

HISTOGRAMS

- **PURPOSE:** Summarize Data for Frequency
- **TYPE:** Variable Data (measured on a continuous scale)
- **SAMPLE:** 50 to 100 Data Points

CALCULATIONS

- $N =$
- R (range) =
- k – intervals
 - $\sqrt{\text{of } N}$
 - Too few – tight and high
 - Too many - flat
- H – class width
 - $H = R$ divided by K (R/K)

Calculations continued

- Class Boundaries
 - Lowest individual measure (round down)
 - Add H to lower end point