

National Assessment Governing Board

Assessment Development Committee

Report of May 12, 2016

Closed Session 8:30 a.m. to 3:30 p.m.

Assessment Development Committee (ADC) Members: Shannon Garrison (Chair), Cary Sneider (Vice Chair), Frank Fernandes, Carol Jago, Dale Nowlin, Chasidy White

Governing Board Staff: Mary Crovo and Michelle Blair

National Center for Education Statistics (NCES) Staff: Elvira Germino Hausken and Eunice Greer

Other Attendees: AIR: Kim Gattis, Kyle Stickler. ETS: Jay Campbell, Rebecca Moran, Luis Saldivia, Karen Wixson. HumRRO: Hilary Michaels. Pearson: Scott Becker. Joined via teleconference from ETS: Dave Lopez, Brent Sandene, Alexandra Walrath

In accordance with the provisions of exemption (9)(B) of Section 552b(c) of Title 5 U.S.C., the Assessment Development Committee (ADC) met in closed session on May 12, 2016 from 8:30 a.m. to 3:30 p.m. to review secure NAEP test questions in reading, mathematics, civics, U.S. history, and geography. This session included review and discussion of secure NAEP test items that have not yet been publicly released.

Review of NAEP Items

The ADC reviewed secure NAEP test items in the following content areas and grade levels:

- Reading items for grades 4 and 8
- Mathematics items for grades 4 and 8
- Civics, Geography, and U.S. History items for grade 8

During this closed session, the ADC reviewed approximately 700 NAEP items between 8:30 a.m. and 3:30 p.m. ADC members had a number of comments on these items in terms of changes, deletions, and items the Committee felt represented high-quality measures of the targeted content objectives. Throughout the review session, NCES staff and NAEP contractors provided clarification in response to ADC comments and questions. Governing Board staff recorded the detailed ADC comments in each subject area. [Note: See the ADC action on this item review in the Friday, May 13, 2016 report.]

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Governing Board Staff: Mary Crovo

National Center for Education Statistics (NCES) Staff: Elvira Germino Hausken, Eunice Greer, Holly Spurlock

Other Attendees: AIR: Kim Gattis. CCSSO: Scott Norton. CRP: Subin Hona. ETS: Jay Campbell, Rebecca Moran, Karen Wixson. Fulcrum: Scott Ferguson. Hager Sharp: Joanne Lim. HumRRO: Sheila Schultz. Optimal Solutions: Brian Cramer. Pearson: Cathy White. Westat: Chris Averett

ADC Chair Shannon Garrison called the meeting to order at 10:05 a.m. Ms. Garrison reviewed the agenda and asked participants to introduce themselves.

The Committee then passed a motion, under its delegated authority from the Board, on the NAEP items and passages reviewed during the ADC's Thursday, May 12, 2016 closed session.

ACTION: The Assessment Development Committee approves NAEP items in reading and mathematics at grades 4 and 8; and civics, geography, and U.S. history items at grade 8 with changes to be communicated in writing to NCES.

Update on NAEP Topics

- **Technology and Engineering Literacy (TEL) Report Release Activities**

ADC Vice Chair Cary Sneider presented an update on various activities planned for the NAEP Technology and Engineering Literacy (TEL) Report Card release. The release will occur on May 17 in Detroit, Michigan. Governing Board member Tonya Matthews is CEO of the Michigan Science Center, which is hosting the May 17th release events. There will be several panels of experts who will comment on the TEL results including representatives from the research, policy, higher education, media, and business communities. A panel of students will also provide their insights after having taken one of the TEL tasks the previous day. All of the events on May 17 will be webcast live, and this recording will be archived on the Governing Board's website.

Mr. Sneider then described the May 18th TEL event that he will coordinate at Wayne State University. During that event teachers, curriculum experts, policymakers, researchers, and business representatives will meet in four break-out groups to engage in hands-on exploration of TEL data on the NAEP website. Participants will then convene in a plenary session to discuss implications for instruction, policy, and out-of-school learning contexts. The break-out and plenary discussions will be recorded to produce a highlights video of key findings.

- **NAEP Mathematics Framework and the Common Core State Standards**

The ADC reviewed and discussed a meeting summary developed by Governing Board staff about a session at the April 2016 annual meeting of the National Council on Measurement and Education (NCME). The session featured two prominent panelists with differing views on the issue of whether the NAEP Mathematics Framework should be changed to align with the Common Core State Standards in Mathematics.

Michael Cohen of Achieve and Chester Finn of the Fordham Institute engaged in the debate, which was introduced by the Board's Executive Director Bill Bushaw and moderated by Board Chair Terry Mazany. Following remarks by Mr. Finn and Mr. Cohen, there was an extended question and answer session with the audience. In addition, Mr. Cohen recently provided a paper on the alignment between NAEP's Math Framework and mathematics standards adopted by nine states.

The ADC engaged in a discussion of the Mathematics Framework topic, noting that there were many important and challenging issues raised in the NCME session. Members reiterated that mathematics is a priority for NAEP. The Committee expressed interest in learning more about studies being planned by the NAEP Validity Studies Panel related to the NAEP Math Framework and state math standards. ADC members felt that these studies will help inform the Board's decision regarding the NAEP Math Framework.

ADC members concluded that the Board should not make a decision to change the NAEP Math Framework based solely on the Common Core State Math Standards. The Committee also discussed how the issue differs at grade 4 since the curriculum in that grade is so integrated. For example, collecting data and developing and interpreting graphs are important skills taught in science and social studies instructional units. These data and statistics topics are also taught as part of English/language arts when students read informational texts that contain data displays of various types. Studies that compare only state math standards to NAEP at grade 4 do not present the full instructional picture at this grade level.

ADC members noted that while the Achieve study of nine states was interesting, a detailed study is needed comparing all state mathematics standards to NAEP's Math Framework. State science standards should also be examined, with a focus on the data and statistics area. The Committee discussed the concept of "dynamic frameworks," which has been raised by COSDAM Chair Andrew Ho. Having dynamic frameworks may allow for more frequent updates to NAEP frameworks while maintaining trend. The ADC looks forward to further updates and discussion of this mathematics topic at their August 2016 meeting.

- **NAEP Item Review Schedule**

Mary Crovo provided an update on the NAEP item review schedule provided in the Board materials, which covers a period from January to August 2016. There are numerous cognitive and contextual items in various subjects and grades scheduled for ADC review this summer. The ADC will be engaged in teleconference and in-person reviews in the next several months.

Closed Session: 10:45 a.m. - 12:10 p.m.

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In accordance with the provisions of exemption (9)(B) of Section 552b(c) of Title 5 U.S.C., the Assessment Development Committee (ADC) met in closed session on May 13, 2016 from 10:45 a.m. to 12:10 p.m. to review secure NAEP reading passages. This session included review and discussion of secure NAEP reading passages that have not yet been publicly released.

Review of NAEP Reading Passages for Grade 12

The ADC met in closed session to review secure NAEP 12th grade reading passages for pilot testing in 2019.

Open Session: 12:10 -12:15 p.m.

Open Session Action: The Assessment Development Committee approves the NAEP reading passages at grade 12 with changes to be communicated in writing to NCES.

I certify the accuracy of these minutes.


Shannon Garrison, Chair

June 3, 2016

Date