

# STATISTICS

Note Title

6/24/2010

MEAN: 
$$\bar{y} = \frac{\sum_{i=1}^n y_i}{n}$$

STANDARD DEVIATION:

$$\sigma = \sqrt{\frac{\sum_{i=1}^n (y_i - \bar{y})^2}{n-1}}$$

VARIANCE:  $\sigma^2$

SKEWNESS:

$$\text{SKEW} = \frac{\frac{1}{n} \sum_{i=1}^n (y_i - \bar{y})^3}{\left( \frac{1}{n} \sum_{i=1}^n (y_i - \bar{y})^2 \right)^{3/2}}$$