

# Bird strike data analysis

# Bird Strike Data Dashboard

Page 1

Page 2

Page 3

Aircraft: Airline/Oper...

All

Aircraft: Make/Model

All

Airport: Name

All

Altitude bin

All

Conditions: Precipitation

All

Effect: Indicated Damage

All

Conditions: Sky

All

Wildlife: Species

All

68790

Total Wildlife: Number Struck Actual

142M

Total Cost in \$

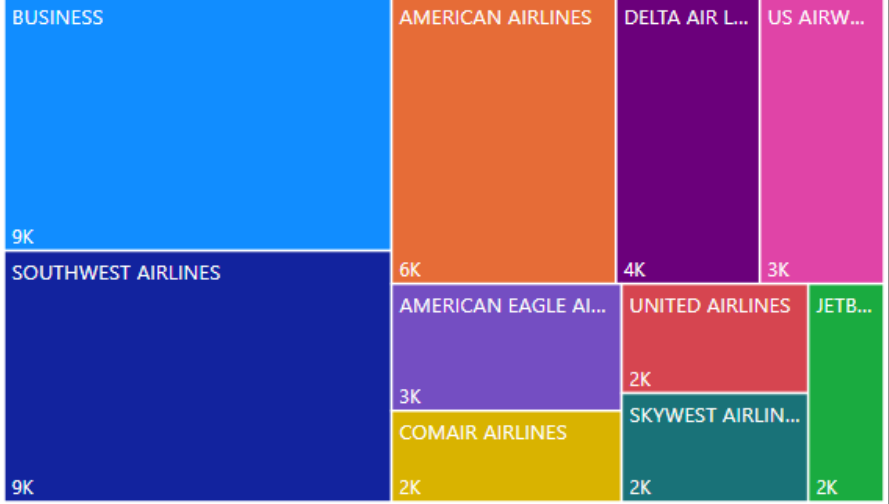
27

Total Number of people injured

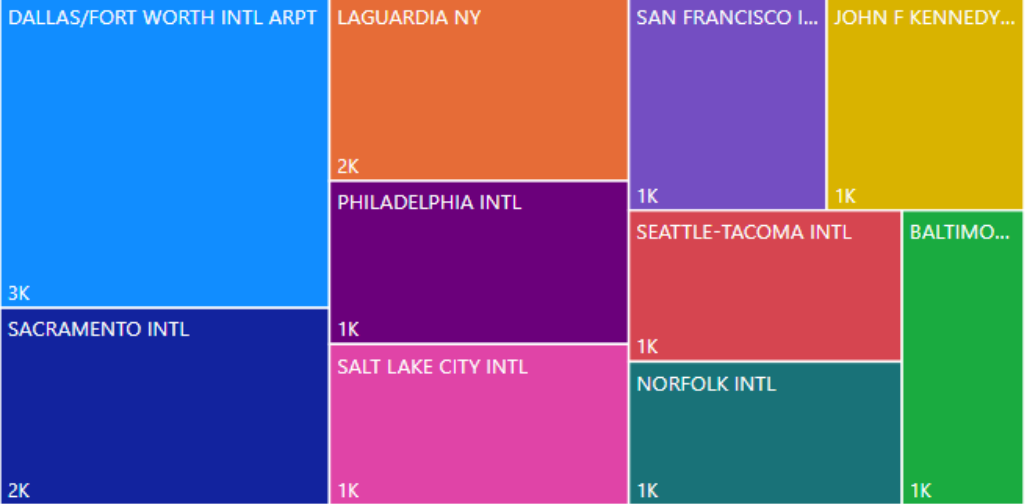
25558

Total number of Records

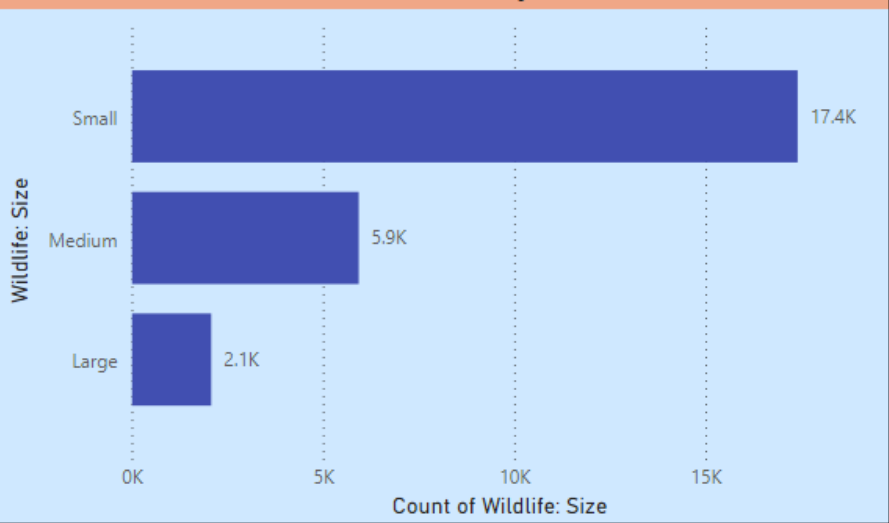
Total Wildlife: Number Struck Actual by Aircraft: Airline/Operator



Total Wildlife: Number Struck Actual by Airport: Name



Count of Wildlife by Size



Total Wildlife: Number Struck Actual by Year



# Bird Strike Data Dashboard

Page 1

Page 2

Page 3

Aircraft: Airline/Oper...

All

Aircraft: Make/Model

All

Airport: Name

All

Altitude bin

All

Conditions: Precipitation

All

Effect: Indicated Damage

All

Conditions: Sky

All

Wildlife: Species

All

25429

Count of Pilot warned of birds or wil...

0

Min of Feet above ground

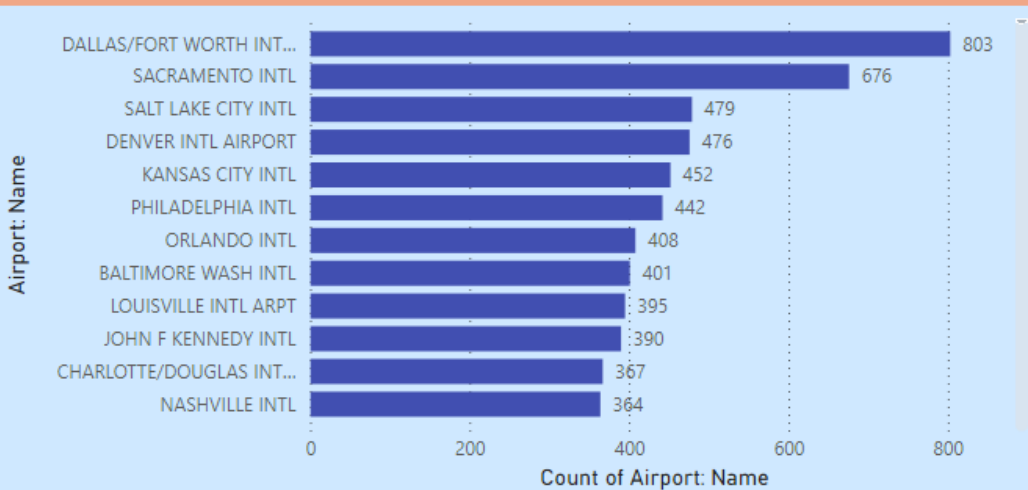
18000

Max of Feet above ground

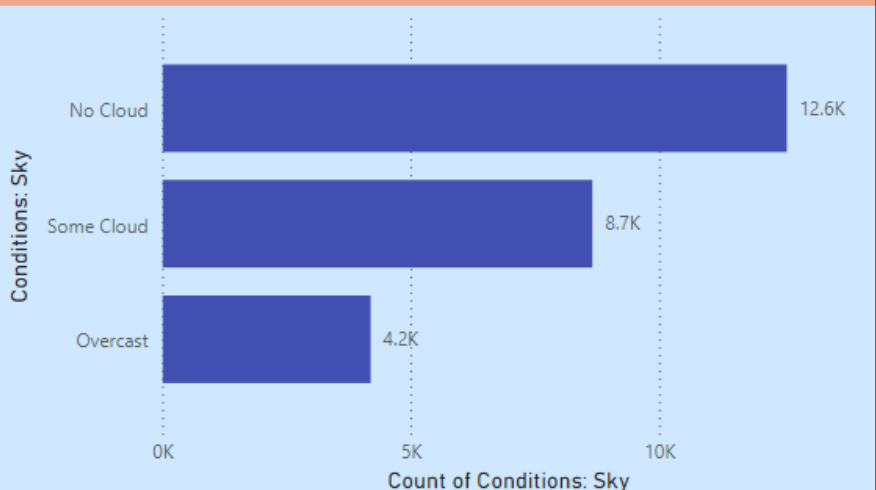
799.03

Average of Feet above ground

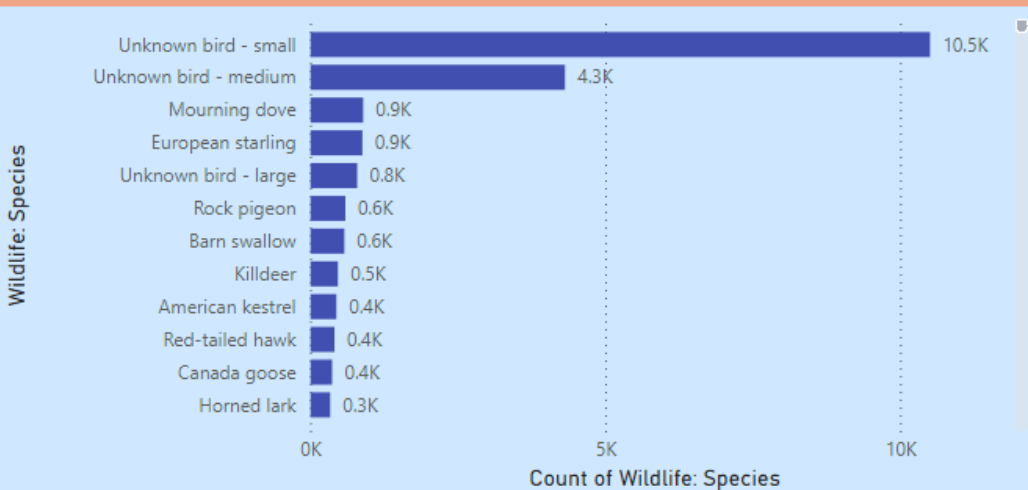
Count of Airport by Name



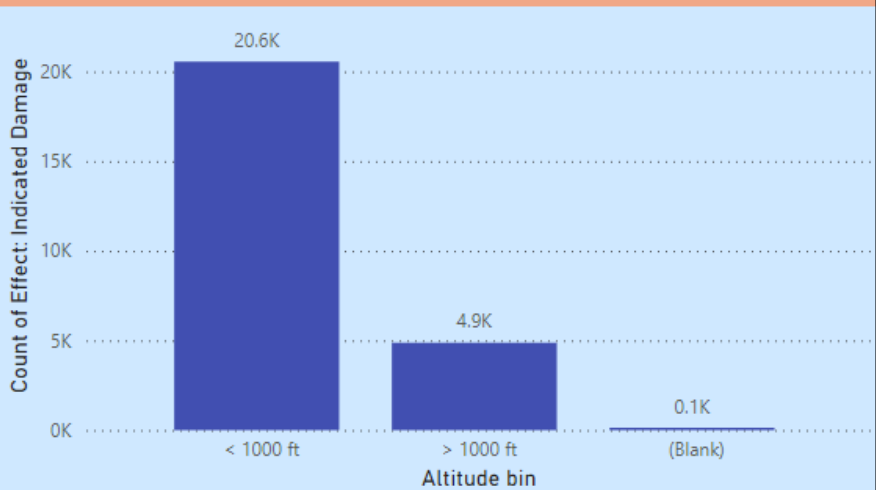
Count of Conditions by Sky Condition



Count of Wildlife by Species Name



Count of Effect: Indicated Damage by Altitude bin



# Bird Strike Data Dashboard

[Page 1](#)[Page 2](#)[Page 3](#)

Aircraft: Airline/Oper...

All

Aircraft: Make/Model

All

Airport: Name

All

Altitude bin

All

Conditions: Precipitation

All

Effect: Indicated Damage

All

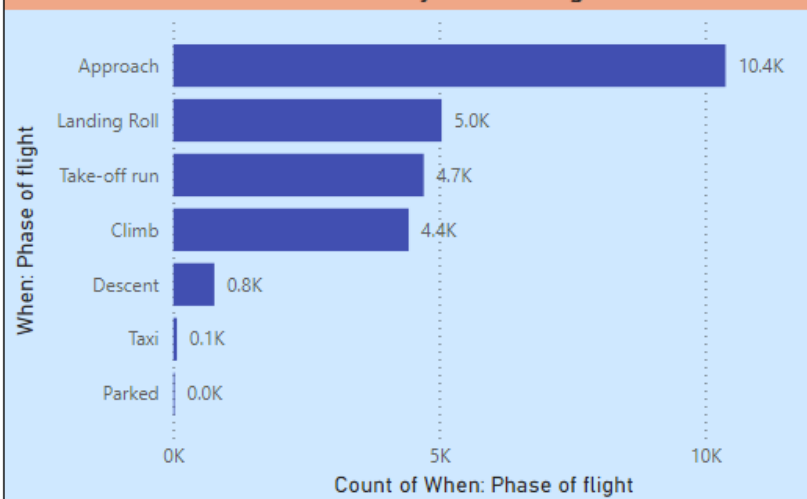
Conditions: Sky

All

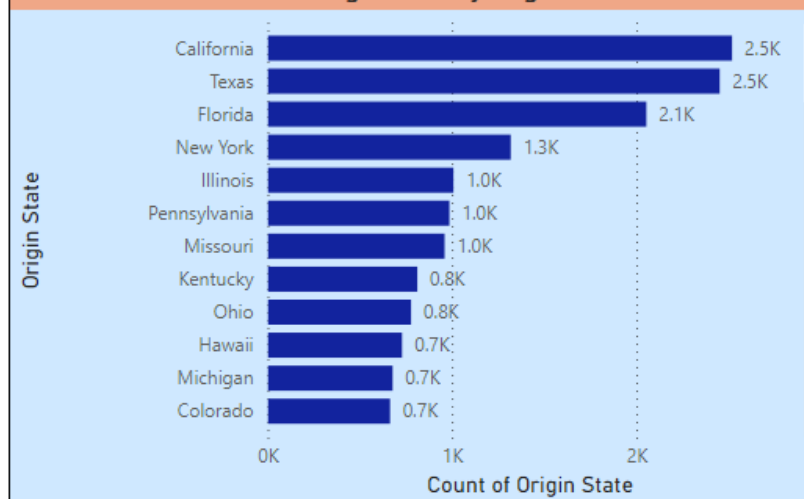
Wildlife: Species

All

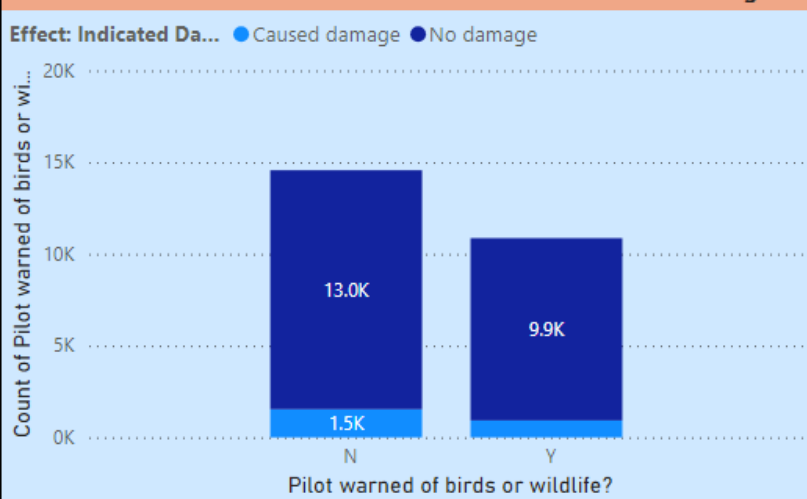
### Count of When : by Phase of flight



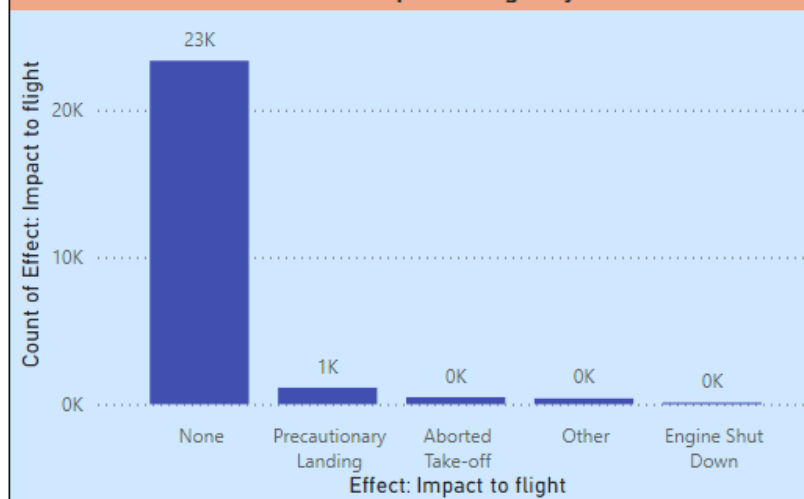
### Count of Origin State by Origin State



### Count of Pilot warned of birds or wildlife? & Indicated Damage



### Count of Effect: Impact to flight by Effect



- '68970' is the actual number of wildlife struck by aircraft.
- \$142 Million is the total cost resulting from the wildlife or bird strike.
- 27 people were injured by the wildlife or bird strike to the aircraft.
- A minimum of '0 feet' and a maximum of '18000 feet' was the altitude of the aircraft when the wildlife or bird struck the aircraft.
- 'Business' & 'Southwest' airlines aircraft were struck maximum number of times (9K).
- Dallas/Fort worth international airport is where the aircraft was stuck the maximum number of times(3K).
- The count of size of the wildlife was majorly 'Small' (17.4K).
- '2010' is the year where the wildlife struck the aircraft maximum number of times (7.7K) times.
- '3rd Quarter' is the wildlife struck the maximum number of times(3K), 'August' month (11K) & 23rd day of the month (3.6K) respectively.
- Sky condition was 'no presence of cloud' when the wildlife struck the aircraft maximum number of times (12.6K).
- Altitude bin of the aircraft was less than 1000 feet when the damage happened majorly (20.6K) times.
- The phase of the flight was approach when it was struck by wildlife for a maximum number of (10.4K) times.
- 1.5K times when the pilots were not warned of birds or wildlife damage was caused & 922 times when they were warned respectively.