



STATISTICS: Data & Chance



Definitions

Statistics: The field of mathematics that focuses on collecting and interpreting data.

Probability: A branch of mathematics that focuses on determining the chance of something happening.

Example: *The average annual snowfall in Buffalo, New York is 92.2 inches.*



Common Core

Measurement and Data

► Content Strand, grades K-5

Statistics and Probability

► Content Strand, grades 6-8

A decorative graphic on the left side of the slide. It features a dark blue vertical bar on the far left. A black arrow points to the right from the top of this bar. Below the arrow, several thin, light blue lines curve downwards and to the right, creating a sense of movement or flow.

How is Statistics used?

1. **Formulate** a question
2. **Collect** the data
3. **Represent** and analyze the data
4. **Interpret** and present the results