

Explanation of Scores

Naglieri Nonverbal Ability Test (3rd Edition) — NNAT3

The NNAT3 is a nonverbal measure of general ability for students in Kindergarten through Grade 12. It has seven levels, with two parallel forms at each level from Level A through D, and one form per level at Levels E through G. Each form has 48 questions. The test levels and their recommended grades are as follows:

Level	Grade	Level	Grade
A	Kindergarten*	E	5-6
B	1	F	7-9
C	2	G	10-12
D	3-4		

* Preschool norms are available for Level A so that it can be given to high-ability children age 4 or older who are not yet in Kindergarten.

NNAT3 score reports provide several types of scores that are useful for different purposes. For general interpretation, the percentile rank and Naglieri Ability Index are most commonly used.

Raw score (RS)	The number of questions the student answered correctly. This does not have interpretive meaning by itself, but it is the basis for all other scores.
Scaled score (SS)	The score on a scale that spans a wide range of abilities across several levels of the test. Each raw score is converted to a scaled score. Scaled scores for Levels A through D range from about 1300 (for a low raw score on Level A) to about 1800 (for a high raw score on Level D). For Levels E through G, scaled scores range from about 450 to about 850. (Note that scaled scores for Levels A - D cannot be compared with those for Levels E - G.) Scaled Scores are useful for comparing performance on different levels, or for studying change in performance.
Percentile rank (PR)	The percentage of students of that age in the norm sample who scored the same as or lower than the student. Percentile ranks range from 1 to 99, and a score at the 50 th percentile is average for that student's age. The percentile rank is converted to scores on three other scales (normalized standard scores) that are better suited to numerical analyses such as averaging or calculating differences.
Naglieri Ability Index (NAI)	NAI scores range from 40 to 160, and the mean (average) NAI at any age in the norm sample is 100. The standard deviation is 16, meaning that about two-thirds of students have NAI scores within 16 points of the mean (i.e., between 84 and 116).
Stanine (S)	Stanines range from 1 to 9, with a mean of 5 and standard deviation of 2. Stanines of 1, 2, and 3 are below average; 4, 5, and 6 are average; and 7, 8, and 9 are above average.
Normal Curve Equivalent (NCE)	NCE scores range from 1 to 99, with a mean of 50 and standard deviation of about 23.

The *mean* is the average. The *median* is the middle score, if all the scores are arranged from low to high.