

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>
Colleges											
Agricultural Sciences and Natural Resources	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
Architecture and Design	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
Arts and Sciences	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
Business Administration	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
Communication and Information	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
Education, Health and Human Sciences	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
Engineering	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
Nursing	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
Social Work	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

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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 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
<u>Majors</u>											
Agricultural Economics & Business	12	17.83	54-61	17.00	17.70	5.65	1.63	9	29	13	20
Animal Science	55	18.02	61-67	18.00	18.10	5.24	0.71	6	29	15	21
Biosystems Engineering	5	24.20	91-93	23.00	24.22	2.68	1.20	21	27	21	27
Environmental & Soil Sciences	5	23.00	87-91	24.00	23.11	4.84	3.51	11	33	11	24
Forestry	8	18.5	61-67	17.00	18.56	5.48	1.94	9	27	15	22
Wildlife & Fisheries Science	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

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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 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
<u>Majors</u>											
Architecture	33	18.21	61-67	19.00	18.46	4.78	0.83	5	27	14	22
Interior Design	8	17.62	54-61	16.00	17.58	4.87	1.72	12	24	13	22

* College "N" is included in the university "N"
 †Note enough cases to compute

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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 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
<u>Majors</u>											
Anthropology	1	†	†	†	†	†	†	†	†	†	†
Biological Sciences	1	†	†	†	†	†	†	†	†	†	†
College Scholars	1	†	†	†	†	†	†	†	†	†	†
English	76	20.11	73-79	20.00	20.24	4.92	0.56	8	29	17	23
French	10	20.10	73-79	18.00	20.33	5.65	1.79	10	26	16	26
Geology	1	†	†	†	†	†	†	†	†	†	†
German	2	16.50	46-54	8.00	†	12.02	8.50	8	25	8	25
History	43	20.70	73-79	21.00	20.98	6.53	1.00	0	34	16	26
Mathematics	10	25.00	93-95	25.00	25.00	4.74	1.50	15	32	22	30
Music	3	28.33	98.0-98.8	28.00	†	0.58	0.33	28	29	28	28
Philosophy	9	27.22	96-98	29.00	27.47	4.52	1.51	18	32	22	30

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 †Note enough cases to compute

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
<u>Majors</u>											
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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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
<u>Majors</u>											
Accounting	38	21.58	79-83	22.00	21.78	4.60	0.75	10	29	19	25
Economics	7	20.57	73-79	19.00	20.36	4.58	1.73	16	29	17	21
Finance	37	21.22	79-83	21.00	21.30	4.36	0.72	10	29	18	25
Human Resource Development	1	†	†	†	†	†	†	†	†	†	†
Logistics and Transportation	36	19.31	67-73	19.00	19.45	4.14	0.69	10	26	17	22
Management	16	21.25	79-83	22.00	21.50	6.69	1.67	9	29	14	26
Marketing	23	17.87	54-61	18.00	17.87	4.77	1.00	9	27	14	21
Public Administration	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

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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 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
<u>Majors</u>											
Advertising	54	18.93	61-67	19.00	18.99	3.26	0.44	11	25	17	21
Speech Communication	26	18.31	61-67	18.00	18.12	4.74	0.93	10	31	15	22

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

†Note enough cases to compute

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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 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
<u>Majors</u>											
Child and Family Studies	54	18.28	61-67	18.00	18.23	4.17	0.57	10	28	16	20
Hotel and Restaurant Administration	11	15.91	38-46	16.00	15.84	5.84	1.76	7	26	12	20
Retail and Consumer Sciences	19	17.63	54-61	18.00	17.42	3.18	0.73	14	25	15	19
Exercise Science	45	20.91	73-79	21.00	20.81	3.50	0.52	14	31	18	23
Nutrition	34	18.50	61-67	18.00	18.58	4.88	0.84	8	26	15	23
Recreation and Leisure Studies	10	16.20	46-54	17.00	62.22	3.23	1.02	11	21	13	18
Sport Management	27	18.74	61-67	20.00	18.86	4.97	0.96	7	28	17	22
Special Education	19	19.00	67-73	19.00	19.11	4.44	1.02	9	27	16	20

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

†Note enough cases to compute

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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
<u>Majors</u>											
Aerospace Engineering	18	21.94	79-83	22.00	22.10	6.00	1.41	10	31	18	27
Biomedical Engineering	28	21.86	79-83	23.00	22.15	5.82	1.10	7	30	18	25
Chemical Engineering	15	19.53	67-73	20.00	19.54	4.00	1.03	13	26	16	21
Civil Engineering	23	21.83	79-83	23.00	21.91	3.725	0.777	15	27	18	24
Electrical Engineering	6	23.00	87-91	23.00	23.17	3.168	1.291	17	26	23	25
Industrial Engineering	9	18.67	61-67	18.00	18.63	5.454	1.818	12	26	12	22
Mechanical Engineering	58	23.36	87-91	24.00	23.61	4.63	0.61	9	30	20	27

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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
<u>Major</u>											
Nursing	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

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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>											
Social Work	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

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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
Colleges											
Agricultural Sciences and Natural Resources	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
Architecture and Design	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
Arts and Sciences	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
Business Administration	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
Communication and Information	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
Education, Health and Human Sciences	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
Engineering	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
Nursing	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
Social Work	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"

†Note enough cases to compute

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.