

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### Distribution by College

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
<i>THEC</i>	<i>600</i>	<i>19.90</i>	<i>68-74</i>	<i>20.00</i>	<i>19.94</i>	<i>5.00</i>	<i>0.20</i>	<i>5</i>	<i>34</i>	<i>17</i>	<i>23</i>
<b>Colleges</b>											
<b>Agricultural Sciences and Natural Resources</b>	88	18.83	61-67	20.00	18.87	5.52	0.59	6	33	15	22
	36	18.36	61-67	17.50	18.31	4.91	0.82	9	29	15	22
<b>Architecture and Design</b>	41	18.10	61-67	19.00	18.33	4.74	0.74	5	27	14	22
	12	16.58	46-54	17.50	17.00	5.16	1.49	5	24	13	20
<b>Arts and Sciences</b>	266	20.35	73-79	20.00	20.46	5.62	0.34	0	34	17	24
	240	20.28	73-79	20.00	20.31	5.23	0.34	8	34	17	23
<b>Business Administration</b>	163	20.28	73-79	20.00	20.38	4.81	0.38	9	29	17	24
	114	20.11	73-79	20.00	20.24	5.05	0.47	9	29	17	24
<b>Communication and Information</b>	80	18.72	61-67	19.00	18.71	3.79	0.42	10	31	16	21
	54	18.78	61-67	19.00	18.75	4.17	0.57	10	31	16	22
<b>Education, Health and Human Sciences</b>	219	18.70	61-67	19.00	18.76	4.42	0.30	7	31	16	22
	72	19.10	67-73	119.00	19.14	4.67	0.55	8	31	17	22
<b>Engineering</b>	157	22.06	83-87	23.00	22.23	4.98	0.40	7	31	18	26
	48	21.71	79-83	22.50	21.84	4.67	0.67	10	30	18	25
<b>Nursing</b>	99	20.38	73-79	20.00	20.36	4.06	0.41	12	30	18	23
	18	20.94	73-79	20.00	21.06	3.77	0.89	13	27	19	24
<b>Social Work</b>	20	18.00	61-67	19.00	18.11	4.78	1.07	8	26	14	21
	6	18.83	61-67	20.00	18.83	5.12	2.09	12	26	14	22

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### Distribution for the College of Agriculture Sciences & Natural Resources

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
*College	88	18.83	61-67	20.00	18.87	5.52	0.59	6	33	15	22
<b><u>Majors</u></b>											
<b>Agricultural Economics &amp; Business</b>	12	17.83	54-61	17.00	17.70	5.65	1.63	9	29	13	20
<b>Animal Science</b>	55	18.02	61-67	18.00	18.10	5.24	0.71	6	29	15	21
<b>Biosystems Engineering</b>	5	24.20	91-93	23.00	24.22	2.68	1.20	21	27	21	27
<b>Environmental &amp; Soil Sciences</b>	5	23.00	87-91	24.00	23.11	4.84	3.51	11	33	11	24
<b>Forestry</b>	8	18.5	61-67	17.00	18.56	5.48	1.94	9	27	15	22
<b>Wildlife &amp; Fisheries Science</b>	3	22.67	83-87	24.00	†	2.31	1.33	20	24	20	24

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

†Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### Distribution for the College of Architecture and Design

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
*College	41	18.10	61-67	19.00	18.33	4.74	0.74	5	27	14	22
<b><u>Majors</u></b>											
<b>Architecture</b>	33	18.21	61-67	19.00	18.46	4.78	0.83	5	27	14	22
<b>Interior Design</b>	8	17.62	54-61	16.00	17.58	4.87	1.72	12	24	13	22

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 †Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### Distribution for the College of Arts and Sciences

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
*College	266	20.35	73-79	20.00	20.46	5.62	0.34	0	34	17	24
<b><u>Majors</u></b>											
<b>Anthropology</b>	1	†	†	†	†	†	†	†	†	†	†
<b>Biological Sciences</b>	1	†	†	†	†	†	†	†	†	†	†
<b>College Scholars</b>	1	†	†	†	†	†	†	†	†	†	†
<b>English</b>	76	20.11	73-79	20.00	20.24	4.92	0.56	8	29	17	23
<b>French</b>	10	20.10	73-79	18.00	20.33	5.65	1.79	10	26	16	26
<b>Geology</b>	1	†	†	†	†	†	†	†	†	†	†
<b>German</b>	2	16.50	46-54	8.00	†	12.02	8.50	8	25	8	25
<b>History</b>	43	20.70	73-79	21.00	20.98	6.53	1.00	0	34	16	26
<b>Mathematics</b>	10	25.00	93-95	25.00	25.00	4.74	1.50	15	32	22	30
<b>Music</b>	3	28.33	98.0-98.8	28.00	†	0.58	0.33	28	29	28	28
<b>Philosophy</b>	9	27.22	96-98	29.00	27.47	4.52	1.51	18	32	22	30

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Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
*College	266	20.35	73-79	20.00	20.46	5.62	0.34	0	34	17	24
<b><u>Majors</u></b>											
Political Science	66	19.00	67-73	18.00	19.04	5.60	0.69	6	31	15	23
Psychology	13	19.00	67-73	19.00	18.94	4.71	1.31	13	26	14	23
Sociology	1	†	†	†	†	†	†	†	†	†	†
Spanish	27	19.85	67-73	20.00	19.96	4.53	0.87	10	27	17	23
Theatre	2	18.00	61-67	13.00	†	4.07	5.00	13	23	13	23

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†Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### Distribution for College of Business Administration

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
*College	163	20.28	73-79	20.00	20.38	4.81	0.38	9	29	17	24
<b><u>Majors</u></b>											
<b>Accounting</b>	38	21.58	79-83	22.00	21.78	4.60	0.75	10	29	19	25
<b>Economics</b>	7	20.57	73-79	19.00	20.36	4.58	1.73	16	29	17	21
<b>Finance</b>	37	21.22	79-83	21.00	21.30	4.36	0.72	10	29	18	25
<b>Human Resource Development</b>	1	†	†	†	†	†	†	†	†	†	†
<b>Logistics and Transportation</b>	36	19.31	67-73	19.00	19.45	4.14	0.69	10	26	17	22
<b>Management</b>	16	21.25	79-83	22.00	21.50	6.69	1.67	9	29	14	26
<b>Marketing</b>	23	17.87	54-61	18.00	17.87	4.77	1.00	9	27	14	21
<b>Public Administration</b>	5	19.40	67-73	19.00	19.33	3.21	1.44	16	24	16	21

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†Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### *Distribution for College of Communication and Information*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
*College	80	18.72	61-67	19.00	18.71	3.79	0.42	10	31	16	21
<b><u>Majors</u></b>											
<b>Advertising</b>	54	18.93	61-67	19.00	18.99	3.26	0.44	11	25	17	21
<b>Speech Communication</b>	26	18.31	61-67	18.00	18.12	4.74	0.93	10	31	15	22

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†Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

*Distribution for College of Education, Health and Human Sciences*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
*College	219	18.70	61-67	19.00	18.76	4.42	0.30	7	31	16	22
<b><u>Majors</u></b>											
<b>Child and Family Studies</b>	54	18.28	61-67	18.00	18.23	4.17	0.57	10	28	16	20
<b>Hotel and Restaurant Administration</b>	11	15.91	38-46	16.00	15.84	5.84	1.76	7	26	12	20
<b>Retail and Consumer Sciences</b>	19	17.63	54-61	18.00	17.42	3.18	0.73	14	25	15	19
<b>Exercise Science</b>	45	20.91	73-79	21.00	20.81	3.50	0.52	14	31	18	23
<b>Nutrition</b>	34	18.50	61-67	18.00	18.58	4.88	0.84	8	26	15	23
<b>Recreation and Leisure Studies</b>	10	16.20	46-54	17.00	62.22	3.23	1.02	11	21	13	18
<b>Sport Management</b>	27	18.74	61-67	20.00	18.86	4.97	0.96	7	28	17	22
<b>Special Education</b>	19	19.00	67-73	19.00	19.11	4.44	1.02	9	27	16	20

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†Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### Distribution for College of Engineering

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
*College	157	22.06	83-87	23.00	22.23	4.98	0.40	7	31	18	26
<b><u>Majors</u></b>											
<b>Aerospace Engineering</b>	18	21.94	79-83	22.00	22.10	6.00	1.41	10	31	18	27
<b>Biomedical Engineering</b>	28	21.86	79-83	23.00	22.15	5.82	1.10	7	30	18	25
<b>Chemical Engineering</b>	15	19.53	67-73	20.00	19.54	4.00	1.03	13	26	16	21
<b>Civil Engineering</b>	23	21.83	79-83	23.00	21.91	3.725	0.777	15	27	18	24
<b>Electrical Engineering</b>	6	23.00	87-91	23.00	23.17	3.168	1.291	17	26	23	25
<b>Industrial Engineering</b>	9	18.67	61-67	18.00	18.63	5.454	1.818	12	26	12	22
<b>Mechanical Engineering</b>	58	23.36	87-91	24.00	23.61	4.63	0.61	9	30	20	27

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

†Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### *Distribution for College of Nursing*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
<b><u>Major</u></b>											
<b>Nursing</b>	99	20.38	73-79	20.00	20.36	4.06	0.41	12	30	18	23

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

†Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

### *Distribution for College of Social Work*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
<u>Major</u>											
<b>Social Work</b>	20	18.00	61-67	19.00	18.11	4.78	1.07	8	26	14	21

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

†Note enough cases to compute

## California Critical Thinking Skills Test (CCTST) Performance Report 2007-2008

Comparison between 2006-2007 and 2007-2008

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
University 2007-2008	1133	19.91	68-74	20.00	19.97	5.02	0.15	0	34	17	23
<b>Colleges</b>											
<b>Agricultural Sciences and Natural Resources</b>	95	19.26	68-74	20.00	19.29	4.64	0.48	9	31	16	22
	88	18.83	61-67	20.00	18.87	5.52	0.59	6	33	15	22
<b>Architecture and Design</b>	74	19.76	68-74	20.00	19.81	4.21	0.49	11	29	17	23
	41	18.10	61-67	19.00	18.33	4.74	0.74	5	27	14	22
<b>Arts and Sciences</b>	262	20.28	74-79	20.00	20.36	5.09	0.31	4	32	17	24
	266	20.35	73-79	20.00	20.46	5.62	0.34	0	34	17	24
<b>Business Administration</b>	315	19.75	68-74	20.00	19.82	4.80	0.27	0	32	17	23
	163	20.28	73-79	20.00	20.38	4.81	0.38	9	29	17	24
<b>Communication and Information</b>	68	18.81	61-68	18.00	18.71	4.36	0.53	10	29	16	22
	80	18.72	61-67	19.00	18.71	3.79	0.42	10	31	16	21
<b>Education, Health and Human Sciences</b>	92	17.85	54-61	17.00	17.75	4.66	0.49	8	29	15	20
	219	18.70	61-67	19.00	18.76	4.42	0.30	7	31	16	22
<b>Engineering</b>	110	19.19	68-74	20.00	19.33	6.20	0.59	5	30	14	24
	157	22.06	83-87	23.00	22.23	4.98	0.40	7	31	18	26
<b>Nursing</b>	93	19.01	68-74	19.00	18.99	4.13	0.43	10	31	16	22
	99	20.38	73-79	20.00	20.36	4.06	0.41	12	30	18	23
<b>Social Work</b>	17	17.06	54-61	18.00	17.18	4.85	1.18	7	25	14	20
	20	18.00	61-67	19.00	18.11	4.78	1.07	8	26	14	21

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

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Office of Institutional Research and Assessment

2007-2008

7/23/2008

## 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.