



# Managed Wildlife Species

A look at endangered, threatened, and in recovery species in National Parks.



# Data summary



- The initial data included both plants and animals.
- The plants were removed from the data in order to focus on animals.
- The data on animals included 1021 different species.
- The animals were divided into the following categories:
  - Mammal, Bird, Reptile, Amphibian, Fish
- The conservation status of these species included the following categories:
  - Endangered, Threatened, In Recovery, No intervention
- Most of the species – 86.29 percent – require no intervention (or management)

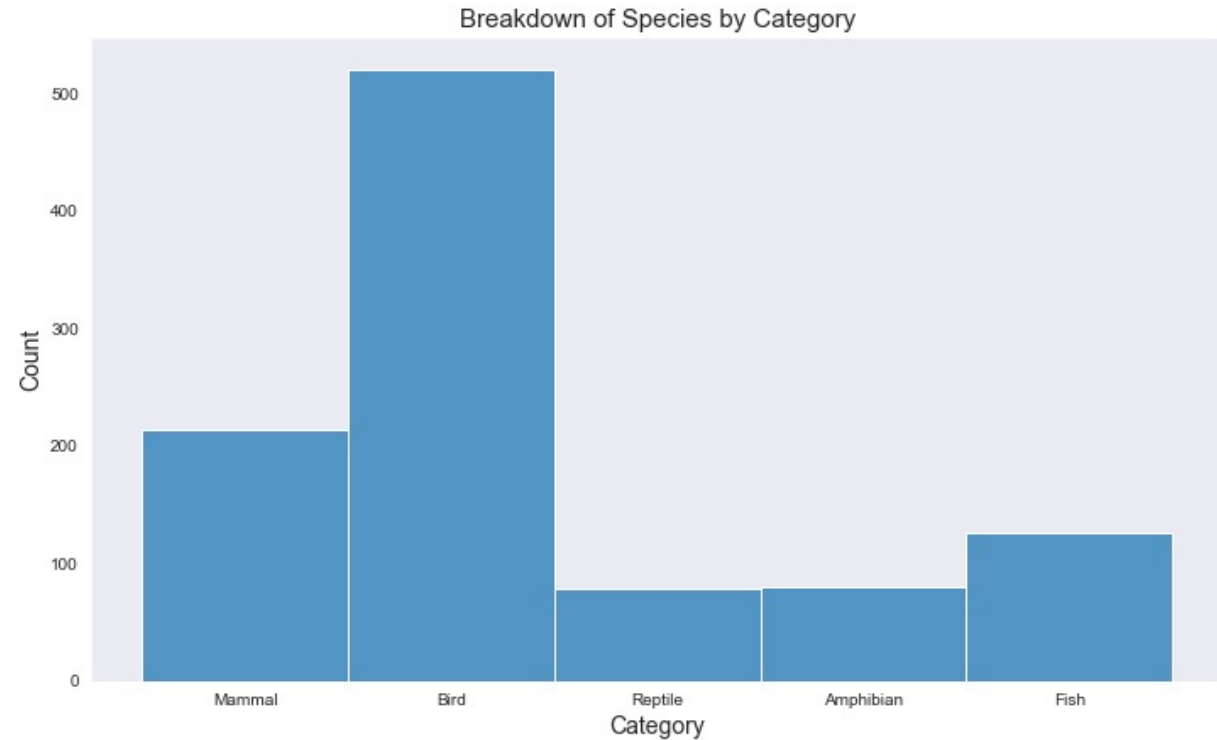


# Data summary, continued

- Overall category counts:
  - Species of Concern: 113
  - Endangered: 16
  - Threatened: 10
  - In recovery: 4
- Overall percentages:
  - Species of concern: 11%
  - Endangered: 1.47%
  - Threatened: 0.78%
  - In recovery: 0.39%

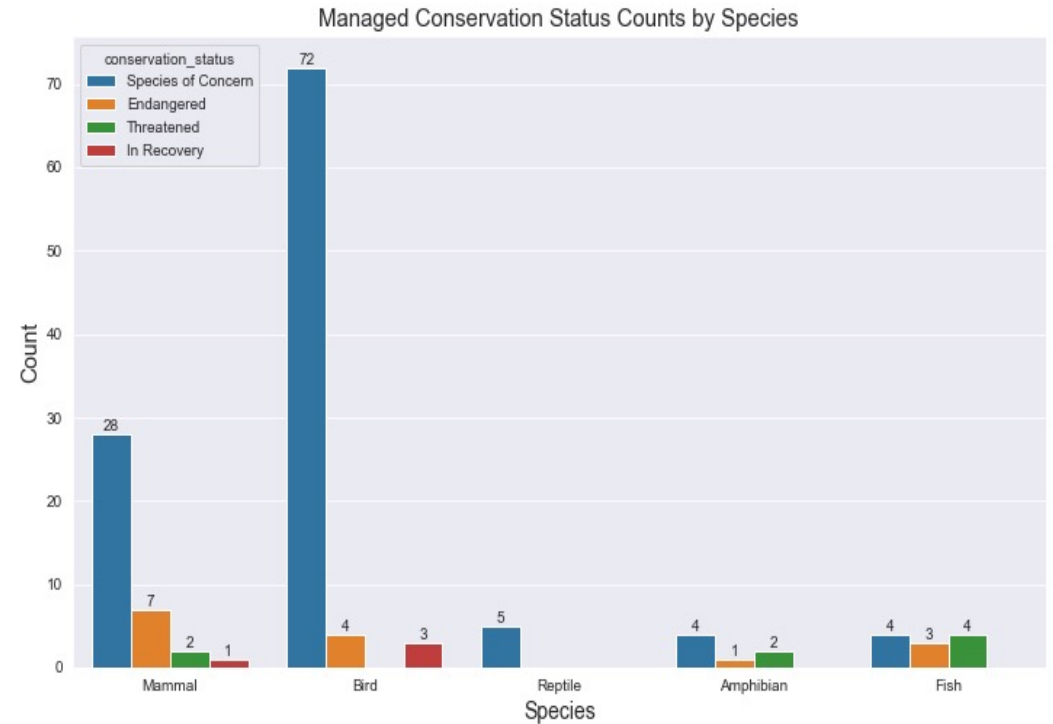
# Numbers by Category

- Birds: 521
- Mammals: 214
- Fish: 127
- Amphibians: 80
- Reptiles: 79



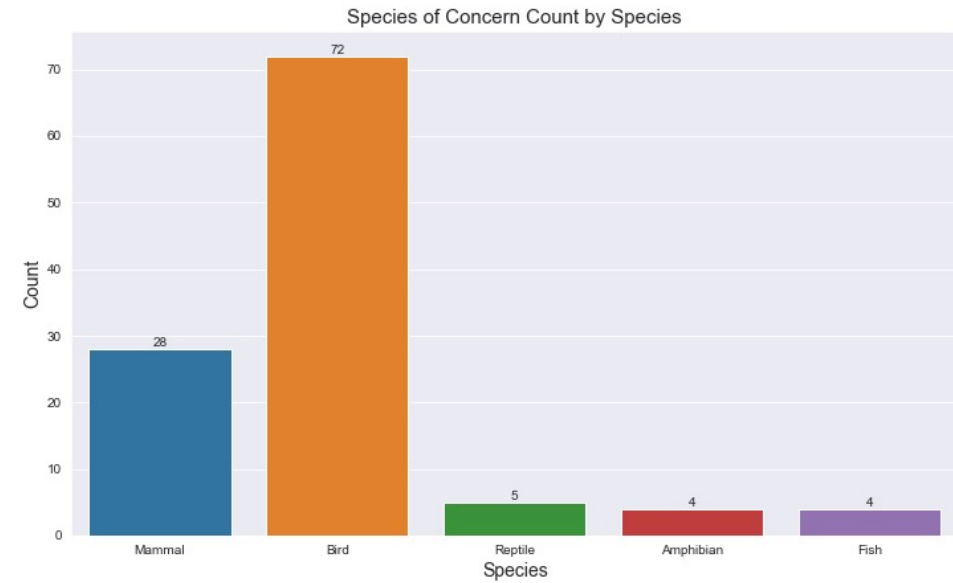
# Overall Managed Conservation Counts

- Breakdown of conservation status (minus 'no intervention') by species
- The only category with members in all four statuses is 'Mammal'
- Birds: no threatened species
- Reptiles: only have species of concern
- Amphibians: none are in recovery
- Fish: none are in recovery



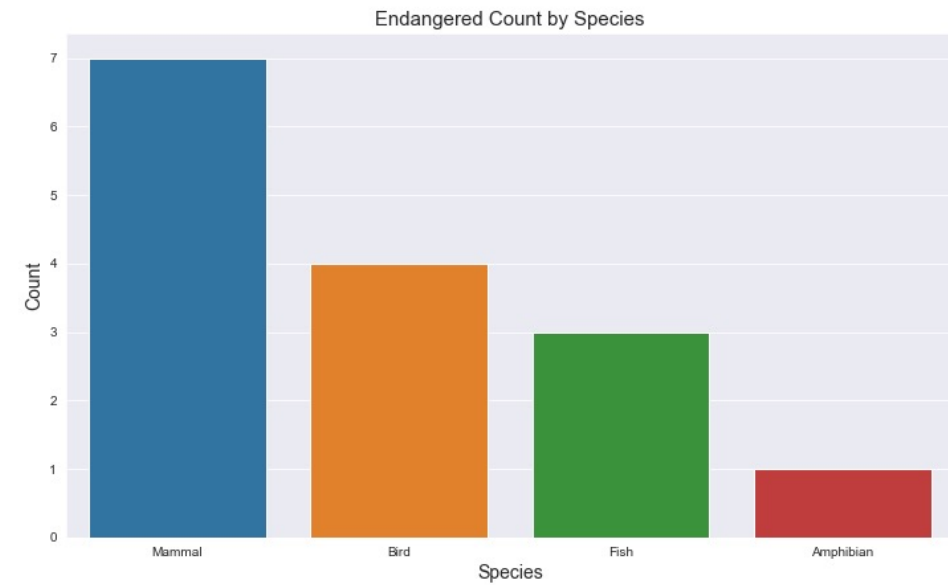
# Species of Concern

- These species are one step away from being endangered
- Birds vastly outnumber the other species, which is not surprising as birds represent just over 51% of the entries in the data.
- Mammals are a distant second.



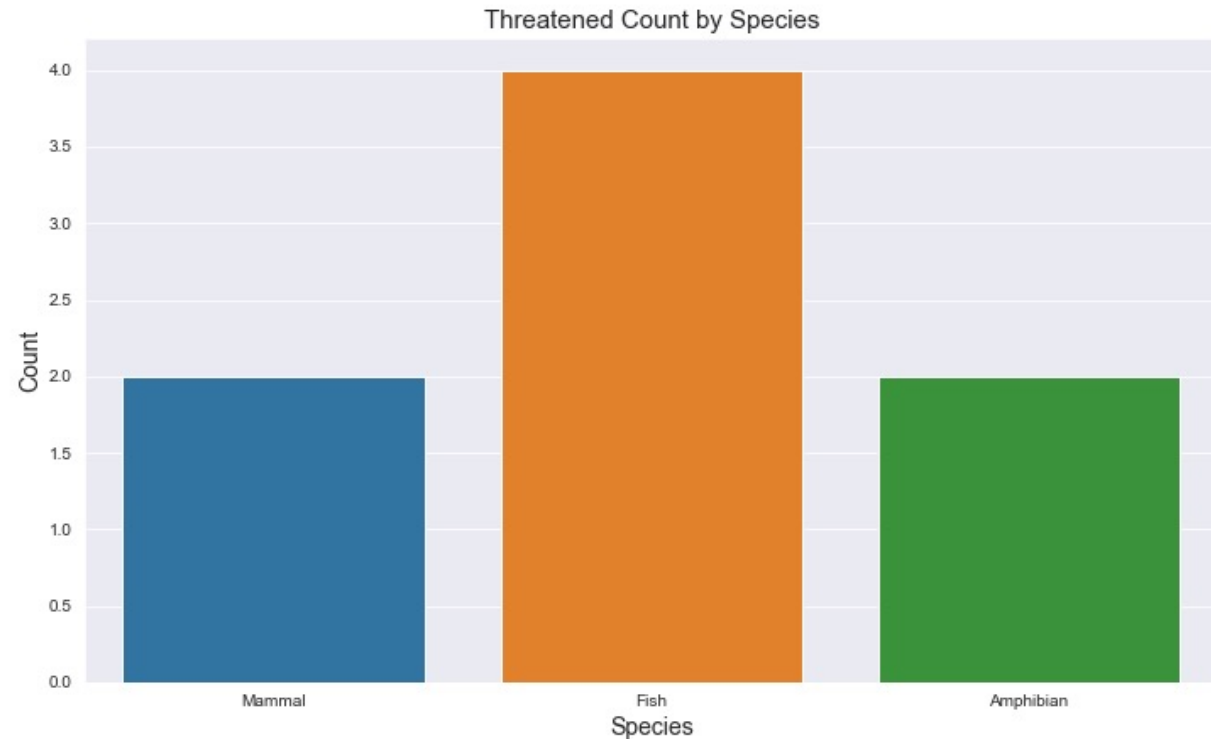
# Endangered Species

- Mammals have the most members in the endangered category.
- Overall, there are 15 endangered species in the data.
- There are no reptiles listed as endangered in the data.



# Threatened Species

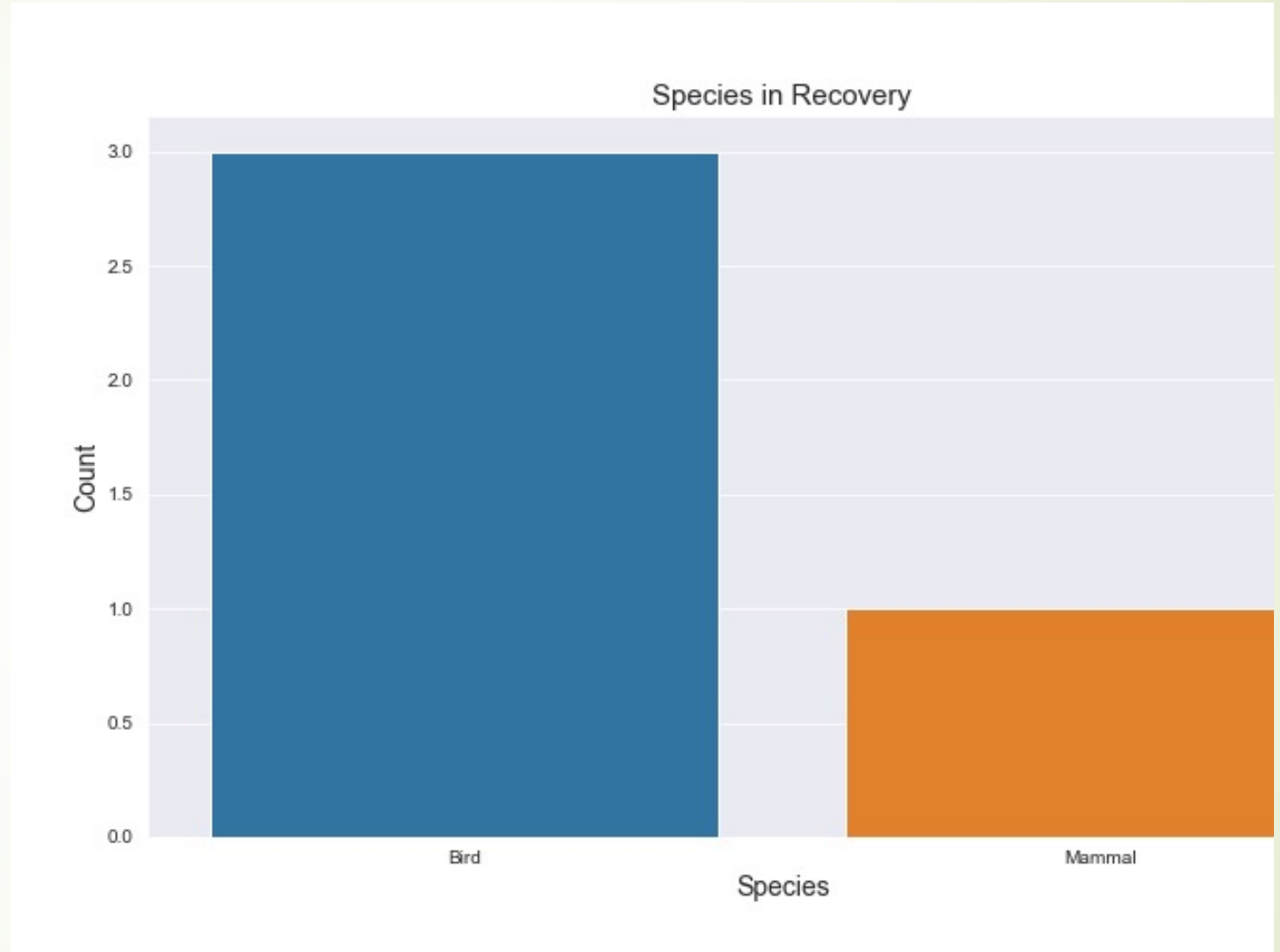
- There are no birds in the data, which is surprising since, overall, birds make up over half of all entries in the data.
- There are also no reptiles.
- It would be worth investigating why fish have the most members in this category.
  - What other factors are at play? Water pollution/contamination? Overfishing?





# Species in Recovery

- Only four species are in recovery: 3 are birds and one is a mammal.
- There are no reptiles, amphibians, or fish.
- A worthy question to ask is “how is a species considered to be in recovery?”





# Conclusion



- Overall, it is encouraging that so few species require this sort of management.
- On the other hand, it is still a problem that there are species that need help.
- The goal should be to get them all to 'in recovery' and then fully recovered.
- The causes for these species needing management deserves closer examination.