

## Exercise 2-1

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### Evening News

For getting a story on the evening news, the summary statistic I would use is outliers. News seems to like extremes which outliers are. Although, I would have to come back to central tendency to cause a riot.

### Anxious Patient

For getting a story on the evening news, the summary statistic I would use is the central tendency. Specifically the average statistic in order to calm them down.

### Cecil Adams

Using the information in the histogram from figure 2-5.

#### Do first babies arrive late?

Analyzing the data 2002 pregnancies containing approximately 7500 births. The distribution shows that approximately 2000 first births and 2500 other births (roughly 4500 births) occurred on week 39. An additional 500+ first births with another 500+ other births occurred on week 40. Out of the remaining 2000 babies, the majority are well balanced between first and other births and tend to stay close to the average with a good balance of early and late births between weeks 35 and 43. So the trend is that first babies do not tend to arrive late.