- Table A-2 is on two pages, with the left page for negative z scores and the right page for positive z scores.
- Each value in the body of the table is a cumulative area from the left up to a vertical boundary above a specific z score.
- When working with a graph, avoid confusion between z scores and areas.

z score: Distance along the horizontal scale of the standard normal distribution; refer to the leftmost column and top row of Table A-2.

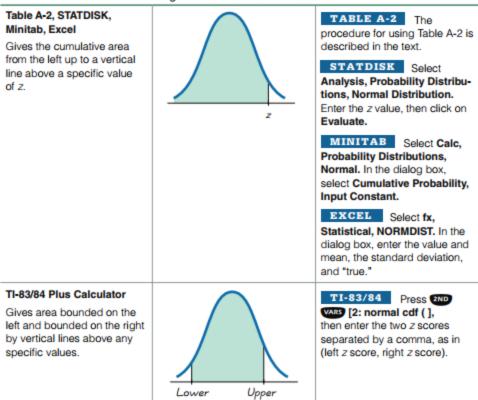
able A-2.

Area: Region under the curve; refer to the values in the body of Table A-2.

The part of the z score denoting hundredths is found across the top row of Table A-2.

CAUTION When working with a normal distribution, be careful to avoid confusion between z scores and areas.

Table 6-1 Methods for Finding Normal Distribution Areas



The following examples illustrate procedures that can be used with real and important applications introduced in the following sections.

Example 3 Bone Density Test

A bone mineral density test can be helpful in identifying the presence or likelihood of osteoporosis, a disease causing bones to become more fragile and more likely to break. The result of a bone density test is commonly measured as a z score. The