

# Chapter 7 Notes

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### Example 0.1

In each of the following statements, identify the underlined number as the value of the population parameter or a sample statistic.

a) IN a recent survey of young adults, 66% of millennials said they “always believed the world is round”

66% is a statistic, a survey is a sample.

b) A spokesperson for Google reported that the proportions of all people working for the company who were woman is 0.31

Parameter -  $p = \%$  of population

c) The U.S. Dep

This is a summary of all bridges in the U.S, this is a parameter.  $\mu =$  mean of population

d) The manager of a large hotel

statistic -  $\bar{x} =$  mean of sample

e)

statistic -  $\hat{p} = \%$  of sample