

ETS Proficiency Profile Results  
Academic Year 2023-24

*This file contains three worksheets with detailed results for the academic year 2023-2024*

**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: 2023-24

				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	288	443.80	83.00	111.76	75.00	116.76	63.00	113.13	62.00	115.30	92.00	115.23	70.00	113.63	71.00	114.83	63.00
Computer Science	97	443.67	83.00	112.20	88.00	116.86	63.00	113.00	62.00	114.47	87.00	115.35	70.00	113.52	71.00	115.35	82.00
Engineering	191	443.86	83.00	111.57	75.00	116.72	63.00	113.18	62.00	115.67	92.00	115.17	70.00	113.68	71.00	114.60	63.00
College of Health, Education, and Professional Studies	511	434.39	38.00	109.13	32.00	114.28	29.00	112.44	38.00	111.70	34.00	113.35	32.00	111.23	32.00	112.88	24.00
Health & Human Performance	196	434.25	38.00	109.09	32.00	114.18	29.00	112.35	38.00	112.51	60.00	113.02	32.00	111.31	32.00	112.90	24.00
School of Education	161	434.51	38.00	108.94	18.00	114.28	29.00	113.02	62.00	111.00	34.00	113.32	32.00	111.39	32.00	112.63	24.00
School of Nursing	95	426.92	13.00	109.94	32.00	115.01	47.00	112.94	38.00	112.39	60.00	114.03	53.00	111.26	32.00	113.92	43.00
School of Professional Studies	59	429.03	18.00	108.53	18.00	113.66	19.00	110.71	11.00	109.83	8.00	113.54	32.00	110.56	18.00	111.69	10.00
Interior Design	20	434.13	38.00	109.16	32.00	114.11	29.00	111.05	21.00	109.58	8.00	113.79	32.00	111.95	32.00	111.74	10.00
Social Work	39	428.64	16.00	108.26	18.00	113.33	19.00	110.77	11.00	109.95	8.00	113.46	32.00	109.85	9.00	111.59	10.00
College of Arts and Sciences	895	447.96	93.00	113.28	95.00	117.96	79.00	114.85	82.00	113.75	76.00	117.00	95.00	114.56	89.00	115.73	82.00
Art	51	435.12	44.00	109.42	32.00	113.58	19.00	113.38	62.00	109.42	8.00	114.62	53.00	111.80	32.00	111.13	10.00
Biology, Geology & Environmental Science	161	449.45	93.00	113.79	95.00	118.81	88.00	114.96	82.00	114.98	87.00	116.79	88.00	115.40	95.00	116.74	93.00
Chemistry & Physics	22	452.95	96.00	113.64	95.00	117.82	79.00	115.50	94.00	119.18	100.00	115.64	70.00	113.27	71.00	118.05	98.00
Communication	109	448.60	93.00	109.81	32.00	113.88	19.00	112.85	38.00	111.73	34.00	114.15	53.00	112.12	54.00	111.73	10.00
English	23	457.41	99.00	116.45	99.00	121.82	98.00	117.82	99.00	113.50	76.00	120.36	99.00	119.05	99.00	116.91	93.00
History	20	458.45	99.00	117.90	99.00	121.95	98.00	116.30	97.00	113.55	76.00	119.50	99.00	119.90	99.00	118.30	98.00
Humanities	19	441.89	76.00	111.69	75.00	117.69	79.00	113.69	62.00	112.50	60.00	116.88	88.00	112.94	54.00	115.06	82.00
Integrated Studies	10	442.80	79.00	112.10	88.00	116.90	63.00	114.80	82.00	111.90	34.00	116.70	88.00	113.70	71.00	115.10	82.00
Mathematics	15	453.60	96.00	114.73	96.00	119.53	94.00	113.53	62.00	118.47	99.00	119.80	99.00	114.13	89.00	117.00	95.00
Modern & Classical Languages & Literatures	9	444.00	85.00	113.29	95.00	117.57	79.00	115.71	94.00	112.29	60.00	115.57	70.00	113.29	71.00	117.29	95.00
Performing Arts	31	444.56	85.00	112.64	95.00	116.29	63.00	114.62	82.00	114.25	87.00	115.32	70.00	114.29	89.00	116.48	93.00
Music	18	443.82	83.00	114.00	96.00	116.47	63.00	113.47	62.00	114.24	87.00	115.65	70.00	114.06	89.00	116.06	93.00
Theatre	13	443.38	83.00	113.00	95.00	115.46	47.00	115.69	94.00	112.54	60.00	115.15	70.00	112.77	54.00	115.85	82.00
Philosophy & Religion	12	455.17	99.00	114.00	96.00	120.17	98.00	120.50	100.00	112.66	60.00	117.83	95.00	114.50	89.00	118.17	98.00
Political Science & Public Service	42	444.83	85.00	111.90	75.00	117.08	79.00	113.92	62.00	113.56	76.00	115.72	70.00	114.13	89.00	114.72	63.00
Psychology	234	433.72	33.00	109.54	32.00	114.77	29.00	112.07	38.00	110.79	18.00	114.04	53.00	111.65	32.00	112.70	24.00
Social, Cultural & Justice Studies	137	435.15	44.00	109.9	32.00	115.06	47.00	112.64	38.00	111.06	34.00	113.96	32.00	112.22	54.00	113.09	43.00
College of Business	415	437.49	56.00	109.82	32.00	115.15	47.00	112.27	38.00	113.57	76.00	113.78	32.00	112.33	54.00	113.21	43.00
Accounting	50	443.85	83.00	110.57	56.00	116.36	63.00	114.15	82.00	115.70	92.00	114.77	53.00	113.21	71.00	113.96	43.00
Business Administration/Management	140	437.94	56.00	110.29	56.00	115.56	47.00	112.19	38.00	113.34	76.00	114.28	53.00	112.75	54.00	113.51	43.00
Marketing/Entrepreneurship	141	432.54	30.00	108.48	18.00	113.67	19.00	111.56	21.00	112.08	60.00	112.44	17.00	110.93	18.00	112.29	24.00
Economics	16	449.31	93.00	113.00	95.00	118.31	88.00	114.00	82.00	116.62	94.00	116.88	88.00	115.06	95.00	115.44	82.00
Finance	68	439.07	67.00	110.32	56.00	115.31	47.00	112.28	38.00	114.78	87.00	113.81	32.00	112.97	54.00	113.21	43.00
Major and College Unknown *	2	451.00	96.00	110.00	56.00	113.50	19.00	118.50	99.00	123.50	100.00	109.50	2.00	113.00	71.00	113.00	43.00
All Colleges and Majors	2111	438.78	63.00	110.53	56.00	115.62	47.00	112.96	38.00	112.87	60.00	114.50	53.00	112.60	54.00	113.73	43.00

\* These respondents failed to provide a valid major.

PROFICIENCY PROFILE: PROFICIENCY SCORES (PERCENT OF STUDENTS CLASSIFIED PROFICIENT AT EACH LEVEL)																												
College/Department		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 Prof	% Profic	% Marg	% Not Pro	% Profic	% Marg	% Not Pro	% Profic	% Marg	% Not Prof	% Profic	% Marg	% Not Prof
College of Engineering and Computer Science	288	50%	18%	32%	29%	13%	58%	7%	13%	80%	49%	22%	29%	17%	29%	54%	5%	27%	68%	60%	16%	24%	39%	22%	39%	15%	22%	63%
Computer Science	97	52%	13%	35%	30%	18%	52%	8%	18%	74%	51%	19%	30%	15%	33%	52%	2%	33%	65%	54%	19%	27%	32%	25%	43%	14%	19%	67%
Engineering	191	49%	20%	31%	28%	11%	61%	7%	10%	83%	49%	23%	28%	18%	27%	65%	6%	24%	70%	63%	15%	22%	42%	20%	38%	15%	23%	62%
College of Health, Education, and Professional Studies	511	35%	22%	43%	15%	13%	72%	2%	7%	91%	40%	29%	31%	14%	24%	62%	4%	17%	79%	33%	23%	44%	16%	19%	65%	5%	11%	84%
Health & Human Performance	196	34%	21%	45%	13%	14%	73%	2%	8%	91%	39%	27%	33%	15%	19%	66%	4%	18%	77%	40%	22%	58%	21%	20%	59%	8%	11%	81%
School of Education	161	35%	23%	41%	17%	11%	72%	3%	5%	92%	45%	28%	27%	15%	28%	56%	4%	16%	80%	29%	19%	52%	15%	15%	70%	4%	10%	86%
School of Nursing	95	39%	24%	38%	20%	10%	70%	3%	9%	88%	41%	35%	24%	14%	28%	58%	4%	22%	74%	39%	20%	41%	17%	26%	57%	4%	15%	81%
School of Professional Studies	59	36%	20%	44%	7%	19%	74%	0%	3%	97%	34%	22%	44%	10%	20%	70%	5%	7%	88%	17%	37%	46%	5%	15%	80%	0%	3%	97%
Interior Design	20	37%	16%	47%	16%	21%	63%	0%	0%	100%	37%	21%	42%	5%	32%	63%	0%	11%	89%	11%	47%	42%	5%	16%	79%	0%	0%	100%
Social Work	39	36%	20%	44%	3%	18%	79%	0%	5%	95%	22%	23%	44%	13%	16%	71%	8%	5%	87%	20%	33%	47%	5%	16%	79%	0%	5%	95%
College of Arts and Sciences	895	48%	16%	36%	26%	14%	60%	4%	12%	84%	49%	26%	25%	19%	28%	53%	8%	21%	71%	37%	23%	50%	21%	20%	59%	6%	13%	81%
Art	51	29%	13%	58%	27%	0%	73%	0%	8%	92%	42%	22%	36%	18%	29%	53%	4%	22%	73%	20%	16%	64%	9%	16%	76%	0%	7%	93%
Biology, Geology & Environmental Science	161	63%	17%	20%	34%	21%	45%	7%	15%	77%	60%	22%	18%	25%	34%	41%	10%	25%	65%	55%	21%	24%	34%	25%	41%	10%	23%	67%
Chemistry & Physics	22	64%	14%	23%	27%	18%	55%	9%	18%	73%	82%	9%	9%	18%	55%	27%	5%	32%	64%	86%	9%	5%	73%	23%	4%	18%	45%	36%
Communication	109	36%	17%	47%	17%	13%	70%	2%	6%	92%	44%	31%	25%	17%	26%	57%	8%	16%	76%	32%	24%	44%	13%	22%	65%	4%	12%	84%
English	23	73%	14%	14%	64%	5%	32%	9%	32%	60%	77%	18%	5%	32%	36%	32%	23%	23%	54%	36%	32%	32%	23%	18%	32%	9%	14%	77%
History	20	75%	20%	5%	50%	20%	30%	30%	30%	40%	80%	15%	5%	20%	65%	15%	10%	20%	70%	45%	20%	35%	35%	20%	45%	20%	0%	80%
Humanities	19	56%	27%	31%	37%	19%	44%	12%	13%	75%	62%	19%	19%	12%	44%	44%	6%	37%	57%	37%	25%	38%	19%	25%	56%	6%	6%	88%
Integrated Studies	10	60%	0%	40%	40%	20%	40%	10%	20%	70%	40%	50%	10%	30%	10%	60%	20%	10%	70%	40%	30%	30%	0%	10%	60%	0%	0%	100%
Mathematics	15	60%	13%	27%	40%	20%	40%	20%	13%	67%	33%	33%	33%	20%	13%	67%	13%	7%	80%	73%	7%	3%	67%	6%	27%	27%	27%	47%
Modern & Classical Languages & Literatures	9	43%	14%	43%	43%	0%	57%	14%	0%	86%	57%	14%	29%	43%	14%	43%	0%	57%	43%	14%	43%	43%	14%	28%	57%	0%	14%	86%
Performing Arts	31	54%	7%	40%	18%	36%	52%	0%	13%	87%	60%	18%	23%	33%	39%	44%	7%	31%	62%	46%	22%	31%	22%	25%	54%	4%	12%	84%
Music	18	53%	6%	41%	35%	18%	47%	0%	18%	82%	65%	12%	23%	12%	47%	41%	6%	24%	70%	53%	23%	24%	35%	18%	47%	0%	24%	76%
Theatre	13	54%	8%	38%	0%	54%	56%	0%	8%	92%	54%	23%	23%	53%	31%	46%	8%	38%	54%	38%	20%	38%	8%	31%	61%	8%	0%	92%
Philosophy & Religion	12	66%	34%	0%	34%	16%	50%	17%	17%	66%	100%	0%	0%	66%	34%	0%	17%	66%	17%	50%	16%	34%	34%	16%	50%	17%	66%	17%
Political Science & Public Service	42	59%	8%	33%	28%	18%	54%	5%	10%	85%	49%	31%	20%	18%	26%	56%	8%	23%	69%	46%	23%	31%	28%	23%	49%	8%	13%	79%
Psychology	234	41%	16%	42%	20%	13%	67%	1%	9%	90%	38%	30%	32%	14%	21%	65%	4%	17%	79%	27%	24%	49%	10%	17%	73%	3%	7%	90%
Social, Cultural & Justice Studies	137	39%	20%	41%	20%	12%	68%	3%	9%	88%	42%	27%	31%	15%	25%	60%	7%	19%	74%	26%	25%	49%	16%	14%	70%	5%	9%	86%
College of Business	415	43%	18%	40%	21%	15%	64%	4%	8%	88%	38%	30%	32%	15%	20%	65%	6%	16%	78%	45%	23%	32%	26%	20%	54%	9%	16%	75%
Accounting	50	36%	28%	36%	23%	40%	66%	8%	8%	84%	49%	28%	23%	28%	17%	55%	6%	30%	64%	57%	28%	15%	38%	19%	42%	17%	19%	64%
Business/Management	140	44%	20%	36%	24%	15%	61%	3%	11%	86%	34%	34%	32%	13%	21%	66%	7%	13%	80%	48%	20%	32%	24%	22%	54%	8%	17%	75%
Marketing/Entrepreneurship	141	36%	15%	49%	17%	11%	72%	3%	5%	92%	35%	28%	37%	12%	18%	70%	6%	13%	81%	32%	27%	41%	16%	21%	63%	5%	13%	82%
Economics	16	50%	31%	19%	38%	6%	56%	19%	6%	75%	56%	25%	19%	25%	31%	44%	6%	31%	63%	56%	19%	25%	50%	12%	38%	19%	31%	50%
Finance	68	47%	12%	41%	16%	25%	59%	1%	9%	90%	41%	26%	33%	13%	25%	62%	1%	18%	81%	50%	24%	26%	33%	18%	49%	14%	18%	68%
Major and College Unknown *	2	50%		50%	0%	0%	100%	0%	0%	100%	100%	0%	0%	50%	50%	0%	50%	0%	50%	100%	0%	0%	100%	0%	0%	50%	0%	50%
All Colleges and Majors	2111	41%	18%	41%	23%	12%	65%	4%	10%	86%	44%	27%	29%	16%	26%	58%	6%	20%	74%	41%	22%	37%	23%	19%	58%	7%	15%	78%

\* These respondents failed to provide a valid major.

# territorium EPP

with Official Content from ETS

## 2023 ETS Proficiency Profile Comparative Data Report for Unproctored 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 E-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 an unproctored version of the E-Proficiency Profile between July 1, 2018 and June 30, 2023. Information about an institution gathered through E-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 <https://success.territorium.com/e-proficiency-profile-performance-levels>.

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 E-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 E-Proficiency Profile can help your program, contact Territorium** <https://success.territorium.com/kb-tickets/new>

The following reports include tests taken as of June 30, 2023.

ETS is registered trademark of Educational Testing Service (ETS).

### 2023 Comparative Data Guide Institution List All Institution Types All Students

*Data includes students from domestic institutions who tested between July 2018 through June 2023*

Albertus Magnus College, CT  
American Public University, WV  
American Sentinel University, CO  
Appalachian State University, NC  
Aquinas College (MI), MI  
Asbury University, KY  
Ascent College, VA

Florida State College at Jacksonville, FL  
Gadsden State Community College, AL  
Geneva College, PA  
God's Bible School and College, OH  
Grambling State University, LA  
Howard Payne University, TX  
Jackson State Community College, TN

Ascent College, VA  
 Ashland University, OH  
 Baptist College of Florida, The, FL  
 Belhaven University (MS), MS  
 Bethel University, TN  
 Blue Mountain College, MS  
 Brenau University, GA  
 Brewton-Parker College, GA  
 BridgeValley Community and Technical College, WV  
 Cabarrus College of Health Sciences, NC  
 Calhoun Community College, AL  
 Calvary Bible College, MO  
 Campbell University, NC  
 Cecil College, MD  
 Central Arizona College, AZ  
 Central Virginia Community College, VA  
 Chattahoochee Technical College, GA  
 Clayton State University, GA  
 Cleveland State Community College, TN  
 College of the Ozarks, MO  
 Colorado State University- Global Campus, CO  
 Columbia State Community College, TN  
 Columbus State University, GA  
 Covenant College, GA  
 Crowder College, MO  
 Crowley's Ridge College, AR  
 Dallas Baptist University, TX  
 DeVry University, IL  
 Dyersburg State Community College, TN  
 ECPI University, NC  
 Elim Bible Institute and College, NY  
 Ensign College, UT  
 Erskine College, SC  
 Everglades University, FL  
 Faith Baptist Bible College & Theological Seminary, IA  
 Fayetteville State University, NC  
 Felician University - Lodi, NJ  
 Fisk University, TN  
 Florida Agricultural and Mechanical University, FL

Jackson State Community College, TN  
 Jacksonville College, TX  
 Jacksonville State University, AL  
 Jefferson College, MO  
 Jefferson Community and Technical College, KY  
 Keiser University, FL  
 Kennesaw State University, GA  
 Kentucky State University, KY  
 Lamar State College - Orange, TX  
 Lander University, SC  
 Lee University, TN  
 Limestone College, SC  
 Lincoln Memorial University, TN  
 Louisiana State University - Alexandria, LA  
 Luther Rice College & Seminary, GA  
 Miami Regional University, FL  
 Midland University, NE  
 Midwestern Baptist Theological Seminary, MO  
 Mississippi State University, MS  
 Mississippi Valley State University, MS  
 Moberly Area Community College, MO  
 Motlow State Community College, TN  
 Mount Vernon Nazarene University, OH  
 National University, CA  
 New Mexico Junior College, NM  
 New Mexico Military Institute, NM  
 New River Community College, VA  
 North Dakota State College of Science, ND  
 Northeastern Oklahoma A&M College, OK  
 Pacific Union College, CA  
 Parker University, TX  
 Patrick Henry College, VA  
 Pellissippi State Community College, TN  
 Pfeiffer University, NC  
 Philander Smith College, AR  
 Point Loma Nazarene University, CA  
 Point University, GA  
 Presentation College, SD  
 Providence Christian College, CA

Providence College, RI  
 Regent University, VA  
 Reinhardt University, GA  
 River Parishes Community College, LA  
 Roane State Community College, TN  
 Rocky Mountain College, MT  
 Saint Josephs University, PA  
 Skagit Valley College, WA  
 Slippery Rock University of PA, PA  
 South College-Main, TN  
 Southeastern Oklahoma State University, OK  
 Southeastern University, FL  
 Southwest Baptist University, MO  
 Southwest Tennessee Community College, TN  
 Spelman College, GA  
 St. Johns River State College, FL  
 St. Petersburg College, FL  
 Sterling College, KS  
 Sullivan University, KY  
 Texas Southmost College, TX  
 Texas Tech University, TX  
 Texas Tech University Health Sciences Center, TX  
 Thomas Edison State University, NJ

Thomas University, GA  
 Touro College (CA), CA  
 Trinity Valley Community College, TX  
 Troy University - Troy, AL  
 University of Arizona Global Campus, AZ  
 University of Arkansas - Pine Bluff, AR  
 University of Colorado at Colorado Springs, CO  
 University of Georgia, GA  
 University of Mary, ND  
 University of Memphis, TN  
 University of North Texas - Denton, TX  
 University of South Florida - Sarasota-Manatee, FL  
 University of Tampa, FL  
 University of Tennessee - Chattanooga, TN  
 University of the Cumberlands, KY  
 Vanguard University of Southern California, CA  
 Volunteer State Community College, TN  
 Washburn University, KS  
 Wayland Baptist University, TX  
 Western Oklahoma State College, OK  
 Western Wyoming Community College, WY  
 Wiley College, TX  
 Wilmington University, DE

Total Number of Institutions	Total Number of Students
136	207,003

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

Page 3

**2023 Comparative Data Guide**  
**Distribution of Institutional Mean Total Scores**  
**All Institution Types**  
**All Students**  
*July 2018 through June 2023*

Number of Institutions	Mean	Standard Deviation
136	436.1	8.4

Mean Total Score	No. of Institutions	Percent Below
470 to 500.00	0	100
469 to 469.99	1	99
468 to 468.99	0	99
467 to 467.99	0	99
466 to 466.99	0	99
465 to 465.99	0	99
464 to 464.99	0	99
463 to 463.99	0	99
462 to 462.99	0	99
461 to 461.99	1	99
460 to 460.99	0	99
459 to 459.99	0	99
458 to 458.99	0	99
457 to 457.99	0	99
456 to 456.99	0	99
455 to 455.99	0	99
454 to 454.99	2	97
453 to 453.99	1	96
452 to 452.99	1	96
451 to 451.99	0	96
450 to 450.99	1	95
449 to 449.99	2	93
448 to 448.99	0	93
447 to 447.99	1	93

Mean Total Score	No. of Institutions	Percent Below
446 to 446.99	4	90
445 to 445.99	2	88
444 to 444.99	4	85
443 to 443.99	3	83
442 to 442.99	5	79
441 to 441.99	5	76
440 to 440.99	6	71
439 to 439.99	6	67
438 to 438.99	6	63
437 to 437.99	9	56
436 to 436.99	8	50
435 to 435.99	8	44
434 to 434.99	9	38
433 to 433.99	6	33
432 to 432.99	4	30
431 to 431.99	5	26
430 to 430.99	7	21
429 to 429.99	5	18
428 to 428.99	2	16
427 to 427.99	3	14
426 to 426.99	2	13
425 to 425.99	6	8
400 to 424.99	11	0

**2023 Comparative Data Guide**  
**Distribution of Institutional Mean Subscores**  
**All Institution Types**  
**All Students**  
*July 2018 through June 2023*

Skill	Number of Institutions	Mean	Standard Deviation
Critical Thinking	136	109.8	2.1
Reading	136	115.1	2.6
Writing	136	112.4	1.9
Mathematics	136	111.8	2.2
Humanities	136	113.8	2.1
Social Sciences	136	111.8	2.1
Natural Sciences	136	113.4	2.0

**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	0	100
121 to 121.99	0	100
120 to 120.99	0	100
119 to 119.99	1	99
118 to 118.99	0	99
117 to 117.99	0	99
116 to 116.99	0	99
115 to 115.99	1	99
114 to 114.99	3	96
113 to 113.99	2	95
112 to 112.99	9	88
111 to 111.99	18	75
110 to 110.99	26	56
109 to 109.99	32	32
108 to 108.99	20	18
107 to 107.99	13	8
106 to 106.99	9	1
100 to 105.99	2	0

**Reading**

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	2	98
120 to 120.99	0	98
119 to 119.99	5	94
118 to 118.99	8	88
117 to 117.99	13	79
116 to 116.99	21	63
115 to 115.99	22	47
114 to 114.99	24	29
113 to 113.99	14	19
112 to 112.99	8	13
111 to 111.99	9	7
110 to 110.99	4	4
109 to 109.99	4	1
108 to 108.99	1	0
107 to 107.99	0	0
106 to 106.99	0	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	0	100
121 to 121.99	0	100
120 to 120.99	0	100
119 to 119.99	0	100
118 to 118.99	2	99
117 to 117.99	0	99
116 to 116.99	2	97
115 to 115.99	4	94
114 to 114.99	16	82
113 to 113.99	28	62
112 to 112.99	32	38
111 to 111.99	24	21
110 to 110.99	13	11
109 to 109.99	10	4
108 to 108.99	3	1
107 to 107.99	2	0
106 to 106.99	0	0
100 to 105.99	0	0

**Humanities**

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	5	95
116 to 116.99	9	88
115 to 115.99	25	70
114 to 114.99	23	53
113 to 113.99	28	32
112 to 112.99	21	17
111 to 111.99	13	7
110 to 110.99	2	6
109 to 109.99	5	2
108 to 108.99	2	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	0	100
123 to 123.99	0	100
122 to 122.99	0	100
121 to 121.99	0	100
120 to 120.99	0	100
119 to 119.99	0	100
118 to 118.99	2	99
117 to 117.99	3	96
116 to 116.99	3	94
115 to 115.99	3	92
114 to 114.99	7	87
113 to 113.99	14	76
112 to 112.99	23	60
111 to 111.99	35	34
110 to 110.99	22	18
109 to 109.99	13	8
108 to 108.99	6	4
107 to 107.99	4	1
106 to 106.99	1	0
100 to 105.99	0	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	0	100
122 to 122.99	0	100
121 to 121.99	0	100
120 to 120.99	1	99
119 to 119.99	0	99
118 to 118.99	0	99
117 to 117.99	0	99
116 to 116.99	4	96
115 to 115.99	2	95
114 to 114.99	8	89
113 to 113.99	24	71
112 to 112.99	23	54
111 to 111.99	31	32
110 to 110.99	19	18
109 to 109.99	12	9
108 to 108.99	6	4
107 to 107.99	6	0
106 to 106.99	0	0
100 to 105.99	0	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	0	100
123 to 123.99	0	100
122 to 122.99	0	100
121 to 121.99	0	100
120 to 120.99	1	99
119 to 119.99	0	99
118 to 118.99	2	98
117 to 117.99	4	95
116 to 116.99	3	93
115 to 115.99	15	82
114 to 114.99	26	63
113 to 113.99	26	43
112 to 112.99	27	24
111 to 111.99	18	10
110 to 110.99	6	6
109 to 109.99	7	1
108 to 108.99	1	0
107 to 107.99	0	0
106 to 106.99	0	0
100 to 105.99	0	0

Page 7

**2023 Comparative Data Guide**  
**Distribution of Individual Students' Total Scores**  
**All Institution Types**  
**All Students**  
*July 2018 through June 2023*

Number of Students	Mean	Standard Deviation
131,427*	435.8	19.8

Percentile	Scaled Score
90 <sup>th</sup>	464
75 <sup>th</sup>	447
50 <sup>th</sup>	433
25 <sup>th</sup>	421
10 <sup>th</sup>	413

Scaled Score	Percent Below
--------------	---------------

Scaled Score	Percent Below
--------------	---------------

Scaled Score	Percent Below
--------------	---------------

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	99
487	99
486	98
485	98
484	98
483	97
482	97
481	97
480	97
479	96
478	96
477	96
476	95

475	95
474	95
473	94
472	94
471	94
470	93
469	92
468	92
467	91
466	91
465	91
464	90
463	89
462	88
461	88
460	88
459	86
458	85
457	85
456	85
455	81
454	81
453	81
452	81
451	77

450	77
449	77
448	75
447	73
446	72
445	72
444	68
443	68
442	67
441	64
440	62
439	62
438	60
437	57
436	55
435	54
434	51
433	49
432	48
431	43
430	43
429	41
428	39
427	35
426	35

425	32
424	30
423	30
422	27
421	25
420	23
419	20
418	20
417	19
416	13
415	12
414	10
413	9
412	9
411	6
410	6
409	5
408	4
407	3
406	2
405	2
404	2
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 4600 students to this data set, the score of each of its students has been weighted by the fraction  $4600/n$ , where  $n$  is the number of students from that institution. For example, if an institution tested 9200 students, the score of each of its students would receive a weight of  $4600/9200 = 1/2$ . In computing the statistics, each of its students would count only half as much as a student from an institution that tested 4600 or fewer students. Therefore, an institution testing 9200 students would influence the statistics just as much as if it had tested only 4600 students.

**2023 Comparative Data Guide**  
**Distribution of Individual Students' Subscores**  
**All Institution Types**  
**All Students**

*July 2018 through June 2023*

	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
<b>Number of Students</b>	<b>131,427*</b>	<b>131,427*</b>	<b>131,427*</b>	<b>131,427*</b>	<b>131,427*</b>	<b>131,427*</b>	<b>131,427*</b>
<b>Mean Score</b>	<b>109.6</b>	<b>115.2</b>	<b>112.5</b>	<b>111.6</b>	<b>113.8</b>	<b>111.8</b>	<b>113.4</b>
<b>Standard Deviation</b>	<b>6.3</b>	<b>7.5</b>	<b>5.4</b>	<b>5.8</b>	<b>6.6</b>	<b>6.3</b>	<b>6.2</b>
Percentile	Critical Thinking	Reading	Writing	Mathematics	Humanities	Social Sciences	Natural Sciences
<b>90<sup>th</sup></b>	<b>120</b>	<b>126</b>	<b>120</b>	<b>120</b>	<b>124</b>	<b>121</b>	<b>122</b>
<b>75<sup>th</sup></b>	<b>114</b>	<b>122</b>	<b>116</b>	<b>115</b>	<b>118</b>	<b>117</b>	<b>118</b>
<b>50<sup>th</sup></b>	<b>109</b>	<b>115</b>	<b>113</b>	<b>110</b>	<b>112</b>	<b>112</b>	<b>113</b>
<b>25<sup>th</sup></b>	<b>105</b>	<b>110</b>	<b>108</b>	<b>107</b>	<b>108</b>	<b>107</b>	<b>109</b>
<b>10<sup>th</sup></b>	<b>102</b>	<b>106</b>	<b>105</b>	<b>105</b>	<b>106</b>	<b>104</b>	<b>106</b>

**Skills Subscores: Percent of Students Below Each Scaled Score**

Scaled Score	Critical Thinking	Reading	Writing	Mathematics
130	>99	97	>99	>99
129	>99	97	>99	>99
128	>99	96	>99	>99
127	99	91	>99	98
126	99	89	>99	98
125	99	89	99	97
124	97	83	99	96
123	95	80	96	92
122	95	75	96	92
121	92	71	92	92
120	89	67	88	86
119	89	66	84	86
118	86	58	84	85

117	86	57	78	80
116	82	57	67	76
115	79	47	66	71
114	75	42	59	70
113	74	41	48	64
112	65	41	47	53
111	60	31	36	52
110	59	23	28	45
109	48	22	27	34
108	47	21	16	31
107	35	10	15	15
106	29	10	11	11
105	24	8	8	6
104	15	4	5	4
103	13	2	3	2
102	5	2	1	1
101	2	1	1	1
100	0	0	0	0

Page 9

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

Scaled Score	Humanities	SocialSciences	Natural Sciences
130	>99	>99	>99
129	99	>99	>99
128	97	>99	>99
127	97	99	>99
126	95	97	96
125	93	96	96
124	90	96	93
123	86	94	92
122	86	90	89
121	81	87	84
120	77	87	80
119	76	83	75
118	70	82	75
117	64	72	68
116	59	70	68
115	58	65	56
114	56	64	55
113	51	64	50
112	36	48	47
111	35	48	32
110	34	40	25
109	29	40	24
108	21	38	23
107	15	20	12
106	6	14	7
105	5	12	7
104	3	9	6
103	2	2	2
102	<1	1	2
101	<1	<1	2
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 4600 students to this data set, the score of each of its students has been weighted by the fraction  $4600/n$ , where  $n$  is the number of students from that institution. For example, if an institution tested 9200 students, the score of each of its students would receive a weight of  $4600/9200 = 1/2$ . In computing the statistics, each of its students would count only half as much as a student from an institution that tested 4600 or fewer students. Therefore, an institution testing 9200 students would influence the statistics just as much as if it had tested only 4600 students.

**2023 Comparative Data Guide**  
**Summary of Proficiency Classifications — All Students,**  
**All Institution Types**  
*July 2018 through June 2023*

Total Number of Students	Weighted Number of Students
207,003	131,427 *

**Percent of Students Classified**

Skill Dimension and Level	Classified as Proficient	Classified as Marginal	Classified as Non-Proficient
<b>Critical Thinking</b>	3%	8%	89%
<b>Reading, Level 2</b>	20%	14%	66%
<b>Reading, Level 1</b>	42%	19%	39%
<b>Writing, Level 3</b>	4%	16%	80%
<b>Writing, Level 2</b>	12%	25%	64%
<b>Writing, Level 1</b>	41%	32%	27%
<b>Mathematics, Level 3</b>	4%	11%	85%
<b>Mathematics, Level 2</b>	16%	22%	62%
<b>Mathematics, Level 1</b>	36%	23%	41%

\*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 4600 students to this data set, the score of each of its students has been weighted by the fraction  $4600/n$ , where  $n$  is the number of students from that institution. For example, if an institution tested 9200 students, the score of each of its students would receive a weight of  $4600/9200 = 1/2$ . In computing the statistics, each of its students would count only half as much as a student from an institution that tested 4600 or fewer students. Therefore, an institution testing 9200 students would influence the statistics just as much as if it had tested only 4600 students.

**2023 Comparative Data Guide**  
**Demographic Summary**  
**All Institution Types**  
**All Students**  
*July 2018 through June 2023*

**Percent in Demographic Category**

<b>Age</b>	<b>Unweighted Data</b>	<b>Weighted Data*</b>
<b>Under 20</b>	<b>12%</b>	<b>19%</b>
<b>20 to 29</b>	<b>38%</b>	<b>54%</b>
<b>30 to 39</b>	<b>11%</b>	<b>15%</b>
<b>40 to 49</b>	<b>5%</b>	<b>7%</b>
<b>50 to 59</b>	<b>34%</b>	<b>6%</b>
<b>60 or more</b>	<b>&lt;1%</b>	<b>&lt;1%</b>

<b>Gender</b>	<b>Unweighted Data</b>	<b>Weighted Data*</b>
<b>Male</b>	<b>60%</b>	<b>40%</b>
<b>Female</b>	<b>40%</b>	<b>60%</b>

<b>Ethnicity</b>	<b>Unweighted Data</b>	<b>Weighted Data*</b>
<b>African American</b>	<b>12%</b>	<b>18%</b>
<b>American Indian/Alaskan Native</b>	<b>1%</b>	<b>1%</b>
<b>Asian/Asian American/Pacific Is.</b>	<b>3%</b>	<b>4%</b>
<b>Black Hispanic</b>	<b>1%</b>	<b>1%</b>
<b>Hispanic</b>	<b>37%</b>	<b>11%</b>
<b>Latin American</b>	<b>1%</b>	<b>2%</b>
<b>White</b>	<b>42%</b>	<b>59%</b>
<b>Other</b>	<b>4%</b>	<b>5%</b>

<b>Best Language</b>	<b>Unweighted Data</b>	<b>Weighted Data*</b>
<b>English</b>	<b>51%</b>	<b>77%</b>
<b>Other Language</b>	<b>10%</b>	<b>14%</b>
<b>Both Equal</b>	<b>39%</b>	<b>8%</b>

Page 12

<b>Enrollment Status</b>	<b>Unweighted Data</b>	<b>Weighted Data*</b>
<b>Full Time</b>	<b>80%</b>	<b>81%</b>
<b>Part Time</b>	<b>20%</b>	<b>19%</b>

<b>Credit Hours Transferred</b>	<b>Unweighted Data</b>	<b>Weighted Data*</b>
<b>None</b>	<b>41%</b>	<b>60%</b>
<b>0-15 Hours Transferred</b>	<b>5%</b>	<b>8%</b>
<b>16-30 Hours Transferred</b>	<b>38%</b>	<b>12%</b>
<b>&gt;30 Hours Transferred</b>	<b>16%</b>	<b>20%</b>

<b>Hours Worked for Wages</b>	<b>Unweighted Data</b>	<b>Weighted Data*</b>
-------------------------------	------------------------	-----------------------

<b>None</b>	<b>12%</b>	<b>20%</b>
<b>1-15 Hours</b>	<b>11%</b>	<b>18%</b>
<b>16-30 Hours</b>	<b>14%</b>	<b>22%</b>
<b>&gt;30 Hours</b>	<b>63%</b>	<b>41%</b>

<b>Cumulative GPA</b>	<b>Unweighted Data</b>	<b>Weighted Data*</b>
<b>3.50-4.00</b>	<b>29%</b>	<b>42%</b>
<b>3.00-3.49</b>	<b>57%</b>	<b>37%</b>
<b>2.50-2.99</b>	<b>10%</b>	<b>15%</b>
<b>2.00-2.49</b>	<b>3%</b>	<b>5%</b>
<b>1.00-1.99</b>	<b>&lt;1%</b>	<b>&lt;1%</b>
<b>Less than 1.00</b>	<b>&lt;1%</b>	<b>&lt;1%</b>

\*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 4600 students to this data set, the score of each of its students has been weighted by the fraction  $4600/n$ , where  $n$  is the number of students from that institution. For example, if an institution tested 9200 students, the score of each of its students would receive a weight of  $4600/9200 = 1/2$ . In computing the statistics, each of its students would count only half as much as a student from an institution that tested 4600 or fewer students. Therefore, an institution testing 9200 students would influence the statistics just as much as if it had tested only 4600 students.