#### **Virtual Event**

Applying Business & People Strategies in a New Labor Market

#### **Employment & Top Occupation Forecasts**

Dr. Sam Chandan Silverstein Chair & Dean of the NYU Schack Institute; Founder of Chandan Economics





Jay Denton SVP, Business Intelligence and Chief Innovation Officer ThinkWhy LLC

# Labor of by Think Why

LaborIQ delivers answers to guide businesses forward

- Industry & location performance and forecasts
- Salary answers for 20,000 jobs
- Benchmark individual and team salaries
- Recovery tracker





### Adapting Business & People Strategies in a New Labor Market Employment & Top Occupations Forecasts



## Dr. Sam Chandan

Silverstein Chair & Dean of the NYU Schack Institute; Founder of Chandan Economics Biography at www.samchandan.com



## Adapting Business & People Strategies in a New Labor Market Employment & Top Occupations Forecasts



## **Jay Denton**

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## The Recovery Continues

What we'll cover today

- 1. Current labor market conditions
- 2. Hiring and talent supply
- 3. Recovery outlook by location and industry

4. Q&A



## Current Labor Market Conditions



#### **Economy in Recession**



Source: LaborIQ® by ThinkWhy, St Louis Fed, Bureau of Economic Analysis, WSJ; Advance Estimate Through Q1 2020, WSJ Survey as of July 2020



#### Weekly Initial Claims In Millions



Source: LaborIQ® by ThinkWhy, US Employment & Training Administration; Through August 8th, 2020

1.2

1.0

0.8

0.6

0.4

0.2

www

Ratio of Job Openings to Unemployed Persons

0.0 2009 2007 2008 2010 2012 2015 2016 2017 2018 2019 2005 2006 2011 2013 2014 2020 LaborlQ

NMMN

Employment Loss and Time to Recovery During and Following Recession



Employment Loss and Time to Recovery During and Following Recession



Source: LaborIQ® by ThinkWhy, Bureau of Labor Statistics; Through July 2020

# Hiring and Talent Supply



#### Hiring by Industry Each of these industries hired more than 1M people in a four-month span.

Industry	Hires in Millions Mar - Jun	
Leisure and hospitality	4.3	
Professional and business	4.0	
services	Τ.Ο	
Retail trade	3.3	
Health care and social	2.7	
assistance		
Construction	1.8	
Manufacturing	1.6	
Government		
All-Industry Total (nonfarm)	23.0	



Source: LaborIQ® by ThinkWhy; Bureau of Labor Statistics

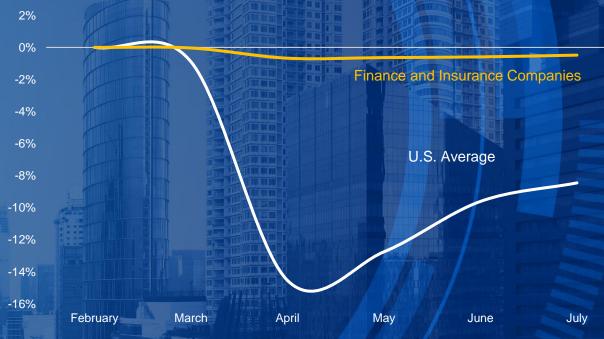
#### **Resilient Businesses**

These orgs have approximately as many, or more jobs now as they did in February 2020:

- Couriers and messengers
- General merchandise stores
- Building material and garden supply stores
- Federal government
- Computer and peripheral equipment
- Food and beverage stores
- Securities, commodity contracts, investments
- Insurance carriers

Others within 2% of February 2020's level:

- Computer and electronic products
- Scientific research and development
- Utilities
- Hospitals



#### Change in Employment Since February



Source: LaborIQ® by ThinkWhy; Bureau of Labor Statistics

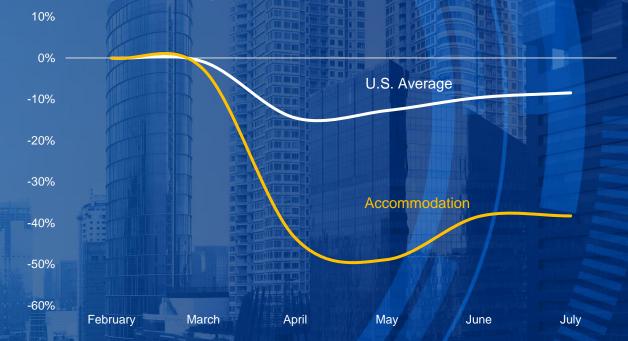
## **Businesses Severely Impacted**

These orgs have employment levels that are down roughly 30%-50% since February:

- Motion picture and sound recordings
- Performing arts and spectator sports
- Accommodation
- Transit and ground passenger transportation
- Amusements, gambling, and recreation
- Motor vehicles and parts

#### These are down 20%-30%:

- Paper and paper products
- Support activities for mining
- Air transportation
- Food services and drinking places
- Child day care services



#### Change in Employment Since February



abor Statistics

# Supply and Demand by Job Title Example for Dallas

Individual job titles have been impacted by varying degrees depending on how industries have been disrupted by the pandemic.

Parts of the retail industry have experienced major challenges, even before COVID-19, which has caused a surplus of talent for many roles.

Many technology jobs, such as data science, have fared better to this point.

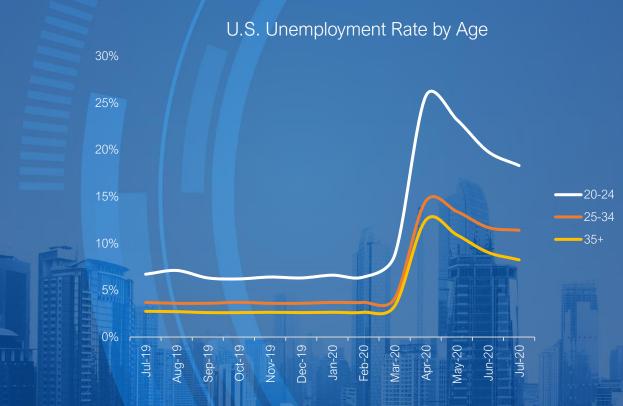


Talent Supply Index



Source: LaborIQ® by ThinkWhy; Supply and demand by job title based on median education and experience for the metro location

#### **Entry-level Workers Face Challenges**



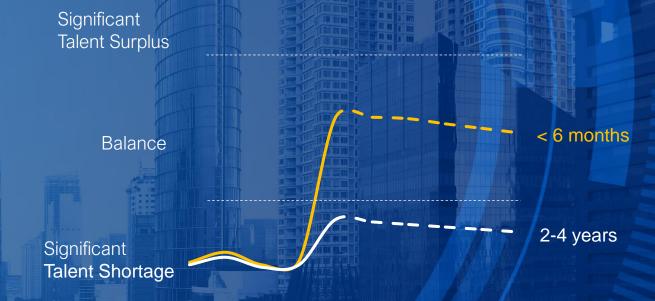
The current economic environment is having an out-sized impact on younger workers, posing challenges for those searching for entry-level positions.



Source: LaborIQ® by ThinkWhy, Bureau of Labor Statistics

### Supply and Demand by Job Title Impact of experience

Even for the highly in-demand role of data scientist, there is a large gap in available talent when comparing those fresh out of school and those who a few years of experience. Talent Supply Index by Experience Level Data Scientist With Master's Degree - Dallas



2016 2017 2018 2019 2020 2021 2022 2023 2024 2025



# Recovery Outlook



#### Key Influences for Latest Forecast

- COVID-19 count rise through July
- Approaching cold/flu season
- Disruptions from re-start of school
- Impacts we can already anticipate for fall/winter

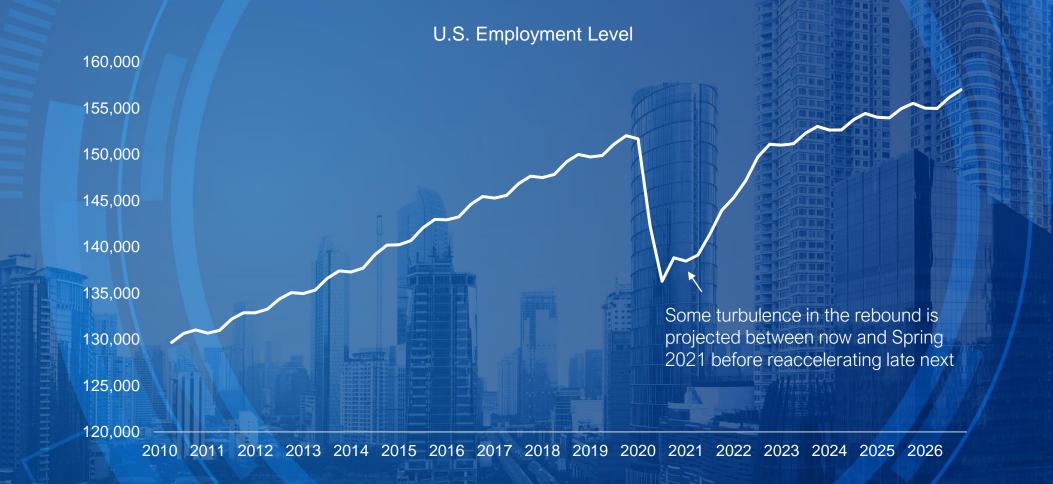


### Outlook for Remainder of 2020

- Slower growth than the record months earlier in summer
- Potential major disruptions in college towns
- Companies will continue to evaluate revenue strategies and hiring needs
- Stimulus and vaccine progress will stay in the headlines



### U.S. Employment Projected to Fully Recover by 2023





Source: LaborIQ® by ThinkWhy, Bureau of Labor Statistics; Forecast based on trailing two-quarter average to remove some seasonality

#### Forecast by Industry When will industries be back to pre-pandemic levels? The U.S. average is 2023, but it is being pulled back by a few sectors.

Year that Employment Returns to 2019 Level

2	2022	2023	2024	2025	2026+
	Construction	Manufacturing		Government	Leisure and Hospitality
	Education	U.S. Average			Mining and Logging
	Financial Activities				
h	Healthcare				
	Information Professional and Business Trade, Transportation, Utilities				



Source: LaborIQ® by ThinkWhy; Bureau of Labor Statistics

#### Timeline to Full Recovery by Location

Fastest to recover (2022): Atlanta Dallas Denver Phoenix

Next wave (2023): Austin Charlotte Seattle San Francisco Later to recover (2024): Chicago New York Orlando San Diego

Major lag to U.S. Avg (2025 or later): Las Vegas Honolulu



Source: LaborIQ® by ThinkWhy

# **Final Thoughts**



We are here to provide support through the recovery with Talent Solutions & Market Opportunity insights.

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