UNIVERSITY OF HAWAI'I
MĀLAMALAMA
UA MAU KE EA O KA 'ĀINA I KA PONO
1907

UHERO

THE ECONOMIC RESEARCH ORGANIZATION
AT THE UNIVERSITY OF HAWAI'I

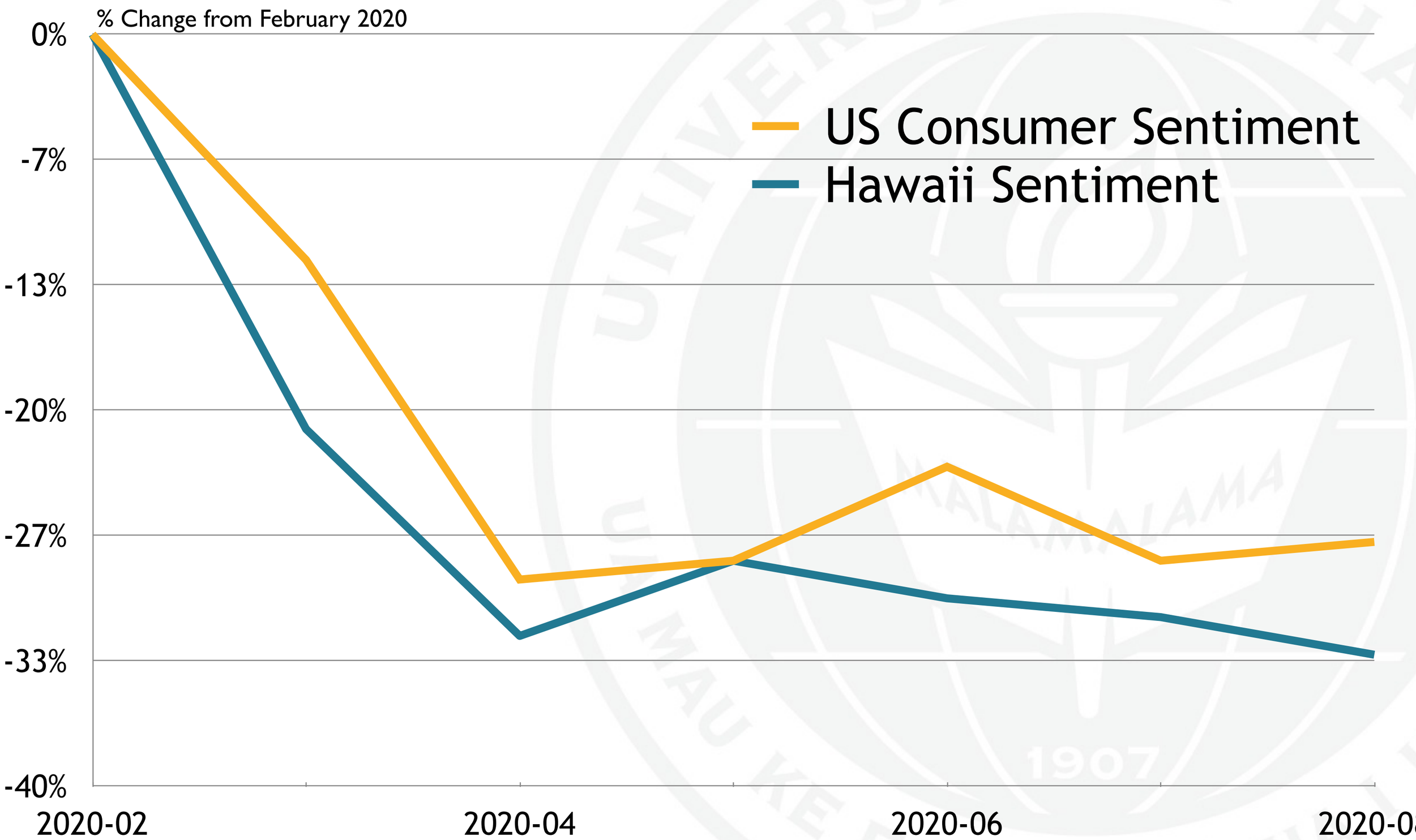
Hawaii Select Committee Update

Dr. Carl Bonham
Executive Director, UHERO

September 14, 2020

Consumers retreat when coronavirus surges

US vs Hawaii Consumer Sentiment



Source: University of Michigan, Survey of Consumers; Morning Consult Survey

State initial claims on the rise again

Hawai'i High Frequency Economic Data

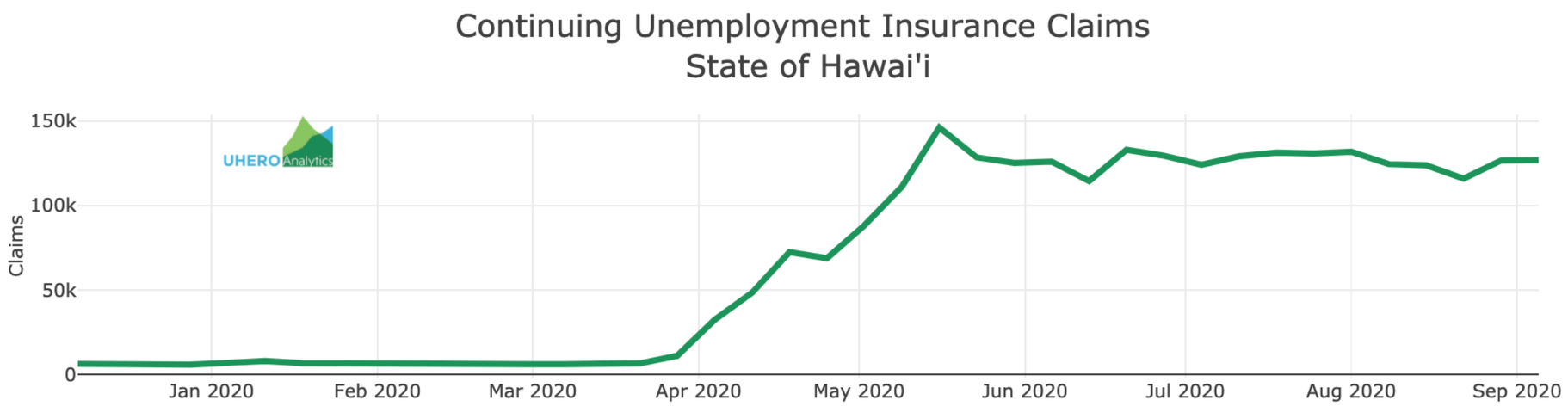
- COVID-19 Cases
- Unemployment Claims

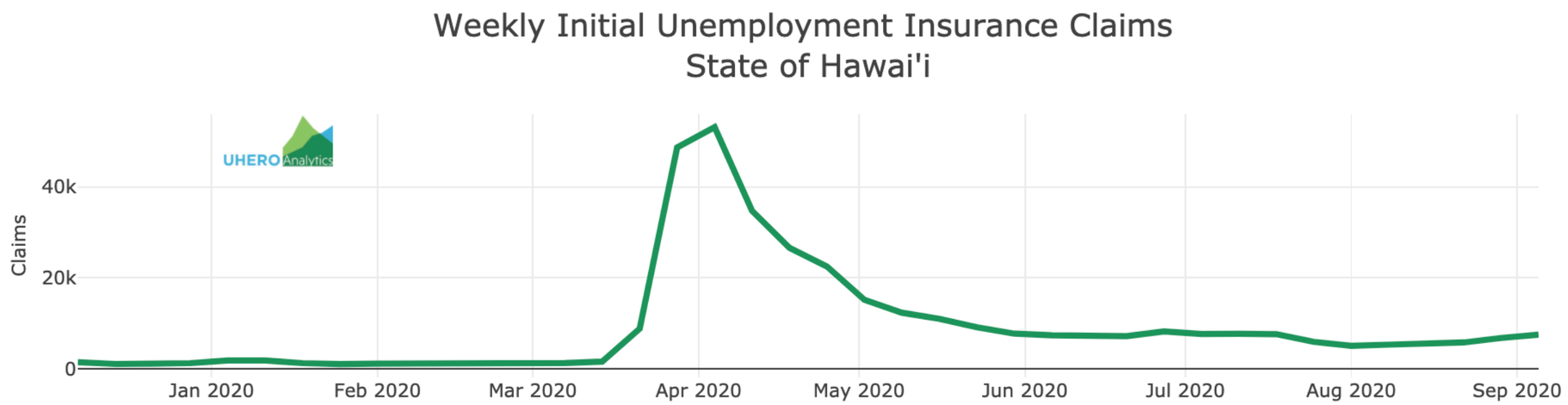
Area: State

- Bankruptcies
- Mortgage Payments
- Job Postings
- Passenger Count
- Google Mobility Trends
- Small Business Activity
- Open Table Restaurant Activity

UHERO Analytics

Built by J.Tyndall





Select Date Range:

2000-08-19 — 2019-12-01 — 2020-09-05

2000-08-19 2002-08-22 2004-08-24 2006-08-27 2008-08-29 2010-09-01 2012-09-03 2014-09-06 2016-09-08 2018-09-11 2020-09-05

Download Data

Source: Hawai'i Department of Labor and Industrial Relations and UHERO.

Source: https://uheroanalytics.shinyapps.io/highfrequency/?t=claims

For economy to recover, we must control the virus

7-Day Avg of New Cases

Region: State

121.7

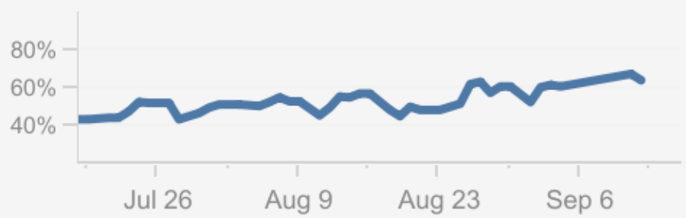
As of Sep 13

ICU Occupancy Rate

State Value

65%

As of Sep 12

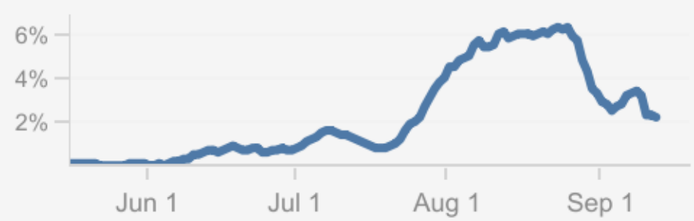


7-Day Avg of % Tests Yielding Positive Results

Region: State

2.3%

As of Sep 12

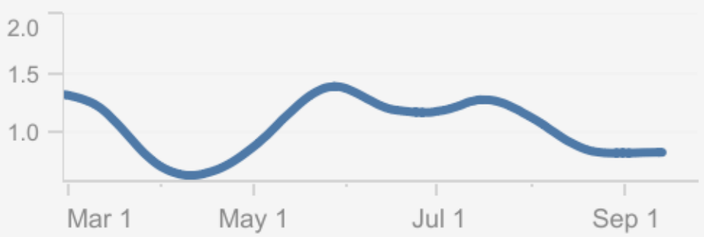


Rate of Transmission

State Value

0.85

As of Sep 12

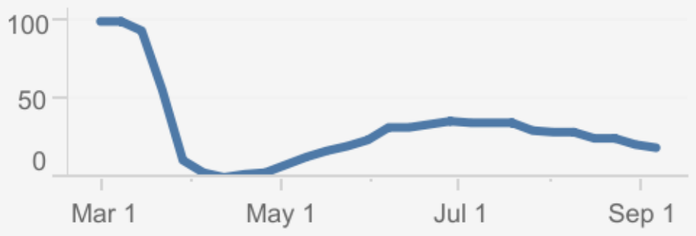


UHERO Economic Pulse Index

State Value

19 ↓

As of Sep 5



Top 5 Activities Driving Rate of Infection

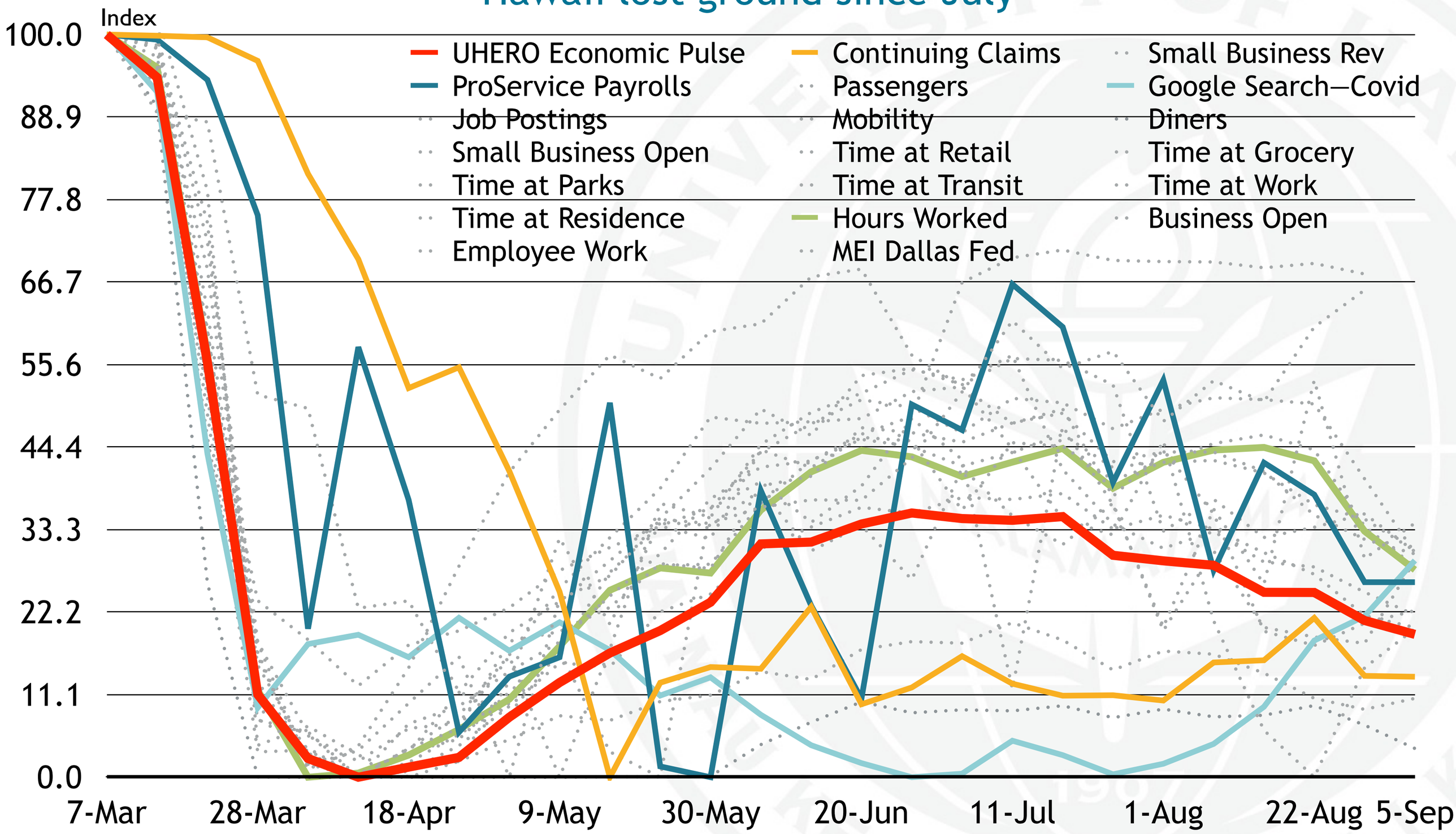
Mode of Transmission	Cases	Clusters
Community	2,302	
Travel/Travel-Associated	517	
Congregate Living	416	30
Funeral	75	2
School	43	1
Office	42	2

**Clusters under investigation as of 8/27*

Source: CovidPau.org

UHERO Economic Pulse— a new coincident index for Hawaii

Hawaii lost ground since July

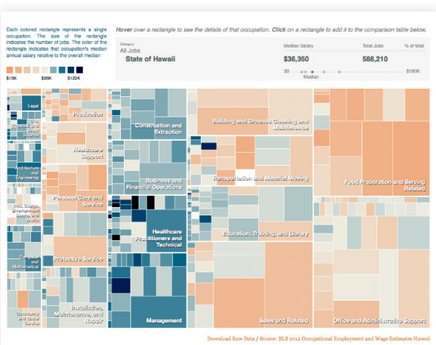


Source: https://uhero.hawaii.edu/nowcasting-the-trajectory-of-the-covid-19-recovery-the-weekly-uhero-economic-pulse/
https://data.uhero.hawaii.edu/#/category?sa=true&start=2020-02-29

Mission & Focus

Conduct rigorous, independent economic research on issues that are both central to Hawai‘i and globally relevant.

- Analytics
- Energy Policy & Planing
- Environmental Policy & Planning
- Forecasts
- Housing
- More to come



Analytics

The UHERO Analytics team uses data to generate economic insights that are important to Hawai‘i. By leveraging large data resources, we provide unbiased analysis of economic issues. We communicate findings through data visualizations, public data repositories and clear economic analysis.

Energy Policy and Planning Group

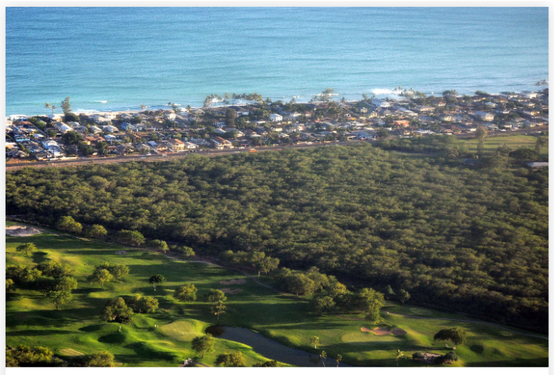
UHERO fellows conduct research to evaluate impacts of past and prospective energy-related policies, and engage with policymakers and stakeholders on contemporary and emerging energy issues, such as renewable energy and associated clean air goals, energy efficiency, electric vehicles, and carbon taxes.

Environmental Policy and Planning Group

The UHERO Environmental & Policy Planning Group partners with government, non-profit, business, and community groups to address Hawai‘i’s key environmental policy challenges. To do so we employ a diverse set of interdisciplinary methods and tools to study the interconnection between human and natural systems with the purpose of contributing to more effective decision making. We specifically work in the linked areas of water, energy, food systems, watersheds, and coastlines, where an overarching theme is how to mitigate and adapt to land use and climate change and their effects on these systems.

Forecast

UHERO Forecasts provide the Hawaii community with analysis of economic trends in the State and the Asia-Pacific region.



Housing

The UHERO Housing Policy Group provides rigorous analyses to inform debates regarding housing in Hawai‘i, with a focus on the high housing cost burdens experienced by the State’s residents. This problem is multiscalar in its origins and thus requires a bundle of analyses ranging from longitudinal portraits of the State’s housing market, to estimates of the impact of housing costs on diverse communities, to objective evaluations of proposed policy solutions.

UHERO.data

- At a Glance
- Employment
- Visitor Industry
- Income
- Construction & Housing
- External Indicators
- Population
- Prices
- State Revenue
- County Revenue & Expenditures
- Consumer Finance
- Analyzer (4)
- About

Built By UHERO Analytics

Analyzer

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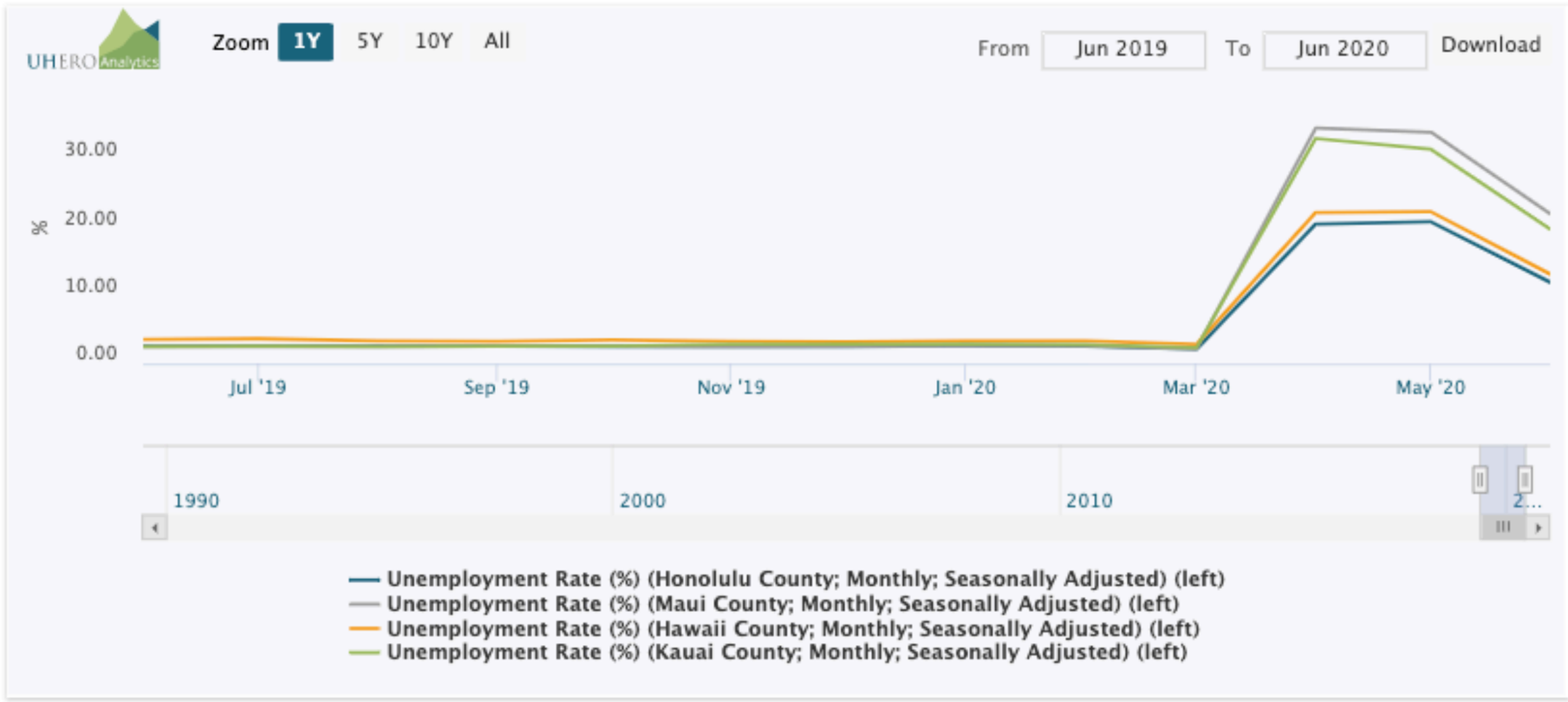

Tooltip Display: ☐ Series Name ☐ Units ☐ Geography

☐ Year/Year ☐ Year-to-Date Download CSV

	2020-02	2020-03	2020-04	2020-05	2020-06
Unemployment Rate (%) (H...	2.6	2.2	20.6	20.9	12.0
Unemployment Rate (%) (M...	2.7	2.2	34.7	34.1	22.1
Unemployment Rate (%) (H...	3.4	2.9	22.3	22.4	13.2
Unemployment Rate (%) (K...	2.8	2.4	33.2	31.6	19.8

*Scroll to the right for additional statistics

	Date Range	Minimum Value	Maximum Value
Unemployment Rate (%) (H...	2019-06 - 2020-06	2.2 (2020-03)	20.9 (2020-05)
Unemployment Rate (%) (M...	2019-06 - 2020-06	2.2 (2020-03)	34.7 (2020-04)
Unemployment Rate (%) (H...	2019-06 - 2020-06	2.9 (2020-03)	22.4 (2020-05)
Unemployment Rate (%) (K...	2019-06 - 2020-06	2.4 (2020-03)	33.2 (2020-04)