





# Score Explanation and Interpretation

## Individual Performance Profile

### Individual

#### **Adjusted Composite Score:**

The Adjusted Composite Score is a function of the number of questions answered correctly divided by the number of questions on the assessment. This percentage-correct score is then adjusted to account for differences in the difficulty of the form taken, producing the Adjusted Composite Score. For example:

$$\frac{\text{Number of questions answered correctly}}{\text{Total number of questions on the assessment}} =$$
$$\frac{136}{170} = 80\% \left( \begin{array}{c} \text{adjustment} \\ \text{for form} \\ \text{difficulty} \end{array} \right) = \begin{array}{c} \text{Adjusted} \\ \text{Composite} \\ \text{Score} \end{array}$$

#### **Adjusted Subscale Score:**

The Adjusted Subscale Score is calculated in the same way as the Adjusted Composite Score (above); however, each subscale score is calculated separately based on the number of items in the subscale rather than the entire assessment. Note: Due to unequal numbers of items in each subscale, the composite score may not be calculated directly from the subscale scores.

#### **Mean - National:**

The national mean is the average of the adjusted composite scores of all test takers (within a specified sample from the ATI data pool) for this assessment. The national mean includes all program types.

#### **Mean - Program:**

The program mean is the average of the adjusted composite scores of all test takers of your program type (within a specified sample from the ATI data pool) for this assessment within a specified time.

#### **Percentile Rank - National:**

The national percentile rank refers to the proportion of test takers from all types of nursing programs (within a specified sample from the ATI data pool) whose scores are the same as or lower than your composite score.

#### **Percentile Rank - Program:**

The program percentile rank refers to the proportion of test takers from your specific type of nursing program (within a specified sample from the ATI data pool) whose scores are the same as or lower than your composite score.

#### **DISCLAIMER:**

Reported composite percentile rank scores for test takers taking fewer than all four sections of the assessment are not valid, as they are computed against those who were assessed on all 170 questions. In addition, percentile rankings for individual content areas (Reading, Math, Science, and English) are based on results for test takers who have taken the entire assessment and cannot be considered comparable to scores obtained by test takers taking fewer than all four sections.