

Reach for the Skies

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TEAM



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Agenda

**Business
Problem**



**Data
Overview**



Analysis

Recommendations

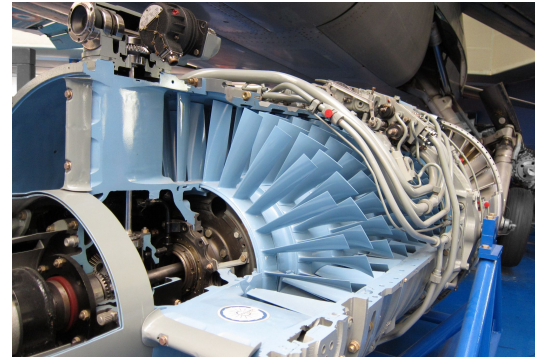


**Future
Steps**

Airbus less than 1% of Fatalities for Top Four

No Fatalities with Turbo Jet Engines

AIRBUS





Business Problem

Business Problem

- Inherently, there are risks associated with airplanes
- Incidents and Accidents
- Passenger Injuries
- Passenger Fatalities



Business Problem

Data Overview

Analysis

Reccs.

Future Insights





Data Overview

Data Overview

Data

- National Transportation Safety Board
- 1962 to 2023

Filters

- Domestic airplane flights post 9/11
- Top Four Manufacturers
- 2,688 accidents and incidents

Limitations

- Total Number of Flights unknown
- Manufacturer not necessarily the cause



Business Problem

Data Overview

Analysis

Reccs.

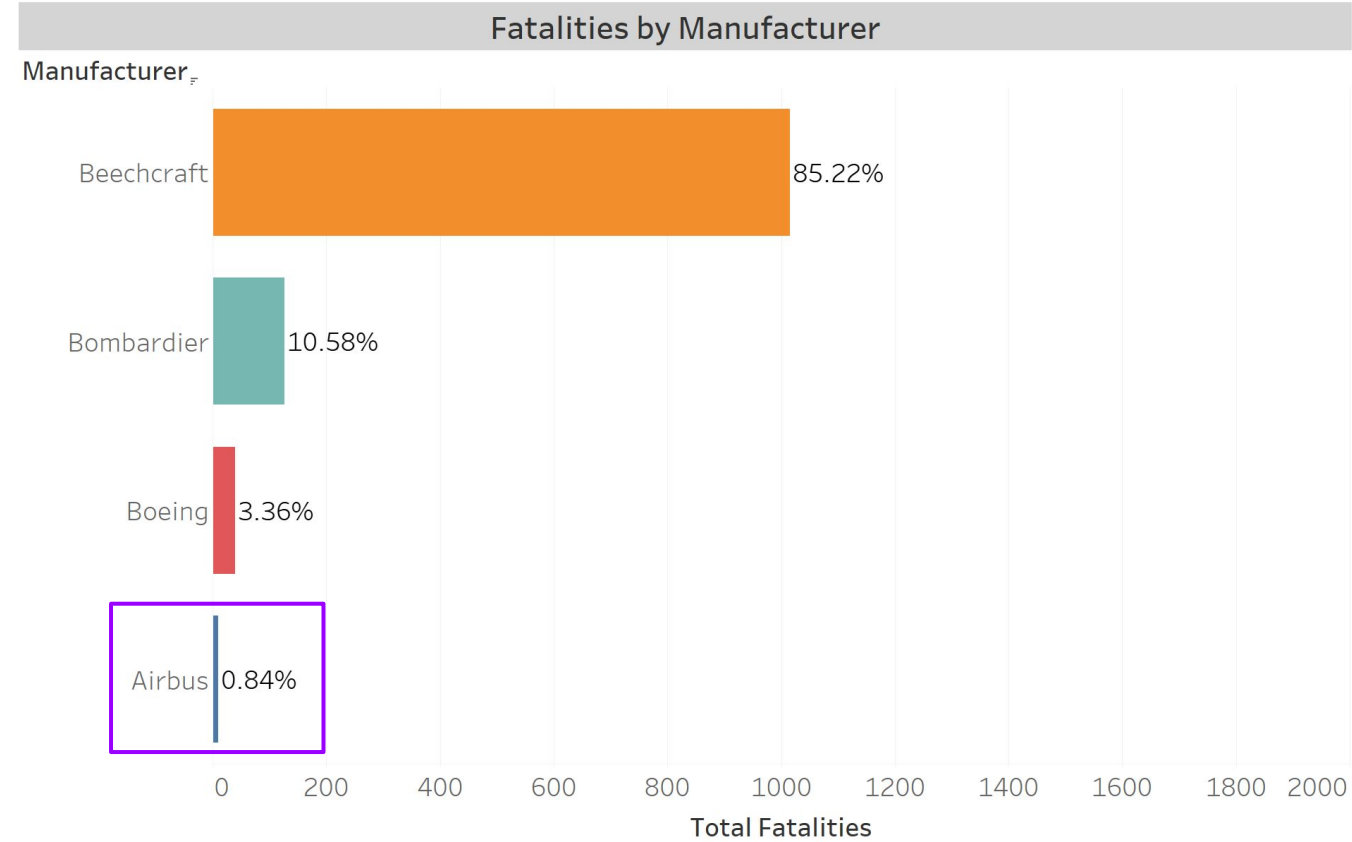
Future Insights





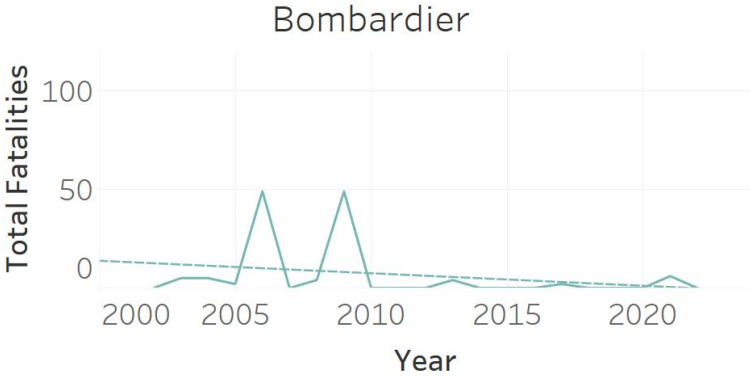
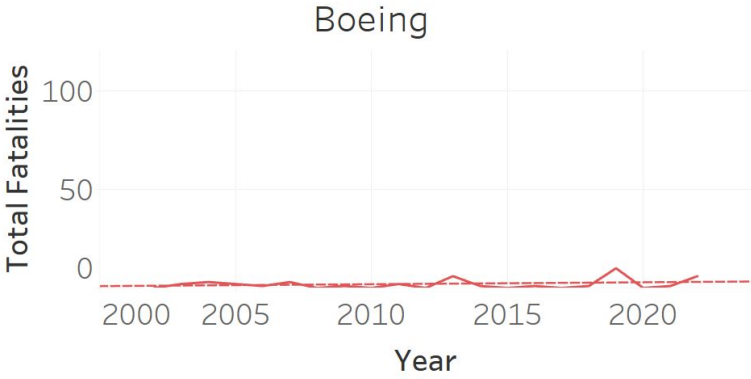
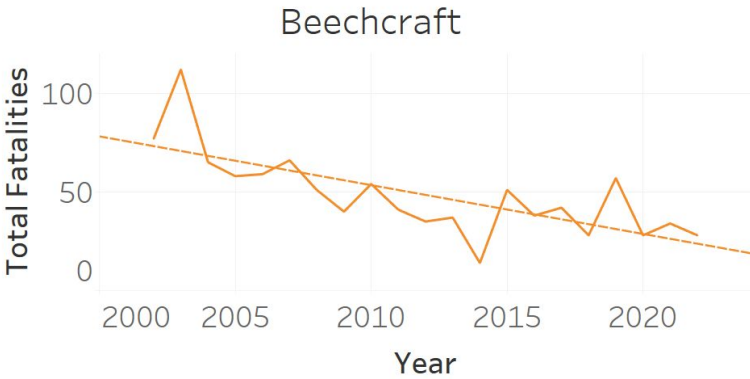
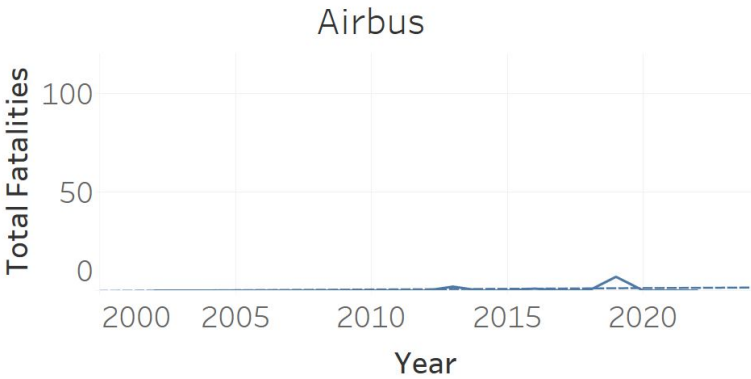
Analysis

Airbus less than 1% of Fatalities for Top Four



Airbus Remains Near Zero Fatalities Over Time

Fatalities Year by Year



Business Problem

Data Overview

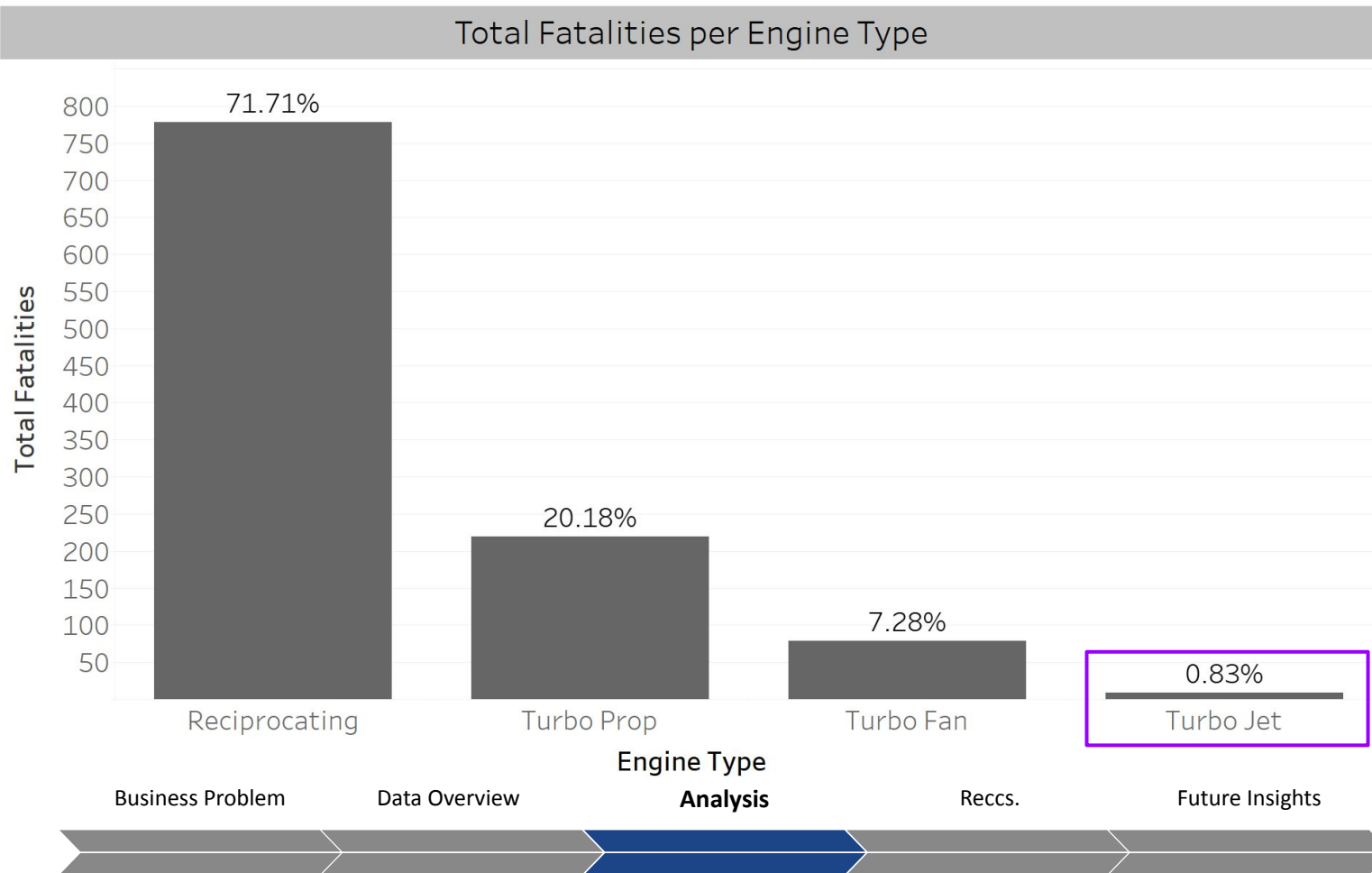
Analysis

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Future Insights



Turbo Jet less than 1% of Fatalities





Recommendations

Airbus less than 1% of Fatalities for Top Four

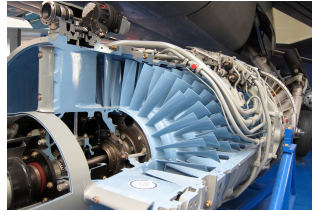
No Fatalities with Turbo Jet Engines

Buy Airbus Planes

Focus on Turbo Jet

Go Commercial

AIRBUS



Business Problem

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Reccs.

Future Insights

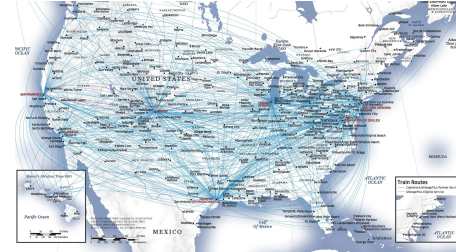




Future Insights

Future Insights

- Research Airbus Planes with Turbo Jet
 - A320ceo
 - A350F
- Compare with Total domestic flights
- Look into Bombardier as another option



Business Problem

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Future Insights





Questions?

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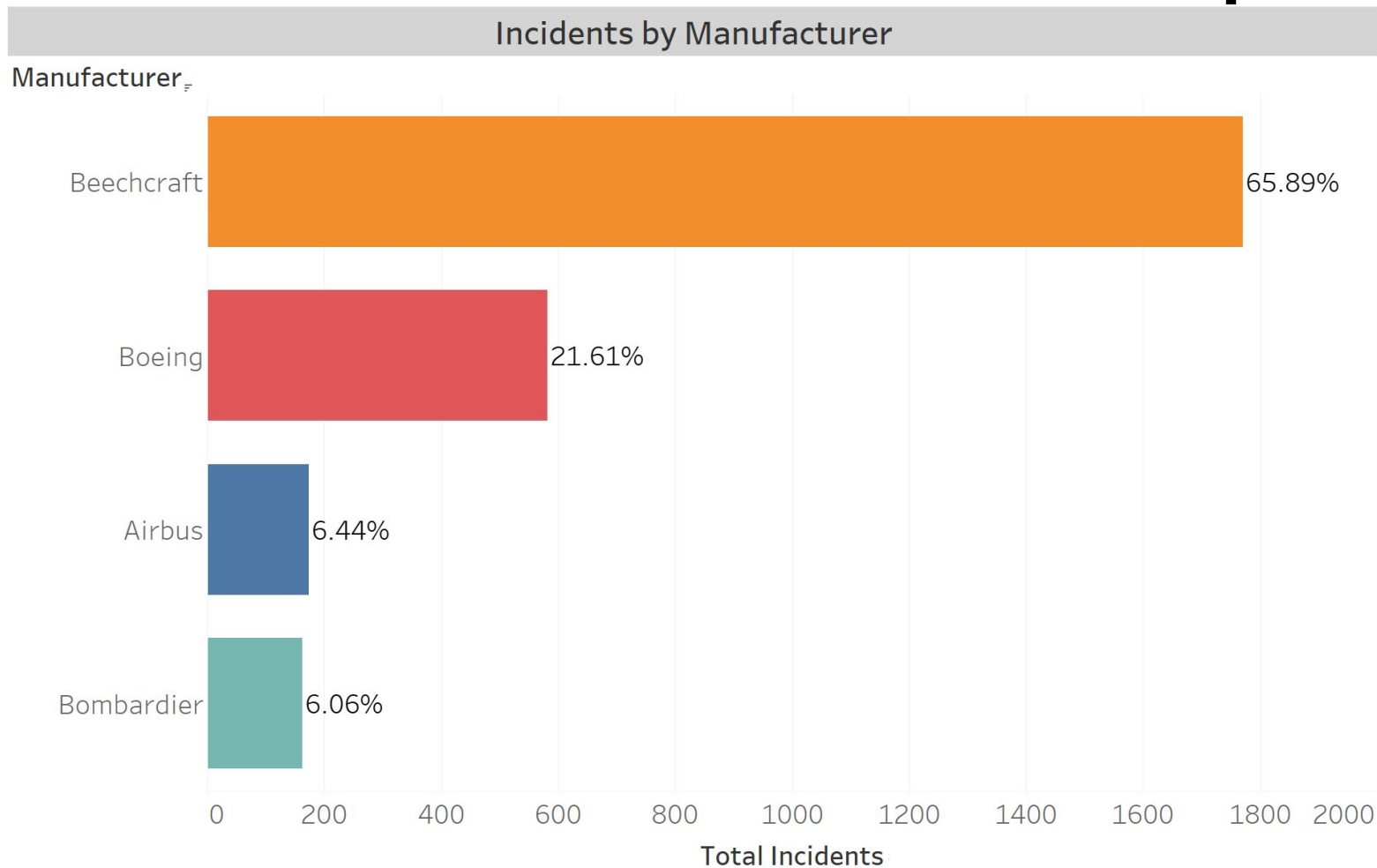


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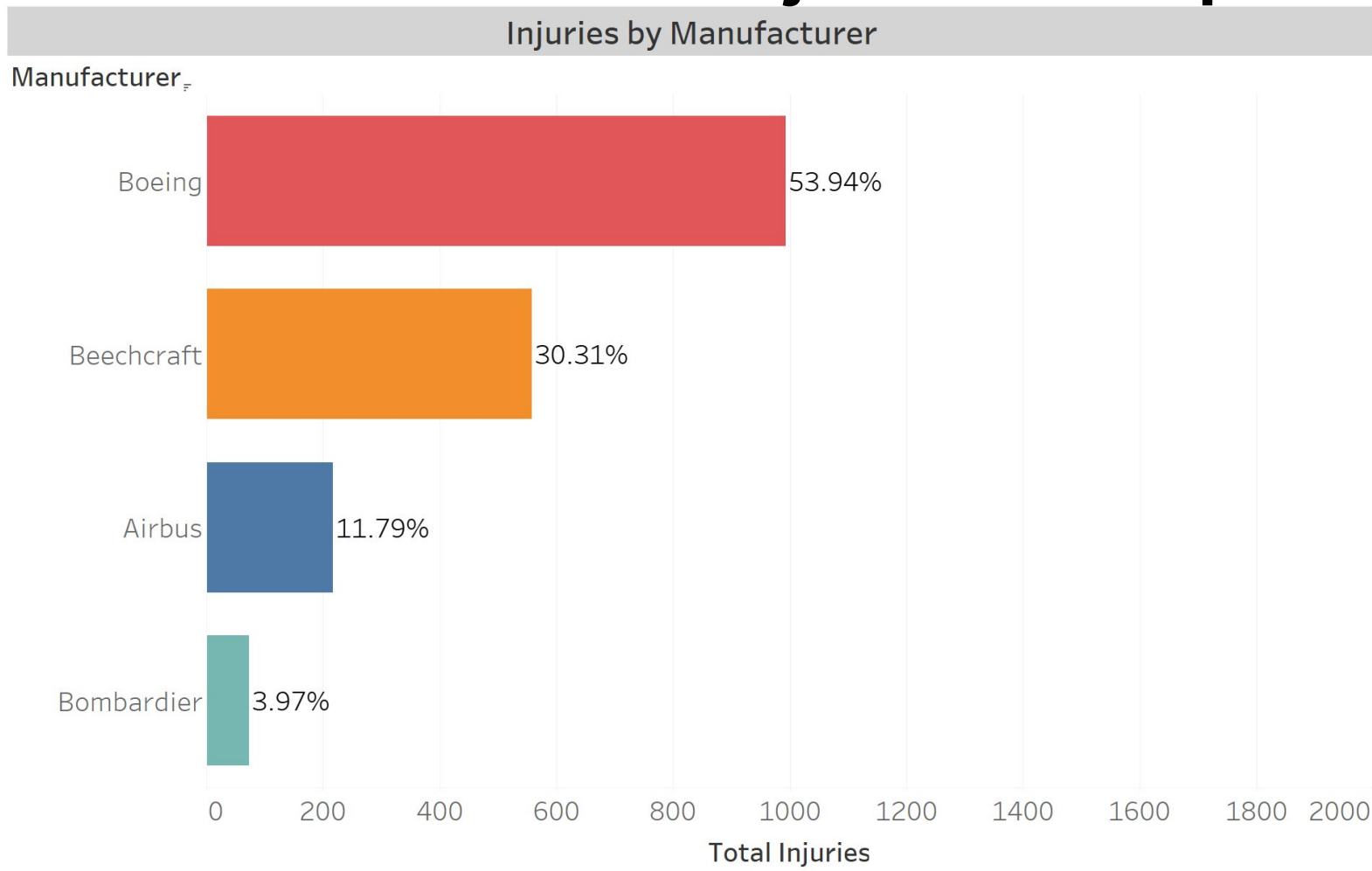


Appendix

Airbus less than 7% of Incidents for Top Four

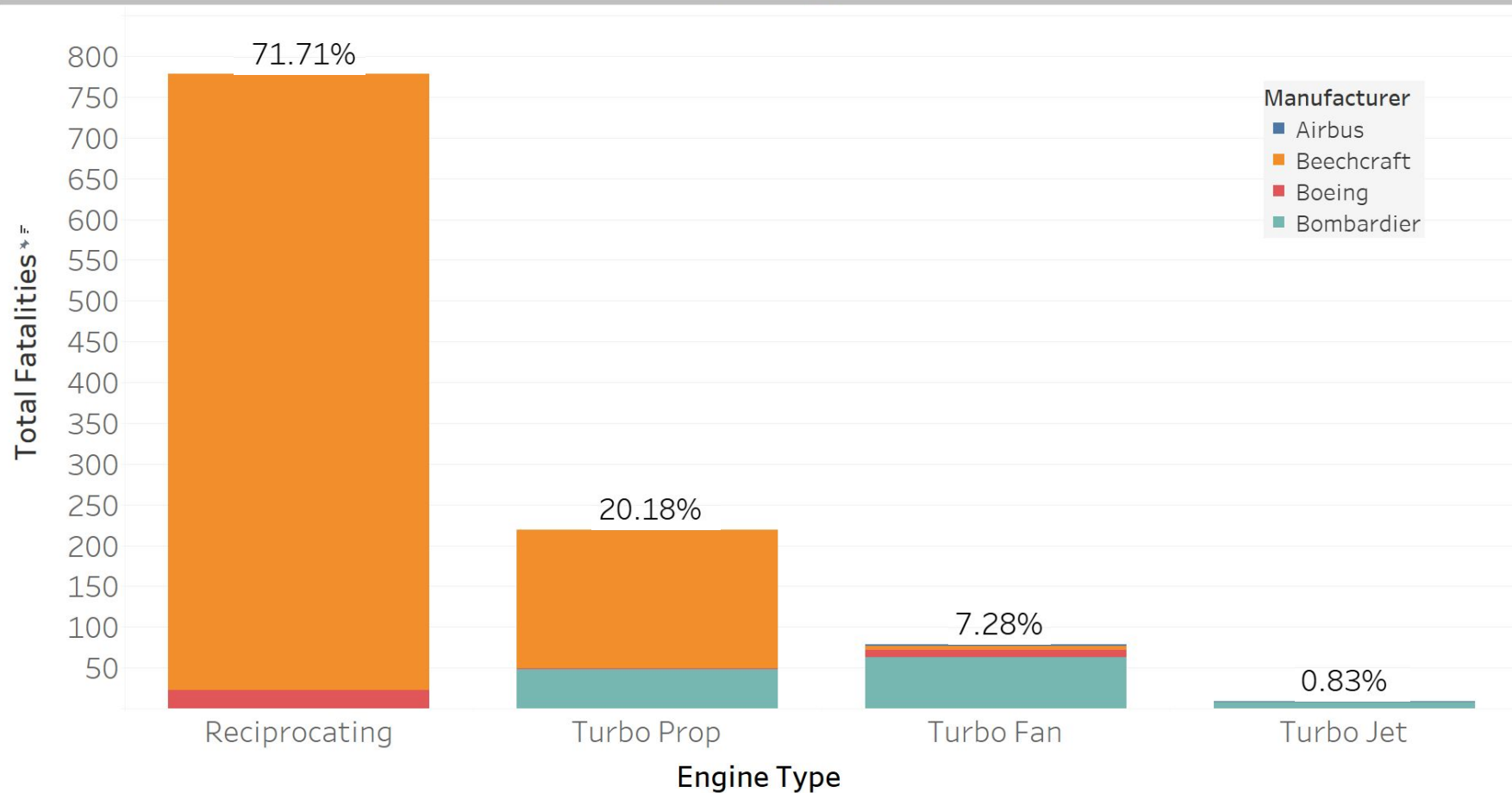


Airbus less than 12% of Injuries for Top Four



Zero Fatalities for Airbus Turbo Jet

Total Fatalities per Engine Type and Manufacturer



Additional Resources

- [Who are the Major Airplane Manufacturing Companies?](#)
- [Airbus vs Boeing](#)
- [The Real Risks of Engine Failures](#)
- [Types of Aircraft Engines](#)
- [A Look at How Airport Security Has Evolved Post 9-11](#)