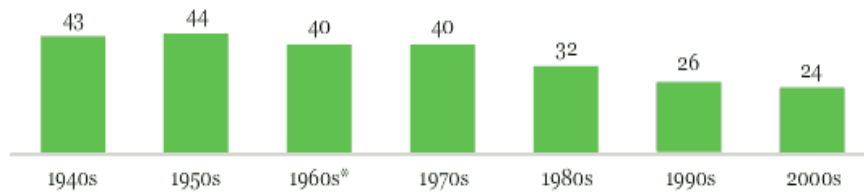


STATISTICS – SMOKING RATES - DESCRIBING AND MAKING GRAPHS

1) Look at the graph below and fill in the gaps with the missing data or words.

Cigarette Smoking, by Decade

■ Average % who smoke



* 1960s includes only one measurement

GALLUP POLL

(f)..... in the 1990s, and 24% since (g)

Adult smoking peaked in the (a)..... at 44%, and remained at (b) until the 1970s, but has since gradually (c) The average rate of smoking across the decades fell from (d) in the 1970s to 32% in the (e), then

2) Look at the following data and answer the questions.

Lifetime Smoking Status, by Age

	18 to 29 years	30 to 49 years	50 to 64 years	65 years and older
	%	%	%	%
Current smoker	30	26	17	9
Former smoker	12	23	33	47
Total ever smoked	42	49	50	56
Never smoked	58	51	49	44

July 10-13, 2008

GALLUP POLL

- What is the ratio of current smokers to those who never smoked in the 31-49 year group?
- What is the ratio of former smokers to current smokers in the 50-64 year group?
- What is the ratio of former smokers to current smokers in 65+ year group?
- What is the trend of smoking by age in the current smokers' group?
- What is the trend of smoking by age in the former smokers' group?

3) Make a bar chart using the data for current smokers and former smokers.

(source: <http://www.gallup.com/poll/109048/us-smoking-rate-still-coming-down.aspx>)

SOLUTION:

1.

a	b	c	d	e	f	g
1950s	40 %	declined	40 %	1980s	26 %	2000

2.

a	b	c	d	e
26/51 → almost half	33/17 → almost double	47/9 → almost five times as many	decreasing	increasing

3.

Sample bar chart:

	18-29	30-49	50-64	65+
CURRENT SMOKER	30	26	17	9
FORMER SMOKER	12	23	33	47

