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Action

Educator Preparation Committee

Review of the Passing Score Standards for the California Subject Examinations for Teachers in Art, Multiple Subjects and Music (CSET: Art, CSET: MS Subtest III and CSET: Music)

Executive Summary: This agenda item describes the process used to review the existing minimum passing standards for CSET: Art, CSET: MS Subtest III and CSET: Music and presents updated minimum passing score standards for potential adoption by the Commission.

Recommended Action: That the Commission adopt one of the proposed minimum passing score standards for each of the examinations.

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Review of the Passing Score Standards for the California Subject Examinations for Teachers in Art, Multiple Subjects and Music (CSET: Art, CSET: MS Subtest III and CSET: Music)

Introduction

This agenda item describes the standard setting review workshop for the California Subject Examinations for Teachers (CSET) in Art, Multiple Subjects and Music (CSET: Art, CSET: MS Subtest III and CSET: Music) and provides recommended updated passing standards for each examination based on the recommendations from the CSET Standard Setting Panels.

Background

Education Code (EC) section 44281 requires the Commission to “administer subject matter examinations....to assure minimum levels of subject matter knowledge by certified personnel.” The Commission’s CSET examinations serve this statutory purpose. The CSET examinations are required to be aligned with the state-adopted content standards for students. As these content standards change over time, the corresponding CSET examinations are updated to remain in alignment with the most current sets of California TK-12 content standards.

In addition, EC section 44288 specifies the use of subject matter advisory panels to “advise in the selection, administration, and interpretation of examinations.” The subject matter advisory panels “shall consist of recognized leaders in the subject matter fields to be examined and shall be composed primarily of full-time public school classroom teachers and full-time college or university classroom teachers.” Consistent with statutory requirements, standard Commission practice has always been to use advisory panels of California content experts to advise the Commission in the development of the Commission’s subject matter examinations, the CSET.

In January 2019 the State Board of Education adopted new California Arts Standards for Public Schools. In response, Commission staff began working with the examinations contractor, the Evaluation Systems group of Pearson, and panels of California educators to develop Subject Matter Requirements (SMRs) and CSET examinations to measure those SMRs for Art, Multiple Subjects, and Music. The Commission adopted the SMRs for Art, Multiple Subjects, and Music at its [April 2021](#) meeting.

Updating the CSET examinations requires a two-stage process: first, the revision of the Commission-adopted Subject Matter Requirements (SMRs) that identify the content eligible to be assessed on the examination, and then, following Commission adoption of revised SMRs, the revision, redevelopment, and/or new development of test items that validly and reliably assess candidate levels of knowledge specific to the content area of the credential. In separate work, Commission-approved subject matter preparation programs must also update their coursework and assessments to align with the revised SMRs and must respond to the Commission documenting the transition to implementing the revised SMRs. The entire examination revision and transition process typically takes a minimum of two years to complete.

The Process for Developing CSET Examinations

Development of a new CSET examination is a multi-stage process that follows testing industry-standard practices and conforms to the Standards for Educational and Psychological Testing (American Educational Research Association, American Psychological Association, and the National Council on Measurement in Education, 2014), commonly known as the “Joint Standards.” Adhering to these national testing standards assures that, consistent with statute, the Commission’s examinations are and remain valid and reliable for all examinees. Applicable teacher licensure standards within the full set of Joint Standards align with the foundational and operational portions of the Joint Standards (Part I and Part II) as well as the application standards (Part III) for both credentialing assessments (Chapter 11) and educational assessments (Chapter 12).

The test development process for a CSET examination includes all of the following sequential sets of activities:

- 1) Recruitment and appointment by the Commission’s Executive Director of Subject Matter Advisory Panels of California content experts, in accordance with the provisions of Education Code section 44288.
- 2) Development and review of draft SMRs.
- 3) Bias review of the draft SMRs by the Commission’s standing Bias Review Committee.
- 4) Content reviews of the draft SMRs by the Subject Matter Advisory Panels.
- 5) Review of the draft SMRs by the Commission and direction to proceed to content validation of the draft SMRs.
- 6) Content validation of the draft SMRs.
- 7) Review and approval of the draft SMRs by the Commission.
- 8) Development of new test items for the item bank for each examination.
- 9) Bias review of new test items.
- 10) Content review by the Subject Matter Advisory Panels of the revised and new test items.
- 11) Revisions of test items, as needed.
- 12) Field testing of new test items.
- 13) Review of item level field test data to eliminate questions that are not viable.
- 14) Development of Test Guides available to candidates on the Examinations website.
- 15) Initial test administration.
- 16) Scoring of initial test administration.
- 17) Identification of marker scoring papers, if needed.
- 18) Standard Setting to establish the passing standard.
- 19) Adoption of a passing score standard by the Commission.
- 20) Ongoing implementation of the new CSET examination(s).

All the steps in this process were completed for CSET: Art, CSET: MS Subtest III and CSET: Music. These examinations became operational in November 2022.

CSET: Art, CSET: MS Subtest III and CSET: Music Test Structures

Table 1 CSET: Art Test Structure

Subtest	Domain	Number of Multiple-Choice Questions	Number of Focused Constructed-Response Questions	Number of Extended Constructed-Response Questions
I	Creating	20		
I	Presenting	20		
Subtest I Total	Creating and Presenting Domains	40	2 focused (drawing)	1 extended (250–350 words)
II	Responding	20		
II	Connecting	20		
Subtest II Total	Responding and Connecting Domains	40	0	2 extended (250–350 words)

Table 2 CSET: Multiple Subjects Test Structure

Subtest	Domains	Number of Multiple-Choice Questions	Number of Constructed-Response Questions
I	Reading, Language, and Literature	26	2
	History and Social Science	26	2
	Subtest I Total	52	4
II	Science	26	2
	Mathematics	26	2
	Subtest II Total	52	4
III	Physical Education	13	1
	Human Development	13	1
	Visual and Performing Arts	13	1
	Subtest III Total	39	3

Table 3 CSET: Music Test Structure

Subtest	Domain	Number of Multiple-Choice Questions	Number of Focused Constructed-Response Questions	Number of Extended Constructed-Response Questions
I	Creating	20		
I	Performing	20		
Subtest I Total	Creating and Performing Domains	40	2 focused (drawing)	1 extended (250–350 words)
II	Responding	20		
II	Connecting	20		
Subtest II Total	Responding and Connecting Domains	40	0	2 extended (250–350 words)

The Standard Setting Process

“Standard setting” is the common term used in the large-scale assessment industry to describe the process of determining a minimum passing score, or cut score, for new or revised examinations. The term “standard” as it is used in standard setting refers to a performance standard or minimum level of acceptable performance on an examination.

For criterion-referenced examinations like the CSET, standard setting is a content-focused, structured process in which a panel of content area experts review the content of an examination, and carefully considers the knowledge and skills being measured and relevant data such as question difficulty levels and potential pass rates for various cut scores to make an informed judgment about the minimum level of content knowledge that examinees should demonstrate to “pass” the examination. The standard setting process results in a recommended cut score from the content expert panel to the Commission, which has the authority to establish the minimum passing standard for the CSET examinations.

Standard setting is a common and established process for determining valid and defensible minimum passing scores for standardized examinations. Standard setting allows an authoritative body, in this case the Commission, to make an informed decision when establishing cut scores instead of arbitrarily selecting a minimum passing standard.

There have been many different methods for standard setting published and researched in the field of large-scale assessment over the last 60 years. These standard setting methods are in use today for various types of assessments all over the world. All of the most common standard setting methods for educational assessments involve the informed judgments of “raters,” or content area experts. The specific standard setting process used for the CSET is described more fully below.

Current Minimum Passing Standard for CSET: Art, CSET: MS Subtest III and CSET: Music

The Commission established the preliminary minimum passing standard for CSET: MS Subtest III at its [October 2022 meeting](#). The Commission established the preliminary minimum passing

standards for CSET: Art and CSET: Music at its [December 2022 meeting](#). The current pass rates for the examinations are shown in Table 4 below.

Table 4 – Current Pass Rates for CSET: Art, CSET: MS Subtest III and CSET: Music

Examination	Number of Examinees	Percent Passing
Art Subtest I	270	78%
Art Subtest II	286	82%
Multiple Subjects, Subtest III	8,910	97%
Music Subtest I	49	92%
Music Subtest II	78	91%

The passing rates shown in Table 4 are based on the recommendations of the original standard setting committees using the process described below. The current passing rates by ethnicity for each of these subtests are shown in Table 5 below. Because of the low number of examinees for some of the subtests, data is not available for all ethnicities on all subtests.

Table 5 – Current Pass Rates by Gender, Race and Ethnicity for CSET: Art, CSET: MS Subtest III and CSET: Music

	Art Subtest I	Art Subtest II	Multiple Subjects, Subtest III	Music Subtest I	Music Subtest II
African American or Black	62%	75%	94%	NA	NA
Asian American	80%	75%	97%	NA	NA
Southeast Asian American	NA	NA	97%	NA	NA
Pacific Island American	NA	NA	86%	NA	NA
Latin American / Other Hispanic	62%	72%	95%	80%	88%
Native American	NA	NA	93%	NA	NA
White (non-Hispanic)	89%	91%	97%	96%	93%
Other Race or Ethnicity	58%	76%	92%	NA	NA
Female	77%	68%	97%	91%	90%
Male	78%	68%	96%	91%	90%

*NA indicates that pass rates are not available because there were fewer than ten examinees in the group.

CSET: Art, CSET: MS Subtest III and CSET: Music Standard Setting Studies – September and October 2022

The purpose of standard setting studies is to provide the Commission with recommendations, based on the informed judgments of California educators, relevant to the determination of the initial passing standards (in this case, for CSET: Art, CSET: MS Subtest III and CSET: Music). The educators on the Standard Setting Panel represented credentialed TK-12 teachers with

experience teaching in the appropriate content areas, district-level administrators, and teacher preparation program faculty with experience in the appropriate content areas who are responsible for the preparation of teachers earning these credentials.

As with the standard setting study method used for all other Commission examinations, the process employed for the CSET: Art, CSET: MS Subtest III and CSET: Music examinations was consistent with recognized psychometric principles and procedures. The original standard setting studies for CSET: Art, CSET: MS Subtest III and CSET: Music were conducted between September and October 2022.

The CSET standard setting meetings each began with an orientation and training session. The initial step was to ask the panel members to independently take the examination under simulated test-like conditions. This activity helped the members become familiar with the examination, the knowledge and skills associated with the items, and the perspective of the examinees. The panel members were then familiarized with the SMRs and the concept of the minimally competent level of content knowledge necessary for a beginning teacher. Panel members were asked to conceptualize the specific content knowledge and skills of a hypothetical beginning teacher who would be competent in the subject area. Panel members used this concept of what a minimally competent beginning teacher would know and be able to do in determining their recommended acceptable score for passing each subtest. Although a number of examinees may exceed the level of acceptable knowledge and skills, none receiving a passing score should fall below this minimally competent level. The panel also reviewed the performance characteristics and score scales used to evaluate the constructed-response items in the CSET: Art, CSET: MS Subtest III and CSET: Music examinations. After this extensive training and the simulated test taking, panel members completed the following three rounds of standard setting activities, as described below. These activities focused on arriving at an informed judgment as to what the potential cut score should be that reflects the minimum level of subject matter knowledge necessary for a beginning practitioner just competent to begin professional practice.

Round One: For each multiple-choice item, the panel members were asked to independently rate the percent of minimally competent beginning teachers whom they think would likely answer the item correctly. For each constructed-response item, members were asked to independently indicate the level of response that would likely be achieved by the minimally competent beginning teacher.

Round Two: The Round One ratings, which were displayed anonymously, were distributed, and members discussed the reasoning used in making their determinations. The second round moved the panel from individual item ratings to ratings at the section level (i.e., multiple-choice section and constructed-response section). They were asked the number of multiple-choice items that would be answered correctly and the total score points that would likely be achieved on the constructed-response items by the minimally competent beginning teacher.

Round Three: Panel members were given the results of their Round Two ratings. They were then asked to make final independent recommendations for a passing standard based on the raw score points earned on each section of the test.

Separate ratings for each of the subtests were made during each of the three rounds. The panel's recommendation represents the computed median of the third round results.

The panels' recommendations were brought to the Commission at the Commission's [October](#) and [December 2022](#) meetings and the Commission adopted the panels' recommended cut scores as preliminary minimum passing standards for CSET: Art, CSET: MS Subtest III and CSET: Music. The Commission asked staff to return after a year with new recommendations after more data could be collected.

The CSET: Art, CSET: MS Subtest III and CSET: Music Standard Setting Review Workshops – September and October 2023

Following the Commission's directions at the October and December 2022 Commission meetings, staff worked with our examinations contractor, the Evaluation Systems Group of Pearson, to design and conduct abbreviated versions of the standard setting workshops described above which would serve as a review of the previously recommended minimum passing standards and recommendations for adjustments to those minimum passing standards for CSET: Art, CSET: MS Subtest III and CSET: Music.

For these standard setting review workshops, groups of California educators who are also content experts convened to complete most of the activities described for the standard setting workshops above. The key difference between the more recent standard setting review workshops and the original standard setting workshops were that the review workshops included a combined version of rounds 2 and 3 described above, in which candidates discussed their individual ratings and considered impact data all together before making a final recommendation after the first round. Panelists were also aware of the existing minimum passing standards the entire time. Some of the panelists from the original standard setting workshops also participated in the standard setting review workshops. Demographic information about the panelists who participated in the September and October 2023 standard setting review workshops can be found in [Appendix A](#).

Results of the Standard Setting Studies

The Standard Setting Panels followed the procedures outlined above to determine recommendations for the CSET minimum passing scores. Following the standard setting studies, the Commission's contractor calculated the median panel-recommended passing score based on the individual members' recommendations. Table 6 below provides a summary of the CSET panel recommendations, including the number of scorable items by item type, the total possible score by item type, and the median panel-recommended raw score total.

Table 6: CSET Panel-Recommended Passing Score Standards

Subtest	Item Type	Total Possible Raw Score Points	Original Panel-recommended Cut Score (2022)	Updated Panel-recommended Cut Score (2023)
Art Subtest I	MC	32	23	19
Art Subtest I	CR	20	16	14
Art Subtest II	MC	32	22	20
Art Subtest II	CR	16	12	10
Multiple Subjects, Subtest III	MC	36	22	18
Multiple Subjects, Subtest III	CR	18	11	9
Music Subtest I	MC	32	22	21
Music Subtest I	CR	20	12	13
Music Subtest II	MC	32	22	21
Music Subtest II	CR	16	11	10

Standard Error of Measurement

Once the final panel score recommendation is determined, an additional modification may be made to that score before it is adopted by the Commission. This modification is the determination and potential application of an adjustment that takes into consideration the Standard Error of Measurement (SEM). The SEM is a key measurement concept that addresses how accurately the recommended passing score standard reflects the scores likely to be achieved by actual candidates in real-world testing situations. For example, an examinee takes the test one time and receives a score. If that same examinee were to take the same exam several times, with no change in his or her level of knowledge and preparation, it is possible that some of the resulting scores would be slightly higher or slightly lower than the score initially achieved by the examinee the first time he or she took the examination. Given this variation in possible scores on the same test by the same examinee, the examinee’s initial score might not reflect the best score that examinee would hypothetically be able to achieve based on his or her actual knowledge and ability in the content area.

The range of scores an examinee would achieve across multiple administrations of the same test, were this activity to take place, includes what is known as the examinee’s “true” score (the hypothetical score that would best reflect the examinee’s actual ability) and the “observed score” (the actual score received on the first test administration).

A simple way to look at the concept of the SEM is to consider the case of the examinee who takes a CSET examination one time. Many factors affect how the examinee scores on his or her first attempt on the test, including knowledge of the content tested, affective factors such as the examinee’s emotional, physical, and/or mental state on that particular day and time, and external factors such as the testing environment. Thus, it is not possible to say with certainty that the score obtained on the initial test taken by the examinee most accurately reflects his or her true level of knowledge, skills, and abilities. The likelihood that the examinee’s true score is reflected on his or her first attempt is unknown. Thus, a computed SEM is often applied to

adjust the minimum passing score for an examination in order to account for the difference in the examinee’s true score and the examinee’s observed score on the assessment.

To account for the difference measurement error may create between examinees’ observed scores and true scores the Commission may wish to consider applying a (SEM) adjustment to the panel-recommended minimum passing standard for each of the subtests in each examination.

Table 7 below shows the overall examination-level potential pass rates for the population of individuals by subtest using the most recent panel-recommended passing score standard. The number of individuals who took each examination between August 1, 2022 (the initial administration) and December 17, 2023 (the latest data available for most examinations) is shown in the first column for each exam. The low numbers of administrations for these examinations should be considered when evaluating the impact data.

The full SEM for each subtest, referred to as +/- 1 SEM, falls between 1 and 3 raw score points, depending on the examination and subtest. When the Commission previously established minimum passing standards for CSET: Art, CSET: MS Subtest III and CSET: Music, an adjustment of -2 SEM was made to the minimum passing score standard for Multiple Subjects, Subtest III, and an adjustment of -1.5 was made to the minimum passing score standards for each of the Art and Music subtests. More information about Standard Error of Measurement can be found in [Appendix B](#). Table 5 shows potential subtest-level pass rates based on the latest panel-recommended cut score for each subtest with potential SEM adjustments at -2, -1.5, -1, -0.5, and 0 SEM.

Table 7: CSET Potential Pass Rates with Application of Different SEM Adjustments

Subtest	Number of Examinees 08/01/22 – 12/17/23	Passing at -2 SEM	Passing at -1.5 SEM	Passing at -1 SEM	Passing at -0.5 SEM	Passing at Panel-Recommended Cut Score (0 SEM)
Art Subtest I	270	90%	88%	85%	80%	74%
Art Subtest II	286	91%	88%	83%	76%	67%
Multiple Subjects, Subtest III	8,910	98%	97%	96%	95%	91%
Music Subtest I	49	92%	82%	73%	71%	69%
Music Subtest II	78	92%	87%	87%	78%	69%

The relatively small numbers of examinees who have taken some of the subtests makes it somewhat difficult to generalize the impact data included in Table 6 to any future population of test takers for those examinations. This is particularly true for these exams because the subject

matter requirements measured by these CSETs are still relatively new. As with any new criterion-referenced assessments it is expected that the pass rates will increase over time as the population of potential examinees becomes familiar with the subject matter requirements for these credentials.

Additional information about potential pass rates by gender, race and ethnicity at each of the potential SEM adjustments can be found in [Appendix C](#).

Each of the five subtests, two for Art, one for Multiple Subjects and two for Music, has its own panel-recommended passing score. The Commission can apply the same SEM adjustment to all subtests or a separate SEM adjustment to each of the individual subtests or choose to apply an SEM adjustment to only some of the subtests, or to none of the subtests.

Staff Recommendation

Staff recommends that the Commission adopt the standard setting review panel's recommended minimum passing standard for each of the subtests. Staff also recommends that the Commission apply an SEM adjustment of -1.5 to each of the panel-recommended cut scores.

Next Steps

If the Commission adopts passing score standards for the CSET: Art, CSET: MS Subtest III and CSET: Music examinations, notification will be posted on the CSET website and distributed to the field. In addition, future examinees' scores for candidates who took the assessments will be calculated based on the adopted passing standard and scaled to a range of 100 to 300, with 220 representing the adopted passing standard for each exam. The passing standard adopted by the Commission will be applied to all subsequent administrations of the CSET: Art, CSET: MS Subtest III and CSET: Music examinations.

Appendix A

Demographics of Standard Setting Panels September and October 2023

Art

Total Number of Participants	10
African American or Black	
Asian American	
Filipino	
Southeast Asian American	
Pacific Island American	
Mexican American / Chicano	
Latin American / Other Hispanic	
Native American	
White (non-Hispanic)	3
Other Race or Ethnicity	7
Female	8
Male	2
Nonbinary	
Decline to State Gender	
Public School Educator	7
College/University Educator	3
Other Profession	

Multiple Subject Subtest III

Total Number of Participants	5
African American or Black	
Asian American	
Filipino	
Southeast Asian American	
Pacific Island American	
Mexican American / Chicano	1
Latin American / Other Hispanic	
Native American	
White (non-Hispanic)	
Other Race or Ethnicity	4
Female	5
Male	
Nonbinary	
Decline to State Gender	
Public School Educator	5
College/University Educator	
Other Profession	

Music

Total Number of Participants	7
African American or Black	
Asian American	
Filipino	
Southeast Asian American	
Pacific Island American	
Mexican American / Chicano	
Latin American / Other Hispanic	
Native American	
White (non-Hispanic)	1
Other Race or Ethnicity	6
Female	5
Male	2
Nonbinary	
Decline to State Gender	
Public School Educator	7
College/University Educator	
Other Profession	

Appendix B

Additional Information About Application of Standard Error of Measurement (SEM)

How Does Applying the SEM Work?

Individual examinee scores on the first attempt of an examination could potentially not represent the examinee's true level of knowledge, skills, and abilities. The score could also potentially represent a "false negative" (i.e., the examinee did have sufficient knowledge, skills, and abilities but the actual score did not closely enough represent the examinee's true abilities) or a "false positive" (i.e., the examinee did not actually have sufficient knowledge, skills, and abilities but was able to earn a higher score than otherwise warranted). In the case of false positives, there is no psychometric approach to mitigating this outcome; in other words, the examinee is fortunate in achieving the passing score. However, there is a standard psychometric technique that does address the case of false negatives. This technique is the application of the SEM to the passing score standard established for a particular examination.

For example, on a CSET examination, an examinee earns a raw score that is then converted to a scaled score. For Commission examinations, raw scores are converted to scaled scores as part of the test equating process. Scaled scores for Commission exams are reported as a whole number between 100 and 300, where 220 represents the minimum scaled score needed to pass. This scaling process allows examination scores to be reported and interpreted as simply as possible across administrations and across examinations. The SEM would be applied to the minimum raw score for a particular exam that equates to the Commission's adopted passing scaled score standard of 220. Thus, if the recommended cut score for an exam were to be a raw score of 30, the SEM would be applied to the raw score of 30. If the calculated SEM was minus 2 raw score points, and was applied to the raw cut score of 30, the raw cut score would now be 28. Raw scores for this exam would then be scaled so that the raw cut score (in this case 28) equated to a scaled score of 220, which is the universal minimum passing scaled score for Commission exams. Examinees would need to achieve at least 28 raw score points to pass the examination. If an examinee whose actual knowledge and ability should have allowed him or her to pass was only able to earn 29 raw score points due to factors other than his/her knowledge of the content such as, for example, emotional upset, application of the SEM to the minimum passing standard would allow him or her to receive a passing score, thereby avoiding a false negative.

The SEM can vary depending on the nature of the particular examination and the range of the candidate population for that examination. Typically, multiple choice examinations that have clear right or wrong responses will have less variability in the range of candidate scores – either the candidate knows or does not know the content being assessed. In the case of constructed response and performance items, where candidates construct their own responses which are scored by trained readers, one might expect a larger range of variability in both responses and the background knowledge and abilities of candidates. It might also differ in the case where an examination is new, or the number of examinees is very low. Thus, a SEM could range from -1 to -5 or even higher. Therefore, each SEM is calculated individually for a particular examination and is then consistently applied to the passing score for that examination.

Consideration of an SEM Adjustment

It is possible for an examinee who does possess the knowledge and skills measured by the exam to receive a failing score, also known as a “false negative,” due to measurement error. For example, an examinee takes the test one time and receives a score. If that same examinee were to take the same exam several times, with no change in his or her level of knowledge and preparation, it is possible that some of the resulting scores would be slightly higher or slightly lower than the score initially achieved by the examinee the first time he or she took the examination. Given this variation in possible scores on the same test by the same examinee, the examinee’s initial score might not reflect the best score that examinee would hypothetically be able to achieve based on his or her actual knowledge and ability in the content area. Thus, a computed Standard Error of Measurement (SEM) is typically applied to adjust the minimum passing score for an examination in order to account for the difference in the examinee’s true score and the examinee’s observed score on the assessment.

Appendix C

Potential Pass Rates by Gender, Race, Ethnicity at Various Standard Error of Measurement (SEM) Adjustments

CSET: Art, Subtest I

	Passing at -2 SEM	Passing at -1.5 SEM	Passing at -1 SEM	Passing at -0.5 SEM	Passing at Panel-Recommended Cut Score (0 SEM)
African American or Black	92%	77%	77%	77%	46%
Asian American	100%	90%	90%	80%	80%
Southeast Asian American	NA	NA	NA	NA	NA
Pacific Island American	NA	NA	NA	NA	NA
Latin American / Other Hispanic	95%	93%	84%	68%	57%
Native American	NA	NA	NA	NA	NA
White (non-Hispanic)	100%	100%	99%	92%	87%
Other Race or Ethnicity	100%	95%	84%	63%	53%
Female	98%	96%	91%	81%	73%
Male	96%	96%	94%	82%	73%

*NA indicates that pass rates are not available because there were fewer than ten examinees in the group.

CSET: Art, Subtest II

	Passing at -2 SEM	Passing at -1.5 SEM	Passing at -1 SEM	Passing at -0.5 SEM	Passing at Panel-Recommended Cut Score (0 SEM)
African American or Black	92%	83%	75%	67%	50%
Asian American	92%	92%	75%	75%	75%
Southeast Asian American	NA	NA	NA	NA	NA
Pacific Island American	NA	NA	NA	NA	NA
Latin American / Other Hispanic	90%	86%	83%	63%	51%
Native American	NA	NA	NA	NA	NA
White (non-Hispanic)	99%	98%	96%	86%	78%
Other Race or Ethnicity	95%	90%	90%	67%	57%

	Passing at -2 SEM	Passing at -1.5 SEM	Passing at -1 SEM	Passing at -0.5 SEM	Passing at Panel- Recommended Cut Score (0 SEM)
Female	94%	92%	89%	75%	68%
Male	97%	94%	91%	79%	68%

*NA indicates that pass rates are not available because there were fewer than ten examinees in the group.

CSET: Multiple Subjects Subtest III

	Passing at -2 SEM	Passing at -1.5 SEM	Passing at -1 SEM	Passing at -0.5 SEM	Passing at Panel- Recommended Cut Score (0 SEM)
African American or Black	97%	97%	95%	93%	88%
Asian American	99%	99%	98%	97%	94%
Southeast Asian American	99%	98%	97%	96%	91%
Pacific Island American	92%	92%	86%	84%	78%
Latin American / Other Hispanic	99%	99%	97%	94%	88%
Native American	99%	99%	97%	96%	91%
White (non- Hispanic)	99%	99%	99%	99%	96%
Other Race or Ethnicity	98%	98%	96%	93%	89%
Female	99%	99%	98%	96%	91%
Male	98%	98%	97%	96%	92%

*NA indicates that pass rates are not available because there were fewer than ten examinees in the group.

CSET: Music, Subtest I

	Passing at -2 SEM	Passing at -1.5 SEM	Passing at -1 SEM	Passing at -0.5 SEM	Passing at Panel- Recommended Cut Score (0 SEM)
African American or Black	NA	NA	NA	NA	NA
Asian American	NA	NA	NA	NA	NA
Southeast Asian American	NA	NA	NA	NA	NA
Pacific Island American	NA	NA	NA	NA	NA
Latin American / Other Hispanic	90%	90%	80%	70%	70%
Native American	NA	NA	NA	NA	NA

	Passing at -2 SEM	Passing at -1.5 SEM	Passing at -1 SEM	Passing at -0.5 SEM	Passing at Panel- Recommended Cut Score (0 SEM)
White (non-Hispanic)	96%	96%	93%	81%	70%
Other Race or Ethnicity	NA	NA	NA	NA	NA
Female	100%	100%	83%	70%	61%
Male	91%	91%	91%	82%	77%

*NA indicates that pass rates are not available because there were fewer than ten examinees in the group.

CSET: Music, Subtest II

	Passing at -2 SEM	Passing at -1.5 SEM	Passing at -1 SEM	Passing at -0.5 SEM	Passing at Panel- Recommended Cut Score (0 SEM)
African American or Black	NA	NA	NA	NA	NA
Asian American	NA	NA	NA	NA	NA
Southeast Asian American	NA	NA	NA	NA	NA
Pacific Island American	NA	NA	NA	NA	NA
Latin American / Other Hispanic	100%	88%	88%	63%	56%
Native American	NA	NA	NA	NA	NA
White (non-Hispanic)	98%	95%	93%	83%	78%
Other Race or Ethnicity	NA	NA	NA	NA	NA
Female	100%	94%	90%	68%	55%
Male	98%	90%	90%	85%	78%

*NA indicates that pass rates are not available because there were fewer than ten examinees in the group.