

**ETS Proficiency Profile Results**  
**Academic Year 2021-22**

*This file contains three worksheets with detailed results for the academic year 2021-2022*

**1. Skill and Content Scores:** This table shows a breakdown of average subscores by college and department.

**2. Proficiency Scores:** Shows the proportion of test takers who are judged competent to perform various skills at each of the three levels within the three skill areas. Skills by level and area are as follows:

**Reading/Critical Thinking**

**Level 1**

Students who are proficient can:

- recognize factual material explicitly presented in a reading passage
- understand the meaning of particular words or phrases in the context of a reading passage

**Level 2**

Students who are proficient can:

- synthesize material from different sections of a passage
- recognize valid inferences derived from material in the passage
- identify accurate summaries of a passage or of significant sections of the passage
- understand and interpret figurative language
- discern the main idea, purpose or focus of a passage or a significant portion of the passage

**Level 3/Critical Thinking**

Students who are proficient can:

- evaluate competing causal explanations
- evaluate hypotheses for consistency with known facts
- determine the relevance of information for evaluating an argument or conclusion
- determine whether an artistic interpretation is supported by evidence contained in a work
- recognize the salient features or themes in a work of art
- evaluate the appropriateness of procedures for investigating a question of causation
- evaluate data for consistency with known facts, hypotheses or methods
- recognize flaws and inconsistencies in an argument

**Writing Skills**

**Level 1**

Students who are proficient can:

- recognize agreement among basic grammatical elements (e.g., nouns, verbs, pronouns and conjunctions)
- recognize appropriate transition words
- recognize incorrect word choice
- order sentences in a paragraph
- order elements in an outline

**Level 2**

Students who are proficient can:

- incorporate new material into a passage
- recognize agreement among basic grammatical elements (e.g., nouns, verbs, pronouns and conjunctions) when these elements are complicated by intervening words or phrases
- combine simple clauses into single, more complex combinations
- recast existing sentences into new syntactic combinations

**Level 3**

Students who are proficient can:

- discriminate between appropriate and inappropriate use of parallelism
- discriminate between appropriate and inappropriate use of idiomatic language
- recognize redundancy
- discriminate between correct and incorrect constructions
- recognize the most effective revision of a sentence

**Mathematics**

**Level 1**

Students who are proficient can:

- solve word problems that would most likely be solved by arithmetic and do not involve conversion of units or proportionality. These problems can be multistep if the steps are repeated rather than embedded
- solve problems involving the informal properties of numbers and operations, often involving the Number Line, including positive and negative numbers, whole numbers and fractions (including conversions of common fractions to percent, such as converting "1/4" to 25%)
- solve problems requiring a general understanding of square roots and the squares of numbers
- solve a simple equation or substitute numbers into an algebraic expression
- find information from a graph. This task may involve finding a specified piece of information in a graph that also contains other information

**Level 2**

Students who are proficient can:

- solve arithmetic problems with some complications, such as complex wording, maximizing or minimizing, and embedded ratios. These problems include algebra problems that can be solved by arithmetic (the answer choices are numeric)
- simplify algebraic expressions, perform basic translations, and draw conclusions from algebraic equations and inequalities. These tasks are more complicated than solving a simple equation, though they may be approached arithmetically by substituting numbers
- interpret a trend represented in a graph, or choose a graph that reflects a trend
- solve problems involving sets; problems have numeric answer choices

**Level 3**

Students who are proficient can:

- solve word problems that would be unlikely to be solved by arithmetic; the answer choices are either algebraic expressions or numbers that do not lend themselves to back-solving
- solve problems involving difficult arithmetic concepts, such as exponents and roots other than squares and square roots, and percent of increase or decrease
- generalize about numbers (e.g., identify the values of (x) for which an expression increases as (x) increases)
- solve problems requiring an understanding of the properties of integers, rational numbers, etc.
- interpret a graph in which the trends are to be expressed algebraically or one of the following is involved: exponents and roots other than squares and square roots, percent of increase or decrease
- solve problems requiring insight or logical reasoning

**3. Percentile Ranks of Comparison Schools:** Gives distribution for total scores and subscores.

# University of Tennessee at Chattanooga: Proficiency Profile Skill & Content Scores By College and Major: 2021-22

				Skill Subscores								Content Subscores					
College/Major	N	Total Score		Critical Thinking		Reading		Writing		Math		Humanities		Social Sciences		Natural Sciences	
		Score	%tile	Score	%tile	Score	%tile	Score	%tile	Score	%tile	Score	%tile	Score	%tile	Score	%tile
College of Engineering and Computer Science	253	445.98	74	111.67	63	117.33	58	113.33	42	116.96	94	114.99	65	113.82	71	115.44	62
Computer Science	56	453.52	92	114.68	93	120.45	88	114.57	63	117.13	95	117.64	91	116.79	97	117.45	89
Engineering	197	443.83	34	110.81	46	116.44	15	112.98	18	116.92	85	114.24	34	112.98	36	114.87	19
College of Health, Education, and Professional Studies	539	437.13	37	109.71	29	115.32	29	112.87	27	112.16	41	114.17	34	112.41	49	112.88	16
Health & Human Performance	233	438.64	43	110.12	46	115.43	29	113.34	42	112.75	41	114.36	34	111.92	31	113.80	30
School of Education	122	436.28	35	109.34	29	115.30	29	113.06	42	111.70	26	113.80	46	111.64	31	113.40	30
School of Nursing	13	441.77	58	110.54	46	117.17	58	113.38	42	113.23	64	116.08	87	114.77	82	112.08	16
School of Professional Studies	171	431.82	14	108.83	15	113.39	11	111.70	14	110.94	12	112.45	28	111.29	31	112.25	16
Integrated Studies	137	434.31	26	109.26	29	114.20	18	112.30	27	111.63	26	113.04	46	112.09	49	112.46	16
Interior Design	2	424.00	0	109.00	29	105.00	0	113.00	42	110.00	12	107.00	0	109.50	9	110.50	5
Social Work	32	421.69	0	106.97	3	110.44	3	109.03	4	108.03	3	110.25	5	109.97	9	111.47	8
College of Arts and Sciences	810	445.05	95	112.76	79	118.12	70	114.25	63	112.71	41	116.80	87	114.49	82	115.43	62
Art	51	435.16	31	110.25	46	116.14	40	112.39	27	109.61	7	115.41	80	113.37	71	112.51	16
Biology, Geology & Environmental Science	174	447.37	80	112.34	79	117.79	58	114.98	63	115.06	88	116.63	87	113.13	71	116.24	79
Chemistry & Physics	27	455.00	95	114.30	93	119.85	81	115.37	78	117.85	95	118.22	97	115.00	92	117.81	89
Communication	112	437.21	37	109.78	29	115.32	29	113.78	42	111.29	26	114.93	65	111.70	31	113.08	30
English	35	454.46	94	114.60	93	121.63	95	117.71	96	112.71	41	118.49	97	117.71	98	117.69	89
History	21	447.48	80	114.90	93	120.43	88	115.29	78	110.00	12	119.00	98	117.00	98	116.43	79
Humanities	3	462.33	99	119.00	99	123.67	33	115.37	78	114.67	77	122.67	99	117.67	98	121.00	99
Mathematics	14	459.07	98	117.50	99	119.64	81	114.50	63	119.14	98	119.29	98	117.21	98	118.00	97
Modern & Classical Languages & Literatures	10	451.10	90	112.60	79	120.10	88	116.30	90	115.50	88	118.00	97	115.90	92	115.00	62
Performing Arts	17	436.47	35	109.76	29	116.35	40	113.76	42	110.76	12	114.24	65	113.59	71	112.71	16
Music	10	437.50	37	110.40	46	115.90	29	114.20	63	111.50	26	115.60	80	113.50	71	112.10	16
Theatre	7	435.00	31	108.86	15	117.00	58	113.14	42	109.71	7	112.29	28	113.71	71	113.57	30
Philosophy & Religion	5	429.40	11	111.20	63	114.80	18	110.20	8	107.20	2	114.00	65	112.40	49	113.80	30
Political Science & Public Service	50	440.1	53	111.52	63	116.16	40	113.34	42	111.54	26	115.04	80	113.88	71	113.66	30
Psychology	186	439.81	49	110.84	46	116.80	40	113.75	42	111.82	26	116.10	87	112.02	49	114.46	45
Social, Cultural & Justice Studies	105	435.99	31	110.11	46	114.9	18	112.86	27	110.9	12	113.5	46	112.21	49	113.53	30
College of Business	388	443.03	67	111.39	63	116.57	40	113.36	42	114.66	77	115.40	80	112.97	49	114.87	45
Accounting	51	443.59	67	111.53	63	117.47	58	113.53	42	114.76	77	115.59	80	113.27	71	115.59	62
Business Administration/Management	172	438.52	43	110.39	46	115.44	29	113.01	42	112.92	41	114.47	65	111.93	31	114.05	45
Marketing/Entrepreneurship	113	435.55	31	109.35	29	114.65	18	112.41	27	112.48	41	113.77	46	111.32	31	113.17	30
Economics	11	457.73	96	114.91	93	120.27	88	115.45	78	118.91	97	120.00	99	116.18	97	116.45	79
Finance	41	439.76	49	110.76	46	115.02	29	112.41	27	114.22	77	113.17	46	112.17	49	115.10	62
Major and College Unknown *	12	424.92	0	108.91	15	111.83	4	111.08	14	107.33	2	112.58	28	112.17	49	109.92	3
All Colleges and Majors	2002	440.233	53	110.75	46	116.13	40	113.39	42	113.04	64	114.89	65	112.62	49	114.26	45

\* These respondents failed to provide a valid major.

College/Department		PROFICIENCY PROFILE: PROFICIENCY SCORES (PERCENT OF STUDENTS CLASSIFIED PROFICIENT AT EACH LEVEL)																											
		Reading									Writing									Mathematics									
		Level 1			Level 2			Critical Thinking			Level 1			Level 2			Level 3			Level 1			Level 2			Level 3			
		N	% Profic	% Marg	% Not Prof	% Profic	% Marg	% Not Prof	% Profic	% Marg	% Not Prof	% Profic	% Marg	% Not Prof	% Profic	% Marg	% Not Pro	% Profic	% Marg	% Not Pro	% Profic	% Marg	% Not Pro	% Profic	% Marg	% Not Prof	% Profic	% Marg	% Not Prof
College of Engineering and Computer Science	253	54%	17%	29%	29%	14%	57%	4%	17%	79%	49%	25%	26%	13%	32%	55%	4%	21%	75%	70%	15%	15%	51%	21%	28%	13%	32%	55%	
Computer Science	56	77%	9%	14%	48%	13%	39%	9%	29%	62%	61%	25%	14%	16%	43%	41%	4%	26%	70%	67%	24%	9%	54%	18%	28%	14%	29%	57%	
Engineering	197	48%	19%	33%	23%	15%	62%	3%	13%	84%	46%	25%	29%	12%	29%	59%	4%	20%	76%	70%	12%	18%	51%	21%	28%	13%	32%	55%	
College of Health, Education, and Professional Studies	539	38%	18%	44%	21%	10%	69%	3%	6%	91%	42%	30%	28%	14%	25%	61%	5%	28%	67%	40%	21%	39%	19%	25%	56%	4%	12%	84%	
Health & Human Performance	233	42%	18%	40%	24%	10%	66%	4%	6%	90%	47%	29%	24%	16%	28%	56%	4%	21%	75%	45%	24%	31%	21%	29%	50%	4%	14%	82%	
School of Education	122	40%	21%	39%	20%	12%	68%	2%	7%	91%	42%	32%	26%	16%	26%	58%	7%	20%	73%	39%	20%	41%	20%	23%	57%	4%	12%	84%	
School of Nursing	13	61%	0%	39%	31%	15%	54%	8%	0%	92%	46%	23%	31%	15%	31%	54%	15%	8%	77%	38%	31%	31%	23%	31%	46%	0%	23%	77%	
School of Professional Studies	171	30%	19%	51%	18%	8%	74%	1%	6%	93%	35%	30%	35%	11%	20%	69%	4%	15%	81%	33%	18%	49%	16%	22%	62%	4%	9%	87%	
Integrated Studies	137	35%	19%	46%	22%	9%	69%	1%	8%	91%	38%	31%	31%	13%	20%	67%	5%	17%	78%	38%	18%	44%	18%	25%	57%	5%	11%	84%	
Interior Design	2	0%	0%	100%	0%	0%	100%	0%	0%	100%	50%	0%	50%	0%	50%	50%	0%	0%	100%	0%	50%	50%	0%	0%	100%	0%	0%	100%	
Social Work	32	12%	19%	69%	3%	3%	94%	0%	0%	100%	22%	28%	50%	0%	22%	78%	0%	6%	94%	16%	16%	68%	6%	9%	85%	0%	3%	97%	
College of Arts and Sciences	810	53%	14%	33%	30%	15%	55%	6%	11%	83%	53%	25%	22%	20%	31%	49%	8%	23%	69%	41%	20%	39%	22%	21%	57%	7%	14%	79%	
Art	51	53%	14%	33%	29%	18%	53%	4%	10%	86%	45%	22%	33%	14%	27%	59%	6%	16%	78%	22%	19%	59%	4%	23%	73%	0%	2%	98%	
Biology, Geology & Environmental Science	174	59%	12%	29%	35%	17%	48%	7%	11%	82%	57%	24%	19%	26%	32%	42%	13%	22%	65%	61%	15%	24%	37%	27%	36%	10%	24%	66%	
Chemistry & Physics	27	66%	15%	19%	33%	26%	41%	15%	22%	63%	55%	26%	19%	26%	26%	48%	11%	26%	63%	74%	15%	11%	52%	19%	29%	19%	37%	44%	
Communication	112	42%	15%	43%	28%	10%	62%	3%	8%	89%	52%	24%	24%	20%	28%	52%	7%	23%	70%	33%	24%	43%	13%	25%	62%	3%	12%	85%	
English	35	80%	3%	17%	60%	11%	29%	20%	20%	60%	82%	9%	9%	43%	40%	17%	29%	29%	42%	37%	23%	40%	29%	11%	60%	9%	9%	82%	
History	21	76%	14%	10%	33%	28%	39%	10%	19%	71%	66%	24%	10%	19%	39%	42%	14%	24%	62%	14%	43%	43%	10%	14%	76%	0%	5%	95%	
Humanities	3	67%	0%	33%	67%	0%	33%	34%	33%	33%	67%	33%	0%	33%	0%	67%	0%	33%	67%	67%	0%	33%	33%	33%	34%	0%	33%	67%	
Mathematics	14	64%	14%	22%	28%	36%	36%	28%	14%	58%	58%	28%	14%	28%	22%	50%	6%	36%	58%	72%	6%	22%	58%	14%	28%	42%	22%	36%	
Modern & Classical Languages & Literatures	10	80%	10%	10%	40%	40%	20%	0%	30%	70%	70%	30%	0%	10%	60%	30%	10%	30%	60%	70%	10%	20%	30%	40%	30%	20%	10%	70%	
Performing Arts	17	53%	12%	35%	18%	17%	65%	0%	60%	94%	47%	29%	24%	24%	24%	52%	0%	24%	76%	24%	41%	35%	12%	24%	64%	0%	12%	88%	
Music	10	60%	0%	40%	10%	20%	70%	0%	10%	90%	60%	10%	30%	30%	30%	40%	0%	30%	70%	30%	40%	30%	10%	30%	60%	0%	20%	80%	
Theatre	7	42%	29%	29%	29%	14%	57%	0%	0%	100%	29%	57%	14%	14%	14%	72%	0%	14%	86%	14%	43%	43%	14%	14%	72%	0%	0%	100%	
Philosophy & Religion	5	40%	20%	40%	20%	0%	80%	20%	0%	80%	40%	20%	40%	0%	20%	80%	0%	20%	80%	0%	20%	80%	0%	0%	100%	0%	0%	100%	
Political Science & Public Service	50	52%	8%	40%	30%	10%	60%	10%	10%	80%	52%	22%	26%	22%	28%	50%	0%	30%	70%	26%	24%	40%	16%	20%	64%	6%	14%	80%	
Psychology	186	52%	16%	32%	27%	15%	58%	3%	11%	86%	51%	27%	22%	15%	33%	52%	3%	23%	74%	37%	18%	45%	20%	17%	66%	5%	14%	81%	
Social, Cultural & Justice Studies	105	38%	21%	41%	19%	12%	69%	5%	6%	89%	43%	31%	26%	13%	29%	58%	6%	21%	73%	30%	21%	49%	10%	25%	65%	1%	7%	92%	
College of Business	388	41%	23%	36%	20%	13%	67%	4%	9%	87%	43%	30%	27%	14%	25%	61%	5%	17%	78%	51%	22%	27%	21%	30%	49%	5%	17%	78%	
Accounting	51	51%	20%	29%	29%	12%	59%	6%	18%	76%	51%	31%	18%	14%	27%	59%	4%	22%	74%	65%	20%	15%	26%	39%	35%	8%	18%	74%	
Business/Management	172	41%	23%	36%	20%	12%	68%	2%	9%	89%	45%	28%	27%	14%	30%	56%	5%	19%	76%	51%	21%	28%	18%	32%	50%	5%	15%	80%	
Marketing/Entrepreneurship	113	33%	28%	39%	14%	13%	73%	3%	3%	94%	35%	31%	34%	14%	17%	69%	6%	11%	83%	42%	22%	36%	19%	26%	55%	3%	17%	80%	
Economics	11	73%	0%	27%	45%	10%	45%	18%	9%	73%	73%	9%	18%	18%	55%	24%	0%	45%	55%	82%	18%	0%	45%	45%	10%	18%	27%	55%	
Finance	41	41%	15%	44%	19%	17%	64%	5%	12%	83%	37%	44%	19%	15%	17%	68%	5%	12%	83%	52%	29%	19%	32%	15%	53%	3%	24%	73%	
Major and College Unknown *	12	25%	33%	42%	8%	17%	75%	0%	0%	100%	33%	25%	42%	25%	8%	67%	8%	17%	75%	17%	17%	66%	0%	8%	92%	0%	0%	100%	
All Colleges and Majors	2002	47%	17%	36%	25%	13%	62%	5%	10%	85%	47%	27%	26%	17%	28%	55%	6%	20%	74%	46%	20%	34%	25%	24%	51%	7%	16%	77%	

\* These respondents failed to provide a valid major.

## 2021 ETS Proficiency Profile Comparative Data Report for Proctored Administrations

The annual Comparative Data Guide (CDG) contains tables of scaled scores and percentiles for institutional means and individual student scores drawn directly from test takers across the nation. The CDG can assist you in interpreting the scores from the ETS® Proficiency Profile by helping you determine how your students' skills compare with the skills of students at similar institutions. The report provides descriptive statistics based on the number of students that have completed a proctored version of the ETS Proficiency Profile between July 1, 2016 and June 30, 2021. Information about an institution gathered through ETS Proficiency Profile administrations cannot be released in any form attributable to or identifiable with an individual institution. The anonymity of each institution's performance is maintained by reporting only the aggregate performance of the selected reference group.

Below are descriptions of the various tables you can generate using this service:

- **Institutional Means Total Score/Subscore Distributions** - The distributions in these tables present the number of institutions at each mean score level. These tables provide a way to compare the Total Score and Subscore means for your institution with those of other participating institutions. These tables show the mean of means (or the average of the mean scores for those institutions/programs selected) as well as the standard deviations of those means.
- **Individual Students Total Score/Subscore Distributions** - The distributions in these tables may be used to interpret results by determining what percent of those taking the test at the selected institutions attained scores below that of a particular student. Each table shows scaled score intervals for Total Score and Subscores separately. By looking up the Total Score or Subscore and reading across the row to the corresponding number in the column headed "Percent Below," the percent of individuals scoring below any interval can be determined.
- **Summary of Proficiency Classifications** - This table presents the percentage of students classified as "Proficient," "Marginal," and "Not Proficient" for each skill dimension and level. This table provides a way to compare the proficiency levels at your institution with the selected test taker population. Descriptions of the competencies and abilities measured at each Proficiency Level can be found at [http://www.ets.org/proficiencyprofile/scores/proficiency\\_classifications/](http://www.ets.org/proficiencyprofile/scores/proficiency_classifications/).

The following considerations should be kept in mind when interpreting comparative data:

- This data should be considered comparative rather than normative because the institutions included in the data do not represent proportionally the various types of higher education institutions and programs. The data are drawn entirely from institutions that choose to use the ETS Proficiency Profile. Such a self-selected sample may not be representative of all institutions or programs.
- The number of students tested and sampling procedures vary from one institution to another. Therefore, it is impossible to verify that the students tested at each institution are representative of all the institution's students in that program.
- Only those institutions testing 30 or more students in a college class were included in the analyses for that college class. Institutions with fewer than 30 test takers at that class level are excluded from these calculations.
- In certain circumstances, the score distribution used to compute these statistics will be modified to prevent the statistics from being dominated by a few very large institutions. If an institution contributes a large number of students to a data set, the score of each of its students will be weighted. If weighting is applied to the report, a footnote explaining the weighting process will appear below the table. Weighting is only applied to reports based on individual student results.
- For more information about this report or other ways the ETS Proficiency Profile can help your program, contact an ETS Advisor at [highereds@ets.org](mailto:highereds@ets.org) or call 1-800-745-0269.

The following reports include tests taken as of June 30, 2021.

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Albany College of Pharmacy and Health Sciences, NY  
 Albertus Magnus College, CT  
 Alice Lloyd College, KY  
 American Public University, WV  
 Anderson University - South Carolina, SC  
 Andrews University, MI  
 Antioch University Midwest, OH  
 Appalachian Bible College, WV  
 Arkansas Baptist College, AR  
 Arkansas Northeastern College, AR  
 Asbury University, KY  
 Azusa Pacific University, CA  
 Barton College, NC  
 Belhaven University (MS), MS  
 Benedict College, SC  
 Bennett College for Women, NC  
 Bethel College, IN  
 Bethel University, TN  
 Bishop State Community College, AL  
 Blinn College, TX  
 Blue Mountain College, MS  
 Bluffton University, OH  
 Bossier Parish Community College, LA  
 Bowie State University, MD  
 Brenau University, GA  
 Brescia University, KY  
 Bryan College, TN  
 Cabrini University, PA  
 Cairn University, PA  
 Calhoun Community College, AL  
 California University of Pennsylvania, PA  
 Calvary Bible College, MO  
 Campbell University, NC  
 Cazenovia College, NY  
 Cecil College, MD  
 Central Wyoming College, WY  
 Chattahoochee Technical College, GA  
 Chipola College, FL  
 Chowan University, NC  
 Clarion University of Pennsylvania, PA  
 Clayton State University, GA  
 Clemson University, SC  
 Cleveland State Community College, TN  
 College of Charleston, SC

College of the Mainland, TX  
 Colorado State University - Pueblo, CO  
 Columbia State Community College, TN  
 Concordia University (MI), MI  
 Concordia University Chicago, IL  
 Corban University, OR  
 Covenant College, GA  
 Crowder College, MO  
 Dallas Baptist University, TX  
 Del Mar College, TX  
 Dickinson State University, ND  
 Dillard University, LA  
 Donnelly College, KS  
 Dordt College, IA  
 Dyersburg State Community College, TN  
 East Central Community College, MS  
 Eastern Arizona College, AZ  
 Eastern Gateway Community College, OH  
 Eastern New Mexico University, NM  
 Eastern West Virginia Community and Technical Coll, WV  
 Eastern Wyoming College, WY  
 Emmaus Bible College, IA  
 Ensign College, UT  
 Faith Baptist Bible College, IA  
 Faulkner University, AL  
 Fayetteville State University, NC  
 Fei Tian College, NY  
 Felician University - Lodi, NJ  
 Ferrum College, VA  
 Fisk University, TN  
 Fletcher Technical Community College, LA  
 Florida College, FL  
 FOND DU LAC TRIBAL COMMUNITY COLLEGE, MN  
 Fort Hays State University, KS  
 Fort Scott Community College, KS  
 Fort Valley State University, GA  
 Gadsden State Community College, AL  
 Galveston College, TX  
 Georgetown College, KY  
 Georgia Southern University-Armstrong Campus, GA  
 Gordon State College, GA  
 Grace University, NE  
 Grambling State University, LA  
 Hillsdale College, MI



J Sargeant Reynolds Community College, VA  
 Jackson State Community College, TN  
 Jacksonville College, TX  
 Jacksonville State University, AL  
 Jarvis Christian College, TX  
 Jefferson College, MO  
 Jefferson Community and Technical College, KY  
 Judson College, AL  
 Keiser University, FL  
 Kentucky State University, KY  
 Keystone College, PA  
 La Salle University, PA  
 Lake Land College, IL  
 Lamar State College - Orange, TX  
 Lawson State Community College, AL  
 Leavell College, LA  
 Lee University, TN

Moberly Area Community College, MO  
 Montana State University - Billings, MT  
 Montana Tech of the University of Montana, MT  
 Motlow State Community College, TN  
 Mott Community College, MI  
 Mount Marty College, SD  
 Mount Vernon Nazarene University, OH  
 Murray State College, OK  
 New Mexico Military Institute, NM  
 New Mexico State University Carlsbad, NM  
 Nicholls State University, LA  
 Norfolk State University, VA  
 North Central Missouri College, MO  
 North Dakota State College of Science, ND  
 North Greenville University, SC  
 Northeast Alabama Community College, AL  
 Northeast Mississippi Community College, MS



Lincoln Memorial University, TN  
 Lincoln University (MO), MO  
 Lindenwood University, MO  
 Louisiana State University - Alexandria, LA  
 Loyola University New Orleans, LA  
 Lubbock Christian University, TX  
 Madisonville Community College, KY  
 Maranatha Baptist University, WI  
 Marietta College, OH  
 Marion Military Institute, AL  
 Mary Baldwin University, VA  
 Massachusetts Maritime Academy, MA  
 McDowell Technical Community College, NC  
 Mercy College, NY  
 Meridian Community College, MS  
 Miami Regional University, FL  
 Mid Atlantic Christian University, NC  
 Mid-America Christian University, OK  
 Midwestern State University, TX  
 Milligan College, TN  
 Mineral Area College, MO  
 Mississippi College, MS  
 Mississippi Gulf Coast Community College, MS  
 Mississippi State University, MS  
 Missouri Baptist University, MO  
 Missouri Southern State University, MO  
 Missouri University of Science and Technology, MO  
 Missouri Western State University, MO

Northeast State Community College, TN  
 Northwest Missouri State University, MO  
 Northwest University, WA  
 Northwestern Oklahoma State University, OK  
 Nyack College, NY  
 Oglethorpe University, GA  
 Oklahoma Wesleyan University, OK  
 Pacific Union College, CA  
 Palm Beach Atlantic University, FL  
 Pellissippi State Community College, TN  
 Philander Smith College, AR  
 Point Loma Nazarene University, CA  
 Pontifical College, OH  
 Prairie View A&M University, TX  
 Pratt Community College, KS  
 Presbyterian College, SC  
 Presentation College, SD  
 Reinhardt University, GA  
 Research College of Nursing, MO  
 Rio Salado College, AZ  
 River Parishes Community College, LA  
 Roane State Community College, TN  
 Rogers State University, OK  
 Sacred Heart Major Seminary, MI  
 Schreiner University, TX  
 Seminole State College, OK  
 Seminole State College of Florida, FL  
 Seward County Community College, KS



Shaw University, NC  
 Shorter College, AR  
 Shorter University, GA  
 Skagit Valley College, WA  
 South College-Main, TN  
 Southeast Missouri State University, MO  
 Southeastern Louisiana University, LA  
 Southeastern Oklahoma State University, OK  
 Southern Adventist University, TN  
 Southern University at Shreveport, LA  
 Southern Wesleyan University, SC  
 Southwest Baptist University, MO  
 Southwest Tennessee Community College, TN  
 Southwest Texas Junior College, TX  
 Southwestern Christian College, TX  
 Southwestern College, KS  
 Southwestern Oklahoma State University, OK  
 Spalding University, KY  
 Spelman College, GA  
 St. Andrews University, NC  
 St. Johns River State College, FL  
 St. Mary's University, TX  
 St. Vincent's College, CT  
 Stephen F. Austin State University, TX  
 Stillman College, AL  
 Sul Ross State University - Alpine, TX  
 Sullivan University, KY  
 Tarleton State University, TX  
 Taylor University, IN  
 Temple University, PA  
 Tennessee State University, TN

Union County College, NJ  
 Union University, TN  
 University of Akron Wayne College, OH  
 University of Alabama at Birmingham, AL  
 University of Arkansas - Pine Bluff, AR  
 University of Central Missouri, MO  
 University of Charleston, WV  
 University of Colorado - Denver, CO  
 University of Georgia, GA  
 University of Holy Cross, LA  
 University of Mary Hardin-Baylor, TX  
 University of Memphis, TN  
 University of Missouri - Columbia, MO  
 University of Missouri - Kansas City, MO  
 University of Mobile, AL  
 University of Mount Olive, NC  
 University of North Texas - Dallas, TX  
 University of Pikeville, KY  
 University of Saint Katherine, CA  
 University of Sciences in Philadelphia, PA  
 University of South Carolina - Aiken, SC  
 University of South Carolina - Beaufort, SC  
 University of South Carolina - Upstate, SC  
 University of South Florida - St. Petersburg, FL  
 University of Southern Indiana, IN  
 University of Tampa, FL  
 University of Tennessee - Chattanooga, TN  
 University of Tennessee at Martin, TN  
 University of the Cumberlands, KY  
 University of West Alabama, AL  
 Vanguard University of Southern California, CA  
 Victor Valley Community College, CA

Texas A&M University - Kingsville, TX  
 Texas A&M University-Commerce, TX  
 Texas Wesleyan University, TX  
 Thaddeus Stevens College of Technology, PA  
 Thomas More University, KY  
 Thomas University, GA  
 Tougaloo College, MS  
 Touro College, NY  
 Trevecca Nazarene University, TN  
 Trinity Valley Community College, TX  
 Union College (NE), NE

Trinity Valley Community College, TX  
 Victoria College, TX  
 Volunteer State Community College, TN  
 Walters State Community College, TN  
 Warner University, FL  
 Washburn University, KS  
 Webber International University, FL  
 Welch College, TN  
 West Georgia Technical College, GA  
 Wiley College, TX  
 William Carey University, MS  
 York College, NE

Total Number of Institutions	Total Number of Students
265	269,880

Only those institutions testing 30 or more students in a college class were included in the analyses for that college class.



**2021 Comparative Data Guide**  
**Distribution of Institutional Mean Total Scores**  
**All Institution Types**  
**All Students**  
*July 2016 through June 2021*

Number of Institutions	Mean	Standard Deviation
265	439.5	9.7

Mean Total Score	No. of Institutions	Percent Below
470 to 500.00	1	>99
469 to 469.99	0	>99
468 to 468.99	0	>99
467 to 467.99	0	>99
466 to 466.99	1	99
465 to 465.99	0	99
464 to 464.99	1	99
463 to 463.99	0	99
462 to 462.99	0	99
461 to 461.99	0	99
460 to 460.99	0	99
459 to 459.99	2	98
458 to 458.99	2	97
457 to 457.99	3	96
456 to 456.99	2	95
455 to 455.99	1	95
454 to 454.99	3	94
453 to 453.99	5	92
452 to 452.99	5	90
451 to 451.99	0	90
450 to 450.99	8	87
449 to 449.99	7	85
448 to 448.99	8	82
447 to 447.99	4	80

Mean Total Score	No. of Institutions	Percent Below
446 to 446.99	7	77
445 to 445.99	9	74
444 to 444.99	6	72
443 to 443.99	13	67
442 to 442.99	11	63
441 to 441.99	13	58
440 to 440.99	13	53
439 to 439.99	10	49
438 to 438.99	17	43
437 to 437.99	14	37
436 to 436.99	7	35
435 to 435.99	10	31
434 to 434.99	13	26
433 to 433.99	6	24
432 to 432.99	15	18
431 to 431.99	10	14
430 to 430.99	3	13
429 to 429.99	6	11
428 to 428.99	3	10
427 to 427.99	2	9
426 to 426.99	2	8
425 to 425.99	6	6
400 to 424.99	16	0



**2021 Comparative Data Guide**  
**Distribution of Institutional Mean Subscores**  
**All Institution Types**  
**All Students**  
*July 2016 through June 2021*

Skill	Number of Institutions	Mean	Standard Deviation
<b>Critical Thinking</b>	<b>265</b>	<b>110.3</b>	<b>2.4</b>
<b>Reading</b>	<b>265</b>	<b>116.5</b>	<b>2.9</b>
<b>Writing</b>	<b>265</b>	<b>113.2</b>	<b>2.3</b>
<b>Mathematics</b>	<b>265</b>	<b>112.5</b>	<b>2.5</b>
<b>Humanities</b>	<b>265</b>	<b>113.4</b>	<b>2.3</b>
<b>Social Sciences</b>	<b>265</b>	<b>112.0</b>	<b>2.3</b>
<b>Natural Sciences</b>	<b>265</b>	<b>114.2</b>	<b>2.4</b>

**Critical Thinking**

Mean Subscore	No. of Institutions	Percent Below
126 to 130	0	100
125 to 125.99	0	100
124 to 124.99	0	100
123 to 123.99	0	100
122 to 122.99	1	>99
121 to 121.99	0	>99
120 to 120.99	0	>99
119 to 119.99	0	>99
118 to 118.99	0	>99
117 to 117.99	1	99
116 to 116.99	1	99
115 to 115.99	4	97
114 to 114.99	11	93
113 to 113.99	16	87
112 to 112.99	21	79
111 to 111.99	42	63
110 to 110.99	46	46
109 to 109.99	44	29
108 to 108.99	39	15
107 to 107.99	17	8
106 to 106.99	15	3
100 to 105.99	7	0

**Reading**

Mean Subscore	No. of Institutions	Percent Below
126 to 130	1	>99
125 to 125.99	0	>99
124 to 124.99	0	>99
123 to 123.99	0	>99
122 to 122.99	3	98
121 to 121.99	9	95
120 to 120.99	19	88
119 to 119.99	18	81
118 to 118.99	29	70
117 to 117.99	33	58
116 to 116.99	48	40
115 to 115.99	27	29
114 to 114.99	31	18
113 to 113.99	17	11
112 to 112.99	13	6
111 to 111.99	6	4
110 to 110.99	4	3
109 to 109.99	4	1
108 to 108.99	2	<1
107 to 107.99	0	<1
106 to 106.99	1	0
100 to 105.99	0	0





## Writing

Mean Subscore	No. of Institutions	Percent Below
126 to 130	0	100
125 to 125.99	0	100
124 to 124.99	0	100
123 to 123.99	0	100
122 to 122.99	1	>99
121 to 121.99	0	>99
120 to 120.99	0	>99
119 to 119.99	0	>99
118 to 118.99	1	99
117 to 117.99	8	96
116 to 116.99	16	90
115 to 115.99	32	78
114 to 114.99	40	63
113 to 113.99	55	42
112 to 112.99	41	27
111 to 111.99	35	14
110 to 110.99	15	8
109 to 109.99	10	4
108 to 108.99	3	3
107 to 107.99	5	1
106 to 106.99	1	1
100 to 105.99	2	0

## Humanities

Mean Subscore	No. of Institutions	Percent Below
126 to 130	0	100
125 to 125.99	1	>99
124 to 124.99	0	>99
123 to 123.99	0	>99
122 to 122.99	0	>99
121 to 121.99	0	>99
120 to 120.99	1	99
119 to 119.99	2	98
118 to 118.99	4	97
117 to 117.99	15	91
116 to 116.99	12	87
115 to 115.99	18	80
114 to 114.99	41	65
113 to 113.99	50	46
112 to 112.99	46	28
111 to 111.99	44	12
110 to 110.99	17	5
109 to 109.99	10	2
108 to 108.99	3	<1
107 to 107.99	1	0
106 to 106.99	0	0
100 to 105.99	0	0

## Mathematics

Mean Subscore	No. of Institutions	Percent Below
126 to 130	0	100
125 to 125.99	0	100
124 to 124.99	1	>99
123 to 123.99	0	>99
122 to 122.99	1	99
121 to 121.99	0	99
120 to 120.99	3	98
119 to 119.99	1	98
118 to 118.99	3	97
117 to 117.99	3	95
116 to 116.99	5	94
115 to 115.99	14	88
114 to 114.99	29	77
113 to 113.99	36	64
112 to 112.99	61	41
111 to 111.99	38	26
110 to 110.99	37	12
109 to 109.99	15	7
108 to 108.99	10	3
107 to 107.99	4	2
106 to 106.99	2	1
100 to 105.99	2	0

## Social Sciences

Mean Subscore	No. of Institutions	Percent Below
126 to 130	0	100
125 to 125.99	0	100
124 to 124.99	0	100
123 to 123.99	1	>99
122 to 122.99	0	>99
121 to 121.99	0	>99
120 to 120.99	0	>99
119 to 119.99	0	>99
118 to 118.99	0	>99
117 to 117.99	3	98
116 to 116.99	3	97
115 to 115.99	13	92
114 to 114.99	29	82
113 to 113.99	29	71
112 to 112.99	57	49
111 to 111.99	47	31
110 to 110.99	43	15
109 to 109.99	17	9
108 to 108.99	10	5
107 to 107.99	8	2
106 to 106.99	4	<1
100 to 105.99	1	0

**Natural Sciences**

Mean Subscore	No. of Institutions	Percent Below
126 to 130	0	100
125 to 125.99	0	100
124 to 124.99	1	>99
123 to 123.99	0	>99
122 to 122.99	0	>99
121 to 121.99	0	>99
120 to 120.99	1	99
119 to 119.99	1	99
118 to 118.99	6	97
117 to 117.99	20	89
116 to 116.99	26	79
115 to 115.99	47	62
114 to 114.99	43	45
113 to 113.99	40	30
112 to 112.99	38	16
111 to 111.99	20	8
110 to 110.99	10	5
109 to 109.99	5	3
108 to 108.99	6	<1
107 to 107.99	0	<1
106 to 106.99	1	0
100 to 105.99	0	0



**All Students**  
July 2016 through June 2021

Number of Students	Mean	Standard Deviation
218,414*	441.2	20.5

Percentile	Scaled Score
90 <sup>th</sup>	470
75 <sup>th</sup>	455
50 <sup>th</sup>	440
25 <sup>th</sup>	426
10 <sup>th</sup>	415

Scaled Score	Percent Below
500	>99
499	>99
498	>99
497	>99
496	>99
495	>99
494	>99
493	99
492	99
491	99
490	99
489	99
488	98
487	98
486	98
485	97
484	97
483	97
482	96
481	96
480	95
479	95
478	95
477	94
476	94

Scaled Score	Percent Below
475	93
474	92
473	92
472	91
471	90
470	89
469	89
468	89
467	88
466	86
465	86
464	85
463	84
462	82
461	82
460	80
459	80
458	78
457	77
456	76
455	75
454	73
453	71
452	70
451	68

Scaled Score	Percent Below
450	67
449	65
448	63
447	61
446	60
445	58
444	56
443	55
442	53
441	51
440	49
439	48
438	46
437	44
436	42
435	40
434	39
433	37
432	35
431	33
430	32
429	29
428	28
427	27
426	24

Scaled Score	Percent Below
425	23
424	21
423	19
422	19
421	16
420	15
419	15
418	12
417	11
416	10
415	9
414	8
413	7
412	6
411	5
410	5
409	4
408	3
407	3
406	2
405	2
404	1
403	1
402	1
401	1
400	0

\*The score distribution used to compute these statistics has been modified, to prevent the statistics from being dominated by a few very large institutions. If an institution contributed more than 3100 students to this data set, the score of each of its students has been weighted by the fraction 3100/n, where n is the number of students from that institution. For example, if an institution tested 6200 students, the score of each of its students would receive a weight of 3100/6200 = 1/2. In computing the statistics, each of its students would count only half as much as a student from an institution that tested 3100 or fewer students. Therefore, an institution testing 6200 students would influence the statistics just as much as if it had tested only 3100 students.



**2021 Comparative Data Guide**  
**Distribution of Individual Students' Subscores**  
**All Institution Types**  
**All Students**  
July 2016 through June 2021

	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
Number of Students	218,414*	218,414*	218,414*	218,414*	218,414*	218,414*	218,414*
Mean Score	110.7	117.0	113.6	112.9	113.8	112.3	114.6
Standard Deviation	6.3	7.4	5.5	6.0	6.6	6.4	6.0
Percentile	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences

	Thinking	Writing	Reading	Mathematics	Sciences	Sciences
90 <sup>th</sup>	121	126	121	122	123	123
75 <sup>th</sup>	115	123	118	116	119	120
50 <sup>th</sup>	110	118	113	113	112	116
25 <sup>th</sup>	106	111	110	108	108	110
10 <sup>th</sup>	103	107	106	106	107	107

Skills Subscores: Percent of Students Below Each Scaled Score

Scaled Score	Critical Thinking	Reading	Writing	Mathematics
130	>99	98	>99	>99
129	>99	97	>99	>99
128	>99	93	>99	99
127	99	91	>99	98
126	99	88	>99	98
125	97	79	>99	96
124	96	78	98	92
123	96	71	93	91
122	95	65	93	89
121	90	65	88	88
120	89	57	87	86
119	88	52	78	79
118	83	49	71	77
117	79	49	71	77
116	75	41	63	67
115	73	37	54	64
114	68	33	53	63
113	62	32	40	50
112	59	28	36	46
111	58	25	31	38
110	45	19	23	30
109	41	18	20	26
108	39	14	13	17
107	28	8	10	15
106	23	6	7	8
105	19	4	6	6
104	11	3	4	3
103	9	1	2	2
102	5	<1	1	1
101	3	<1	1	<1
100	0	0	0	0



Context-Based Subscores: Percent of Students Below Each Scaled Score

Scaled Score	Humanities	Social Sciences	Natural Sciences
130	>99	>99	99
129	>99	>99	99
128	98	>99	99
127	96	99	99
126	94	97	99
125	94	96	98
124	94	95	94
123	86	94	86
122	84	89	86
121	82	88	84
120	81	85	72
119	72	81	66
118	72	73	66
117	64	72	64
116	63	69	49
115	53	66	49
114	53	59	44
113	50	53	40
112	47	51	37

112	43	31	32
111	32	48	28
110	29	37	25
109	27	31	19
108	22	26	14
107	10	26	10
106	10	12	7
105	8	10	4
104	4	6	2
103	<1	4	1
102	<1	1	1
101	<1	<1	<1
100	0	0	0

\*The score distribution used to compute these statistics has been modified, to prevent the statistics from being dominated by a few very large institutions. If an institution contributed more than 3100 students to this data set, the score of each of its students has been weighted by the fraction  $3100/n$ , where  $n$  is the number of students from that institution. For example, if an institution tested 6200 students, the score of each of its students would receive a weight of  $3100/6200 = 1/2$ . In computing the statistics, each of its students would count only half as much as a student from an institution that tested 3100 or fewer students. Therefore, an institution testing 6200 students would influence the statistics just as much as if it had tested only 3100 students.



**2021 Comparative Data Guide**  
**Summary of Proficiency Classifications — All Students,**  
**All Institution Types**  
*July 2016 through June 2021*

Total Number of Students	Weighted Number of Students
269,880	218,414 *

**Percent of Students Classified**

Skill Dimension and Level	Classified as Proficient	Classified as Marginal	Classified as Non-Proficient
<b>Critical Thinking</b>	3%	18%	79%
<b>Reading, Level 2</b>	31%	20%	49%
<b>Reading, Level 1</b>	59%	19%	22%
<b>Writing, Level 3</b>	7%	21%	72%
<b>Writing, Level 2</b>	16%	33%	51%
<b>Writing, Level 1</b>	55%	29%	16%
<b>Mathematics, Level 3</b>	6%	14%	80%
<b>Mathematics, Level 2</b>	25%	24%	51%
<b>Mathematics, Level 1</b>	50%	26%	24%

\*The score distribution used to compute these statistics has been modified, to prevent the statistics from being dominated by a few very large institutions. If an institution contributed more than 3100 students to this data set, the score of each of its students has been weighted by the fraction  $3100/n$ , where  $n$  is the number of students from that institution. For example, if an institution tested 6200 students, the score of each of its students would receive a weight of  $3100/6200 = 1/2$ . In computing the statistics, each of its students would count only half as much as a student from an institution that tested 3100 or fewer students. Therefore, an institution testing 6200 students would influence the statistics just as much as if it had tested only 3100 students.



**2021 Comparative Data Guide  
Demographic Summary  
All Institution Types  
All Students  
July 2016 through June 2021**

**Percent in Demographic Category**

Age	Unweighted Data	Weighted Data*
Under 20	38%	38%
20 to 29	51%	52%
30 to 39	7%	6%
40 to 49	3%	3%
50 to 59	1%	1%
60 or more	<1%	<1%

Gender	Unweighted Data	Weighted Data*
Male	44%	42%
Female	56%	58%

Ethnicity	Unweighted Data	Weighted Data*
African American	16%	17%
American Indian/Alaskan Native	1%	1%
Asian/Asian American/Pacific Is.	4%	4%
Black Hispanic	1%	1%
Hispanic	6%	7%
Latin American	1%	1%
White	67%	65%
Other	4%	3%

Best Language	Unweighted Data	Weighted Data*
English	82%	82%
Other Language	13%	13%
Both Equal	5%	5%





Enrollment Status	Unweighted Data	Weighted Data <sup>*</sup>
Full Time	91%	91%
Part Time	9%	9%

Credit Hours Transferred	Unweighted Data	Weighted Data <sup>*</sup>
None	74%	75%
0-15 Hours Transferred	7%	7%
16-30 Hours Transferred	7%	6%
>30 Hours Transferred	13%	12%

Hours Worked for Wages	Unweighted Data	Weighted Data <sup>*</sup>
None	29%	30%
1-15 Hours	26%	26%
16-30 Hours	25%	26%
>30 Hours	19%	18%

Cumulative GPA	Unweighted Data	Weighted Data <sup>*</sup>
3.50-4.00	38%	38%
3.00-3.49	35%	35%
2.50-2.99	19%	20%
2.00-2.49	6%	7%
1.00-1.99	1%	1%
Less than 1.00	<1%	<1%

<sup>\*</sup>The score distribution used to compute these statistics has been modified, to prevent the statistics from being dominated by a few very large institutions. If an institution contributed more than 3100 students to this data set, the score of each of its students has been weighted by the fraction  $3100/n$ , where  $n$  is the number of students from that institution. For example, if an institution tested 6200 students, the score of each of its students would receive a weight of  $3100/6200 = 1/2$ . In computing the statistics, each of its students would count only half as much as a student from an institution that tested 3100 or fewer students. Therefore, an institution testing 6200 students would influence the statistics just as much as if it had tested only 3100 students.

