Looking for a relation between height struc..

Number of strikes during day with numb..

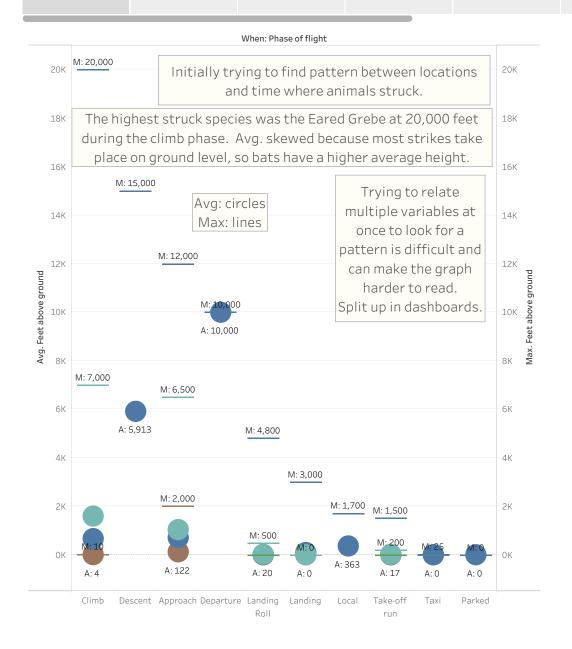
Yearly trend in the amount of animals st..

Increase of strikes in summer.

Animals struck increase.

Species most struck

Looking for a relation bet..



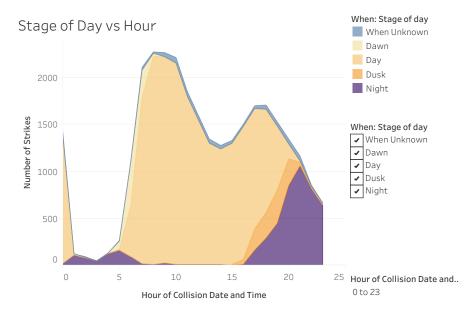
Wildlife: Animal Category

- **✓** Bats
- ✓ Birds
- ✓ Reptiles
- ✓ Terrestrial Mammals

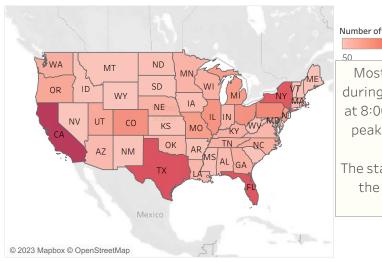
Wildlife: Animal Category..

- Bats, Avg. Feet above..
- Bats, Max. Feet abov..
- Birds, Avg. Feet abov..
- Birds, Max. Feet abov..

 Reptiles, Avg. Feet ab..
- Reptiles, Max. Feet a..
- Terrestrial Mammals,...
 - Terrestrial Mammals,..



Total Number of Strikes in State



Number of Strikes

Most of the collisions take place during the day, with most collisions at 8:00 am. Correlated with airport peak time around 6:00 am in U.S.

The states with the most strikes are the most populus regions with highest air traffic.

Looking for a relation between height struc.

Number of strikes during day with numb..

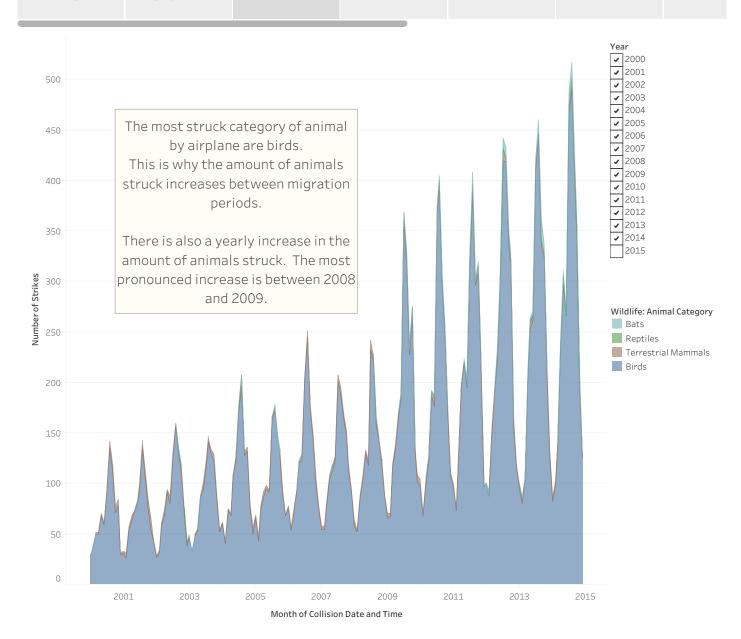
Yearly trend in the amount of animals st..

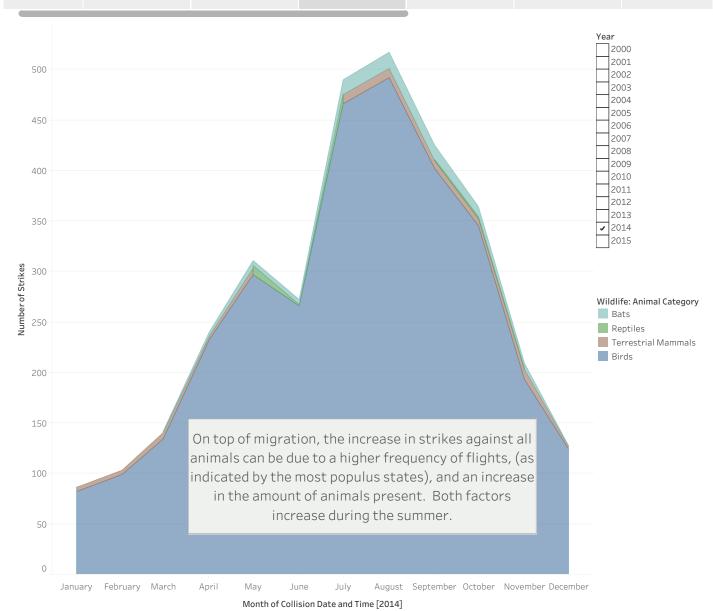
Increase of strikes in summer.

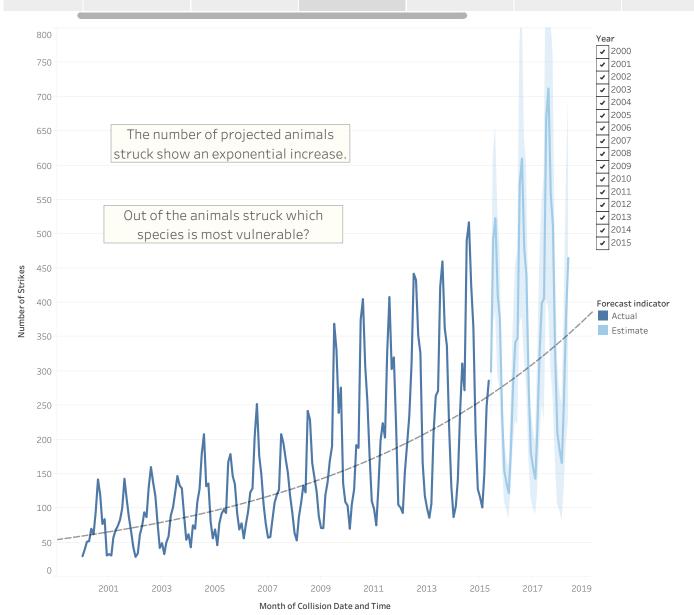
Animals struck increase.

Species most struck

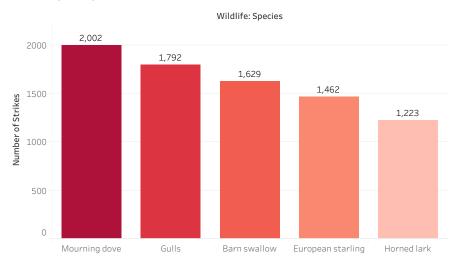
Looking for a relation bet..





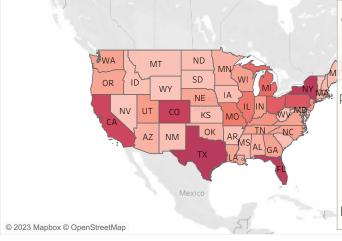


Strikes per Species



Top x Sp. Top 5

Species Strikes per State



Out of the top 5 species most struck, the highest number was for Mourning dove in Texas. The second most common were Gulls in more populus coastal regions, such as New York and California.

The Barn Swallow is most struck in Florida.

European Starling most struck in Pennsylvania.

Horned Lark most struck in Colerado.

Increase of Animals struck Species most struck strikes in summ.. Species most struck between animals and .. Cost and damage per animal category. Highest cost in New York.

| | | | Wildlife: Anim | nal Category | | Wildlife: Animal Category |
|---------------------------|---|-----------------------------|---------------------|---------------|-----------|---------------------------|
| Effect: Amount of damage. | . Effect: Impact to flight | Birds | Terrestrial Mammals | Bats | Reptiles | Birds |
| | | | | | 1 | Terrestrial Mammals |
| None | Aborted Take-off | | | | 28,298 | Bats |
| | | | | | 0.0000 | Reptiles |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Engine Shut Down | After da | mage to wildli | fe what's the | | |
| | | damage and cost to flights? | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | 22,596 | | | 31 | |
| | | 28,298 | 28,298 | 28,298 | 28,298 | |
| | News | 0.7985 | 0.0180 | 0.0115 | 0.0011 | |
| | None | 26 | 9 | 15 | C | |
| | | 586,747 | 4,441 | 4,955 | C | |
| | | 1,430,935 | 1,430,935 | 1.430.935 | 1,430,935 | |
| | Most strikes cause no damage and no impact to fli | | | | | |
| | 1010 | | | | to mgm. | |
| | Other | | Around 83% c | of hits. | | |
| | | 258,209 | 5,855 | 0 | d | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Precautionary Landing | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Minor | Aborted Take-off | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Engine Shut Down | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | None | | | | | |
| | IVOITE | 920 | 43 | | | |

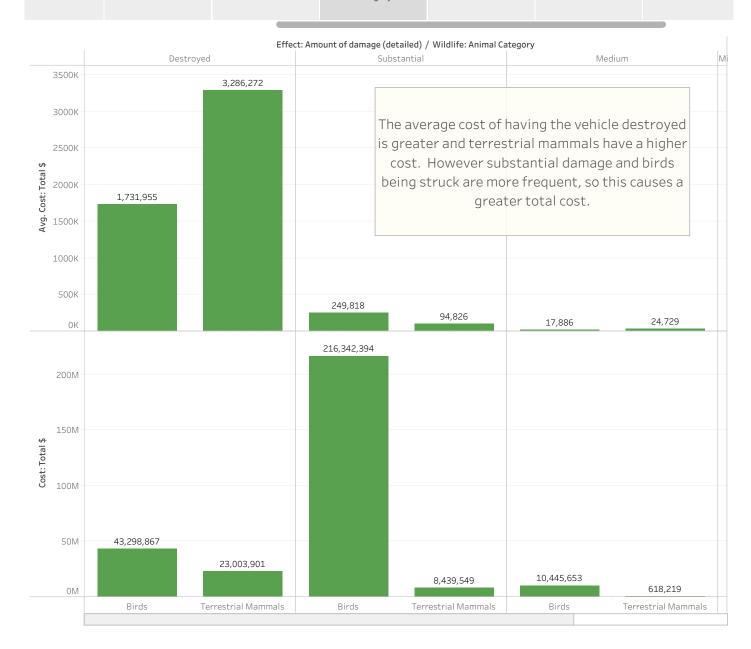
Looking for a relation between animals and .

Cost and damage per animal category.

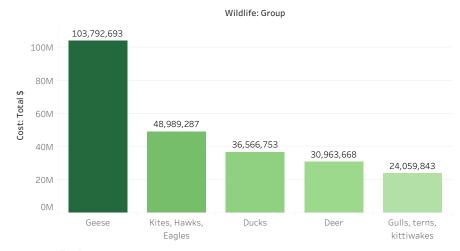
Most costly species.

Highest cost in New York.

Expensive outlier.

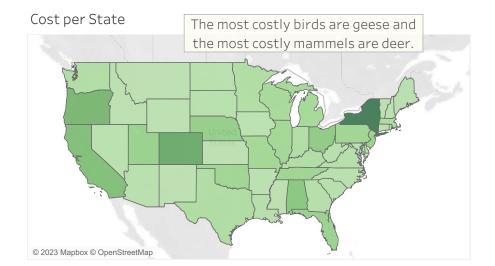


Cost per Group



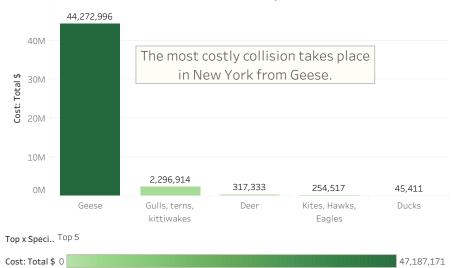
Top x Speci.. Top 5

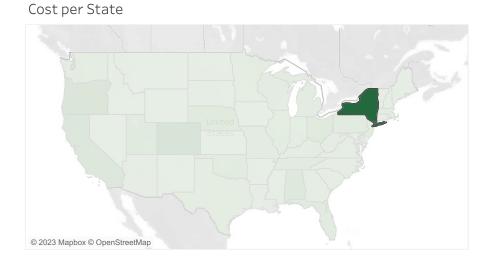
Cost: Total \$ 0 47,187,171

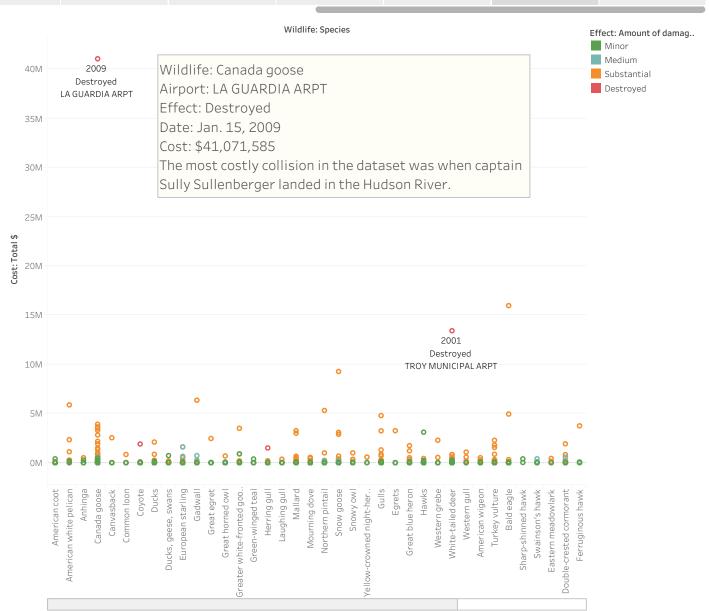


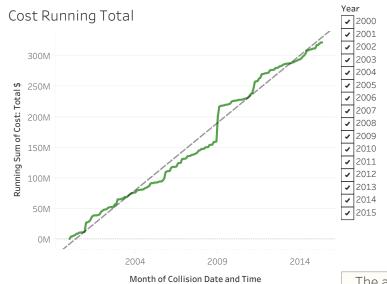
Cost per Group



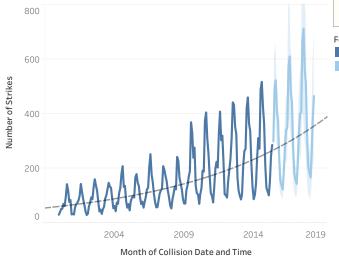








Strikes per Month Forecast



The aggregate total cost per year shows a linear increase, while the number of strikes show an exponential.

Forecast indicator
Actual
Estimate