



#### 1. The Florida Panther's Struggle for Survival





What are some of the ecological challenges that the panther population has experienced from human impacts?

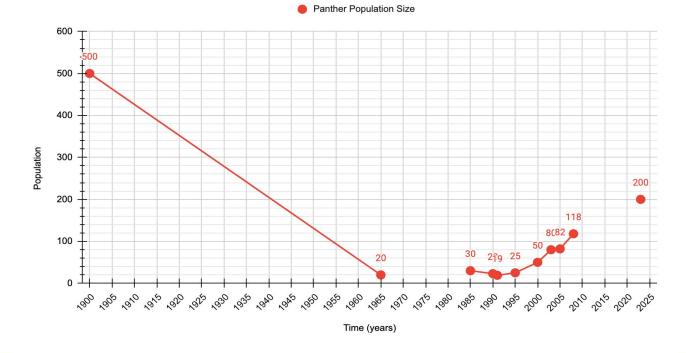
Source: Ward, C., & Hiaasen, C. (2023). In *Path of the Panther: New Hope for Wild Florida* (pp. 6-7). National Geographic.



#### 3. Graph the Florida Panther Population (Model)

History of the Florida Panther Population



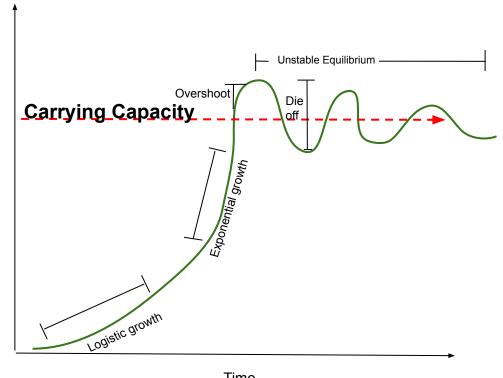




#### 5. Graph the Florida Panther Population

Fig. 2 Exponential Growth of **Population** Size Over Time

Population



Time



Compare Wolves and Panthers





Source: Arizona Historical Society / PBS.org



History of the Wolf Population in Yellowstone National Park

Unconnected data points (1925-1963, 1982-1995) represent incomplete population counts.

Data Source: https://wolf.org/wolf-info/gray-wolf-p opulation-trends-in-the-contiguous-uni ted-states/

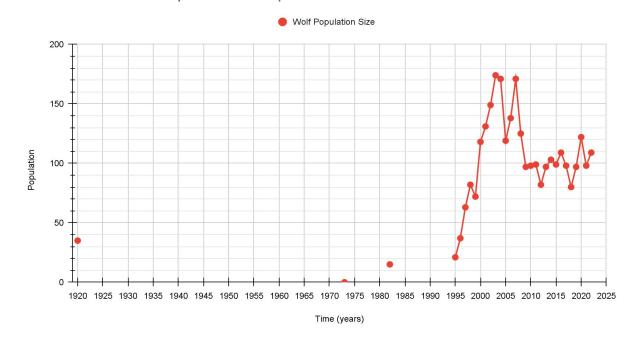
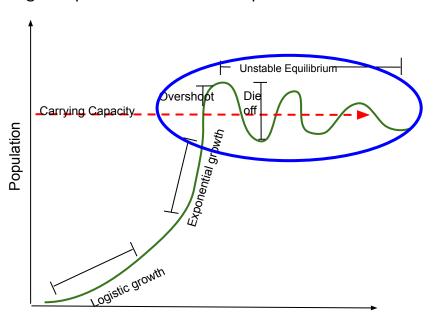
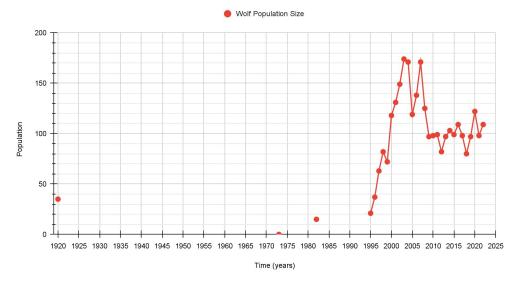




Fig. 2 Exponential Growth of Population Size Over Time



History of the Wolf Population in Yellowstone National Park



Data Source: https://wolf.org/wolf-info/gray-wolf-population-trends-in-the-contiguous-united-states/

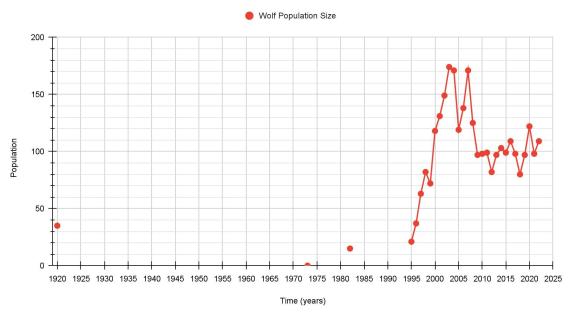






Support or refute the claim: The gray wolf in Yellowstone National Park has successfully recovered.

History of the Wolf Population in Yellowstone National Park







Do you think the Florida panther population will reach carrying capacity? If yes, how? If no, why not?

