

Future of A.I.



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Overview

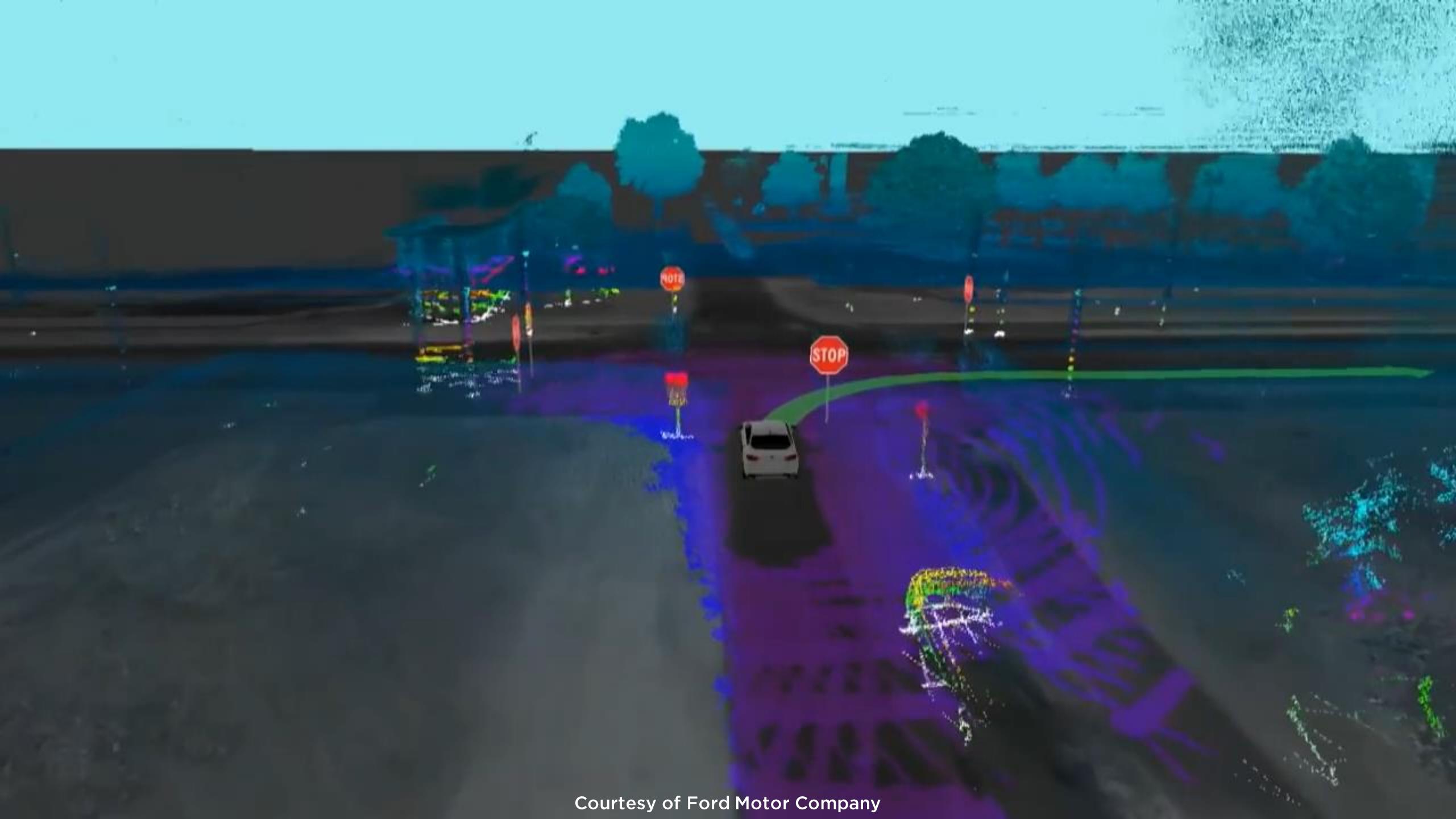


A.I. and Society

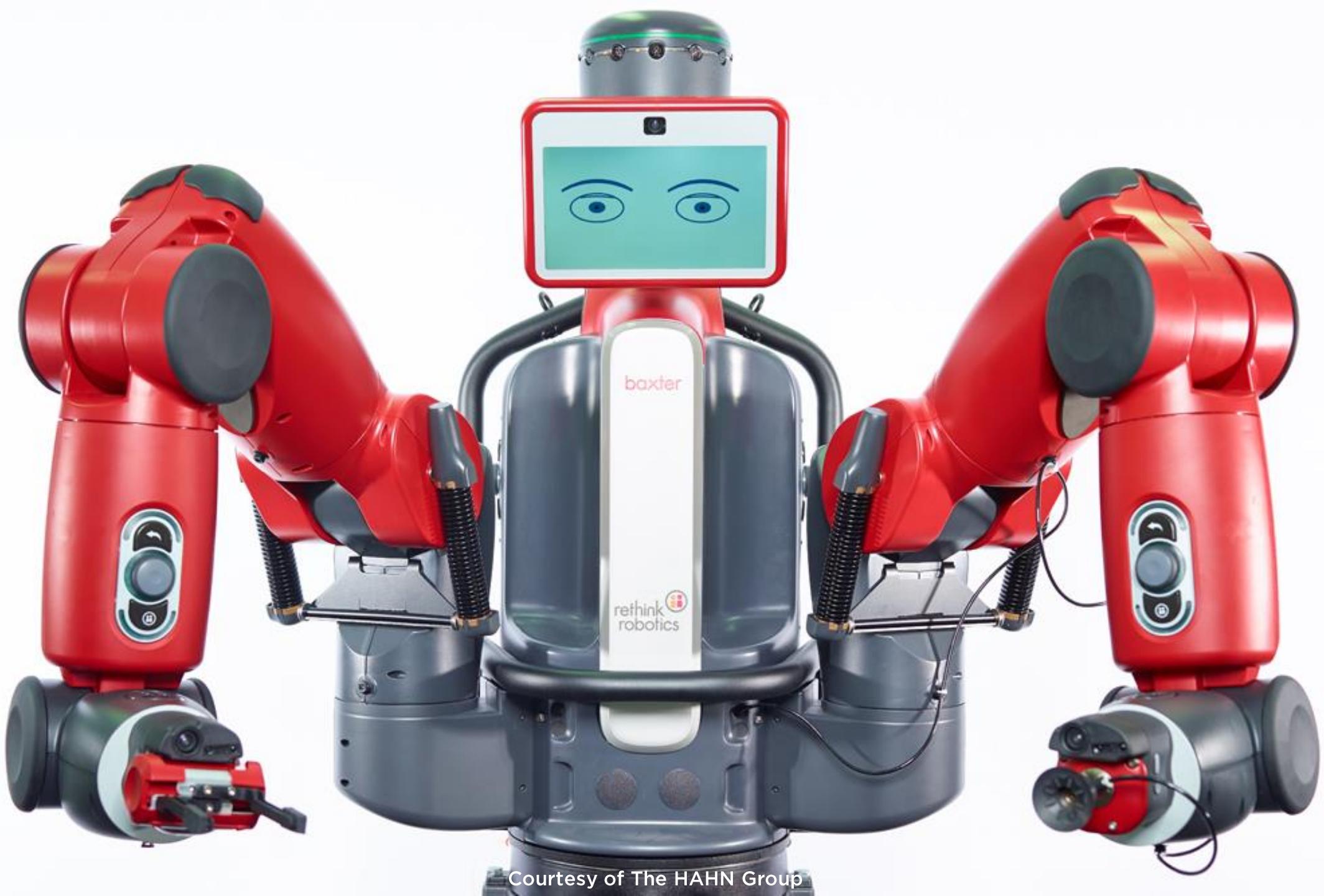
A.I. and Labor

A.I. and Ethics

A.I. and Society



Courtesy of Ford Motor Company



Courtesy of The HAHN Group



REMOTE HOME CONTROL

ONLINE HOME AUTOMATION



CLIMATE



LIGHTING



SECURITY



ENTERTAINMENT



ECO MODE

NORMAL

OFF







A.I. will be as common
as electricity is today.

Impacts of A.I.

Social

Political

Economic

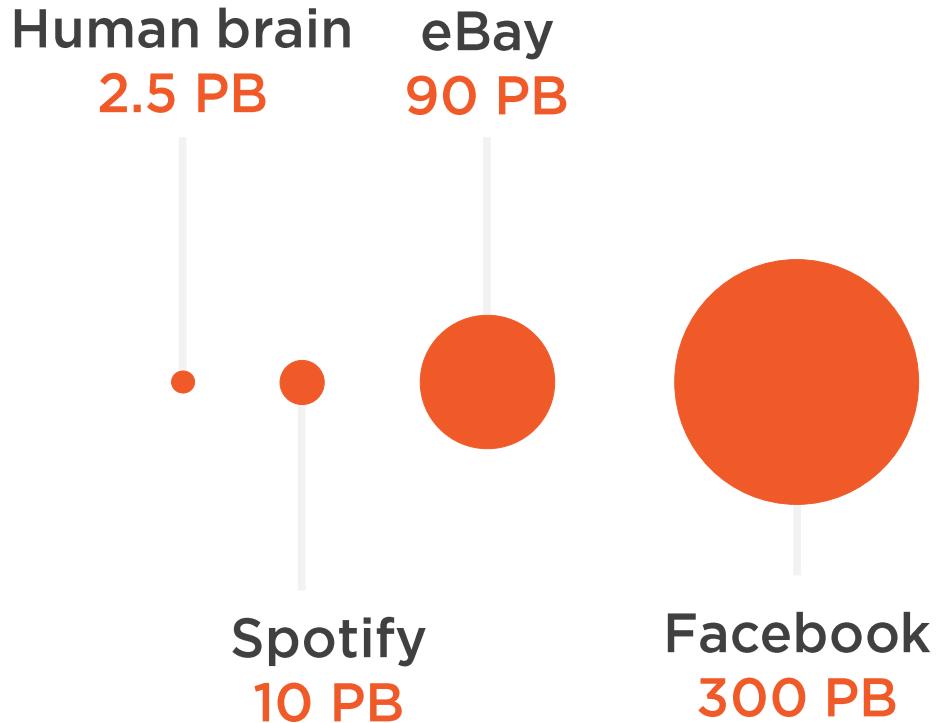
Legal

Ethical

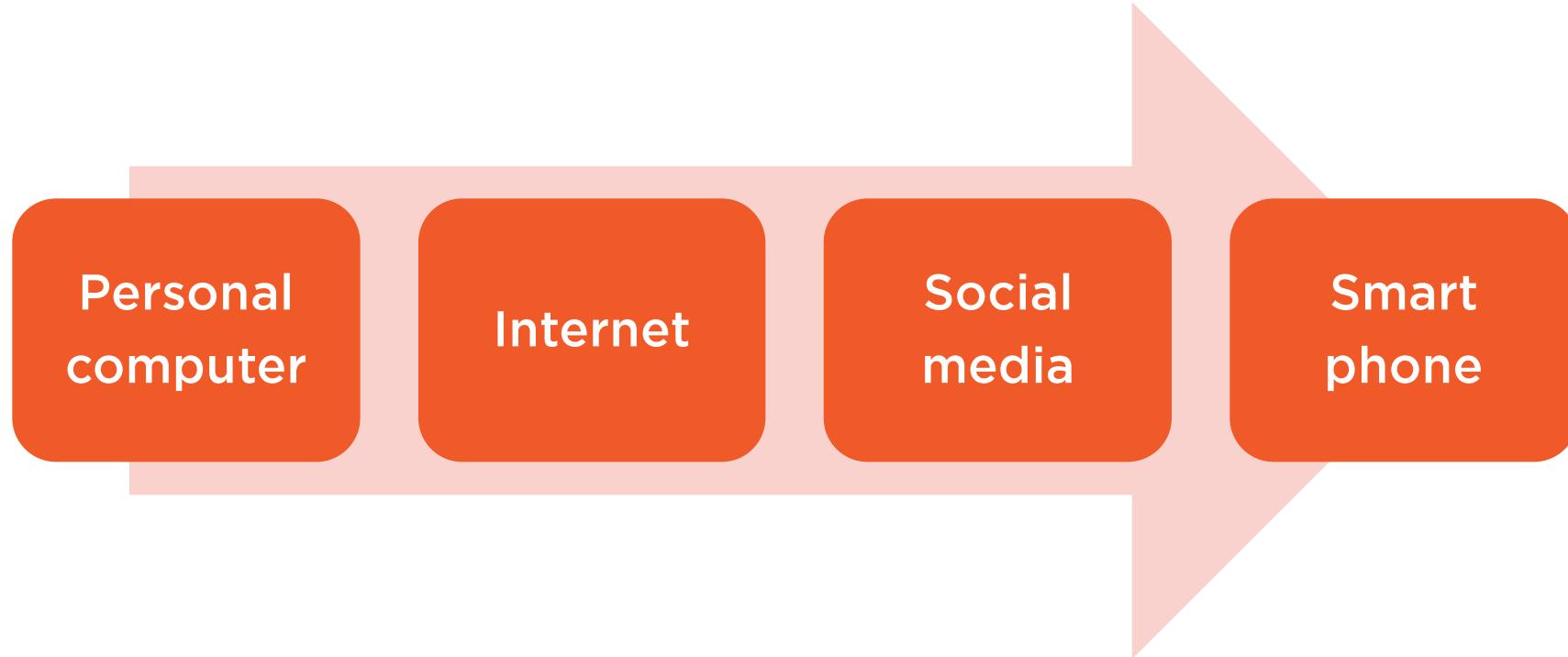


The Big Data Universe

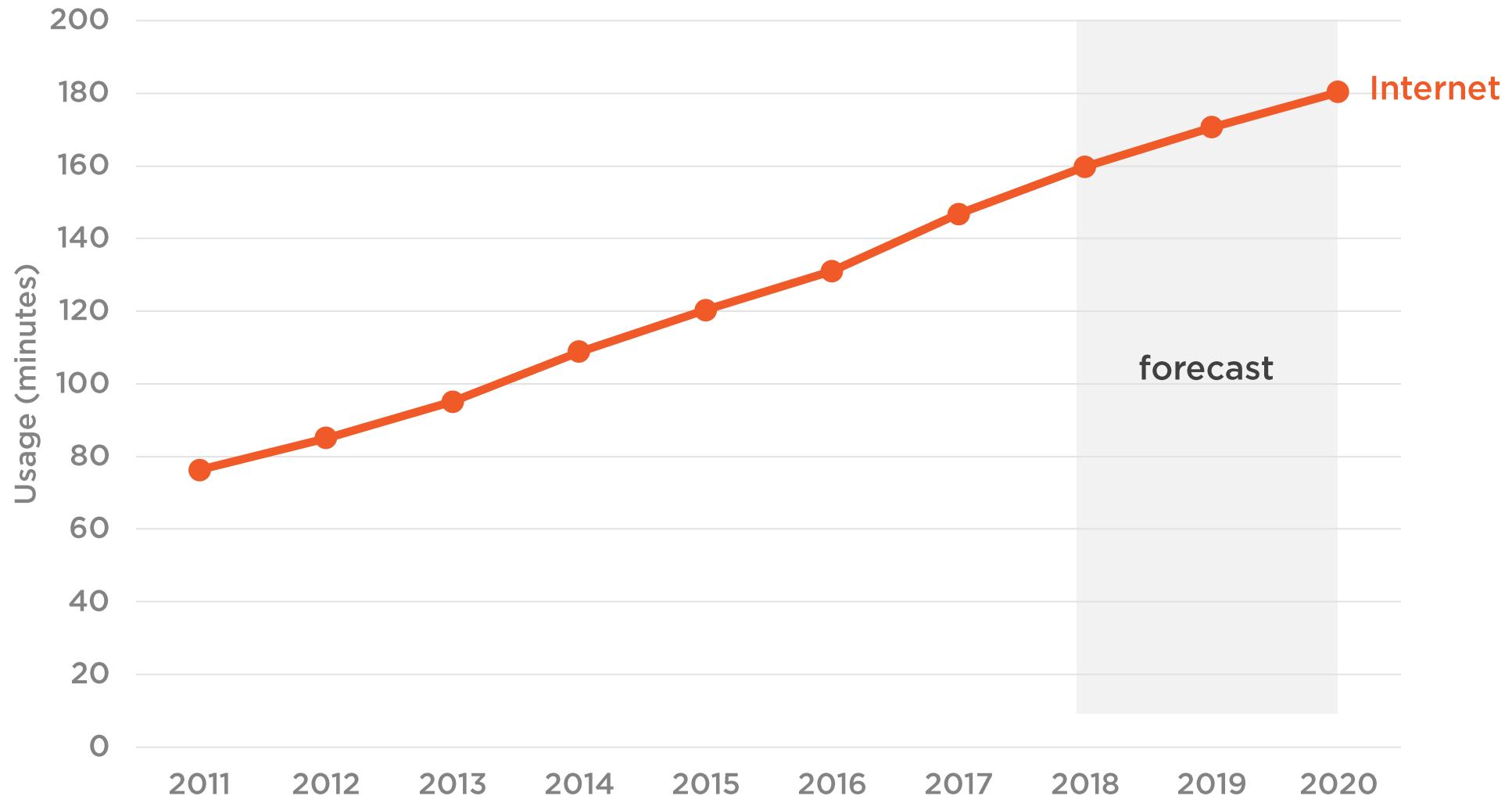
Amount of data as of 2016 in petabytes



Information Revolution

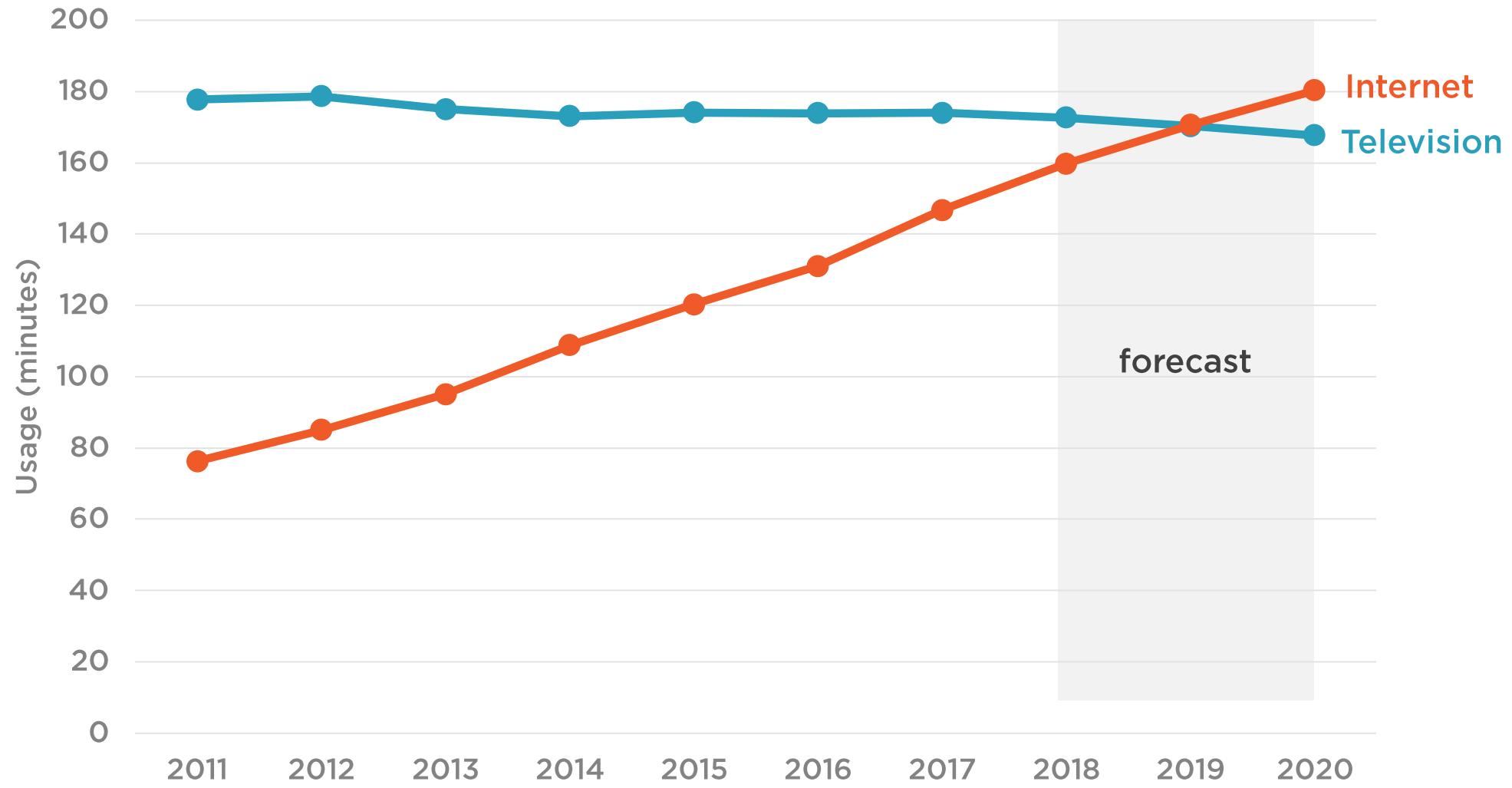


Television vs. Internet Usage



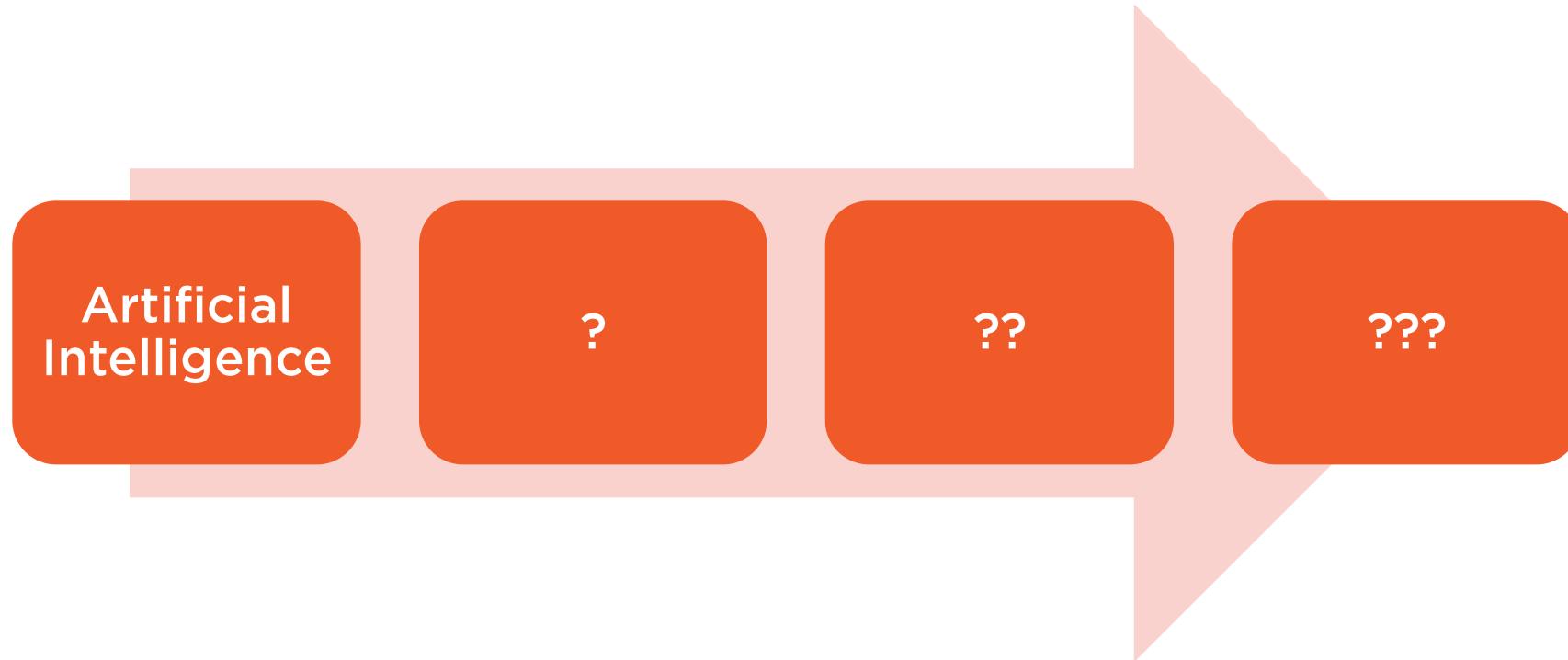
Source: Zenith – Media Consumption Forecasts 2018

Television vs. Internet Usage



Source: Zenith – Media Consumption Forecasts 2018

A.I. Revolution

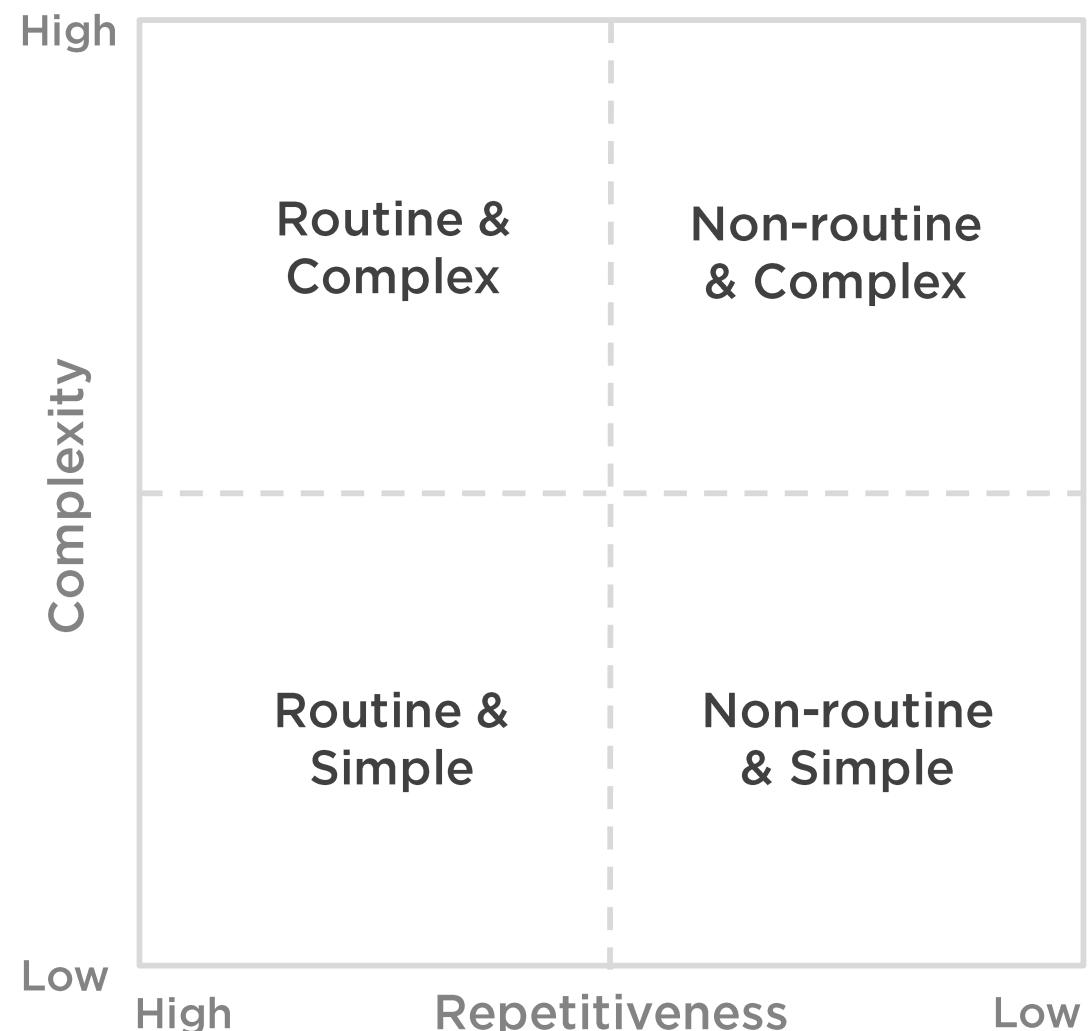


A.I. and Labor

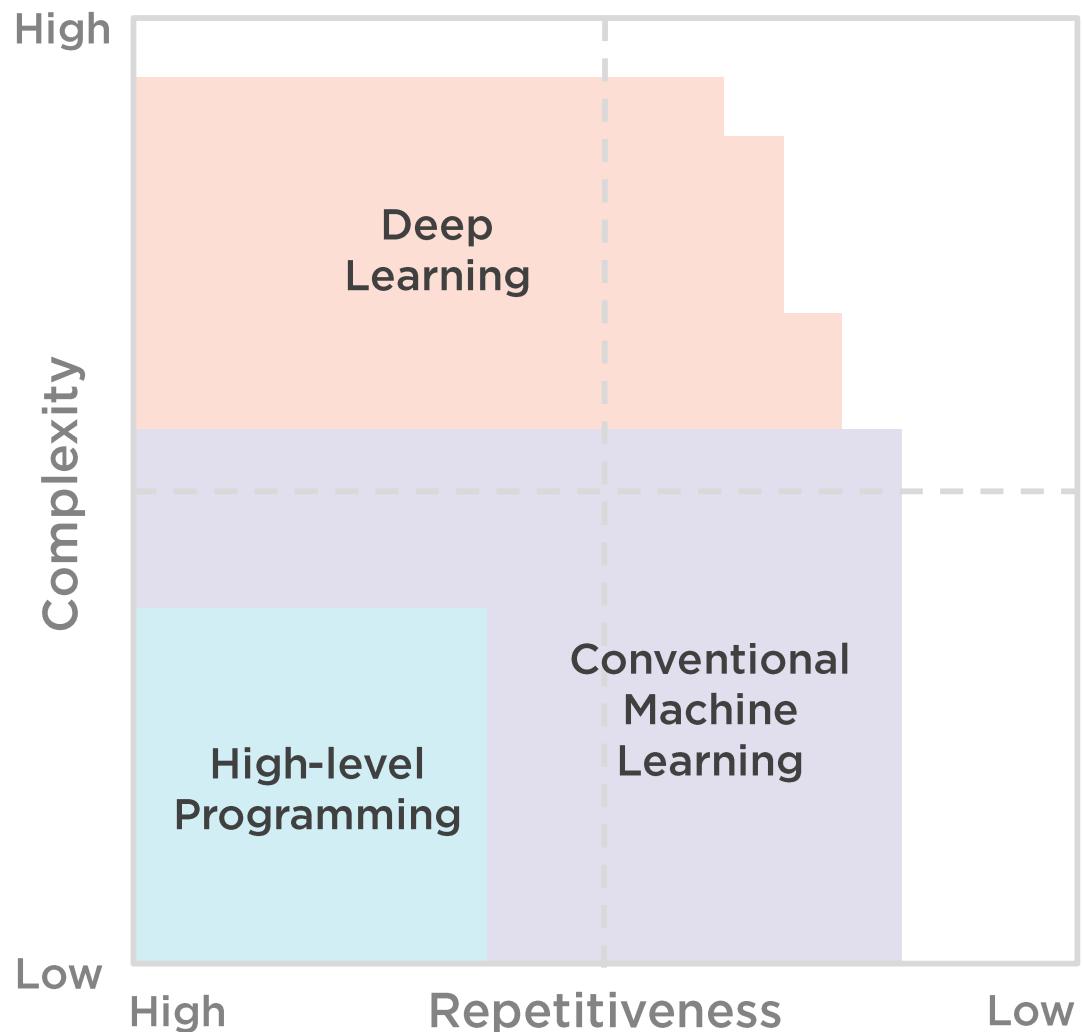


Courtesy of The HAHN Group

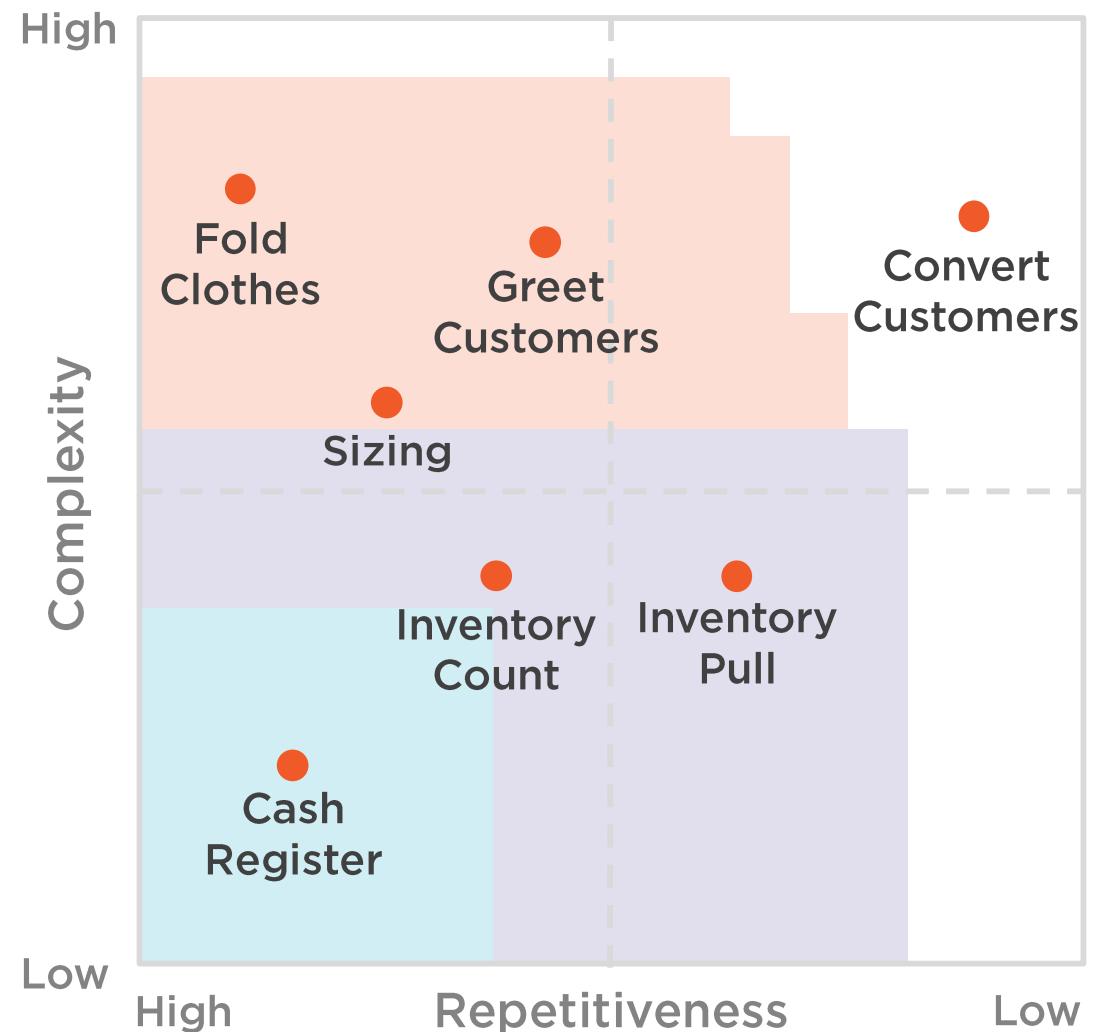
Automation Framework



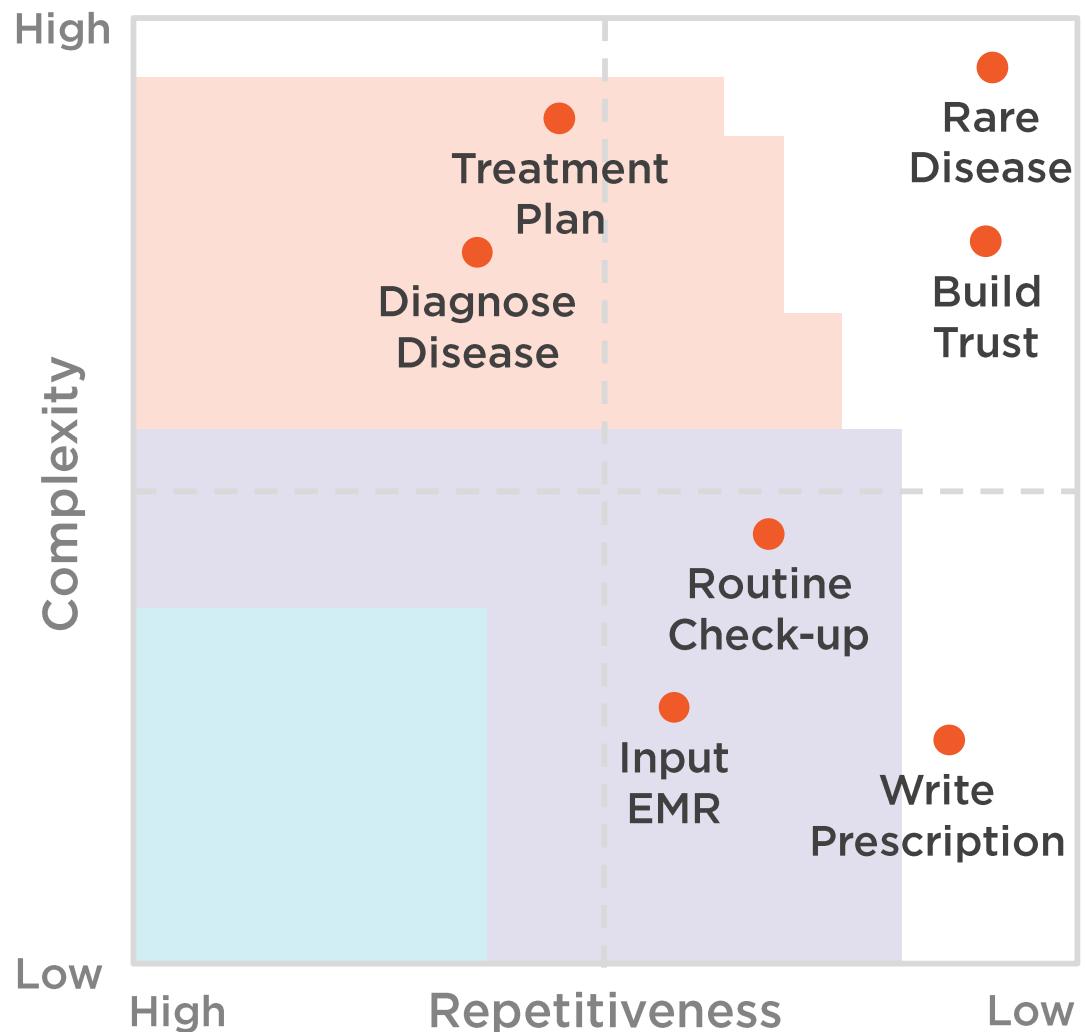
Automation Technology



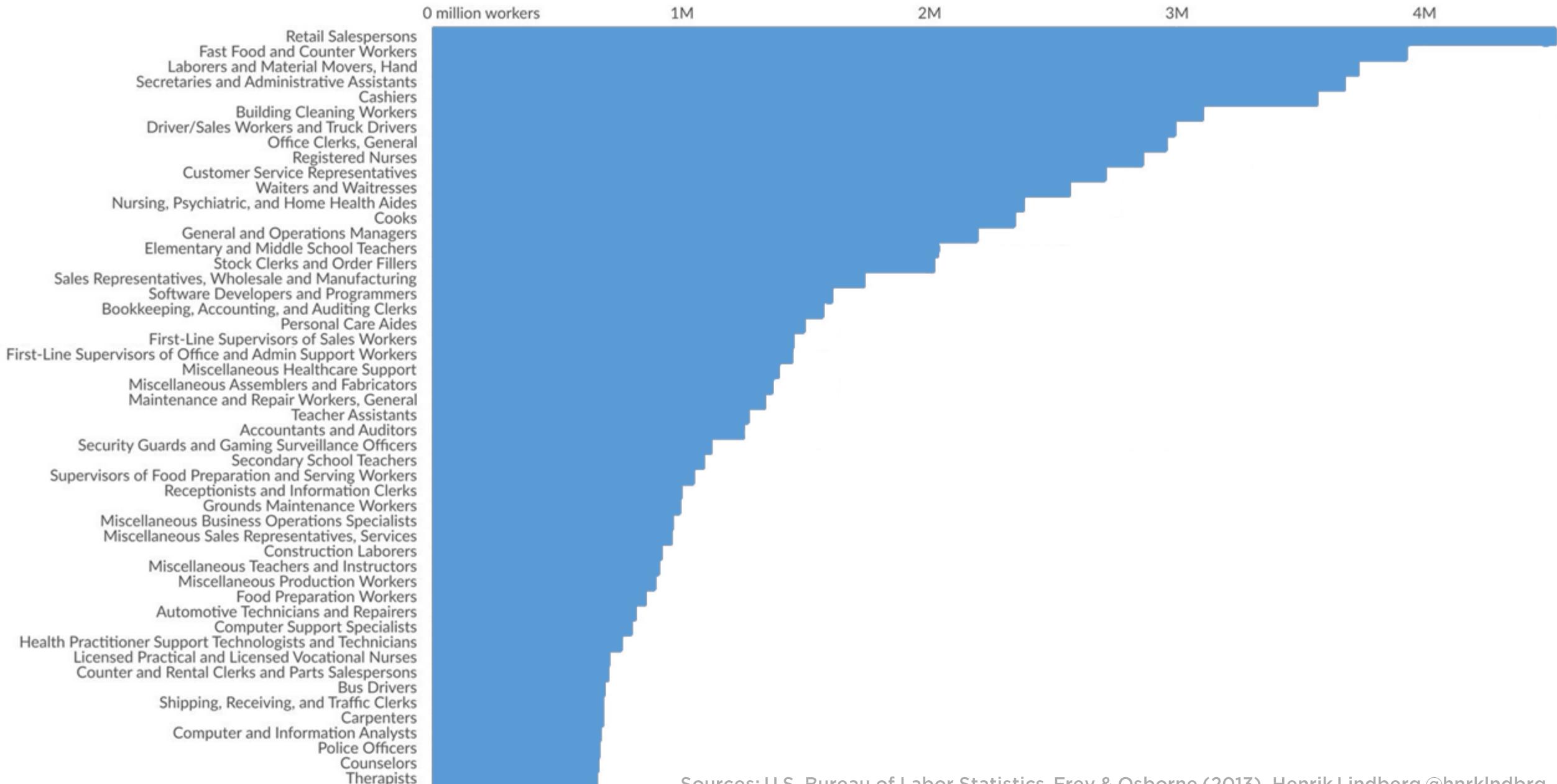
Retail Salesperson



Medical Doctor

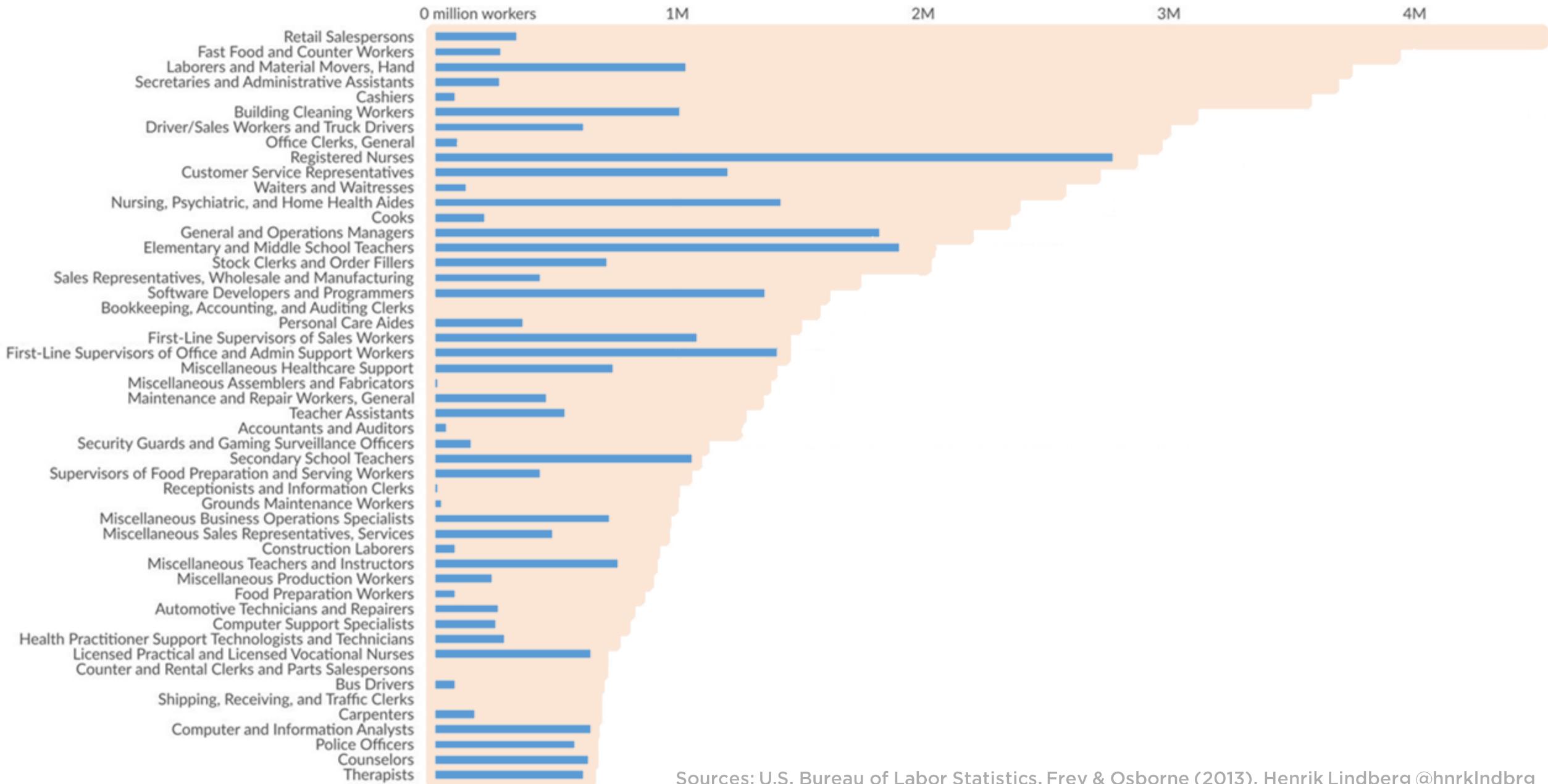


The Future of Labor



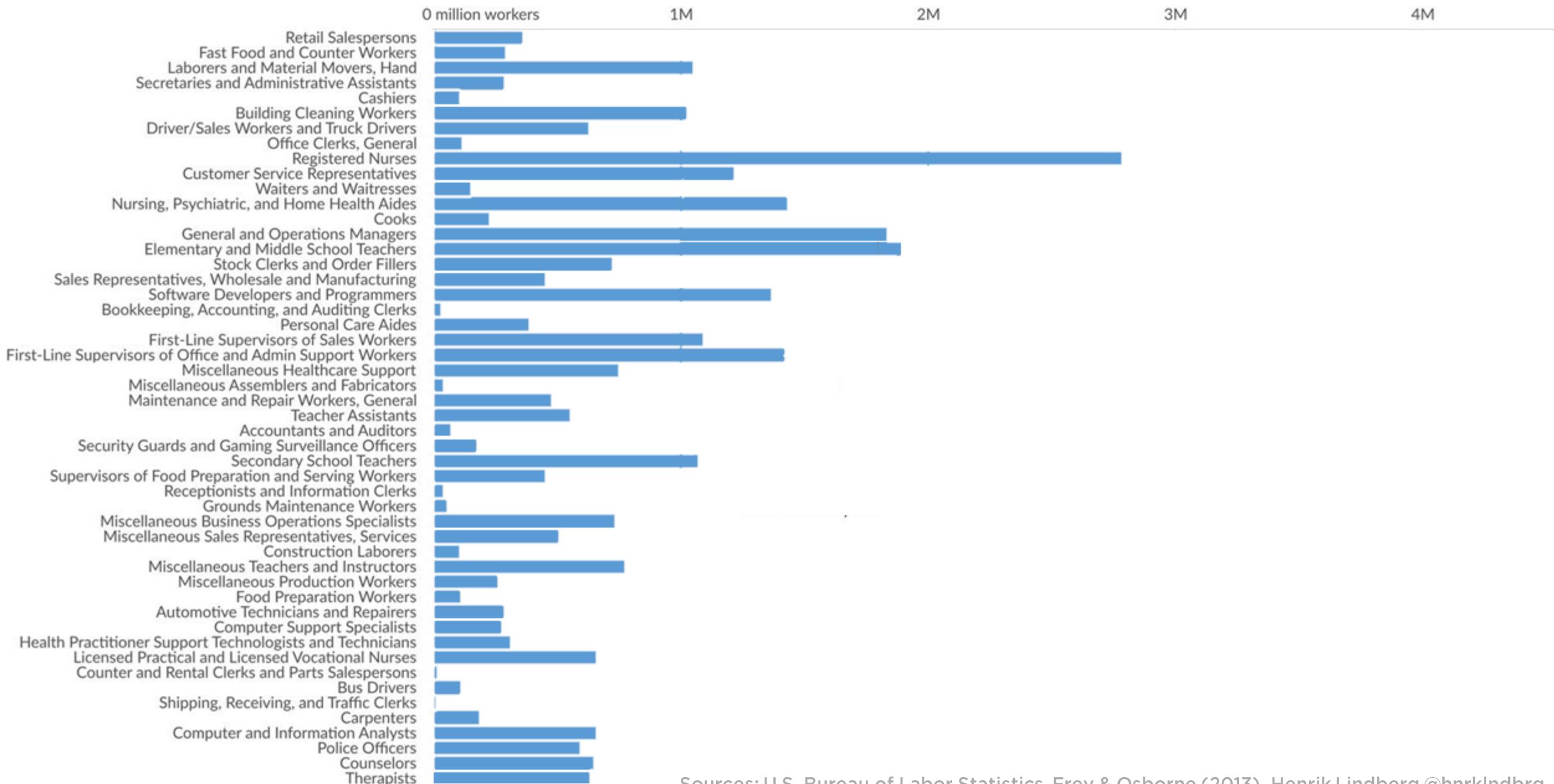
Sources: U.S. Bureau of Labor Statistics, Frey & Osborne (2013), Henrik Lindberg @hnrlndbрг

The Future of Labor



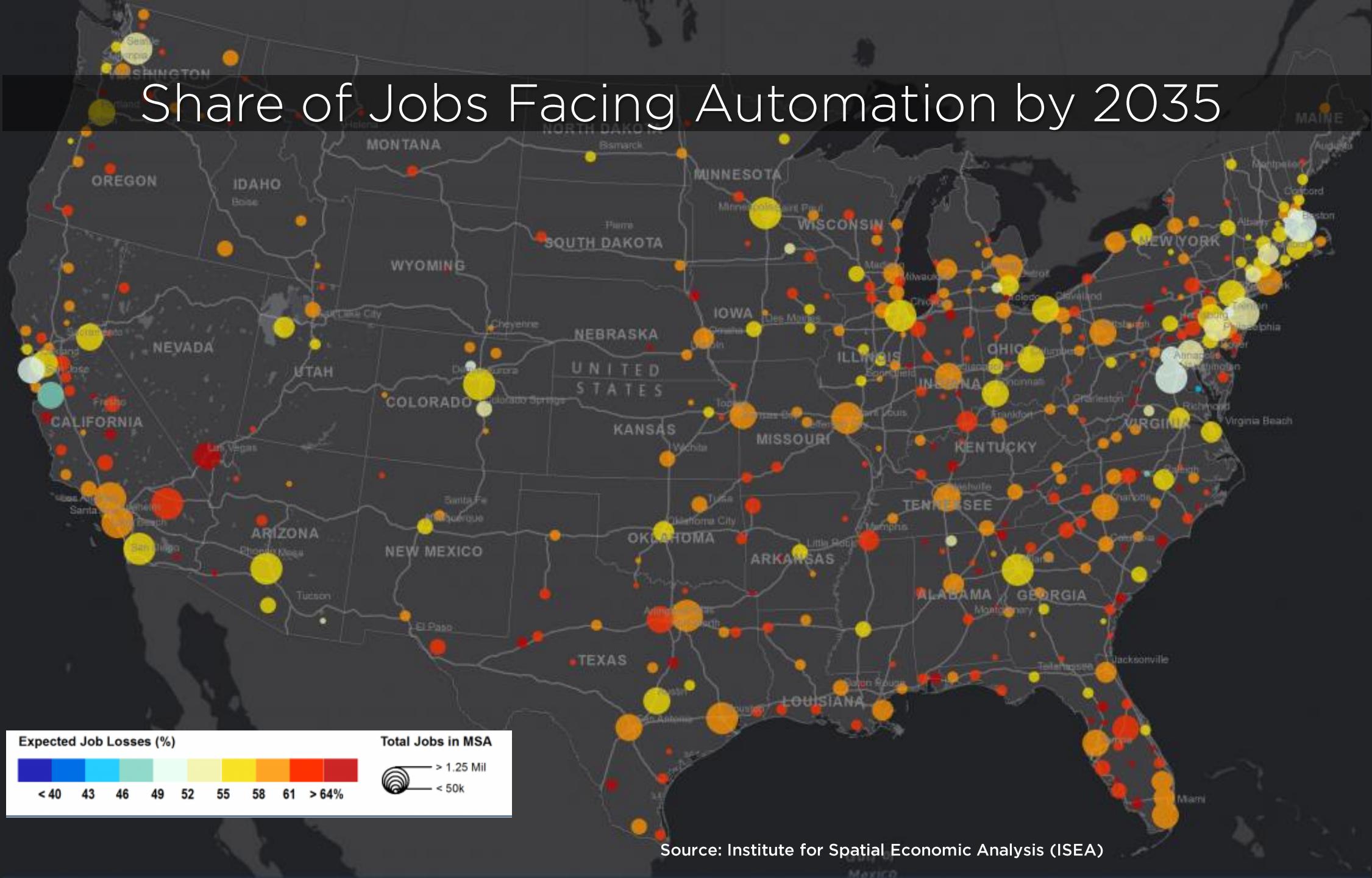
Sources: U.S. Bureau of Labor Statistics, Frey & Osborne (2013), Henrik Lindberg @hnrlndbрг

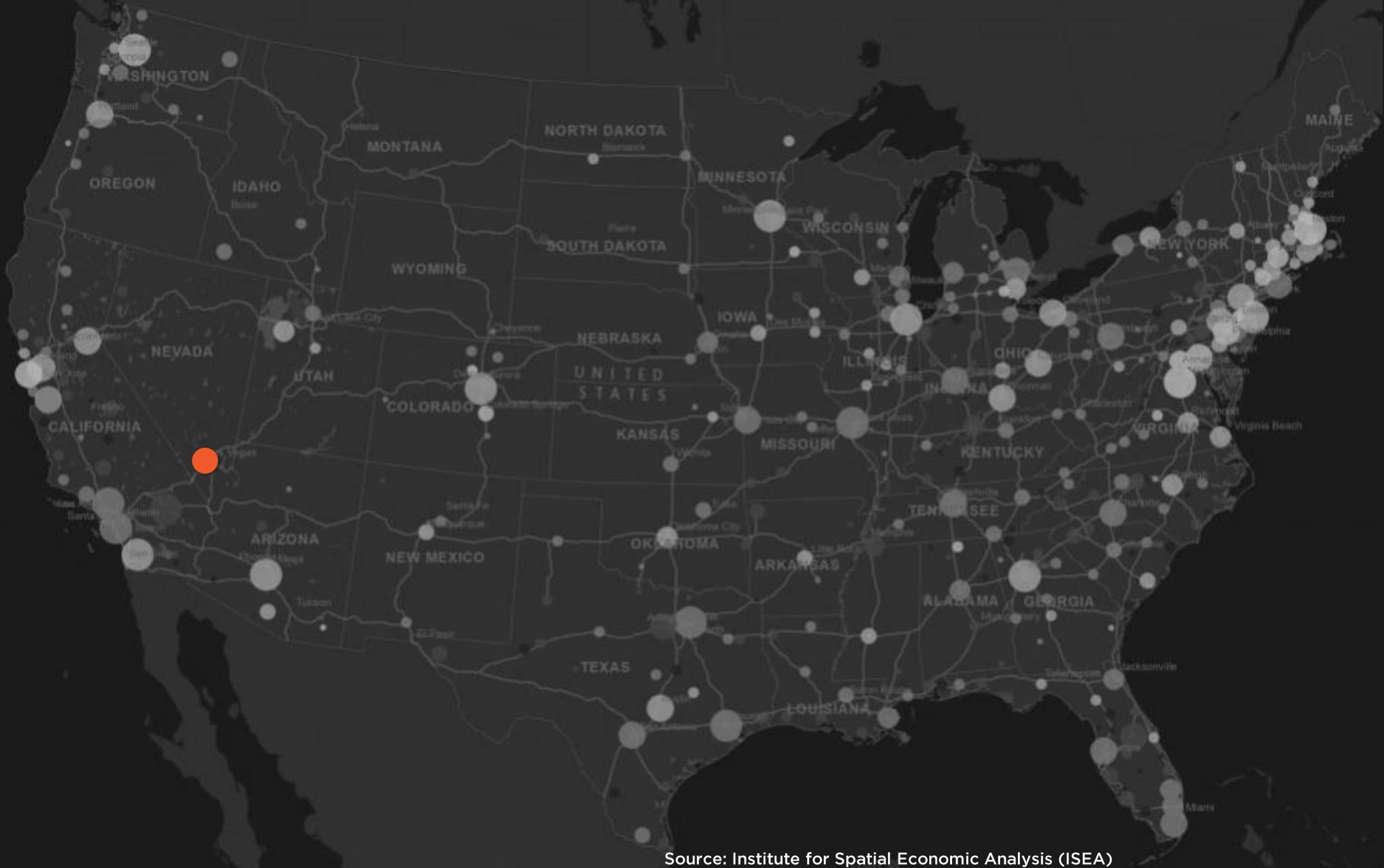
The Future of Labor



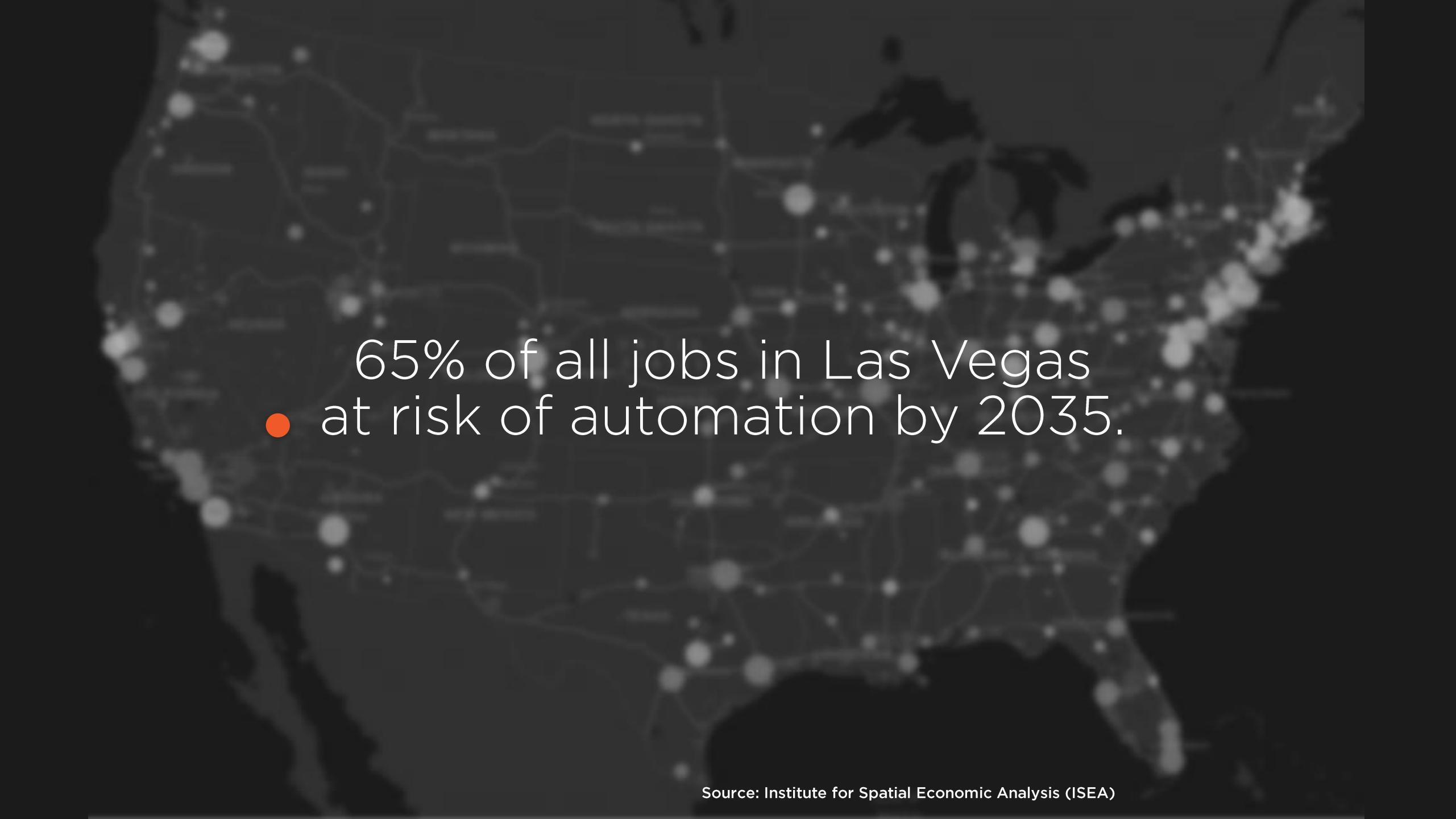
Sources: U.S. Bureau of Labor Statistics, Frey & Osborne (2013), Henrik Lindberg @hnrlndbрг

Share of Jobs Facing Automation by 2035





Source: Institute for Spatial Economic Analysis (ISEA)

- 
- 65% of all jobs in Las Vegas
at risk of automation by 2035.



Half of all jobs in the USA at risk
in the next two decades.

Likelihood of Job Automation

Telemarketers - 99%

Underwriters - 99%

Sports referees - 99%

Cashiers - 97%

Chefs - 96%

Waiters - 94%

Paralegal Assistant - 94%

Tour guides - 91%

Bakers - 89%

Bus drivers - 89%

Construction workers - 88%

Veterinary assistant - 86%

Security guard - 84%

Sailor - 83%

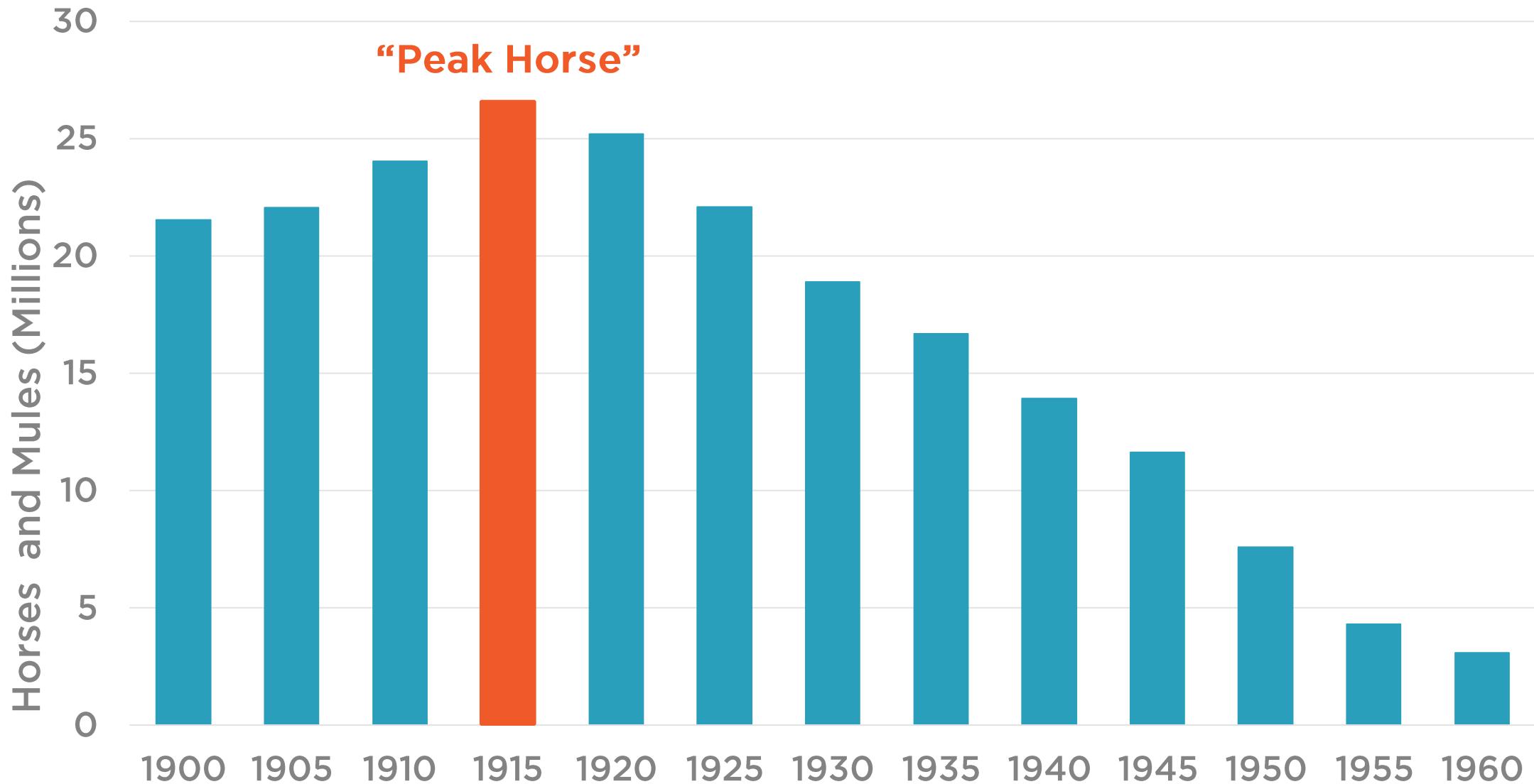
Bartender - 77%

Archivist - 76%

Will A.I. create more jobs
than it eliminates?

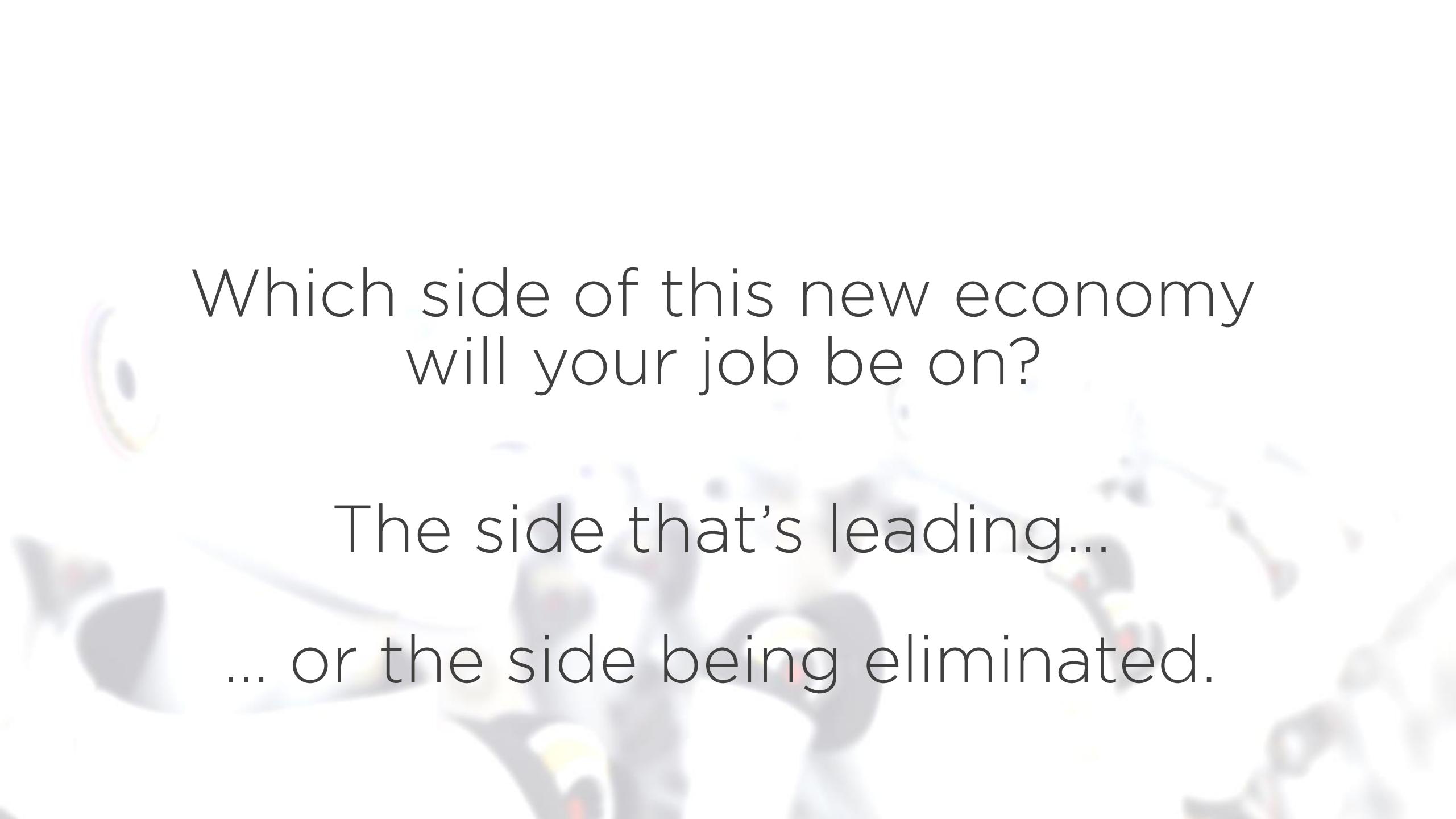


US Equine Population



Source: The Demographics of the U.S. Equine Population



A faint background image shows a person from the waist up, wearing a light-colored hard hat and a dark safety vest over a light shirt. They are looking down at a large sheet of paper, possibly a blueprint or map, which is mostly illegible due to the blur. The person's hands are visible, holding the corners of the paper.

Which side of this new economy
will your job be on?

The side that's leading...

... or the side being eliminated.

A.I. and Ethics

Current Ethical Issues

Privacy

Manipulation

Propaganda

Impersonation

Exploitation

A.I. weapons

A dense grid of binary code (0s and 1s) arranged to form a portrait of Steve Jobs. The binary digits are colored in various shades of blue, green, and cyan. The portrait is highly detailed, showing his characteristic glasses, hair, and facial features. The background is a dark, textured surface.

What is privacy with A.I. surveillance?

How do we avoid bias in A.I.?

Should we weaponize A.I.?

How should we allocate resources?

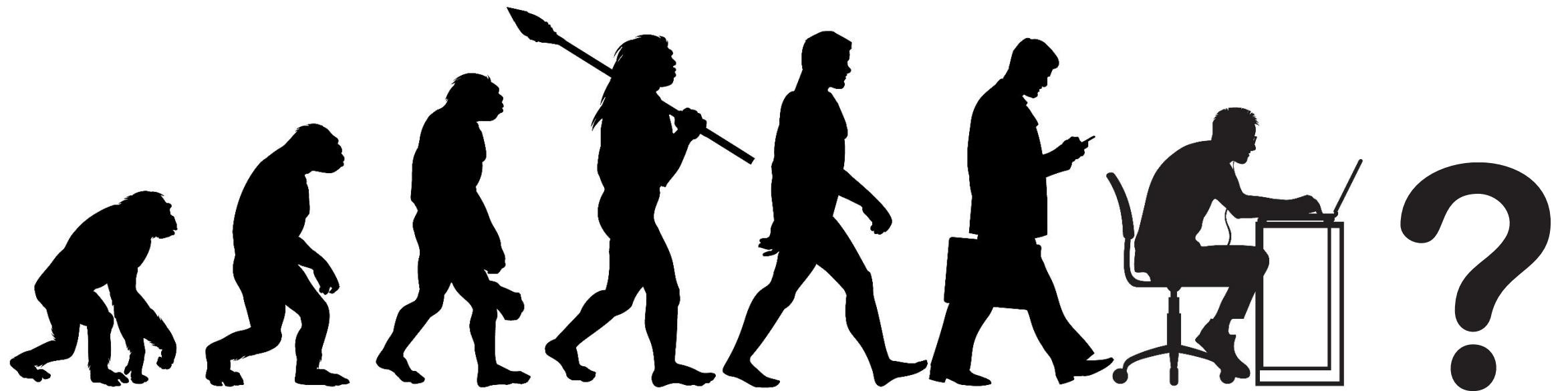
Should we tax robots?

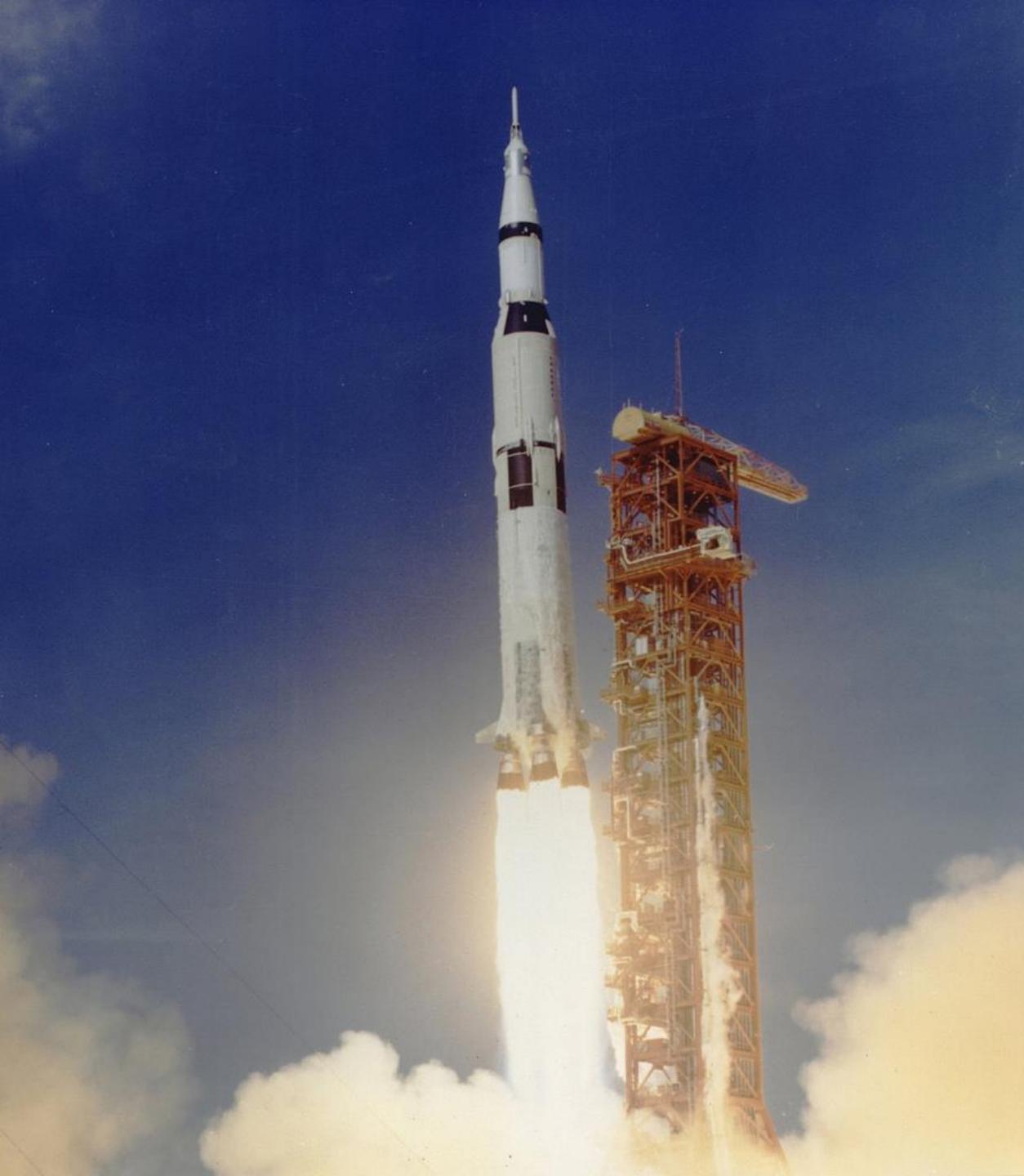
What rights should machines have?

What is our purpose in a world where
machines do all the work of value?











What will you choose?

Summary

Summary



A.I. and Society

A.I. and Labor

A.I. and Ethics