

Individual Performance Profile

Test of Essential Academic Skills V paper-pencil



Individual Name:		Adjusted Individual Total Score: 79.3%
Student Number:		ATI Academic Preparedness Level: Advanced
Institution:	CA State Los Angeles	
Program Type:	BSN	Mean - National: 64.3%
	12/16/2014	Mean - Program: 70.6%
# of Questions:	150	Percentile Rank - National: 87
Attempt:	1 of 1	Percentile Rank - Program: 75
Days since last attempt:	0	

Scores

Sub-Scale	# Items	Adjusted		Percentile Rank		Adjusted Individual Score (% correct)											
		Individual Score	Mean	National	Program	National	Program	1	10	20	30	40	50	60	70	80	90
TEAS Reading	42	81.0%		70.5%	75.1%	77	66										
Paragraph and Passage Comprehension	19	94.7%		70.6%	75.0%												
Informational Source Comprehension	23	78.3%		71.9%	76.8%												
TEAS Mathematics	30	100.0%		69.0%	75.3%	99	99										
Numbers and Operations	19	100.0%		70.3%	75.8%												
Algebraic Applications	4	100.0%		69.0%	78.8%												
Data Interpretation	3	100.0%		65.1%	70.6%												
Measurement	4	100.0%		64.6%	72.5%												
TEAS Science	48	70.8%		53.6%	62.0%	85	72										
Human Body Science	11	72.7%		60.9%	65.7%												
Life Science	15	80.0%		53.4%	63.4%												
Earth and Physical Science	14	71.4%		53.9%	64.6%												
Scientific Reasoning	8	75.0%		65.2%	71.5%												
TEAS English and Language Usage	30	73.3%		63.8%	68.6%	78	68										
Grammar and Word Meanings in Context	15	80.0%		64.8%	69.8%												
Spelling and Punctuation	9	66.7%		60.1%	66.0%												
Structure	6	66.7%		69.5%	73.8%												

Topics To Review

TEAS Reading (42 items)

Paragraph and Passage Comprehension (19 items)

Analyze the use of topic and summary sentences. (TEAS V Study Manual Page 11)

Informational Source Comprehension (23 items)

Identify appropriate information from a graphic. (TEAS V Study Manual Page 39 and 40)

Identify information from a printed communication. (TEAS V Study Manual Page 29 and 30)

Identify information from a sample listing of items and costs. (TEAS V Study Manual Page 37 and 38)

Identify the correct definition of a word. (TEAS V Study Manual Page 28)

Use the legend and key of a sample map. (TEAS V Study Manual Page 43 and 44, HOBET V Study Manual Page 43 and 44)

TEAS Science (48 items)

Human Body Science (11 items)

Describe the functions of the nervous system. (TEAS V Study Manual Page 128)

Describe the functions of the nervous system. (TEAS V Study Manual Page 128)

Describe the general anatomy and physiology of a human. (TEAS V Study Manual Page 119 to 124)

Life Science (15 items)

Compare and contrast chromosomes, genes, proteins, RNA, and DNA. (TEAS V Study Manual Page 143)

Describe the differences between phenotypes and genotypes. (TEAS V Study Manual Page 151)

Describe the structures and functions of nucleic acids. (TEAS V Study Manual Page 137 and 138)

Earth and Physical Science (14 items)

Distinguish among kinetic energy, potential energy, and other energy contained by a field. (TEAS V Study Manual Page 155)

Recognize that enzymes are protein molecules. (TEAS V Study Manual Page 162)

State the chemical properties of water. (TEAS V Study Manual Page 171)

Use pH scale to identify acid and base solutions. (TEAS V Study Manual Page 163 and 164)

Scientific Reasoning (8 items)

Recognize and analyze alternative explanations and models. (TEAS V Study Manual Page 117)

Use technology and mathematics to improve investigations and communications. (TEAS V Study Manual Page 116)

TEAS English and Language Usage (30 items)

Grammar and Word Meanings in Context (15 items)

Use dialogue correctly. (TEAS V Study Manual Page 182 and 183)

Use first, second, and third person narrative voice. (TEAS V Study Manual Page 184 and 185)

Use grammar for a stylistic effect and to enhance clarity. (TEAS V Study Manual Page 186 and 187)

Spelling and Punctuation (9 items)

Apply rules of spelling. (TEAS V Study Manual Page 197 to 201)

Apply the rules of capitalization. (TEAS V Study Manual Page 204 to 206)

Apply the rules of ellipses, commas, semicolons, colons, hyphens, and parentheses. (TEAS V Study Manual Page 207 to 210)

Structure (6 items)

Write simple sentences. (TEAS V Study Manual Page 192 and 193)

Write simple sentences. (TEAS V Study Manual Page 192 and 193)



Score Explanation and Interpretation

Individual Performance Profile

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:

$$\frac{\text{Number of questions answered correctly}}{\text{Total number of questions on the assessment}} =$$

$$\frac{120}{150} = 80.0\% \quad \left(\begin{array}{l} \text{Adjustment} \\ \text{for form} \\ \text{difficulty} \end{array} \right) = \text{Adjusted Individual Total Score}$$

Individual scores can be interpreted through “criterion-referenced” or “norm-referenced” measures. Criterion-referenced measures are best used to determine if an established standard has been met. Norm-referenced measures can be useful for comparing performance to other students.

Sub-Scale Scores:

The subscale scores provided for the four individual content areas are adjusted scores (see above explanation). These scores appear in bold-face font on the score report. Since these are adjusted scores, they **cannot** be directly computed from the raw scores provided for each sub-content area (e.g., paragraph and comprehension, informational source comprehension, numbers and operations, etc.).

Criterion-Referenced ATI Overall Academic Preparedness Categories:

These classifications were developed as the result of a national standard setting study conducted by ATI, involving nurse educators from across the U.S.

Exemplary (Exe) – Exemplary scores generally indicate a very high level of overall academic preparedness necessary to support learning of nursing-related content. Students at this level are not likely to require additional preparation for the objectives assessed on TEAS.

Advanced (Adv) - Advanced scores generally indicate a high level of overall academic preparedness necessary to support learning of nursing-related content. Students at this level are not likely to require additional preparation for the objectives assessed on TEAS.

Proficient (Pro) - Proficient scores generally indicate a moderate level of overall academic preparedness necessary to support learning of nursing-related content. Students at this level may require additional preparation for some objectives assessed on TEAS (see Topics to Review of this score report).

Basic (Bas) - Basic scores generally indicate a low level of overall academic preparedness necessary to support learning of nursing-related content. Students at this level are likely to require additional preparation for many objectives assessed on TEAS (see Topics to Review on this score report).

Developmental (Dev) - Developmental scores generally indicate a very low level of overall academic preparedness necessary to support learning of nursing-related content. Students at this level will require additional preparation for most objectives assessed on TEAS (see Topics to Review on this score report).

Norm-Referenced Measures:

Means and percentile ranks can be useful for comparing performance to other nursing students, both nationally and within the same program type. These means and percentile ranks are initially set on a volunteer norming sample. They are reviewed annually, and may be periodically reset as more students take the assessments.

Mean – National:

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

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 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 were the same as or lower than your individual score.

NA: Data not available

Pretest Items: There are 20 unscored pretest questions throughout the assessment, and 150 scored questions. The pretest questions are used for research purposes.

Topics to Review:

Based on the questions missed on this assessment, a listing of content areas and topics to review is provided. A variety of learning resources may be used in the review process, including select components of ATI's Study Manual for the Test of Essential Academic Skills (TEAS®) Version V, online practice assessments, and ATI's book titled Learning Strategies: Your Guide to Classroom and Test-Taking Success.

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.