

Comparing Antarctic Penguin Graphs

WALT: understand and compare graphs

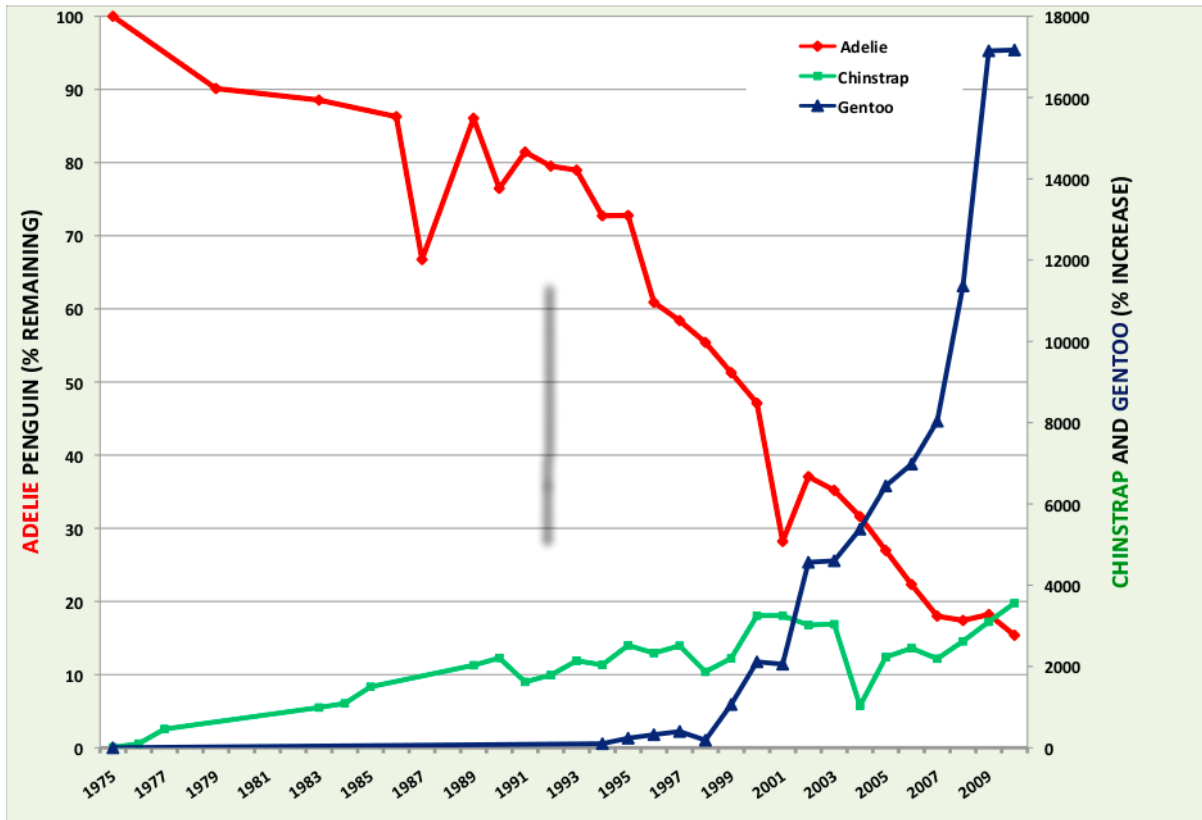
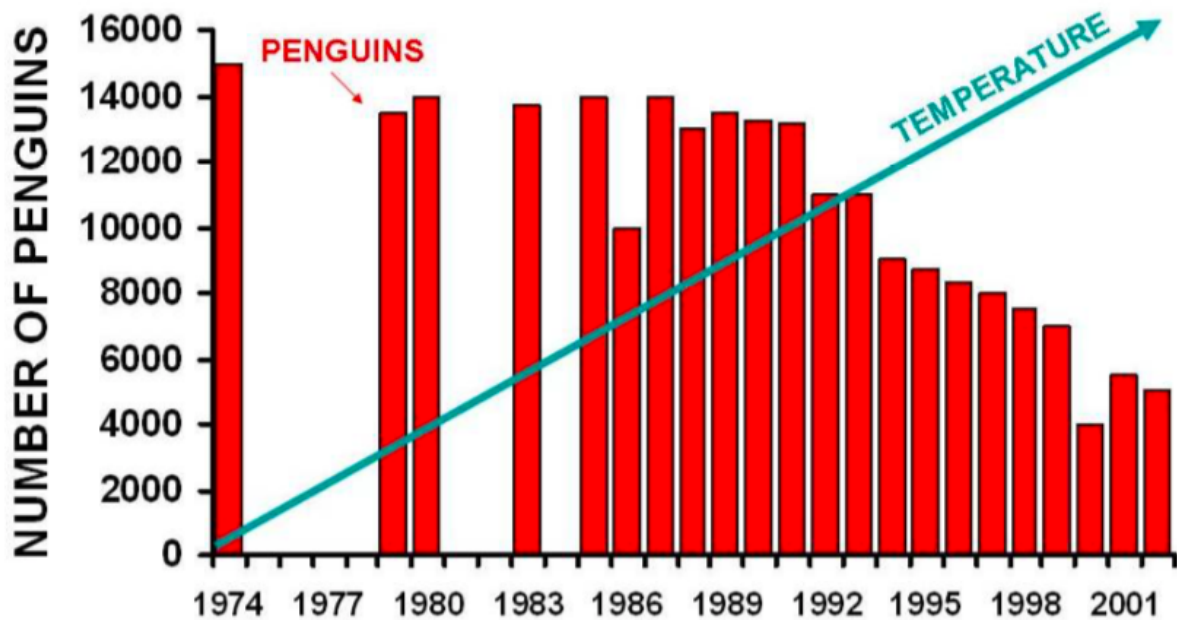


Fig 2. Changes in Adelie penguin populations at Northern colonies near Ansvor Island since 1974.



These are two different graphs showing information about Antarctic penguin populations. One is a line graph and the other is a bar graph.

1. Which graph is easier to understand? Why?
2. Which graph displays more information? Why?
3. What information is the line graph showing?
4. What information is the bar graph showing?

5. From the line graph make a statement about the difference between Gentoo penguins and the other two species shown on the graph.

6. What do you think is happening to the Adelie penguins to cause such a drop in their population?

7. If both graphs were to continue at their current rate, what do you think would happen to penguin populations by 2030?