

EXAMINEE PERFORMANCE REPORT

Summary of Candidate Performance from May 1, 2020
through July 21, 2023

Rajat Chadha, PhD (Psychometrician for PA-CAT)

Date: September 2023



Additional Information

For questions about the report or to express interest in participating in research studies, reach out to:

Michael Tharp, Manager, Content Department

mtharp@exammaster.com

For information about implementing the PA-CAT at your PA Program, reach out to:

Jim Pearson, CEO

jpearson@exammaster.com

Claudia Biester, Manager, Client Support and Training

PA-CAT Implementation Specialist

cbiester@exammaster.com

Physician Assistant College Admissions Test (PA-CAT): Examinee Performance Report

Physician Assistant College Admissions Test (PA-CAT)

The PA-CAT is a 240-item specialized discipline-specific assessment that is designed to measure knowledge and application in nine prerequisite science subjects necessary for success in the demanding Physician Assistant (PA) curriculum. The PA-CAT has been developed specifically for use by PA educators and their admissions departments as part of a holistic admissions process. As of June 21, 2023, the assessment has been administered to 2,979 examinees since it was first administered on May 1, 2020. One Composite scaled score based on all items comprising the assessment and three subject scaled scores (Anatomy & Physiology, Biology, and Chemistry) are reported for each examinee.

Candidate Performance on the PA-CAT

This report summarizes the performance of candidates in terms of the Composite scaled score from the beginning of administration on May 1, 2020 to June 21, 2023. Descriptive statistics are presented in Table 1 and the distribution of PA-CAT Composite scaled scores is presented in Figure 1.

Table 1: Descriptive Statistics: PA-CAT Composite Scaled Scores (May 1, 2020 – June 21, 2023)

Number of Examinees	2,979
Mean	512.7
Standard Deviation	33.5
Median	512.0
Minimum	200
Maximum	618
Reliability	0.937

The reliability of scores is an indicator of how dependably an assessment measures what it intends to measure. Reliability ranges between 0 and 1, with a higher value indicating a higher likelihood that the examinees with higher scores *do* have higher science aptitude than examinees with lower scores. The reliability of PA-CAT Composite scaled scores is very high (0.937), indicating that the PA-CAT Composite scaled scores are very dependable, and it is highly likely that the examinees with higher scaled scores do have higher knowledge and application skills in the prerequisite science subjects necessary for physician assistant education.

Figure 1: Distribution of PA-CAT Composite Scaled Scores

