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**Australian Transport Safety Bureau**

Safe  
Transport



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## Vision and Mission

*The aim of the Australian Transport Safety Bureau is to maintain and improve transport safety and public confidence through excellence in*

- *independent investigation of transport accidents and other safety occurrences;*
- *safety data research and analysis; and*
- *safety communication and education.*



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# National birdstrike trends -

*What do the numbers tell us?*

David Wilson

ATSB birdstrike statistics, reporting trends and requirements

# Overview

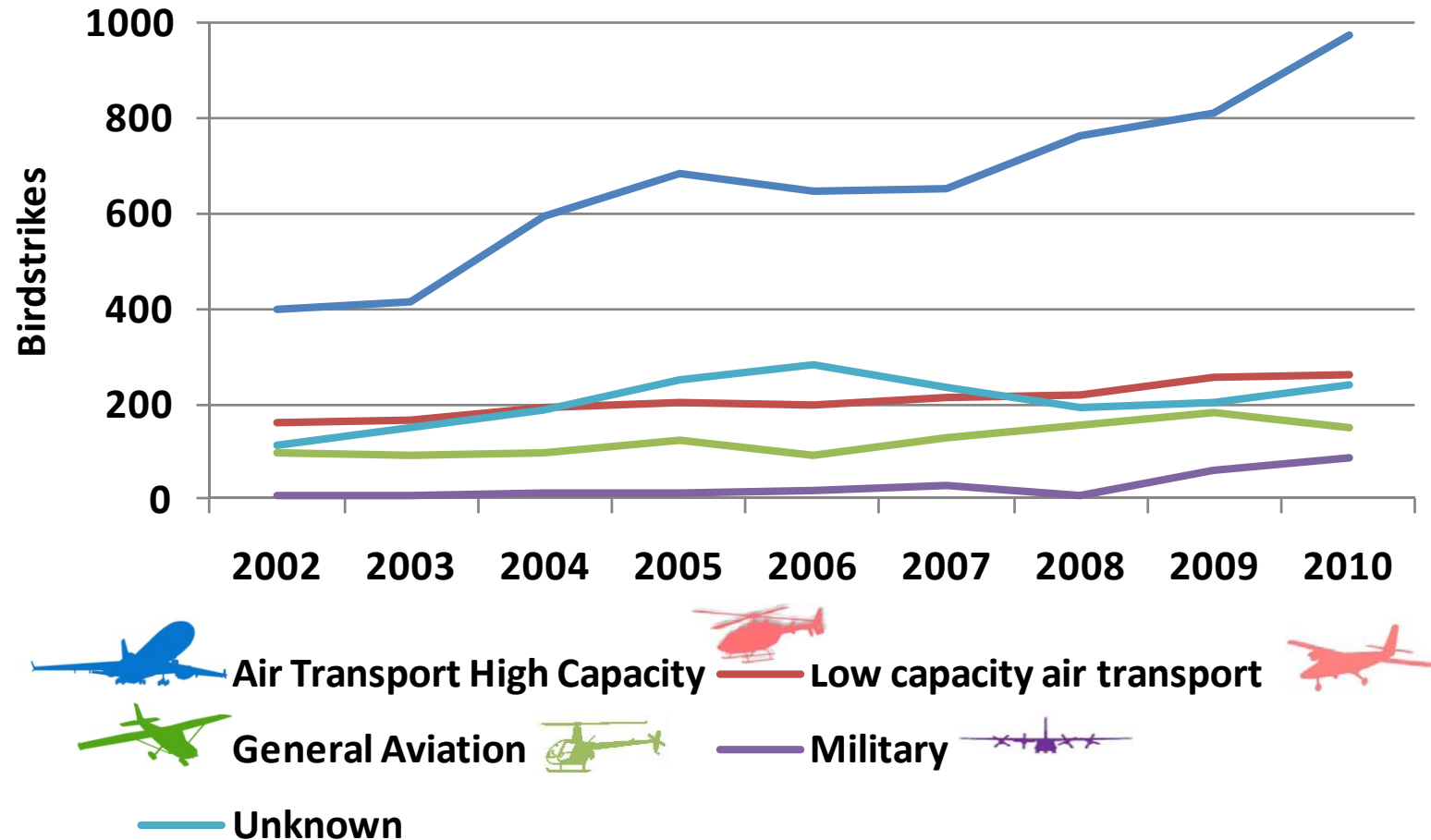
- Recent Australian aviation birdstrike trends
- Bird related notifications received
- Submitting reports to the ATSB
- Your next birdstrike statistics report



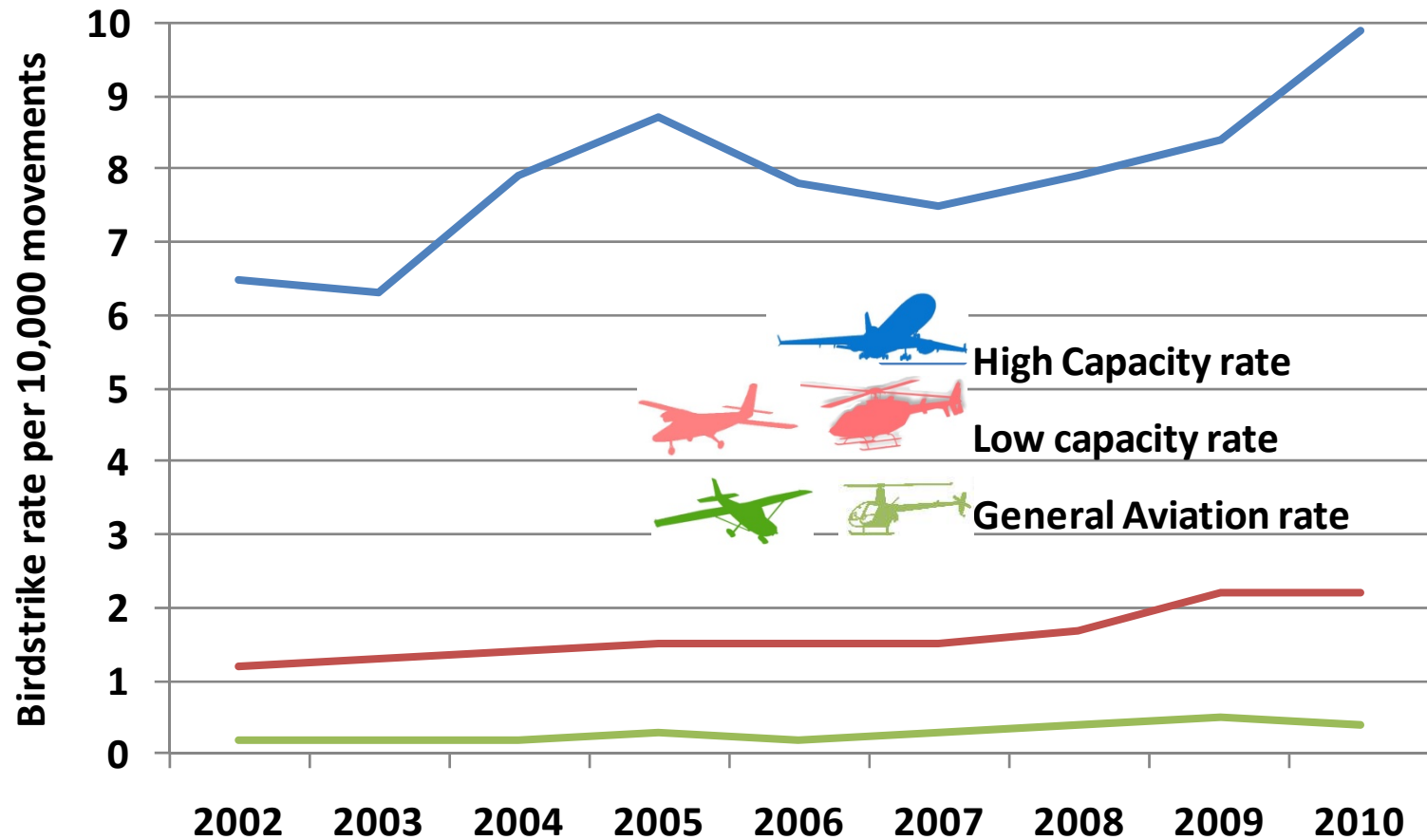
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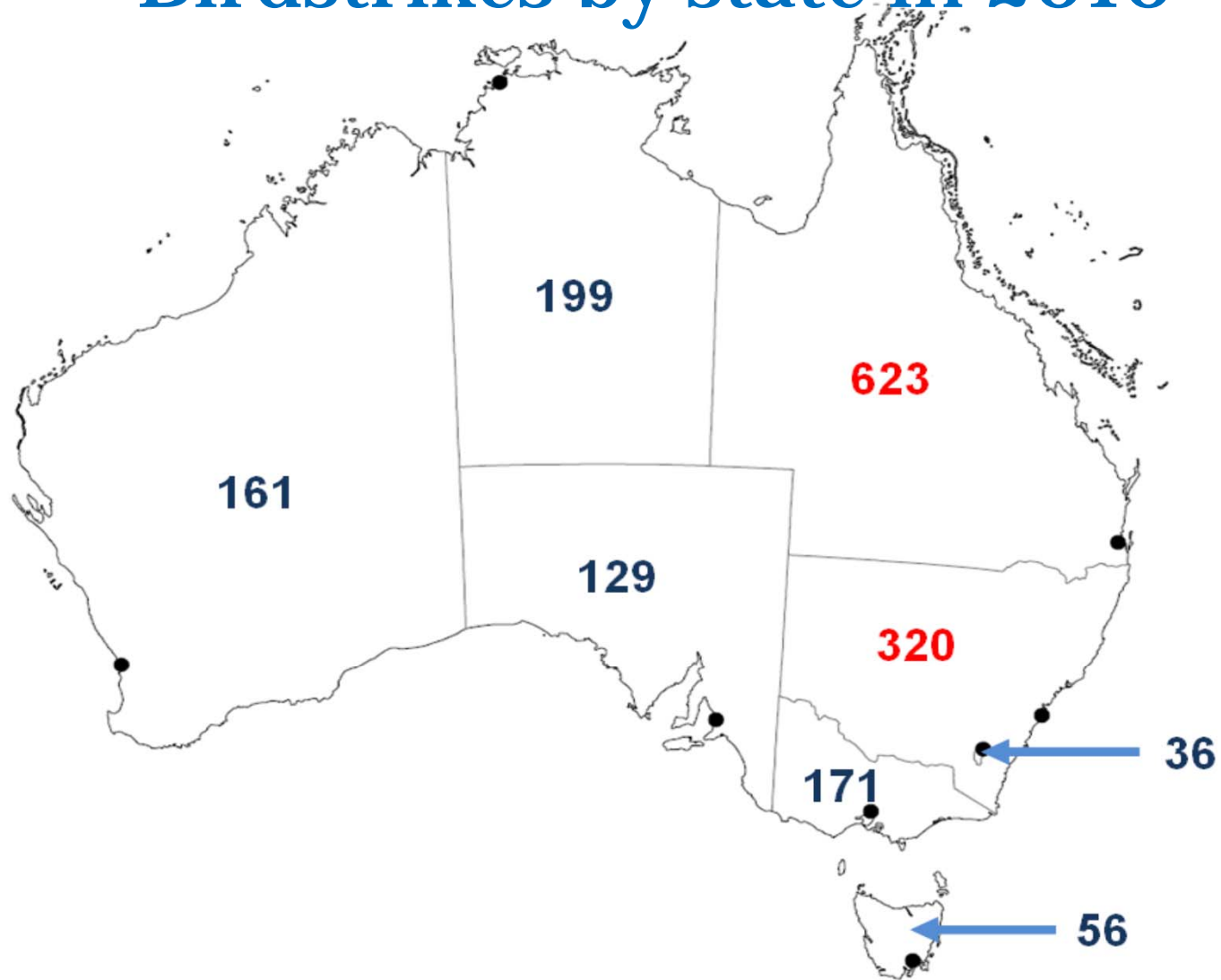
# Birdstrikes by Operation Type



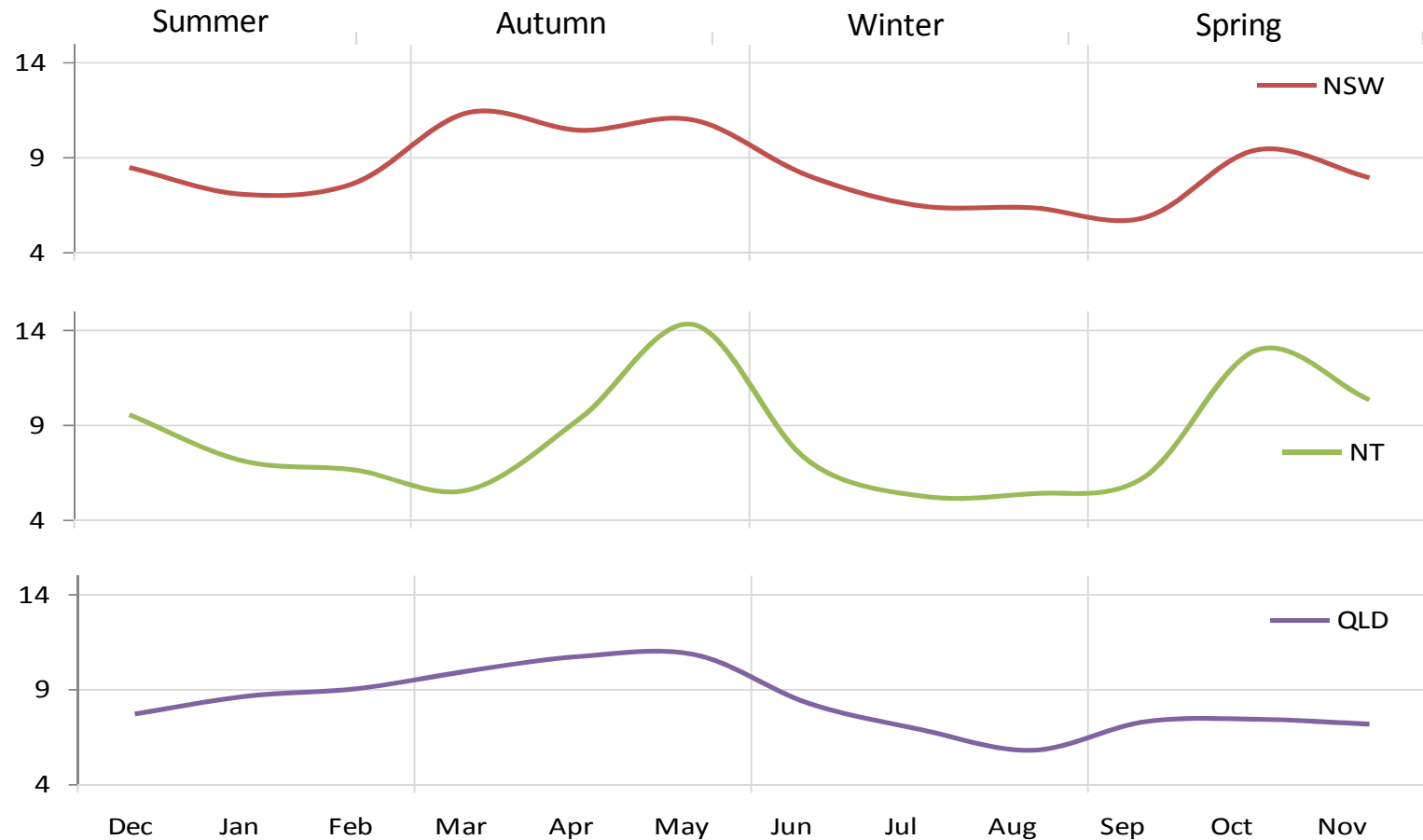
# Birdstrike rate per 10,000 movements by operation type



# Birdstrikes by state in 2010



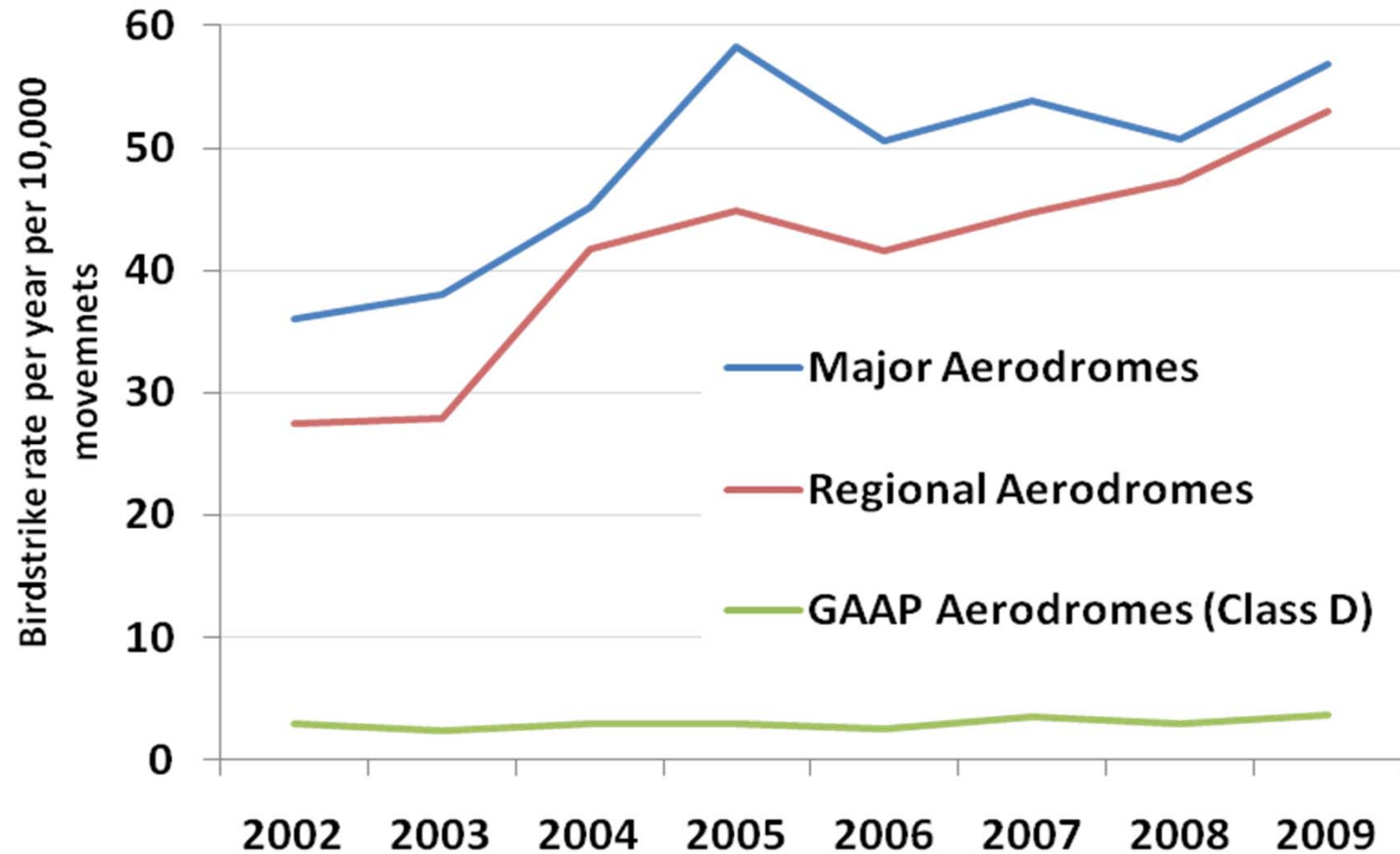
# Birdstrikes by month/season





# Birdstrikes at aerodromes

- Mainly occur within 5 km of aerodrome

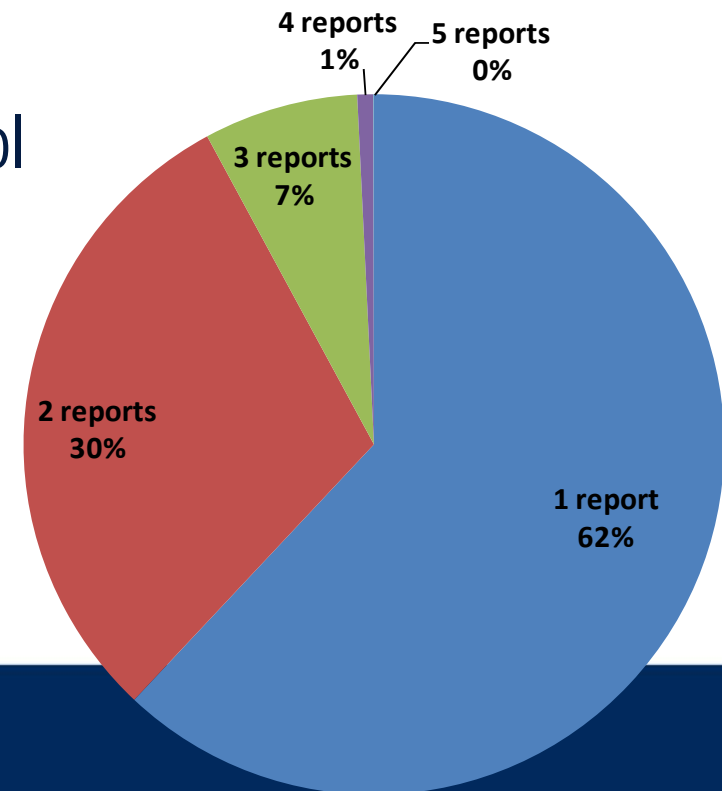


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# Birdstrike notifications

- 38 per cent of reported birdstrikes have multiple notifications
- Mainly operators, aerodrome ground staff and flight crew
- No longer air traffic control



**Aviation Accident or Incident Notification**

Indicates required information

Personal particulars of reporter:

Your name  Today's date

Contact address

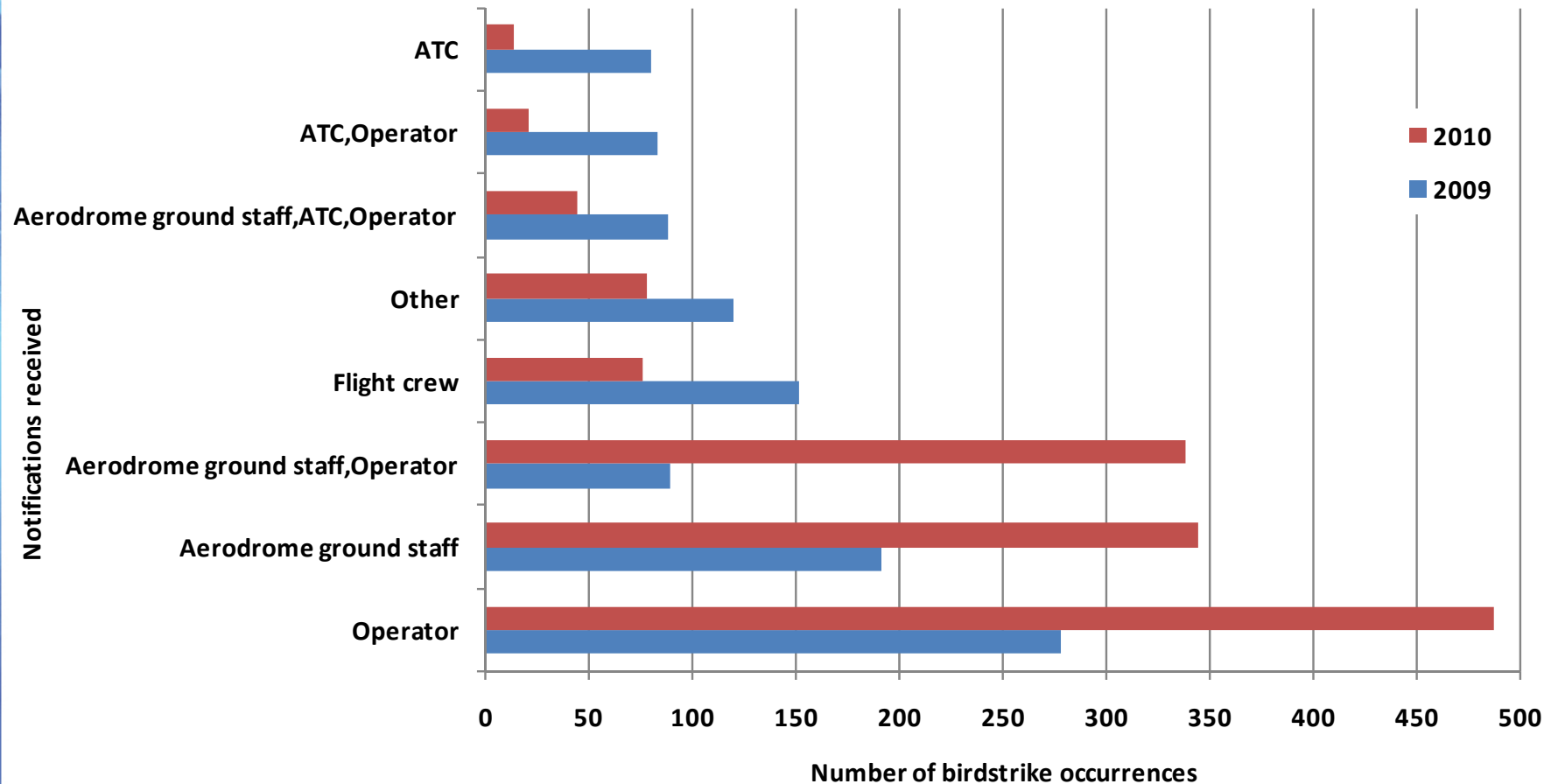
Role of reporter in relation to the aircraft:

<input type="checkbox"/> Crew	<input type="checkbox"/> Air Traffic Controller	<input type="checkbox"/> CASA
<input type="checkbox"/> Owner	<input type="checkbox"/> Rescue/fire service	<input type="checkbox"/> Aerodrome operator
<input type="checkbox"/> Operator	<input type="checkbox"/> LAME	<input type="text"/> Other

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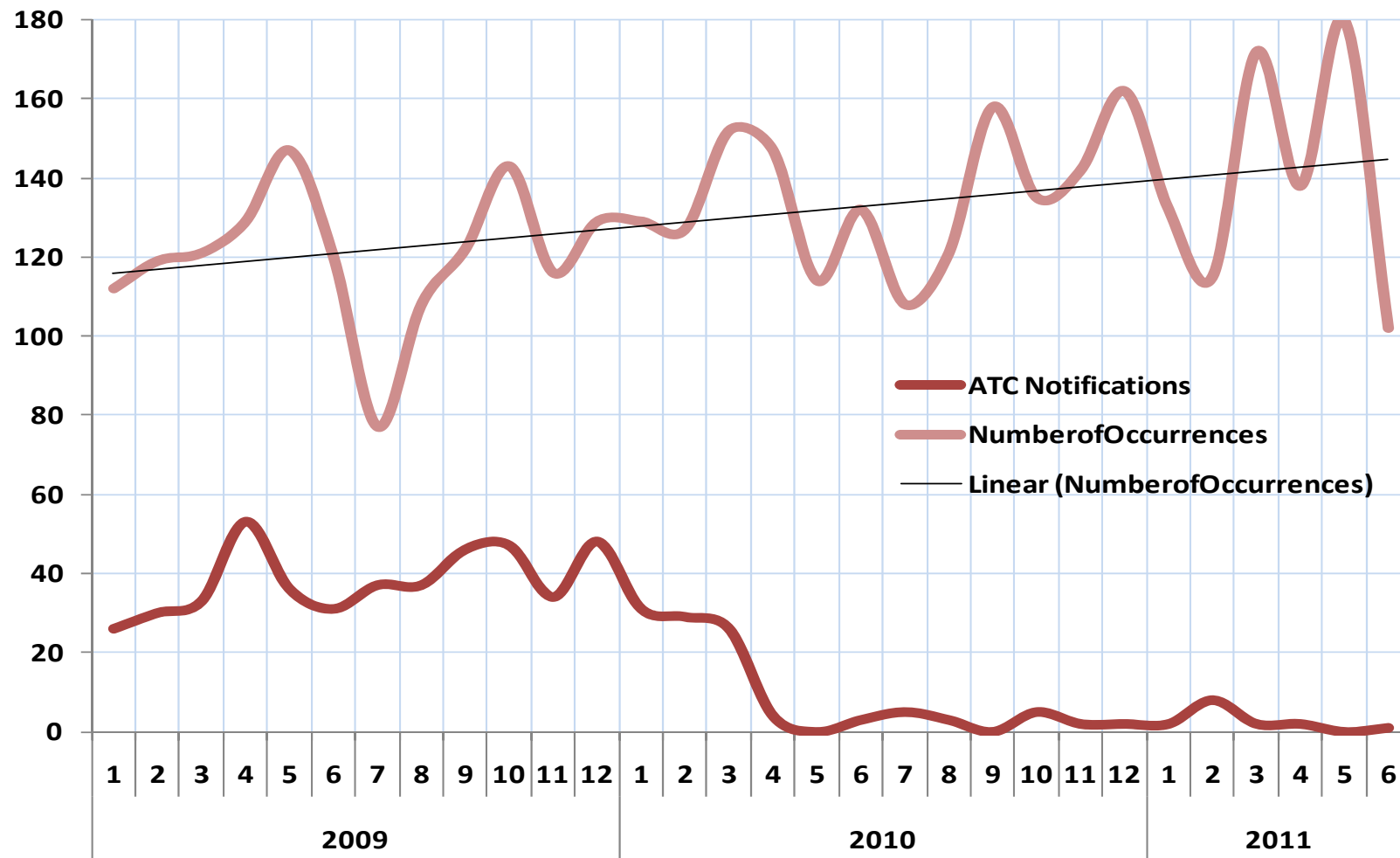


# Common reports received for occurrences



# No routine air traffic control reports

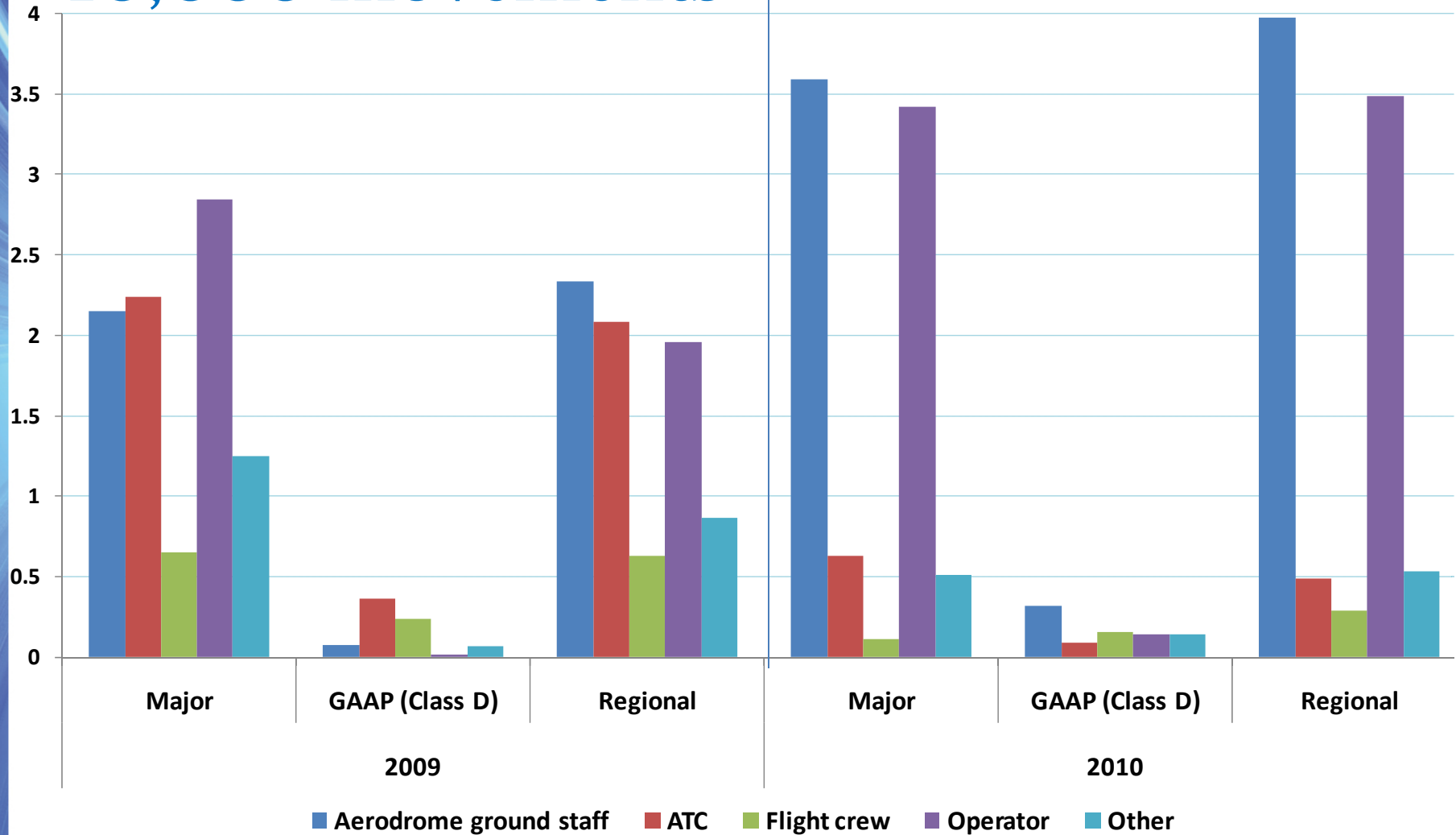
- Overall birdstrike numbers do not appear to be affected



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# Birdstrike reports at airports per 10,000 movements



# Near misses

- Near misses are not recorded as birdstrikes...

[Airline] reported a possible bird strike, Car 20 [Ground staff] checked the runway with nil result and checked with the engineers and no sign of a strike on the aircraft.

- ...however, the consequential events of near misses are such as rejected takeoffs.



# Reporting to the ATSB

- Helps us analyse trends for overall aviation safety
- May help for the development of overall control strategies for different bird species
- It's the law for all *responsible persons*
  - See *Transport Safety Investigation Regulations* at [www.atsb.gov.au](http://www.atsb.gov.au)
- Every piece counts
  - More information is better, however if you don't know information such as the bird species, just let us know what you know



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# The next report...

- From 2002 to 2011, to be released early in 2012
- This is your report, so all feedback and suggestions are welcome

- Questions?

