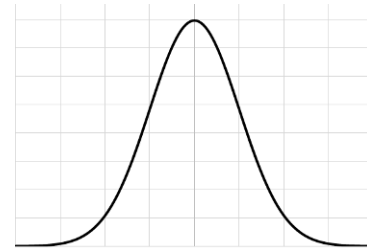# Vocabulary: Polling: City

📖 **Vocabulary**

- Margin of error – a statistic that expresses the expected accuracy of the results of a poll.

  o For example, if a poll says that 46% of voters support Candidate A with a ±3% margin of error (with a confidence level of 95%), there is a 95% probability that the true percentage of voters supporting Candidate A is between 43% and 49%.

  o Margin of error is usually calculated for a 95% confidence level.

    ▪ For a larger confidence level (like 99%), the margin of error is larger.

    ▪ For a smaller confidence level (like 90%), the margin of error is smaller.

- Normal distribution – a theoretical probability distribution that is bell-shaped and symmetric about its mean.

  o The normal distribution is also known as the Gaussian distribution.

  o The bell shape indicates that results near the mean are likely, while results farther from the mean are less likely (but not impossible).

Normal distribution

- Poll – a survey of people to determine their information, opinions, or expected votes.

- Population – an entire group of objects or individuals.

- Sample – a part of a population selected to represent the entire population.