

Lesson 10:
Sampling distributions and the Ce...

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Quiz: Descriptive vs. Inferential (Bagels)

SEARCH

Q

RESOURCES

CONCEPTS

✓ 4. Quiz: Descriptive vs. Inferentia...

✓ 5. Text: Descriptive vs. Inferential ...

✓ 6. Video + Quiz: Introduction to Sa...

✓ 7. Video + Quiz: Introduction to Sa...

✓ 8. Video: Introduction to Sampling...

✓ 9. Notebook + Quiz: Sampling Dist...

✓ 10. Text: Sampling Distribution No...

✓ 11. Video: Introduction to Notation

✓ 12. Video: Notation for Parameter...

✓ 13. Quiz: Notation

✓ 14. Video: Other Sampling Distrib...

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QUESTION 1 OF 2

Identify the population(s), parameter(s), sample(s), and statistic(s) for the b

Consider we own a bagel shop. We know that the average diameter of all c
inches. A competitor moves right next door to us! We are interested in if th
bagels than us. We obtain 100 of their bagels, and we find they have an av
6 inches.

Statistic

Sample

None

Parameter

DESCRIPTION	TERM
5.5 inches	<div>Parameter</div>
6 inches	<div>Statistic</div>
All the bagels at our bagel shop.	<div>Population</div>
All the bagels at our competitor's bagel shop.	<div>Population</div>
The 100 bagels from the competitor's bagel shop.	<div>Sample</div>

QUESTION 2 OF 2

For the below, match the term to the correct description.

Statistic

Population

Statistic

None

DESCRIPTION	TERM
A numeric summary of a sample.	<div>Statistic</div>
A numeric summary of a population.	<div>Parameter</div>