



# AIRLINE SAFETY

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THE NUMBERS BEHIND THE  
FLIGHTS

# Why Are We Here?



Recent media representation has portrayed air travel as dangerous



We will use actual data to debunk these theories

# Why the Negative Attention?

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FACTOR 1: COMMERCIAL  
DRIVE TO PUBLISH NEGATIVE  
STORIES



FACTOR 2: NOT ALL EVENTS  
CAN BE COVERED



FACTOR 3: FOCUS ON  
INFREQUENT INCIDENTS

# Aviophobia

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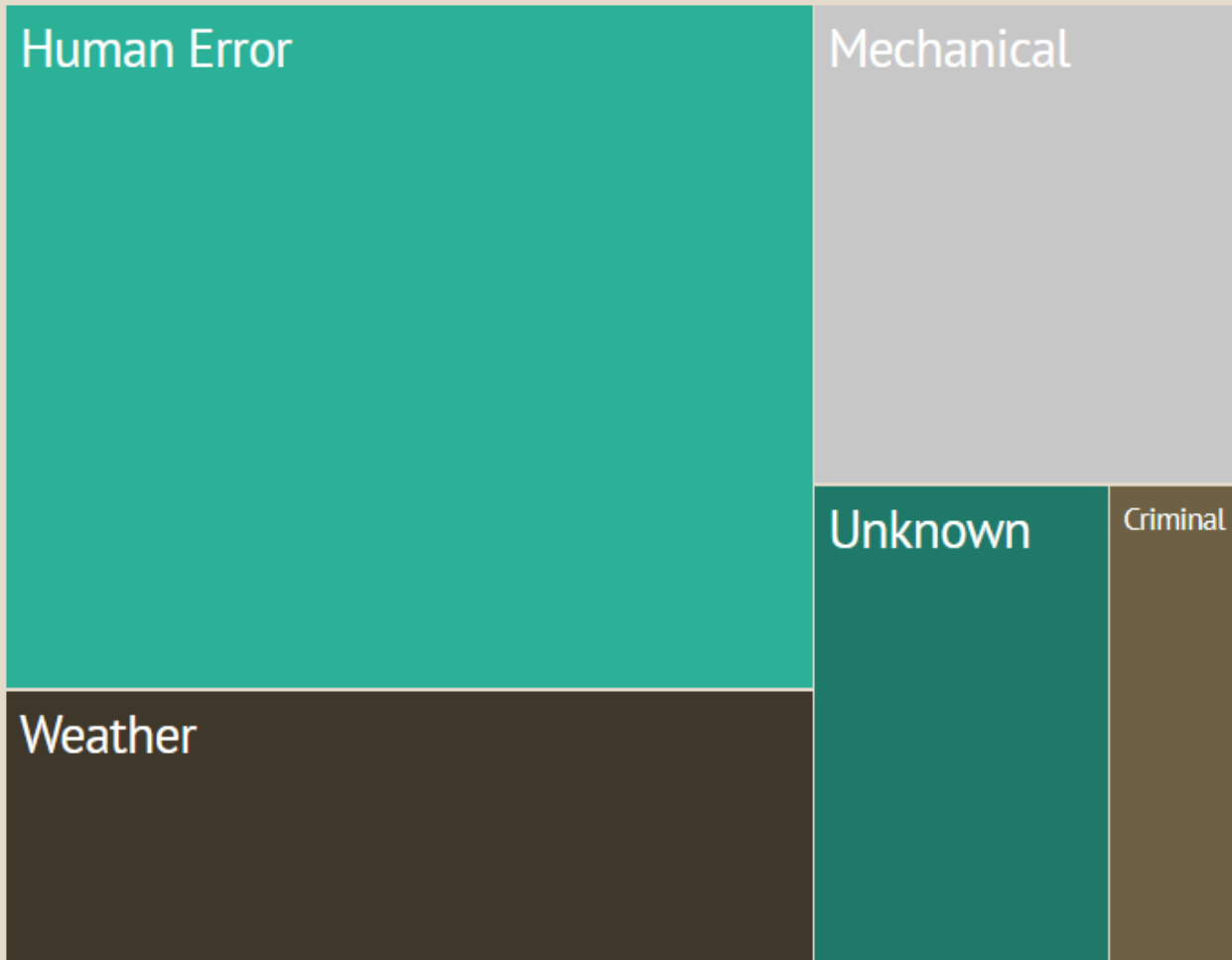
- In addition to negative media portrayal, a vast majority of the population has an innate fear of flying
  - Between 33% and 40% of all people experience some form of anxiety when it comes to flying.
  - Between 2.5% and 5% of the population have crippling anxiety, a genuine fear of flying that is classified as a clinical phobia.

# Let's Dive In

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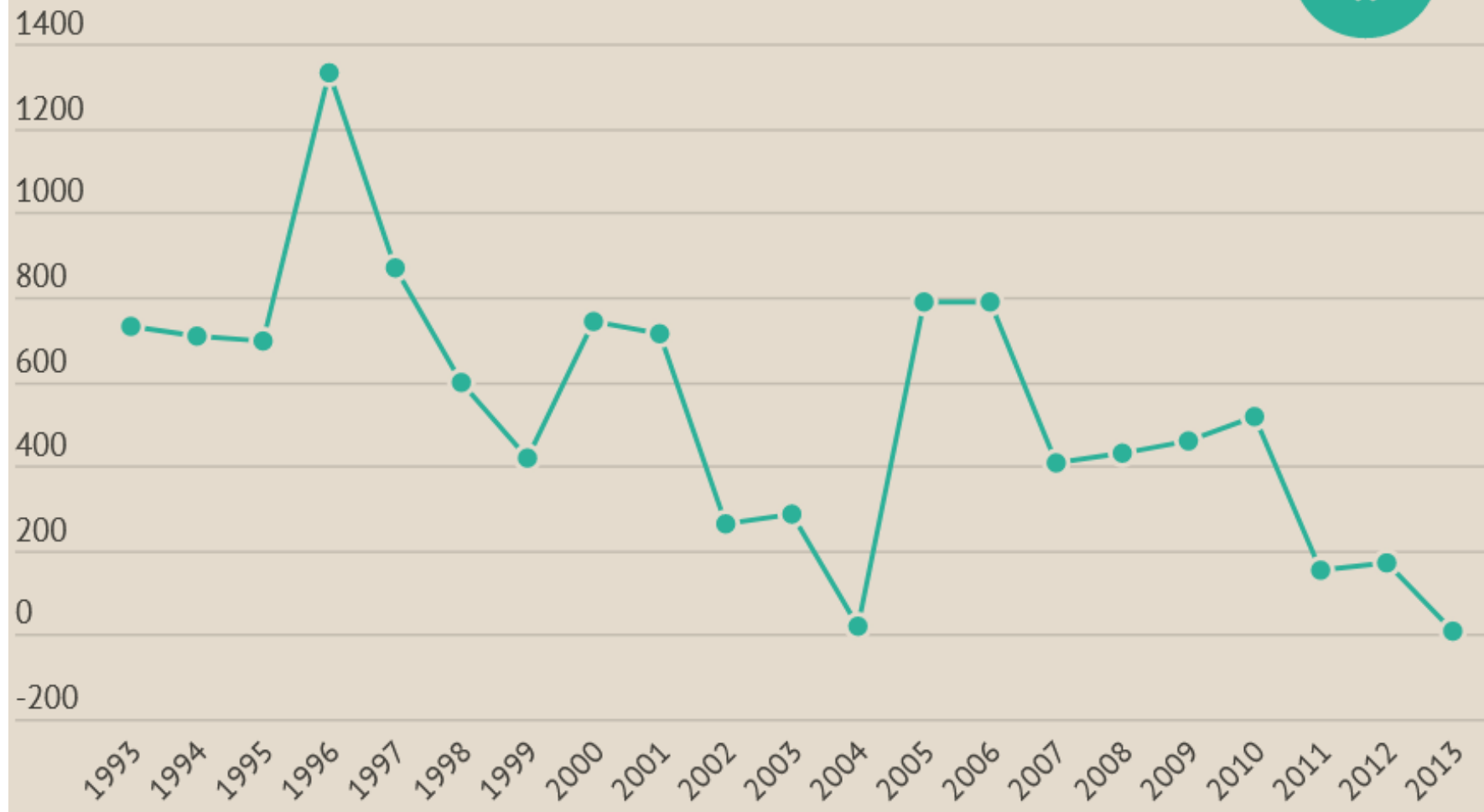
TIME TO LOOK AT SOME REAL DATA TO SEE WHAT IS GOING ON

# WHAT CAUSES ACCIDENTS



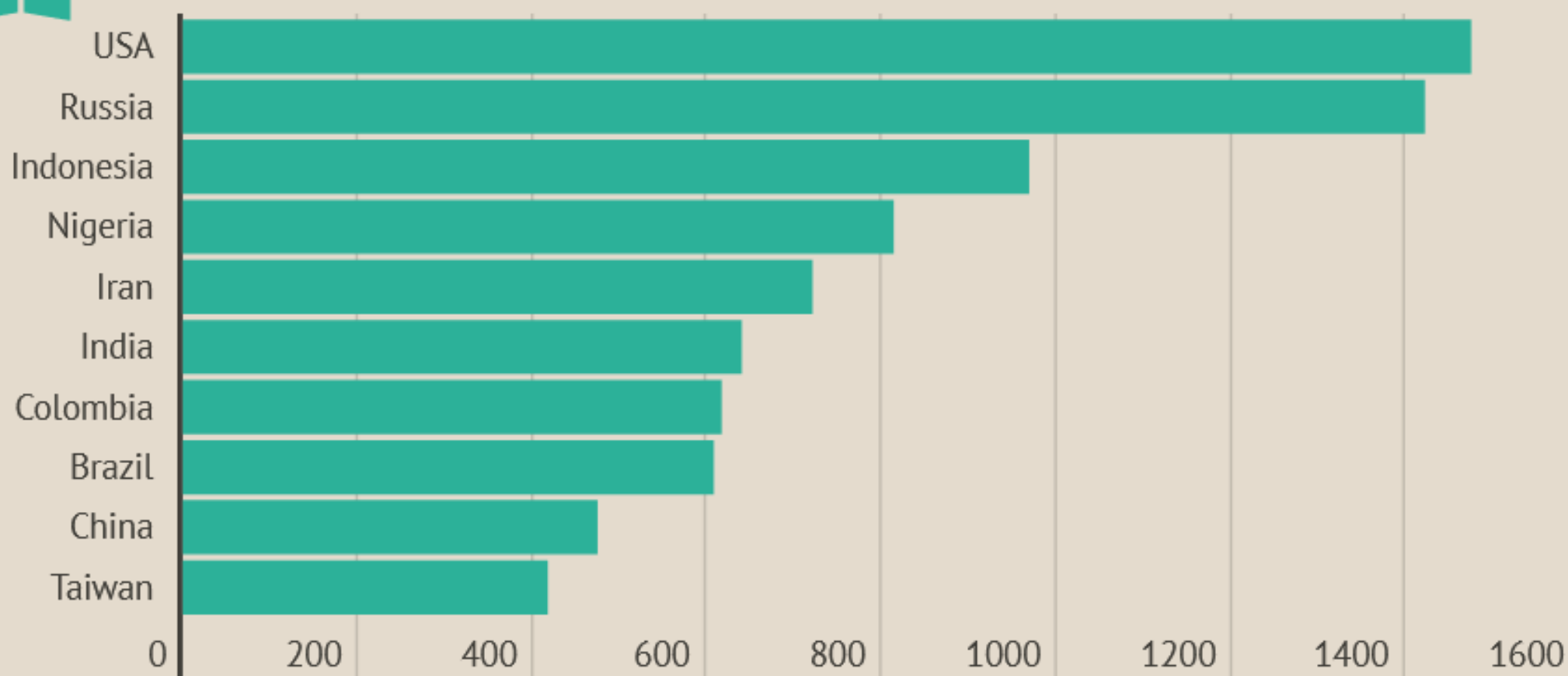
Since 1996, the majority of commercial airline accidents have been caused by human error.

## A CLOSER LOOK AT HUMAN ERROR





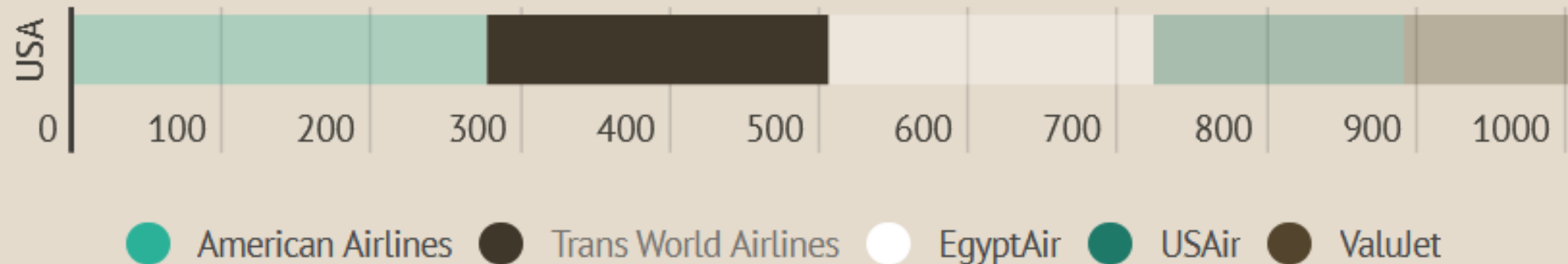
## WHERE ARE THE ACCIDENTS HAPPENING?







## WHAT'S UP WITH THE USA?



## COMPARISON TO OTHER MODES OF TRAVEL



36560



1000



684



393

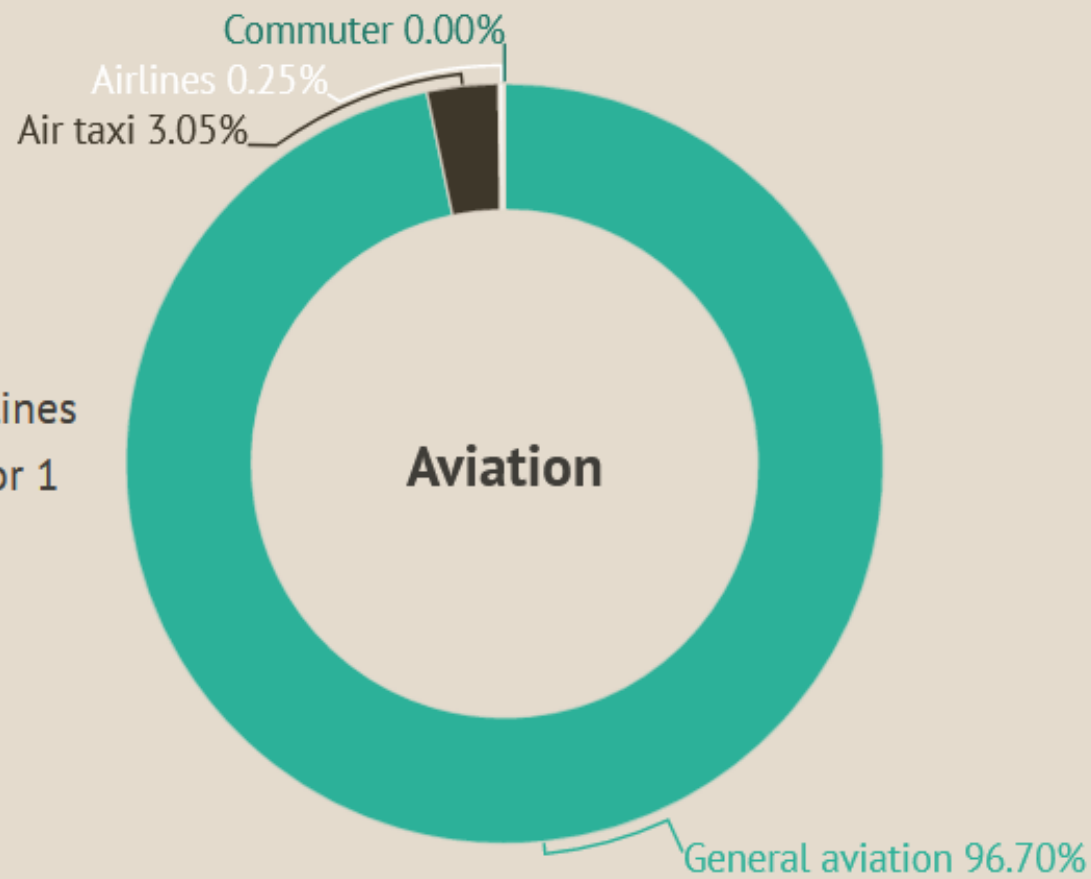
- Highway
- Railroad
- Marine
- Aviation



## FINAL LOOK AT AVIATION

Taking a final look at the aviation data from 2018, we see that General Aviation makes up almost 97% of the fatalities. Airlines and Commuter combined for only 0.25% (or 1 out of 393 fatalities).

Chris Goodwin - DSC640





# CONCLUSION

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WHERE DO WE GO NOW?