

# AVIATION INVESTMENT PROPOSAL

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# OVERVIEW

01

Overview

02

Business Direction

03

Data Understanding

04

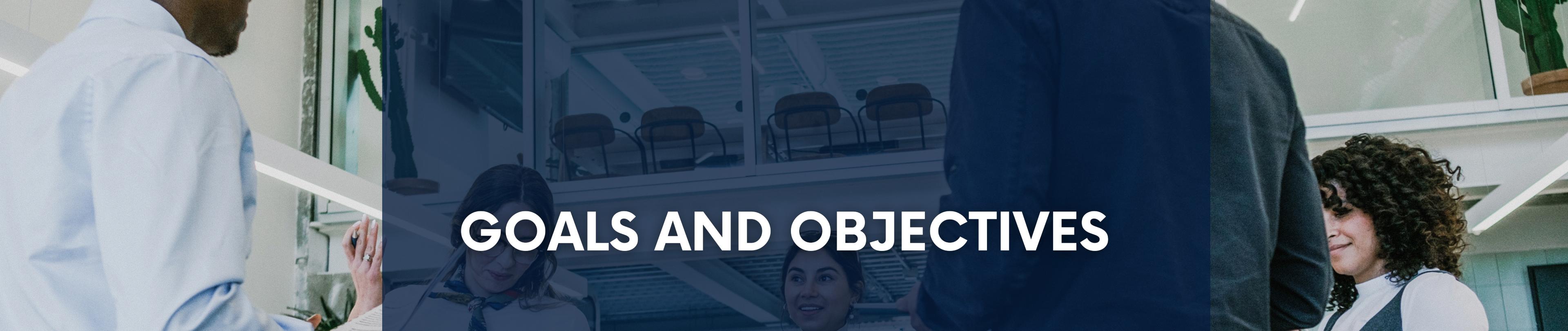
Data Analysis

05

Recommendations

06

Next Steps



# GOALS AND OBJECTIVES

## Safety

We analyzed aviation data to determine what Make and Models will incur the least amount of risk in our investment.

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## Customer and Employee Satisfaction

Safety will be our main goal for both our customers and employees. A safe flight ensures spending less money on repairs, insurance, and lawsuits.

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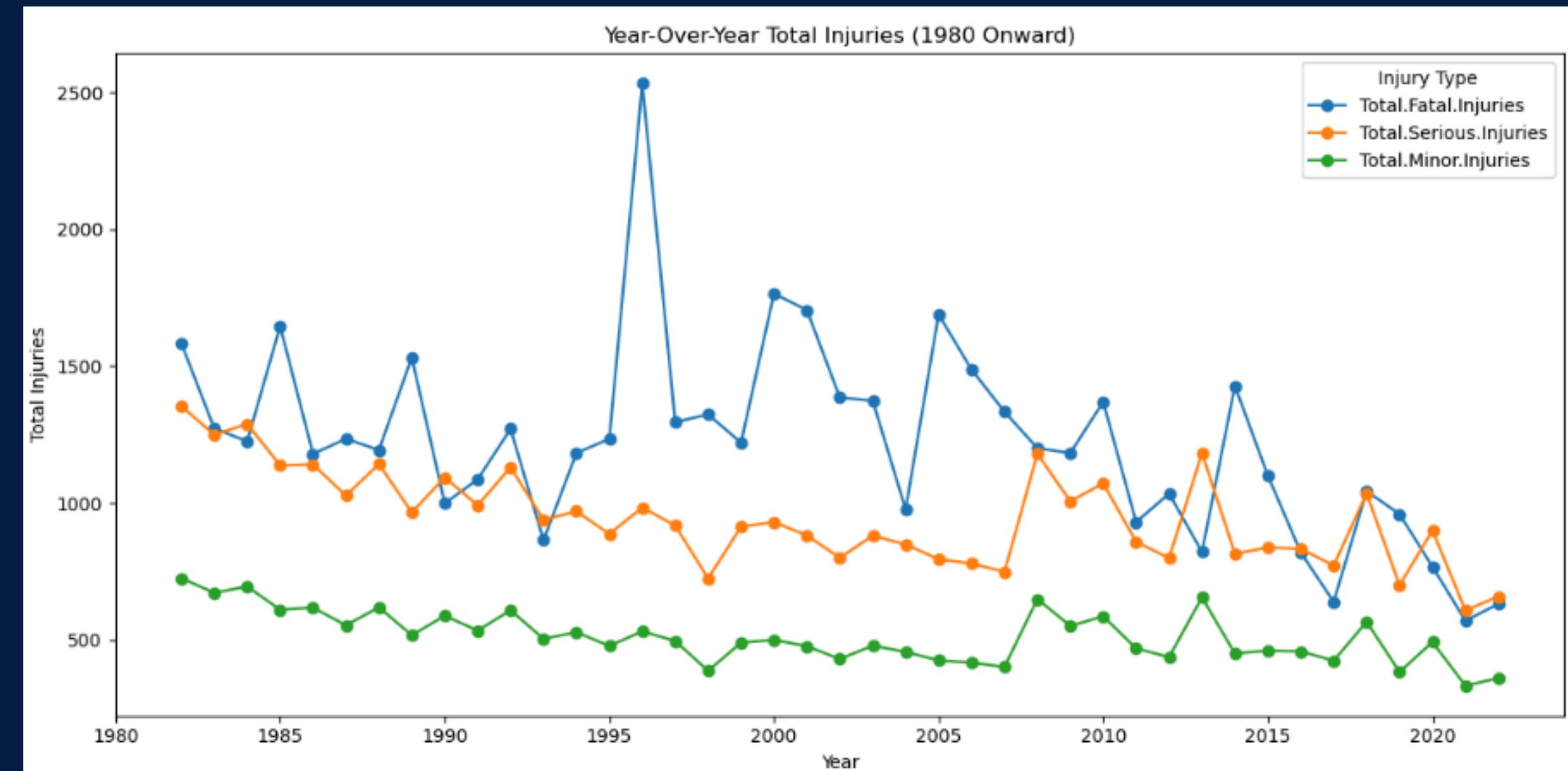
# TREND IN INJURIES YEAR OVER YEAR (YOY)

**55%**

Decrease in overall injuries  
from 1982 to 2023

**37%**

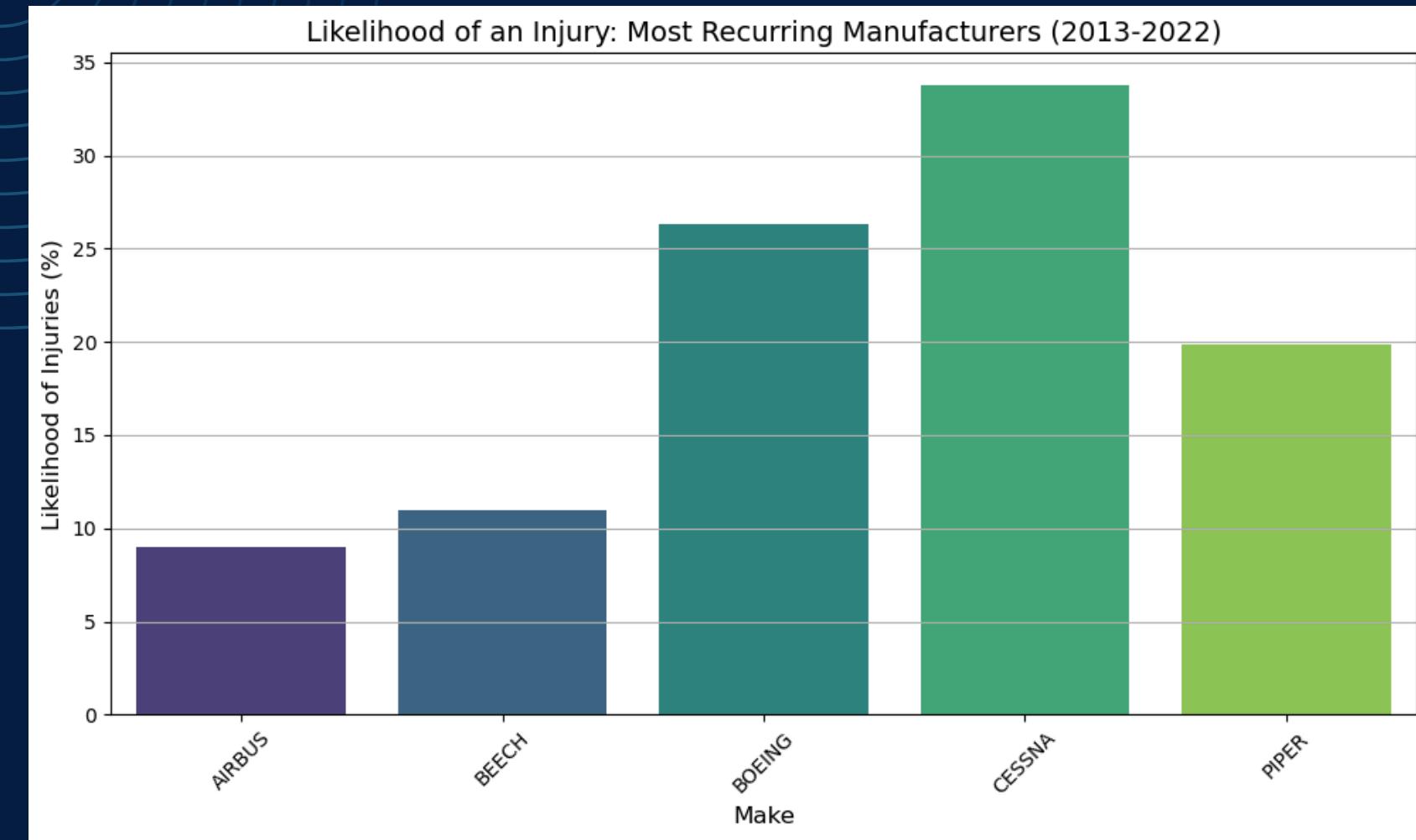
Decrease in overall injuries  
over the last 10 years



# Injuries by Most Recurring Manufacturers

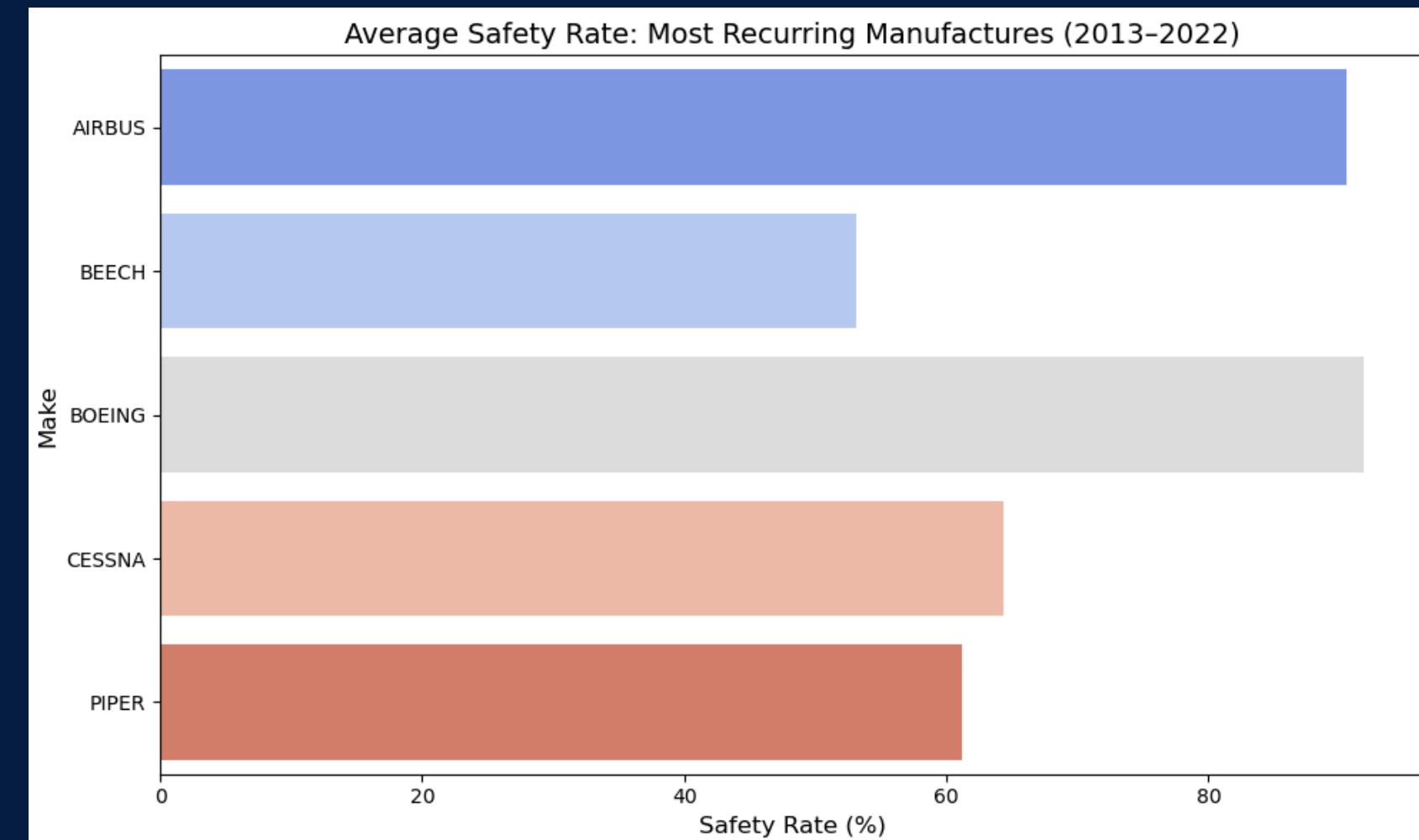
## Airbus

- 9% chance to incur an injury during an incident
- Least amount of injuries
- 91% safety rating (2nd highest)



## Boeing

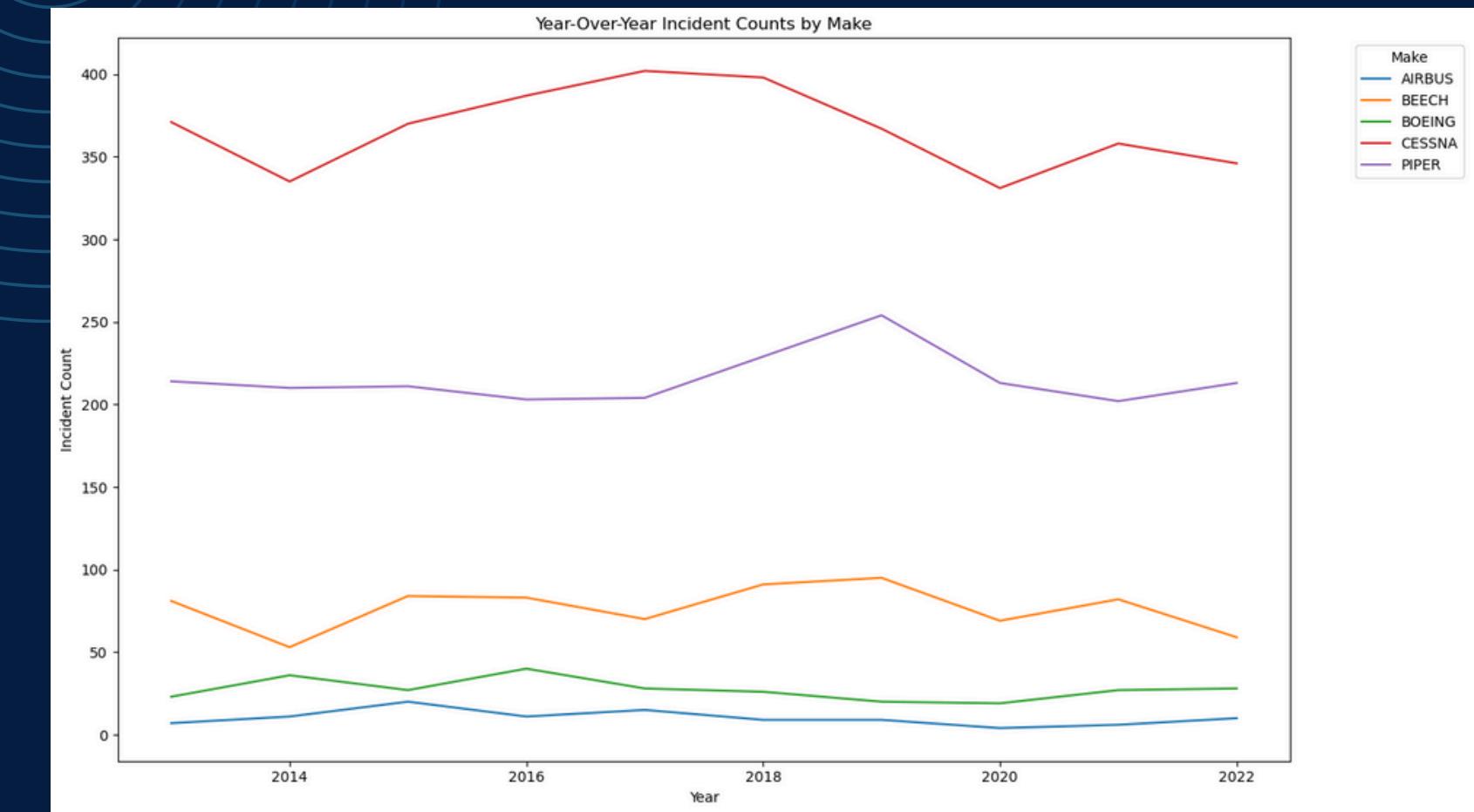
- 26% chance to incur an injury during an incident
- Highest sum of uninjured passengers (25000+)
- (92%) safety rating (highest)



# Incidents by Most Recurring Manufacturers

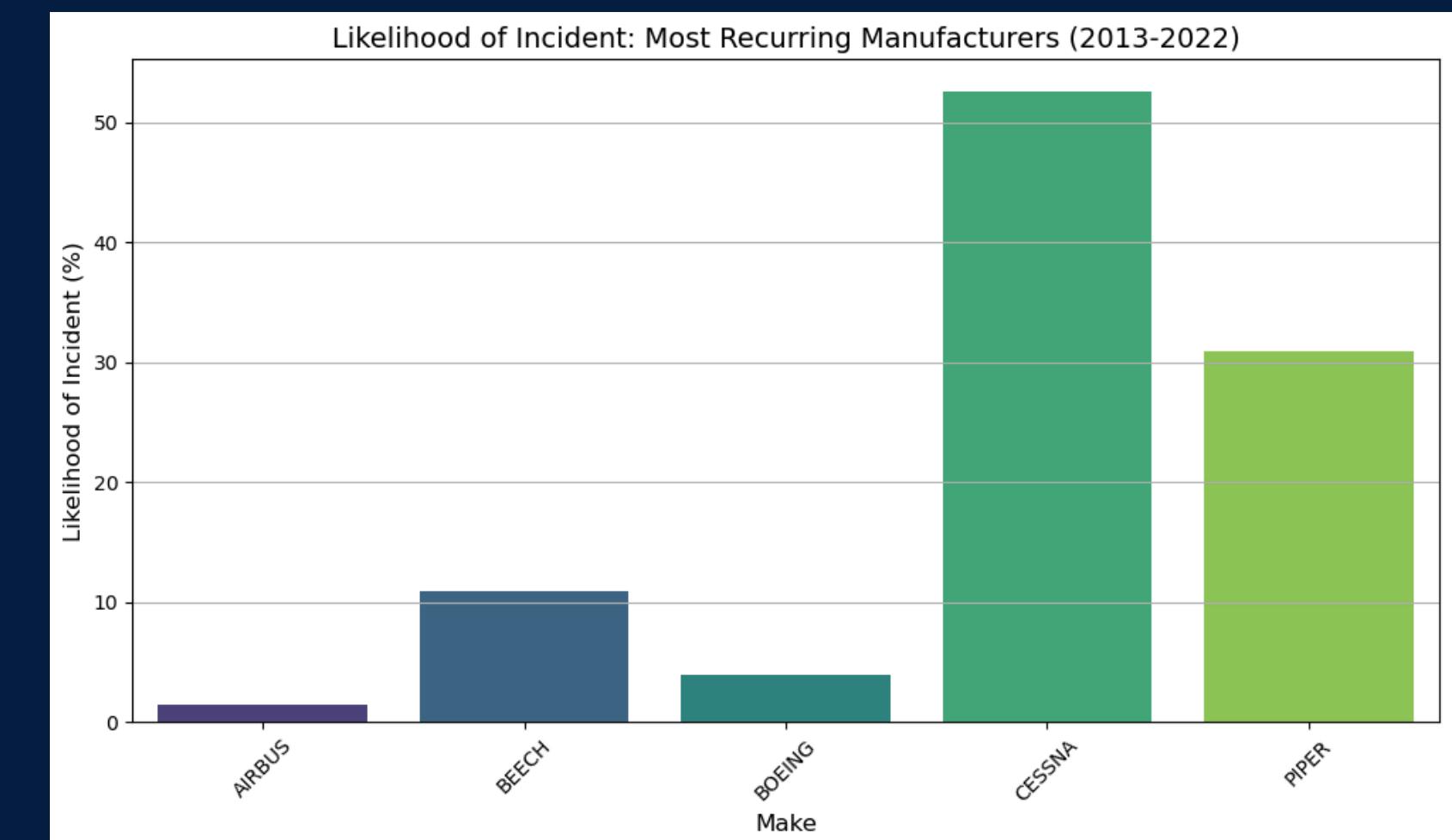
## Airbus

- Lowest incident count per year
- Lowest total incident count
- 1.4% likelihood of an incident



## Boeing

- Second lowest incident count per year
- Second lowest total incident count
- 4% chance of an incident



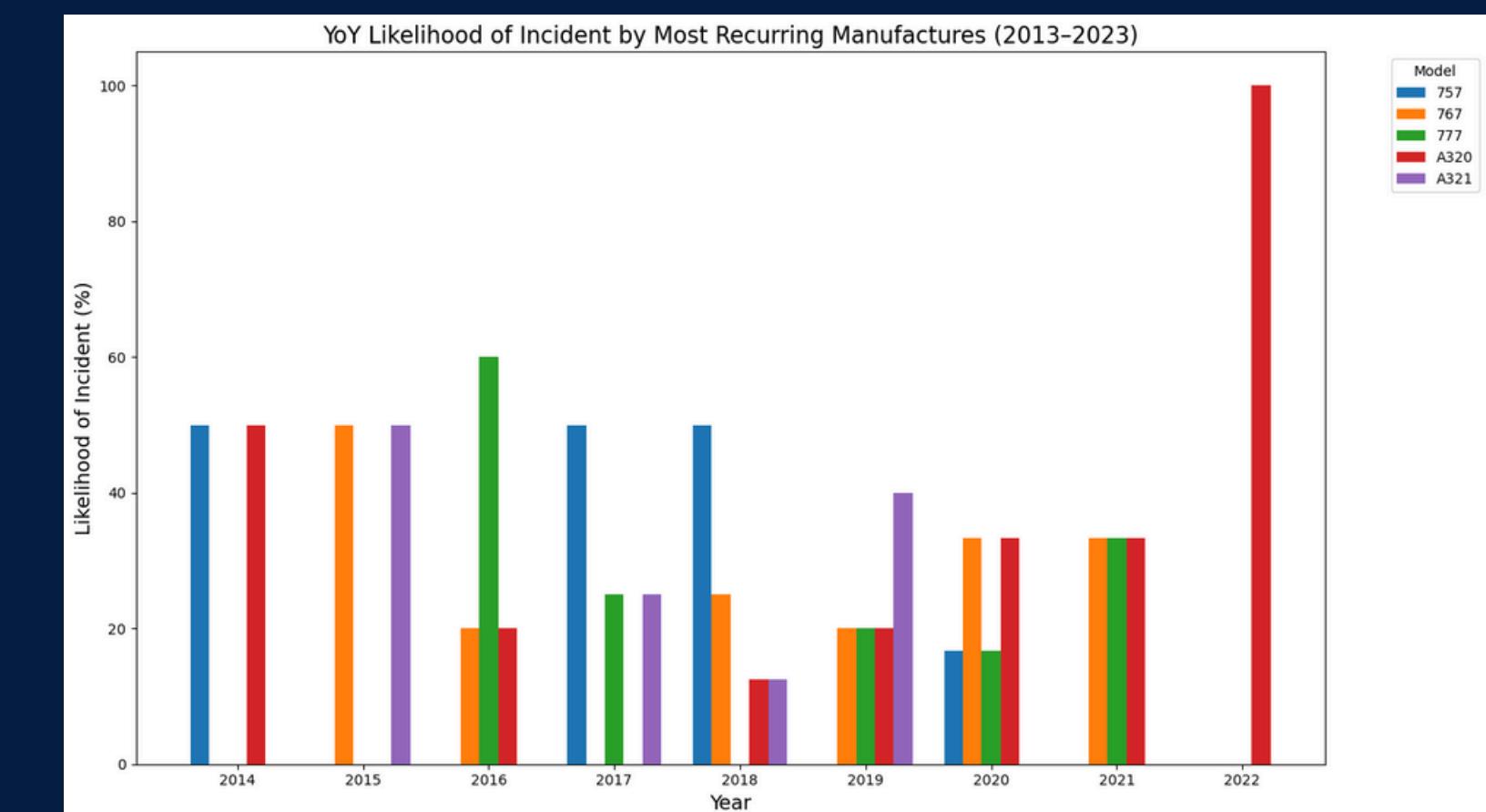
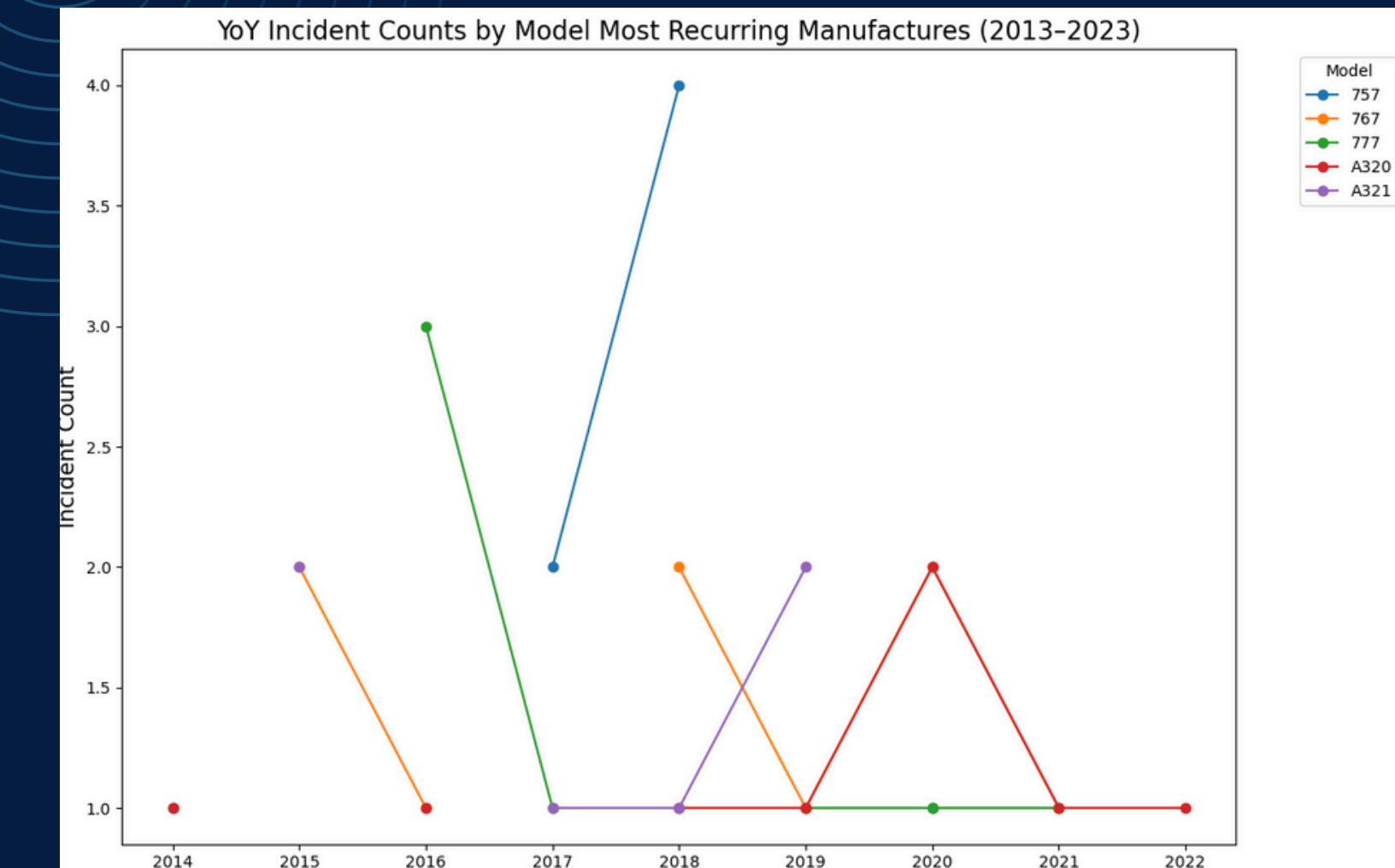
# Incidents by Most Recurring Model

## Airbus 231

- Lowest amount of total incident
- Lowest total incident count over 10yrs
- 4% likelihood of an incident

## Boeing 757

- Safety rating of 100%
- Second most total incident count
- 6% likelihood of an incident



# RECOMMENDATIONS

The Larger the Plane, the Safer

Boeing and Airbus

BOEING 757 AND AIRBUS 231

# NEXT STEPS

Find more detailed metrics about overall safety

Research the pricing for the suggested models

Evalaute overall safety and cost of recommended models

# Thank You