

Report on Passing Rates of Commission-Approved Examinations 2013-14 to 2017-18

Appendices

All demographic and background information included in these appendices is self-reported by examinees. Examinees are not required to provide demographic or background information.

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Appendix A: CBEST

Appendix A1: CBEST Participation and Demographic Data, 2013 to 2018

CBEST 2013 to 2018	N	%
ALL EXAMINEES	178,060	100.0
Highest Level of High School Math Completed	N	%
No High School Math	288	0.2
General Math/Algebra I	14,087	7.9
Algebra II and/or Geometry	58,356	32.8
Pre-calculus	63,960	35.9
Calculus	33,000	18.5
No response	8,369	4.7
Number of High School Literature Courses	N	%
No courses taken	18,124	10.2
1 course	45,475	25.5
2 or 3 courses	104,614	58.8
No response	9,847	5.5
Number of High School Writing Courses	N	%
No courses taken	50,379	28.3
1 course	54,646	30.7
2 or 3 courses	63,188	35.5
No response	9,847	5.5
Number of High School Oral Language Courses	N	%
No courses taken	131,410	73.8
1 or 2 courses	36,803	20.7
No response	9,847	5.5
High School Grade Point Average	N	%
3.50 to 4.00	76,883	43.2
3.00 to 3.49	60,945	34.2
2.50 to 2.99	24,934	14.0
Below 2.50	7,373	4.1
No response	7,925	4.5
High School Attendance	N	%
In California	139,321	78.2
Some in California	3,911	2.2
Not in California	30,521	17.1
No response	4,307	2.4
College Math	N	%
No college math	9,585	5.4
HS-level courses	41,446	23.3
Calculus and/or Statistics	87,376	49.1
Advanced math	30,389	17.1
No response	9,264	5.2
College Grade Point Average	N	%

CBEST 2013 to 2018	N	%
3.50 to 4.00	51,281	28.8
3.00 to 3.49	72,412	40.7
2.50 to 2.99	38,872	21.8
Below 2.50	6,620	3.7
No response	8,875	5.0
Number of College Literature Courses	N	%
No courses taken	47,658	26.8
1 course	52,738	29.6
2 or 3 courses	66,787	37.5
No response	10,877	6.1
Number of College Writing Courses	N	%
No courses taken	45,481	25.5
1 course	68,372	38.4
2 or 3 courses	53,330	30.0
No response	10,877	6.1
Number of College Oral Language Courses	N	%
No courses taken	97,945	55.0
1 or 2 courses	69,238	38.9
No response	10,877	6.1
Education Level	N	%
HS/Lower Division College	7,180	4.0
Upper Division College	37,337	21.0
Bachelor's degree	83,281	46.8
Bachelor's degree + additional units	24,390	13.7
Master's degree	14,079	7.9
More than Master's degree	7,574	4.3
No response	4,219	2.4
Years Away from College	N	%
Currently attending college	42,528	23.9
Less than a year	36,845	20.7
1-3 years	37,583	21.1
4-10 years	30,640	17.2
More than 10 years	22,574	12.7
No response	7,890	4.4
Professional Preparation	N	%
Enrolled in Professional Preparation Program	116,430	65.4
Completed Professional Preparation Program	18,979	10.7
Considering a Professional Preparation Program	18,730	10.5
Not enrolled in Professional Preparation Program	2,278	1.3
Have not begun Professional Preparation Program	11,518	6.5
No response	10,125	5.7
Special Preparation	N	%
Took test preparation courses	20,756	11.7

CBEST 2013 to 2018	N	%
Did not take test preparation courses	149,988	84.2
No response	7,316	4.1
Employment Status	N	%
Student	37,607	21.1
Working as a teacher in a school	12,175	6.8
Working as school/district administrator	1,101	0.6
Working in another school role	35,411	19.9
Employed, but not in a school role	55,746	31.3
Unemployed outside the home	28,200	15.8
No response	7,820	4.4
Reason for Taking CBEST	N	%
For teaching credential	79,011	44.4
For service credential	4,943	2.8
For Full-time or Part-time employment or substitute list	72,469	40.7
For admission to Professional Preparation program	18,321	10.3
No response	3,316	1.9
Type of Credential	N	%
Elementary teaching	44,901	25.2
Secondary teaching	37,943	21.3
Teaching adults	1,088	0.6
Teaching special education students	11,541	6.5
Admin. Services or school counseling	8,245	4.6
Emergency/substitute teaching	21,206	11.9
Other credential or permit	13,505	7.6
Not now seeking credential/permit	21,226	11.9
No response	18,405	10.3
Father's Education	N	%
High school diploma or less	65,631	36.9
Some college	33,759	19.0
Bachelor's degree or higher	63,041	35.4
Unknown	10,368	5.8
No response	5,261	3.0
Mother's Education	N	%
High school diploma or less	61,062	34.3
Some college	43,926	24.7
Bachelor's degree or higher	61,453	34.5
Unknown	6,535	3.7
No response	5,084	2.9
Best Language	N	%
English	169,067	94.9
Spanish	3,100	1.7
Other languages	2,552	1.4
No response	3,341	1.9

CBEST 2013 to 2018	N	%
Gender	N	%
Female	122,873	69.0
Male	53,103	29.8
No response	2,084	1.2
Ethnicity	N	%
African American	10,276	5.8
Asian American	6,734	3.8
Filipino	3,961	2.2
South East Asian	3,500	2.0
Pacific Islander	754	0.4
Mexican American	35,376	19.9
Latino	13,947	7.8
Native American	919	0.5
White	73,582	41.3
Other	11,272	6.3
No response	17,739	10.0

Appendix A2: CBEST First-Time and Cumulative Passing Rates by Demographic Variables, 2013 - 2018

CBEST	First-time N Completed	First-time N Passed	First-time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	174,542	117,921	67.6	174,542	146,189	83.8
High School Math Coursework						
No High School Math	264	98	37.1	272	168	61.8
General Math/Algebra I	12,136	4,964	40.9	13,397	8,682	64.8
Algebra II and/or Geometry	57,787	33,594	58.1	57,132	45,583	79.8
Pre-calculus	63,636	47,077	74.0	63,151	55,689	88.2
Calculus	32,754	26,701	81.5	32,625	29,660	90.9
No response	7,965	5,487	68.9	7,965	6,407	80.4
High School Grade Point Average						
3.50 to 4.00	75,981	59,406	78.2	75,979	68,321	89.9
3.00 to 3.49	59,758	37,219	62.3	59,711	48,437	81.1
2.50 to 2.99	24,267	12,497	51.5	24,186	17,968	74.3
Below 2.50	6,966	3,431	49.3	7,096	5,146	72.5
No response	7,570	5,368	70.9	7,570	6,317	83.4
High School Attendance						
In California	136,776	92,320	67.5	137,081	115,728	84.4
Some in California	3,761	2,460	65.4	3,804	3,108	81.7
Not in California	29,896	20,209	67.6	29,548	23,929	81.0
No response	4,109	2,932	71.4	4,109	3,424	83.3
College Math						
No college math	9,466	6,866	72.5	9,372	7,933	84.6
HS-level courses	39,861	23,123	58.0	40,424	31,529	78.0
Calculus and/or Statistics	86,017	60,814	70.7	86,114	74,281	86.3
Advanced math	30,383	21,088	69.4	29,817	25,449	85.4
No response	8,815	6,030	68.4	8,815	6,997	79.4
College Grade Point Average						
3.50 to 4.00	49,814	39,061	78.4	50,515	45,394	89.9
3.00 to 3.49	70,679	47,410	67.1	71,062	59,684	84.0
2.50 to 2.99	38,882	22,189	57.1	38,025	29,622	77.9

CBEST	First-time N Completed	First- time N Passed	First- time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
Below 2.50	6,651	3,450	51.9	6,424	4,647	72.3
No response	8,516	5,811	68.2	8,516	6,842	80.3
Number of High School Literature Courses						
No courses taken	15,793	6,903	43.7	17,216	11,307	65.7
1 course	43,398	26,026	60.0	44,412	35,092	79.0
2 or 3 courses	105,952	78,398	74.0	103,515	92,101	89.0
No response	9,399	6,594	70.2	9,399	7,689	81.8
Number of High School Oral Language Courses						
No courses taken	128,230	87,208	68.0	129,234	109,094	84.4
1 or 2 courses	36,913	24,119	65.3	35,909	29,406	81.9
No response	9,399	6,594	70.2	9,399	7,689	81.8
Education Level						
HS/Lower Division College	7,933	4,500	56.7	6,955	5,260	75.6
Upper Division College	40,028	25,514	63.7	36,800	31,538	85.7
Bachelor's degree	79,372	54,083	68.1	81,671	67,984	83.2
Bachelor's degree + additional units	22,411	16,021	71.5	23,908	20,326	85.0
Master's degree	13,427	9,462	70.5	13,739	11,314	82.3
More than Master's degree	7,337	5,491	74.8	7,435	6,405	86.1
No response	4,034	2,850	70.6	4,034	3,362	83.3
Years Away from College						
Currently attending college	46,044	28,979	62.9	41,865	35,525	84.9
Less than a year	35,971	24,903	69.2	36,410	31,299	86.0
1-3 years	34,606	23,870	69.0	36,931	30,664	83.0
4-10 years	28,677	19,518	68.1	29,886	24,293	81.3
More than 10 years	21,670	15,430	71.2	21,876	18,308	83.7
No response	7,574	5,221	68.9	7,574	6,100	80.5
Professional Preparation						

CBEST	First-time N Completed	First- time N Passed	First- time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
Enrolled in Professional Preparation	116,807	79,716	68.2	114,307	96,260	84.2
Completed Professional Preparation	18,723	12,252	65.4	18,689	15,631	83.6
Considering Professional Preparation	16,206	10,291	63.5	18,418	15,421	83.7
Not enrolled in Professional Preparation	1,992	1,146	57.5	2,180	1,593	73.1
Have not begun Professional Preparation	11,116	7,837	70.5	11,250	9,474	84.2
No response	9,698	6,679	68.9	9,698	7,810	80.5
Special Preparation						
Took test preparation courses	17,176	10,293	59.9	20,175	15,722	77.9
Did not take test preparation courses	150,334	102,706	68.3	147,335	124,681	84.6
No response	7,032	4,922	70.0	7,032	5,786	82.3
Employment Status						
Student	37,868	25,492	67.3	37,081	32,117	86.6
Working as a teacher in a school	11,410	7,333	64.3	11,816	9,438	79.9
Working as school/district administrator	953	549	57.6	1,066	779	73.1
Working in another school role	33,738	20,266	60.1	34,584	27,702	80.1
Employed, but not in a school role	55,263	38,979	70.5	54,817	46,509	84.8
Unemployed outside the home	27,770	19,982	72.0	27,638	23,403	84.7

CBEST	First-time N Completed	First- time N Passed	First- time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
No response	7,540	5,320	70.6	7,540	6,241	82.8
Reason for Taking CBEST						
For teaching credential	76,913	50,114	65.2	77,416	65,059	84.0
For service credential	4,652	3,218	69.2	4,870	4,172	85.7
For employment or substitute list	71,193	49,748	69.9	71,098	59,012	83.0
For admission to Professional Preparation	18,609	12,565	67.5	17,983	15,343	85.3
No Response	3,175	2,276	71.7	3,175	2,603	82.0
Type of Credential						
Elementary teaching	44,077	27,090	61.5	43,997	36,027	81.9
Secondary teaching	37,297	27,101	72.7	37,414	33,096	88.5
Teaching adults	1,000	540	54.0	1,041	728	69.9
Teaching special education students	11,239	6,298	56.0	11,287	8,952	79.3
Admin. Services or school counseling	7,973	4,581	57.5	8,083	6,409	79.3
Emergency/substi tute teaching	20,585	15,452	75.1	20,926	18,122	86.6
Other credential or permit	13,582	9,230	68.0	13,243	11,146	84.2
Not now seeking credential/permit	21,081	14,638	69.4	20,843	17,540	84.2
No response	17,708	12,991	73.4	17,708	14,169	80.0
Father's Education						
High school diploma or less	64,681	38,063	58.8	64,127	50,936	79.4
Some college	33,210	23,901	72.0	33,270	28,891	86.8
Bachelor's degree or higher	62,108	48,137	77.5	62,110	55,314	89.1
Unknown	9,476	4,136	43.6	9,968	6,769	67.9

CBEST	First-time N Completed	First- time N Passed	First- time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
No response	5,067	3,684	72.7	5,067	4,279	84.4
Mother's Education						
High school diploma or less	60,103	34,588	57.5	59,433	46,562	78.3
Some college	43,124	30,568	70.9	43,294	37,249	86.0
Bachelor's degree or higher	60,724	47,063	77.5	60,692	54,224	89.3
Unknown	5,699	2,131	37.4	6,231	3,998	64.2
No response	4,892	3,571	73.0	4,892	4,156	85.0
Best Language						
English	166,269	114,314	68.8	166,181	140,807	84.7
Spanish	2,820	654	23.2	2,850	1,524	53.5
Other languages	2,246	518	23.1	2,304	1,098	47.7
No response	3,207	2,435	75.9	3,207	2,760	86.1
Gender						
Female	120,157	78,494	65.3	120,157	99,145	82.5
Male	52,336	37,784	72.2	52,336	45,194	86.4
No response	2,049	1,643	80.2	2,049	1,850	90.3
Ethnicity						
African American	9,928	4,614	46.5	9,928	6,711	67.6
Asian American	6,555	4,405	67.2	6,555	5,266	80.3
Filipino	3,873	2,423	62.6	3,873	3,055	78.9
South East Asian	3,412	1,930	56.6	3,412	2,569	75.3
Pacific Islander	739	471	63.7	739	604	81.7
Mexican American	34,539	18,560	53.7	34,539	26,731	77.4
Latino	13,521	7,136	52.8	13,521	10,131	74.9
Native American	906	597	65.9	906	735	81.1
White	72,783	58,433	80.3	72,783	66,756	91.7
Other	10,900	6,558	60.2	10,900	8,416	77.2
No response	17,386	12,794	73.6	17,386	15,215	87.5

Appendix B: CSET

Appendix B1: Domains, and Item Types for CSET Examinations by Subtest

CSET: Agriculture

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Plant and Soil Science	25	2
I	Ornamental Horticulture	15	1
II	Animal Science	25	2
II	Environmental Science and Natural Resource Management	15	1
III	Agricultural Business and Economics	20	2
III	Agricultural Systems Technology	20	1

CSET: Art

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Aesthetic Valuing	20	1
I	Historical and Cultural Context of the Visual Arts	15	1
I	Artistic Perception	15	2
II	Creative Expression	30	3
II	Connections, Relationships, and Applications	10	1
II	History and Theories of Learning in Art	10	-

CSET: Business

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Business Management	20	1
I	Marketing	20	1
II	Accounting and Finance	25	1
II	Economics	15	1
III	Information Technology	25	1
III	Business Environment and Communication	15	1

CSET: English

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Reading Literature and Informational Texts	40	-
I	Composition and Rhetoric	10	
II	Language, Linguistics, and Literacy	50	-
III	Composition and Rhetoric	-	1
III	Reading Literature and Informational Texts	-	1
IV	Communications: Speech, Media, and Creative Performance	-	4

CSET: English Language Development

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Knowledge of English Learners in California and the United States	10	1
I	Applied Linguistics	34	2
II	Cultural Foundations	17	1
II	Foundations of English Learner Education in California and the United States	15	1
III	Principals of ELD Instruction and Assessment to Promote Receptive and Productive Language Proficiency	24	2

CSET: Health Science

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Foundations of Health Education	10	1
I	Human Growth and Development	10	-
I	Chronic and Communicable Diseases	20	1
II	Nutrition and Fitness	15	1
II	Mental and Emotional Health	10	-
II	Alcohol, Tobacco, and Other Drugs	15	1
III	Family Life and Interpersonal Relationships	15	1
III	Consumer and Community Health	15	-
III	Environmental Health	10	-

CSET: Home Economics

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Personal, Family, and Child Development	40	1
II	Nutrition, Foods, and Hospitality	40	2
III	Fashion and Textiles	12	1
III	Housing and Interior Design	12	1
III	Consumer Education	16	2

CSET: Industrial and Technology Education

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Nature of Technology	45	3
II	Power and Energy	25	1
II	Information and Communication	25	1
II	Project and Product Development	25	1

*CSET: Mathematics**

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Number and Quantity	10	1
I	Algebra	25	2
II	Geometry	25	2
II	Probability and Statistics	10	1
III	Calculus	30	2

*Subtests I and II satisfy the subject matter requirement for the Foundational-level Mathematics credential

CSET: Multiple Subjects

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Reading, Language, and Literature	26	2
I	History and Social Science	26	2
II	Science;	26	2
II	Mathematics	26	2
III	Physical Education	13	1
III	Human Development	13	1
III	Visual and Performing Arts	13	1

CSET: Music

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Artistic Perception	30	1
I	Historical and Cultural Foundations	15	1
I	Aesthetic Valuing	0	1
II	Creative Expression	30	2
II	Connections, Relationships, and Applications	10	0
III	Music Methodology and Repertoire	40	2

CSET: Physical Education

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Growth, Motor Development, and Motor Learning	20	1
I	The Science of Human Movement	20	1
II	The Sociology and Psychology of Human Movement	10	1
II	Movement Concepts and Forms	24	1
II	Assessment and Evaluation Principles	6	0
III	Professional Foundations	16	0
III	Integration of Concepts	24	1

*CSET: Science**

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Scientific Practices, Engineering Design and Applications, and Crosscutting Concepts	33	1
I	Physical Sciences	23	1
I	Life Sciences	22	1
I	Earth and Space Sciences	22	1
II	Concentration: Life Science	50	3
II	Concentration: Chemistry	50	3
II	Concentration: Earth and Space Sciences	50	3
II	Concentration: Physics	50	3

*Subtest I satisfies the subject matter requirement for both the full Science and Foundational-level General Science credentials.

CSET: Social Science

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	World History	35	1
I	World Geography	4	1

II	U.S. History	35	2
II	U.S. Geography	4	1
III	Civics	18	1
III	Economics	15	1
III	California History	7	1

CSET WL: American Sign Language

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Literary and Cultural Texts and Traditions	10	1
I	Cultural Analysis and Comparisons	20	1
II	General Linguistics	1	-
II	Linguistics of the Target Language –American Sign Language (Language Structures; Contrastive Analysis; Sociolinguistics and Pragmatics)	20	2
III	Linguistics of the Target Language –American Sign Language (Error Analysis)	-	1
III	Language and Communication: Receptive Comprehension	18	1
III	Language and Communication: Expressive Production	-	2

CSET WL: Arabic, Armenian, Farsi, Filipino, Hmong, Khmer

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	General Linguistics	-	1
I	Linguistics of the Target Language	-	3
I	Literary and Cultural Texts and Traditions	-	1
I	Cultural Analysis and Comparisons	-	1
II	Language and Communication: Oral Expression	-	2
II	Language and Communication: Listening Comprehension	-	2
II	Language and Communication: Reading Comprehension	-	1
II	Language and Communication: Written Expression	-	2
IV	Bilingual Education and Bilingualism	12	-
IV	Intercultural Communication	13	0
IV	Instruction and Assessment	25	-
V	Geographic and Historical Contexts	-	2
V	Sociopolitical and Sociocultural Contexts	-	3

CSET WL: Cantonese

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	General Linguistics	5	1
I	Linguistics of the Target Language	15	3
II	Literary and Cultural Texts and Traditions	10	2
II	Cultural Analysis and Comparisons	10	1
III	Language and Communication: Listening Comprehension	10	1
III	Language and Communication: Reading Comprehension	10	1
III	Language and Communication: Written Expression	-	2
III	Language and Communication: Oral Expression	-	2
IV	Bilingual Education and Bilingualism	12	-
IV	Intercultural Communication	13	-
IV	Instruction and Assessment	25	-
V	Geographic and Historical Contexts	-	2
V	Sociopolitical and Sociocultural Contexts	-	3

CSET WL: French, German, Japanese, Korean, Mandarin, Punjabi, Russian, Spanish, Vietnamese

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	General Linguistics	15	1
I	Linguistics of the Target Language	25	2
II	Literary and Cultural Texts and Traditions	20	1
II	Cultural Analysis and Comparisons	20	-
III	Language and Communication: Oral Expression	15	1
III	Language and Communication: Listening Comprehension	15	1
III	Language and Communication: Reading Comprehension	-	2
III	Language and Communication: Written Comprehension	-	2

*CSET WL: Hebrew, Hindi, Italian, Portuguese, Turkish**

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	General Linguistics	-	1
I	Linguistics of the Target Language	-	2
I	Literary and Cultural Texts and Traditions	-	1
I	Cultural Analysis and Comparisons	-	2

**To use the CSET examinations in Hebrew, Hindi, Italian, and Portuguese toward certification, the individual must also pass the language and communication skills examinations offered by other entities approved by the Commission.*

*CSET: Writing Skills**

Subtest Number	Domains Measured	Number of MC Items	Number of CR Items
I	Expository Writing	-	1
I	Expressive Writing	-	1

**CSET Writing Skills is used to satisfy the basic skills requirement for those who want to take it with all three sections of CSET Multiple Subject exam as an option for meeting the basic skills requirement.*

Appendix B2: CSET: Agriculture – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET: Agriculture	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	18	9	50.0	257	145	56.4
Ethnicity						
African American	0	NA	NA	2	*	*
Asian American	1	*	*	11	7	63.6
Hispanic American	5	*	*	23	17	73.9
Native American	0	NA	NA	3	*	*
White, non-Hispanic	11	4	36.4	192	104	54.2
Gender						
Female	12	6	50.0	160	90	56.3
Male	6	*	*	94	53	56.4
Reason for Taking the CSET						
To obtain an initial Ed Special teaching credential	0	NA	NA	13	6	46.2
To add an authorization	1	*	*	40	15	37.5
College/University Training						
In California	15	8	53.3	186	109	58.6
Outside of California	0	NA	NA	23	12	52.2
Educational Level						
Fresh/Soph/Jr/Sr College	2	*	*	30	12	40.0
Bachelor's degree + additional credits	12	7	58.3	170	99	58.2
Master's degree or doctoral degree	2	*	*	31	14	45.2

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B3: CSET: Art – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET: Art	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	234	171	73.1	3,063	2,595	84.7
Ethnicity						
African American	5	*	*	50	31	62.0
Asian American	17	9	52.9	210	168	80.0
Hispanic American	47	31	66.0	411	319	77.6
Native American	2	*	*	32	24	75.0
White, non-Hispanic	131	104	79.4	1,808	1,578	87.3
Gender						
Female	153	109	71.2	2,122	1,788	84.3
Male	72	55	76.4	890	762	85.6
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	182	131	72.0	2,341	1,982	84.7
To obtain an initial Ed Special teaching credential	6	*	*	51	37	72.5
To add an authorization	33	27	81.8	510	447	87.6
College/University Training						
In California	182	133	73.1	1,977	1,676	84.8
Outside of California	39	30	76.9	498	434	87.1
Educational Level						
Fresh/Soph/Jr/Sr College	16	12	75.0	153	128	83.7
Bachelor's degree + additional credits	131	90	68.7	2,064	1,737	84.2
Master's degree or doctoral degree	53	46	86.8	672	592	88.1

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B4: CSET: Business – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET: Business	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	36	14	38.9	773	431	55.8
Ethnicity						
African American	3	*	*	55	14	25.5
Asian American	5	*	*	74	37	50.0
Hispanic American	7	*	*	79	38	48.1
Native American	0	NA	NA	5	*	*
White, non-Hispanic	19	10	52.6	486	293	60.3
Gender						
Female	12	5	41.7	320	160	50.0
Male	23	9	39.1	444	266	59.9
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	25	9	36.0	477	255	53.5
To obtain an initial Ed Special teaching credential	1	*	*	13	3	23.1
To add an authorization	6	*	*	210	128	61.0
College/University Training						
In California	27	12	44.4	463	259	55.9
Outside of California	4	*	*	133	70	52.6
Educational Level						
Fresh/Soph/Jr/Sr College	0	NA	NA	6	*	*
Bachelor's degree + additional credits	12	4	33.3	427	223	52.2
Master's degree or doctoral degree	12	6	50.0	260	161	61.9

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B5: CSET: English (Updated 2014)– Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2014-18

CSET: English (Updated 2014)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	1,572	1,143	72.7	6,241	5,119	82.0
Ethnicity						
African American	80	43	53.8	275	188	68.4
Asian American	152	112	73.7	502	417	83.1
Hispanic American	295	181	61.4	1,059	771	72.8
Native American	6	*	*	36	27	75.0
White, non-Hispanic	872	673	77.2	3,360	2,846	84.7
Gender						
Female	1,027	744	72.4	4,143	3,402	82.1
Male	531	387	72.9	2,008	1,634	81.4
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	991	767	77.4	4,851	4,072	83.9
To obtain an initial Ed Special teaching credential	23	13	56.5	136	100	73.5
To add an authorization	68	53	77.9	410	337	82.2
College/University Training						
In California	1,180	846	71.7	4,652	3,786	81.4
Outside of California	272	210	77.2	1,084	918	84.7
Educational Level						
Fresh/Soph/Jr/Sr College	146	103	70.5	603	506	83.9
Bachelor's degree + additional credits	890	646	72.6	3,750	3,073	81.9
Master's degree or doctoral degree	243	187	77.0	1,204	995	82.6
Undergraduate Major in English	586	448	76.5	2,280	1,973	86.5

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B6: CSET: English Language Development – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2014-18

CSET: English Language Development	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	34	2	5.9	97	11	11.3
Ethnicity						
African American	0	NA	NA	2	*	*
Asian American	8	*	*	13	2	15.4
Hispanic American	8	*	*	22	3	13.6
Native American	0	NA	NA	0	NA	NA
White, non-Hispanic	15	0	0.0	42	3	7.1
Gender						
Female	25	2	8.0	73	10	13.7
Male	9	*	*	23	1	4.3
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	27	2	7.4	36	3	8.3
To obtain an initial Ed Special teaching credential	0	NA	NA	4	*	*
To add an authorization	3	*	*	13	3	23.1
College/University Training						
In California	15	1	6.7	57	9	15.8
Outside of California	6	*	*	12	1	8.3
Educational Level						
Fresh/Soph/Jr/Sr College	0	NA	NA	1	*	*
Bachelor's degree + additional credits	22	1	4.5	48	3	6.3
Master's degree or doctoral degree	6	*	*	33	7	21.2

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B7: CSET: Health Science – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET: Health Science	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	146	101	69.2	3,712	2,834	76.3
Ethnicity						
African American	5	*	*	225	128	56.9
Asian American	17	11	64.7	301	224	74.4
Hispanic American	21	15	71.4	496	352	71.0
Native American	0	NA	NA	26	20	76.9
White, non-Hispanic	87	65	74.7	2,202	1,748	79.4
Gender						
Female	94	67	71.3	2,292	1,830	79.8
Male	45	27	60.0	1,381	969	70.2
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	65	44	67.7	1,601	1,174	73.3
To obtain an initial Ed Special teaching credential	1	*	*	150	110	73.3
To add an authorization	43	31	72.1	1,470	1,204	81.9
College/University Training						
In California	92	63	68.5	2,353	1,799	76.5
Outside of California	25	19	76.0	444	347	78.2
Educational Level						
Fresh/Soph/Jr/Sr College	3	*	*	57	36	63.2
Bachelor's degree + additional credits	67	44	65.7	2,161	1,611	74.5
Master's degree or doctoral degree	43	34	79.1	1,113	901	81.0

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B8: CSET: Home Economics – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2005-18

CSET: Home Economics	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	24	12	50.0	566	410	72.4
Ethnicity						
African American	1	*	*	13	4	30.8
Asian American	0	NA	NA	38	21	55.3
Hispanic American	2	*	*	47	28	59.6
Native American	0	NA	NA	6	*	*
White, non-Hispanic	18	7	38.9	385	294	76.4
Gender						
Female	24	12	50.0	520	375	72.1
Male	0	NA	NA	37	27	73.0
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	15	6	40.0	245	163	66.5
To obtain an initial Ed Special teaching credential	0	NA	NA	15	11	73.3
To add an authorization	3	*	*	242	189	78.1
College/University Training						
In California	13	5	38.5	296	204	68.9
Outside of California	2	*	*	66	52	78.8
Educational Level						
Fresh/Soph/Jr/Sr College	0	NA	NA	13	7	53.8
Bachelor's degree + additional credits	9	*	*	311	229	73.6
Master's degree or doctoral degree	7	*	*	186	135	72.6

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B9: CSET: Industrial & Technology Education – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2005-18

CSET: Industrial & Technology Education	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	91	64	70.3	904	757	83.7
Ethnicity						
African American	0	NA	NA	18	13	72.2
Asian American	9	*	*	87	72	82.8
Hispanic American	16	10	62.5	93	63	67.7
Native American	1	*	*	9	*	*
White, non-Hispanic	50	37	74.0	580	503	86.7
Gender						
Female	28	15	53.6	187	134	71.7
Male	60	46	76.7	705	611	86.7
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	24	13	54.2	325	259	79.7
To obtain an initial Ed Special teaching credential	5	*	*	21	12	57.1
To add an authorization	43	35	81.4	464	409	88.1
College/University Training						
In California	52	37	71.2	487	402	82.5
Outside of California	7	*	*	108	98	90.7
Educational Level						
Fresh/Soph/Jr/Sr College	0	NA	NA	9	*	*
Bachelor's degree + additional credits	33	23	69.7	451	374	82.9
Master's degree or doctoral degree	42	32	76.2	361	308	85.3

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B10: CSET: Mathematics (Updated 2015) (Foundational-Level) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2015-18

CSET: Mathematics (Updated 2015) (Foundational-Level)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	795	329	41.4	2,494	1,279	51.3
Ethnicity						
African American	37	5	13.5	112	31	27.7
Asian American	159	87	54.7	421	260	61.8
Hispanic American	171	47	27.5	571	239	41.9
Native American	2	*	*	9	*	*
White, non-Hispanic	353	159	45.0	1,057	571	54.0
Gender						
Female	431	177	41.1	1,387	703	50.7
Male	360	150	41.7	1,079	558	51.7
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	307	143	46.6	911	461	50.6
To obtain an initial Ed Special teaching credential	11	4	36.4	35	14	40.0
To add an authorization other than foundational level Math/Science	12	7	58.3	42	16	38.1
College/University Training						
In California	546	214	39.2	1,698	812	47.8
Outside of California	139	71	51.1	443	264	59.6
Educational Level						
Fresh/Soph/Jr/Sr College	76	41	53.9	213	115	54.0
Bachelor's degree + additional credits	419	160	38.2	1,509	759	50.3
Master's degree or doctoral degree	128	58	45.3	398	214	53.8
Undergraduate Major in Math	107	54	50.5	344	204	59.3

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B11: CSET: Mathematics (Updated 2015)– Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2015-18

CSET: Mathematics (Updated 2015)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	538	315	58.6	1,660	1,093	65.8
Ethnicity						
African American	18	11	61.1	48	31	64.6
Asian American	120	73	60.8	364	259	71.2
Hispanic American	101	45	44.6	296	143	48.3
Native American	1	*	*	4	*	*
White, non-Hispanic	251	156	62.2	724	490	67.7
Gender						
Female	287	142	49.5	803	457	56.9
Male	239	164	68.6	822	607	73.8
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	359	205	57.1	1,116	748	67.0
To obtain an initial Ed Special teaching credential	3	*	*	14	7	50.0
To add an authorization other than foundational level Math/Science	23	14	60.9	59	39	66.1
College/University Training						
In California	383	219	57.2	1,174	741	63.1
Outside of California	96	59	61.5	308	222	72.1
Educational Level						
Fresh/Soph/Jr/Sr College	92	56	60.9	261	186	71.3
Bachelor's degree + additional credits	259	143	55.2	924	569	61.6
Master's degree or doctoral degree	67	41	61.2	234	176	75.2
Undergraduate Major in Math	216	137	63.4	668	471	70.5

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B12: CSET Multiple Subjects (Updated 2017) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2017-18

CSET Multiple Subjects (Updated 2017)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	10,043	6,150	61.2	10,043	6,150	61.2
Ethnicity						
African American	487	214	43.9	487	214	43.9
Asian American	882	567	64.3	882	567	64.3
Hispanic American	3,020	1,464	48.5	3,020	1,464	48.5
Native American	67	39	58.2	67	39	58.2
White, non-Hispanic	4,644	3,265	70.3	4,644	3,265	70.3
Gender						
Female	8,215	4,903	59.7	8,215	4,903	59.7
Male	1,744	1,187	68.1	1,744	1,187	68.1
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	6,075	3,839	63.2	6,075	3,839	63.2
To obtain an initial Ed Special teaching credential	1,189	665	55.9	1,189	665	55.9
To add an authorization	38	30	78.9	38	30	78.9
To meet NCLB requirement – possess MSTC	30	13	43.3	30	13	43.3
College/University Training						
In California	7,907	4,718	59.7	7,907	4,718	59.7
Outside of California	1,086	783	72.1	1,086	783	72.1
Highest Educational Level						
Fresh/Soph/Jr/Sr College	1,629	1,142	70.1	1,629	1,142	70.1
Bachelor’s degree + additional credits	5,807	3,404	58.6	5,807	3,404	58.6
Master’s degree or doctoral degree	711	432	60.8	711	432	60.8

CSET Multiple Subjects (Updated 2017)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
Undergraduate Major in Liberal Studies	2,359	1,339	56.8	2,359	1,339	56.8

Appendix B13: CSET Multiple Subjects (Updated 2014) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2014-17

CSET Multiple Subjects (Updated 2014)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	1,189	974	81.9	28,481	25,262	88.7
Ethnicity						
African American	44	30	68.2	977	764	78.2
Asian American	139	103	74.1	2,524	2,226	88.2
Hispanic American	352	258	73.3	6,974	5,773	82.8
Native American	2	*	*	157	137	87.3
White, non-Hispanic	505	456	90.3	13,570	12,509	92.2
Gender						
Female	964	787	81.6	23,209	20,522	88.4
Male	212	174	82.1	4,973	4,463	89.7
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	902	751	83.3	21,465	19,199	89.4
To obtain an initial Ed Special teaching credential	156	120	76.9	3,445	3,046	88.4
To add an authorization	11	10	90.9	177	163	92.1
To meet NCLB requirement – possess MSTC	4	*	*	269	209	77.7
College/University Training						
In California	962	784	81.5	22,661	20,087	88.6
Outside of California	83	72	86.7	2,735	2,469	90.3
Highest Educational Level						
Fresh/Soph/Jr/Sr College	174	157	90.2	5,653	5,196	91.9
Bachelor's degree + additional credits	747	602	80.6	18,048	15,950	88.4
Master's degree or doctoral degree	92	76	82.6	2,164	1,896	87.6

CSET Multiple Subjects (Updated 2014)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
Undergraduate Major in Liberal Studies	332	261	78.6	7,942	6,939	87.4

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B14: CSET: Music – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2004-18

CSET: Music	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	142	119	83.8	1,709	1,575	92.2
Ethnicity						
African American	1	*	*	43	33	76.7
Asian American	23	19	82.6	171	157	91.8
Hispanic American	26	16	61.5	223	199	89.2
Native American	0	NA	NA	7	*	*
White, non-Hispanic	73	65	89.0	1,022	961	94.0
Gender						
Female	57	48	84.2	791	735	92.9
Male	82	68	82.9	893	816	91.4
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	128	108	84.4	1,477	1,378	93.3
To obtain an initial Ed Special teaching credential	1	*	*	22	19	86.4
To add an authorization	7	*	*	138	120	87.0
College/University Training						
In California	107	88	82.2	1,065	983	92.3
Outside of California	25	23	92.0	327	303	92.7
Educational Level						
Fresh/Soph/Jr/Sr College	11	11	100.0	164	156	95.1
Bachelor's degree + additional credits	82	66	80.5	1,037	961	92.7
Master's degree or doctoral degree	28	22	78.6	424	385	90.8

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B15: CSET: Physical Education – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2004-18

CSET: Physical Education	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	721	313	43.4	8,419	6,014	71.4
Ethnicity						
African American	48	11	22.9	520	270	51.9
Asian American	49	13	26.5	598	424	70.9
Hispanic American	151	41	27.2	1,274	775	60.8
Native American	4	*	*	62	38	61.3
White, non-Hispanic	385	204	53.0	4,935	3,756	76.1
Gender						
Female	262	120	45.8	3,420	2,455	71.8
Male	451	186	41.2	4,932	3,515	71.3
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	397	183	46.1	5,472	3,931	71.8
To obtain an initial Ed Special teaching credential	13	4	30.8	158	93	58.9
To add an authorization	69	47	68.1	1,868	1,432	76.7
College/University Training						
In California	505	211	41.8	5,082	3,608	71.0
Outside of California	71	36	50.7	912	659	72.3
Educational Level						
Fresh/Soph/Jr/Sr College	18	7	38.9	224	131	58.5
Bachelor's degree + additional credits	402	172	42.8	5,466	3,928	71.9
Master's degree or doctoral degree	133	71	53.4	1,822	1,363	74.8

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B16: CSET: Science (Foundational-Level)(Original 2003) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET: Science (Foundational-Level)(Original 2003)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	42	25	59.5	4,314	2,531	58.7
Ethnicity						
African American	1	*	*	174	50	28.7
Asian American	7	*	*	489	294	60.1
Hispanic American	5	*	*	685	285	41.6
Native American	0	NA	NA	29	19	65.5
White, non-Hispanic	21	13	61.9	2,323	1,501	64.6
Gender						
Female	27	19	70.4	2,751	1,509	54.9
Male	15	6	40.0	1,508	977	64.8
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	11	9	81.8	1,173	646	55.1
To obtain an initial Ed Special teaching credential	0	NA	NA	45	24	53.3
To add an authorization	0	NA	NA	1,101	681	61.9
College/University Training						
In California	27	14	51.9	3,060	1,799	58.8
Outside of California	7	*	*	584	411	70.4
Educational Level						
Fresh/Soph/Jr/Sr College	1	*	*	154	103	66.9
Bachelor's degree + additional credits	25	17	68.0	2,634	1,567	59.5
Master's degree or doctoral degree	9	*	*	1,129	681	60.3

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B17: Updated CSET: Science (Foundational-Level) (Updated 2017) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2017-18

CSET: Science (Foundational-Level) (Updated 2017)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	604	312	51.7	604	312	51.7
Ethnicity						
African American	29	6	20.7	29	6	20.7
Asian American	70	38	54.3	70	38	54.3
Hispanic American	141	58	41.1	141	58	41.1
Native American	7	*	*	7	*	*
White, non-Hispanic	290	174	60.0	290	174	60.0
Gender						
Female	360	173	48.1	360	173	48.1
Male	235	134	57.0	235	134	57.0
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	202	96	47.5	202	96	47.5
To obtain an initial Ed Special teaching credential	9	*	*	9	*	*
To add an authorization	11	5	45.5	11	5	45.5
College/University Training						
In California	424	218	51.4	424	218	51.4
Outside of California	107	62	57.9	107	62	57.9
Educational Level						
Fresh/Soph/Jr/Sr College	30	19	63.3	30	19	63.3
Bachelor's degree + additional credits	319	158	49.5	319	158	49.5
Master's degree or doctoral degree	98	55	56.1	98	55	56.1

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B18: CSET Science: Biology/Life Science (Original 2003) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET Science: Biology/Life Science (Original 2003)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	60	32	53.3	13,655	10,795	79.1
Ethnicity						
African American	1	*	*	438	253	57.8
Asian American	5	*	*	1,949	1,563	80.2
Hispanic American	14	7	50.0	1,807	1,266	70.1
Native American	0	NA	NA	109	85	78.0
White, non-Hispanic	32	18	56.3	7,468	6,090	81.5
Gender						
Female	38	19	50.0	8,355	6,455	77.3
Male	22	13	59.1	5,106	4,174	81.7
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	31	17	54.8	8,052	6,811	84.6
To obtain an initial Ed Special teaching credential	0	NA	NA	99	68	68.7
To add an authorization	3	*	*	1,842	1,278	69.4
College/University Training						
In California	42	25	59.5	7,432	5,721	77.0
Outside of California	13	7	53.8	1,950	1,573	80.7
Educational Level						
Fresh/Soph/Jr/Sr College	3	*	*	1,513	1,370	90.5
Bachelor's degree + additional credits	36	21	58.3	8,650	6,846	79.1
Master's degree or doctoral degree	17	9	52.9	2,446	1,821	74.4
Undergraduate Major in Biology	29	19	65.5	6,633	5,946	89.6

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B19: CSET Science: Life Sciences (updated 2017) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2017-18

CSET Science: Life Sciences (updated 2017)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	791	564	71.3	791	564	71.3
Ethnicity						
African American	20	9	45.0	20	9	45.0
Asian American	124	101	81.5	124	101	81.5
Hispanic American	177	105	59.3	177	105	59.3
Native American	6	*	*	6	*	*
White, non-Hispanic	385	291	75.6	385	291	75.6
Gender						
Female	505	343	67.9	505	343	67.9
Male	274	213	77.7	274	213	77.7
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	349	251	71.9	349	251	71.9
To obtain an initial Ed Special teaching credential	4	*	*	4	*	*
To add an authorization	8	*	*	8	*	*
College/University Training						
In California	627	443	70.7	627	443	70.7
Outside of California	129	102	79.1	129	102	79.1
Educational Level						
Fresh/Soph/Jr/Sr College	108	91	84.3	108	91	84.3
Bachelor's degree + additional credits	435	284	65.3	435	284	65.3
Master's degree or doctoral degree	83	65	78.3	83	65	78.3
Undergraduate Major in Biology	434	364	83.9	434	364	83.9

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B20: CSET Science: Chemistry (Original 2003) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET Science: Chemistry (Original 2003)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	27	16	59.3	5,631	4,492	79.8
Ethnicity						
African American	0	NA	NA	168	115	68.5
Asian American	7	*	*	1,054	861	81.7
Hispanic American	8	*	*	655	470	71.8
Native American	0	NA	NA	33	25	75.8
White, non-Hispanic	9	*	*	2,949	2,418	82.0
Gender						
Female	17	9	52.9	2,973	2,256	75.9
Male	10	7	70.0	2,570	2,167	84.3
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	12	8	66.7	2,753	2,333	84.7
To obtain an initial Ed Special teaching credential	0	NA	NA	18	15	83.3
To add an authorization	4	*	*	1,344	1,028	76.5
College/University Training						
In California	18	11	61.1	3,048	2,360	77.4
Outside of California	4	*	*	1,090	907	83.2
Educational Level						
Fresh/Soph/Jr/Sr College	3	*	*	567	498	87.8
Bachelor's degree + additional credits	15	7	46.7	3,180	2,508	78.9
Master's degree or doctoral degree	6	*	*	1,467	1,187	80.9
Undergraduate Major in Chemistry	6	*	*	1,408	1,304	92.6

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B21: CSET Science: Chemistry (Updated 2017) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2017-18

CSET Science: Chemistry (Updated 2017)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	244	193	79.1	244	193	79.1
Ethnicity						
African American	6	*	*	6	*	*
Asian American	44	39	88.6	44	39	88.6
Hispanic American	38	25	65.8	38	25	65.8
Native American	0	NA	NA	0	NA	NA
White, non-Hispanic	124	99	79.8	124	99	79.8
Gender						
Female	137	106	77.4	137	106	77.4
Male	106	86	81.1	106	86	81.1
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	114	87	76.3	114	87	76.3
To obtain an initial Ed Special teaching credential	2	*	*	2	*	*
To add an authorization	4	*	*	4	*	*
College/University Training						
In California	173	136	78.6	173	136	78.6
Outside of California	52	42	80.8	52	42	80.8
Educational Level						
Fresh/Soph/Jr/Sr College	41	35	85.4	41	35	85.4
Bachelor's degree + additional credits	115	85	73.9	115	85	73.9
Master's degree or doctoral degree	31	23	74.2	31	23	74.2
Undergraduate Major in Chemistry	98	87	88.8	98	87	88.8

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B22: CSET Science: Earth/Planetary Science (Original 2003) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET Science: Earth/Planetary Science (Original 2003)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	15	10	66.7	4,403	3,395	77.1
Ethnicity						
African American	0	NA	NA	77	38	49.4
Asian American	3	*	*	394	278	70.6
Hispanic American	0	NA	NA	452	297	65.7
Native American	0	NA	NA	48	38	79.2
White, non-Hispanic	9	*	*	2,896	2,323	80.2
Gender						
Female	9	*	*	2,176	1,573	72.3
Male	6	*	*	2,176	1,779	81.8
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	7	*	*	1,776	1,410	79.4
To obtain an initial Ed Special teaching credential	0	NA	NA	29	20	69.0
To add an authorization	2	*	*	1,492	1,198	80.3
College/University Training						
In California	8	*	*	2,492	1,849	74.2
Outside of California	1	*	*	572	466	81.5
Educational Level						
Fresh/Soph/Jr/Sr College	0	NA	NA	184	150	81.5
Bachelor's degree + additional credits	11	6	54.5	2,706	2,089	77.2
Master's degree or doctoral degree	2	*	*	1,168	922	78.9
Undergraduate Major in Earth Science						
	3	*	*	646	562	87.0

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B23: CSET Science: Earth and Space Sciences (Updated 2017) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2017-18

CSET Science: Earth and Space Sciences (Updated 2017)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	101	53	52.5	101	53	52.5
Ethnicity						
African American	2	*	*	2	*	*
Asian American	4	*	*	4	*	*
Hispanic American	16	*	*	16	*	*
Native American	0	NA	NA	0	NA	NA
White, non-Hispanic	70	43	61.4	70	43	61.4
Gender						
Female	52	21	40.4	52	21	40.4
Male	47	30	63.8	47	30	63.8
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	45	24	53.3	45	24	53.3
To obtain an initial Ed Special teaching credential	2	*	*	2	*	*
To add an authorization	3	*	*	3	*	*
College/University Training						
In California	75	36	48.0	75	36	48.0
Outside of California	15	12	80.0	15	12	80.0
Educational Level						
Fresh/Soph/Jr/Sr College	7	*	*	7	*	*
Bachelor's degree + additional credits	58	34	58.6	58	34	58.6
Master's degree or doctoral degree	13	6	46.2	13	6	46.2
Undergraduate Major in Earth Science						
	29	21	72.4	29	21	72.4

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B24: CSET Science: Physics (Original 2003) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET Science: Physics (Original 2003)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	22	7	31.8	3,361	2,145	63.8
Ethnicity						
African American	0	NA	NA	74	36	48.6
Asian American	2	*	*	528	323	61.2
Hispanic American	4	*	*	329	158	48.0
Native American	0	NA	NA	22	11	50.0
White, non-Hispanic	10	4	40.0	1,927	1,290	66.9
Gender						
Female	9	*	*	1,095	581	53.1
Male	13	6	46.2	2,213	1,526	69.0
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	7	*	*	1,542	1,137	73.7
To obtain an initial Ed Special teaching credential	0	NA	NA	13	6	46.2
To add an authorization	2	*	*	859	500	58.2
College/University Training						
In California	17	6	35.3	1,754	1,046	59.6
Outside of California	2	*	*	667	447	67.0
Educational Level						
Fresh/Soph/Jr/Sr College	2	*	*	268	204	76.1
Bachelor's degree + additional credits	10	3	30.0	1,814	1,105	60.9
Master's degree or doctoral degree	8	*	*	999	670	67.1
Undergraduate Major in Physics	4	*	*	807	676	83.8

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B25: CSET Science: Physics (Updated 2017) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2017-18

CSET Science: Physics (Updated 2017)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	138	92	66.7	138	92	66.7
Ethnicity						
African American	4	*	*	4	*	*
Asian American	31	20	64.5	31	20	64.5
Hispanic American	19	9	47.4	19	9	47.4
Native American	0	NA	NA	0	NA	NA
White, non-Hispanic	73	55	75.3	73	55	75.3
Gender						
Female	37	15	40.5	37	15	40.5
Male	99	76	76.8	99	76	76.8
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	74	52	70.3	74	52	70.3
To obtain an initial Ed Special teaching credential	1	*	*	1	*	*
To add an authorization	6	*	*	6	*	*
College/University Training						
In California	95	62	65.3	95	62	65.3
Outside of California	32	24	75.0	32	24	75.0
Educational Level						
Fresh/Soph/Jr/Sr College	14	10	71.4	14	10	71.4
Bachelor's degree + additional credits	67	43	64.2	67	43	64.2
Master's degree or doctoral degree	29	21	72.4	29	21	72.4
Undergraduate Major in Physics	45	33	73.3	45	33	73.3

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B26: CSET: Social Science – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET: Social Science – Annual (2017-18)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	1,416	982	69.4	27,659	22,322	80.7
Ethnicity						
African American	45	16	35.6	1,110	713	64.2
Asian American	108	77	71.3	1,913	1,534	80.2
Hispanic American	341	192	56.3	4,696	3,487	74.3
Native American	7	*	*	207	155	74.9
White, non-Hispanic	765	577	75.4	15,946	13,247	83.1
Gender						
Female	567	344	60.7	11,631	8,797	75.6
Male	831	622	74.8	15,693	13,249	84.4
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	979	698	71.3	19,381	15,724	81.1
To obtain an initial Ed Special teaching credential	30	18	60.0	371	281	75.7
To add an authorization	49	40	81.6	3,207	2,580	80.4
College/University Training						
In California	1,046	705	67.4	15,443	12,319	79.8
Outside of California	231	188	81.4	3,126	2,607	83.4
Educational Level						
Fresh/Soph/Jr/Sr College	154	101	65.6	2,887	2,292	79.4
Bachelor's degree + additional credits	790	531	67.2	17,679	14,184	80.2
Master's degree or doctoral degree	164	128	78.0	4,844	4,065	83.9

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B27: CSET: WL ASL – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2005-18

CSET: WL ASL	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	22	8	36.4	293	169	57.7
Ethnicity						
African American	0	NA	NA	5	*	*
Asian American	2	*	*	14	9	64.3
Hispanic American	2	*	*	35	13	37.1
Native American	0	NA	NA	2	*	*
White, non-Hispanic	15	7	46.7	199	119	59.8
Gender						
Female	18	6	33.3	245	140	57.1
Male	4	*	*	46	27	58.7
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	18	7	38.9	192	115	59.9
To obtain an initial Ed Special teaching credential	1	*	*	13	4	30.8
To add an authorization	1	*	*	67	39	58.2
College/University Training						
In California	17	6	35.3	226	131	58.0
Outside of California	1	*	*	33	19	57.6
Educational Level						
Fresh/Soph/Jr/Sr College	2	*	*	26	11	42.3
Bachelor's degree + additional credits	8	*	*	159	86	54.1
Master's degree or doctoral degree	6	*	*	86	60	69.8

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B28: CSET: WL French – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2004-18

CSET: WL French	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	43	32	74.4	848	742	87.5
Ethnicity						
African American	1	*	*	48	38	79.2
Asian American	1	*	*	45	39	86.7
Hispanic American	5	*	*	64	46	71.9
Native American	0	NA	NA	2	*	*
White, non-Hispanic	27	20	74.1	535	477	89.2
Gender						
Female	36	26	72.2	631	560	88.7
Male	7	*	*	201	166	82.6
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	33	24	72.7	538	465	86.4
To obtain an initial Ed Special teaching credential	0	NA	NA	12	10	83.3
To add an authorization	4	*	*	203	181	89.2
College/University Training						
In California	19	14	73.7	318	272	85.5
Outside of California	11	10	90.9	237	210	88.6
Educational Level						
Fresh/Soph/Jr/Sr College	1	*	*	39	35	89.7
Bachelor's degree + additional credits	17	11	64.7	416	354	85.1
Master's degree or doctoral degree	13	11	84.6	292	262	89.7

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B29: CSET: WL Mandarin – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2004-18

CSET: WL Mandarin	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	74	68	91.9	1,255	1,164	92.7
Ethnicity						
African American	0	NA	NA	1	*	*
Asian American	66	60	90.9	1,011	943	93.3
Hispanic American	0	NA	NA	1	*	*
Native American	0	NA	NA	0	NA	NA
White, non-Hispanic	2	*	*	24	19	79.2
Gender						
Female	70	64	91.4	1,038	966	93.1
Male	3	*	*	187	169	90.4
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	47	42	89.4	778	726	93.3
To obtain an initial Ed Special teaching credential	3	*	*	54	47	87.0
To add an authorization	4	*	*	200	182	91.0
College/University Training						
In California	21	19	90.5	220	186	84.5
Outside of California	19	17	89.5	439	418	95.2
Educational Level						
Fresh/Soph/Jr/Sr College	0	NA	NA	29	25	86.2
Bachelor's degree + additional credits	21	19	90.5	422	380	90.0
Master's degree or doctoral degree	23	22	95.7	563	532	94.5

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B30: CSET: WL Spanish – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2004-18

CSET: WL Spanish	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	304	263	86.5	5,571	4,897	87.9
Ethnicity						
African American	2	*	*	57	49	86.0
Asian American	2	*	*	134	115	85.8
Hispanic American	207	174	84.1	3,362	2,903	86.3
Native American	1	*	*	13	11	84.6
White, non-Hispanic	61	60	98.4	1,337	1,234	92.3
Gender						
Female	219	189	86.3	3,956	3,490	88.2
Male	82	71	86.6	1,556	1,359	87.3
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	251	213	84.9	3,839	3,379	88.0
To obtain an initial Ed Special teaching credential	6	*	*	74	61	82.4
To add an authorization	27	27	100.0	1,124	1,003	89.2
College/University Training						
In California	176	151	85.8	2,901	2,518	86.8
Outside of California	54	48	88.9	856	777	90.8
Educational Level						
Fresh/Soph/Jr/Sr College	19	16	84.2	427	384	89.9
Bachelor's degree + additional credits	156	137	87.8	3,250	2,833	87.2
Master's degree or doctoral degree	50	43	86.0	1,278	1,154	90.3

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix B31: CSET: Writing Skills – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2003-18

CSET: Writing Skills	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	414	346	83.6	10,645	9,023	84.8
Ethnicity						
African American	22	12	54.5	363	273	75.2
Asian American	49	31	63.3	1,054	790	75.0
Hispanic American	85	69	81.2	1,939	1,367	70.5
Native American	1	*	*	49	38	77.6
White, non-Hispanic	216	197	91.2	5,501	5,035	91.5
Gender						
Female	354	298	84.2	8,962	7,591	84.7
Male	54	42	77.8	1,521	1,273	83.7
Reason for Taking the CSET						
To obtain an initial MS/SS teaching credential	307	264	86.0	8,452	7,241	85.7
To obtain an initial Ed Special teaching credential	79	60	75.9	1,084	905	83.5
To add an authorization	1	*	*	121	104	86.0
College/University Training						
In California	287	242	84.3	7,802	6,553	84.0
Outside of California	78	66	84.6	1,554	1,427	91.8
Highest Educational Level						
Fresh/Soph/Jr/Sr College	83	72	86.7	3,999	3,496	87.4
Bachelor's degree + additional credits	193	160	82.9	5,334	4,481	84.0
Master's degree or doctoral degree	26	17	65.4	488	426	87.3

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix C: NES

Appendix C1: NES: Assessment of Professional Knowledge (Elementary and Secondary) – Annual (2017-18) and Cumulative Passing Rates by Demographic and Background Information, 2013-18

NES: Assessment of Professional Knowledge (Elementary and Secondary)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
ALL EXAMINEES	84	810	96%	2,964	2,858	96%
Ethnicity						
African American	47	42	89%	174	164	94%
Asian American	2	*	*	14	14	100%
Hispanic American	75	70	93%	281	256	91%
Native American	188	178	95%	564	536	95%
White, non-Hispanic	426	416	98%	1,528	1,500	98%
Gender						
Female	624	600	96%	2,117	2,048	97%
Male	207	198	96%	808	773	96%
Certification Status						
Seeking admission to educator prep program	149	144	97%	643	617	96%
Completed/completing educator prep program in CA	457	437	96%	1,542	1,491	97%
Completed/completing educator prep program outside CA	137	130	95%	345	330	96%
Completed/completing approved alternative route	80	78	98%	308	305	99%
CA Credentialed educator seeking additional authorization	17	16	94%	78	72	92%
Out of state credentialed educator seeking CA credential	5	*	*	48	43	90%
Best Language						

NES: Assessment of Professional Knowledge (Elementary and Secondary)	Annual N Completed	Annual N Passed	Annual % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
English	827	795	96%	2,921	2,823	97%
Other	18	15	83%	43	35	81%
Educational Level						
High School	14	13	93%	39	37	95%
Some college	240	235	98%	746	730	98%
Bachelor's degree	295	286	97%	1,118	1,082	97%
Bachelor's degree plus additional credits	135	127	94%	502	484	96%
Master's degree	105	98	93%	370	347	94%
Master's degree plus additional credits	48	43	90%	153	143	93%
Doctoral degree	8	*	*	36	35	97%

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix D: RICA

Appendix D1: RICA: Written Exam (WE) and Video Performance Assessment (VPA) Preparation and Demographic Data by Demographic and Background Information, 2013-18

	WE N	WE %	VPA N	VPA %	Total RICA N	Total RICA %
RICA 2013-2018						
ALL EXAMINEES	36,132	100.0	484	100.0	36,251	100.0
Educational Level						
High School diploma	703	1.9	6	1.2	707	2.0
Associate of Arts degree	389	1.1	3	0.6	389	1.1
Bachelor's degree	5,474	15.2	47	9.7	5,484	15.1
Bachelor's degree + additional credits	23,145	64.1	325	67.1	23,241	64.1
Master's degree	2,289	6.3	49	10.1	2,303	6.4
Master's degree + additional credits	1,835	5.1	35	7.2	1,849	5.1
Doctoral degree	139	0.4	1	0.2	140	0.4
Did not respond	2,158	6.0	18	3.7	2,138	5.9
College Grade Point Average						
3.50 to 4.00	16,779	46.4	201	41.5	16,846	46.5
3.00 to 3.49	13,163	36.4	184	38.0	13,211	36.4
2.50 to 2.99	3,339	9.2	68	14.0	3,358	9.3
2.00 to 2.49	362	1.0	10	2.1	363	1.0
Below 2.00	8	0.0	2	0.4	10	0.0
Did not attend college	6	0.0	0	0.0	6	0.0
Did not respond	2,475	6.8	19	3.9	2,457	6.8
Reason for Taking RICA						
Multiple Subject Teaching Credential	25,217	69.8	338	69.8	25,333	69.9
Education Specialist Instruction Credential	7,274	20.1	125	25.8	7,300	20.1
No Response	3,641	10.1	21	4.3	3,618	10.0
Professional Preparation						
Not begun professional preparation	1,576	4.4	30	6.2	1,589	4.4
First year in college/university internship program	4,576	12.7	31	6.4	4,588	12.7
Second year in college/university internship program	3,094	8.6	42	8.7	3,104	8.6
Completed college/university internship program	3,598	10.0	110	22.7	3,625	10.0
First year in district internship program	1,585	4.4	26	5.4	1,590	4.4
Second year in district internship program	1,345	3.7	33	6.8	1,353	3.7
Completed district internship program	866	2.4	22	4.5	869	2.4
Not begun student teaching in non-intern college/university program	2,256	6.2	10	2.1	2,260	6.2

	WE N	WE %	VPA N	VPA %	Total RICA N	Total RICA %
RICA 2013-2018						
Begun student teaching in non-intern college/university program	7,108	19.7	35	7.2	7,128	19.7
Completed student teaching in non-intern college/university program	2,494	6.9	32	6.6	2,498	6.9
Completed Program in non-intern college/university program	3,505	9.7	79	16.3	3,532	9.7
Did not respond	4,129	11.4	34	7.0	4,115	11.4
Preparation for Reading Instruction						
No preparation	2,656	7.4	31	6.4	2,656	7.3
Completed IHE course in Methods of Reading Instruction	23,605	65.3	276	57.0	23,700	65.4
Completed District Internship course	4,564	12.6	89	18.4	4,594	12.7
Observed Reading instruction in a TK-12 school	10,264	28.4	121	25.0	10,298	28.4
Worked with individual students in TK-12 school to improve their Reading skills	9,008	24.9	129	26.7	9,048	25.0
Had daily responsibility for classroom Reading instruction as student teacher or intern	11,322	31.3	186	38.4	11,393	31.4
Student Teaching Assignments						
None	6,007	16.6	81	16.7	6,042	16.7
One	9,185	25.4	113	23.3	9,230	25.5
Two	9,140	25.3	113	23.3	9,161	25.3
Three	2,142	5.9	63	13.0	2,165	6.0
Four or more	1,339	3.7	23	4.8	1,343	3.7
Did not respond	6,007	16.6	81	16.7	6,042	16.7
Grade Level Teaching Experience						
None	2,812	7.8	18	3.7	2,816	7.8
Pre K-2	21,515	59.5	287	59.3	21,597	59.6
Grades 3-5	19,347	53.5	259	53.5	19,420	53.6
Grades 6-8	7,867	21.8	139	28.7	7,903	21.8
Grades 9-12	3,309	9.2	79	16.3	3,334	9.2
Best Language of Communication						
English	33,723	93.3	449	92.8	33,852	93.4
Spanish	312	0.9	8	1.7	315	0.9
Vietnamese	2	0.0	1	0.2	3	0.0
Cantonese	15	0.0	0	0.0	15	0.0
Hmong	5	0.0	0	0.0	5	0.0
Other	131	0.4	8	1.7	135	0.4
Did not respond	1,944	5.4	18	3.7	1,926	5.3

	WE N	WE %	VPA N	VPA %	Total RICA N	Total RICA %
RICA 2013-2018						
First Language of Communication						
English only	25,155	69.6	333	68.8	25,256	69.7
English and one or more other languages	5,985	16.6	86	17.8	6,003	16.6
One or more languages other than English	2,890	8.0	47	9.7	2,908	8.0
Did not respond	2,102	5.8	18	3.7	2,084	5.7
Gender						
Male	5,702	15.8	122	25.2	5,723	15.8
Female	30,007	83.0	360	74.4	30,104	83.0
Did not respond	423	1.2	2	0.4	424	1.2
Ethnicity						
African American/Black	1,112	3.1	35	7.2	1,118	3.1
Asian American/Asian	1,629	4.5	14	2.9	1,634	4.5
Filipino	677	1.9	6	1.2	679	1.9
Southeast Asian American	586	1.6	8	1.7	586	1.6
Pacific Island American	120	0.3	3	0.6	120	0.3
Mexican American or Chicano	5,972	16.5	93	19.2	5,992	16.5
Latino, Latin American, Puerto Rican, Hispanic	2,303	6.4	41	8.5	2,314	6.4
Native American, American Indian	209	0.6	5	1.0	212	0.6
White, non-Hispanic	18,008	49.8	221	45.7	18,065	49.8
Other	1,617	4.5	33	6.8	1,628	4.5
Did not respond	3,899	10.8	25	5.2	3,903	10.8

Appendix D2: RICA (Written & VPA combined) First-time and Cumulative Passing Rates by Demographic and Background Information, 2013-18

	First-Time N Completed	First-Time N Passed	First-Time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
RICA 2013-2018						
ALL EXAMINEES	36,251	23,862	65.8	36,251	32,652	90.1
Educational Level						
High School diploma	838	558	66.6	707	653	92.4
Associate of Arts degree	475	263	55.4	389	335	86.1
Bachelor's degree	6,044	3,841	63.6	5,484	5,000	91.2
Bachelor's degree + additional credits	23,527	15,751	66.9	23,241	21,055	90.6
Master's degree	1,819	1,155	63.5	2,303	1,966	85.4
Master's degree + additional credits	1,747	1,179	67.5	1,849	1,615	87.3

RICA 2013-2018	First-Time N Completed	First- Time N Passed	First- Time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
Doctoral degree	134	108	80.6	140	127	90.7
Did not respond	1,667	1,007	60.4	2,138	1,901	88.9
College Grade Point Average						
3.50 to 4.00	16,624	12,120	72.9	16,846	15,550	92.3
3.00 to 3.49	13,582	8,397	61.8	13,211	11,752	89.0
2.50 to 2.99	3,631	1,899	52.3	3,358	2,837	84.5
2.00 to 2.49	371	185	49.9	363	301	82.9
Below 2.00	9	4	44.4	10	10	100.0
Did not attend college	3	2	66.7	6	5	83.3
Did not respond	2,031	1,255	61.8	2,457	2,197	89.4
Reason for Taking RICA						
Multiple Subject Teaching Credential	25,616	17,492	68.3	25,333	23,021	90.9
Education Specialist Instruction Credential	7,305	4,336	59.4	7,300	6,361	87.1
No Response	3,330	2,034	61.1	3,618	3,270	90.4
Professional Preparation						
Not begun Professional Preparation	1,734	873	50.3	1,589	1,294	81.4
First year in college/university internship program	5,264	3,579	68.0	4,588	4,256	92.8
Second year in Program college/university internship program	3,273	2,118	64.7	3,104	2,831	91.2
Completed college/university internship program	2,804	1,757	62.7	3,625	3,140	86.6
First year in district internship program	1,760	1,031	58.6	1,590	1,413	88.9
Second year in district internship program	1,220	737	60.4	1,353	1,179	87.1
Completed district internship program	605	367	60.7	869	728	83.8

RICA 2013-2018	First-Time N Completed	First- Time N Passed	First- Time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
Not begun student teaching in non-intern college/university program	2,771	1,858	67.1	2,260	1,996	88.3
Begun student teaching in non-intern college/university program	8,355	6,077	72.7	7,128	6,851	96.1
Completed student teaching in non-intern college/university program	2,294	1,501	65.4	2,498	2,241	89.7
Completed non-intern college/university program	2,561	1,712	66.8	3,532	3,067	86.8
Did not respond	3,610	2,252	62.4	4,115	3,656	88.8
Preparation for Reading Instruction						
No preparation	2,570	1,452	56.5	2,656	2,211	83.2
Completed IHE course in Methods of Reading Instruction	24,213	16,662	68.8	23,700	21,713	91.6
Completed District Internship course	4,691	2,924	62.3	4,594	4,088	89.0
Observed Reading instruction in a TK-12 school	10,972	7,578	69.1	10,298	9,498	92.2
Worked with individual students in TK-12 school to improve their Reading skills	9,636	6,696	69.5	9,048	8,325	92.0
Had daily responsibility for classroom Reading instruction as	11,874	8,260	69.6	11,393	10,563	92.7

RICA 2013-2018	First-Time N Completed	First- Time N Passed	First- Time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
student teacher or intern						
Student Teaching Assignments						
None	7,113	4,447	62.5	6,042	5,296	87.7
One	9,632	6,651	69.1	9,230	8,525	92.4
Two	8,201	5,602	68.3	9,161	8,341	91.0
Three	1,970	1,356	68.8	2,165	1,951	90.1
Four or more	1,409	864	61.3	1,343	1,168	87.0
Did not respond	3,162	2,004	63.4	5,201	4,683	90.0
Grade Level Teaching Experience						
None	3,397	2,064	60.8	2,816	2,433	86.4
Pre K-2	21,559	14,727	68.3	21,597	19,733	91.4
Grades 3-5	19,089	12,963	67.9	19,420	17,704	91.2
Grades 6-8	7,749	4,958	64.0	7,903	7,017	88.8
Grades 9-12	3,341	1,888	56.5	3,334	2,833	85.0
Best Language of Communication						
English	34,296	22,750	66.3	33,852	30,573	90.3
Spanish	284	126	44.4	315	241	76.5
Vietnamese	5	1	20.0	3	2	66.7
Cantonese	16	10	62.5	15	12	80.0
Hmong	7	3	42.9	5	3	60.0
Other	136	78	57.4	135	111	82.2
Did not respond	1,507	894	59.3	1,926	1,710	88.8
First Language of Communication						
English only	25,461	17,664	69.4	25,256	23,160	91.7
English and one or more other languages	6,214	3,583	57.7	6,003	5,194	86.5
One or more languages other than English	2,950	1,646	55.8	2,908	2,453	84.4
Did not respond	1,626	969	59.6	2,084	1,845	88.5
Gender						
Male	5,723	3,001	52.4	5,723	4,818	84.2
Female	30,104	20,521	68.2	30,104	27,445	91.2
Did not respond	424	340	80.2	424	389	91.7

RICA 2013-2018	First-Time N Completed	First- Time N Passed	First- Time % Passed	Cumulative N Completed	Cumulative N Passed	Cumulative % Passed
Ethnicity						
African American/Black	1,118	604	54.0	1,118	923	82.6
Asian American/Asian	1,634	1,174	71.8	1,634	1,478	90.5
Filipino	679	438	64.5	679	614	90.4
Southeast Asian American	586	379	64.7	586	536	91.5
Pacific Island American	120	63	52.5	120	100	83.3
Mexican American or Chicano	5,992	3,189	53.2	5,992	5,051	84.3
Latino, Latin American, Puerto Rican, Hispanic	2,314	1,292	55.8	2,314	1,969	85.1
Native American, American Indian	212	122	57.5	212	190	89.6
White, non- Hispanic	18,065	12,774	70.7	18,065	16,696	92.4
Other	1,628	1,012	62.2	1,628	1,412	86.7
Did not respond	3,903	2,815	72.1	3,903	3,683	94.4

**Note: Pass rates are not reported for exams with fewer than ten candidates*

Appendix E: CPACE

Appendix E1: CPACE (Content and Performance Combined) Annual (2017-18) and Cumulative (2015-18) Passing Rates

CPACE 2015-2018	Annual N Completed	Annual Passed	Annual % Passed	Cumulative N Completed	Cumulative Passed	Cumulative % Passed
ALL EXAMINEES	1,039	382	36.8	2,570	1,183	46.0
Ethnicity						
Not Specified	81	36	44.4	313	158	50.5
African American/Black	75	16	21.3	157	48	30.6
Japanese American/Japanese	9	*	*	22	11	50.0
Chinese American/Chinese	11	4	36.4	33	14	42.4
Korean American/Korean	14	2	14.3	30	12	40.0
Filipino American/Filipino	19	6	31.6	40	15	37.5
Laotian American/Laotian	0	NA	NA	1	*	*
Vietnamese American/Vietnamese	6	*	*	11	5	45.5
Other SE Asian Amer/SE Asian	4	*	*	8	*	*
Asian Indian American/Asian Indian	8	*	*	23	13	56.5
Hawaiian	2	*	*	3	*	*
Guamanian	1	*	*	3	*	*
Other Pacific Islander Amer/Other Pacific Islander	2	*	*	3	*	*
Mexican American/Chicano	102	27	26.5	235	89	37.9
Latino/Latino American/Puerto Rican/Other Hispanic	54	15	27.8	128	41	32.0
Native Amer/Amer Indian/Alaskan Native	8	*	*	17	6	35.3

CPACE 2015-2018	Annual N Completed	Annual Passed	Annual % Passed	Cumulative N Completed	Cumulative Passed	Cumulative % Passed
White (non-Hispanic)	601	246	40.9	1,447	726	50.2
Other	42	17	40.5	95	39	41.1
Gender						
Female	784	297	37.9	1,932	935	48.4
Male	243	81	33.3	602	233	38.7
No Response	12	4	33.3	36	15	41.7
First Language						
No response	19	7	36.8	91	43	47.3
English only	838	329	39.3	2,056	986	48.0
English and one or more other languages	138	37	26.8	322	126	39.1
One or more languages other than English	44	9	20.5	101	28	27.7
Education Level						
No response	23	11	47.8	112	52	46.4
Bachelor's	9	*	*	17	11	64.7
Bachelor's and additional credits	108	37	34.3	326	128	39.3
Master's	236	86	36.4	585	272	46.5
Master's and additional credits	572	212	37.1	1,318	614	46.6
Doctorate	91	32	35.2	212	106	50.0
Years Since Schooling						
No response	24	10	41.7	111	51	45.9
Currently attending college or graduate school	89	31	34.8	225	99	44.0
Less than 1 year	70	24	34.3	178	77	43.3
1-3 years	156	62	39.7	371	171	46.1
4-6 years	215	78	36.3	534	258	48.3
7-10 years	201	67	33.3	490	224	45.7
More than 10 years	284	110	38.7	661	303	45.8
College Grade Point Average						
No response	31	13	41.9	136	66	48.5
3.5 to 4.0	628	250	39.8	1,501	747	49.8
3.0 to 3.49	295	98	33.2	739	308	41.7
2.5 to 2.99	76	19	25.0	176	55	31.3

CPACE 2015-2018	Annual N Completed	Annual Passed	Annual % Passed	Cumulative N Completed	Cumulative Passed	Cumulative % Passed
2.0 to 2.49	9	*	*	17	7	41.2
Credential Types						
Elementary Teaching	304	112	36.8	736	351	47.7
Secondary Teaching	292	109	37.3	756	360	47.6
Special Education	133	46	34.6	278	120	43.2
Designated Subjects Teaching	15	6	40.0	23	8	34.8
Pupil Personnel Services	79	28	35.4	205	86	42.0
Speech-Language Pathology Services	6	*	*	13	7	53.8
Clinical or Rehabilitative Services	0	NA	NA	5	*	*
Child Development Permit	1	*	*	1	*	*
Employment Status						
No response	31	11	35.5	133	54	40.6
Elementary school	241	85	35.3	537	242	45.1
Middle school	104	37	35.6	282	122	43.3
Secondary school	227	85	37.4	584	261	44.7
Adult education	22	4	18.2	38	9	23.7
School district level	217	84	38.7	492	251	51.0
County Office of Education level	33	9	27.3	100	48	48.0
Employed in another educational setting	26	10	38.5	73	33	45.2
Employed, but not in an educational setting	2	*	*	5	*	*
Unemployed	3	*	*	15	8	53.3
K-8 school	57	21	36.8	121	51	42.1
Charter School	69	31	44.9	176	93	52.8
Continuation School	7	*	*	14	6	42.9
Education Assignment						
No response	35	12	34.3	139	63	45.3

CPACE 2015-2018	Annual N Completed	Annual Passed	Annual % Passed	Cumulative N Completed	Cumulative Passed	Cumulative % Passed
General education teacher	405	150	37.0	1,005	450	44.8
Special education teacher	119	31	26.1	275	106	38.5
Adult or vocational education teacher	11	2	18.2	33	10	30.3
Program coordinator	190	77	40.5	445	224	50.3
Consultant	18	6	33.3	42	18	42.9
Counselor	36	15	41.7	105	37	35.2
Librarian	1	*	*	6	*	*
Nurse	1	*	*	5	*	*
Psychologist	42	14	33.3	103	42	40.8
Speech pathologist	8	*	*	16	8	50.0
Other non-administrative public school position	164	67	40.9	368	207	56.3
Currently not in an education assignment	9	*	*	28	16	57.1
Experience as an Educator						
No response	24	10	41.7	112	51	45.5
less than 3 years	15	5	33.3	29	9	31.0
3-5 years	93	32	34.4	209	90	43.1
6-10 years	265	109	41.1	719	371	51.6
11 or more years	642	226	35.2	1,501	662	44.1
Experience Related to Administration						
California public school (TK-12)	215	88	40.9	547	252	46.1
Out-of-state public school (TK-12)	2	*	*	10	5	50.0
Private school (TK-12)	18	5	27.8	41	16	39.0
Non-educational administrative experience	39	7	17.9	72	14	19.4
No administrative experience	148	47	31.8	330	136	41.2

CPACE 2015-2018	Annual N Completed	Annual Passed	Annual % Passed	Cumulative N Completed	Cumulative Passed	Cumulative % Passed
Mentor/master teacher or support provider	82	24	29.3	174	75	43.1
Teacher on special assignment	95	37	38.9	176	83	47.2
Program coordinator or director	71	24	33.8	131	51	38.9
School Administration Related Coursework						
No response	46	21	45.7	207	100	48.3
1-6 semester credit hours	148	50	33.8	375	165	44.0
7-15 semester credit hours	67	28	41.8	154	66	42.9
16-24 semester credit hours	35	7	20.0	84	33	39.3
25 or more semester credit hours	101	30	29.7	223	84	37.7
None	642	246	38.3	1,527	735	48.1

**Note: Pass rates are not reported for exams with fewer than ten candidates*