BIRDS STRIKE VISUALIZATION

year: All

Origin State: All

Total Birds Strike 69K

Total Injured People 21

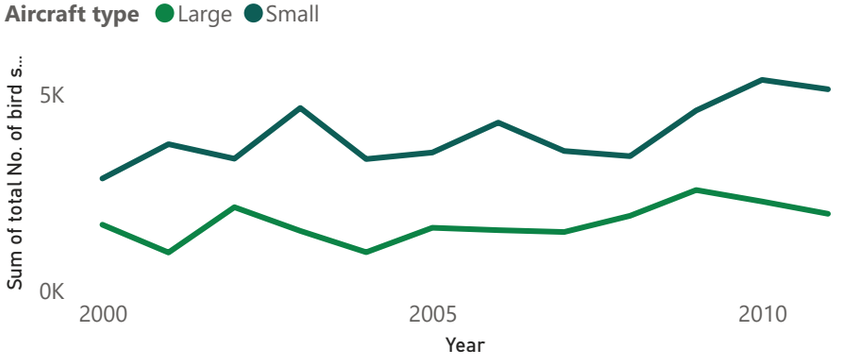
Total cost $142M

Bird Strike / year 6K

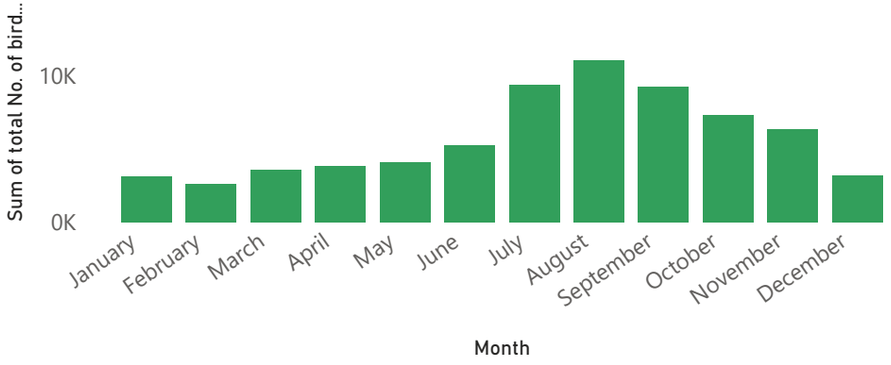
Small 48K | Large 21K

- Overview
- Region strike
- Cost incurred
- Flight impact

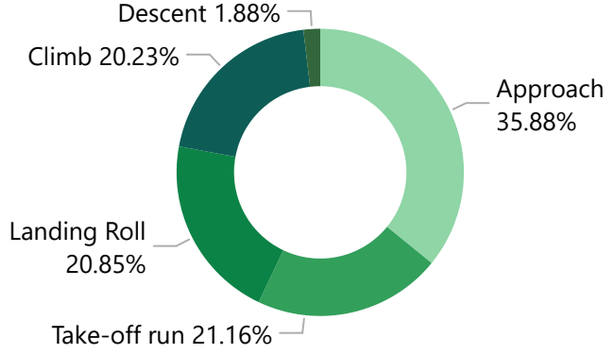
Yearly Birds Strike



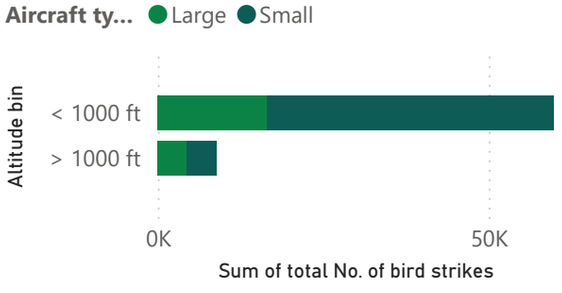
Monthly Birds Strike



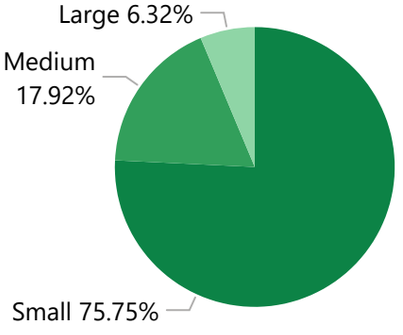
Birds Strike at Different Phase



Birds Strike at Different Altitude



Birds Strike By Wildlife Size



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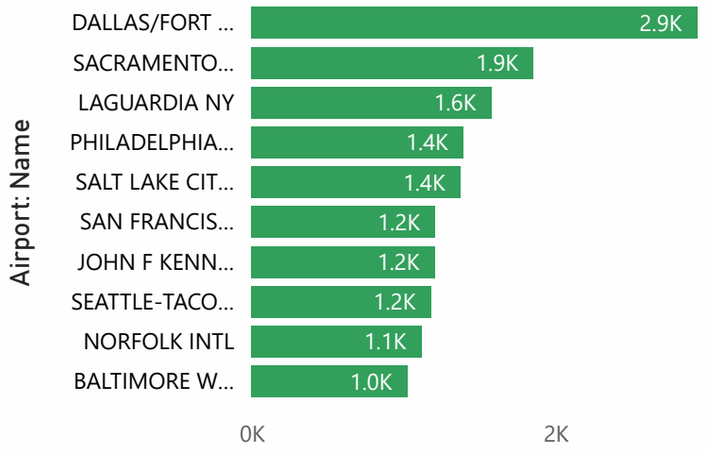
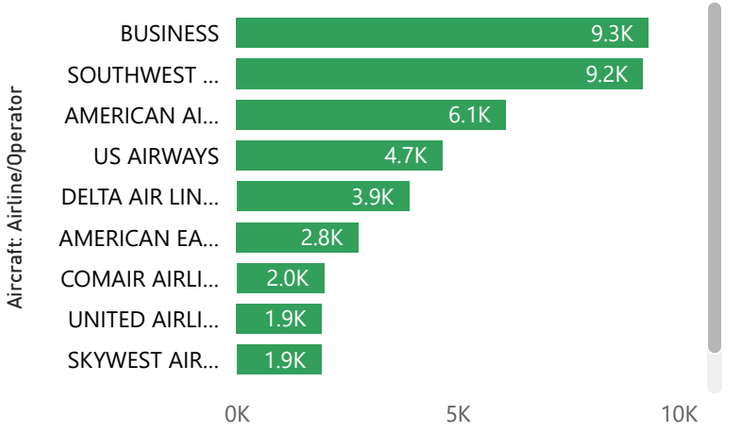
BIRDS STRIKE VISUALIZATION

Overview | **Region strike** | Cost incurred | Flight impact

Top 10 Birds Strike by Airport



Top 10 Birds Strike By Airline Operator

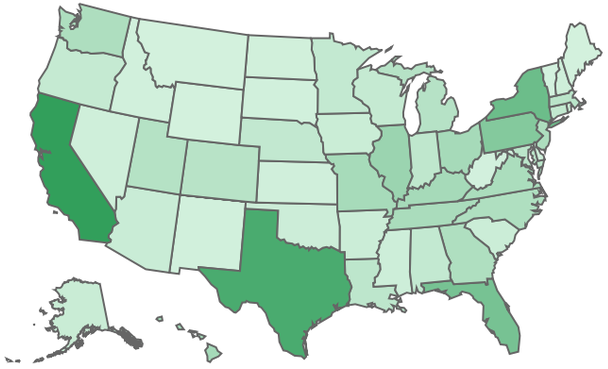


Key Insights

- **California (7K)** and **Texas (6K)** Region have highest number of birds strikes
- **Canada** has lowest number of Birds strike as compared to **USA**
- **Business (9.3k)** and **Southwest (9.2k)** Airline operator have highest number of bird strikes
- **Dallas/Fort worth (2.9k)** International Airport has highest number of birds strikes

Total Birds Strike Cases Across Region

USA



Canada

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BIRDS STRIKE VISUALIZATION

Overview | Region strike | **Cost incurred** | Flight impact

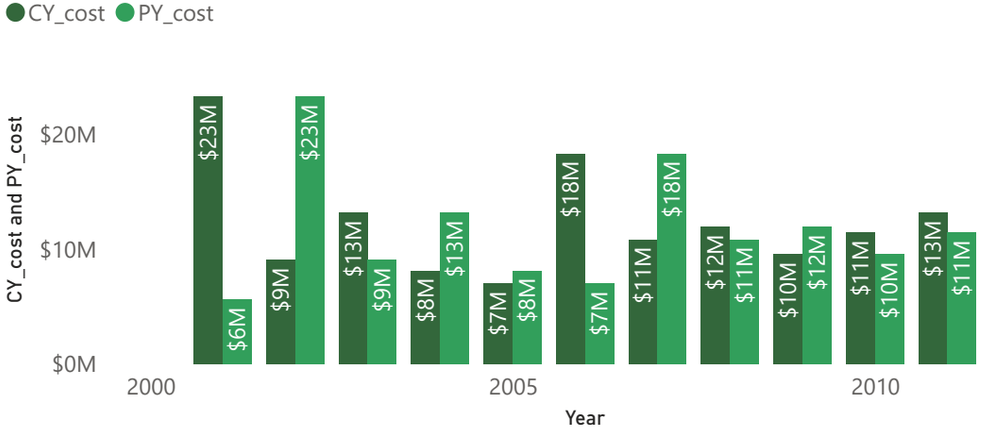
Aircraft type: All

Total cost incurred by aircraft type

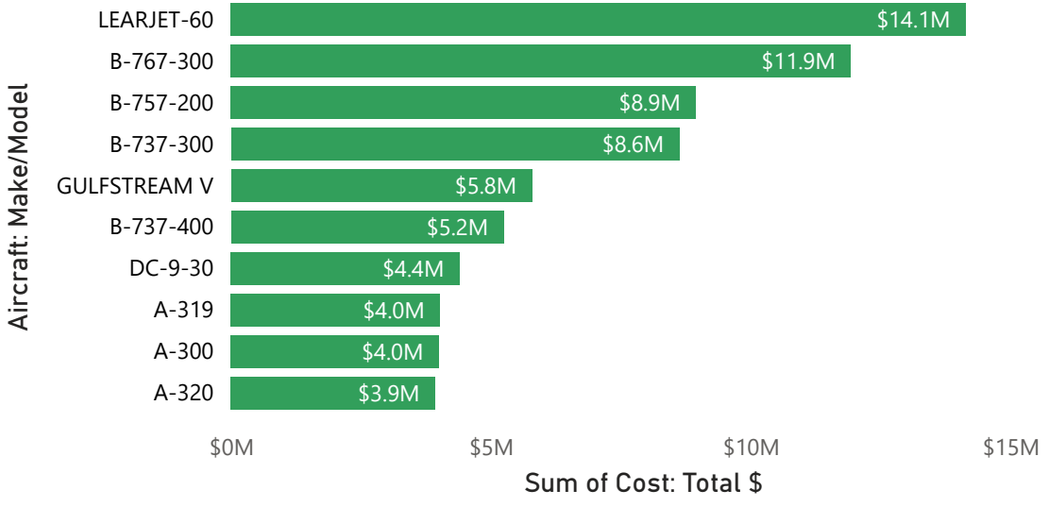
Key Insights

- **IN 2001**, the highest cost incurred **($18.7M)** in **Small aircraft**
- **Small aircraft** always incur higher costs than large aircraft, but last year the pattern reversed, with **large aircraft** incurring the highest costs**($9.4M)**.
- Compared to the prior year, costs rose by **18.18%** in **2011**.
- The **LEARJET-60** aircraft model has the highest cost **($14.1M)** when compared to other aircraft models.

Year on year cost incurred on birds strike



Total cost incurred by aircraft model



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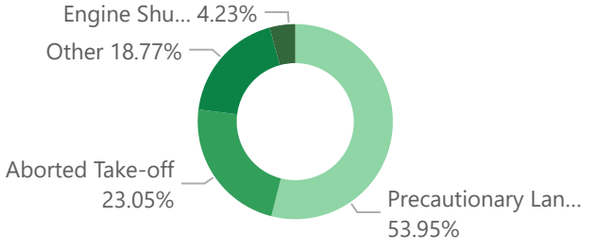
BIRDS STRIKE VISUALIZATION

Overview | Region strike | Cost incurred | **Flight impact**

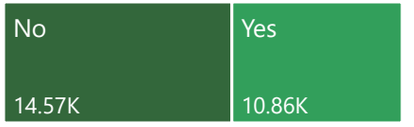
year: All

Birds strike impact on flight



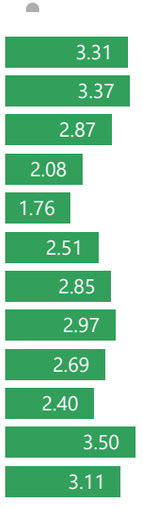
Key Insights

- Due to bird strikes, **precautionary landings (53.95%)** have been made most of the time.
- The majority of the time, remains of wildlife have **not** been collected **(18.6K).**
- Most of the time, average altitude of phase of flight has been **descent (5.9K)**.
- The greatest number of bird strikes have happened during **overcast sky conditions**, and throughout the winter, there have been more bird strikes.

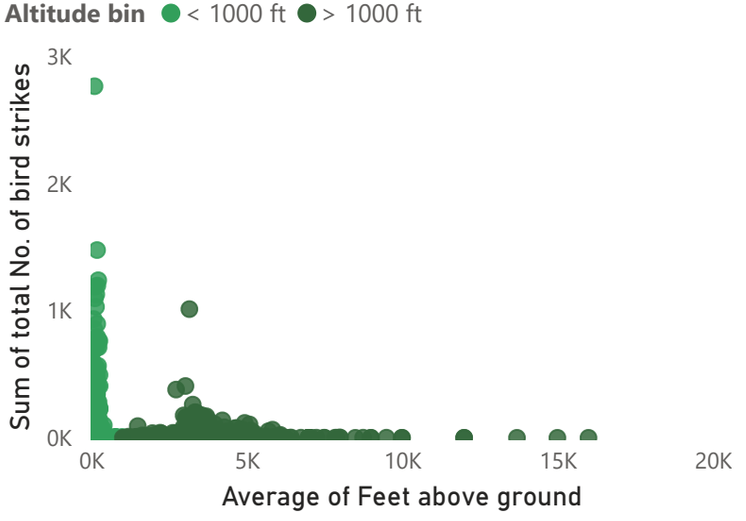


Sky condition impact on average birds strikes

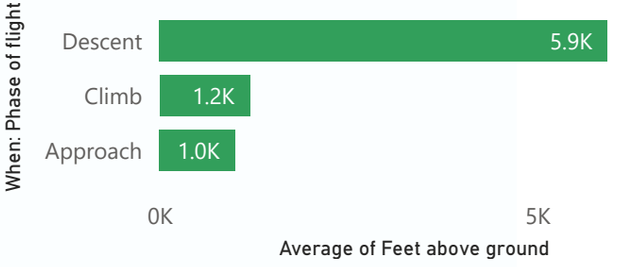
Month	No Cloud	Overcast	Some Cloud
January	3.31	4.25	2.47
February	3.58	3.75	2.83
March	2.32	3.60	3.31
April	1.92	2.57	2.09
May	1.62	2.49	1.56
June	3.13	2.63	1.70
July	2.91	2.66	2.84
August	2.84	3.72	2.85
September	2.27	3.06	3.21
October	2.18	3.12	2.39
November	3.58	4.25	2.88
December	2.76	3.89	2.94
	3.26	2.59	2.59



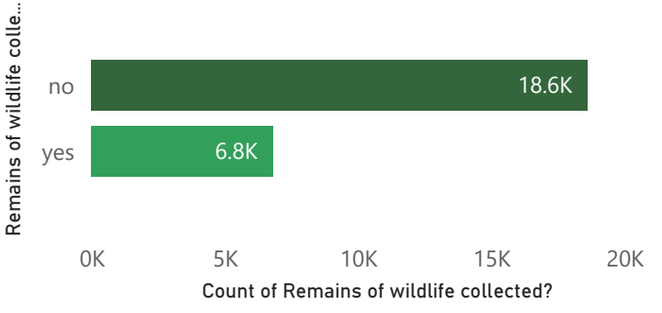
Relation between number of bird stikes and average altitude for each airport



Average altitude at phase of flight



Number of times remains of wildlife collected



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