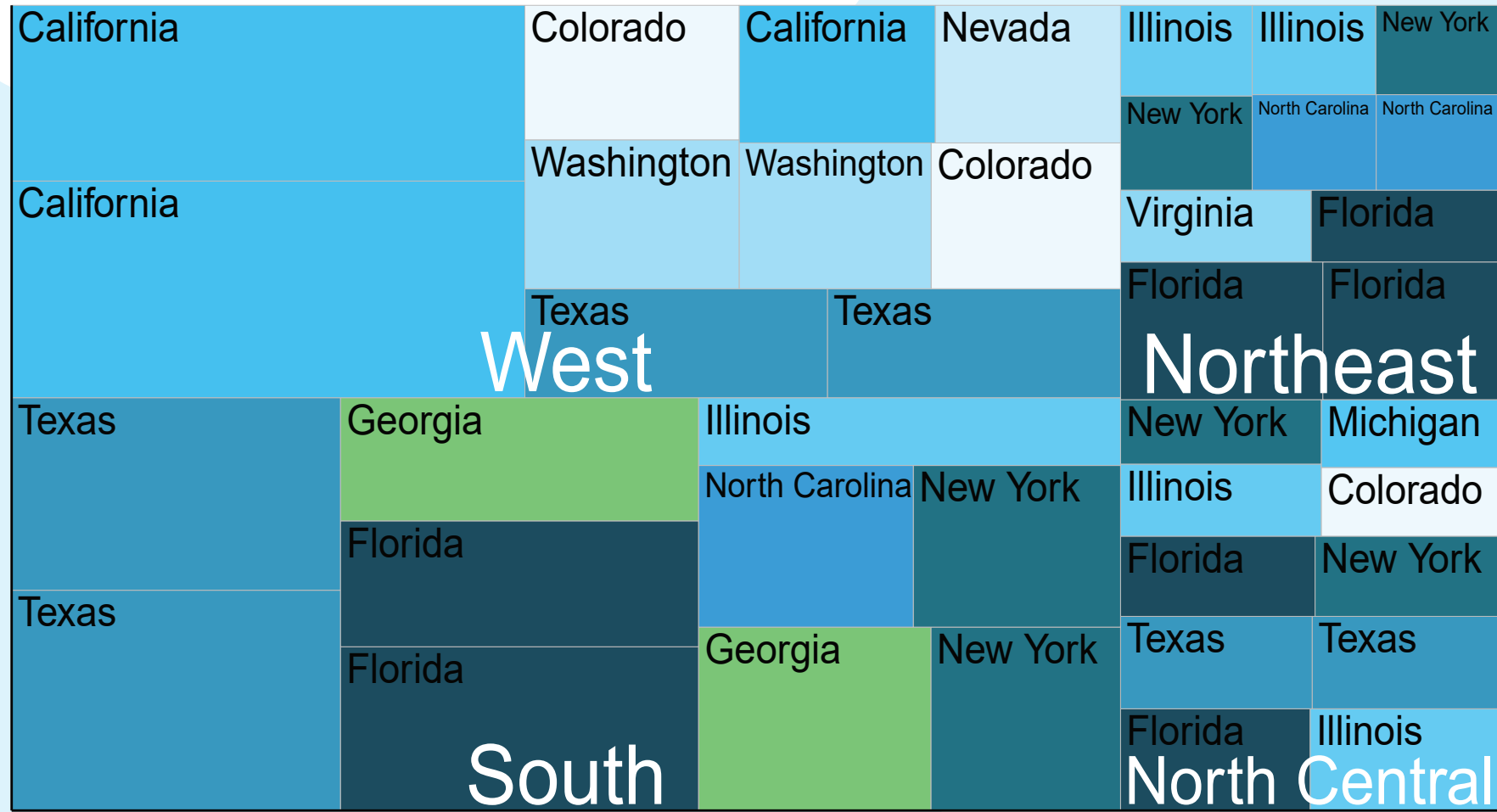


ELIZABETH JONES

FLY ABOVE THE CHAOS

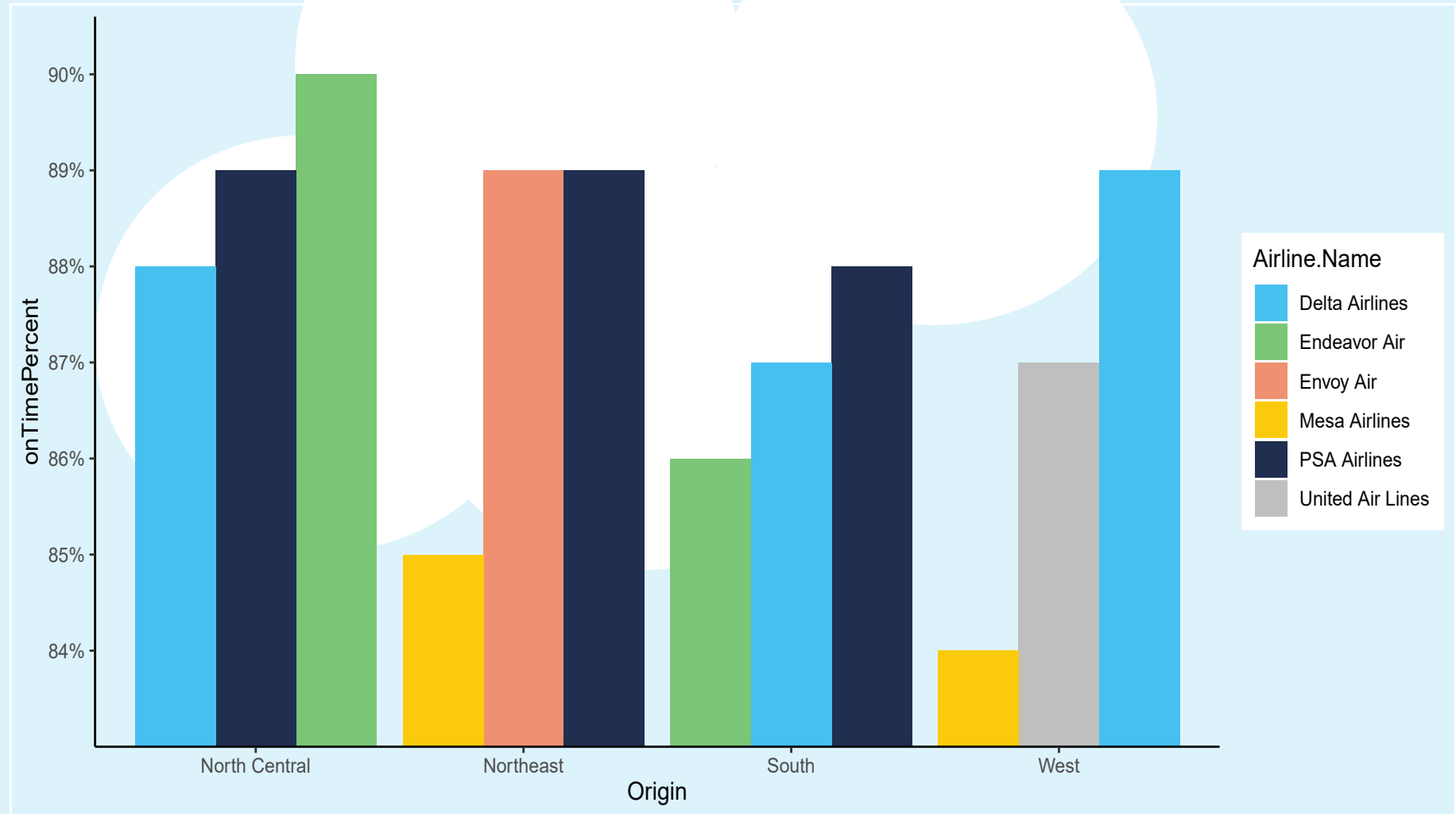
IST 719
DATA VISUALIZATION



FINDINGS

Most people fly inter-regionally so its best to book flights early if you fall within that group.

Delta Airlines seems to be one of the best air-
lines to fly with for most regions of the US.



STORY

Thanksgiving is the busiest travel holiday in the US. Year after year we hear news stories of people stranded at the airport due to cancelled flights or long delays.

This data looks at flight information from 2022 in order to uncover the best travel tips during Thanksgiving.

DATASET

The data was pulled from the Bureau of Transportation Statistics for flights that ocurred between Nov 18th and Nov 24th. This data has over 100,000 variables and was cleaned and reorganized to idenfiy issues such as cancelled and delayed flights, flight volume, and on-time flights by flight number, location and time of day.

RPACKAGES: ggplot2,dpyr,lubridate,maps,treemapfi-y,scales

SOURCEURL: <https://www.transtats.bts.gov/Fields.as->

MOTIVATION

The purpose of this analysis is to help people-who often travel during the holiday season, make better travel decisions, especially around Thanksgiving.

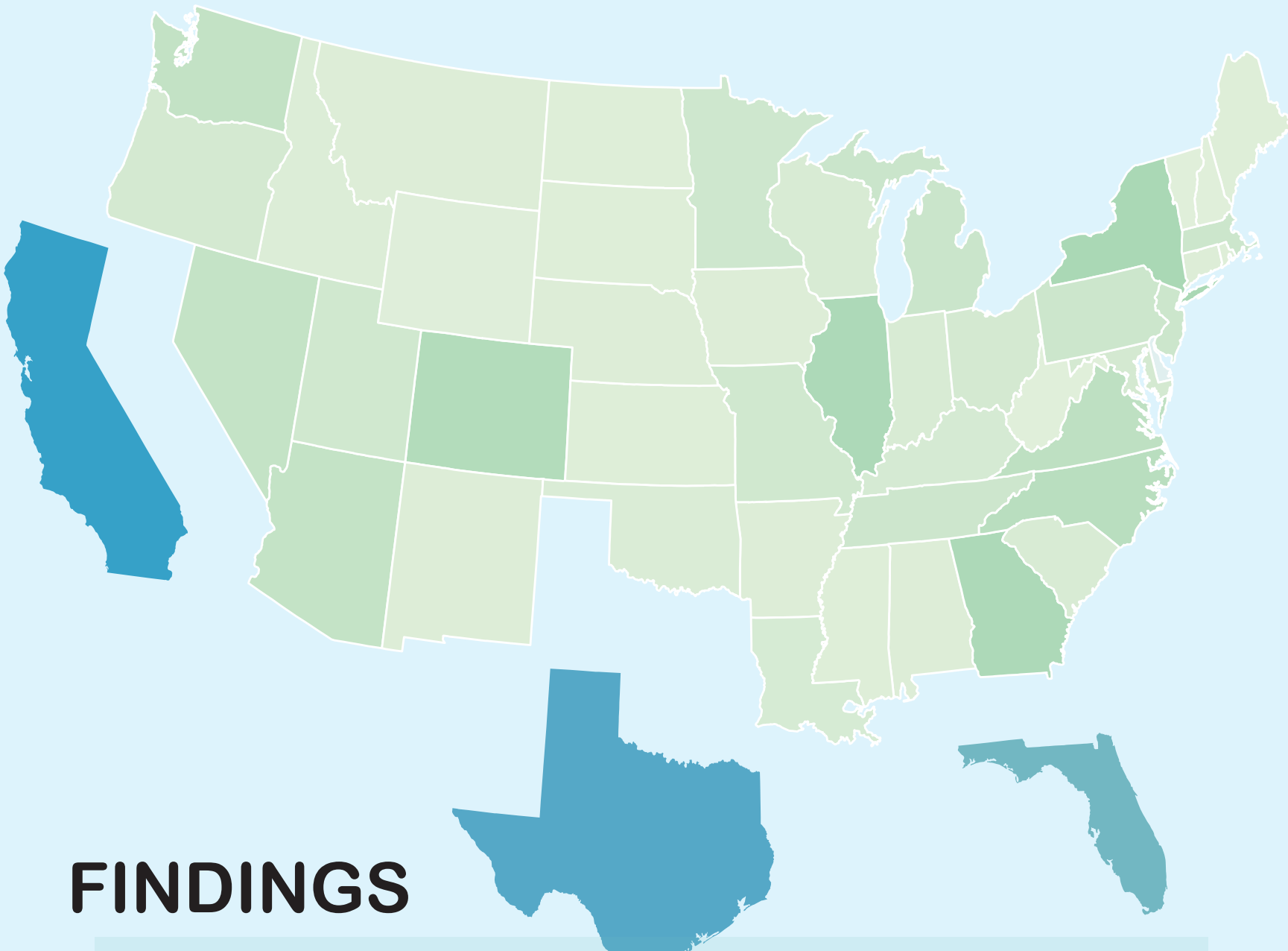
QUESTIONS

Best Day to Travel
Best Airline to Fly
Best Time of Day to Depart
Most Popular Destinations

FINDINGS

California, Texas and Florida were the most popular destinations over Thanksgiving.

If you're concerned about long delays it's best to book flights in the morning.



FINDINGS

The highest portion of on-time flights were for dates closets to Thanks-giving.

