

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

### Distribution by College

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
THEC	526	19.56	67-73	20.00	19.65	4.89	0.21	0	32	16.00	23.00
<b>Colleges</b>											
<b>Agricultural Sciences and Natural Resources</b>	110	18.10	61-67	17.50	18.17	4.81	0.46	5	28	15.00	22.00
	32	18.00	61-67	17.00	18.11	5.14	0.91	5	28	16.00	20.75
<b>Architecture and Design</b>	52	21.50	79-83	22.00	21.65	4.20	0.58	11	28	18.00	25.00
	11	22.73	83-87	22.00	22.78	3.10	0.94	17	28	21.00	25.00
<b>Arts and Sciences</b>	327	19.71	67-73	19.00	19.27	5.22	0.29	0	32	15.00	23.00
	194	19.43	67-73	20.00	19.58	5.37	0.39	0	32	16.00	23.00
<b>Business Administration</b>	253	19.76	67-73	20.00	19.81	4.57	0.29	7	30	17.00	23.00
	116	20.10	73-79	20.50	20.17	4.29	0.40	9	29	17.00	23.00
<b>Communication and Information</b>	85	17.73	54-61	17.00	17.76	4.14	0.45	9	26	14.00	21.00
	47	17.92	54-61	18.00	17.95	4.43	0.65	9	26	15.00	21.00
<b>Education, Health and Human Sciences</b>	179	18.24	61-67	18.00	18.22	4.62	0.35	6	29	15.00	21.00
	63	17.94	54-61	18.00	18.07	3.97	0.50	9	25	15.00	21.00
<b>Engineering</b>	161	21.47	79-83	22.00	21.57	5.31	0.42	8	32	18.00	25.00
	42	22.26	83-87	22.50	22.32	4.85	0.75	13	31	18.75	25.50
<b>Nursing</b>	100	19.97	67-73	20.00	20.02	4.31	0.43	8	29	17.00	23.00
	16	21.31	79-83	21.50	21.36	3.09	0.77	15	27	18.75	23.00
<b>Social Work</b>	25	19.68	67-73	20.00	19.76	3.97	0.79	11	27	17.00	22.00
	5	22.60	83-87	22.00	22.60	3.51	1.57	18	27	19.50	26.00

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

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

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
*College	110	18.10	61-67	17.50	18.17	4.81	0.46	5	28	15.00	22.00
<b>Majors</b>											
<b>Agricultural Economics &amp; Business</b>	25	16.76	46-54	15.00	16.64	4.82	0.96	10	26	12.00	22.00
<b>Animal Science</b>	31	19.45	67-73	20.00	19.72	4.86	0.87	5	28	17.00	22.00
<b>Food Science and Technology</b>	9	18.78	61-67	17.00	18.75	4.89	1.63	11	27	16.00	20.00
<b>Forestry</b>	13	17.46	54-61	16.00	17.51	4.12	1.14	10	24	15.00	20.00
<b>Plant Sciences</b>	18	16.67	46-54	16.00	16.74	4.50	1.06	7	25	14.00	20.00
<b>Environmental and Soil Sciences</b>	3	20.67	73-79	20.00	- †	2.08	1.20	19	23	19.00	20.00
<b>Biosystems Engineering</b>	3	25.33	93-95	26.00	- †	1.15	0.67	24	26	24.00	26.00
<b>Wildlife &amp; Fisheries Science</b>	8	16.88	46-54	16.00	16.92	4.91	1.74	9	24	12.00	20.00

\*N for college is out of the university N.

†Not enough cases to compute

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

### Distribution for the College of Architecture and Design

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
*College	52	21.50	79-83	22.00	21.65	4.20	0.58	11	28	18.00	25.00
<b>Majors</b>											
<b>Architecture</b>	39	22.21	83-87	23	22.43	4.17	0.67	11	28	18.00	25.00
<b>Interior Design</b>	13	19.39	67-73	19	19.43	3.69	1.02	13	25	17.00	22.00

\*N for college is out of the university N.

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

### Distribution for the College of Arts and Sciences

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
*College	327	19.71	67-73	19.00	19.27	5.22	0.29	0	32	15.00	23.00
<b><u>Majors</u></b>											
<b>Interdisciplinary Programs</b>	2	16.00	46	15.00	- †	1.41	1.00	15	17	15.00	17.00
<b>Division of Biology</b>	53	20.68	73-79	22.00	20.96	5.89	0.81	0	32	17.00	25.00
<b>Chemistry</b>	1	26.00	95	26.00	- †	- †	- †	26	26	- †	- †
<b>Classics</b>	1	24.00	91	24.00	- †	- †	- †	24	24	- †	- †
<b>College Scholars</b>	1	28.00	98	28.00	- †	- †	- †	28	28	- †	- †
<b>Economics</b>	1	23.00	87	23.00	- †	- †	- †	23	23	- †	- †
<b>English</b>	53	21.87	79-83	22.00	21.96	4.55	0.62	12	31	19.00	25.00
<b>History</b>	2	22.00	83	17.00	- †	7.07	- †	17	27	17.00	27.00
<b>Mathematics</b>	1	16.00	46	16.00	- †	- †	- †	16	16	- †	- †
<b>Political Science</b>	4	18.75	61-67	16.00	18.67	3.40	1.70	16	23	16.00	20.00
<b>Pre-Professional (Pre-Teaching)</b>	1	19.00	67	19.00	- †	- †	- †	19	19	- †	- †
<b>Psychology</b>	202	18.00	61	18.00	18.06	4.90	0.34	5	29	14.00	22.00

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

### *Distribution for the College of Arts and Sciences*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
*College	327	19.71	67-73	19.00	19.27	5.22	0.29	0	32	15.00	23.00
<b><u>Majors</u></b>											
<b>Sociology</b>	3	20.67	73-79	21.00	- †	4.51	2.60	16	25	16.00	21.00
<b>Spanish</b>	1	18.00	61	18.00	- †	- †	- †	18	18	- †	- †
<b>Theatre</b>	1	12.00	17	12.00	- †	- †	- †	12	12	- †	- †

\*N for college is out of the university N.

†Not enough cases to compute

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

### *Distribution for College of Business Administration*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
*College	253	19.76	67-73	20.00	19.81	4.57	0.29	7	30	17.00	23.00
<b><u>Majors</u></b>											
<b>Accounting</b>	55	21.69	79-83	23.00	21.88	4.50	0.61	9	30	19.00	24.00
<b>Business Studies</b>	7	19.71	67-73	18.00	19.68	6.68	2.52	11	29	14.00	25.00
<b>Finance</b>	59	20.32	73-79	20.00	20.45	3.83	0.50	9	28	18.00	23.00
<b>General Management</b>	20	18.35	61-67	18.00	18.39	5.45	1.22	7	29	15.00	21.00
<b>Marketing</b>	61	18.34	61-67	18.00	18.29	4.34	0.56	10	29	15.00	22.00
<b>Statistics</b>	4	22.50	83-87	20.00	22.50	3.51	1.76	19	26	19.00	25.00
<b>Logistics and Transportation</b>	45	18.71	61-67	18.00	18.73	4.21	0.63	10	26	16.00	22.00

\*N for college is out of the university N.

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

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

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University Scores	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
*College	85	17.73	54-61	17.00	17.76	4.14	0.45	9	26	14.00	21.00
<b><u>Majors</u></b>											
<b>Advertising and Public Relations</b>	34	19.47	67-73	19.00	19.44	3.12	0.53	14	26	17.00	22.00
<b>Electronic Media</b>	28	15.96	38-46	16.00	15.83	4.42	0.83	9	25	13.00	17.00
<b>Speech communication</b>	22	16.96	46-54	15.00	16.84	3.98	0.85	12	24	13.00	20.00

\*N for college is out of the university N.

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

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

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
*College	179	18.24	61-67	18.00	18.22	4.62	0.35	6	29	15.00	21.00
<b><u>Majors</u></b>											
<b>Child Development</b>	52	18.14	61-67	18.00	18.07	4.20	0.58	10	29	15.00	22.00
<b>Community Health Education</b>	4	20.50	73-79	18.00	20.22	5.69	2.84	17	29	17.00	18.00
<b>Exercise Science</b>	12	22.00	83	22.00	22.17	3.64	1.05	13	28	21.00	23.00
<b>Family Studies</b>	28	17.89	54-61	19.00	18.13	5.17	0.98	6	25	14.00	22.00
<b>Nutrition</b>	9	17.22	54-61	18.00	17.14	5.52	1.84	10	26	12.00	21.00
<b>Recreation and Leisure Studies</b>	25	19.00	67	19.00	18.87	3.86	0.77	13	28	15.00	21.00
<b>Sport Management</b>	49	17.22	54-61	17.00	17.12	4.70	0.67	9	28	14.00	21.00

\*N for college is out of the university N.

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

### *Distribution for College of Engineering*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
*College	161	21.47	79-83	22.00	21.57	5.31	0.42	8	32	18.00	25.00
<b><u>Majors</u></b>											
<b>Chemical Engineering</b>	12	19.08	67-73	18	18.76	4.81	1.39	13	31	17.00	20.00
<b>Civil Engineering</b>	41	19.07	67-73	19	19.11	4.60	0.72	8	28	15.00	23.00
<b>Electrical Engineering</b>	37	22.87	83-87	23	23.10	5.07	0.83	11	31	20.00	27.00
<b>Biomedical Engineering</b>	25	21.92	79-83	22	21.92	4.09	0.82	15	29	18.00	25.00
<b>Industrial Engineering</b>	17	21.24	79-83	22	21.48	6.16	1.49	9	29	16.00	26.00
<b>Materials Science &amp; Engineering</b>	5	21.60	79-83	21	21.67	4.04	1.81	16	26	16.00	25.00
<b>Nuclear Engineering</b>	9	23.00	87	25	23.17	7.02	2.34	11	32	12.00	26.00
<b>Computer Engineering</b>	15	25.07	93-95	25	25.52	5.44	1.41	11	31	22.00	29.00

\*N for college is out of the university N.

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

### *Distribution for College of Nursing*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
<u>Major</u>											
<b>Nursing</b>	100	19.97	67-73	20.00	20.02	4.31	0.43	8	29	17.00	23.00

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

### *Distribution for College of Social Work*

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
<u>Major</u>											
<b>Social Work</b>	25	19.68	67-73	20.00	19.76	3.97	0.79	11	27	17.00	22.00

## California Critical Thinking Skills Tests( CCTST) Performance Report 2003-2004

Comparison between 2003-2004 and 2002-2003

Group	N	Mean	%	Median	Tr Mean	St Dev	SE Mean	Min	Max	Q1	Q3
University 2003-2004	1292	19.42	67-73	20.00	19.47	4.92	0.14	0	32	16.00	23.00
University 2002-2003	1138	19.43	67-73	19.00	19.44	4.92	0.15	4	32	16.00	23.00
<b>Colleges</b>											
<b>Agricultural Sciences and Natural Resources</b>	110	18.10	61-67	17.50	18.17	4.81	0.46	5	28	15.00	22.00
	51	19.78	67-73	21.00	19.80	5.34	0.75	9	30	14.00	24.00
<b>Architecture and Design</b>	52	21.50	79-83	22	21.65	4.20	0.58	11	28	18	25.00
	65	19.99	67-73	20.00	20.02	4.06	0.50	9	28	17.00	23.00
<b>Arts and Sciences</b>	327	19.71	67-73	19.00	19.27	5.22	0.29	0	32	15.00	23.00
	262	19.32	67-73	19.00	19.28	5.27	0.33	6	32	16.00	23.00
<b>Business Administration</b>	253	19.76	67-73	20.00	19.81	4.57	0.29	7	30	17.00	23.00
	297	19.62	67-73	20.00	19.68	4.59	0.27	4	30	17.00	23.00
<b>Communication and Information</b>	85	17.73	54-61	17.00	17.76	4.14	0.45	9	26	14.00	21.00
	77	16.71	46-54	16.00	16.64	4.66	0.53	7	29	14.00	20.00
<b>Engineering</b>	161	21.47	79-83	22.00	21.57	5.31	0.42	8	32	18.00	25.00
	188	21.75	79-84	22.00	21.79	4.71	0.34	11	31	18.00	25.75
<b>Nursing</b>	100	19.97	67-73	20.00	20.02	4.31	0.43	8	29	17.00	23.00
	88	18.71	61-67	19.00	18.80	4.22	0.45	8	28	16.00	22.00
<b>Social Work</b>	25	19.68	67-73	20.00	19.76	3.97	0.79	11	27	17.00	22.00
	33	16.97	46-54	16.00	16.90	5.13	0.89	7	28	13.00	20.50
<b>Education, Health and Human Sciences</b>	179	18.24	61-67	18.00	18.22	4.62	0.35	6	29	15.00	21.00
	77	17.31	54-61	17.00	17.26	3.85	0.44	9	27	14.00	20.00

## ***Glossary of Terms***

- N:** The sample is composed of randomly selected students from senior level classes in specific majors in some colleges, or all students graduating in others. The THEC report will be composed of an additional sampling of the overall sample. THEC's sample of 525 will be equivalent to the percentage of students who have graduated from each college in the previous year of the cycle. The CCTST CapScore office will select the sample.
- %:** This ercentile 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.
- 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 is the median)