

California Critical Thinking Skills Test (CCTST) Performance Report 2006-2007

Distribution by College

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
<i>THEC</i>	<i>600</i>	<i>19.45</i>	<i>68-74</i>	<i>20.00</i>	<i>19.47</i>	<i>5.03</i>	<i>0.21</i>	<i>4</i>	<i>32</i>	<i>16</i>	<i>23</i>
Colleges											
Agricultural Sciences and Natural Resources	95	19.26	68-74	20.00	19.29	4.64	0.48	9	31	16	22
	36	19.56	68-74	20.00	19.56	4.44	0.74	10	31	16	22
Architecture and Design	74	19.76	68-74	20.00	19.81	4.21	0.49	11	29	17	23
	12	17.83	54-61	17.50	17.70	5.73	1.66	11	26	12	23
Arts and Sciences	262	20.28	74-79	20.00	20.36	5.09	0.31	4	32	17	24
	240	20.39	74-79	20.50	19.42	4.52	0.33	4	32	17	24
Business Administration	315	19.75	68-74	20.00	19.82	4.80	0.27	0	32	17	23
	114	19.47	68-74	20.00	19.42	4.52	0.42	10	29	16	23
Communication and Information	68	18.81	61-68	18.00	18.71	4.36	0.53	10	29	16	22
	54	18.91	61-68	18.00	18.81	4.45	0.61	10	29	16	22
Education, Health and Human Sciences	92	17.85	54-61	17.00	17.75	4.66	0.49	8	29	15	20
	72	17.82	54-61	17.50	17.67	4.61	0.54	9	29	15	21
Engineering	110	19.19	68-74	20.00	19.33	6.20	0.59	5	30	14	24
	48	18.56	61-68	18.00	18.55	6.59	0.95	8	30	13	24
Nursing	93	19.01	68-74	19.00	18.99	4.13	0.43	10	31	16	22
	18	19.33	68-74	20.00	19.44	4.06	0.96	11	26	17	22
Social Work	17	17.06	54-61	18.00	17.18	4.85	1.18	7	25	14	20
	6	15.50	38-46	16.00	15.50	4.64	1.89	7	20	13	19

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Distribution for the College of Agriculture Sciences & Natural Resources

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
*College	95	19.26	68-74	20.00	19.29	4.64	0.48	9	31	16	22
<u>Majors</u>											
Agricultural Economics & Business	16	19.81	68-74	20.00	19.90	4.25	1.06	13	25	15	24
Animal Science	46	19.28	68-74	19.00	19.27	4.54	0.67	9	31	16	22
Biosystems Engineering	5	23.00	88	23.00	23.00	1.00	0.45	22	24	22	24
Environmental & Soil Sciences	4	18.75	61-68	19.00	18.78	5.32	2.66	12	25	12	19
Forestry	8	15.63	38-46	17.00	15.64	4.27	1.51	9	22	10	17
Plant Sciences & Landscape Systems	6	22.50	84-88	21.00	22.56	5.79	2.36	15	29	17	28
Wildlife & Fisheries Science	10	17.60	54-61	17.00	17.67	4.35	1.38	10	24	15	21

* College "N" is included in the university "N"

†Note enough cases to compute

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Distribution for the College of Architecture and Design

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
*College	74	19.76	68-74	20.00	19.81	4.21	0.49	11	29	17	23
<u>Majors</u>											
Architecture	63	20.02	74-79	20.00	20.09	4.26	0.54	11	29	17	23
Interior Design	11	18.27	61-68	18.00	18.19	3.77	1.14	13	25	16	20

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Distribution for the College of Arts and Sciences

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
*College	262	20.28	74-79	20.00	20.36	5.09	0.31	4	32	17	24
<u>Majors</u>											
Art History	4	19.00	68	20.00	19.17	3.37	1.68	14	21	14	21
Audiology	1	†	†	†	†	†	†	†	†	†	†
Biological Sciences	7	25.57	93-95	26.00	25.63	1.40	0.53	23	27	25	26
Chemistry	18	21.83	79-84	22.00	21.93	3.17	0.75	15	27	19	25
College Scholars	1	†	†	†	†	†	†	†	†	†	†
Computer Science	14	23.29	88-91	23.00	23.43	4.16	1.11	15	29	22	27
Economics	1	†	†	†	†	†	†	†	†	†	†
English	12	20.50	74-79	18.00	20.50	5.58	1.61	12	29	16	25
Geography	31	20.45	78-79	20.00	20.35	4.40	0.79	12	31	18	23
Geology	8	21.25	79-84	20.00	21.22	2.77	0.98	18	25	18	22
Graphic Design	14	18.86	61-68	18.00	18.95	3.59	0.96	11	25	17	21

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Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
*College	262	20.28	74-79	20.00	20.36	5.09	0.31	4	32	17	24
<u>Majors</u>											
History	4	22.00	84	20.00	22.11	5.60	2.80	15	27	15	26
Interdisciplinary Programs	11	17.36	54-61	18.00	17.57	5.90	1.78	6	25	11	20
Mathematics	2	24.50	91-93	21.00	†	4.95	3.50	21	28	21	28
Music	30	19.97	68-74	20.00	19.87	5.40	0.99	10	32	16	23
Philosophy	2	24.50	91-93	22.00	†	3.54	2.50	22	27	22	27
Physics	9	23.89	91-93	23.00	23.93	4.68	1.56	18	29	20	28
Political Science	6	21.33	79-84	21.00	21.37	6.89	2.81	12	30	15	27
Psychology	17	20.18	74-79	20.00	20.20	4.26	1.03	13	27	16	23
Religious Studies	6	20.00	74	18.00	20.11	5.83	2.38	12	26	15	25
Sociology	39	17.72	54-61	17.00	17.74	5.99	0.96	4	32	14	22
Speech Pathology	1	†	†	†	†	†	†	†	†	†	†
Studio Art	9	20.78	74-79	20.00	20.70	5.22	1.74	14	29	16	26
Theatre	15	18.93	61-68	19.00	18.81	4.88	1.26	10	30	17	21

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Distribution for College of Business Administration

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
*College	315	19.75	68-74	20.00	19.82	4.80	0.27	0	32	17	23
<u>Majors</u>											
Accounting	54	21.50	79-84	23.00	21.76	5.45	0.74	0	32	19	25
Business Studies	12	19.67	68-74	19.00	19.52	5.12	1.48	12	30	15	21
Economics	2	25.00	93	22.00	†	4.24	3.00	22	28	22	28
Finance	78	19.36	68-74	20.00	19.40	4.93	0.56	6	29	16	23
Human Resource Development	5	20.80	74-79	21.00	20.78	1.79	0.80	19	23	19	22
Logistics and Transportation	59	18.86	61-68	19.00	19.00	5.53	0.72	5	29	14	23
Management	21	19.67	68-74	20.00	19.63	2.39	0.52	15	25	18	21
Marketing	73	19.47	68-74	20.00	19.48	3.74	0.44	11	27	16	22
Public Administration	7	19.29	68-74	20.00	19.43	4.31	1.63	11	25	18	20
Statistics	4	19.25	68-74	16.00	19.00	7.46	3.73	13	30	13	18

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Distribution for College of Communication and Information

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
*College	68	18.81	61-68	18.00	18.71	4.36	0.53	10	29	16	22
<u>Majors</u>											
Advertising	36	17.97	54-61	18.00	17.69	4.16	0.69	12	29	14	20
Electronic Media	11	19.27	68-74	18.00	19.36	4.90	1.48	10	27	17	22
Journalism	20	20.35	74-79	20.00	20.44	4.08	0.91	11	28	18	23
Speech Communication	1	†	†	†	†	†	†	†	†	†	†

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Distribution for College of Education, Health and Human Sciences

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
*College	92	17.85	54-61	17.00	17.75	4.66	0.49	8	29	15	20
<u>Majors</u>											
Art Education (Interdisciplinary)	1	†	†	†	†	†	†	†	†	†	†
Child and Family Studies	8	17.00	54	16.00	16.94	3.93	1.39	12	23	12	19
Child Development	14	17.07	54-61	17.00	17.02	3.08	0.82	12	23	15	19
Family Studies	25	15.72	38-46	16.00	15.62	4.34	0.87	8	25	13	18
Nutrition	25	19.84	68-74	19.00	19.86	5.01	1.00	11	28	15	23
Special Education	19	18.79	61-68	18.00	18.60	4.92	1.13	12	29	15	21

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Distribution for College of Engineering

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
*College	110	19.19	68-74	20.00	19.33	6.20	0.59	5	30	14	24
<u>Majors</u>											
Aerospace Engineering	10	18.80	61-68	17.00	18.67	6.25	1.98	11	29	13	24
Biomedical Engineering	13	21.85	79-84	22.00	21.88	2.88	0.80	16	27	20	24
Chemical Engineering	15	21.07	79-84	23.00	21.35	5.69	1.47	9	28	17	24
Civil Engineering	22	11.36	12-18	10.00	11.18	4.392	0.936	5	21	8	13
Mechanical Engineering	49	21.49	79-84	22.00	21.61	4.85	0.69	10	30	18	25

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Distribution for College of Nursing

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
<i>*College</i>	93	19.01	68-74	19.00	18.99	4.13	0.43	10	31	16	22
<u>Major</u>											
Nursing	93	19.01	68-74	19.00	18.99	4.13	0.43	10	31	16	22

* College "N" is included in the university "N"

†Note enough cases to compute

California Critical Thinking Skills Test (CCTST) Performance Report 2006-2007

Distribution for College of Social Work

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
<i>*College</i>	<i>17</i>	<i>17.06</i>	<i>54-61</i>	<i>18.00</i>	<i>17.18</i>	<i>4.85</i>	<i>1.18</i>	<i>7</i>	<i>25</i>	<i>14</i>	<i>20</i>
<u>Major</u>											
Social Work	17	17.06	54-61	18.00	17.18	4.85	1.18	7	25	14	20

* College "N" is included in the university "N"

†Note enough cases to compute

California Critical Thinking Skills Test (CCTST) Performance Report 2006-2007

Comparison between 2005-2006 and 2006-2007

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2005-2006	1115	18.73	61-67	19.00	18.77	4.90	0.15	4	32	15	22
University 2006-2007	1126	19.46	68-74	20.00	19.52	4.92	0.15	0	32	16	23
Colleges											
Agricultural Sciences and Natural Resources	85	19.08	67-73	18.00	19.03	4.58	0.50	9	29	15	22
	95	19.26	68-74	20.00	19.29	4.64	0.48	9	31	16	22
Architecture and Design	49	20.69	73-79	21.00	20.76	4.37	0.62	9	30	18	23
	74	19.76	68-74	20.00	19.81	4.21	0.49	11	29	17	23
Arts and Sciences	338	18.26	61-67	18.00	18.23	4.73	0.26	6	30	15	22
	262	20.28	74-79	20.00	20.36	5.09	0.31	4	32	17	24
Business Administration	273	20.28	73-79	20.00	20.31	4.32	0.26	5	32	17	24
	315	19.75	68-74	20.00	19.82	4.80	0.27	0	32	17	23
Communication and Information	74	18.30	61-67	18.00	18.26	4.60	0.54	7	30	15	21
	68	18.81	61-68	18.00	18.71	4.36	0.53	10	29	16	22
Education, Health and Human Sciences	184	16.37	46-54	17.00	16.29	5.47	0.40	4	31	12	20
	92	17.85	54-61	17.00	17.75	4.66	0.49	8	29	15	20
Engineering	63	20.78	73-79	21.00	20.95	4.74	0.60	8	31	18	24
	110	19.19	68-74	20.00	19.33	6.20	0.59	5	30	14	24
Nursing	23	19.70	67-73	19.00	19.52	3.57	0.75	15	28	17	22
	93	19.01	68-74	19.00	18.99	4.13	0.43	10	31	16	22
Social Work	25	16.08	46-54	16.00	16.10	3.73	0.75	9	23	13	19
	17	17.06	54-61	18.00	17.18	4.85	1.18	7	25	14	20

* College "N" is included in the university "N"

†Note enough cases to compute

Glossary of Terms

- N:** The *Sample*, or N , is composed of randomly selected students from senior level classes in either specific majors for some colleges or all students from other colleges. The THEC report will be equivalent to the percentage of students who have graduated from each college in the five years preceding the cycle. The InSight Assessment/CCTST CapScore office will select the THEC sample.
- Pct:** The *Percentile* score is based on the mean score earned.
- Tr Mean:** The *Trimmed Mean* is used to remove the effect of unusually high or low scores. The data is sorted from highest to lowest scores, and then 5% of the data is trimmed off the top and bottom of the sample range.
- St Dev:** The *Standard Deviation* is a measure of the spread of the values within a data set. The smaller the standard deviation, the closer the values are to the mean.
- SE Mean:** The *Standard Error of the Mean* is used to depict how accurate we might assume the sample's mean actually may be, compared with the true population mean. We can be 95% certain that the true population mean is within the range of the sample mean plus or minus 2 SE Mean.
- Min:** The *Minimum* number of questions which a student (or students in the selected group) answered correctly.
- Max:** The *Maximum* number of questions which a student (or students in the selected group) answered correctly.
- Q1:** *Q1 (the First Quartile)* is the point at which 75% of the students scored higher and 25% of the students scored lower.
- Q3:** *Q3 (the Third Quartile)* is the point at which 25% of the students scored higher and 75% of the students scored lower. By this rationale, Q2 (or the Second Quartile) is the Median.