

CAHSEE May 2010 Administration

- Table 1: CAHSEE Conditional Standard Errors of Measurement (CSEMs):
 - (CSEM at the passing score for English-Language Arts was 8 points.)
 - (CSEM at the passing score for Mathematics was 8 points.)

- Table 2: CAHSEE Raw Score to Scale Score Conversions:
ELA Passing Score 350

- Table 3: CAHSEE Raw Score to Scale Score Conversions:
Mathematics Passing Score 350

- Table 4: Average Percent Correct at Passing: ELA
 - Question Weight for ELA:MC (72 x 1.00) + CR (4 x 4.50) = 90 Total Raw Score Points

- Table 5: Average Percent Correct at Passing: Mathematics

Table 1: CAHSEE CSEMs May 2010			
ELA Scale Score	CSEM	Math Scale Score	CSEM
450	23	450	19
440	17	440	16
430	17	430	14
420	14	420	12
410	13	410	11
400	12	400	10
390	11	390	9
380	10	380	9
370	9	370	8
360	9	360	8
350	8	350	8
340	8	340	8
330	8	330	8
320	9	320	8
310	9	310	8
300	10	300	9
290	10	290	10
280	11	280	11
275	12	275	12

**Table 2: CAHSEE Raw Score to Scale Score Conversions
ELA, May 2010**

Raw Score	Scale Score	Raw Score	Scale Score
90	450	44	331
89	450	43	330
88	450	42	328
87	450	41	326
86	450	40	324
85	448	39	322
84	441	38	320
83	434	37	318
82	429	36	316
81	424	35	315
80	419	34	313
79	415	33	311
78	411	32	309
77	407	31	307
76	403 (Advanced)	30	305
75	400	29	303
74	397	28	301
73	394	27	299
72	391	26	297
71	388	25	295
70	385	24	293
69	383	23	291
68	380 (Proficient)	22	289
67	378	21	287
66	376	20	285
65	373	19	283
64	371	18	281
63	369	17	279
62	367	16	277
61	364	15	275
60	362	14	275
59	360	13	275
58	358	12	275
57	356	11	275
56	354	10	275
55	352	9	275
54	350 (Pass)	8	275
53	348	7	275
52	346	6	275
51	345	5	275
50	343	4	275
49	341	3	275
48	339	2	275
47	337	1	275
46	335	0	275
45	333		

**Table 3: CAHSEE Raw Score to Scale Score Conversions
Mathematics, May 2010**

Raw Score	Scale Score	Raw Score	Scale Score
80	450	39	343
79	450	38	341
78	450	37	339
77	450	36	337
76	446	35	335
75	438	34	334
74	431	33	332
73	426 (Advanced)	32	330
72	421	31	328
71	416	30	326
70	412	29	324
69	408	28	322
68	405	27	320
67	402	26	318
66	399	25	316
65	396	24	314
64	393	23	312
63	390	22	310
62	388	21	308
61	385	20	306
60	383	19	303
59	381 (Proficient)	18	301
58	378	17	298
57	376	16	296
56	374	15	293
55	372	14	290
54	370	13	287
53	368	12	284
52	366	11	280
51	364	10	277
50	362	9	275
49	360	8	275
48	359	7	275
47	357	6	275
46	355	5	275
45	353	4	275
44	351	3	275
43	350 (Pass)	2	275
42	348	1	275
41	346	0	275
40	344		

**Table 4: Number of Test Questions per Strand and Average Percent Correct at Passing¹, May 2010 Administration
ELA**

	Number of Items	SEM (Based on raw Score)	Average % Correct at Passing
Word Analysis	7	1.16	71%
Reading Comprehension	18	1.93	59%
Literary Responses and Analysis	20	2.01	65%
Writing Conventions	15	1.69	64%
Writing Strategies	12	1.54	49%
Writing Applications (Essay)	1	2.37	
Total (Multiple-Choice Questions)	72	3.80	
Composite (Multiple-Choice + Essay)	73	4.48	

**Table 5: Number of Test Questions per Strand and Average Percent Correct at Passing¹, May 2010 Administration
Mathematics**

	Number of Items	SEM (Based on raw Score)	Average % Correct at Passing
Number Sense	17	1.86	57%
Algebra and Functions	20	2.04	58%
Measurement and Geometry	18	1.87	49%
Probability and Statistics	13	1.63	62%
Algebra 1	12	1.56	39%
Total	80	4.06	

¹ Average Percent Correct at passing for each strand is calculated based only on those students whose scale score was 350 for ELA and 350 for Mathematics.