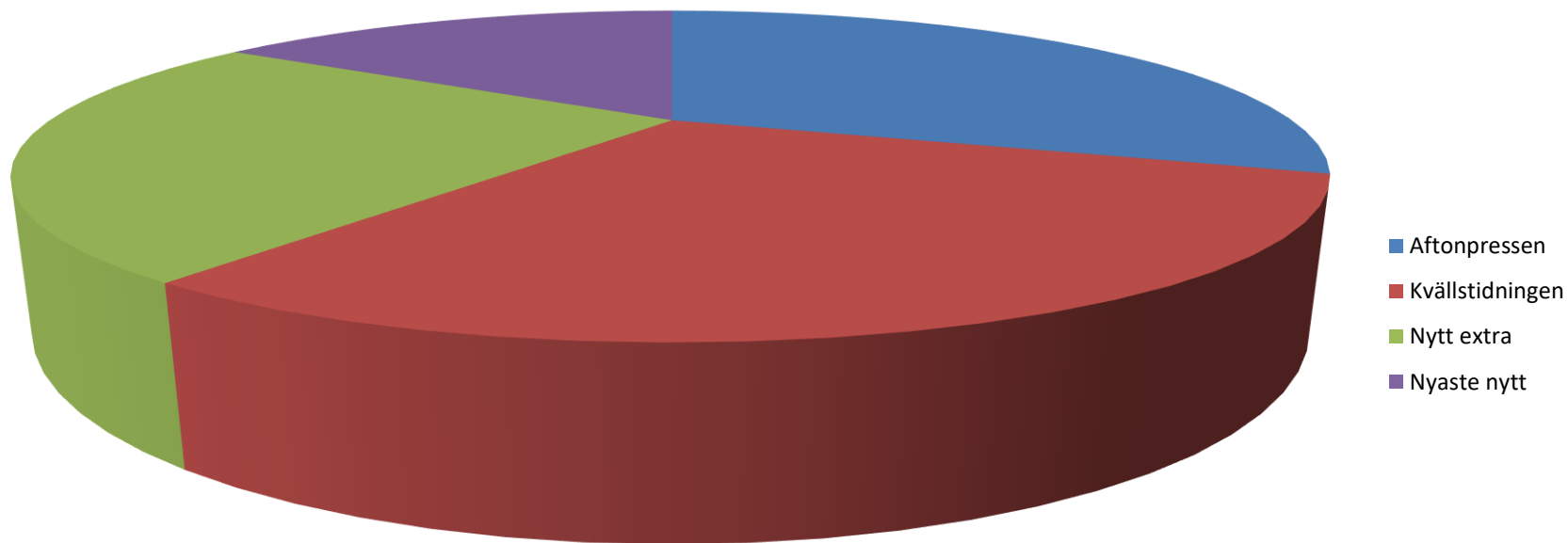


# Misleading Graphs

Don't be fooled!

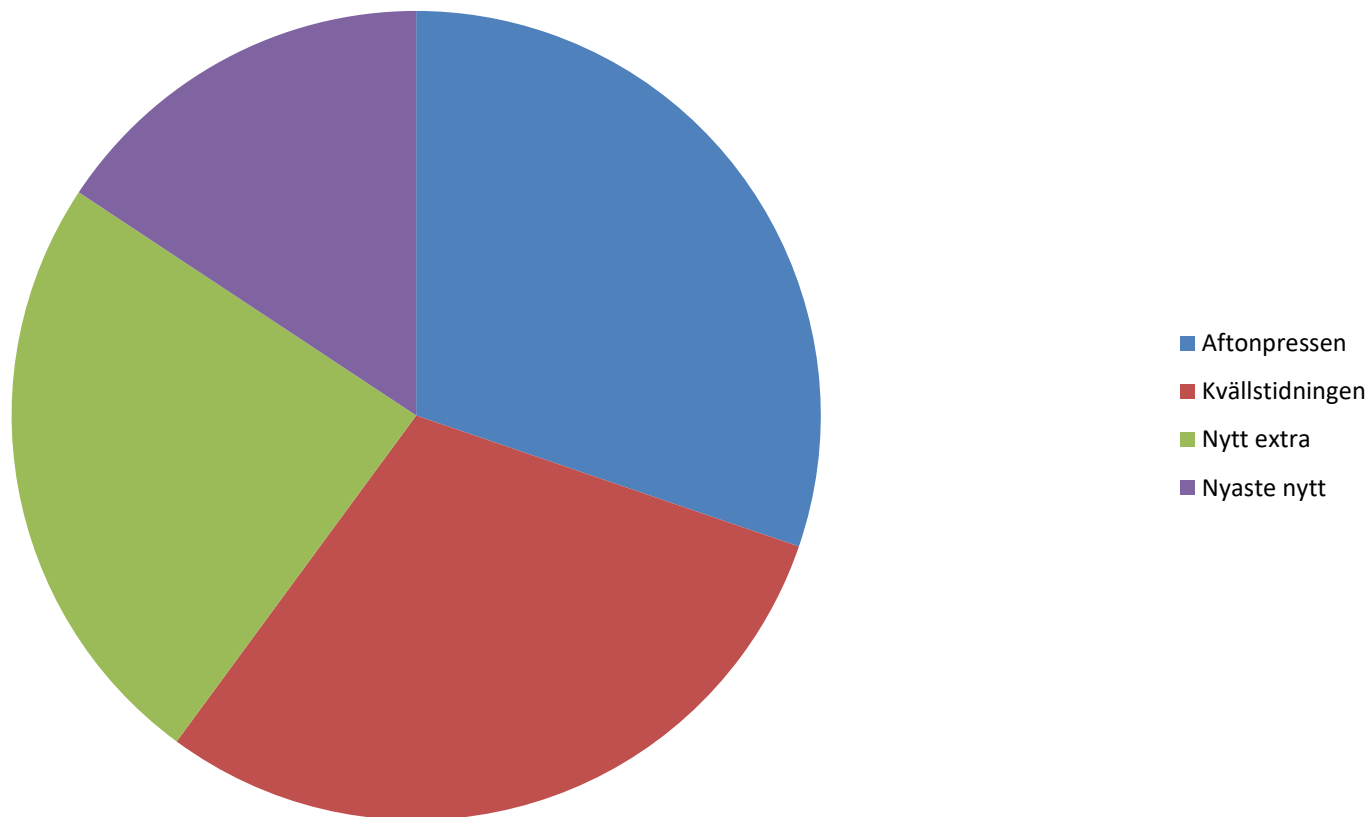
# Who sold the most newspapers?

Antal Sålda Tidningar



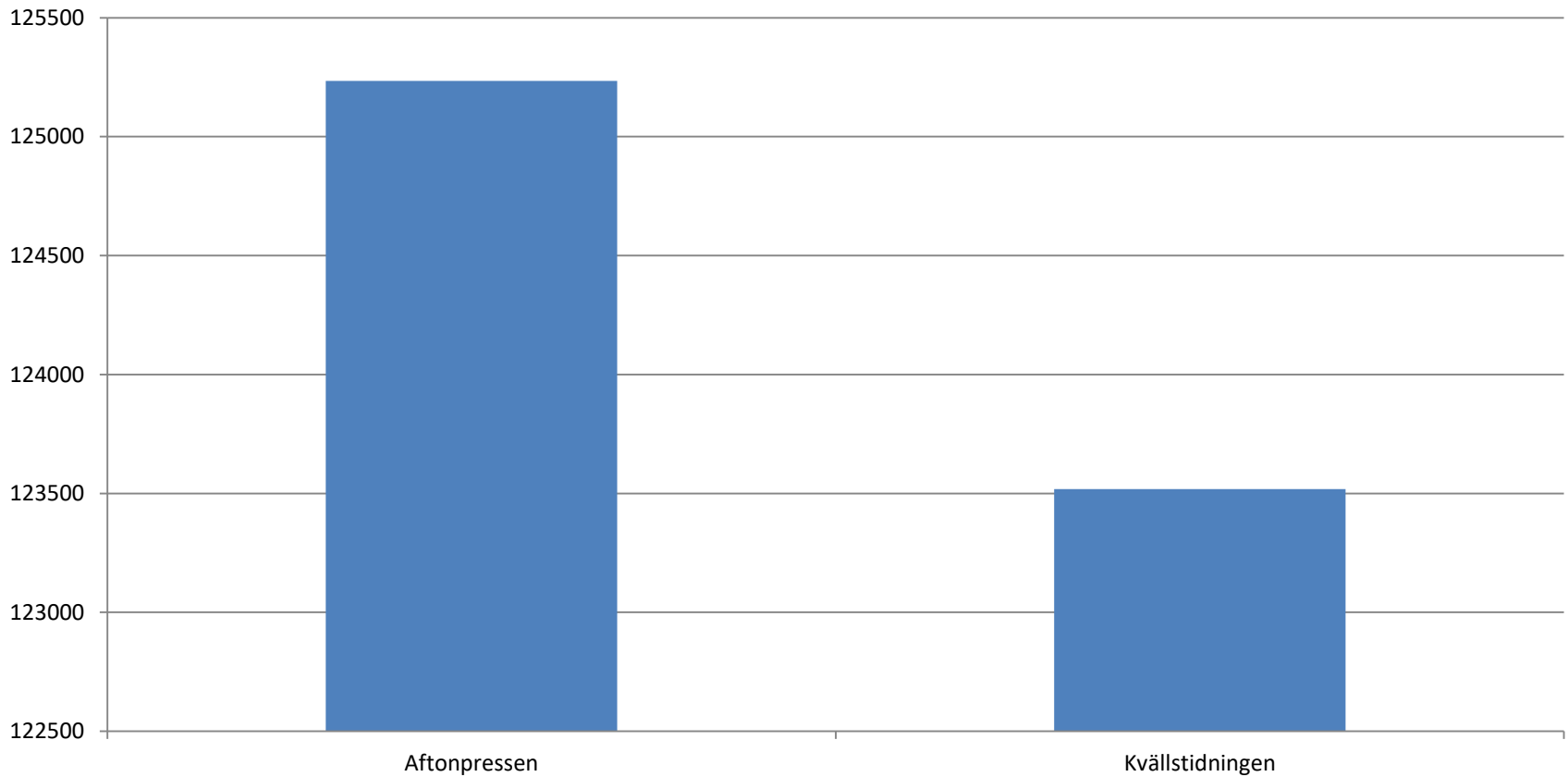
# What do you think now?

Antal Sålda Tidningar



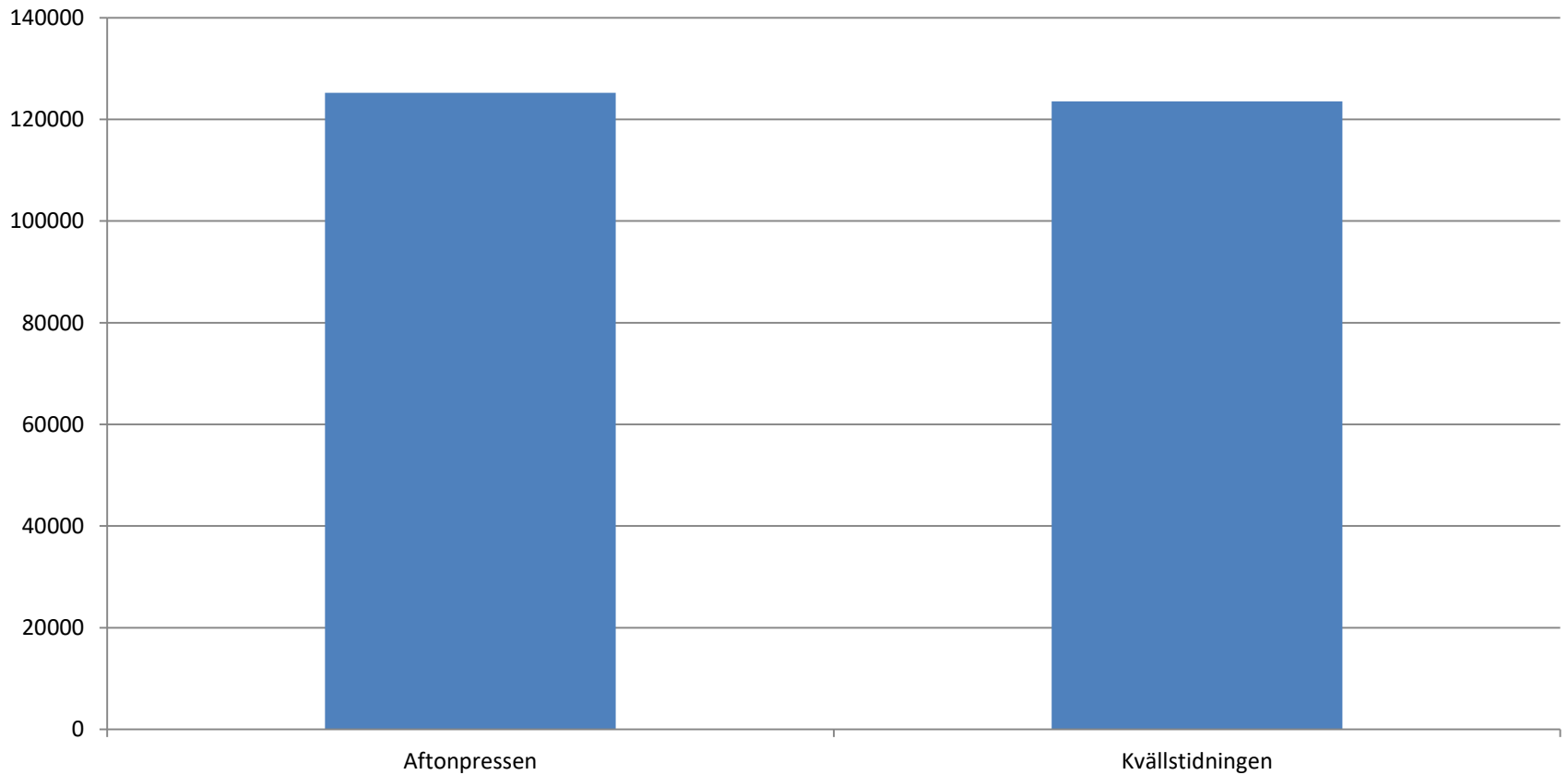
# Did Aftonpressen really sell almost 3 times as many newspapers?

Antal Sålda Tidningar



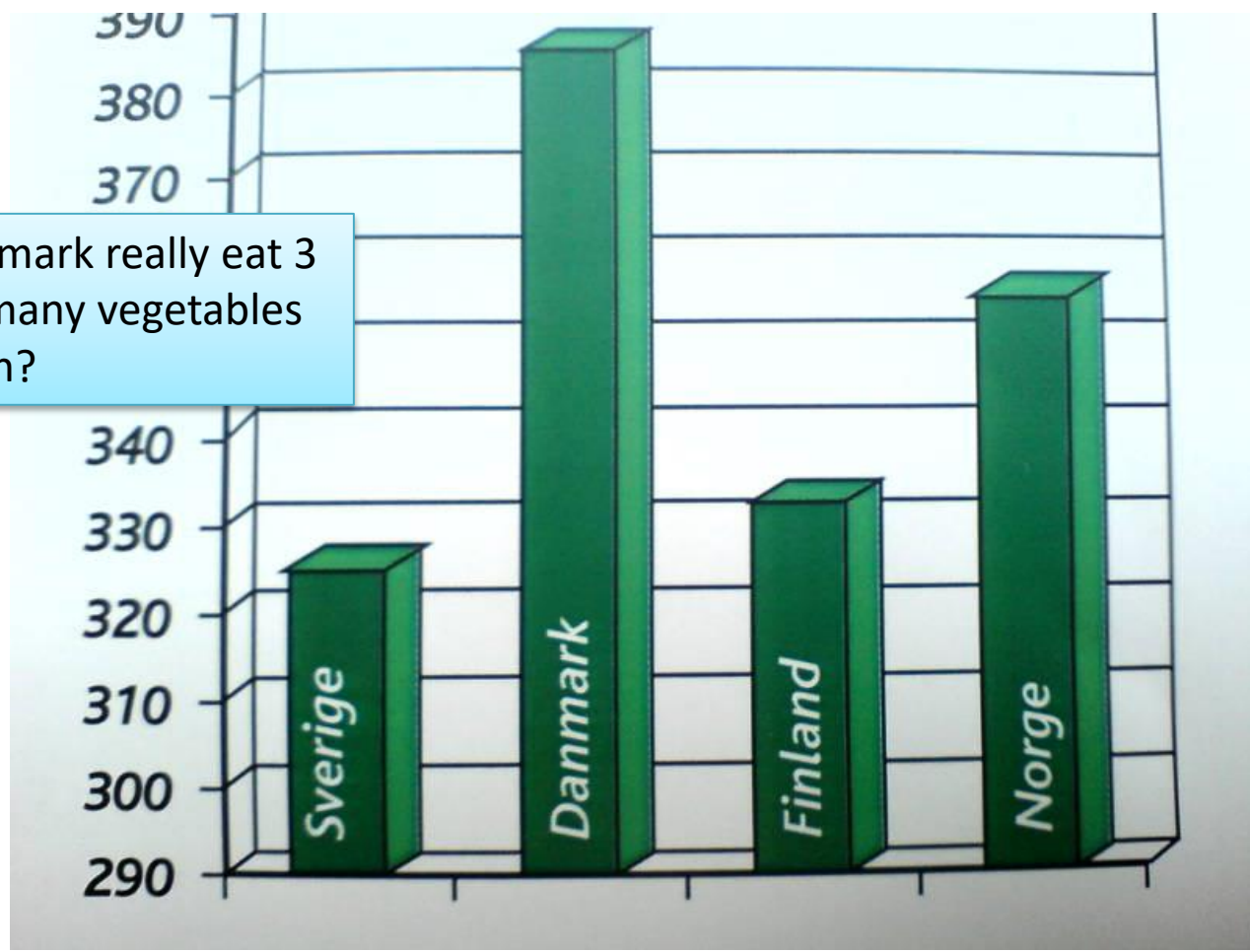
# How big does the difference look now?

Antal Sålda Tidningar

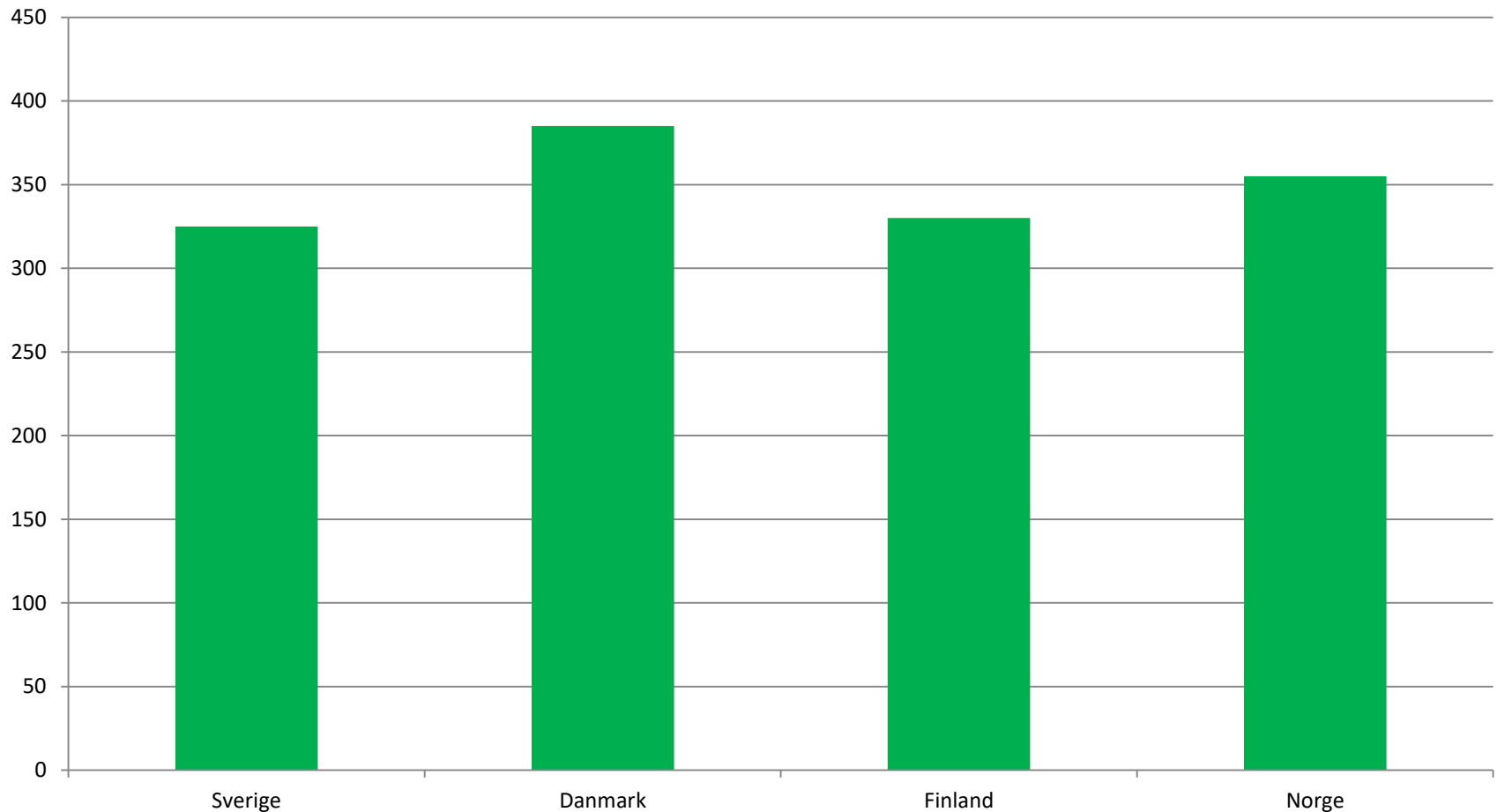


This is a diagram taken from an article on how much vegetables we eat in Sweden

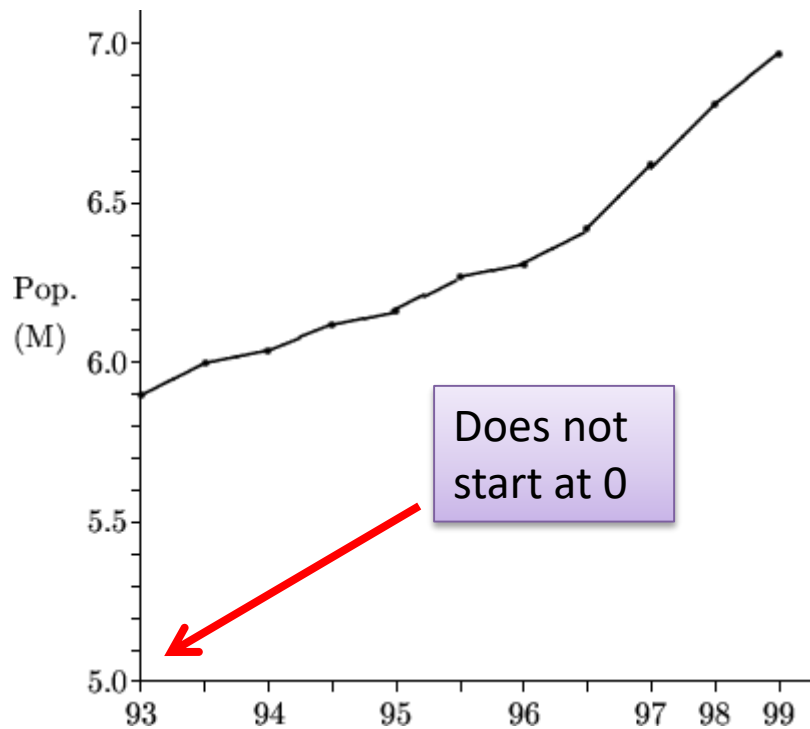
Does Denmark really eat 3 times as many vegetables as Sweden?



Here is the data presented more accurately – is the difference that big?



This graph shows the population of Hong Kong in the 90's.



Did the population really increase that fast?

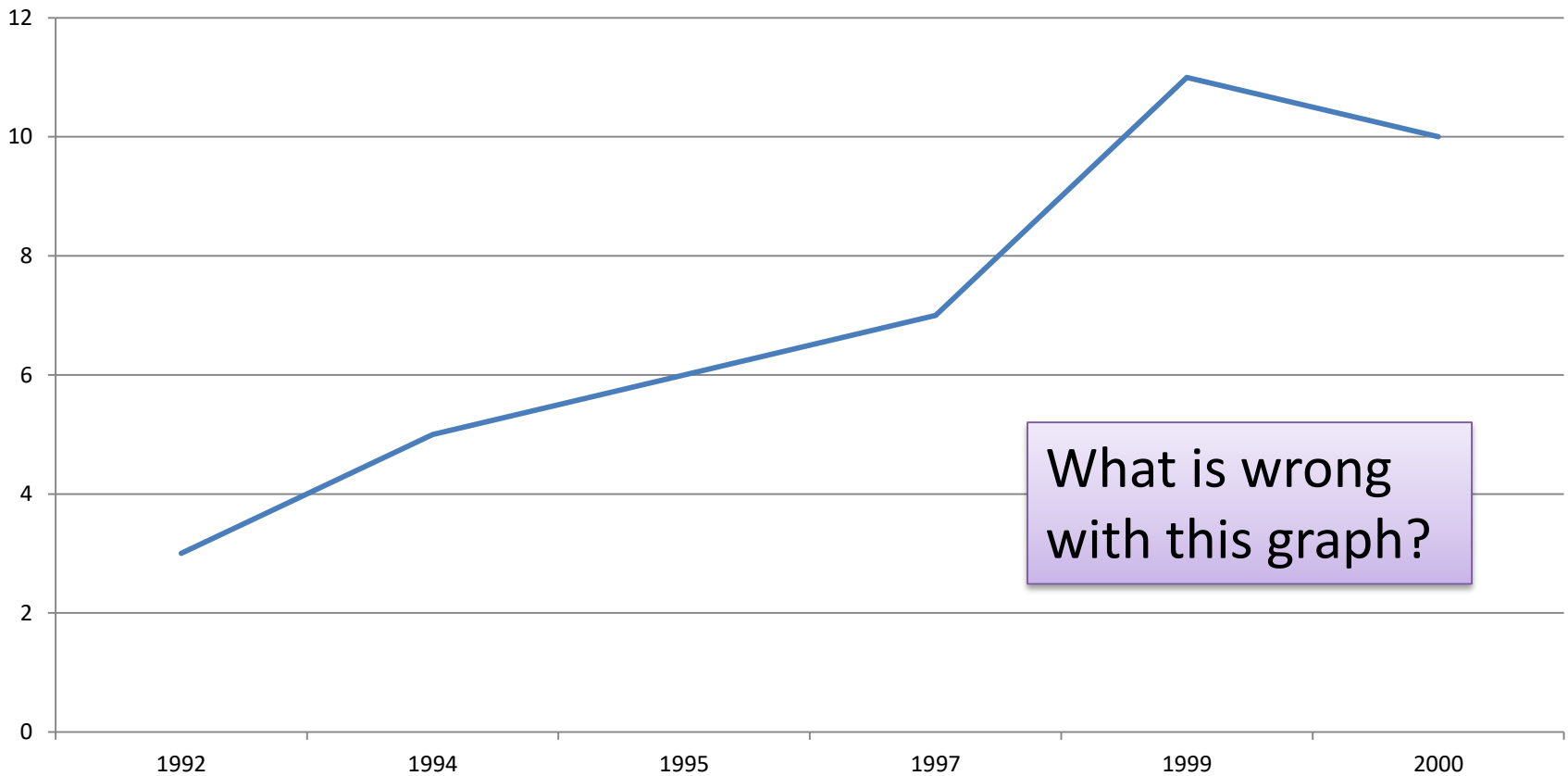
Name two things wrong with this graph.

Scale changes on the axis



# Did the number of hurricanes really increase so steadily in the 90's?

Hurricanes in the 1990's

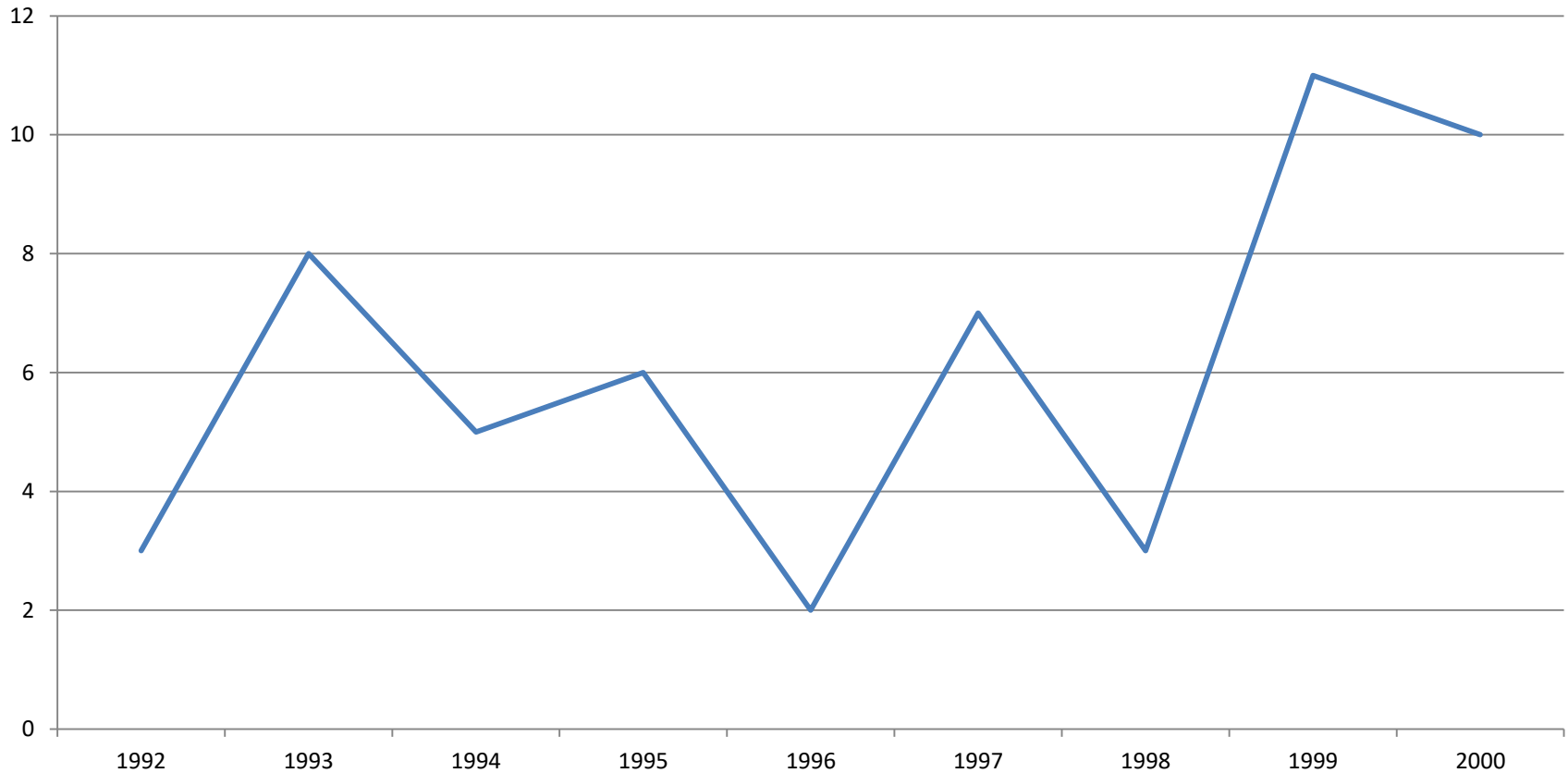


What is wrong with this graph?

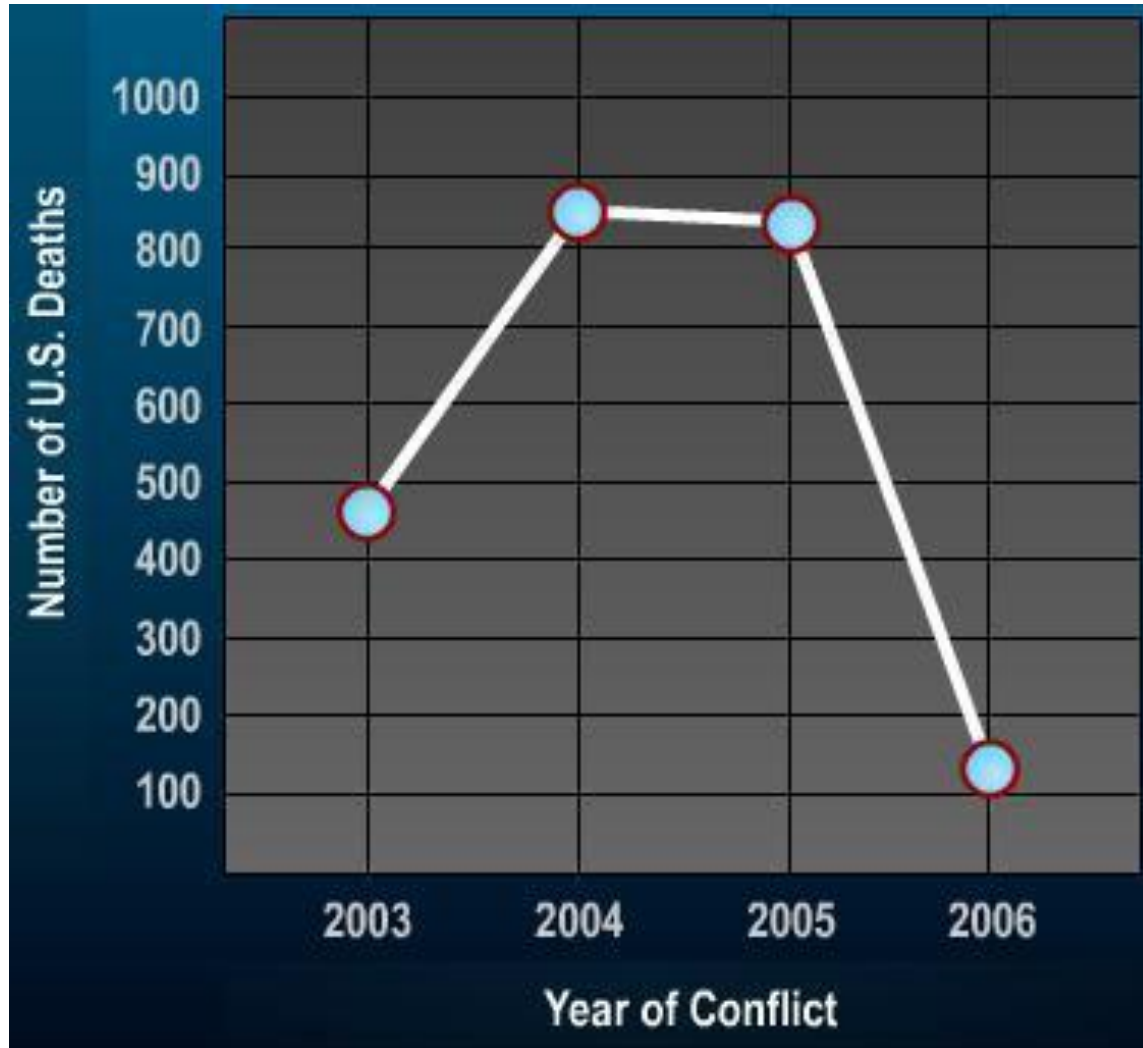
Look at the years!

# The same data with all the years

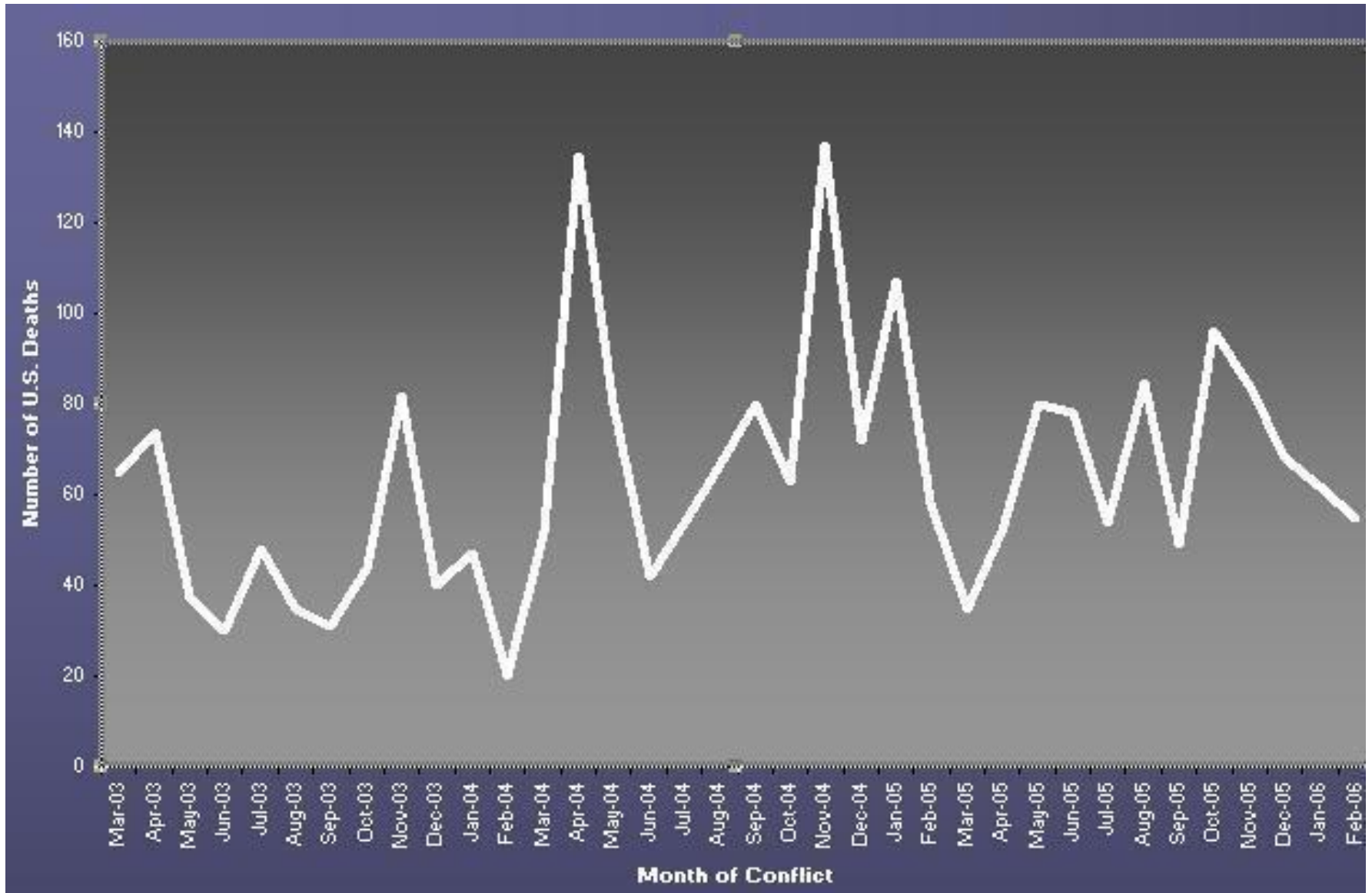
Hurricanes in the 1990's



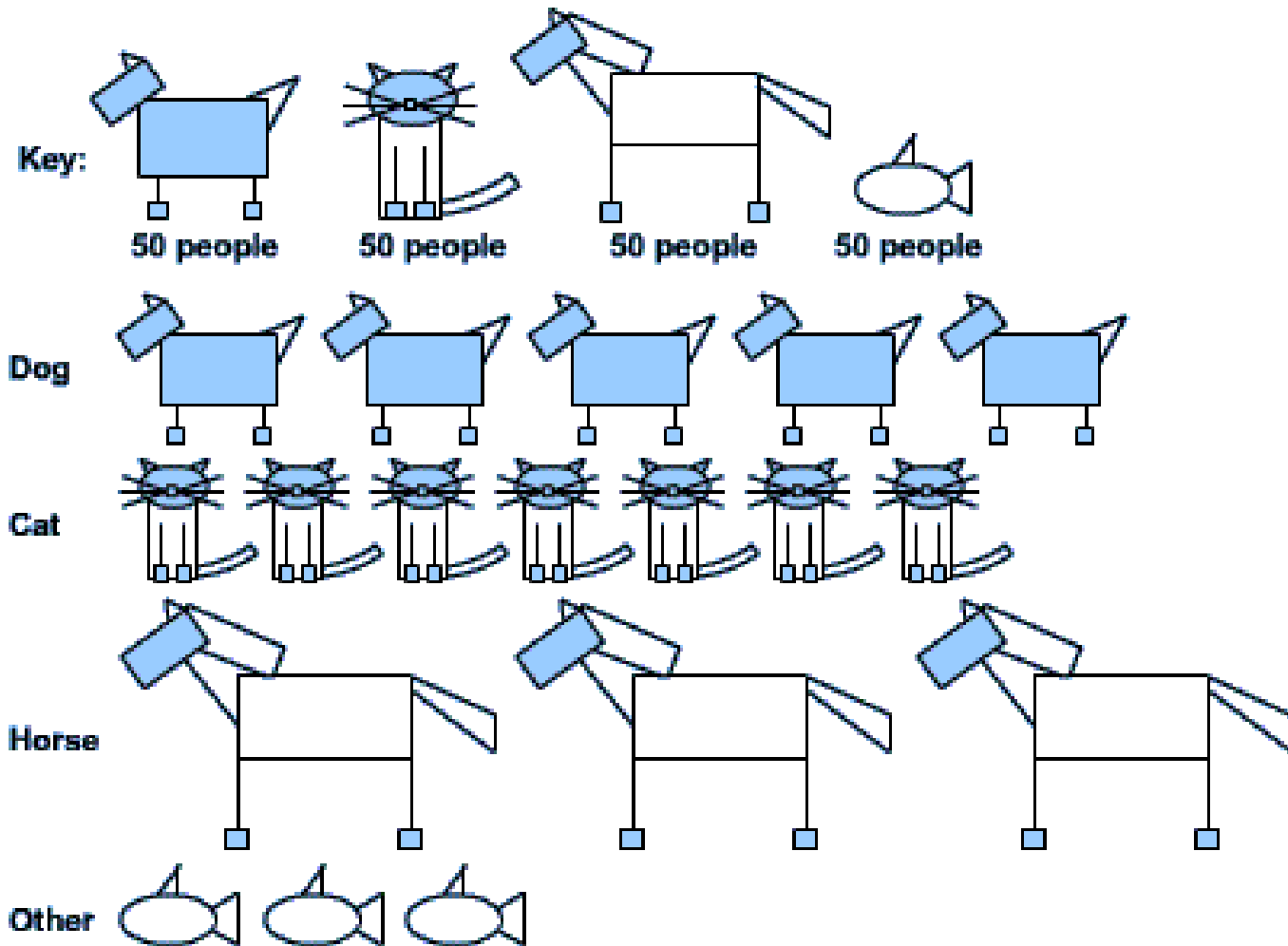
This graph was published in the beginning of March 2006 by AOL and titled "Where are we heading". It was used to "show" that the deaths in Iraq were dramatically declining.



# Same graph showing all the data



# Why is this chart misleading?



# Is this chart better? Why?

