



To: State Board of Education

From: IDOE

Re: Final approval of new CORE content tests and panel recommended cut scores for Physical Education and Health

Date: October 22, 2014

Background:

On August 6, 2014, the State Board preliminarily approved the new CORE licensure exams and panel-recommended cut scores for the Physical Education and Health content tests. Per 515 IAC 8-2-2 (b), the test blueprints and panel-based passing scores were posted on the DOE website for public comment for 30 days. No public comments were received.

515 IAC 8-2-2 Minimum acceptable scores

Authority: IC 20-28-2-6; IC 20-28-5-12

Affected: IC 4-22-7-7; IC 20-28-5-3

(b) Prior to taking final action to approve examinations and determine minimum acceptable scores, the board shall do the following:

(1) Provide public notice of the proposed action at least thirty (30) days prior to taking final action. The public notice shall include the following:

- (A) A summary of each examination the board proposes to approve.
- (B) The proposed minimum acceptable scores for each examination.
- (C) The time period in which the board will accept public comments.

(2) Accept and consider public comment.

(c) In taking final action to approve the examinations and minimum acceptable score, the board shall establish the date of the approved examinations and minimum acceptable scores that shall be not sooner than six (6) months after the date of the final action.

Action Needed: DOE is requesting final approval of the CORE content assessments for Physical Education and Health and their respective panel-based passing scores (highlighted on attached score data sheet). These tests and scores will be effective on or after May 5, 2015. Analysis of test-taker and pass rate data will be reviewed with the SBOE after the tests have been operational for one year and annually thereafter.

**Indiana CORE Assessments for Educator Licensure
Health and Physical Education
Panel Recommended Passing Scores with SEM Adjustments**

Test Code	Assessment Name	Total Possible Score Points	Standard Error of Measurement (SEM)	Panel-based Passing Score -2.0 SEM	Panel-based Passing Score -1.0 SEM	Panel-based Passing Score	Panel-based Passing Score +1.0 SEM	Panel-based Passing Score +2.0 SEM
066	Health	60	3.53	36	39	43	46	50
067	Physical Education	60	3.50	36	40	43	47	50

INTERPRETIVE NOTES

The notes below are an integral part of the above table.

- **Total Possible Score Points** = the number of scorable multiple-choice items included in the test.

- **Standard Error of Measurement (SEM)** = $\sqrt{\left(\frac{1}{i-c}\right) \sum x^2 (i-c)}$ where i = number of scorable multiple-choice items on the test and c = panel-based passing score.

- **Panel-based Passing Score -2.0 SEM** = sum of medians of panel member item judgments minus two Standard Errors of Measurement (SEM), rounded to the nearest integer.
- **Panel-based Passing Score -1.0 SEM** = sum of medians of panel member item judgments minus one Standard Error of Measurement (SEM), rounded to the nearest integer.
- **Panel-based Passing Score** = sum of medians of panel member item judgments, rounded to the nearest integer.
- **Panel-based Passing Score +1.0 SEM** = sum of medians of panel member item judgments plus one Standard Error of Measurement (SEM), rounded to the nearest integer.
- **Panel-based Passing Score +2.0 SEM** = sum of medians of panel member item judgments plus two Standard Errors of Measurement (SEM), rounded to the nearest integer.