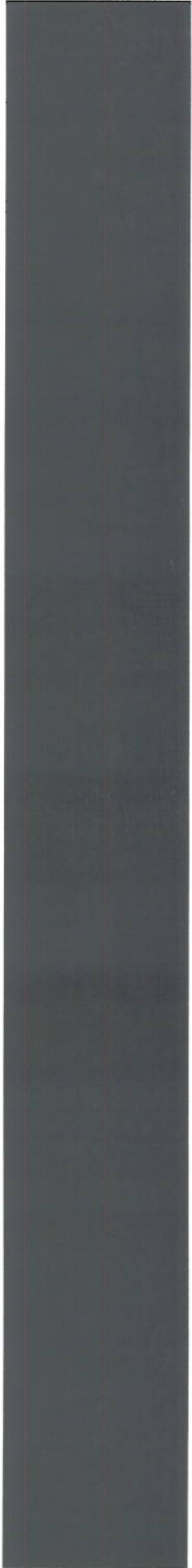
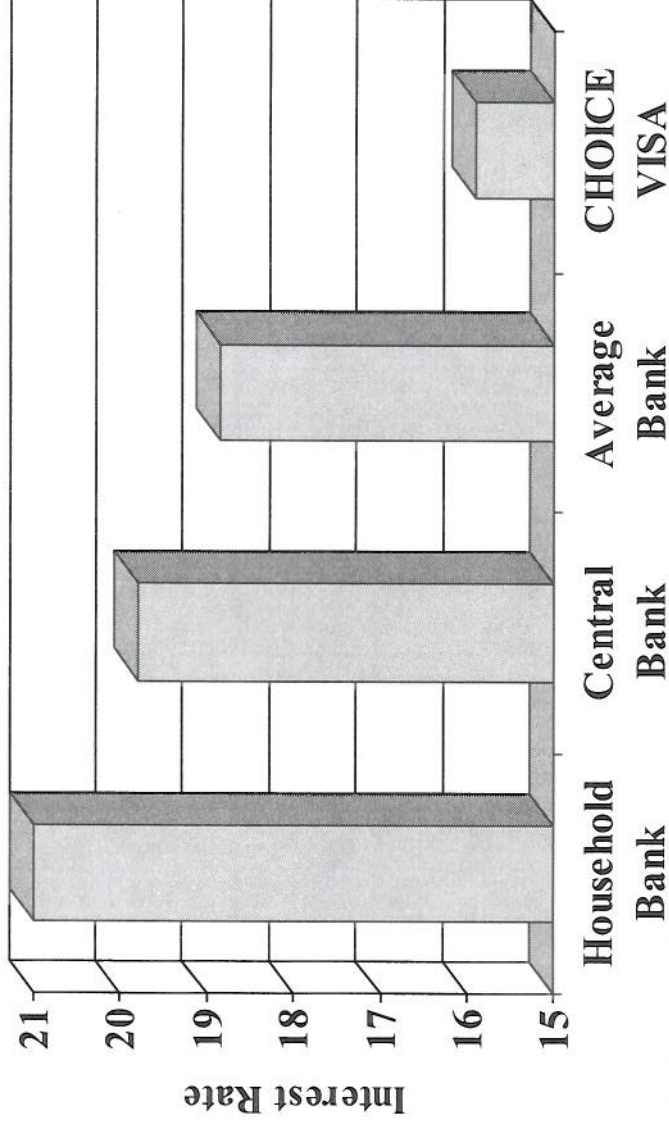


Thought Question 1



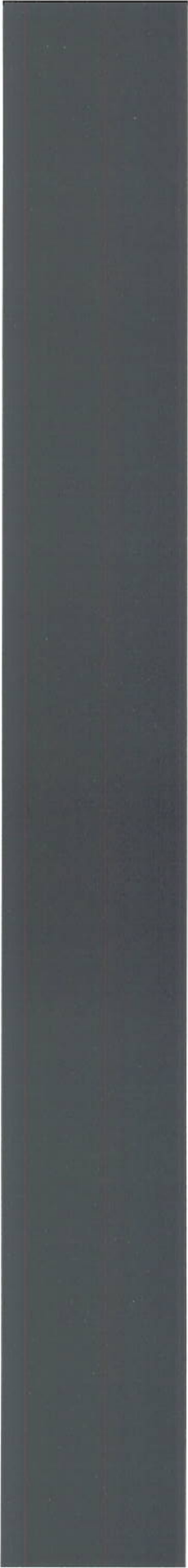
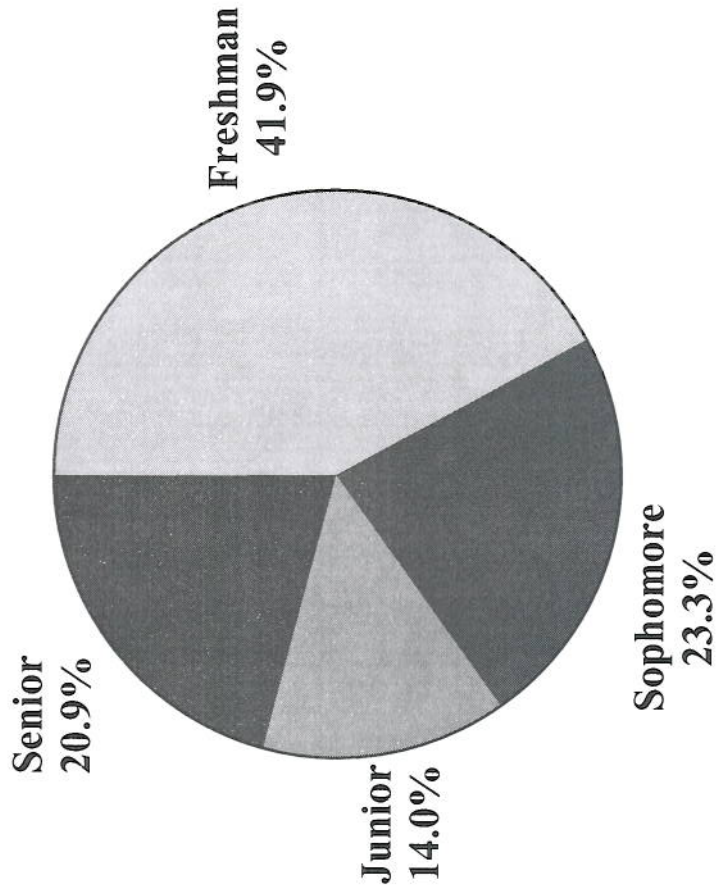
What is confusing or misleading about the following graph?



Class Make-up on First Day

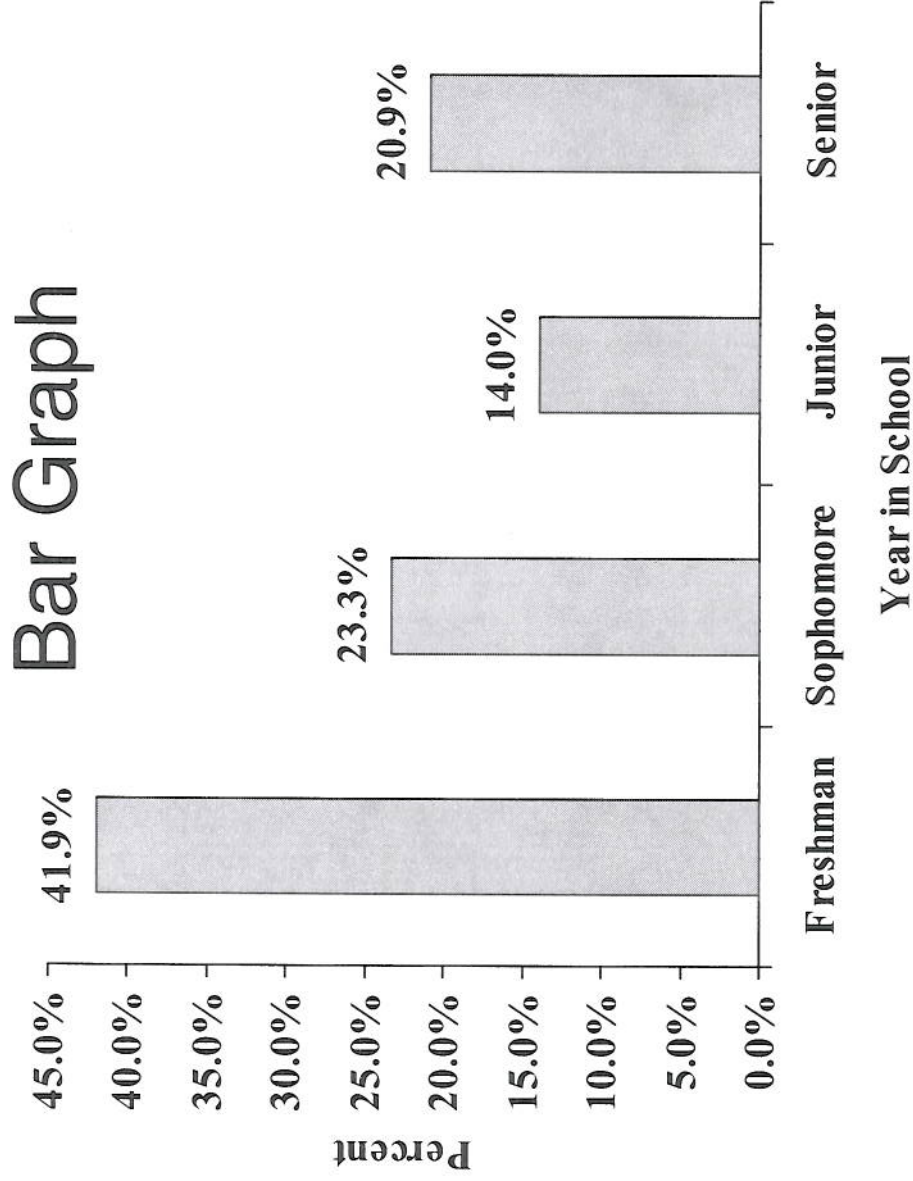
(Summer 2002)

Pie Chart



Class Make-up on First Day

(Summer 2002)



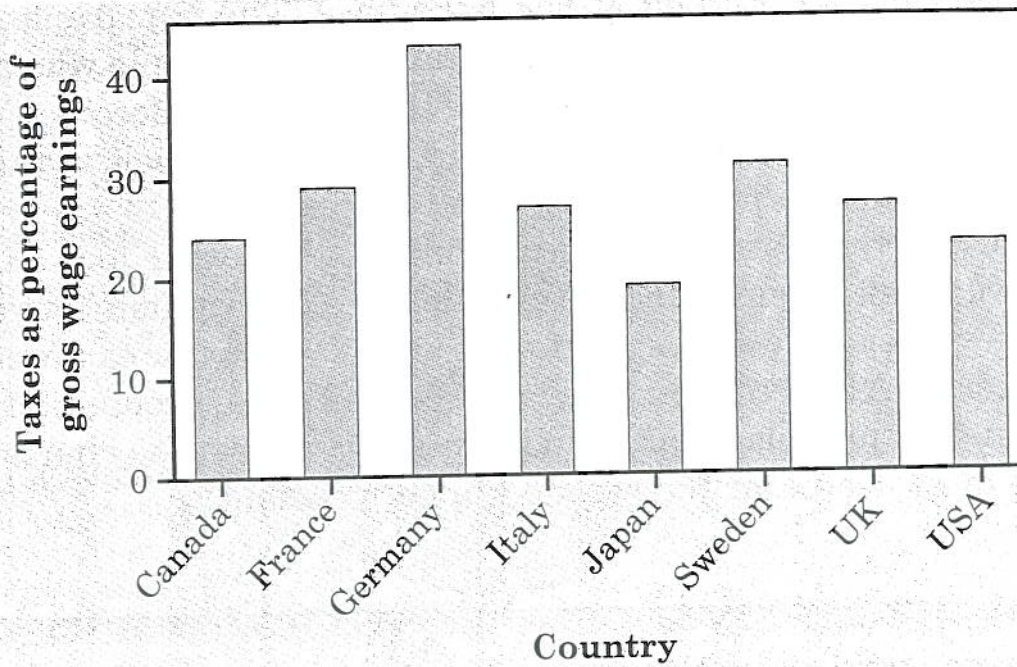
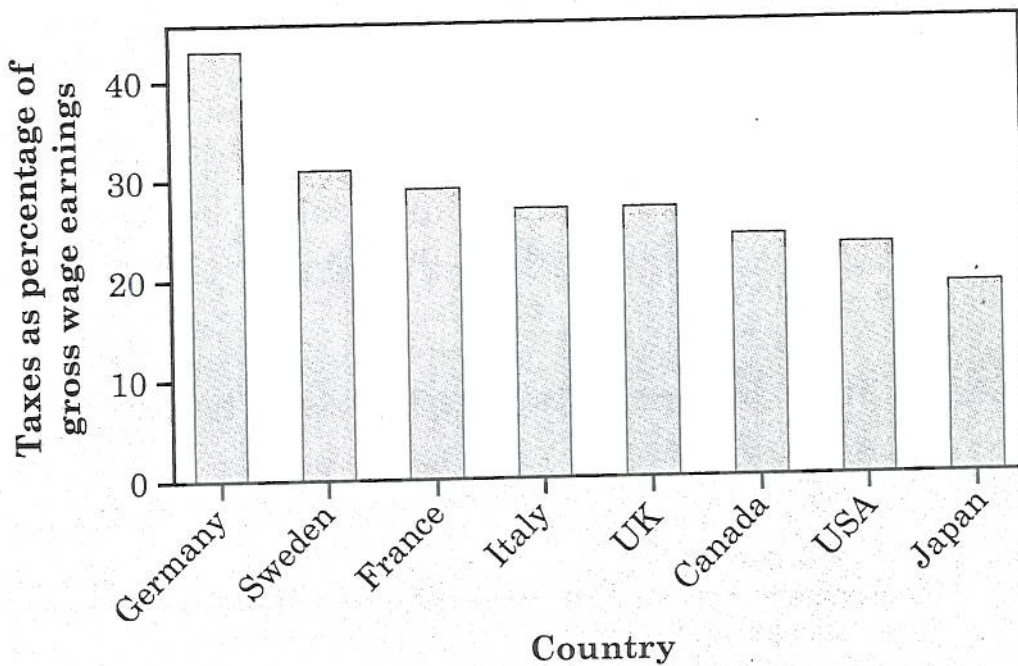
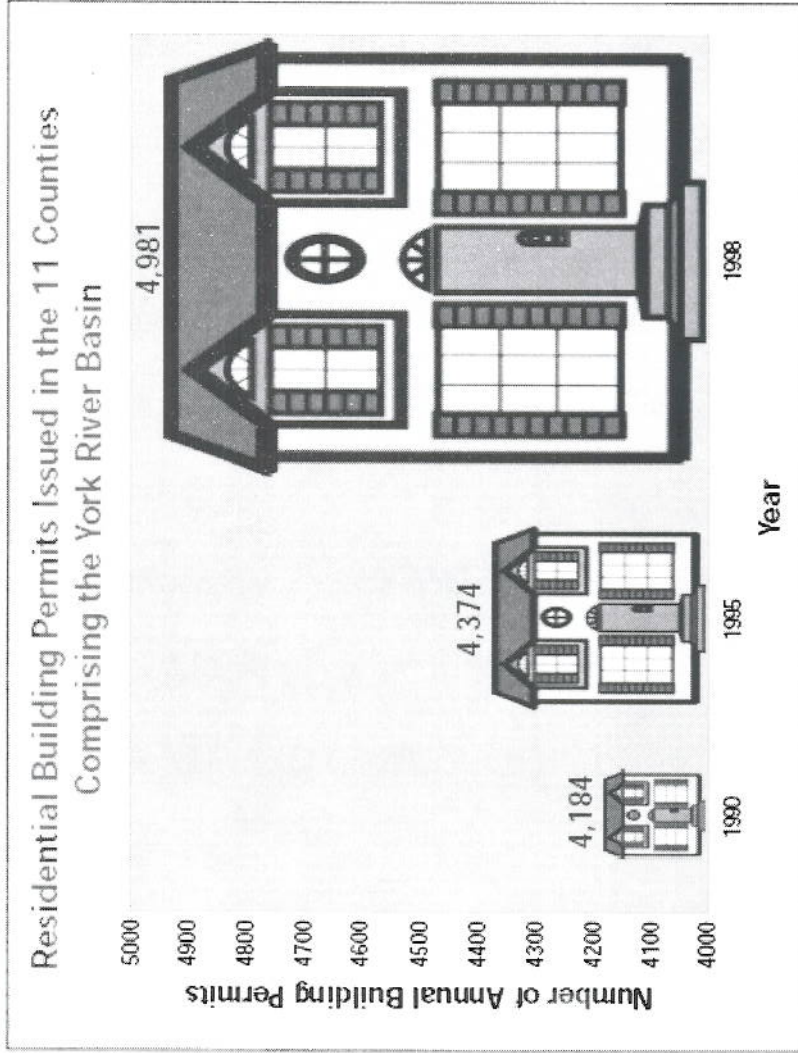


Figure 10.4 Percentage of gross wage earnings paid in income tax and employee Social Security contributions in eight countries in 2006, for Example 3. These percentages are for single individuals without children at the income level of the average worker. (Data from the Organization of Economic Cooperation and Development, www.oecd.org/document/17/0,3343,en_2649_34533_38148433_1.1.1.1,00.html. This figure was created using the Minitab software package.)



Beware of Pictograms

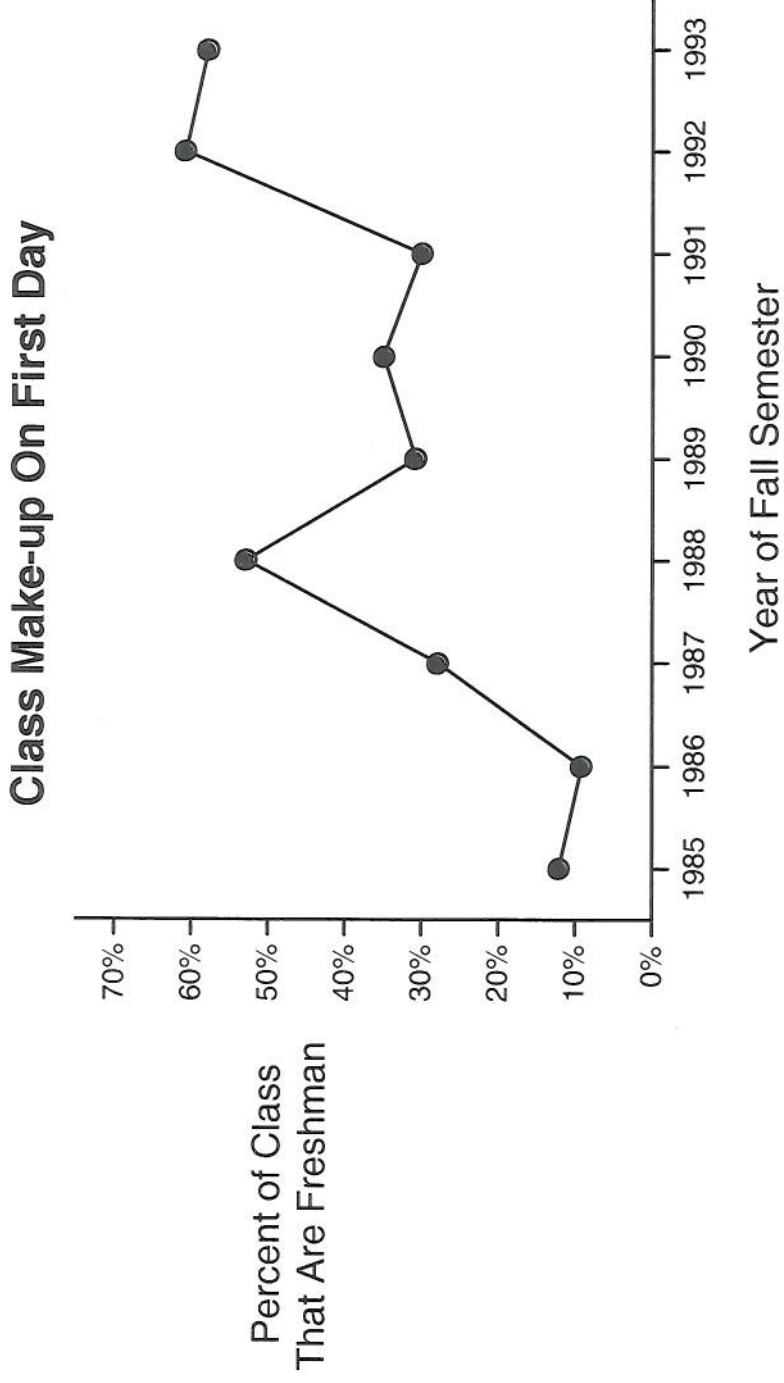


While these are not watershed-specific data, they do reveal the growth trend apparent in the counties that fall within the watershed boundaries. The most rapid growth in building permits between 1995 and 1998 occurred in Hanover and Spotsylvania counties.

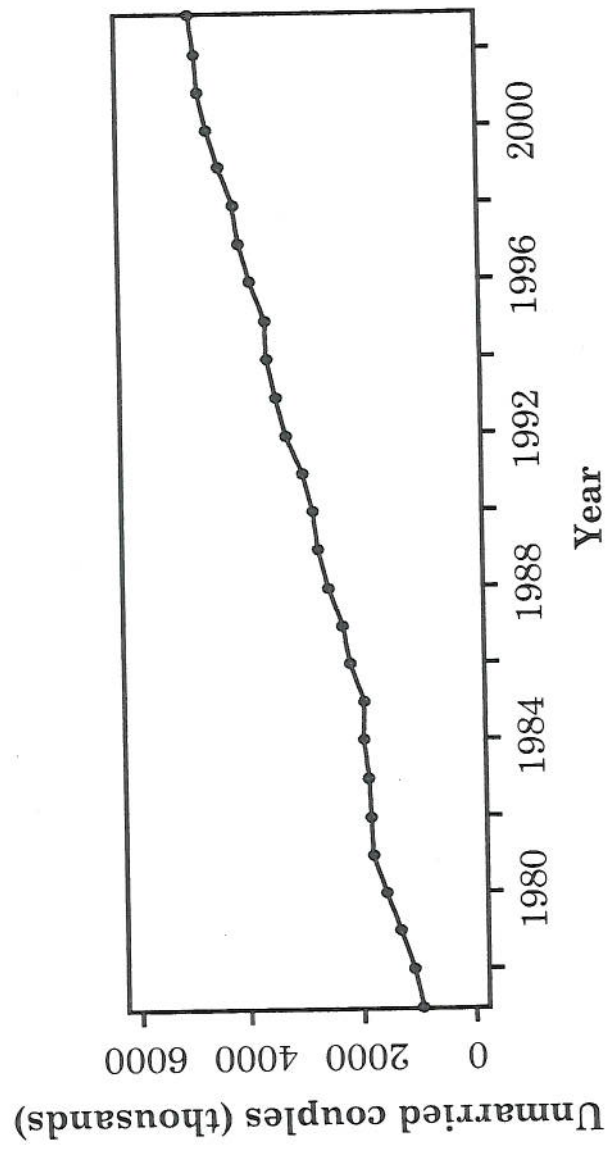
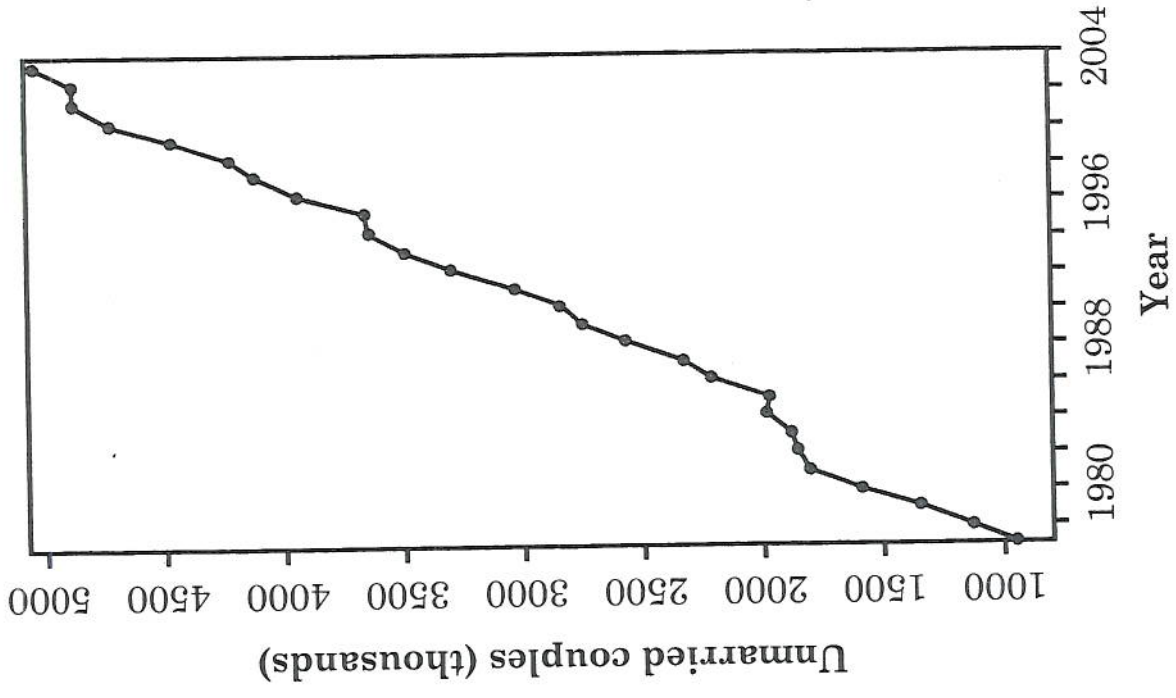
Source: State of the York Watershed 2000, The York Watershed Council, Virginia

Class Make-up on First Day

(Fall Semesters: 1985-1993)



Watch those scales!



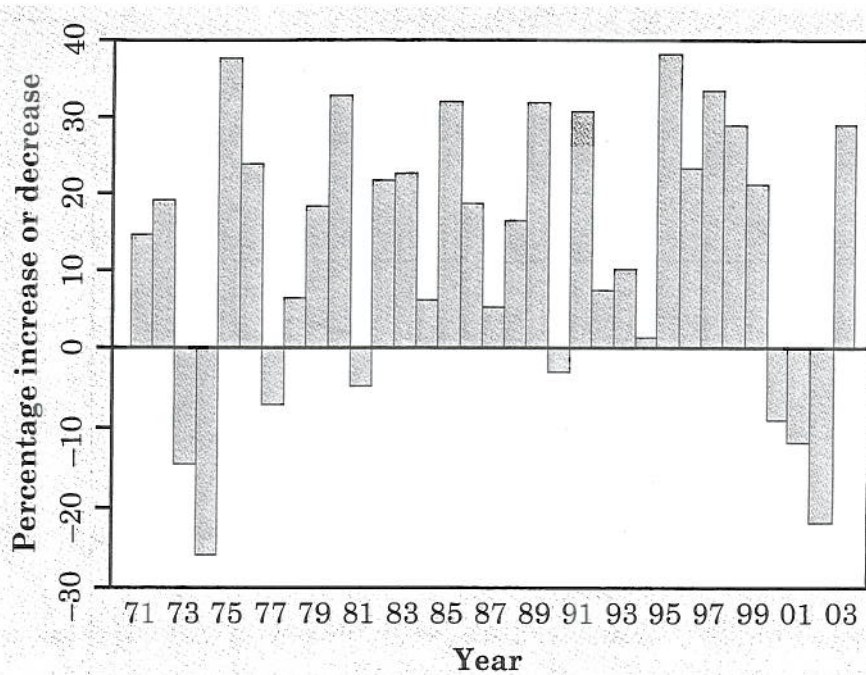


Figure 10.8 Percentage increase or decrease in the S&P 500 index of common stock prices, 1971 to 2003, for Example 7. (This figure was created using the SPSS software package.)

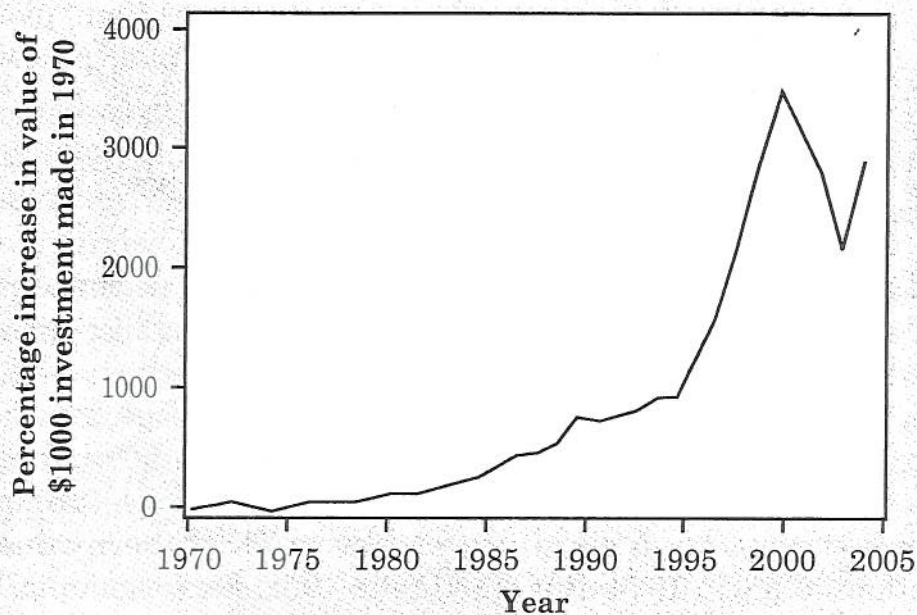


Figure 10.9 Value at the end of each year, 1970 to 2003, of \$1000 invested in the S&P 500 index at the end of 1970, for Example 7. (This figure was created using the SPSS software package.)

Another Misleading Graph

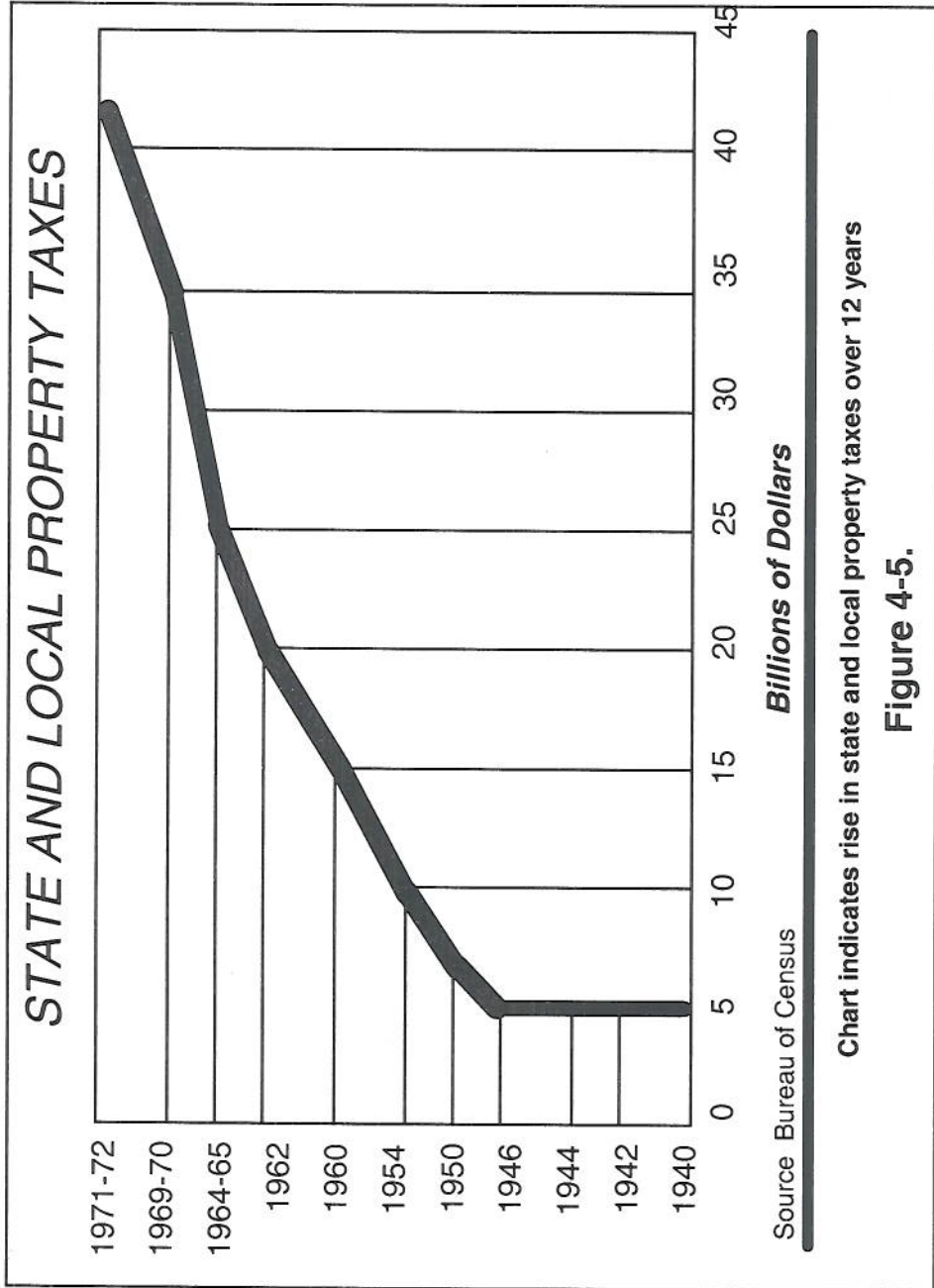


Chart indicates rise in state and local property taxes over 12 years

Figure 4-5.

