## The 68-95-99.7 Rule

In the Normal distribution with mean  $\mu$  and standard deviation  $\sigma$ :

- •Approximately **68**% of the observations fall within  $\sigma$  of  $\mu$ .
- •Approximately 95% of the observations fall within  $2\sigma$  of  $\mu$ .
- •Approximately **99.7**% of the observations fall within  $3\sigma$  of  $\mu$ .



