ARE YOU STRATEGICALLY LOCATED FOR YOUR H1B VISA IN 2025.. ?
ANALYSIS OF H1B DATA FY 23 AND FY 24
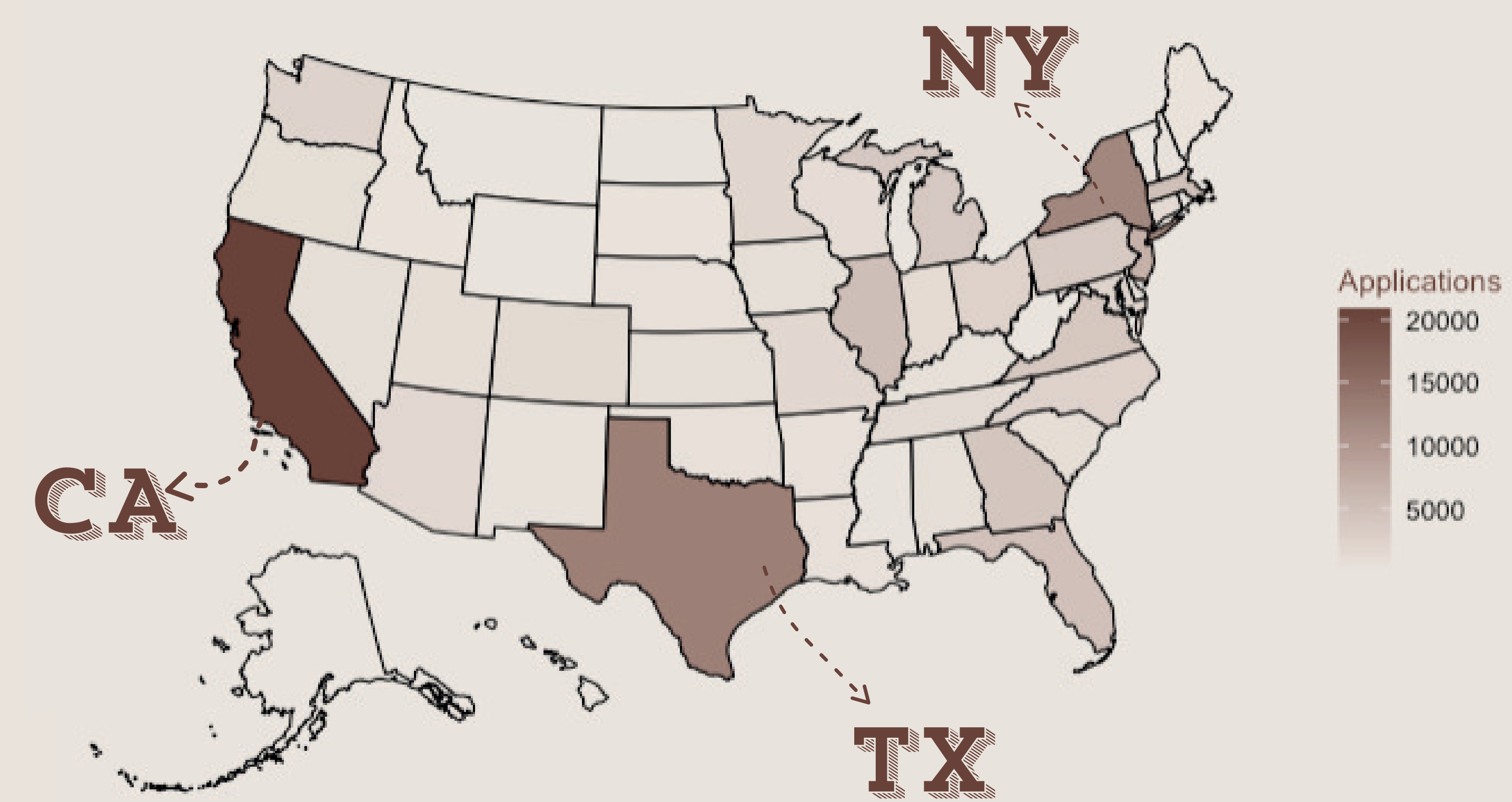## COURSE : IST 719 | NAME : VAISHNAVI MEKA

MOTIVATION

My motivation is, As a potential H1B Visa applicant, I want to be best prepared and have a strategic plan to apply my visa and benefit from it. In order to do that, I have analyzed past 2 years (2023, 2024 data) and gathered insights for top employers, top locations, top industry I have to be in. Etc.
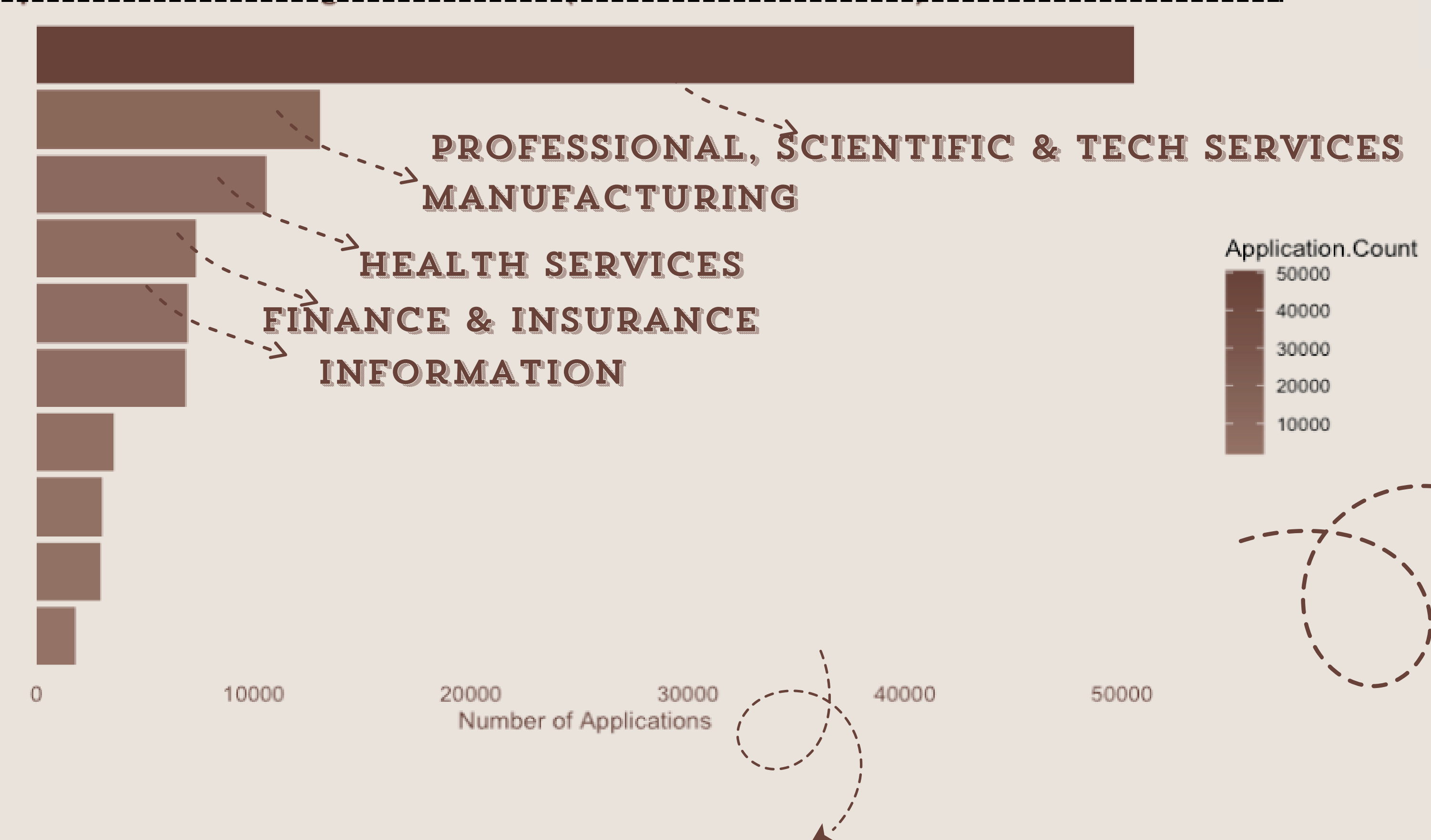
WHICH_STATE_HIRES_MOST_H1B_?

States Hiring the Most H-1B Visa Workers (2023 & 2024 Combined)

Applications: 20000, 15000, 10000, 5000

NY, CA, TX

DATA_DESCRIPTION_

This dataset has 118,689 rows and 12 columns, This data was directly sourced from USCIS website. A data point talks about applicant's geographic, industry presence and many more.

_INDUSTRY_HIRES_MOST_H1B_?
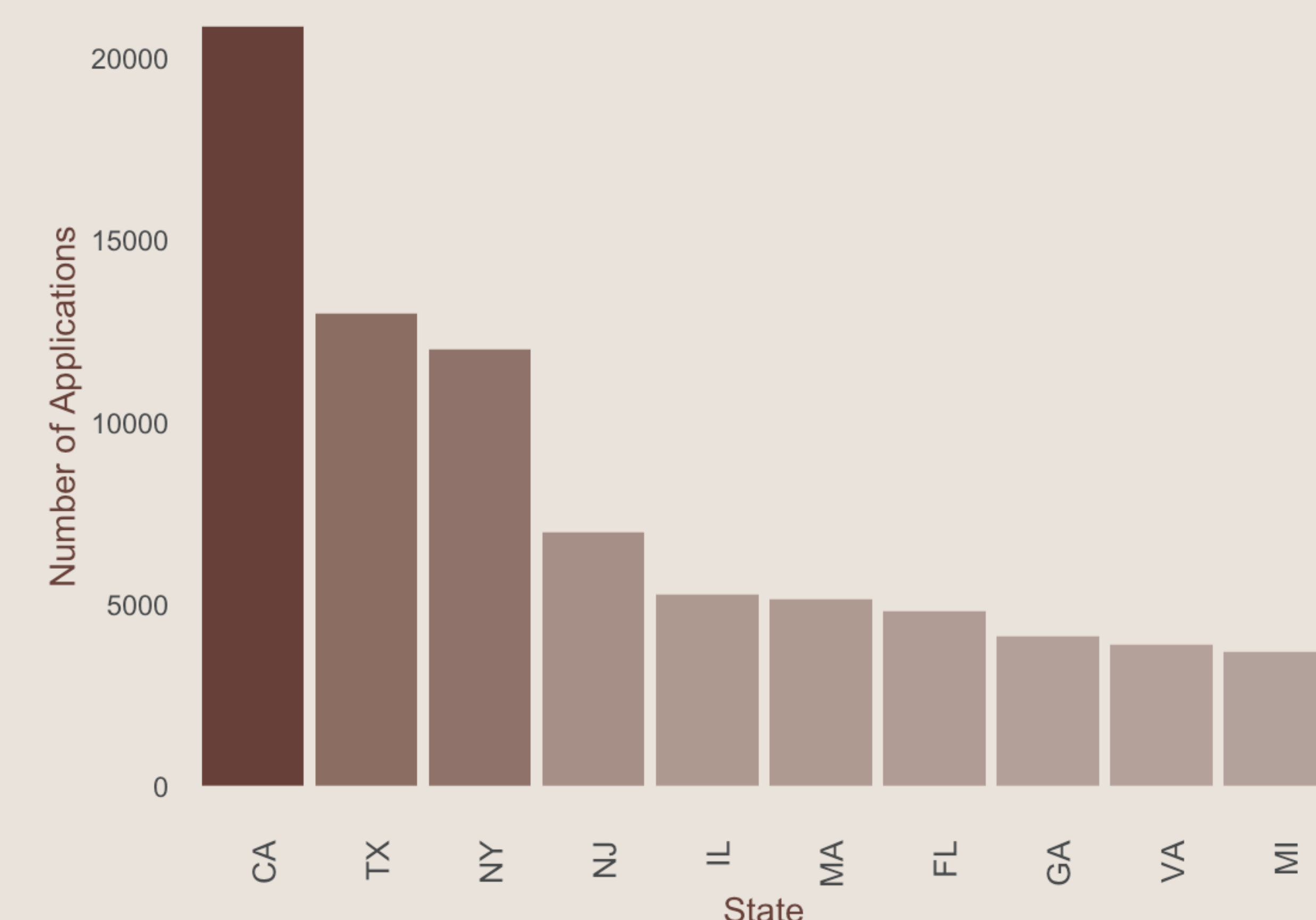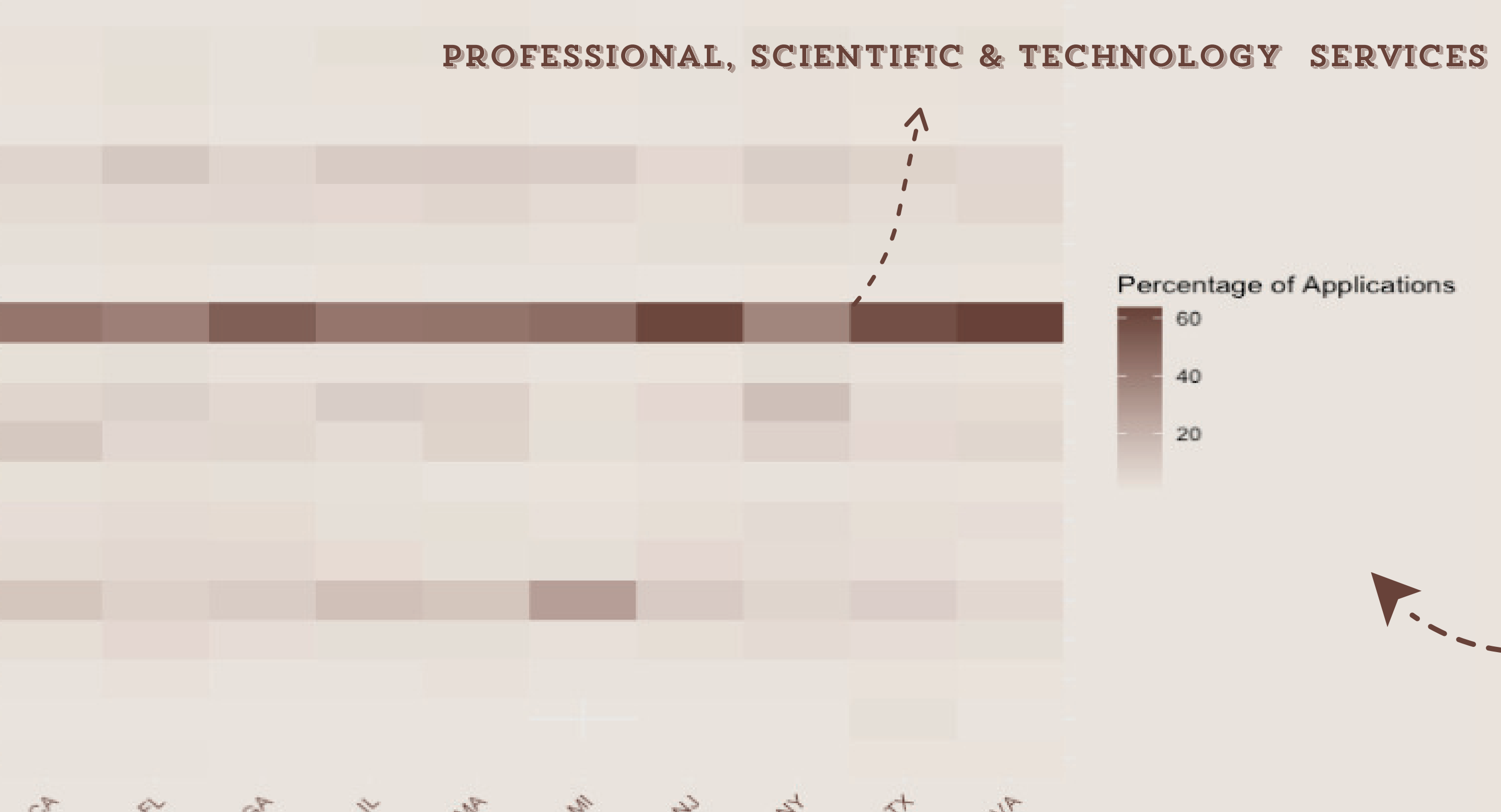

PROFESSIONAL, SCIENTIFIC & TECH SERVICES
MANUFACTURING
HEALTH SERVICES
FINANCE & INSURANCE
INFORMATION

Application.Count: 50000, 40000, 30000, 20000, 10000

Number of Applications

COMPANIES TO APPLY ?

Top 10 States Hiring the Most H-1B Visa Workers

Number of Applications: 20000, 15000, 10000, 5000, 0

State: CA, TX, NY, NJ, IL, MA, FL, GA, VA, MI

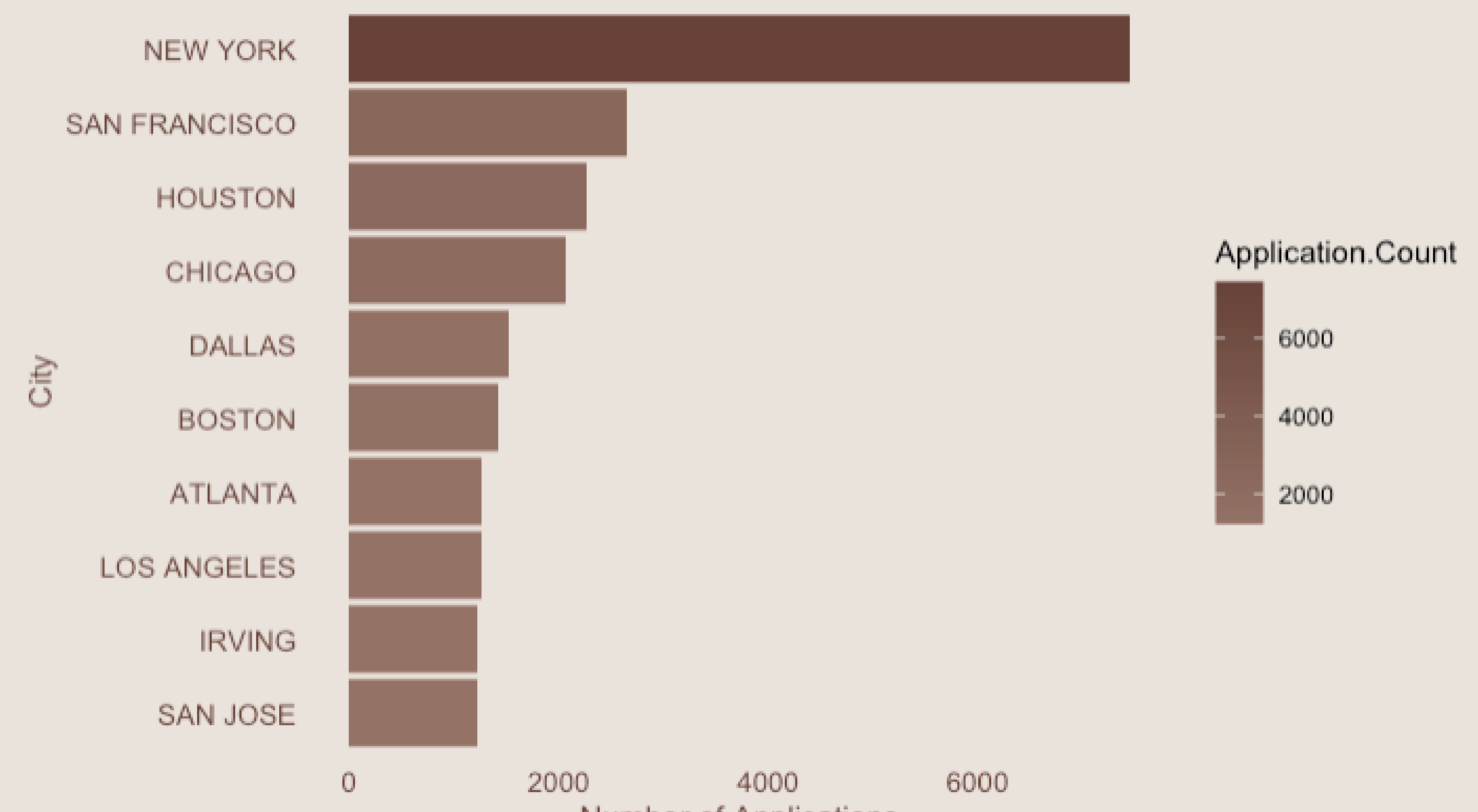## INDUSTRY DISTRIBUTION_ACROSS TOP CITIES_

Industry Distribution Across Top 10 States
Percentage of applications by industry in each state

PROFESSIONAL, SCIENTIFIC & TECHNOLOGY SERVICES

Percentage of Applications: 60, 40, 20

CA, FL, GA, IL, MA, MI, NJ, NY, TX, VA

_WHICH_CITY_HIRES_MOST_H1B_?

Top 10 Cities Hiring H-1B Workers (2023 & 2024 Combined)

City: NEW YORK, SAN FRANCISCO, HOUSTON, CHICAGO, DALLAS, BOSTON, ATLANTA, LOS ANGELES, IRVING, SAN JOSE

Application.Count: 6000, 4000, 2000

Number of Applications: 0, 2000, 4000, 6000

R-PACKAGES_USED
A. DPLYR
B. GGPLOT2
C. USMAP
D. WORDCLOUD2