

ESSENTIAL SKILLS ACHIEVEMENT STANDARD ON SMARTER BALANCED ASSESSMENT

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AGENDA

- Background**
- Comparable assessment options**
- Roles**
- Preparation and process for developing recommendations**
- Recommendations: Essential Skills achievement standard on Smarter Balanced Assessments comparable to OAKS “Meets”**
 - Reading achievement standard
 - Writing achievement standard
 - Mathematics achievement standard
- Longer Term Planning**

BACKGROUND

ESSENTIAL SKILLS GRADUATION REQUIREMENT

- Graduation requirements applied to all regular or modified diplomas
- Based on grade 9 year (cohort)
 - 2008-2009 Cohort: Reading
 - 2009-2010 Cohort: Reading, Writing
 - 2010-2011 Cohort: Reading, Writing, Mathematics

ESSENTIAL SKILLS

	08- 09	09- 10	10- 11	11- 12	12- 13	13- 14	14- 15	
2	3	4	5	6	7	8	9	Reading, Writing, Mathematics
3	4	5	6	7	8	9	10	Reading, Writing, Mathematics
4	5	6	7	8	9	10	11	Reading, Writing, Mathematics
5	6	7	8	9	10	11	12	Reading, Writing, Mathematics
6	7	8	9	10	11	12		Reading, Writing, Mathematics
7	8	9	10	11	12			Reading, Writing
8	9	10	11	12				Reading

COMPARABLE ASSESSMENT OPTIONS

THREE PRIMARY ASSESSMENT CATEGORIES

Statewide
assessment

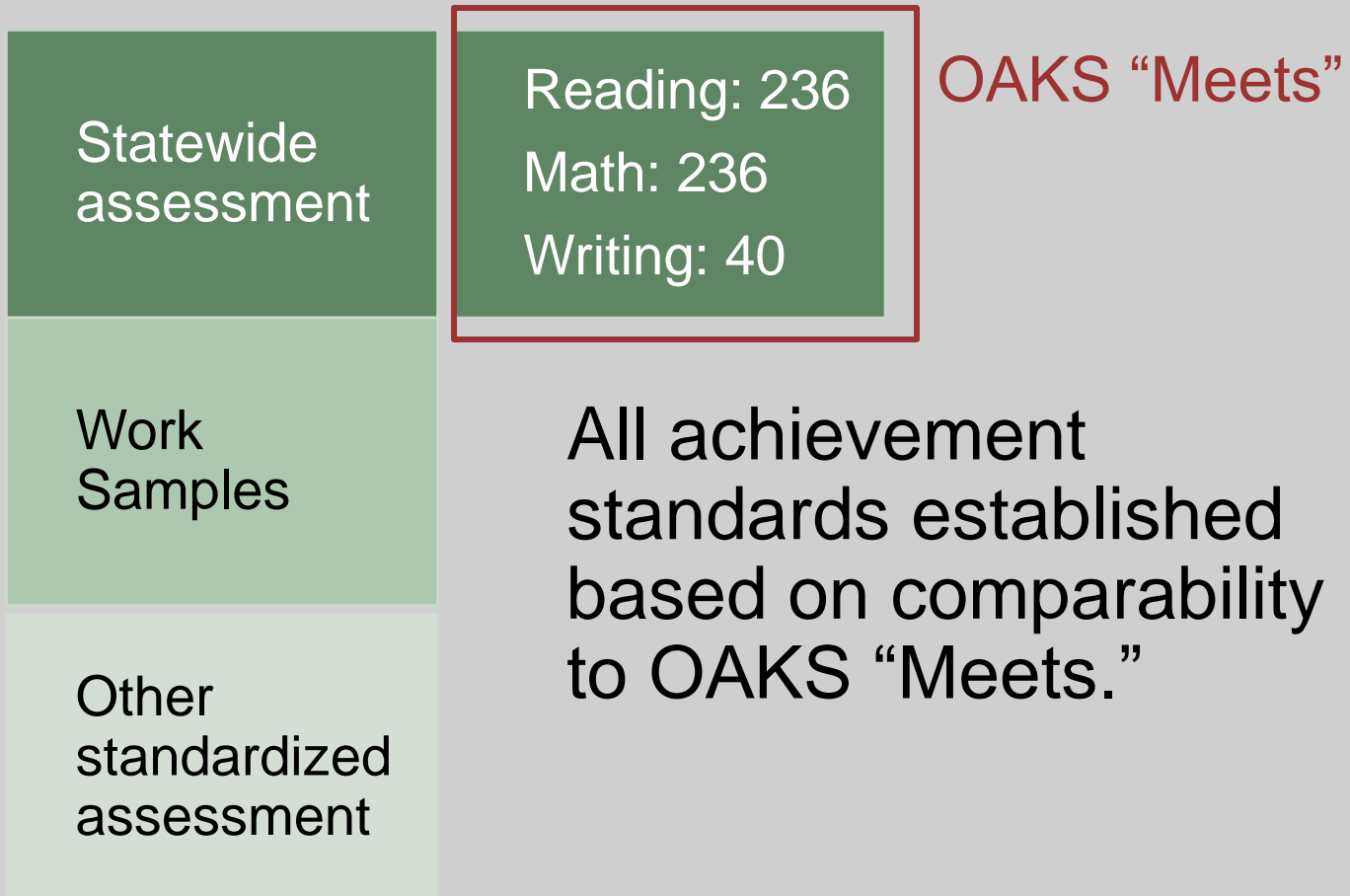
Work
Samples

Other
standardized
assessment

% OF STUDENTS USING ASSESSMENT CATEGORIES

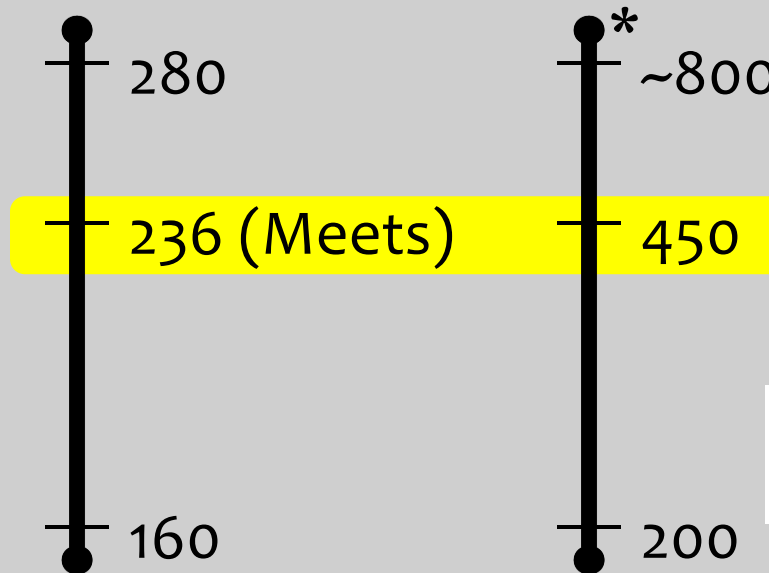
Statewide assessment	Reading: 87 Writing: 65 Math: 79
Work Samples	Reading: 6 Writing: 28 Math: 14
Other	Reading: 7 Writing: 7 Math: 8

COMPARABLE ACHIEVEMENT STANDARDS



COMPARABLE ACHIEVEMENT STANDARDS

Assessment of Essential Skills Review Panel (AESRP) has been responsible for finding the achievement standard on other assessments that are comparable to OAKS “Meets”



* Mock Math Scale

APPROVED ASSESSMENTS

Other Standardized Assessment

ACT or Plan

WorkKeys

Compass

Asset

SAT

PSAT

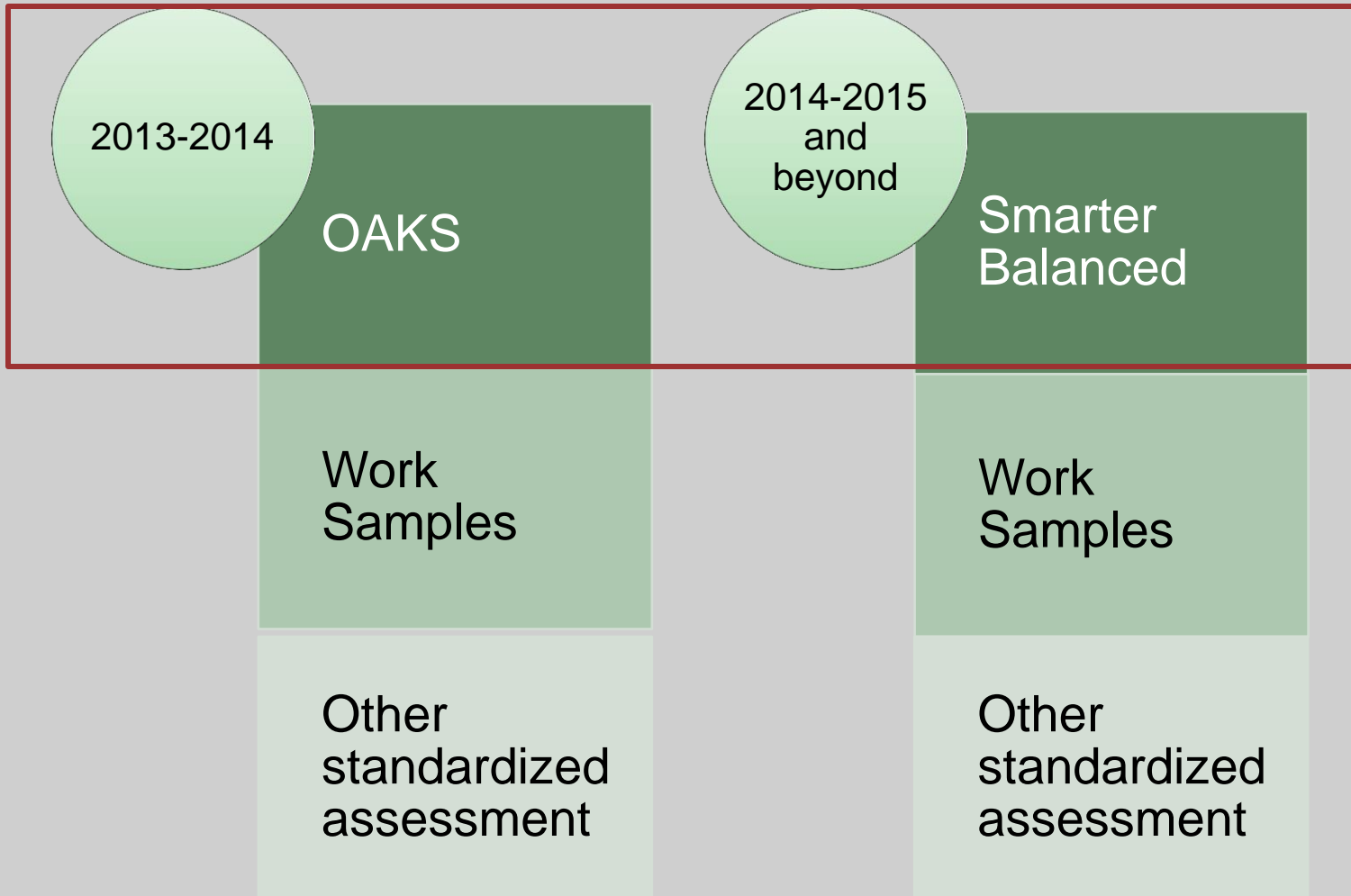
AP/IB

SAT Writing

Accuplacer

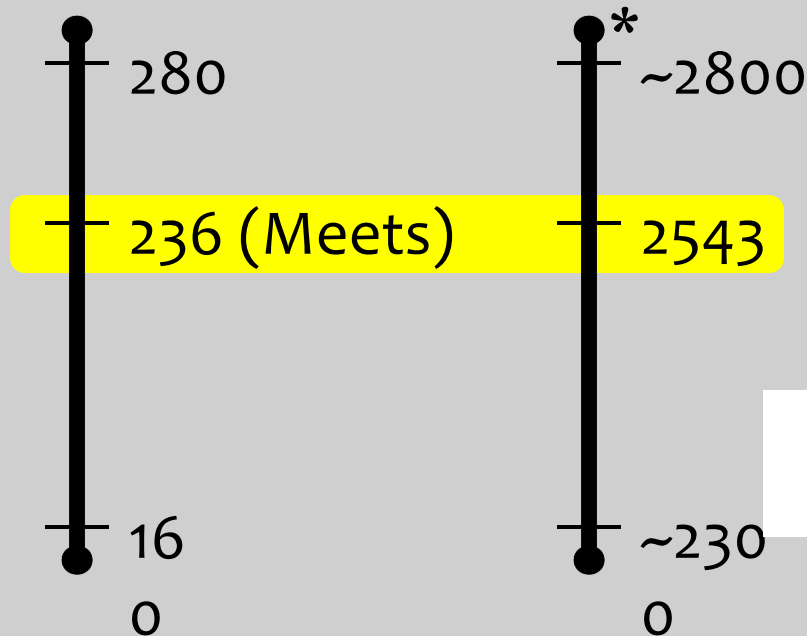
AESRP recommended each achievement standard to the State Board of Education based on comparability to OAKS “Meets”

TRANSITION IN STATEWIDE ASSESSMENT



COMPARABLE ACHIEVEMENT STANDARDS

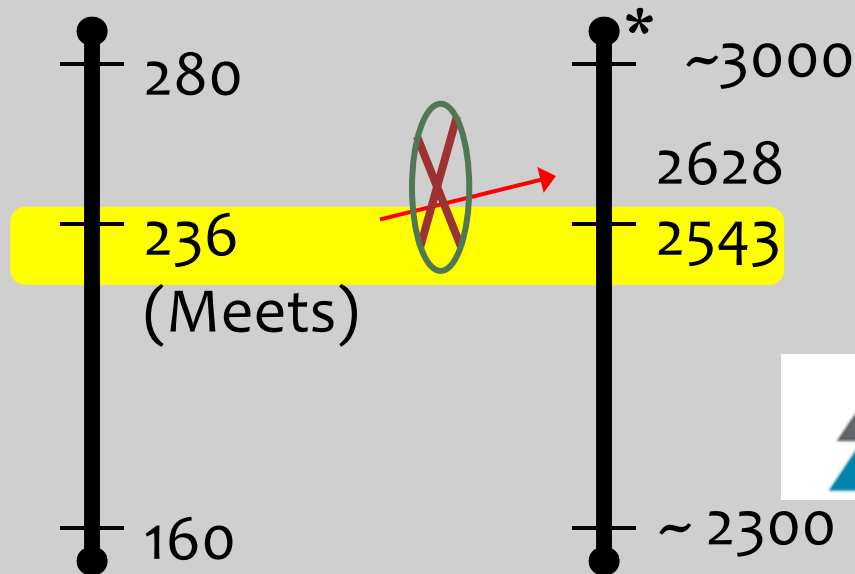
AESRP is responsible for finding the achievement standard on Smarter Balanced that is comparable to OAKS “Meets”



* Mock Math Scale

BY MARCH 1ST, 8TH GRADE

Students cannot be held to a higher achievement standard than the one in place as of March 1 of the students' 8th grade year.



* Mock Math Scale

ROLES

ASSESSMENT OF ESSENTIAL SKILLS REVIEW PANEL (AESRP)

- Responsible for recommending to the State Board of Education the achievement standard on each assessment used for demonstrating proficiency in the Essential Skills
- Across assessment options, AESRP is expected to recommend achievement standards on assessments that represent comparable levels of rigor.

ROLES

Role	Engagement
AESRP	Reviews available analyses and recommends achievement standards on Smarter Balanced comparable to OAKS “Meets.”
Public	Recommendation posted, public comment period during State Board of Education meeting (09/17).
State Board of Education	Reviews AESRP’s recommendation and public comment and adopts Essential Skills achievement standards on Smarter Balanced for the purpose of conferring a high school diploma.

PREPARATION AND PROCESS FOR DEVELOPING RECOMMENDATION

EDUCATOR ENGAGEMENT

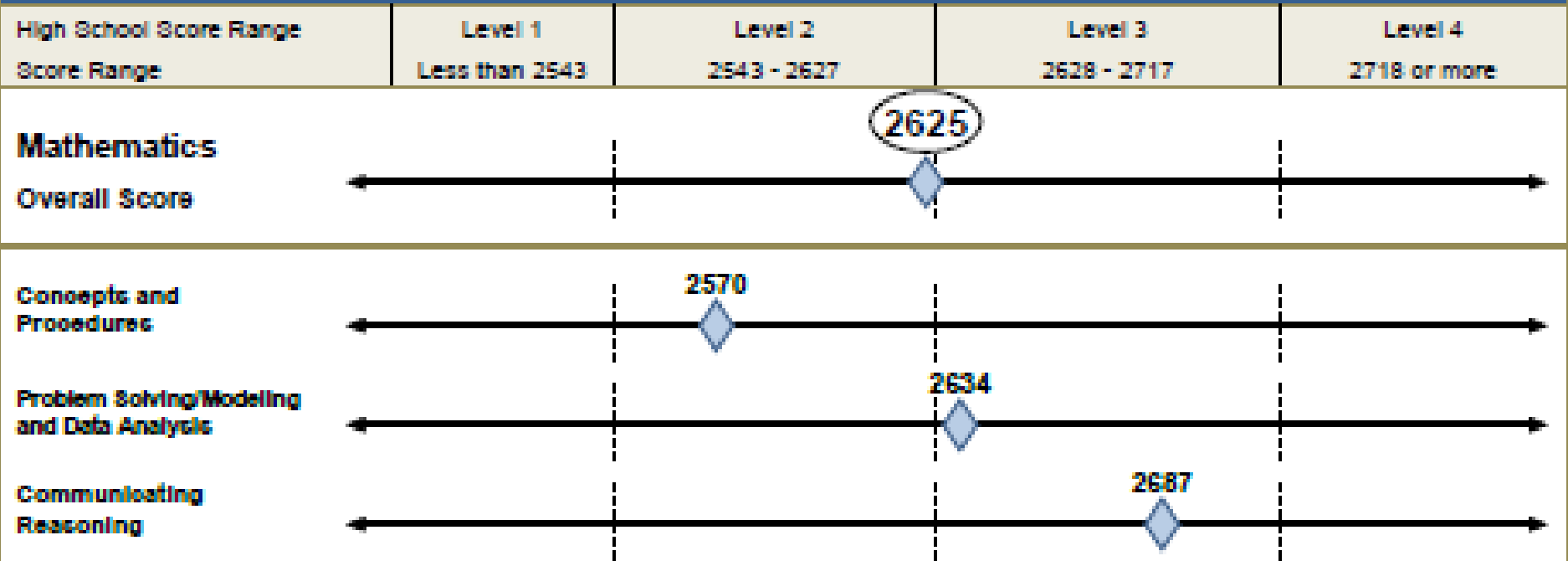
Activity	Timeline
Smarter Balanced Road Show	Spring 2015
Summer Assessment Institute	2013, 2014, 2015
COSA meetings and Professional Learning Team meetings Other presentations, including ROAC, Common Core Implementation Advisory	2014, 2015

PREPARATION

Activity	Timeline
Informational State Board Presentations	September 2013 August 2014 January 2015 April 2015
Planning Meetings With AESRP	2013-14 (3 meetings) 2014-15 (3 meetings)
AESRP Achievement Standard Subgroup Meetings	July and August 2015
AESRP Meeting to Develop Recommendation	August 27, 2015

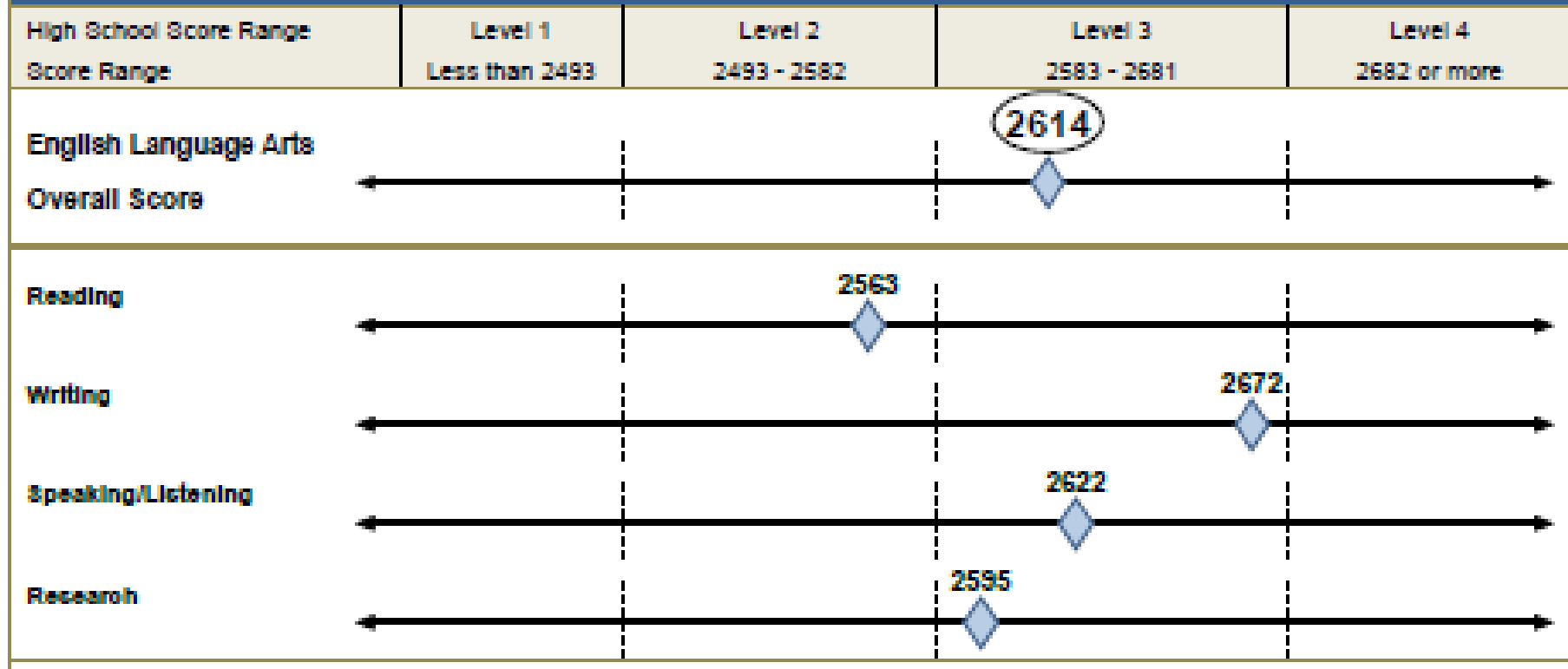
CLAIM SCORES, COMPOSITE SCORES

Your child's scores and achievement levels



CLAIM SCORES, COMPOSITE SCORES

Your child's scores and achievement levels



PRIMARY METHODS USED

Method	Description
OAKS Item Embedding in Smarter Balanced Assessment	Embed Common Core-aligned OAKS items that represented the “meets” score in the operational Smarter Balanced test; student performance on these items provides additional evidence about the comparability of the two scales.
Equi-Percentile: OAKS and Smarter Balanced Assessment	Identify the percentage of students who earned at or above a “meets” score on the OAKS (2013-14) and identified the Smarter Balanced score at which the same percentage of students passed the respective Smarter Balanced assessment (2014-15).

AESRP DEVELOPMENT OF RECOMMENDATION

Structured process to evaluate a variety of sources of evidence generated from different methods of analysis.

1. Explored the relative merits of each method; Equi-Percentile and Item Embedding were the methods panelists found most compelling.
2. Table and whole group discussion focused on how to blend information from the various methods together in light of impact data.
3. Through consensus building, panel identified Reading, Writing, and Mathematics achievement standards to recommend.

ENDORSEMENT

AESRP developed a *Statement of Endorsement* regarding their confidence in the process.

In summary:

- AESRP was guided by principle of comparability.
- The process included examination of various methods of scale linking and the strengths and limitations of each, consideration of impact data, and rich discussion.
- AESRP is confident that the recommended achievement level on Smarter Balanced is comparable to OAKS “Meets.”

AESRP'S STATEMENT OF ENDORSEMENT

We, AESRP, are confident in these recommendations because we started with OAR 581-22-0615 and our guiding principle, “The level of performance on Smarter Balanced for the Essential Skills requirement should be comparable to 236 for OAKS Reading and OAKS Math and 40 for OAKS Writing.”

We went through a structured process to examine various methods of scale linking; by examining the strengths and limitations of each method and the impact of each score on student groups, we were able to incorporate data from different methods into our final recommendation. For each Essential Skill we had a rich discussion and considered many different points of view. In summary, we believe our recommendations maintain a comparable level of achievement with OAKS "meets" expectations.

ELIGIBILITY



ELIGIBLE STUDENTS

	12- 13	13- 14	14- 15	15- 16	16- 17	17- 18	18- 19	
3	4	5	6	7	8	9	10	Reading, Writing, Mathematics
4	5	6	7	8	9	10	11	Reading, Writing, Mathematics
5	6	7	8	9	10	11	12	Reading, Writing, Mathematics
6	7	8	9	10	11	12		Reading, Writing, Mathematics
7	8	9	10	11	12			Reading, Writing, Mathematics
8	9	10	11	12				Reading, Writing, Mathematics

ELIGIBLE EVIDENCE

Students will be able to use Essential Skills evidence collected prior to the transition to Smarter Balanced.

Including, but not limited to, OAKS test results that have been “banked” and Smarter Balanced test results from 2014-15.

MATHEMATICS RECOMMENDATION

COMPARABLE MATHEMATICS ACHIEVEMENT STANDARD

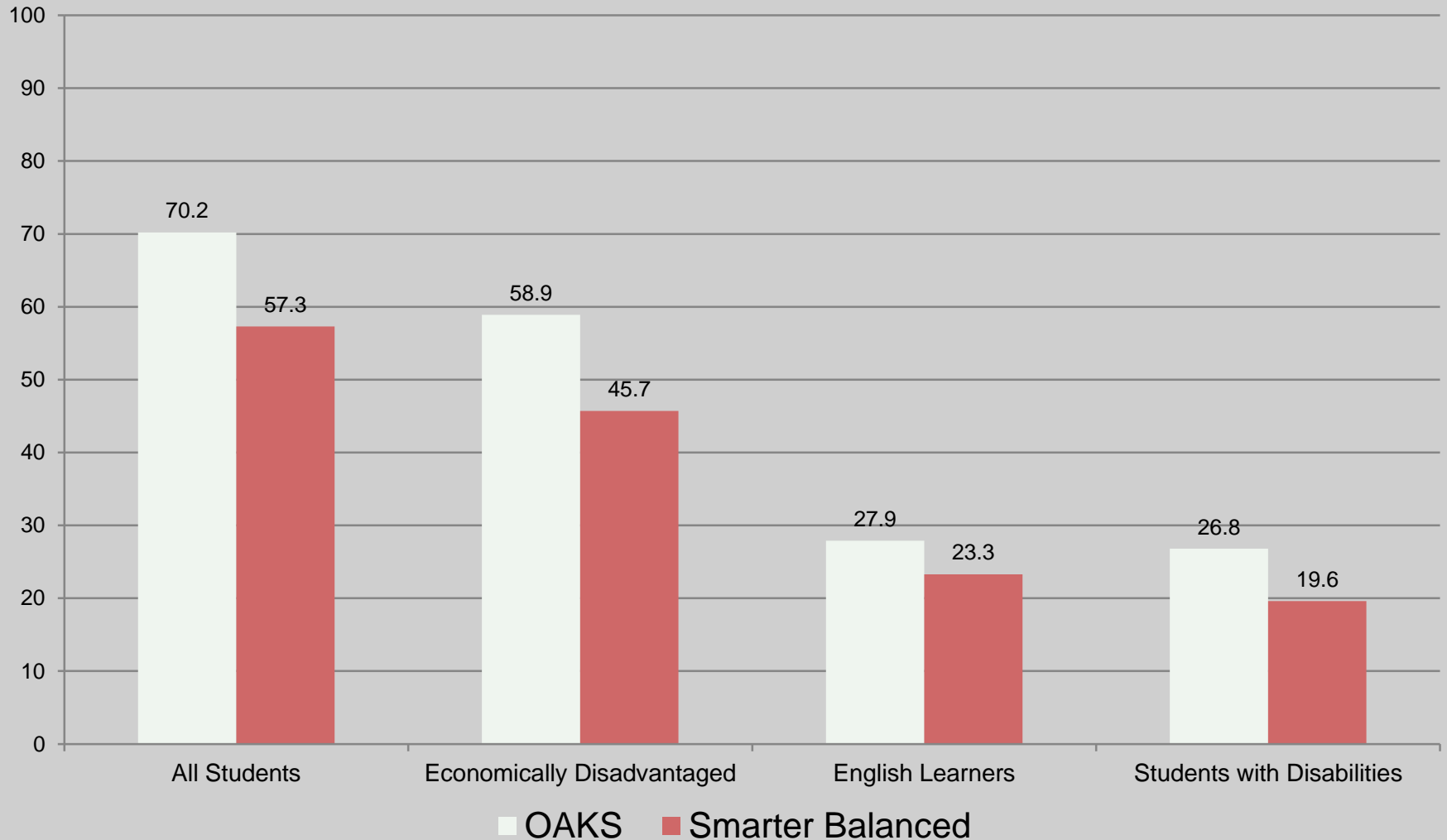
AESRP identified

**2543 on the Smarter Balanced
Mathematics high school
assessment**

as the achievement standard comparable
to 236 on OAKS Mathematics.

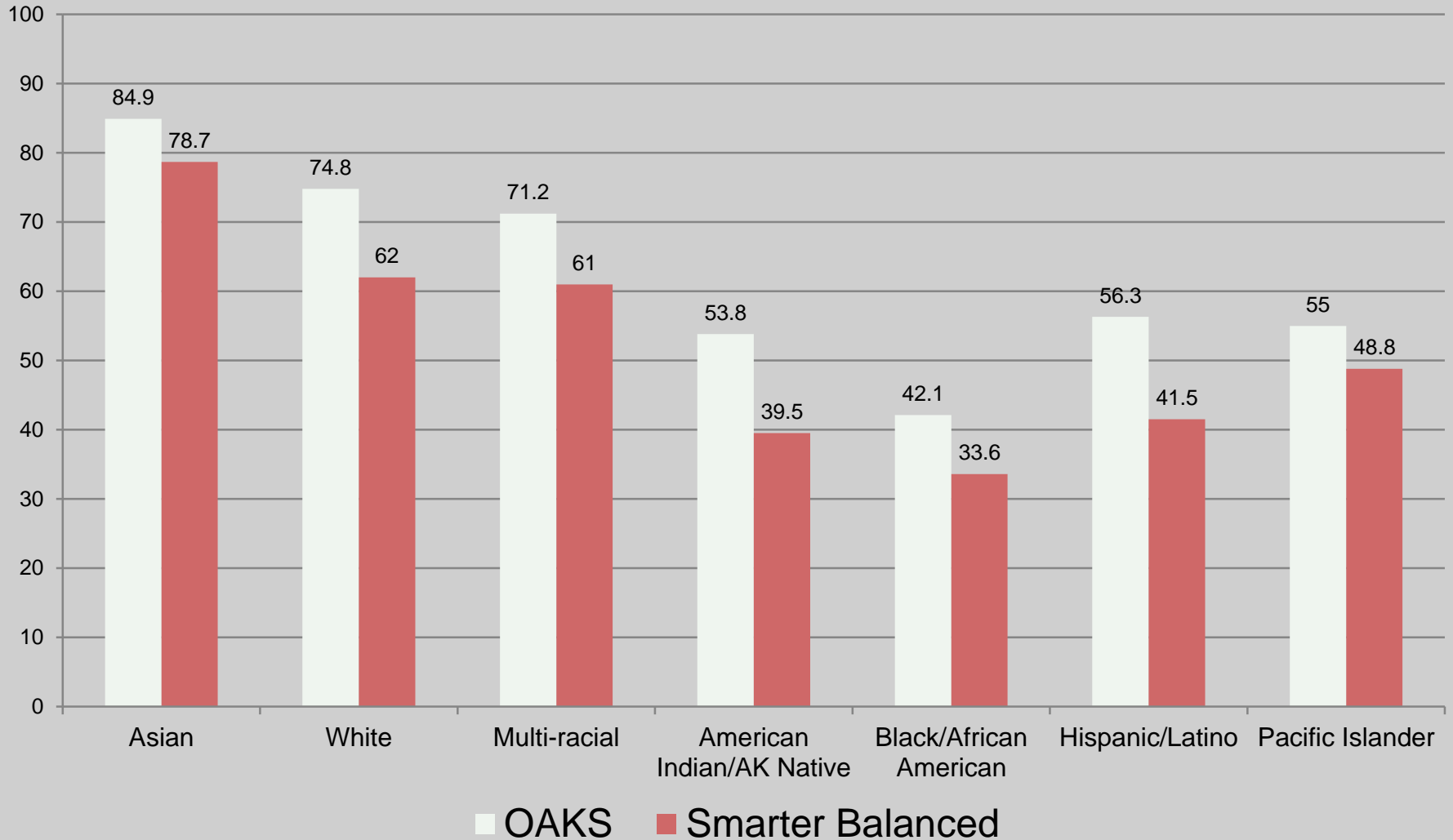
% STUDENT REACHING ACHIEVEMENT STANDARD

Mathematics Impact Data



% STUDENT REACHING ACHIEVEMENT STANDARD

Mathematics Impact Data



MATHEMATICS RECOMMENDATION

AESRP recommends that the State Board of Education adopt 2543 on the Smarter Balanced Mathematics high school assessment as the achievement standard for the purpose of demonstrating proficiency on the Essential Skill of Mathematics.

READING RECOMMENDATION

COMPARABLE READING ACHIEVEMENT STANDARD

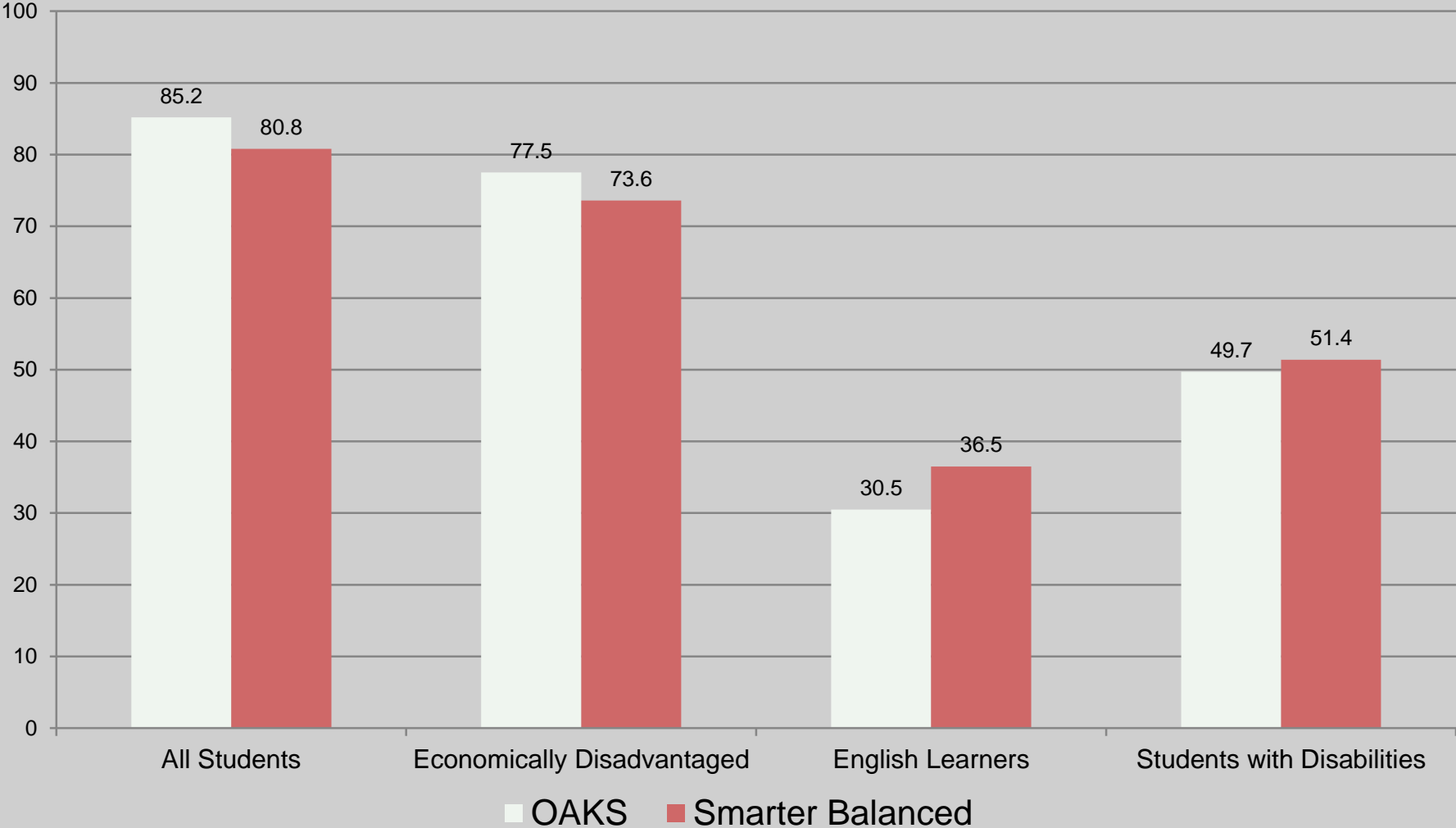
AESRP identified

**2515 on the reading claim of the
Smarter Balanced English
Language Arts high school
assessment**

as the achievement standard comparable
to 236 on OAKS Reading.

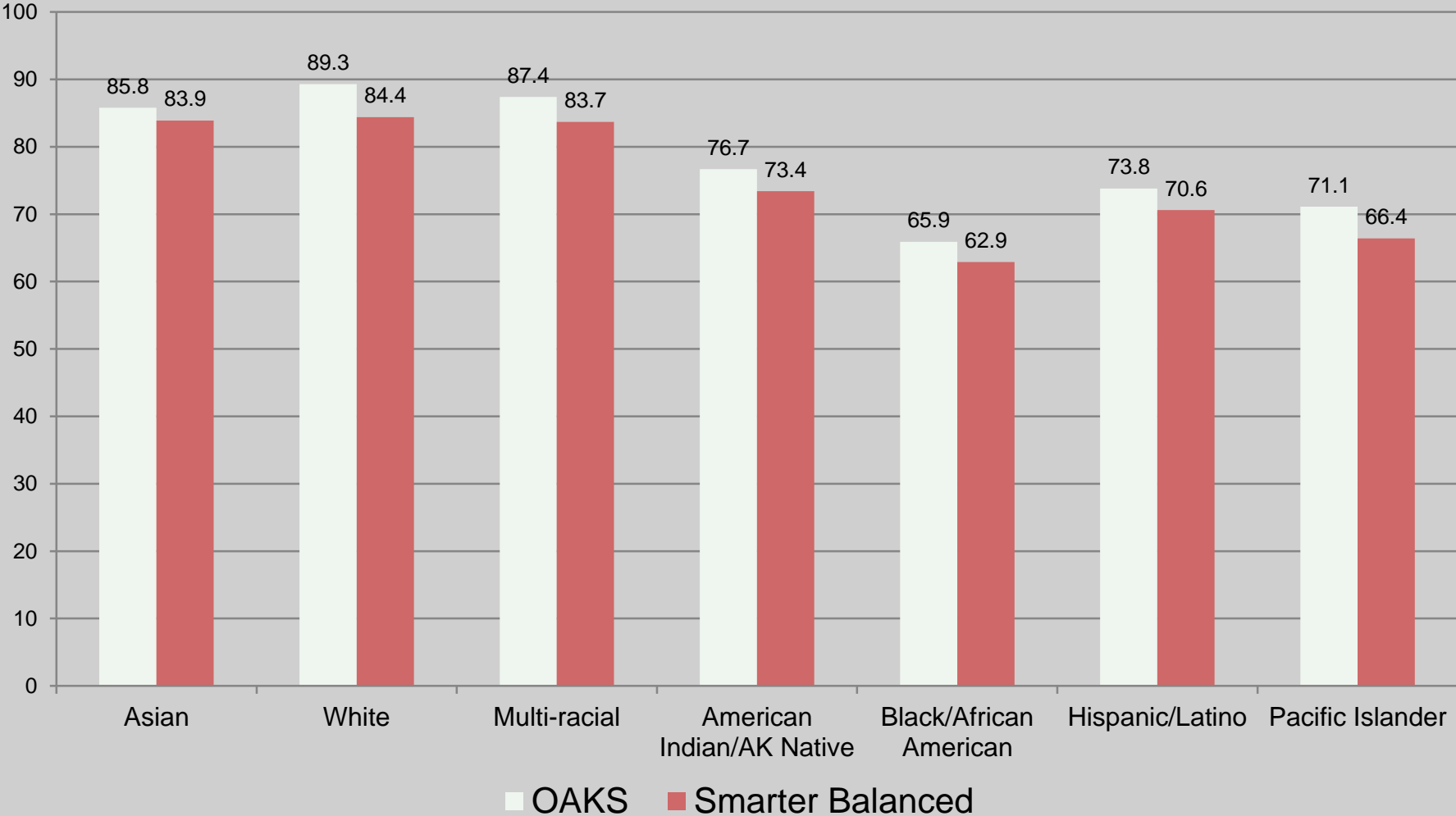
% STUDENT REACHING ACHIEVEMENT STANDARD

Reading Impact Data



% STUDENT REACHING ACHIEVEMENT STANDARD

Reading Impact Data



READING RECOMMENDATION

AESRP recommends that the State Board of Education adopt 2515 on the Reading claim of the Smarter Balanced English Language Arts high school assessment as the achievement standard for the purpose of demonstrating proficiency on the Essential Skill of Reading.

WRITING RECOMMENDATION

COMPARABLE WRITING ACHIEVEMENT STANDARD

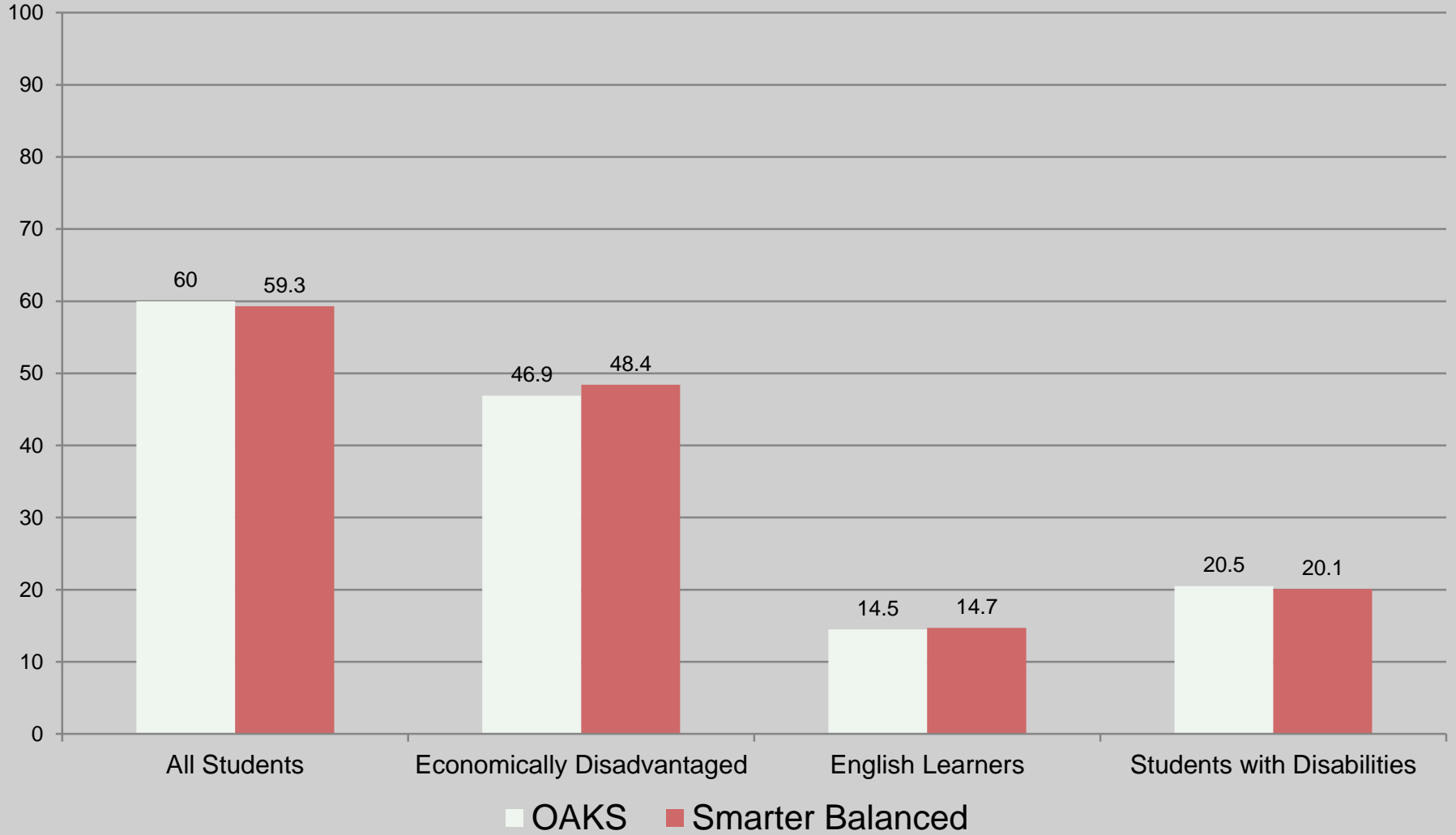
AESRP identified

**2610 on the writing claim of the
Smarter Balanced English
Language Arts high school
assessment**

as the achievement standard comparable
to 40 on OAKS Writing.

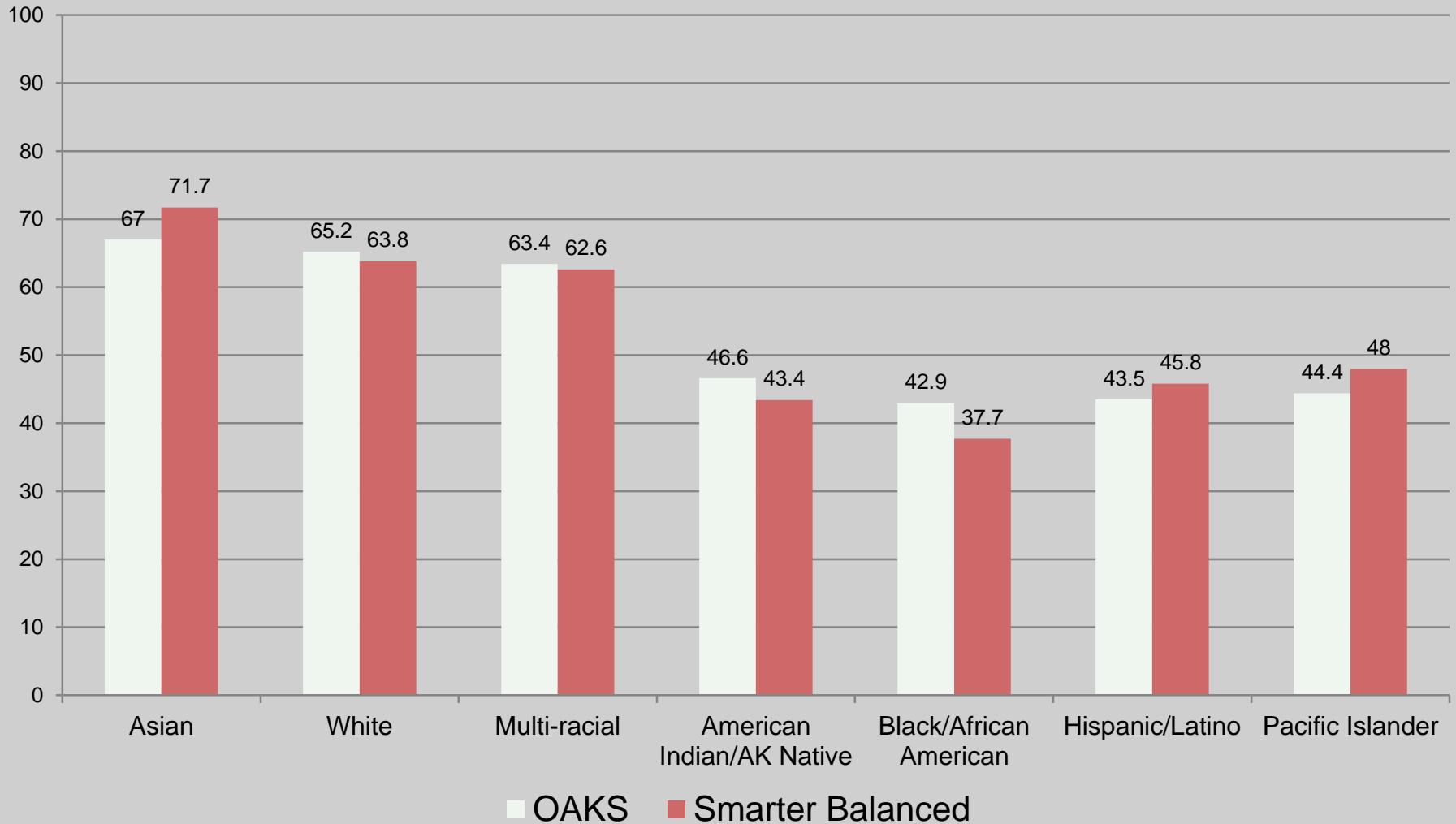
% STUDENT REACHING ACHIEVEMENT STANDARD

Writing Impact Data



% STUDENT REACHING ACHIEVEMENT STANDARD

Writing Impact Data



WRITING RECOMMENDATION

AESRP recommends that the State Board of Education adopt 2610 on the Writing claim of the Smarter Balanced English Language Arts high school assessment as the achievement standard for the purpose of demonstrating proficiency on the Essential Skill of Writing.

LONGER TERM PLANNING

FUTURE CONSIDERATIONS

AESRP developed recommendations for actions after adoption of achievement standards.

In summary:

- AERSRP recommends that ODE evaluate the impact of the achievement standards each year.
- ODE should present the results of this evaluation to AERSRP and the State Board of Education.

FUTURE CONSIDERATIONS

To validate the recommended achievement standards, AESRP recommends the Oregon Department of Education conduct additional analyses each year following the release of Smarter Balanced results and present the results of these analyses to AESRP and the State Board of Education.

FUTURE CONSIDERATIONS

What kind of information or evidence should ODE staff present to the State Board of Education to inform future considerations?

CONTACT INFORMATION

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