

* Wilbur and Orville Wright made four brief flights at Kitty Hawk with their first powered aircraft.



How safe is air

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S

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Number of
flights
last year

38.4 M

Number of
passengers
last year

4.1

B

In the past year there were
on average

9,728

planes in the air at any
moment, carrying

1,270,406

passengers.

The aviation accident database throughout the world, from 1908-2019.

Date -Date of accident

Time - Local time

Location - Location of Crash

Operator - Airline or operator of the aircraft

Flight # - Flight number assigned by the aircraft operator

Route - Complete

AC Type - Aircraft type

Registration -ICAO Registration of the aircraft

cn/ln - Construction or serial number / Line or fuselage number

Aboard - Total aboard (passengers / crew)

Aboard Passengers - Passengers aboard

Aboard Crew - Crew aboard

Fatalities - Total fatalities aboard (passengers / crew)

Fatalities Passengers - Total fatalities aboard - passengers

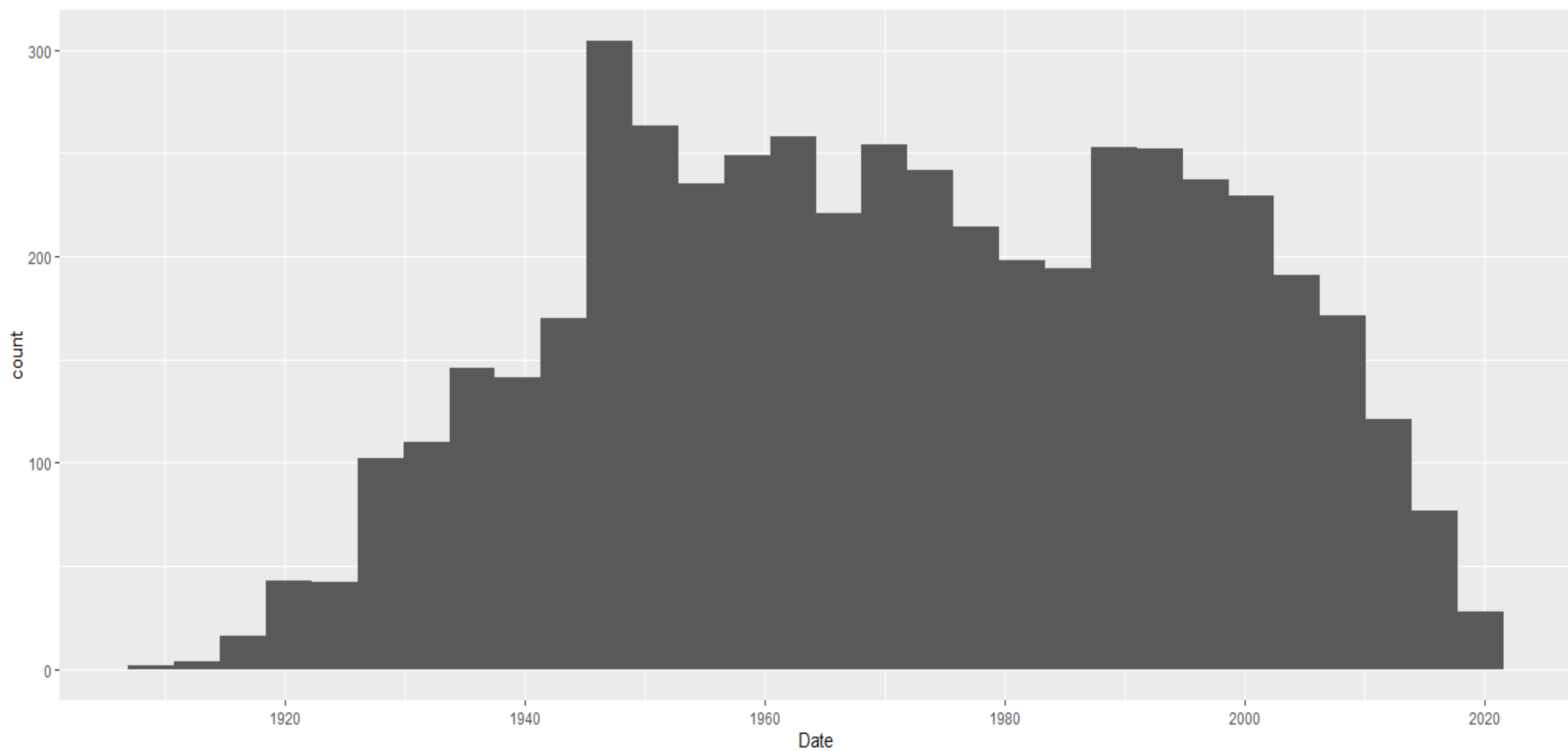
Fatalities Crew - Total fatalities aboard -crew

Ground - Total fatalities on ground

Summary - Brief description of the accident and cause if known

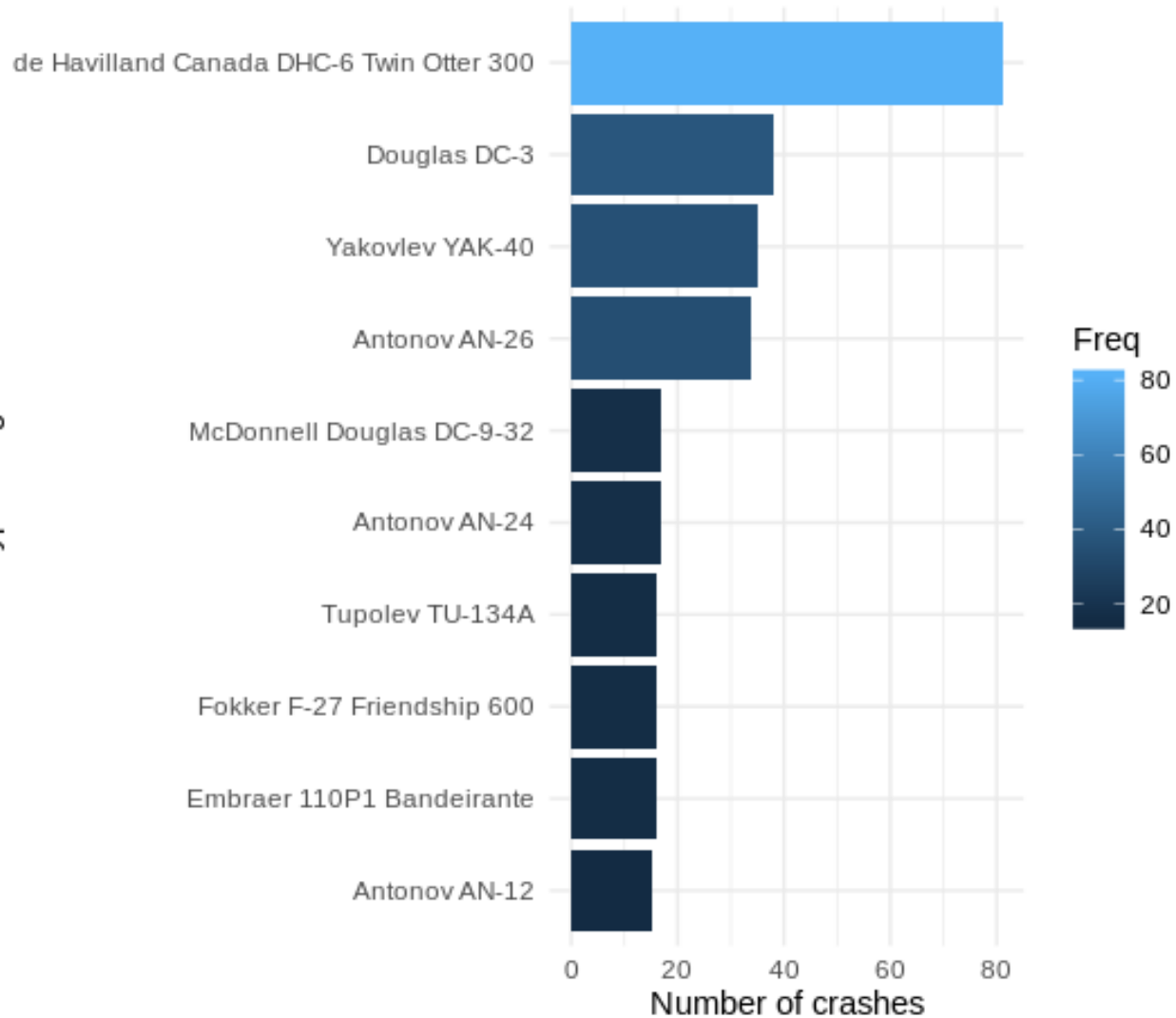
<https://www.kaggle.com/cgurkan/airplane-crash-d-since-1908>

Year vs No. of Fatalities



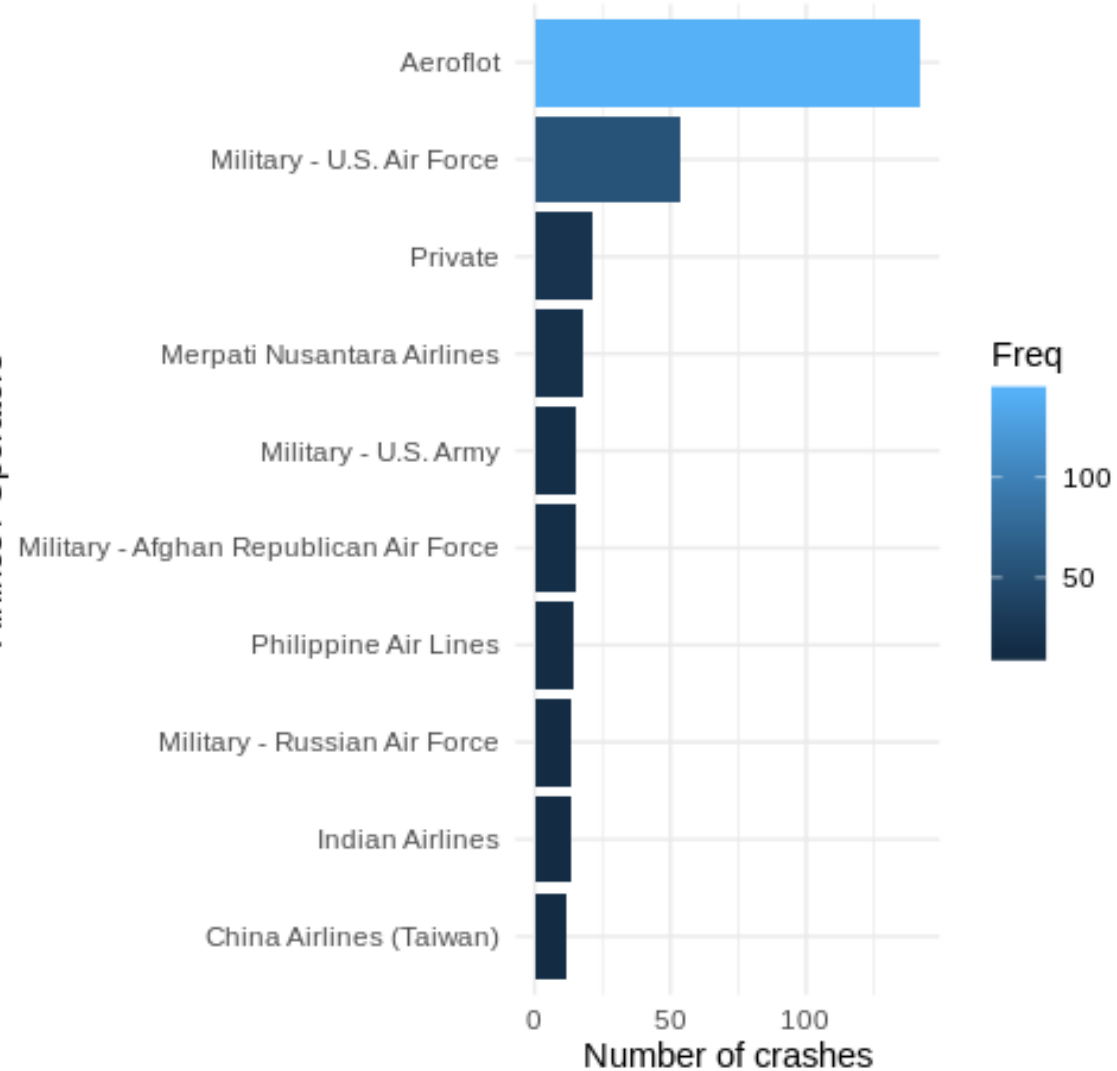
Type of flight

Type of flight VS Number of crashes

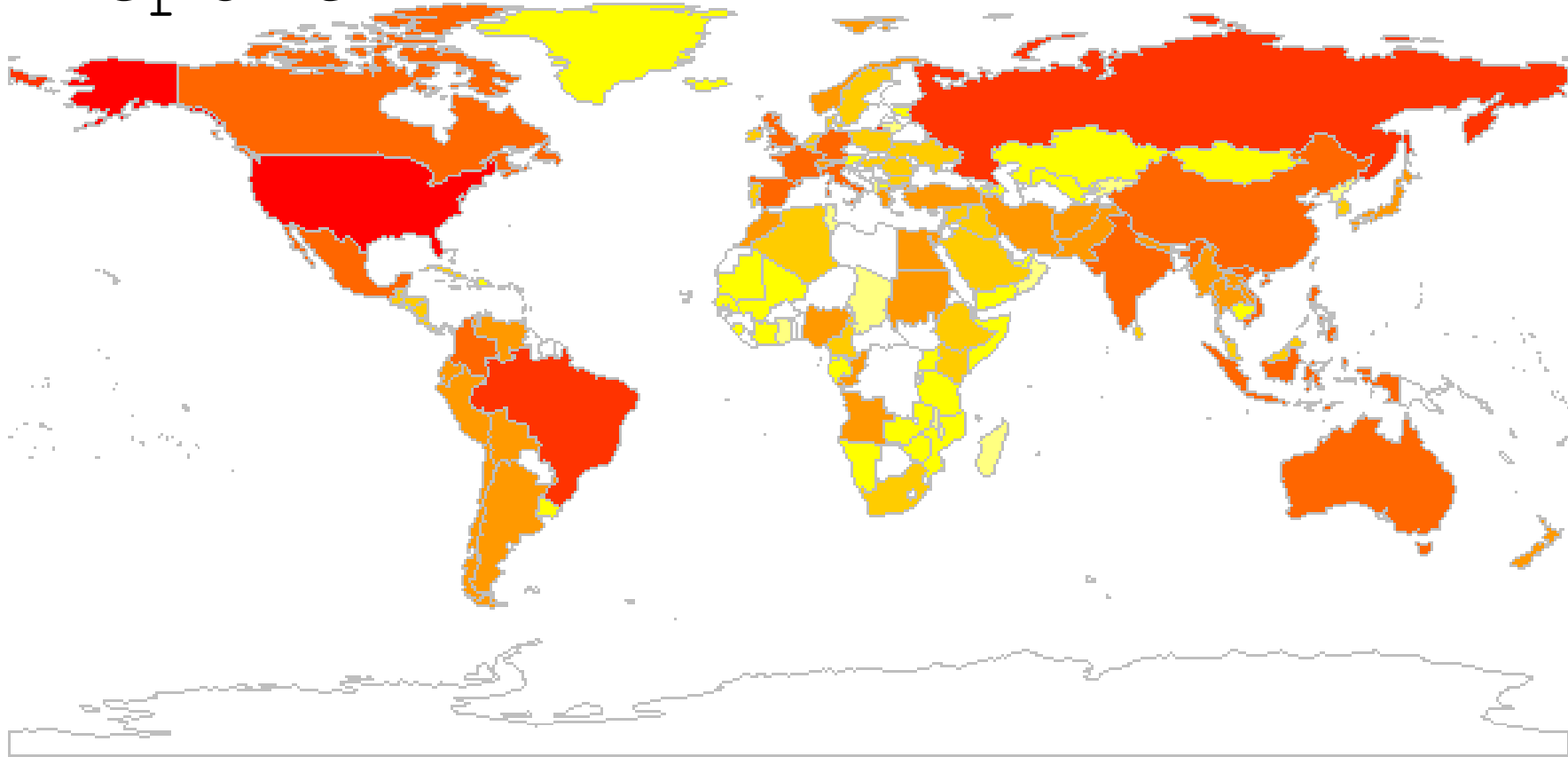


Airlines / Operators

Operator VS Number of crashes



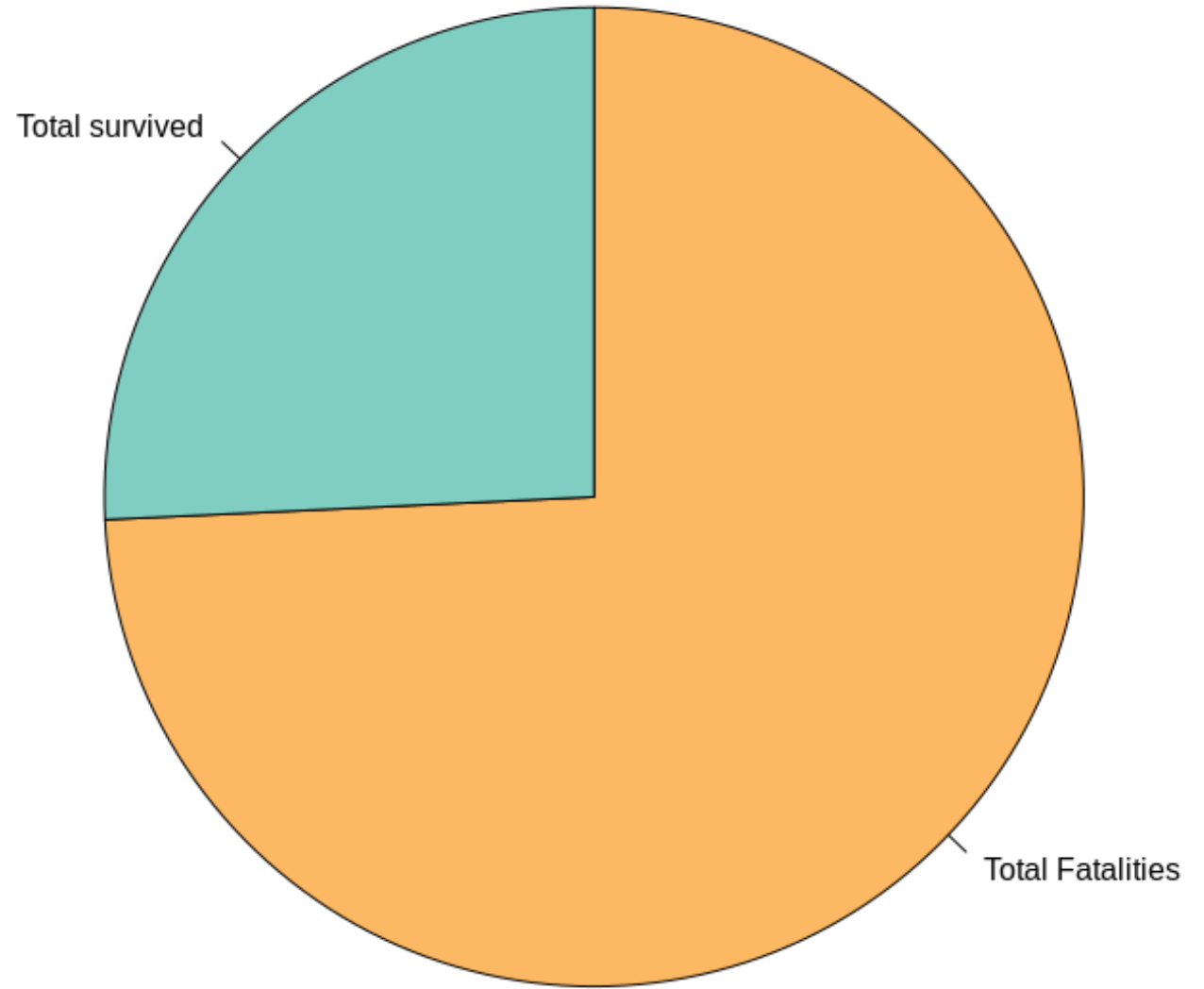
Country wise crash report



1

1407

Survival Rate in a Crash



Word cloud on
description of
crash data
before 1950



Word cloud on
description of
crashes that
resulted in
ground
fatalities



1. The Most Disastrous Airline Crashes ever

583

On Air

2750

Ground

2. How many times did all the people died

3514

34

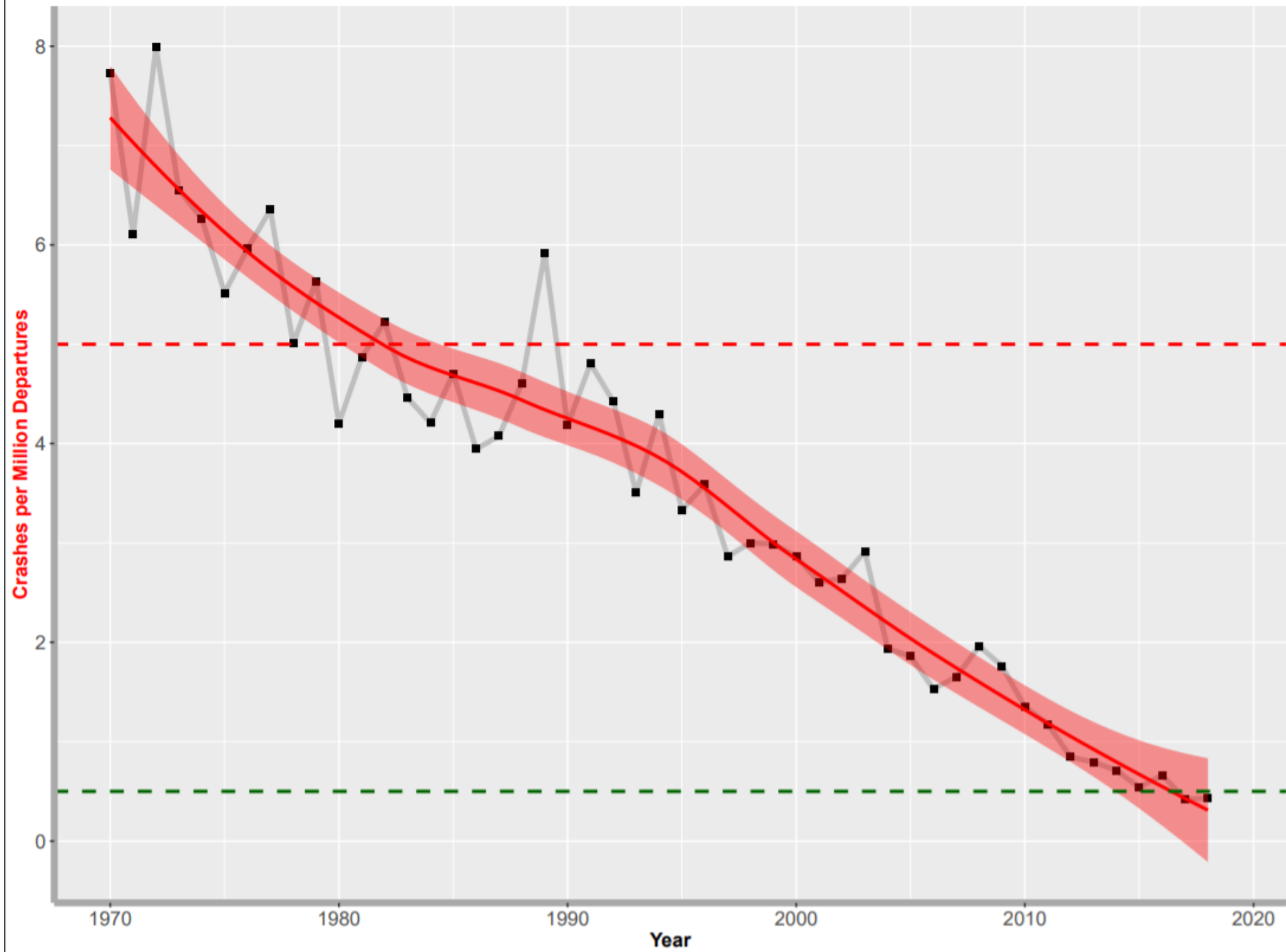
3. How many crashes during training, testing

81

29

17

Conclusion : Yes, Air Travel is Relatively Very Safe Today!



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