

The background features a dark blue gradient with a subtle pattern of white dots. Overlaid on this are several faint, white circular elements. A large circular scale on the left side has markings from 140 to 260 in increments of 10. Other smaller circles and arcs are scattered across the slide, some with arrows indicating direction.

# AIRLINE INDUSTRY OVERVIEW

REVIEW OF ACCIDENTS AND INDUSTRY FINANCIALS

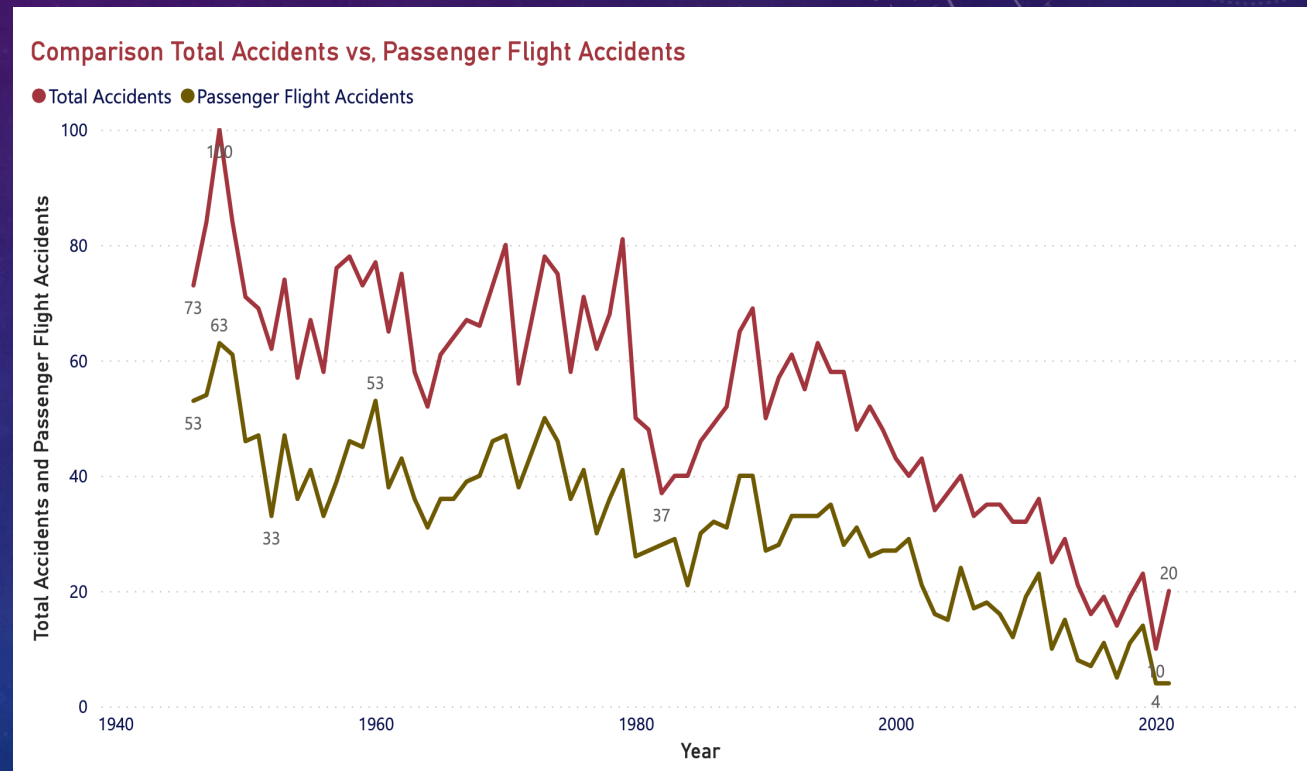
# OVERVIEW

- TOPICS TO COVER:
  - Accident overview
  - Types of accidents
  - Airfare overview
  - Industry overview



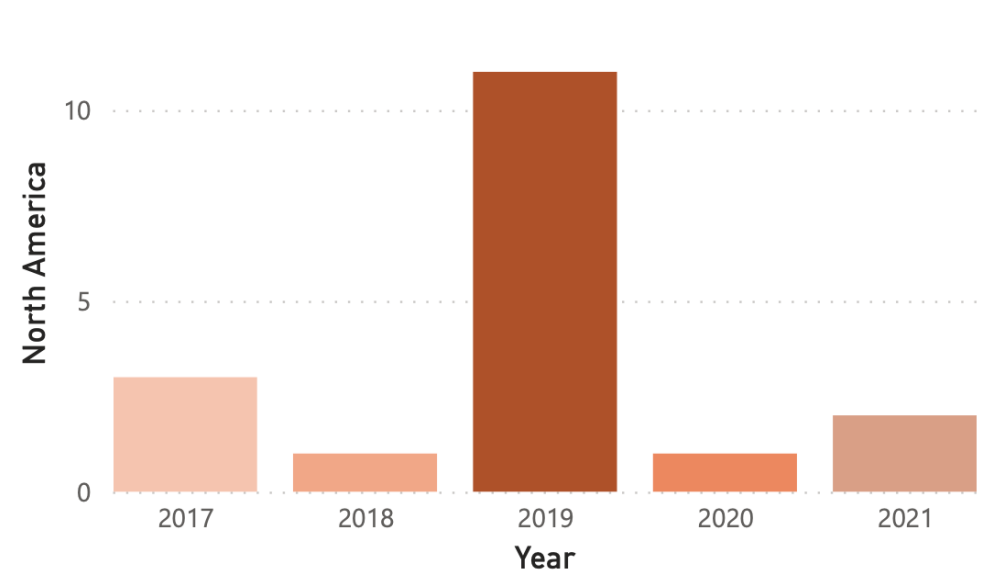
# TOTAL ACCIDENTS VS PASSENGER CRAFT ACCIDENTS

- Crashes down across both categories
  - Fluctuates year to year, but overall trend is down
  - Mid-90's sharp decrease/increase of total accidents not as highly represented in passenger craft accidents
  - Around 2010 the two groups begin moving closer together



# ACCIDENTS LAST 5 YEARS

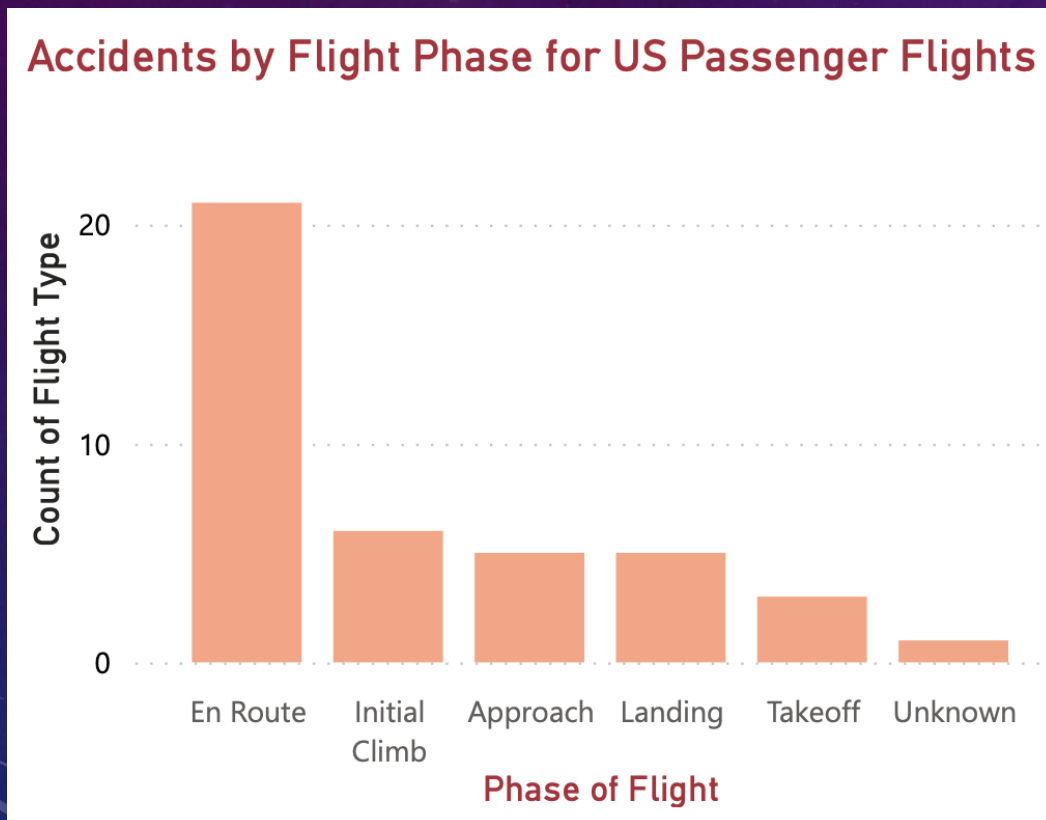
Count of North American Accidents Last 5 Years



- Closer look at the last five years of accidents
- Narrows focus to North America
- 2019 peak as seen in previous chart
  - North American accidents about 1/3 of worldwide accidents
- 2021 slight increase as number of flights increase post – 2020.



# SAFETY FOCUS – US PASSENGER FLIGHTS



- Each phase of flight comes with risks
- Some phases riskier than others
- Explore where/when “En Route” accidents occur
- Takeoff and Initial climb 2<sup>nd</sup> greatest risk when combined
- Approach/Landing risks equal
- Recommend additional research
  - Weather?
  - Time of day?
  - Aircraft?
  - Length of flight?
  - Etc.

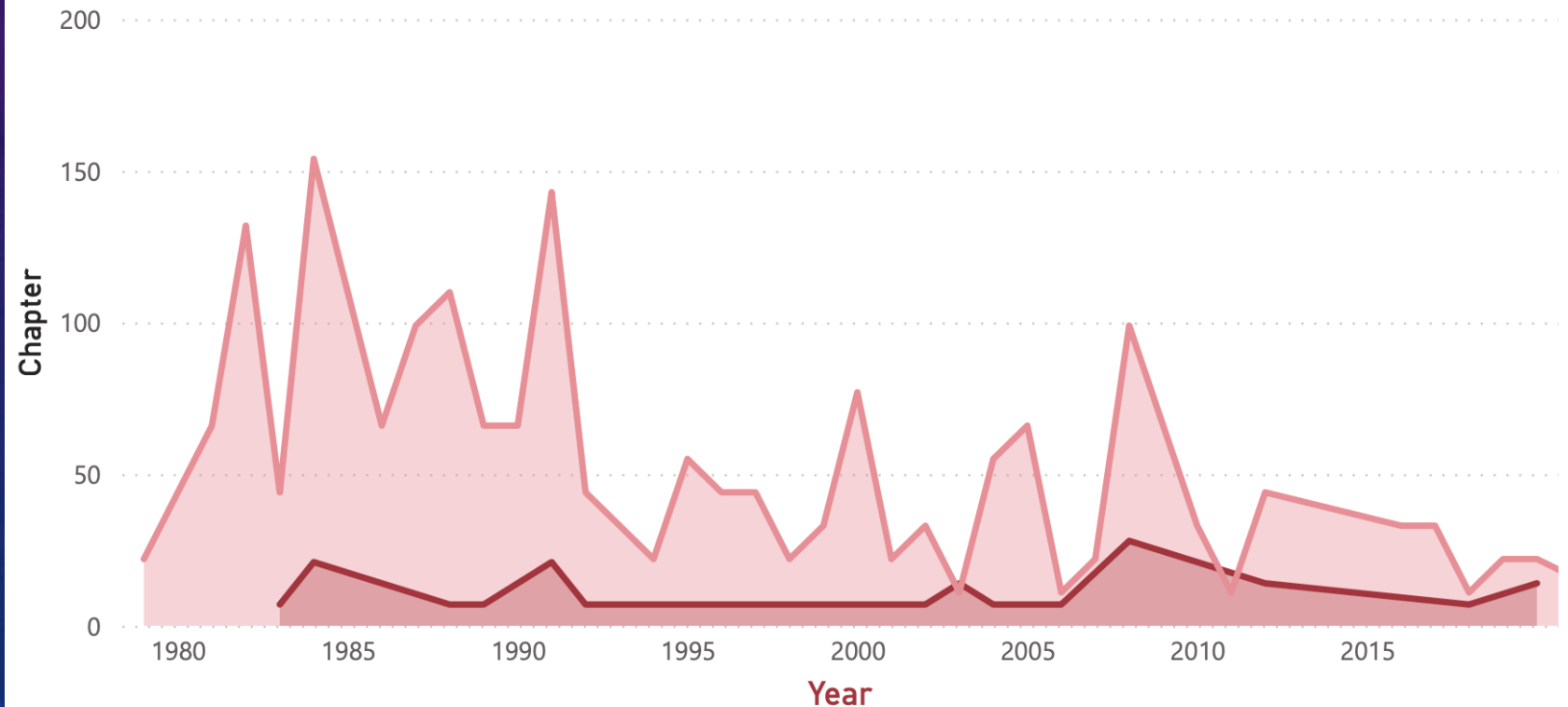
# FINANCIALS - INDUSTRY

## Overview US Airline Bankruptcies

- Volatile mid-80's – mid 90's
- Chapter 11 common vs Chapter 7
- Appears to be a 5 year peak/decline cycle

US Airline Bankruptcies by Year and Type

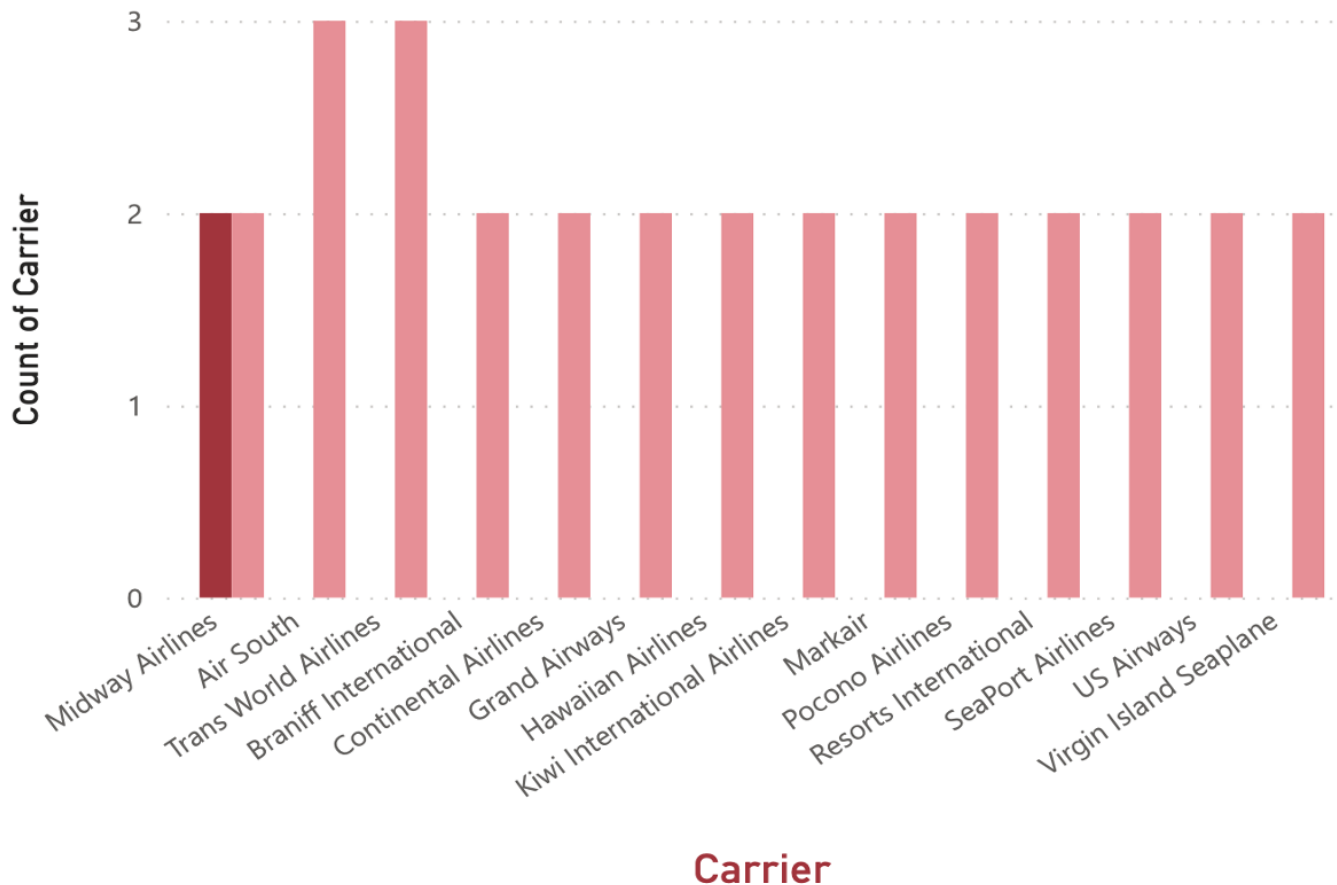
Chapter ● 7 ● 11



# FINANCIALS - INDUSTRY

## Airlines w/ Multiple Bankruptcies

Chapter ● 7 ● 11



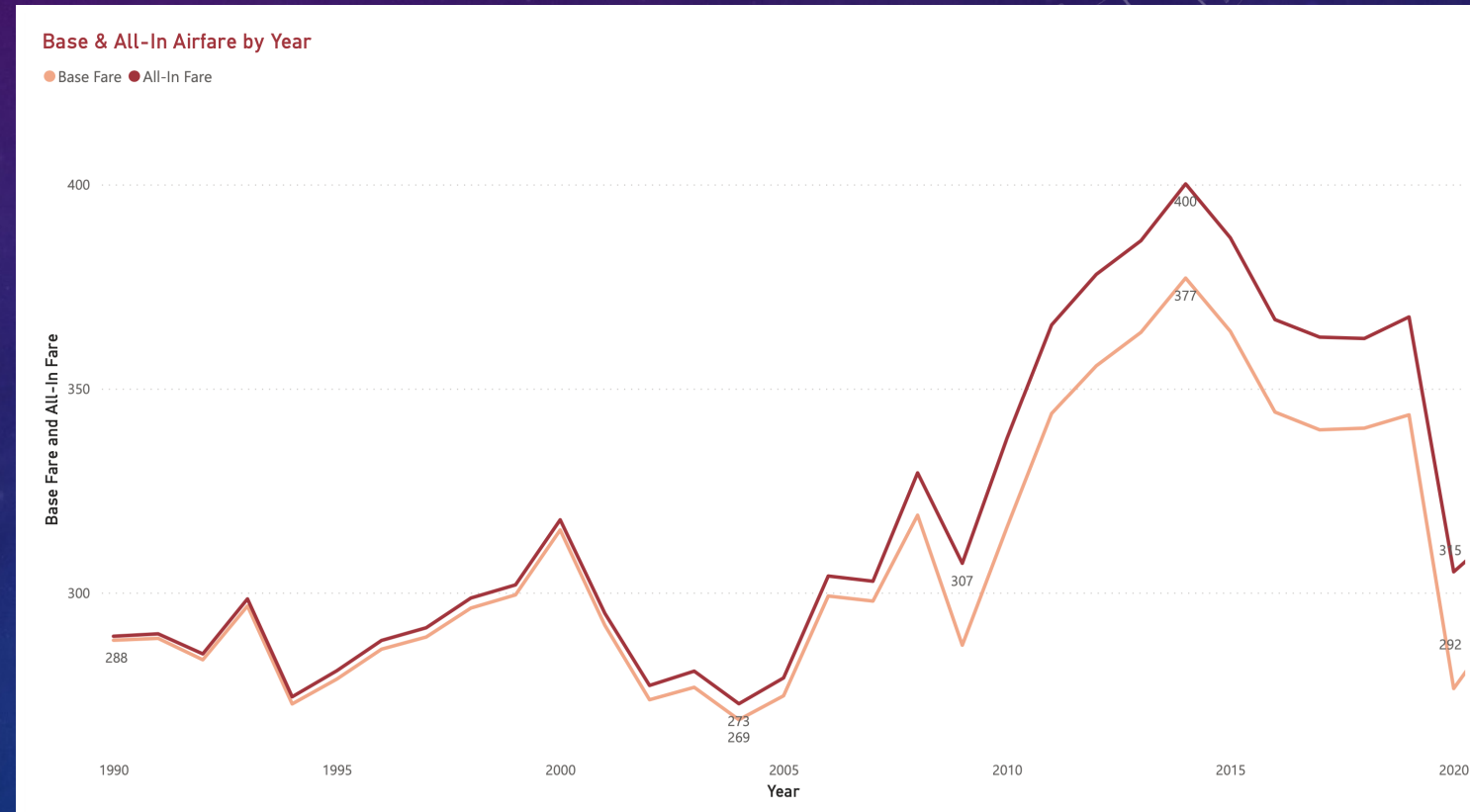
- All airlines with multiple bankruptcies fly internationally
- Only Midway has both chapter 7 and 11
- Most multiple filers have filed twice
- Consider continue US-only flight model until new safety measures initiated and realized



# FINANCIALS - AIRFARES

Comparison of base fare rate and fare including taxes/fees

- Two fares close until mid-2000's
- As rates increase, gap increases
- Trend looks to continue post-2020
- Great fluctuation in airfares over time
- Sharp decline post-911, but recovered with a few years
- Greatest decline in 2020
  - Looks to recovering and expect trend to continue





THANK YOU