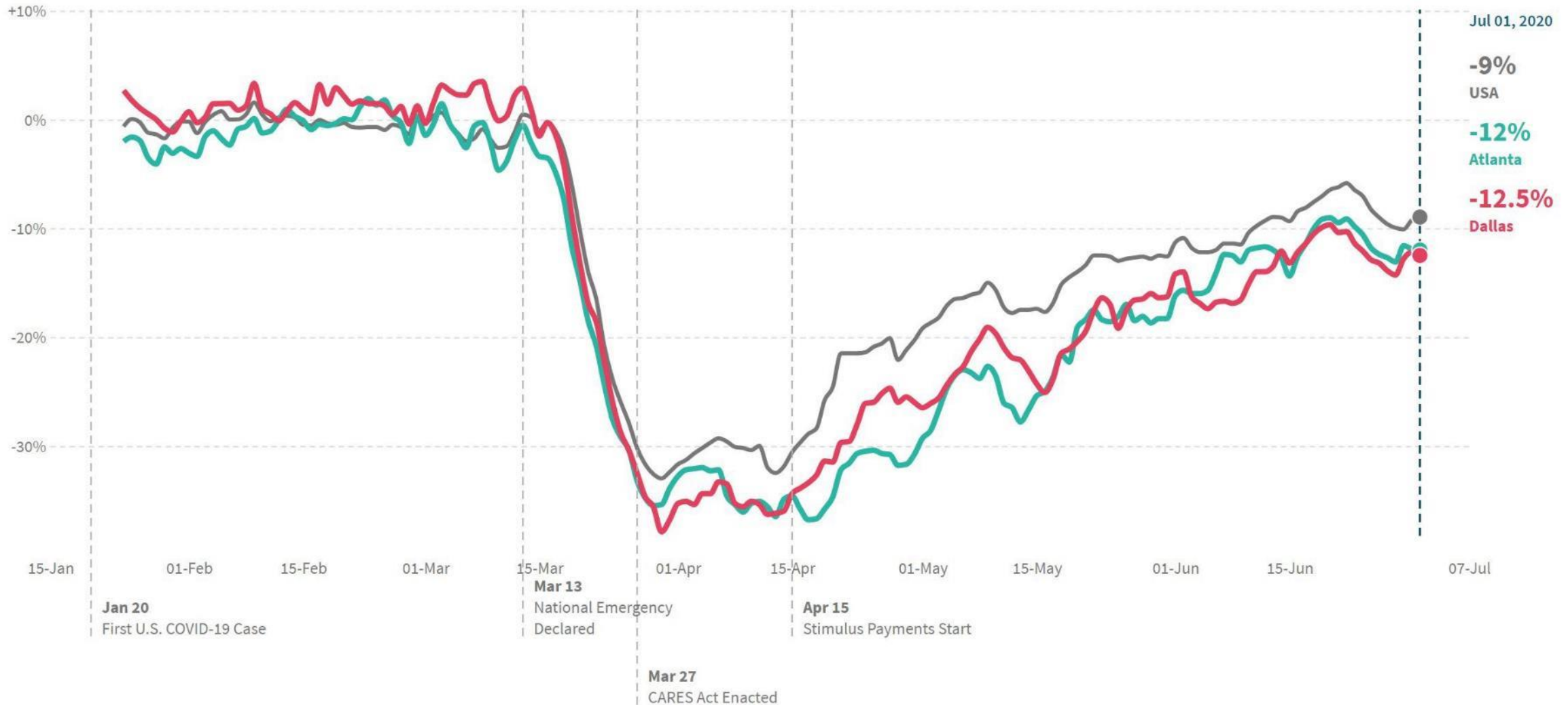


Source: Opportunity Insights (Womply)

Consumer Spending Down

In **Atlanta**, as of July 01 2020, total spending by all consumers decreased by **12%** compared to January 2020.

DOWNLOAD CHART 



Source: Opportunity Insights (Affinity Solutions)

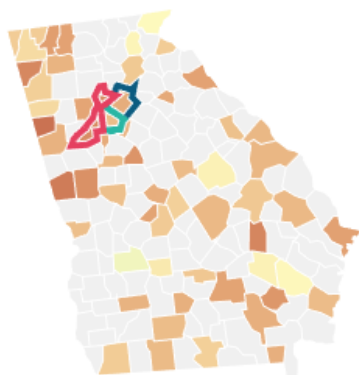
Low Income Zip Code Earnings

view: National States Counties Metros

☐ show state figures ☐ show all subcategories ☐ show all counties ☒ show key dates ⓘ

Percent Change in Earnings among Low-Income Workers ⓘ

Georgia



-100% -80 -60 -40 -20 0 +20 +40 +60 +80 +100% NA

Total

☐ All

Industry

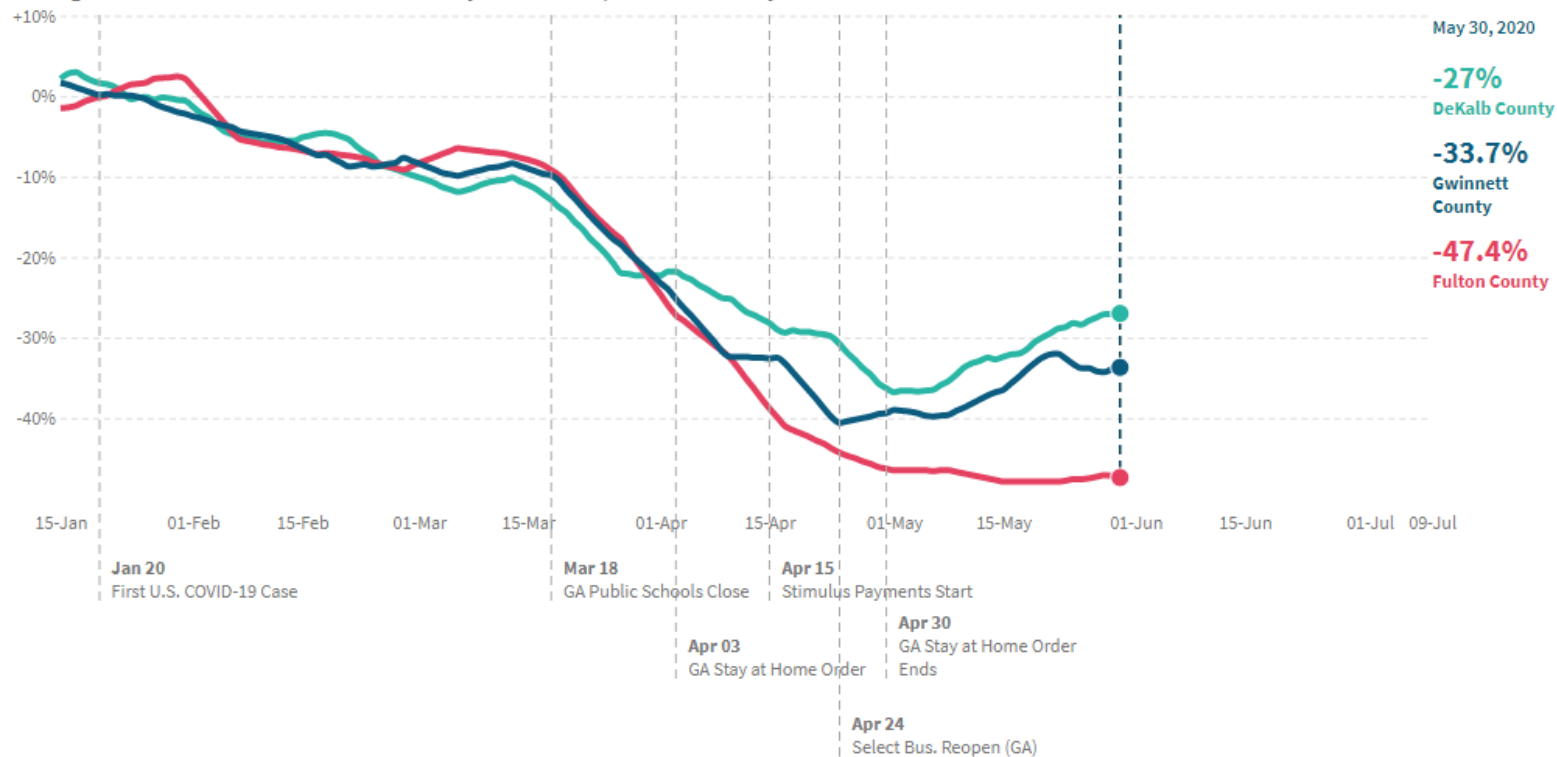
- ☐ Manufacturing
- ☐ Retail
- ☐ Transportation
- ☐ Health & Social Assista...
- ☐ Restaurants & Hotels

Work ZIP Income

- ☐ High Income
- ☐ Middle Income
- ☒ Low Income

In **Gwinnett County**, as of May 30 2020, earnings among low-income workers working in low income ZIP codes decreased by **33.7%** compared to January 2020.

DOWNLOAD CHART



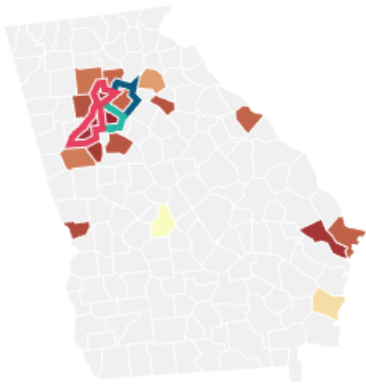
regions



Low Income earnings in HIGH Income Zip Codes

Percent Change in Earnings among Low-Income Workers ⓘ

Georgia



-50% -40 -30 -20 -10 0 +8 +12 +18 +24 +30% NA

Total

☐ All

Industry

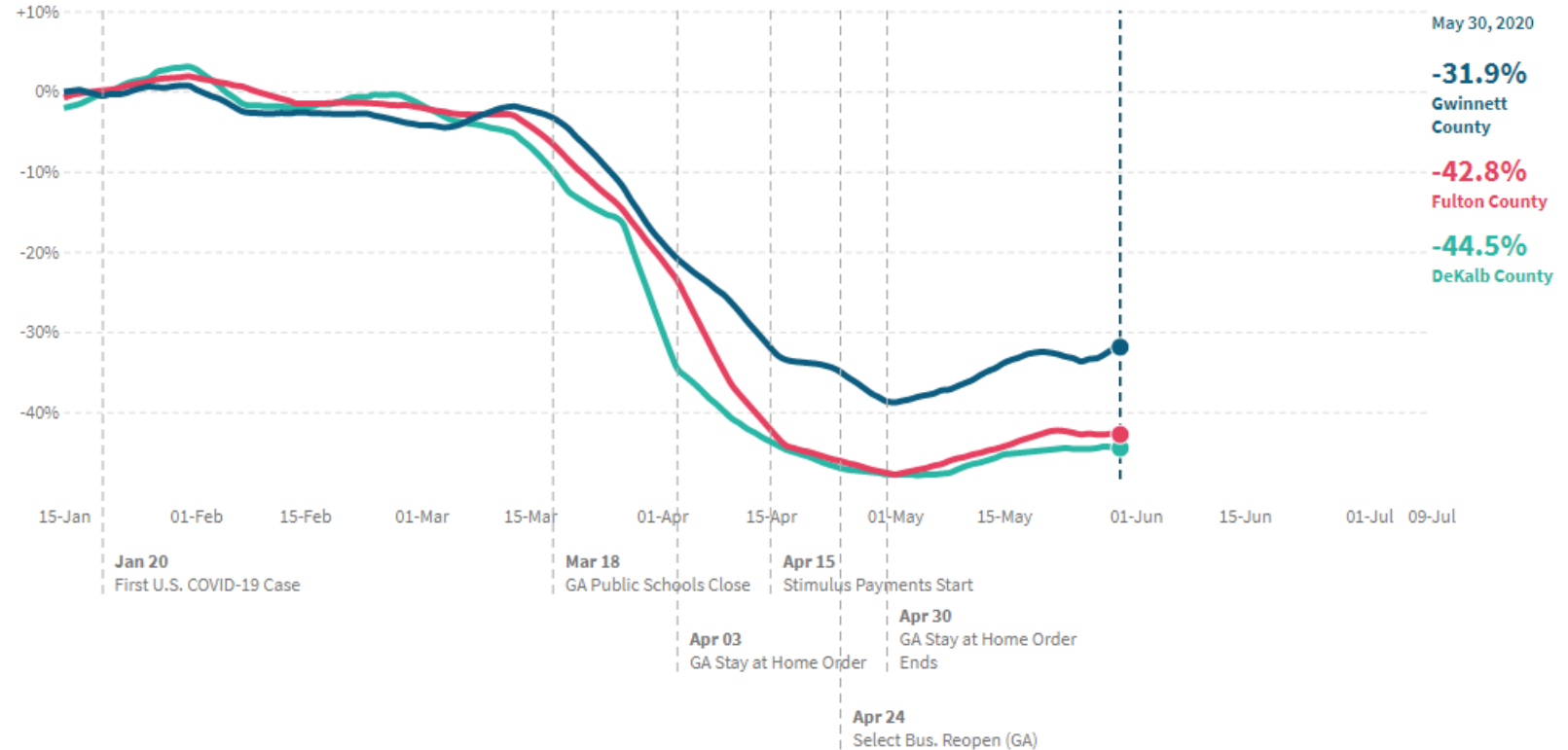
- ☐ Manufacturing
- ☐ Retail
- ☐ Transportation
- ☐ Health & Social Assista...
- ☐ Restaurants & Hotels

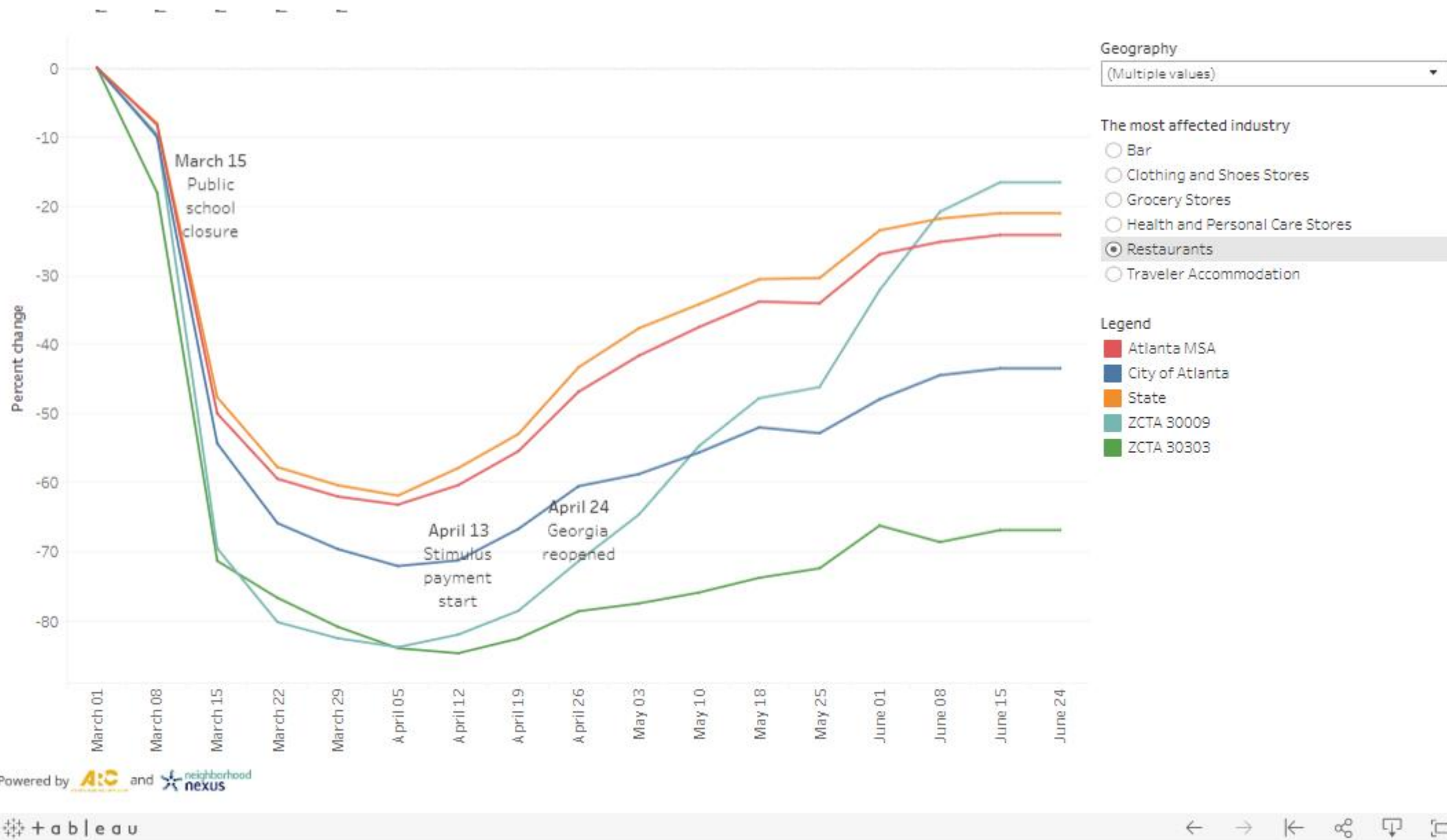
Work ZIP Income

- ☒ High Income
- ☐ Middle Income
- ☐ Low Income

In **Gwinnett County**, as of May 30 2020, earnings among low-income workers working in high income ZIP codes decreased by **31.9%** compared to January 2020.

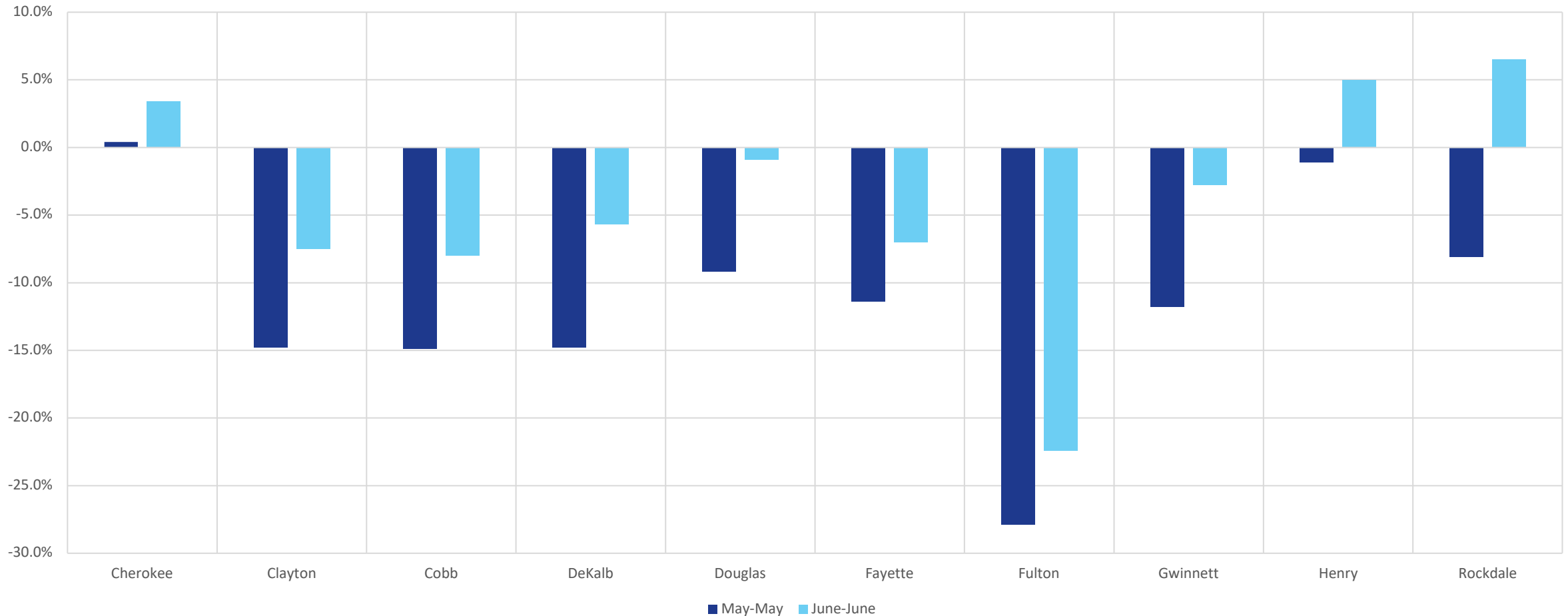
DOWNLOAD CHART





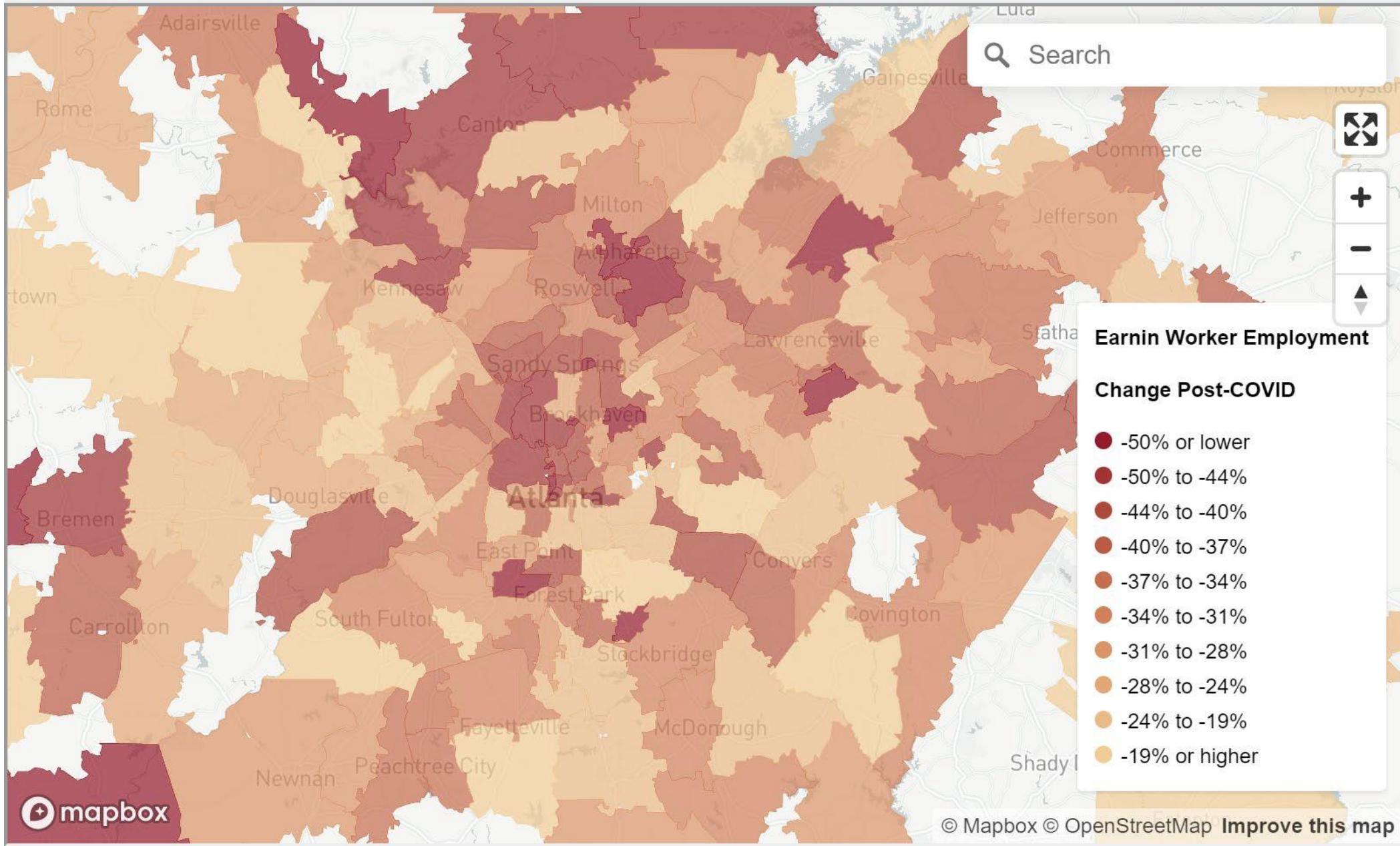
Local Government Revenues Taking A Hit

Year over Year Percent Change in Sales Tax Distributions



Source: Georgia Department of Revenue "Sales Tax Commodity Report" Accessed July 7 2020 via georgiadata.org

Low-Income Employment Declining Everywhere

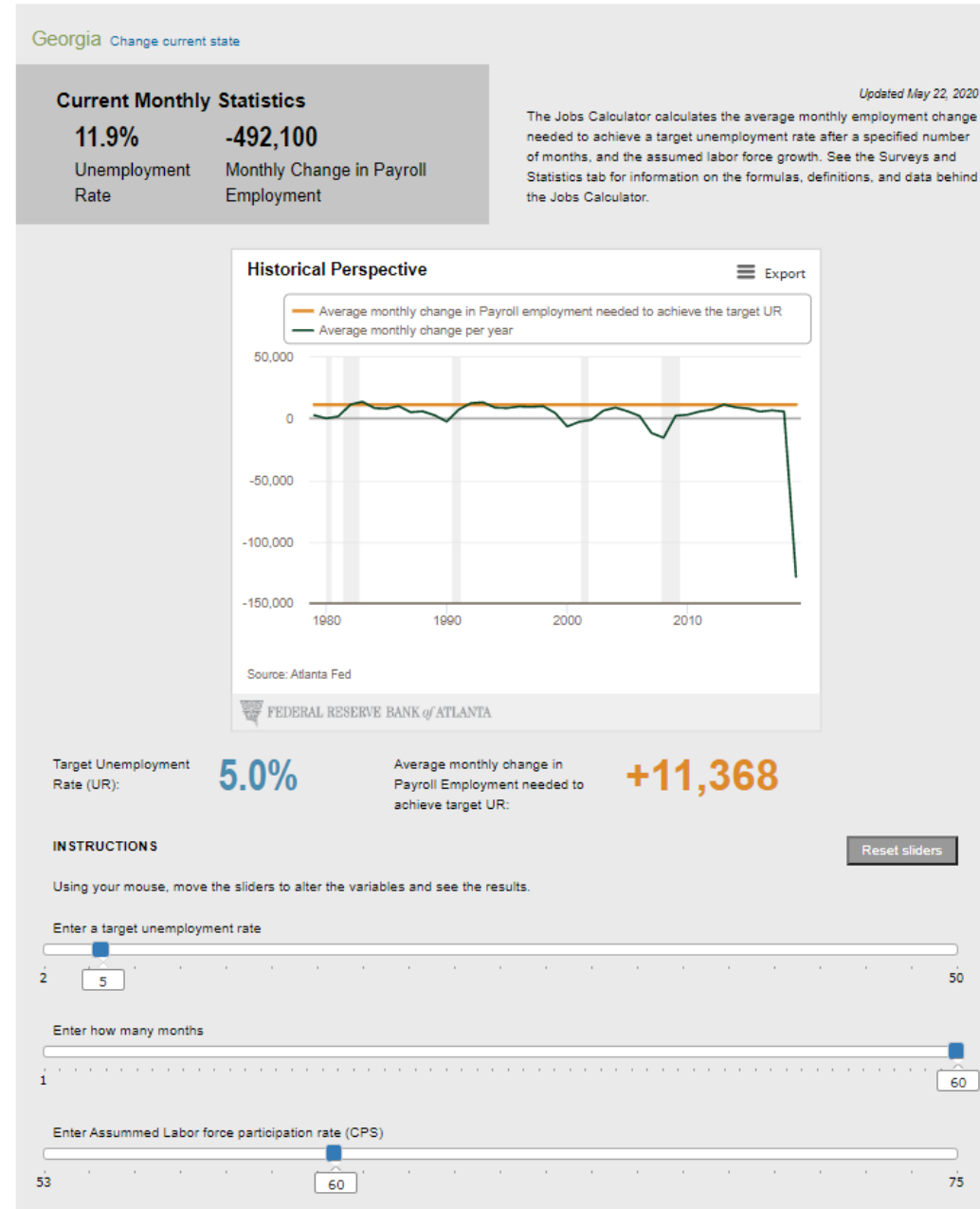


The Monthly Jobs Calculator.....

<https://www.frbatlanta.org/chcs/calculator>

Georgia average approximately
7000 new jobs per month from
2010 to 2019 (April)

Georgia lost **-492110** YoY April
2019 to April 2020

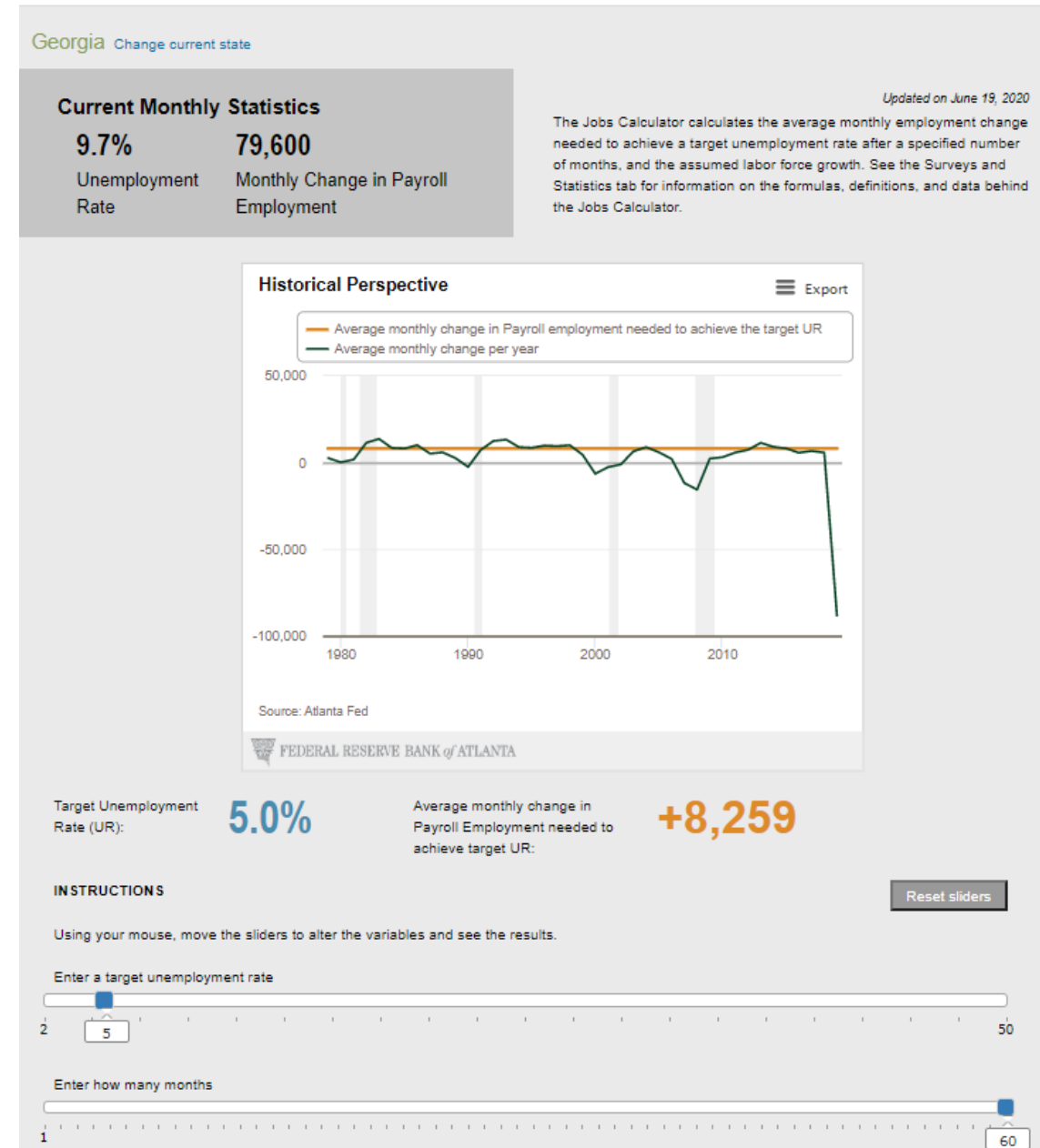


The Monthly Jobs Calculator A MONTH LATER

<https://www.frbatlanta.org/chcs/calculator>

Georgia average approximately **7000** new jobs per month from 2010 to 2019 (April)

Georgia lost **-492110** YoY April 2019 to April 2020



Moody's May Forecast for Metropolitan Atlanta

Key Indicators

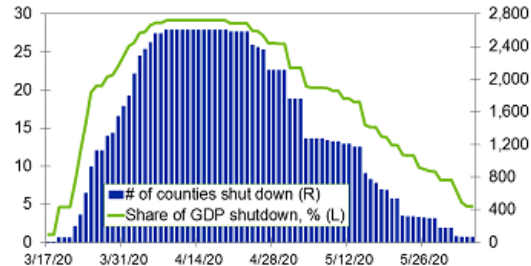
	2013
Gross Metro Product, C\$B	282.8
% Change	2.1
Total Employment (000)	2,414.5
% Change	2.6
Unemployment Rate	7.8
Personal Income Growth	1.7
Population (000)	5,510.5
Net Migration (000)	28.5
Single-Family Permits	14,864.0
Multifamily Permits	9,473.0
Mortgage Originations (\$Mil)	31,861.4
Personal Bankruptcies	34,412

	2020	2021	2022	2023	2024
Gross Metro Product, C\$B	329.6	339.4	365.3	384.3	396.0
% Change	-5.3	3.0	7.6	5.2	3.0
Total Employment (000)	2,695.1	2,679.3	2,794.3	2,896.5	2,948.3
% Change	-5.4	-0.6	4.3	3.7	1.8
Unemployment Rate	7.8	7.8	7.6	6.6	6.4
Personal Income Growth	1.7	1.7	1.7	6.6	5.2
Population (000)	5,510.5	5,510.5	5,510.5	6,341.0	6,405.6
Net Migration (000)	28.5	28.5	28.5	34.3	33.6
Single-Family Permits	14,864.0	14,864.0	14,864.0	40,759.2	39,902.0
Multifamily Permits	9,473.0	9,473.0	9,473.0	18,373.6	16,709.4
Mortgage Originations (\$Mil)	31,861.4	31,861.4	31,861.4	32,464.4	30,837.4
Personal Bankruptcies	34,412	34,412	34,412	31,114	33,196

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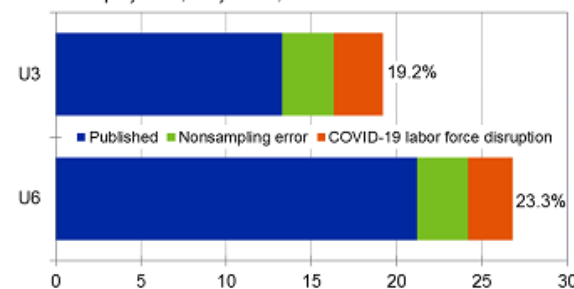
U.S. Lockdowns Winding Down

Share of GDP and # of counties shut down



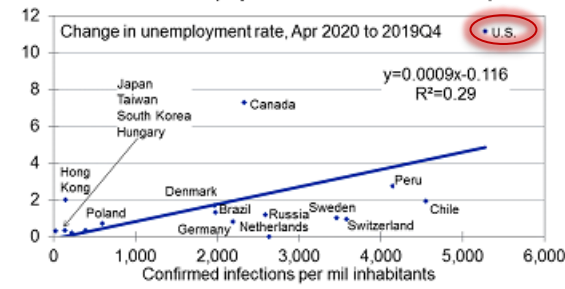
U.S. Job Market Suffers More Than Others

U.S. unemployment, May 2020, %



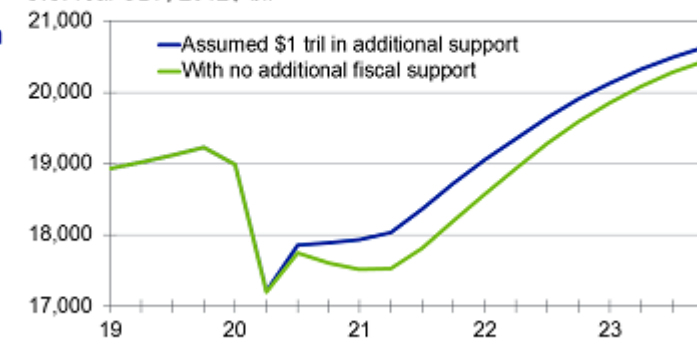
More Infections, Worse Economic Downturn

For countries with unemployment rate data available for Apr 2020



Double-Dip Recession Without More Fiscal Support

U.S. real GDP, 2012\$ bil





Preliminary Economic Update

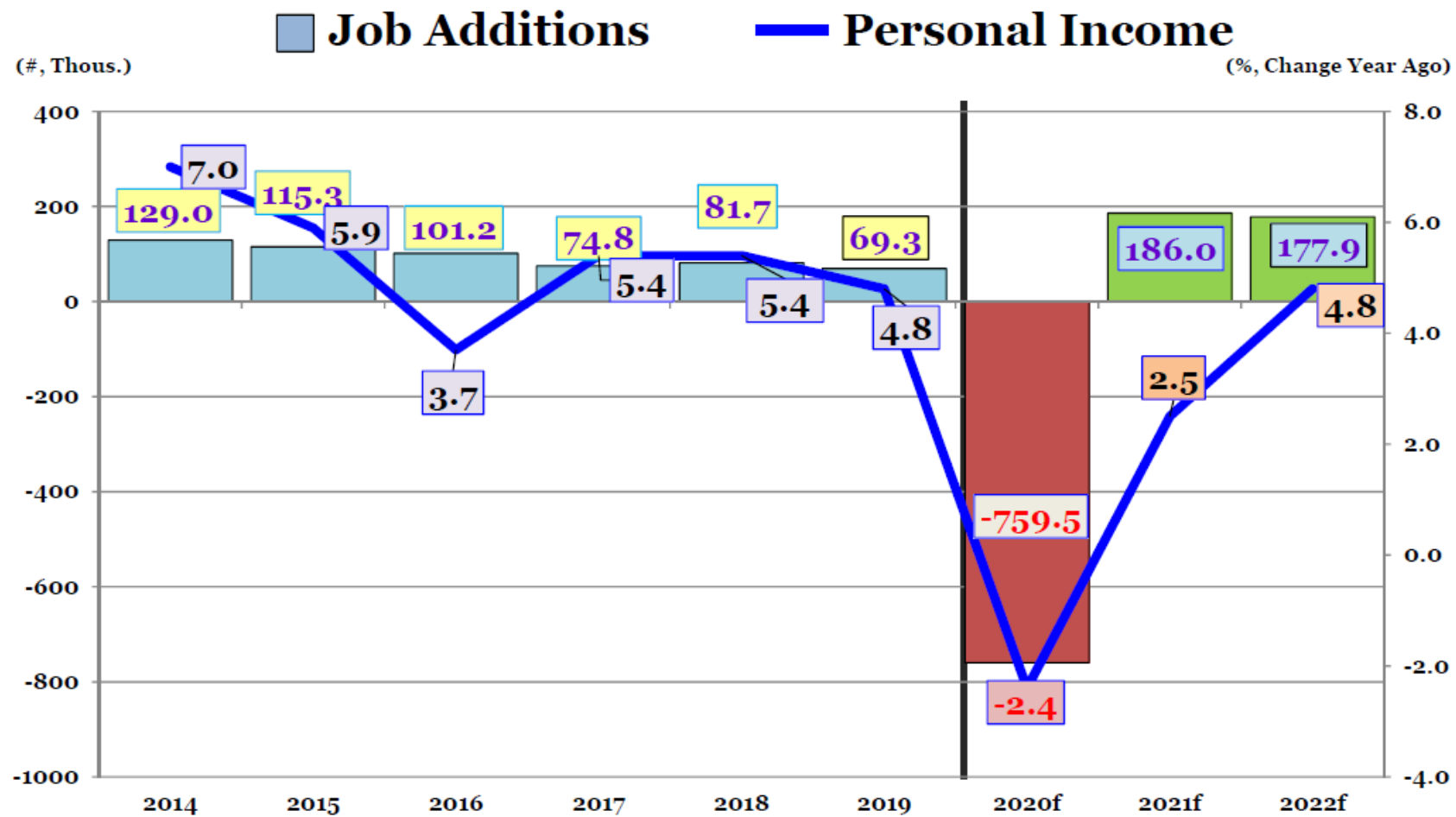
DR. RAJEEV DHAWAN
DIRECTOR

*Presented at the Bi-Annual Sponsor Seminar
Via Webex • May 27, 2020*

Economic Forecasting Center



Georgia Forecast



Economic Forecasting Center



Perspectives About Five Years from Now...

“The shift towards remote work can potentially help better-educated senior citizens the most enabling them to perform many jobs from the comfort of their homes or to participate in the so-called gig economy.”

- Mauro Guillén Professor Wharton School; Author 2030: How Today’s Biggest Trends Will Collide and Reshape the Future of Everything

“In five years many of us will still be working from office settings but we will do so less often with trepidation”

- Melissa Gregg Chief technologist User Experience and Sustainability for Client ComputingIntel

“This is the time to build a new social contract between business and society and to rebuild the economy in a more inclusive equitable and regenerative way.”

- Anthea Kelsick Co-CEO B Lab US and Canada

“Be prepared to see entirely new planned communities pop up that are built with the intention of balancing the demand for open space with the need for urban amenities.”

- Steve Nygren Founder and CEO Serenbe

“The pandemic (hopefully) has given us urgency to value and protect low-wage work in America in a whole new way.”

- Ai-Jen Poo Director National Domestic WorkersAlliance

“The next five years need to be a time of drastic reengineering of our systems and structures to eliminate health disparities and know that in crisis we have the ability to ensure that resources and care are allocated equitably.”

- Esther Choo Associate Professor Center for Policy & Research in Emergency Medicine Oregon Health & Science University

<https://qz.com/is/new-normal/>

Questions and THANK YOU!!!



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