

Aviation Safety and Security Risk Management  
Harvard Case Solution & Analysis



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# Aviation Safety and Security Risk Management Harvard Case Solution & Analysis



# ***Introduction***

Why this topic?

- Seemed interesting
- Hot topic

Problem Statements:

- What are the safety regulations and procedures in aviation?
- What are the risks in aviation and how to avoid them?
- How safe do people find flying these days, after all the latest accidents?

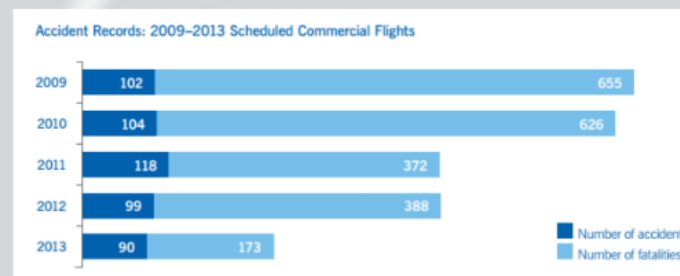
# ***Context***

International regulation and supervision actors among aviation

- ICAO
- IATA
  
- Finavia
- Finnish Civil Aviation Authority (Ilmailuhallinto)

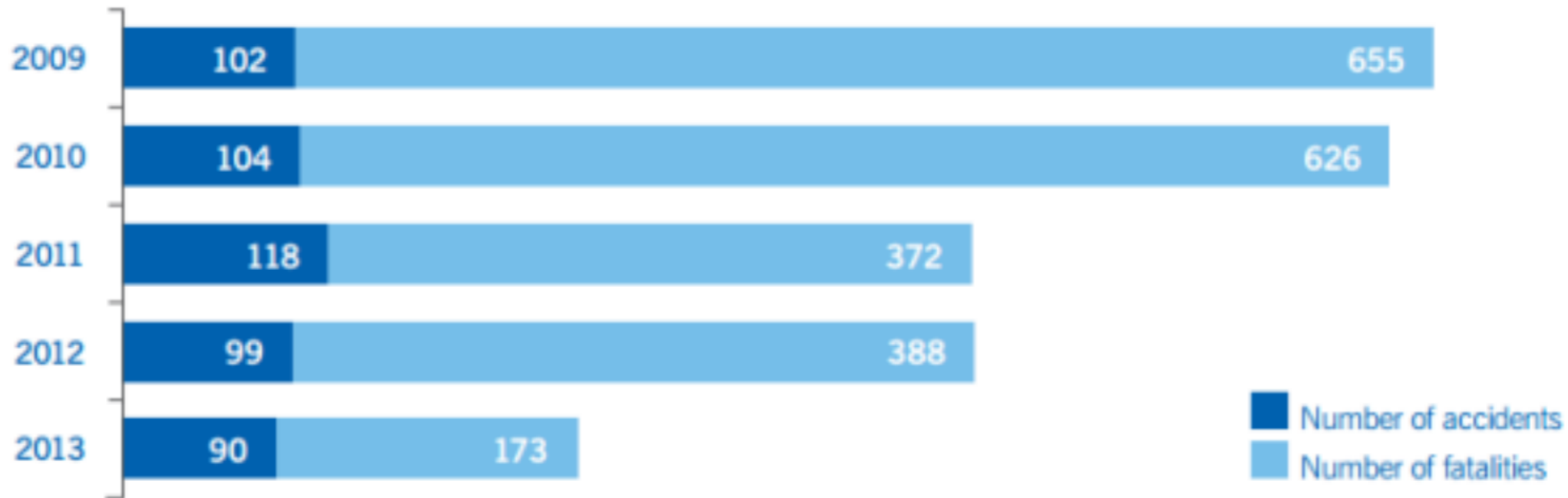
# *Aviation safety*

- Safest way to travel
- Accidents
- Risks
  - Highjacking, fear of flying, risks caused by passengers
- Safety indicators and supervision: safety information exchange program between states
- History and presence in aviation



# and presence in aviation

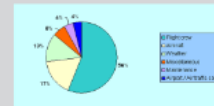
Accident Records: 2009–2013 Scheduled Commercial Flights



# *Safety Factors*

- Technical risks
  - Human error
  - Other risks
- 
- Almost every accident is a consequence of a chain of events
  - Accident reports often show a number of small things that lead to the accident

## *Preventing Risks*



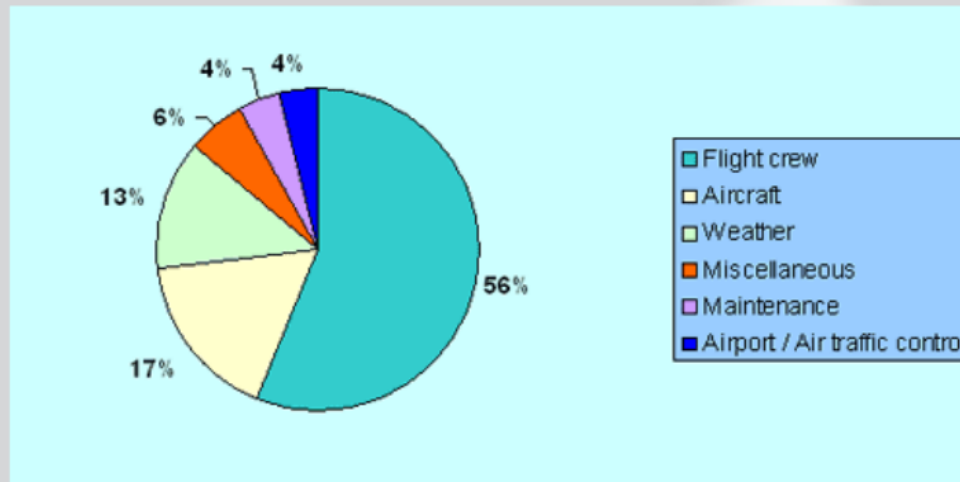
Main cause human error

- Crews are requested to follow a strict training routine
- Reasonable working hours and environment

Next aircraft failures

- Less likely in modern air crafts
- Aircraft maintenance

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