

Individual Performance Profile

Test of Essential Academic Skills Web



Individual Name: FN247721 3048000247721	Adjusted Individual Total Score: 76.5%
Student Number:	Mean - National 69.9%
Institution: IVY 01252	Mean - Program 71.9%
Program Type: ADN	Percentile Rank - National: 76
Test Date: 5/10/2005	Percentile Rank - Program: 64
# of Questions: 170	

Scores

Sub-Scale	Adjusted	Mean		Percentile Rank		Adjusted Individual Score (% correct)										
	Individual Score	National	Program	National	Program	1	10	20	30	40	50	60	70	80	90	100
TEAS: Reading - (40 Items)	95.0%	82.2%	85.1%	93	91											▲
Paragraph Comprehension	83.3%	79.7%	83.0%													▲
Passage Comprehension	100.0%	84.5%	87.3%													▲
Inferences/Conclusions	83.3%	74.2%	77.2%													▲
TEAS: Math - (45 Items)	64.4%	59.8%	61.2%	69	56											
Whole Numbers	73.3%	64.7%	66.7%													▲
Fractions and Decimals	80.0%	70.5%	72.1%													▲
Percentages	50.0%	50.1%	51.5%								▲					
Ratio and Proportion	80.0%	56.8%	58.0%													▲
Metric Conversions	0.0%	56.0%	56.8%					▲								
Algebraic Equations	50.0%	50.2%	51.4%								▲					
Diagrams and Graphs	83.3%	59.3%	60.6%													▲
TEAS: Science - (30 Items)	73.3%	64.1%	66.1%	84	77											
Science Reasoning	80.0%	53.5%	55.3%													▲
General Science	42.9%	58.6%	59.6%								▲					
Biology	100.0%	75.2%	77.4%													▲
Chemistry	66.7%	52.3%	54.4%													▲
Physics	100.0%	78.0%	80.5%													▲
Anatomy & Physiology	66.7%	67.0%	69.6%													▲
TEAS: English - (55 Items)	74.5%	72.5%	74.2%	60	47											
Punctuation	75.0%	79.2%	82.4%													▲
Grammar	64.0%	65.5%	67.0%													▲
Sentence Structure	100.0%	75.1%	77.3%													▲
Contextual Words	86.7%	76.5%	77.9%													▲
Spelling	60.0%	87.2%	88.6%													▲

Montgomery College Nursing Program Minimum Requirements

Reading - 84% or higher

Math - 48% or higher

Science - 60% or higher

English - 74% or higher



Score Explanation and Interpretation

Individual Performance Profile

Individual Score

Adjusted Individual Total Score:

The adjusted individual total 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 individual total score. For example:

$$\frac{\text{Number of questions answered correctly}}{\text{Total number of questions on the assessment}} =$$
$$\frac{136}{170} = 80.0\% \left(\begin{array}{l} \text{Adjustment} \\ \text{for form} \\ \text{difficulty} \end{array} \right) = \frac{\text{Adjusted Individual}}{\text{Total Score}}$$

Adjusted Individual Sub-Scale Scores:

Adjusted individual sub-scale scores are calculated in the same way as the adjusted individual total score (above); however, each sub-scale score is calculated separately based on the number of items in the sub-scale rather than the entire assessment. Note: Due to unequal numbers of items in each sub-scale, the individual total score may not be calculated directly from the sub-scale scores.

Mean - National:

The national mean is the average of the adjusted individual 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 individual 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 adjusted individual 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 adjusted individual score.

DISCLAIMER:

Adjusted individual total scores and corresponding percentile ranks are not provided for test takers completing fewer than four sections. 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.