



Tennessee Higher Education
Fact Book 2020-2021

Pursuant to Tennessee Code Annotated § 49-7-210, the Tennessee Higher Education Commission shall produce each year a Fact Book to address the topics of access, efficiency, productivity, and quality in public higher education. The Fact Book does so by including the following performance categories and illustrative indicators:

- (1) Student preparation, such as admission rates, freshman class profiles, and learning support placement and success rates, by subject area;
- (2) Student participation, such as college-going rates, overall enrollment, and enrollment by critical student subpopulations;
- (3) Student progression, such as end-of-term enrollment counts, freshman-to-sophomore retention rates, the number of students passing credit hour benchmarks under the higher education funding formula and lottery scholarship renewal rates;
- (4) Student success and completion, such as student transfer activity and subsequent academic performance, graduation rates, time to degree, credentials awarded, and credentials awarded per one hundred (100) full-time equivalent enrolled students;
- (5) Workforce participation, such as labor market supply and demand, employer satisfaction survey results, job placement rates, and licensure passage rates;
- (6) Academic trends, such as student engagement survey results, changes to the academic program inventory, low-producing academic programs, the number and percentage of accredited programs, and the percentage of lower division instructional courses taught by full-time faculty, part-time faculty, and graduate assistants;
- (7) Financing trends, such as state appropriation levels and net tuition revenues, state and total subsidies per student, and degree costs; and
- (8) Affordability trends, such as in-state and out-of-state tuition rates, net costs of attendance, and need-based and merit-based student financial aid.

Acknowledgements

The Tennessee Higher Education Commission gratefully acknowledges the institutions and agencies that provide the data necessary to compile the *Tennessee Higher Education Fact Book*. This and other THEC publications would be impossible without the timely submission of data by the following data providers:

- the Tennessee Board of Regents and its institutions;
- the University of Tennessee and its institutions;
- the Locally Governed Institutions;
- the Tennessee Independent Colleges and Universities Association;
- the THEC Division of Postsecondary School Authorization; and
- the Tennessee Student Assistance Corporation.

Privacy Notice

Throughout this report, THEC complies with Family Educational Rights and Privacy Act (FERPA) requirements to protect students' personally identifiable information. Therefore, when tables are presented, individual cells containing five or fewer observations are suppressed. The suppressed information is included in table totals. Observations of fewer than 10 students are suppressed within the Quality Assurance Funding Section.

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Introduction

THEC's Mission

The Tennessee Higher Education Commission is relentlessly focused on increasing the number of Tennesseans with a postsecondary credential.

About THEC

The Tennessee Higher Education Commission was created in 1967 by the Tennessee General Assembly to coordinate and foster unity within higher education. There are currently nine public universities, 13 community colleges, and 27 TCATs in Tennessee that serve nearly 240,000 students collectively. Tennessee's independent institutions (including non-profit and for-profit) bring statewide enrollment for fall 2020 to more than 360,000 students.

About the 2020-2021 Tennessee Higher Education Fact Book

This year's Tennessee Higher Education Fact Book consists of five sections and an appendix of additional resources and terminology. The five main sections of the report provide data on Student Participation, Student Success, Academic and Fiscal Trends, Quality Assurance Funding, and Outcomes-Based Funding. Each section begins with either an introductory overview or a summary of key takeaways.

Unlike previous iterations of the report, static institutional profiles are not included as a distinct section of the report. Instead, a separate dynamic institutional profile dashboard has been developed to coincide with the release of the Fact Book. Once available, the dashboard may be accessed on [the Fact Book landing page](#).

Also new this year, the sections on Student Participation and Student Success contain new tables that disaggregate data by race and ethnicity to a greater extent than in prior reports.

Data Sources

Data for the annual Tennessee Higher Education Fact Book come from multiple sources, which include:

- THEC Student Information System (THEC SIS)
- THEC Fiscal Policy Division
- THEC Academic Affairs Division
- THEC Division of Postsecondary School Authorization
- Tennessee Board of Regents
- University of Tennessee System
- Locally Governed Institutions
- Tennessee Independent Colleges and Universities Association
- National Student Clearinghouse
- Southern Regional Education Board

The respective data sources are noted below each table and figure within the report.

Note on COVID-19

COVID-19 presented unprecedented and unpredictable circumstances for Tennessee postsecondary education. Many of the tables and figures presented in this report may not be comparable to prior years due to the impact of the COVID-19 pandemic.

Tennessee Higher Education Commission 2021-22 Commission Members

Mr. Evan Cope, **Chair**, Murfreesboro (Middle Tennessee)

Dr. Nancy Dishner, Jonesborough (East Tennessee)

Ms. Pam Koban, Nashville (Middle Tennessee)

Mr. Jay Moser, Jefferson City (East Tennessee)

Ms. Tara Scarlett, Nashville (Middle Tennessee)

Mr. Vernon Stafford, Jr., **Vice Chair**, Collierville (West Tennessee)

Mr. Frank L. Watson, Jr., Memphis (West Tennessee)

Mayor A C Wharton, Jr., **Secretary**, Memphis (West Tennessee)

Ms. Dakasha Winton, **Vice Chair**, Chattanooga (East Tennessee)

Mr. Tre Hargett, Secretary of State

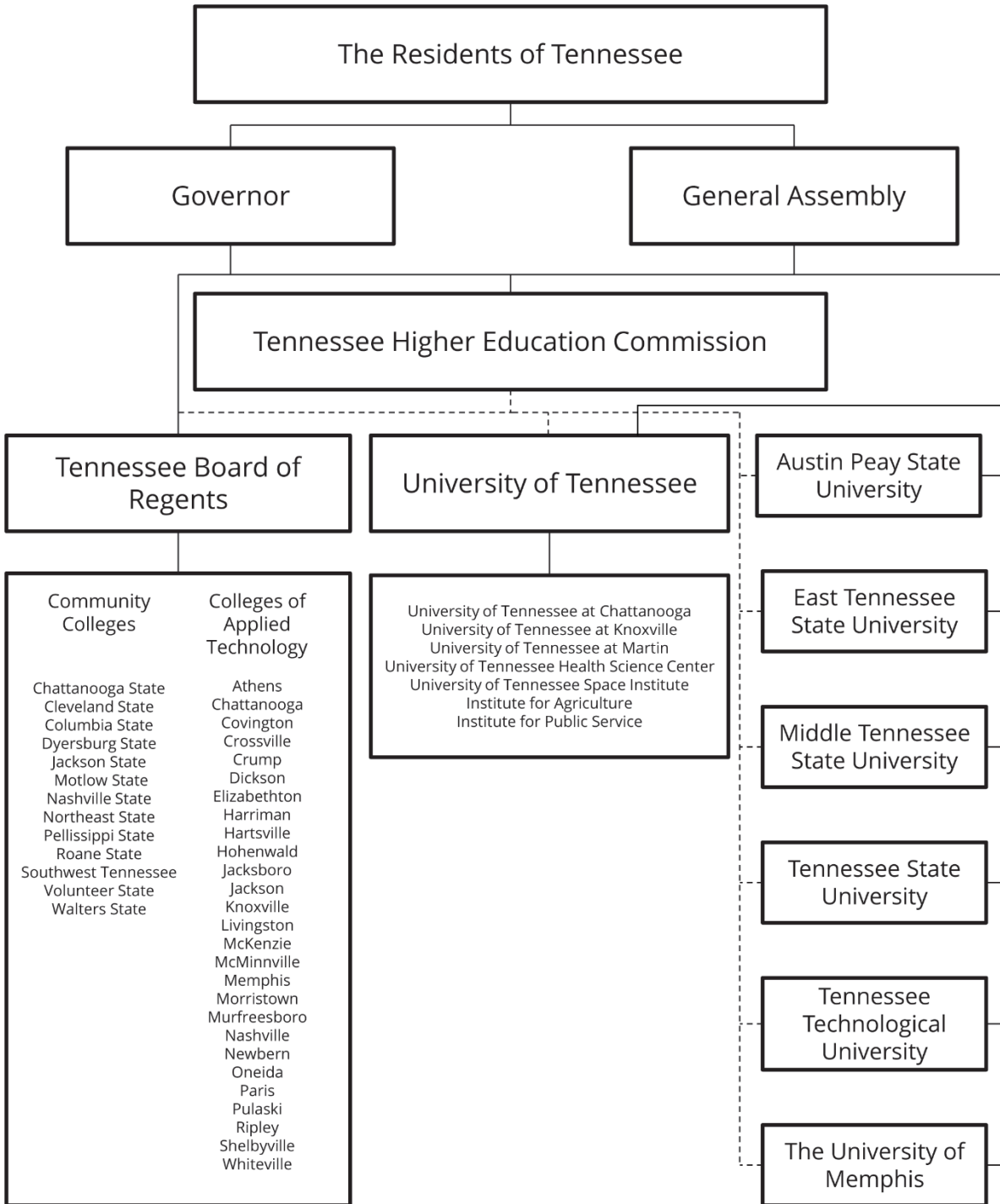
Mr. David H. Lillard, Jr., State Treasurer

Mr. Jason E. Mumpower, State Comptroller

Dr. Sara Heyburn Morrison, Executive Director, State Board of Education, non-voting ex-officio

Mr. Dawson Hassler, Tennessee Tech University, voting student member

Tennessee Public Higher Education Governance/Coordination Structure



Tennessee Independent Colleges and Universities Association

Member Institutions

TICUA Office
www.ticua.org
Nashville

King University
www.king.edu
Bristol

Rhodes College
www.rhodes.edu
Memphis

Aquinas College
www.aquinascollege.edu
Nashville

Lane College
www.lanecollege.edu
Jackson

Sewanee: The University of the South
www.sewanee.edu
Sewanee

Baptist Health Sciences University
www.baptistu.edu
Memphis

Lee University
www.leeuniversity.edu
Cleveland

Southern Adventist University
www.southern.edu
Collegedale

Belmont University
www.belmont.edu
Nashville

LeMoyne-Owen College
www.loc.edu
Memphis

Southern College of Optometry
www.sco.edu
Memphis

Bethel University
www.bethelu.edu
McKenzie

Lincoln Memorial University
www.lmunet.edu
Harrogate

Tennessee Wesleyan University
www.twcnet.edu
Athens

Bryan College
www.bryan.edu
Dayton

Lipscomb University
www.lipscomb.edu
Nashville

Trevecca Nazarene University
www.trevecca.edu
Nashville

Carson-Newman University
www.cn.edu
Jefferson City

Martin Methodist College
www.martinmethodist.edu
Pulaski

Tusculum University
www.tusculum.edu
Greeneville

Christian Brothers University
www.cbu.edu
Memphis

Maryville College
www.maryvillecollege.edu
Maryville

Union University
www.uu.edu
Jackson

Cumberland University
www.cumberland.edu
Lebanon

Meharry Medical College
www.mmc.edu
Nashville

Vanderbilt University
www.vanderbilt.edu
Nashville

Fisk University
www.fisk.edu
Nashville

Memphis College of Art
www.mca.edu
Memphis

Welch College
www.welch.edu
Nashville

Freed-Hardeman University
www.fhu.edu
Henderson

Middle Tennessee School of Anesthesia
www.mtsa.edu
Madison

Johnson University
www.johnsonu.edu
Knoxville

Milligan College
www.milligan.edu
Milligan

Section I:

Student Participation

Fall 2020



Overview and Key Takeaways

This section provides an overview of student enrollment across Tennessee postsecondary education for fall 2020 and academic year 2019-2020, over time, and by institution. The data included here reflect headcounts (distinct unless otherwise noted), full-time equivalent (FTE) enrollment, enrollment intensity (full-time and part-time enrollment), student level (undergraduate and graduate), college-going rates by county and institutional sector, undergraduate student demographics, top major fields for enrollment, off-campus site and center enrollment, and academic preparation (average ACT scores for entering freshmen cohorts, community college Learning Support enrollment, and SAILS participation).

Data sources and relevant notes are indicated beneath each table and figure.

Key Takeaways

COVID-19's impact on Tennessee postsecondary education is reflected in many data points presented in this section. As illustrated in Figure 1.3, the total headcount and FTE enrollments for public postsecondary education declined in aggregate from fall 2019 to fall 2020. This change in enrollment, however, varies by institution and student level. Declines are most prominent within the community college sector (Tables 1.1 and 1.3) and within undergraduate enrollment (Table 1.6). Graduate and professional enrollment, however, increased across most all universities (Table 1.6). COVID-19-attributed declines are also observed within SAILS participation and completion (Tables 1.13 and 1.14). Changes in Learning Support placement policy in fall 2020, which allowed for the use of high school GPA, led to fewer incoming freshmen requiring learning support.

This year's Fact Book includes a new table on "Public Undergraduate Headcount by Race/Ethnicity" (Table 1.8). Previously captured under the "Non-White" column in Table 1.7, this new table provides deeper insight into the demographic composition of institutions and Tennessee's total undergraduate enrollment.

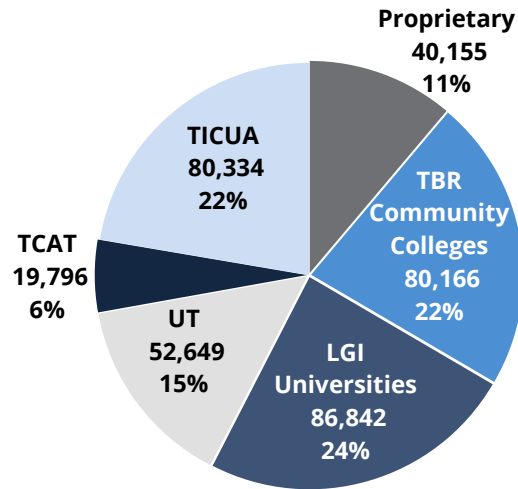
TCAT FTE calculations (Table 1.4) have been revised in this year's Fact Book to better reflect reporting by the Tennessee Board of Regents (TBR).

The statewide college-going rate, which represents the share of public high school graduates enrolling in postsecondary education in the summer or fall immediately after high school (i.e., seamlessly enrolling), dropped from 61.8% for the Class of 2019 to 56.9% for the Class of 2020.

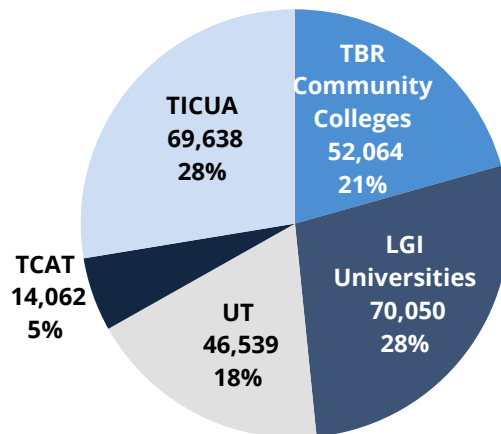
Note on Institutional Profiles

In prior years, the first section of the Tennessee Higher Education Fact Book presented separate institutional profiles for each of the 13 community colleges and 9 universities. In lieu of static institutional profiles in this year's report, an interactive dashboard is forthcoming. Once available, the dashboard will be accessible on [the Fact Book landing page](#).

**Figure 1.1
Headcount by Sector
Fall 2020**



**Figure 1.2
FTE by Sector
Fall 2020**

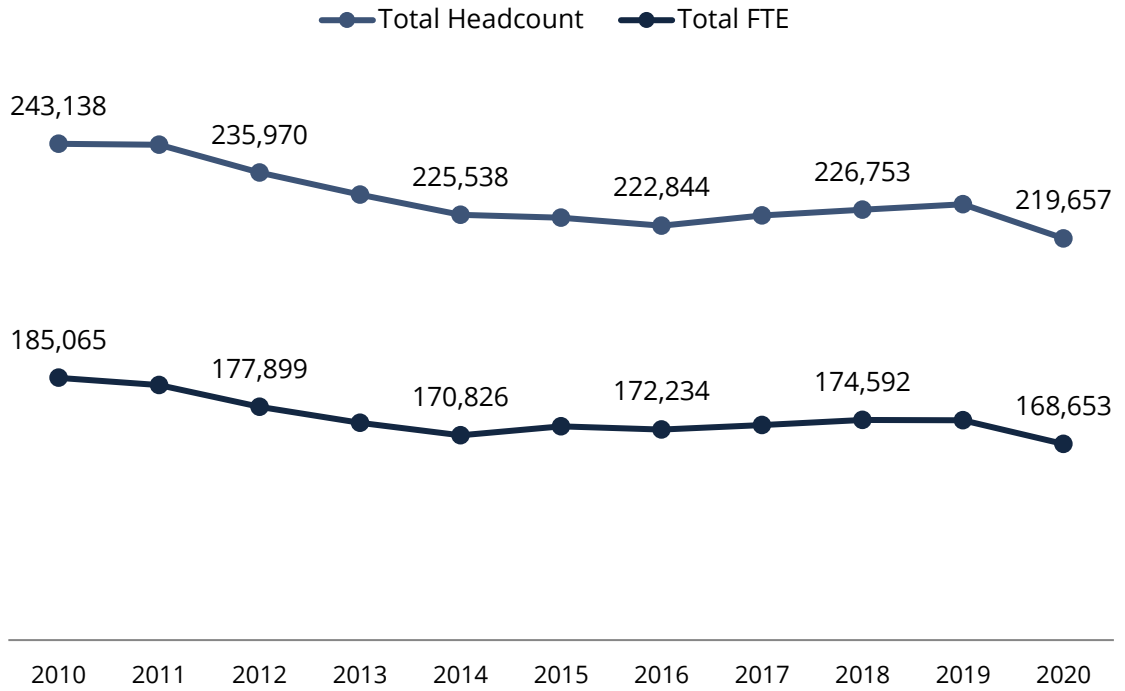


Source: THEC Student Information System (THEC SIS), THEC Postsecondary School Authorization, TN Board of Regents (TBR), TN Independent Colleges and Universities Association (TICUA)

Notes:

- **Proprietary sector enrollment** is reported annually. To isolate the proprietary sector's fall enrollment, the ratio of public institutions' fall enrollment to 12-month enrollment was averaged over three years (2018, 2019, and 2020). This percentage (82.2 percent) was then applied to the 2019-20 headcount of the proprietary sector to derive the estimated fall headcount. Proprietary enrollment is preliminary.
- Public and TICUA institution headcount and FTE are based on end-of-term data. TCAT enrollment and FTE are preliminary. Due to limitations in the data, Figure 1.2 does not report FTE for the proprietary sector. Excludes not-for-profit private institutions not participating in TICUA.
- UT Health Science Center, UT Veterinary School, ETSU College of Medicine and College of Pharmacy FTE are equivalent to headcount.

Figure 1.3
Public Community College and University Enrollment Trends
Fall 2010 - Fall 2020



Source: THEC SIS

Table 1.1

Public Headcount by Institution Fall Terms 2010 and 2015 - 2020							
Institution	2010	2015	2016	2017	2018	2019	2020
TBR Community Colleges							
Chattanooga State Community College	10,436	9,436	8,677	8,504	8,338	8,148	7,604
Cleveland State Community College	3,754	3,530	3,323	3,016	3,272	3,383	3,101
Columbia State Community College	5,648	5,415	5,754	5,948	6,346	6,455	6,056
Dyersburg State Community College	3,759	2,873	2,819	2,860	2,981	2,849	2,732
Jackson State Community College	5,375	4,837	4,694	4,786	4,875	4,946	4,293
Motlow State Community College	5,256	5,295	5,850	6,622	6,913	7,023	6,566
Nashville State Community College	9,906	10,701	9,506	8,318	8,337	8,019	7,101
Northeast State Community College	6,780	6,086	6,144	6,124	6,147	6,100	5,460
Pellissippi State Community College	11,169	10,456	10,382	11,396	11,073	10,800	9,463
Roane State Community College	6,881	6,012	5,743	5,776	5,870	6,016	5,329
Southwest Tennessee Community College	13,506	9,244	8,452	9,220	9,496	9,653	7,811
Volunteer State Community College	9,029	8,075	8,686	8,874	9,202	9,227	8,884
Walters State Community College	6,960	5,971	6,002	6,125	6,228	6,327	5,766
TBR Community College Total	98,459	87,931	86,032	87,569	89,078	88,946	80,166
Locally Governed Institutions							
Austin Peay State University	10,744	10,123	10,402	10,556	11,058	11,126	10,477
East Tennessee State University	14,999	14,424	14,127	14,448	14,366	14,273	13,770
Middle Tennessee State University	26,654	22,662	22,147	22,024	21,743	21,826	22,175
Tennessee State University	8,961	9,179	8,768	8,470	7,790	8,123	7,645
Tennessee Technological University	11,528	10,952	10,535	10,562	10,236	10,187	10,249
University of Memphis	22,586	20,699	21,453	21,722	21,631	21,975	22,526
LGI - University Total	95,472	88,039	87,432	87,782	86,824	87,510	86,842
UT Universities							
University of Tennessee, Chattanooga	10,726	11,344	11,497	11,590	11,569	11,576	11,694
University of Tennessee, Knoxville	27,306	27,640	28,104	28,475	28,960	29,542	30,649
University of Tennessee, Martin	8,479	6,791	6,682	6,755	7,038	7,277	7,121
University of Tennessee, Medical Health Sci Center	2,696	3,075	3,097	3,200	3,284	3,250	3,185
UT University Total	49,207	48,850	49,380	50,020	50,851	51,645	52,649
UT University Total	144,679	136,889	136,812	137,802	137,675	139,155	139,491
Grand Total	243,138	224,820	222,844	225,371	226,753	228,101	219,657

Source: THEC SIS

Notes:

- East Tennessee State University includes the Medical and Pharmacy schools.
- The University of Tennessee, Knoxville includes the Veterinary School and the UT Space Institute.
- Enrollments are for credit-bearing courses only.
- Based on end-of-term data.

Table 1.2

14th Day Enrollment and End of Term Headcount Enrollment Fall 2020			
Institution	14th Day	End Of Term	Percent Change
TBR Community Colleges			
Chattanooga State Community College	7,451	7,604	2.1%
Cleveland State Community College	3,074	3,101	0.9%
Columbia State Community College	5,931	6,056	2.1%
Dyersburg State Community College	2,650	2,732	3.1%
Jackson State Community College	4,209	4,293	2.0%
Motlow State Community College	6,526	6,566	0.6%
Nashville State Community College	7,064	7,101	0.5%
Northeast State Community College	5,396	5,460	1.2%
Pellissippi State Community College	9,333	9,463	1.4%
Roane State Community College	5,170	5,329	3.1%
Southwest Tennessee Community College	7,371	7,811	6.0%
Volunteer State Community College	8,830	8,884	0.6%
Walters State Community College	5,742	5,766	0.4%
TBR Community College Total	78,747	80,166	1.8%
Locally Governed Institutions			
Austin Peay State University	10,272	10,477	2.0%
East Tennessee State University	13,713	13,770	0.4%
Middle Tennessee State University	22,080	22,175	0.4%
Tennessee State University	7,613	7,645	0.4%
Tennessee Technological University	10,176	10,249	0.7%
University of Memphis	22,205	22,526	1.4%
LGI - University Total	86,059	86,842	0.9%
UT Universities			
University of Tennessee, Chattanooga	11,682	11,694	0.1%
University of Tennessee, Knoxville	30,247	30,649	1.3%
University of Tennessee, Martin	7,107	7,121	0.2%
University of Tennessee, Medical Health Sci Center	3,173	3,185	0.4%
UT University Total	52,209	52,649	0.8%
University Total	138,268	139,491	0.9%
Grand Total	217,015	219,657	1.2%

Source: THEC SIS

Notes:

- This table depicts the change in enrollment within a semester and is based on end-of-term data. **14th Day** represents the students captured at the **End of Term** who were enrolled at the beginning of term (i.e., 14th day).
- East Tennessee State University includes the Medical and Pharmacy schools.
- The University of Tennessee, Knoxville includes the Veterinary School and the UT Space Institute.
- End of term reflects student departures and students who enrolled after the 14th day.

Table 1.3

Public FTE Enrollment by Institution Fall Terms 2010 and 2015 - 2020							
Institution	2010	2015	2016	2017	2018	2019	2020
TBR Community Colleges							
Chattanooga State Community College	6,812	6,190	5,692	5,526	5,630	5,383	4,992
Cleveland State Community College	2,609	2,413	2,282	2,096	2,201	2,341	2,155
Columbia State Community College	3,701	3,634	3,812	4,033	4,361	4,465	4,201
Dyersburg State Community College	2,421	1,690	1,684	1,705	1,747	1,742	1,630
Jackson State Community College	3,415	2,907	2,956	2,931	3,039	3,135	2,655
Motlow State Community College	3,375	3,655	4,151	4,485	4,557	4,571	4,156
Nashville State Community College	5,621	6,272	5,587	5,107	5,173	4,984	4,421
Northeast State Community College	4,680	4,215	4,230	4,261	4,281	4,176	3,712
Pellissippi State Community College	7,346	6,777	6,637	7,206	7,202	6,972	6,110
Roane State Community College	4,511	3,891	3,776	3,652	3,925	3,983	3,531
Southwest Tennessee Community College	8,533	6,169	5,621	6,138	6,142	6,049	4,865
Volunteer State Community College	5,817	5,406	5,869	6,008	6,253	6,148	5,801
Walters State Community College	4,819	4,074	4,085	4,206	4,203	4,259	3,835
TBR Community College Total	63,658	57,292	56,380	57,355	58,713	58,207	52,064
Locally Governed Institutions							
Austin Peay State University	8,622	8,182	8,452	8,278	8,856	8,620	8,151
East Tennessee State University	12,814	12,347	12,310	12,567	12,690	12,525	12,099
Middle Tennessee State University	22,005	18,362	18,175	17,957	17,745	17,817	17,954
Tennessee State University	7,157	7,639	7,342	7,189	6,552	6,417	6,289
Tennessee Technological University	9,368	9,569	9,208	9,043	8,918	8,841	8,832
University of Memphis	17,779	16,112	16,744	16,535	16,197	16,479	16,726
LGI - University Total	77,746	72,212	72,230	71,568	70,958	70,700	70,050
UT Universities							
University of Tennessee, Chattanooga	9,788	9,886	10,029	10,301	10,380	10,514	10,554
University of Tennessee, Knoxville	24,218	24,603	24,827	25,212	25,676	26,256	27,181
University of Tennessee, Martin	6,959	5,989	5,670	5,719	5,582	5,647	5,620
University of Tennessee, Medical Health Sci Center	2,696	3,075	3,097	3,200	3,284	3,250	3,185
UT University Total	43,662	43,553	43,623	44,431	44,921	45,667	46,539
University Total	121,407	115,765	115,854	115,999	115,879	116,367	116,589
Grand Total	185,065	173,057	172,234	173,354	174,592	174,575	168,653

Source: THEC SIS

Notes:

- East Tennessee State University includes the Medical and Pharmacy schools.
- The University of Tennessee, Knoxville includes the Veterinary School and the UT Space Institute.
- UT Health Science Center, UT Veterinary School, ETSU College of Medicine and College of Pharmacy FTE are equivalent to headcount.
- Enrollments are for credit-bearing courses only.
- Based on end-of-term data.

Table 1.4

Tennessee Colleges of Applied Technology Enrollment Academic Year 2019 - 2020			
Institution	Headcount	FTE	Contact Hours
Athens	713	297	267,497
Chattanooga	1,937	955	859,519
Covington	495	257	231,504
Crossville	828	427	383,987
Crump	1,252	396	356,034
Dickson	1,247	756	680,118
Elizabethton	768	568	511,017
Harriman	606	265	238,533
Hartsville	905	345	310,387
Hohenwald	941	410	369,028
Jacksboro	465	263	236,555
Jackson	1017	517	465,617
Knoxville	1,650	807	726,673
Livingston	1,716	543	488,504
McKenzie	279	174	156,253
McMinnville	522	252	226,981
Memphis	2,018	1038	934,454
Morristown	1,329	750	675,002
Murfreesboro	7,029	728	655,537
Nashville	1,525	911	819,546
Newbern	713	386	347,199
Oneida/Huntsville	496	186	167,799
Paris	504	278	250,242
Pulaski	995	378	339,824
Ripley	356	192	172,747
Shelbyville	832	516	464,720
Whiteville	387	199	179,500
Grand Total	31,525	12,794	11,514,777

Source: THEC SIS

Notes:

- In previous reports, these data came from TBR; therefore, this table may not be suitable for year-over-year comparisons.
- **FTE** is calculated as the total number of contact hours for the academic year divided by 900.
- TCAT calculations are based on enrollment data from the summer, fall, and spring academic terms. This method is aligned with community college and university data reporting but differs from TCAT data reporting by TBR.

Figure 1.4
Full- and Part-Time Enrollment, Universities
Fall 2020

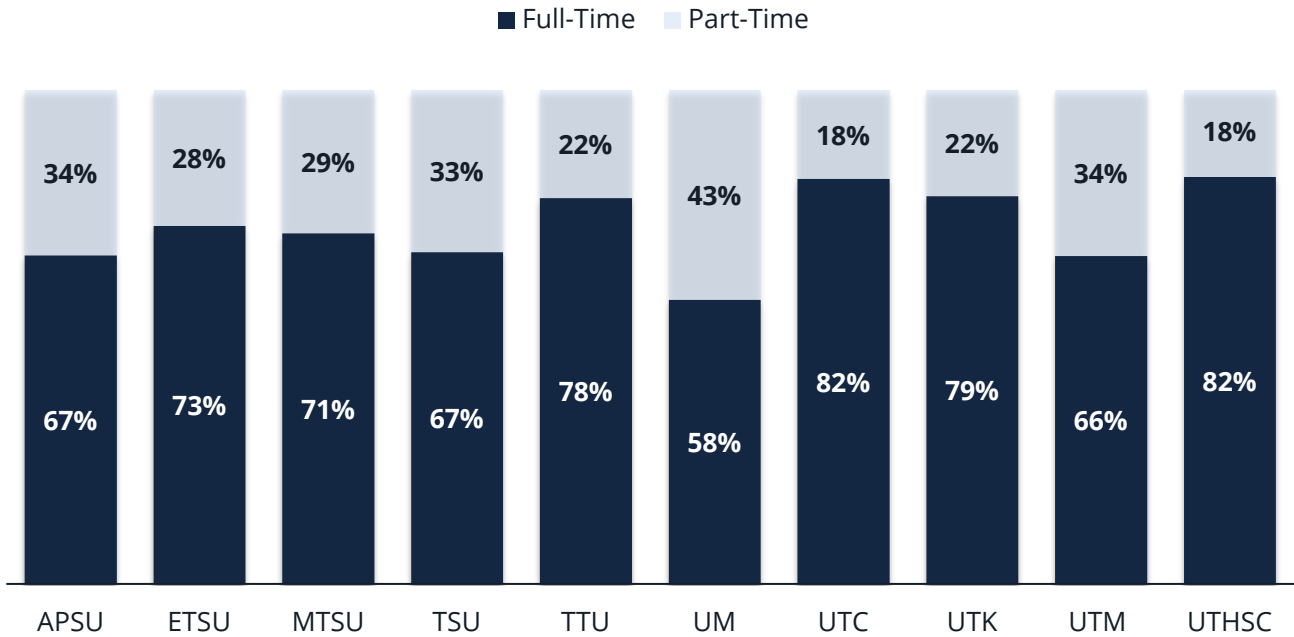
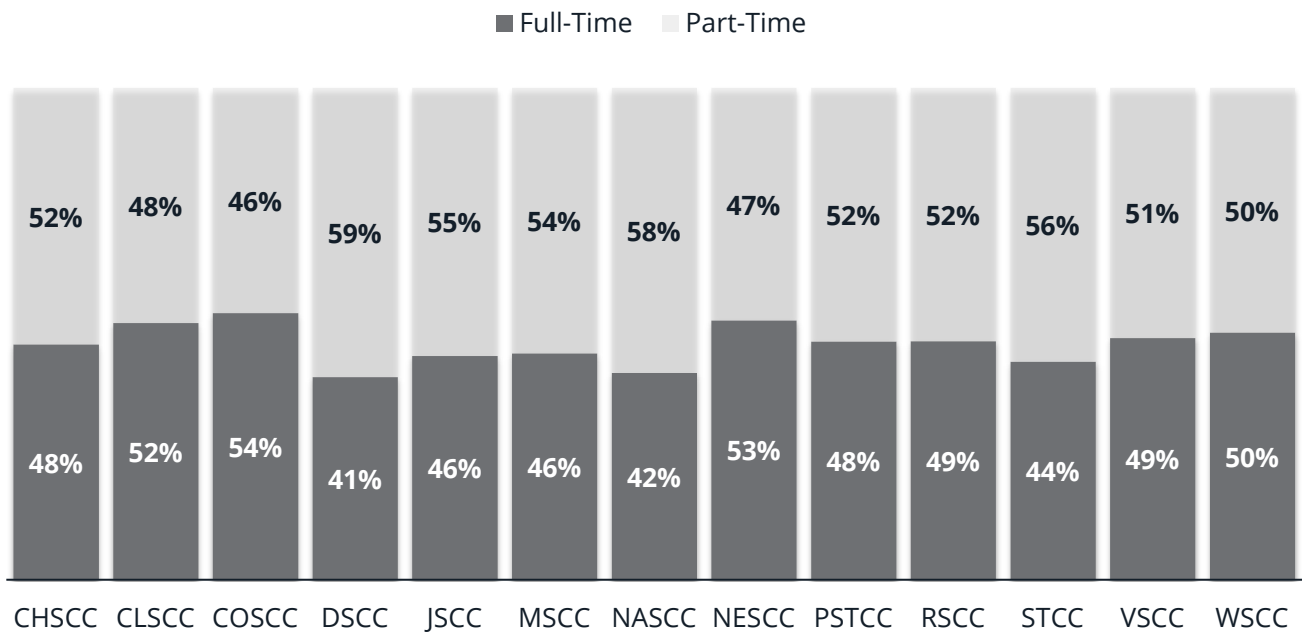


Figure 1.5
Full- and Part-Time Enrollment, Community Colleges
Fall 2020



Source: THEC SIS
 Note: Based on end-of-term data.

Table 1.5

College Going Rate by County					
Fall 2016 - Fall 2020					
County	2016	2017	2018	2019	2020
Anderson	69.2%	67.9%	68.2%	66.2%	62.6%
Bedford	49.7%	54.0%	56.0%	48.5%	47.0%
Benton	64.9%	55.3%	59.9%	57.9%	51.0%
Bledsoe	44.3%	53.3%	63.5%	58.0%	41.7%
Blount	62.3%	60.5%	64.0%	61.7%	58.9%
Bradley	65.9%	65.0%	65.0%	65.2%	63.3%
Campbell	48.5%	46.6%	57.3%	56.5%	47.3%
Cannon	57.5%	59.5%	54.5%	59.5%	44.3%
Carroll	76.0%	61.7%	66.1%	63.8%	70.1%
Carter	58.8%	62.4%	57.8%	61.2%	57.3%
Cheatham	64.4%	63.7%	55.2%	58.1%	56.3%
Chester	76.4%	64.3%	53.6%	60.8%	59.6%
Claiborne	63.3%	59.7%	56.8%	61.2%	45.8%
Clay	57.7%	67.2%	62.9%	62.0%	60.3%
Cocke	50.3%	49.1%	49.6%	49.1%	40.2%
Coffee	57.5%	58.2%	55.2%	57.0%	52.2%
Crockett	63.9%	63.8%	59.7%	64.0%	56.3%
Cumberland	60.6%	57.5%	53.1%	53.0%	49.5%
Davidson	61.5%	61.0%	56.2%	57.3%	51.6%
Decatur	77.9%	69.0%	72.5%	78.9%	71.6%
DeKalb	51.6%	51.6%	41.8%	53.2%	50.3%
Dickson	64.3%	57.5%	57.6%	57.4%	57.6%
Dyer	63.9%	70.1%	67.2%	68.0%	66.3%
Fayette	52.5%	56.4%	47.1%	55.4%	46.2%
Fentress	56.3%	67.1%	56.5%	55.9%	51.8%
Franklin	50.5%	53.4%	58.0%	57.3%	56.9%
Gibson	66.2%	69.0%	66.7%	63.5%	57.7%
Giles	58.3%	53.0%	51.5%	48.2%	48.7%
Grainger	52.4%	62.2%	52.4%	56.5%	51.9%
Greene	60.5%	59.9%	57.5%	62.3%	58.1%
Grundy	51.4%	53.9%	58.8%	54.5%	56.7%
Hamblen	67.8%	66.6%	61.3%	64.3%	51.7%
Hamilton	68.4%	65.9%	63.7%	63.3%	59.6%
Hancock	55.0%	57.4%	50.0%	47.3%	53.6%
Hardeman	57.0%	59.0%	65.0%	55.1%	46.5%
Hardin	60.8%	55.3%	56.4%	51.0%	51.9%
Hawkins	63.5%	58.4%	58.2%	60.2%	51.5%
Haywood	59.2%	59.5%	59.6%	63.7%	51.4%
Henderson	72.0%	74.2%	72.2%	68.9%	65.0%
Henry	55.0%	64.0%	60.4%	68.9%	52.0%
Hickman	47.1%	65.0%	57.0%	66.0%	56.4%
Houston	63.5%	55.3%	53.5%	44.1%	40.7%
Humphreys	71.6%	67.8%	62.9%	63.6%	55.7%
Jackson	65.7%	64.0%	63.0%	50.0%	45.6%
Jefferson	56.5%	59.9%	60.9%	52.6%	44.8%
Johnson	52.5%	46.3%	64.5%	48.4%	57.8%
Knox	64.9%	64.2%	64.6%	61.6%	63.7%
Lake	55.1%	45.1%	58.5%	62.8%	48.8%
Lauderdale	61.9%	58.6%	53.5%	62.2%	46.9%
Lawrence	61.3%	65.3%	69.1%	66.5%	59.2%
Lewis	56.7%	76.2%	52.6%	57.8%	49.5%
Lincoln	57.9%	56.1%	62.0%	65.5%	59.8%
Loudon	58.7%	61.5%	60.6%	52.4%	53.9%
Macon	64.0%	69.6%	59.2%	56.7%	51.0%
Madison	64.0%	61.1%	59.8%	60.6%	53.9%

College Going Rate by County (continued)
Fall 2016 - Fall 2020

County	2016	2017	2018	2019	2020
Marion	65.8%	58.2%	63.0%	50.6%	51.8%
Marshall	58.9%	60.5%	54.8%	55.7%	51.1%
Maury	61.7%	60.8%	62.3%	62.0%	51.9%
McMinn	57.8%	54.1%	56.2%	59.1%	50.0%
McNairy	70.0%	66.2%	68.3%	65.4%	54.7%
Meigs	53.2%	59.3%	55.7%	50.0%	47.7%
Monroe	51.4%	46.1%	45.1%	47.2%	42.4%
Montgomery	47.9%	56.2%	56.6%	53.7%	50.6%
Moore	68.1%	66.7%	67.6%	72.7%	80.4%
Morgan	57.9%	66.5%	57.7%	59.4%	49.6%
Obion	64.2%	62.2%	64.2%	66.4%	55.4%
Overton	61.5%	59.2%	67.7%	64.9%	58.3%
Perry	78.9%	82.4%	87.7%	85.5%	67.6%
Pickett	77.8%	59.0%	68.3%	66.7%	63.0%
Polk	53.1%	47.5%	49.7%	53.3%	53.7%
Putnam	57.3%	61.1%	63.5%	60.1%	53.5%
Rhea	59.5%	58.5%	55.8%	56.4%	53.9%
Roane	66.1%	65.3%	68.1%	57.6%	63.3%
Robertson	58.6%	61.3%	60.9%	58.2%	48.3%
Rutherford	65.9%	66.2%	64.6%	63.5%	59.8%
Scott	67.3%	61.2%	62.9%	59.1%	51.0%
Sequatchie	57.7%	67.1%	62.3%	56.9%	50.0%
Sevier	58.8%	61.2%	56.6%	58.6%	50.4%
Shelby	62.0%	63.9%	62.2%	60.1%	52.8%
Smith	63.7%	60.2%	60.4%	57.8%	54.1%
Stewart	60.8%	55.7%	54.5%	54.9%	44.2%
Sullivan	68.6%	69.1%	68.1%	71.8%	62.5%
Sumner	70.8%	70.5%	68.3%	65.3%	59.2%
Tipton	65.1%	61.1%	62.4%	64.3%	60.3%
Trousdale	69.1%	77.7%	76.9%	80.9%	58.5%
Unicoi	64.3%	77.5%	64.9%	62.7%	57.7%
Union	54.5%	55.0%	43.6%	43.9%	44.9%
Van Buren	60.7%	40.9%	55.4%	53.4%	52.7%
Warren	55.9%	62.5%	55.0%	60.5%	55.6%
Washington	71.3%	68.1%	64.6%	66.2%	61.9%
Wayne	69.5%	72.2%	71.4%	62.8%	56.8%
Weakley	69.2%	69.8%	67.9%	69.3%	60.5%
White	59.5%	54.9%	53.1%	46.6%	43.5%
Williamson	83.9%	84.2%	85.3%	84.9%	82.2%
Wilson	67.2%	69.4%	67.5%	66.7%	65.3%
Tennessee	63.3%	63.8%	62.5%	61.8%	56.9%
Statewide Public HS Grads	62,339	63,486	63,912	64,061	63,519
Statewide College Enrollees	39,485	40,480	39,967	39,582	36,173

Source: National Student Clearinghouse, TN Longitudinal Data System (TLDS), THEC SIS

Notes:

- High school students who were part of the high school freshman cohort and graduated during the winter, spring, or summer preceding the summer or fall they enrolled in higher education are captured (using the TLDS). For example, a student who was part of the freshman cohort in the 2012-13 school year who graduated during the winter of 2015, spring of 2016, or summer of 2016, and enrolled in any college in the summer or fall of 2016 is included.
- The college-going rate is based on the in-state and out-of-state, two-year and four-year, public and private enrollment matches found within National Student Clearinghouse. TCAT enrollment matches use the THEC SIS. High school students were enrolled at any higher education institution (community college, university, in-state, out-of-state, public, or private).
- Only public high school graduates are included in college-going calculations.

Figure 1.6
Public In-State High School Graduate Enrollment by System
Fall 2016 – Fall 2020

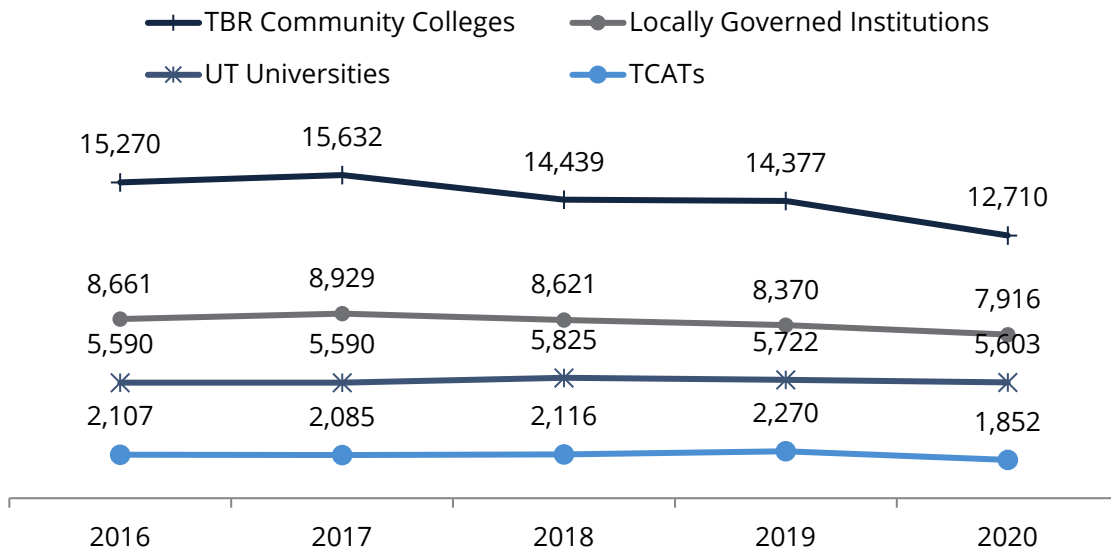
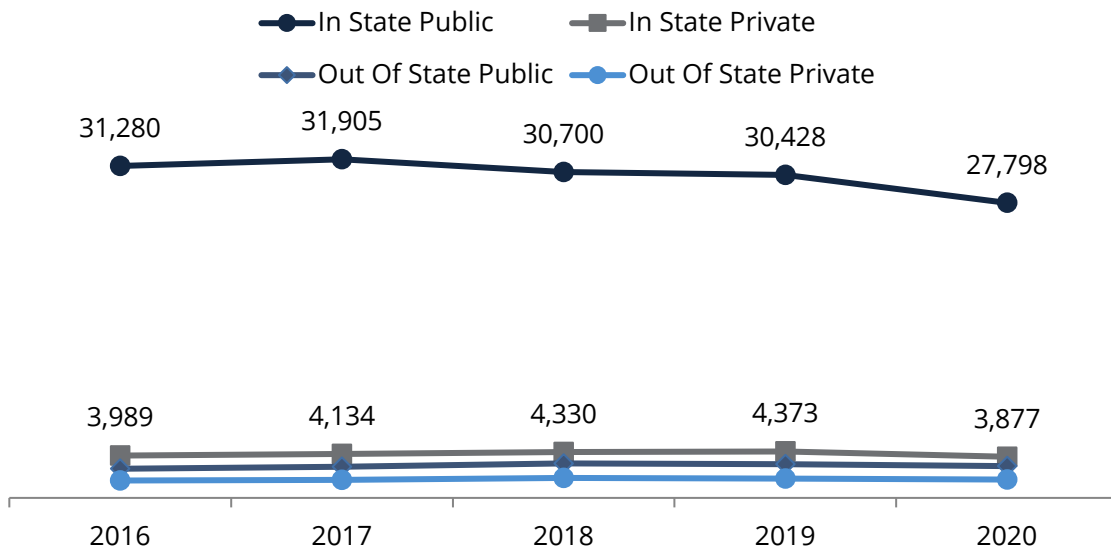


Figure 1.7
Postsecondary Share of High School Graduate Enrollment
Fall 2016 – Fall 2020



Source: National Student Clearinghouse, TN Longitudinal Data System (TLDS), THEC SIS

Notes:

- High school students who were part of the high school freshman cohort and graduated during the winter, spring, or summer preceding the summer or fall they enrolled in higher education are captured (using the TLDS). For example, a student who was part of the freshman cohort in the 2012-13 school year who graduated during the winter of 2015, spring of 2016, or summer of 2016, and enrolled in any college in the summer or fall of 2016 is included.
- Enrollment share duplicates student count and is not comparable to college-going rate.
- Only public high school graduates are included in college-going calculations.

Table 1.6

Public Headcount by Student Level Fall 2020						
Institution	First-Time Freshman		Total Undergraduate		Graduate & Professional	
	Count	Percent of Total	Count	Percent of Total	Count	Percent of Total
TBR Community Colleges						
Chattanooga State Community College	1,435	18.9%	7,604	100.0%		
Cleveland State Community College	717	23.1%	3,101	100.0%		
Columbia State Community College	1,546	25.5%	6,056	100.0%		
Dyersburg State Community College	541	19.8%	2,732	100.0%		
Jackson State Community College	894	20.8%	4,293	100.0%		
Motlow State Community College	1,558	23.7%	6,566	100.0%		
Nashville State Community College	1,264	17.8%	7,101	100.0%		
Northeast State Community College	1,160	21.2%	5,460	100.0%		
Pellissippi State Community College	2,149	22.7%	9,463	100.0%		
Roane State Community College	1,107	20.8%	5,329	100.0%		
Southwest Tennessee Community College	1,580	20.2%	7,811	100.0%		
Volunteer State Community College	1,929	21.7%	8,884	100.0%		
Walters State Community College	1,327	23.0%	5,766	100.0%		
TBR Community College Total	17,207	21.5%	80,166	100.0%		
Locally Governed Institutions						
Austin Peay State University	1,440	13.7%	9,255	88.3%	1,222	11.7%
East Tennessee State University	1,634	11.9%	10,739	78.0%	3,031	22.0%
Middle Tennessee State University	3,080	13.9%	19,253	86.8%	2,922	13.2%
Tennessee State University	1,703	22.3%	6,021	78.8%	1,624	21.2%
Tennessee Technological University	1,715	16.7%	8,819	86.0%	1,430	14.0%
University of Memphis	2,493	11.1%	17,651	78.4%	4,875	21.6%
LGI - University Total	12,065	13.9%	71,738	82.6%	15,104	17.4%
UT Universities						
University of Tennessee, Chattanooga	2,222	19.0%	10,309	88.2%	1,385	11.8%
University of Tennessee, Knoxville	5,454	17.8%	24,356	79.5%	6,293	20.5%
University of Tennessee, Martin	1,109	15.6%	6,398	89.8%	723	10.2%
University of Tennessee, Medical Health Sci Center	-	-	218	6.8%	2,967	93.2%
UT University Total	8,785	16.7%	41,281	78.4%	11,368	21.6%
University Total	20,850	14.9%	113,019	81.0%	26,472	19.0%
Grand Total	38,057	17.3%	193,185	87.9%	26,472	12.1%

Source: THEC SIS

Notes:

- East Tennessee State University includes the Medical and Pharmacy schools.
- The University of Tennessee, Knoxville includes the Veterinary School and the UT Space Institute.
- Based on end-of-term data.

Table 1.7

Public Undergraduate Headcount by Gender, Pell Eligibility, Adult Status, and Residency Fall 2020					
Institution	Total	Female	Pell Eligible	Adult	Out-of-state
TBR Community Colleges					
Chattanooga State Community College	7,604	62.4%	51.4%	29.7%	11.1%
Cleveland State Community College	3,101	59.9%	51.2%	24.0%	2.6%
Columbia State Community College	6,056	61.8%	45.2%	20.1%	1.7%
Dyersburg State Community College	2,732	72.0%	57.4%	31.4%	2.9%
Jackson State Community College	4,293	69.4%	58.0%	24.7%	0.8%
Motlow State Community College	6,566	63.9%	49.5%	21.9%	1.4%
Nashville State Community College	7,101	64.0%	63.3%	40.3%	4.7%
Northeast State Community College	5,460	56.3%	59.7%	30.9%	2.5%
Pellissippi State Community College	9,463	54.3%	50.0%	26.6%	3.6%
Roane State Community College	5,329	67.3%	54.9%	27.0%	1.1%
Southwest Tennessee Community College	7,811	66.7%	70.6%	35.5%	3.9%
Volunteer State Community College	8,884	63.5%	52.8%	28.7%	1.6%
Walters State Community College	5,766	64.8%	54.2%	22.7%	1.7%
TBR Community College Total	80,166	62.9%	55.3%	28.3%	3.3%
Locally Governed Institutions					
Austin Peay State University	9,255	61.1%	52.6%	23.9%	17.5%
East Tennessee State University	10,739	60.3%	47.9%	17.6%	17.0%
Middle Tennessee State University	19,253	54.0%	49.1%	15.3%	11.3%
Tennessee State University	6,021	64.2%	41.3%	14.2%	48.5%
Tennessee Technological University	8,819	46.0%	44.9%	9.4%	6.1%
University of Memphis	17,651	60.5%	50.0%	19.8%	15.2%
LGI - University Total	71,738	57.3%	48.4%	17.0%	16.4%
UT Universities					
University of Tennessee, Chattanooga	10,309	57.6%	42.0%	10.6%	9.5%
University of Tennessee, Knoxville	24,356	52.7%	29.4%	5.2%	23.0%
University of Tennessee, Martin	6,398	60.8%	49.1%	12.4%	8.6%
University of Tennessee, Medical Health Sci Center	218	92.2%	34.4%	29.8%	23.9%
UT University Total	41,281	55.4%	35.6%	7.8%	17.4%
University Total	113,019	56.6%	43.7%	13.7%	16.8%
Grand Total	193,185	59.2%	48.5%	19.8%	11.2%

Source: THEC SIS

Notes:

- **Pell-Eligible** students are defined as students who were eligible to receive a Pell grant at any time during their college career.
- **Adult** is defined as an individual 25 years or older.
- **Out-of-state** column includes foreign students.
- Table excludes students with unknown gender, race/ethnicity, or Pell-Eligibility status.
- Based on end-of-term data.
- In previous Fact Books, a column for **Non-White** was also included. To better represent undergraduate enrollment by race and ethnicity, these data were expanded into **Table 1.8**.

Table 1.8

Public Undergraduate Headcount by Race/Ethnicity Fall 2020						
Institution	Total	Black, Not Hispanic	Hispanic of Any Race	White, Not Hispanic	Other	Unknown
TBR Community Colleges						
Chattanooga State Community College	7,604	13.5%	8.4%	70.7%	6.0%	1.4%
Cleveland State Community College	3,101	5.6%	6.6%	82.4%	2.9%	2.5%
Columbia State Community College	6,056	6.6%	7.4%	78.1%	5.7%	2.1%
Dyersburg State Community College	2,732	17.6%	4.0%	74.0%	3.3%	1.1%
Jackson State Community College	4,293	17.9%	3.8%	65.6%	3.9%	8.8%
Motlow State Community College	6,566	10.0%	10.0%	70.5%	6.0%	3.6%
Nashville State Community College	7,101	27.0%	9.4%	52.8%	8.1%	2.7%
Northeast State Community College	5,460	2.7%	3.6%	88.1%	3.5%	2.1%
Pellissippi State Community College	9,463	6.3%	5.9%	78.8%	6.7%	2.3%
Roane State Community College	5,329	2.5%	4.1%	86.1%	3.7%	3.6%
Southwest Tennessee Community College	7,811	61.0%	7.2%	25.5%	5.1%	1.1%
Volunteer State Community College	8,884	8.9%	6.6%	74.9%	4.9%	4.7%
Walters State Community College	5,766	2.3%	5.5%	87.4%	4.1%	0.7%
TBR Community College Total	80,166	15.0%	6.7%	70.4%	5.3%	2.8%
Locally Governed Institutions						
Austin Peay State University	9,255	20.6%	7.9%	59.3%	8.4%	3.8%
East Tennessee State University	10,739	7.1%	4.1%	79.9%	5.1%	3.9%
Middle Tennessee State University	19,253	17.9%	6.9%	64.6%	8.3%	2.3%
Tennessee State University	6,021	81.4%	2.2%	11.0%	3.7%	1.7%
Tennessee Technological University	8,819	4.3%	4.2%	81.7%	5.1%	4.8%
University of Memphis	17,651	35.4%	7.4%	46.2%	7.9%	3.0%
LGI - University Total	71,738	24.6%	6.0%	59.3%	6.9%	3.2%
UT Universities						
University of Tennessee, Chattanooga	10,309	9.5%	5.4%	74.8%	5.7%	4.7%
University of Tennessee, Knoxville	24,356	5.6%	4.6%	77.6%	8.2%	4.1%
University of Tennessee, Martin	6,398	12.6%	3.1%	77.7%	4.0%	2.6%
University of Tennessee, Medical Health Sci Center	218	20.2%	2.8%	70.2%	4.1%	2.8%
UT University Total	41,281	7.7%	4.5%	76.8%	6.9%	4.0%
University Total	113,019	18.4%	5.5%	65.7%	6.9%	3.5%
Grand Total	193,185	17.0%	6.0%	67.6%	6.2%	3.2%

Source: THEC SIS

Note: Other includes American Indian, Native Alaskan, Asian and Pacific Islander, and Multiracial.

Table 1.9

Public Headcount in Five Most Utilized Major Fields Fall 2020					
Major Field: Undergraduate	Count	Percent of All UG Majors	Major Field: Graduate	Count	Percent of All Grad Majors
Liberal Arts & Sciences	43,032	22.3%	Health Professions & Related Services	6,491	24.5%
Business Management & Admin Services	22,263	11.5%	Education	4,372	16.5%
Health Professions & Related Services	15,651	8.1%	Business Management & Admin Services	3,313	12.5%
Engineering	12,063	6.3%	Protective Services & Public Affairs	1,581	6.0%
Visual & Performing Arts	6,918	3.6%	Engineering	1,570	5.9%

Source: THEC SIS

Notes: **Major Fields** are defined by their two-digit THEC CIP code and are based on end-of-term data.

Table 1.10

Average ACT Scores of Incoming Freshmen Fall 2020	
Institution	Average ACT Score
TBR Community Colleges	
Chattanooga State Community College	18.9
Cleveland State Community College	19.3
Columbia State Community College	20.0
Dyersburg State Community College	19.2
Jackson State Community College	18.5
Motlow State Community College	19.1
Nashville State Community College	17.7
Northeast State Community College	19.2
Pellissippi State Community College	20.2
Roane State Community College	19.4
Southwest Tennessee Community College	17.3
Volunteer State Community College	19.3
Walters State Community College	19.7
TBR Community Colleges	19.1
Locally Governed Institutions	
Austin Peay State University	21.3
East Tennessee State University	23.0
Middle Tennessee State University	22.9
Tennessee State University	18.2
Tennessee Technological University	23.5
University of Memphis	22.5
Locally Governed Institutions	22.3
UT Universities	
University of Tennessee, Chattanooga	23.2
University of Tennessee, Knoxville	26.6
University of Tennessee, Martin	22.4
University of Tennessee	25.2
University Average	23.6
Total Average	21.7

Source: THEC SIS

Notes: Percent of students with reported ACT scores varies by system and sector (TBR Community Colleges 86% with ACT; LGI Universities 87% ; UT Universities 97% with ACT).

Table 1.11

Off-Campus Enrollment Fall 2020									
Institution	Total Headcount	Off-Campus Headcount	Center Headcount	Site Headcount	Percent of Total	Institution	Total Headcount	Off-Campus Headcount	Percent of Total
TBR Community Colleges						Colleges of Applied Technology			
Chattanooga State Community College	8,196	1,193	584	609	14.6%	Athens	713	215	30.2%
Cleveland State Community College	3,454	1,075	354	721	31.1%	Chattanooga	1,937	763	39.4%
Columbia State Community College	8,866	4,682	3,906	776	52.8%	Covington	495	15	3.0%
Dyersburg State Community College	3,180	1,385	909	476	43.6%	Crossville	828	-	0.0%
Jackson State Community College	4,476	848	17	831	18.9%	Crump	1,252	594	47.4%
Motlow State Community College	9,135	4,869	4,447	422	53.3%	Dickson	1,247	694	55.7%
Nashville State Community College	9,328	4,179	3,471	708	44.8%	Elizabethton	768	181	23.6%
Northeast State Community College	6,170	1,413	998	415	22.9%	Harriman	606	249	41.1%
Pellissippi State Community College	9,926	740	607	133	7.5%	Hartsville	905	600	66.3%
Roane State Community College	7,430	4,469	3,621	848	60.1%	Hohenwald	941	499	53.0%
Southwest Tennessee Community College	12,006	1,166	1,061	105	9.7%	Jacksboro	465	87	18.7%
Volunteer State Community College	8,983	206	103	103	2.3%	Jackson	1,017	574	56.4%
Walters State Community College	7,040	3,022	2,125	897	42.9%	Knoxville	1,650	474	28.7%
TBR Community College Total	98,190	29,247	22,203	7,044	29.8%	Livingston	1,716	1,044	60.8%
Locally Governed Institutions						McKenzie	279	33	11.8%
Austin Peay State University	10,868	2,181	1,332	849	20.1%	McMinnville	522	119	22.8%
East Tennessee State University	14,653	1,604	1,139	465	10.9%	Memphis	2,018	639	31.7%
Middle Tennessee State University	22,319	943	-	943	4.2%	Morristown	1,329	670	50.4%
Tennessee State University	9,051	1,935	1,921	14	21.4%	Murfreesboro	7,029	318	4.5%
Tennessee Technological University	10,698	745	-	745	7.0%	Nashville	1,525	292	19.1%
University of Memphis	23,877	3,484	1,629	1,855	14.6%	Newbern	713	353	49.5%
LGI - University Total	91,466	10,892	6,021	4,871	11.9%	Oneida	496	251	50.6%
UT Universities						Paris	504	58	11.5%
University of Tennessee, Chattanooga	11,694	-	-	-	0.0%	Pulaski	995	286	28.7%
University of Tennessee, Knoxville	30,650	108	108	-	0.4%	Ripley	356	95	26.7%
University of Tennessee, Martin	7,560	1,446	693	753	19.1%	Shelbyville	832	180	21.6%
University of Tennessee, Medical Health Sci Center	3,388	461	461	-	13.6%	Whiteville	387	200	51.7%
UT University Total	53,292	2,015	1,262	753	3.8%	TCAT Total	31,525	9,483	30.1%
University Total	144,758	12,907	7,283	5,624	8.9%	Grand Total	274,473	51,637	18.8%

Source: THEC SIS

Notes:

- Declines in off-campus headcounts may be attributed to the reliance on online delivery methods in fall 2020. Courses offered in an online modality are not associated with off-campus locations. Data presented in this table may not be comparable to prior years.
- Total headcount **is duplicated** because students are counted at every location in which they enrolled in a course.
- Based on end-of-term data.

Table 1.12

First-time Freshmen Requiring Learning Support at Community Colleges								
Fall 2013 – Fall 2020								
Learning Support Subject	2013	2014	2015	2016	2017	2018	2019	2020*
No Learning Support	5,081	5,984	7,822	7,686	7,376	7,201	8,058	7,639
Writing Only	325	361	487	526	529	499	520	278
Math Only	4,314	4,303	4,745	4,585	4,195	4,197	3,682	2,883
Reading Only	318	332	484	465	494	535	511	448
1 Subject	4,957	4,996	5,716	5,576	5,218	5,321	4,713	3,609
Writing and Math	1,603	1,404	1,527	1,440	1,634	1,640	1,390	1,062
Writing and Reading	342	395	746	770	805	629	660	416
Math and Reading	988	911	1,123	955	975	1,123	889	700
2 Subjects	2,933	2,710	3,396	3,165	3,414	3,392	2,939	2,178
3 Subjects	3,997	3,607	4,400	3,995	4,854	5,005	4,351	3,530
Any Learning Support	11,887	11,313	13,512	12,736	13,486	13,628	12,003	9,317
Total Freshmen Cohort	16,968	17,297	21,334	20,422	20,862	20,829	20,061	16,956
% Learning Support	70.1%	65.4%	63.3%	62.4%	64.6%	65.4%	59.8%	54.9%

Learning Support Subject: Math	2013	2014	2015	2016	2017	2018	2019	2020*
Total	10,902	10,225	11,795	10,975	11,658	11,965	10,312	8,175
Total Freshmen Cohort	16,968	17,297	21,334	20,422	20,862	20,829	20,061	16,956
% Learning Support	64.3%	59.1%	55.3%	53.7%	55.9%	57.4%	51.4%	48.2%

Learning Support Subject: Writing	2013	2014	2015	2016	2017	2018	2019	2020*
Total	6,267	5,767	7,160	6,731	7,822	7,773	6,921	5,286
Total Freshmen Cohort	16,968	17,297	21,334	20,422	20,862	20,829	20,061	16,956
% Learning Support	36.9%	33.3%	33.6%	33.0%	37.5%	37.3%	34.5%	31.2%

Learning Support Subject: Reading	2013	2014	2015	2016	2017	2018	2019	2020*
Total	5,645	5,245	6,753	6,185	7,128	7,292	6,411	5,094
Total Freshmen Cohort	16,968	17,297	21,334	20,422	20,862	20,829	20,061	16,956
% Learning Support	33.3%	30.3%	31.7%	30.3%	34.2%	35.0%	32.0%	30.0%

Source: TBR

Notes:

- *Learning Support pass rates for fall 2020 are not comparable to prior years. For fall 2020, TBR permitted community colleges to place students into Learning Support based on high school GPA. This, in addition to online/distance education Learning Support due to COVID-19 yielded a decline in the share of incoming freshmen requiring Learning Support.
- Table displays students who would require learning support based on their academic preparedness, not actual counts of enrolled students.
- **Learning Support** allows students to enroll in remedial coursework simultaneously with credit-bearing courses, in contrast to completing non-credit courses prior to enrollment in a credit-bearing course.
- TBR began using the Accuplacer placement test in 2017, replacing the Compass test which is no longer available.
- During the transition from Accuplacer Classic to Accuplacer Next Generation in 2019, Accuplacer cut scores were revised and are more aligned with the ACT cut scores. This resulted in a significant drop in the overall placement rate, particularly for adults, for 2019 compared to earlier terms.
- Based on end-of-term data.

Table 1.13

SAILS Math Participation and Completion Academic Years 2012-13 to 2019-20			
Year	Students	Completers	Completion Rate
Spring 2012	20	16	80%
2012-13	500	410	82%
2013-14	8,186	5,625	69%
2014-15	10,907	9,967	91%
2015-16	14,148	13,040	92%
2016-17	13,113	12,693	97%
2017-18	11,011	9,527	87%
2018-19	9,895	9,108	92%
2019-20*	9,680	5,735	59%
Overall	77,460	66,121	85%

Source: THEC Academic Affairs

Notes: *Due to the transition to distance learning and emergency remote delivery methods during the 2019-20 academic year, many SAILS participants lost access to coursework, which resulted in a drop in completions. Data for 2019-20 are not comparable to prior years. In 2017-18 the SAILS program incorporated the more rigorous standards required by the K-12 Bridge Math course. As a result, the pass rate dropped in 2017-18.

Table 1.14

High School Participation in SAILS Academic Years 2012-13 to 2019-20			
Year	High Schools with SAILS	All High Schools	High School Coverage
Spring 2012	1		
2012-13	20		
2013-14	118	423	27.9%
2014-15	179	424	42.2%
2015-16	243	432	56.3%
2016-17	276	428	64.5%
2017-18	268	372	72.0%
2018-19	271	387	70.0%
2019-20	287*	417	68.8%

Source: THEC Academic Affairs, Tennessee Department of Education

Notes:

- *Represents the number of schools offering SAILS in 2019-20, though transitions to distance learning and emergency remote delivery methods during the 2019-20 academic year may have affected overall participation, which is not reflected here.
- SAILS Math is a course for HS seniors who have not achieved college readiness in mathematics (as measured by the ACT). SAILS integrates self-paced, computer-based instruction with licensed math teacher support in a computer lab.
- Spring 2012 and 2012-13 are considered pilot years for SAILS Math.
- Each of the 13 Community Colleges collaborates in the SAILS Math programming.
- All High Schools represents the count of public schools in TN serving 12th grade in that academic year that are reported in the Tennessee Department of Education's Membership File.

Section II:

Student Success

2019-2020



Overview and Key Takeaways

This section provides an overview of student award and completion data for academic year 2019-2020. The data included here reflect first-year (i.e., fall to fall) retention rates by institution, community college Learning Support pass rates, and graduation rates (the share of first-time, full-time freshmen earning associate or bachelor's degrees within four- and six-years by institution and student demographics). Award counts are presented by institution, by award level, by student demographics, and for top major fields.

Data sources and relevant notes are indicated beneath each table and figure.

Key Takeaways

Despite the uncertainty surrounding COVID-19, several institutions reported notable increases in first-year retention rates. Overall, the state total retention rate marginally increased from 69.5 to 69.9 percent (see Table 2.1).

Motlow State Community College demonstrated the greatest improvement in six-year graduation rates among community colleges (amounting to nearly an eight-percentage-point increase). For universities, the University of Tennessee, Martin increased the six-year graduation rate by over seven percentage points (see Table 2.7).

This year's Fact Book includes a new table on "Awards by Institution and Race/Ethnicity" (Table 2.5). Previously captured under the "Non-White" column in Table 2.4, this new table provides deeper insight into the demographic composition of both undergraduate and graduate award earners.

Additional levels of information on six-year graduation are provided for male students and Pell ineligible students (see Table 2.11). Ongoing quality improvements to TCAT data have resulted in Tables 2.3 and 2.13 being not wholly comparable to prior years.

Table 2.1

Freshman to Sophomore Retention Rates for Public Institutions Fall 2019 - Fall 2020					
Institution	Fall 2019 First-Time, Full-Time Freshmen	Fall 2020			Retention Rate
		Enrolled at Admitting Institution	Enrolled in Other Public Institution	Total Enrolled	
TBR Community Colleges					
Chattanooga State Community College	1,590	809	42	851	53.5%
Cleveland State Community College	819	427	19	446	54.5%
Columbia State Community College	1,614	911	56	967	59.9%
Dyersburg State Community College	550	291	19	310	56.4%
Jackson State Community College	1,051	507	40	547	52.0%
Motlow State Community College	1,693	890	66	956	56.5%
Nashville State Community College	1,379	633	39	672	48.7%
Northeast State Community College	1,273	702	22	724	56.9%
Pellissippi State Community College	2,244	1,144	159	1,303	58.1%
Roane State Community College	1,116	668	40	708	63.4%
Southwest Tennessee Community College	1,748	964	18	982	56.2%
Volunteer State Community College	2,078	1,043	56	1,099	52.9%
Walters State Community College	1,518	814	33	847	55.8%
TBR Community College Total	18,673	9,803	609	10,412	55.8%
Locally Governed Institutions					
Austin Peay State University	1,561	1,066	65	1,131	72.5%
East Tennessee State University	1,794	1,395	62	1,457	81.2%
Middle Tennessee State University	3,285	2,569	82	2,651	80.7%
Tennessee State University	1,270	811	37	848	66.8%
Tennessee Technological University	1,687	1,300	76	1,376	81.6%
University of Memphis	2,625	2,087	51	2,138	81.4%
LGI University Total	12,222	9,228	373	9,601	78.6%
UT Universities					
University of Tennessee, Chattanooga	2,301	1,764	193	1,957	85.0%
University of Tennessee, Knoxville	5,124	4,558	152	4,710	91.9%
University of Tennessee, Martin	1,151	851	64	915	79.5%
UT University Total	8,576	7,173	409	7,582	88.4%
University Total	20,798	16,401	782	17,183	82.6%
Grand Total	39,471	26,204	1,391	27,595	69.9%

Source: THEC SIS

Figure 2.1
Percent of Co-Requisite Students Passing Paired College Level Course – Math

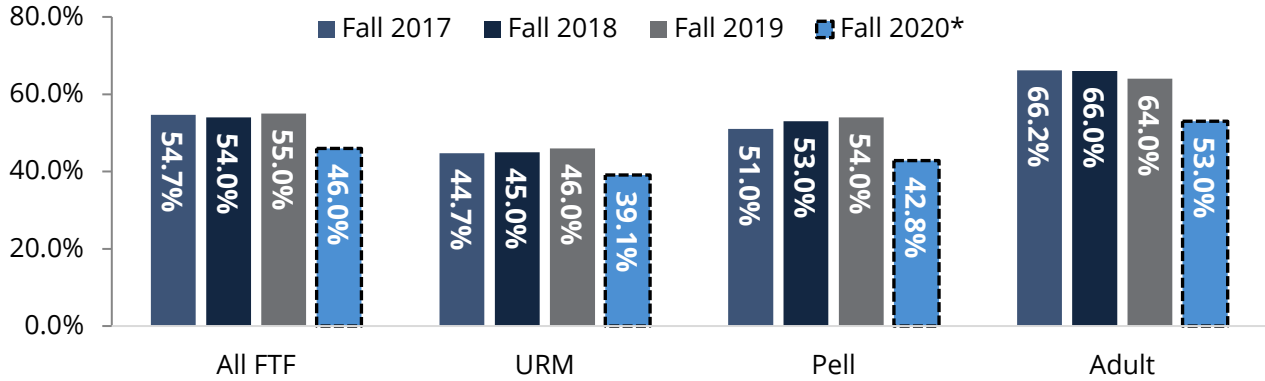


Figure 2.2
Percent of Co-Requisite Students Passing English 1010 – Writing

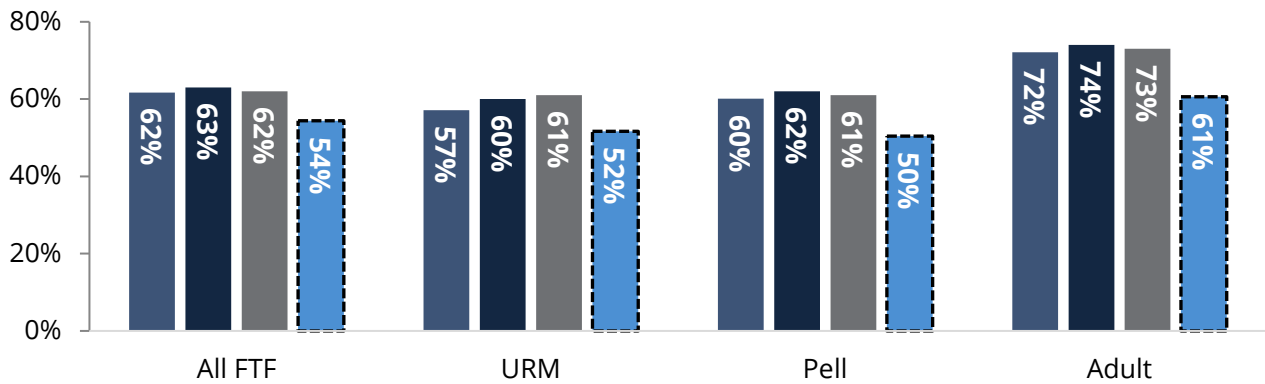
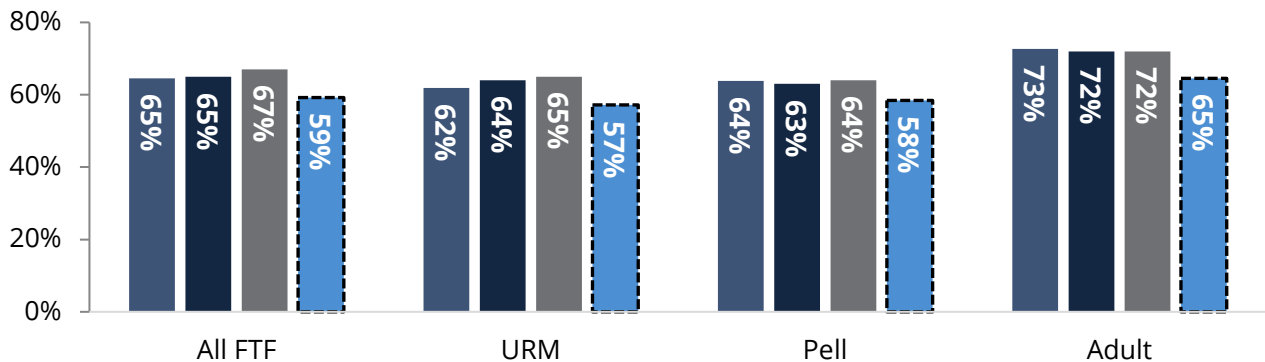


Figure 2.3
Percent of Co-Requisite Students Passing Paired College Level Course – Reading



Source: TBR

Notes:

- *Learning Support pass rates for fall 2020 are not comparable to prior years. For fall 2020, TBR permitted community colleges to place students into Learning Support based on high school GPA. This, in addition to online/distance education Learning Support due to COVID-19 yielded a decline in both the share of incoming freshmen requiring Learning Support and the share of those successfully passing the paired college-level course.
- Learning Support Math is paired with an introductory math course, the most common example is MATH 1530 (statistics). Learning Support English is paired with ENGL 1010 (Composition I). Learning Support Reading is often paired with ENGL 1010 (English Composition I), SPCH 1010 (Introduction to Speech), and orientation courses.
- **All FTF** represents all first-time freshmen, inclusive of the other categories presented. **Underrepresented Minority (URM)** does not include white, Asian, or unknown student groups. **Pell** includes students eligible to receive a federal Pell Grant. **Adult** is defined as a student who is 25 years or older.

Table 2.2

Awards by Institution and Award Level Academic Year 2019-20										
Institution	Certificate <1 Year	Certificate 1-2 Years	Associate's	Bachelor's	Certificate Post-Bach.	Master's	Education Specialists	First-Prof.	Doctoral	Grand Total
TBR Community Colleges										
Chattanooga State Community College	194	115	1,164							1,473
Cleveland State Community College	432	253	462							1,147
Columbia State Community College	142	23	875							1,040
Dyersburg State Community College	159	167	365							691
Jackson State Community College	62	56	622							740
Motlow State Community College	120	18	1,125							1,263
Nashville State Community College	88	186	932							1,206
Northeast State Community College	231	218	989							1,438
Pellissippi State Community College	530	16	1,644							2,190
Roane State Community College	80	73	983							1,136
Southwest Tennessee Community College	120	32	955							1,107
Volunteer State Community College	317	165	1,228							1,710
Walters State Community College	305	59	959							1,323
TBR Community College Total	2,780	1,381	12,303							16,464
Community College Share of Total	16.9%	8.4%	74.7%							100.0%
Locally Governed Institutions										
Austin Peay State University			1,059	1,660	*	431	*			3,183
East Tennessee State University				2,567	*	735	*	137	146	3,669
Middle Tennessee State University	32			4,039	10	722	61		56	4,920
Tennessee State University			9	967	67	349			93	1,485
Tennessee Technological University				1,991	33	369	35		32	2,460
University of Memphis				3,076	199	933	11	88	198	4,505
LGI – University Total	32		1,068	14,300	417	3,539	116	225	525	20,222
UT Universities										
University of Tennessee, Chattanooga				2,061	17	400	15		87	2,580
University of Tennessee, Knoxville				5,080	125	1,591	21	197	423	7,437
University of Tennessee, Martin				1,096		116				1,212
University of Tennessee, Medical Health Sci Center				182	20	213		413	179	1,007
UT University Total				8,419	162	2,320	36	610	689	12,236
University Total	32		1,068	22,719	579	5,859	152	835	1,214	32,458
University Share of Total	0.1%		3.3%	70.0%	1.8%	18.1%	0.5%	2.6%	3.7%	100.0%
Grand Total	2,812	1,381	13,371	22,719	579	5,859	152	835	1,214	48,922
Share of Grand Total	5.7%	2.8%	27.3%	46.4%	1.2%	12.0%	0.3%	1.7%	2.5%	100.0%

Source: THEC SIS

- Notes:
- First Professional (First-Prof.) includes Doctor of Veterinary Medicine (DVM), Juris Doctor (JD), Doctor of Medicine (MD), and other doctoral-level, professional awards.
 - East Tennessee State University includes the Medical and Pharmacy schools. The University of Tennessee, Knoxville includes the Veterinary School and the UT Space Institute.
 - Awards follow the academic year: preceding summer, fall, and spring. Academic Year 2019-20 is summer 2019, fall 2019, and spring 2020.
 - All awards are counted. Double majors are not counted.
 - The Funding Formula uses different data definitions than tables included in the Fact Book; refer to page 71 for Funding Formula definitions.

Table 2.3

Tennessee Colleges of Applied Technology Awards for Summer 2019 through Spring 2020			
TCAT	Certificates	Diplomas	Grand Total
Athens	28	114	142
Chattanooga	452	446	898
Covington	143	88	231
Crossville	95	204	299
Crump	68	103	171
Dickson	93	326	419
Elizabethton	118	280	398
Harriman	22	88	110
Hartsville	103	101	204
Hohenwald	111	147	258
Jacksboro	22	90	112
Jackson	102	176	278
Knoxville	99	333	432
Livingston	47	224	271
McKenzie	26	76	102
McMinnville	30	109	139
Memphis	121	231	352
Morristown	45	336	381
Murfreesboro	67	220	287
Nashville	174	457	631
Newbern	268	148	416
Oneida/Huntsville	44	90	134
Paris	46	118	164
Pulaski	100	142	242
Ripley	134	86	220
Shelbyville	275	257	532
Whiteville	13	81	94
Grand Total	2,846	5,071	7,917
Share of Total	35.9%	64.1%	100.0%

Source: TBR

- Notes:
- Counts are reflective of the highest award received rather than the sum of all awards.
 - **Diplomas** are awarded to students who have demonstrated the competencies required for a program and have been awarded the appropriate diploma upon completion, usually in programs of at least 900 clock hours.
 - **Certificates** are awarded to students who have demonstrated the competencies required for a program and have been awarded the appropriate certificate upon completion, usually in programs of less than 900 clock hours.
 - TBR transitioned TCAT data collection into a singular Banner system in 2019. As a result of these efforts to improve TCAT data quality, Supplemental Certificates are omitted from this year's report. Additionally, summer 2019 and fall 2019 represent transition terms, meaning they may not be perfectly comparable to past or future reporting.
 - TBR institutions no longer award Sufficient Credentials, and this award type has been removed from the report. For historical data on this award type, refer to past Fact Book publications.

Table 2.4

Awards by Institution and Gender, Adult Status, and Pell Eligibility Academic Year 2019 - 2020							
Institution	Undergraduate				Graduate		
	Total	% Female	% Adult	% Pell- Eligible	Total	% Female	% Adult
TBR Community Colleges							
Chattanooga State Community College	1,473	62.7%	44.9%	57.4%			
Cleveland State Community College	1,147	56.0%	45.0%	63.1%			
Columbia State Community College	1,040	61.3%	33.2%	54.6%			
Dyersburg State Community College	691	71.4%	45.6%	70.3%			
Jackson State Community College	740	70.8%	37.2%	74.1%			
Motlow State Community College	1,263	62.2%	30.6%	61.9%			
Nashville State Community College	1,206	60.4%	54.4%	69.7%			
Northeast State Community College	1,438	46.2%	42.5%	65.7%			
Pellissippi State Community College	2,190	50.6%	41.6%	60.6%			
Roane State Community College	1,136	67.6%	40.6%	68.0%			
Southwest Tennessee Community College	1,107	65.1%	56.6%	76.5%			
Volunteer State Community College	1,710	59.2%	42.3%	62.3%			
Walters State Community College	1,323	55.6%	38.5%	65.6%			
TBR Community College Total	16,464	59.2%	42.5%	64.5%			
Locally Governed Institutions							
Austin Peay State University	2,719	65.1%	35.9%	60.4%	464	68.5%	86.9%
East Tennessee State University	2,567	60.6%	29.0%	49.4%	1,102	66.0%	86.9%
Middle Tennessee State University	4,071	55.4%	31.5%	54.2%	849	61.8%	84.8%
Tennessee State University	976	61.4%	33.9%	49.7%	509	67.4%	93.1%
Tennessee Technological University	1,991	47.1%	20.3%	51.6%	469	55.9%	80.4%
University of Memphis	3,076	60.4%	38.0%	57.9%	1,429	62.3%	88.2%
LGI - University Total	15,400	58.3%	31.9%	54.6%	4,822	63.6%	87.0%
UT Universities							
University of Tennessee, Chattanooga	2,061	56.9%	21.4%	44.0%	519	61.8%	87.1%
University of Tennessee, Knoxville	5,080	53.0%	12.2%	33.9%	2,357	57.2%	79.3%
University of Tennessee, Martin	1,096	61.9%	24.2%	54.0%	116	73.3%	90.5%
University of Tennessee, Medical Health Sci Center	182	92.3%	33.5%	33.0%	825	61.6%	93.1%
UT University Total	8,419	55.9%	16.5%	39.0%	3,817	59.3%	83.7%
University Total	23,819	57.4%	26.4%	49.1%	8,639	61.7%	85.5%
Grand Total	40,283	58.2%	33.0%	55.4%	8,639	61.7%	85.5%

Source: THEC SIS

- Notes:
- Adult includes students aged 25 and over.
 - East Tennessee State University includes the Medical and Pharmacy schools. The University of Tennessee, Knoxville includes the Veterinary School and the UT Space Institute
 - **Pell-Eligible** students are defined as students who were eligible to receive the Pell grant at any time during their college career.
 - Unlike previous Fact Books, this year's table does not include a **Non-White** category. To better represent student subgroups, award counts by level and institution are disaggregated by race and ethnicity in **Table 2.5**.
 - Table excludes students with unknown gender or Pell-Eligibility status. This is a count of first award earned by graduating students.

Table 2.5

Awards by Institution and Race/Ethnicity Academic Year 2019 - 2020												
Institution	Undergraduate						Graduate					
	Total Awards	Black, Not Hispanic	Hispanic of Any Race	White, Not Hispanic	Other	Unknown	Total Awards	Black, Not Hispanic	Hispanic of Any Race	White, Not Hispanic	Other	Unknown
TBR Community Colleges												
Chattanooga State Community College	1,473	7.6%	5.8%	80.6%	4.8%	1.2%						
Cleveland State Community College	1,147	4.5%	3.8%	82.1%	3.3%	6.2%						
Columbia State Community College	1,040	5.5%	5.6%	83.1%	3.9%	1.9%						
Dyersburg State Community College	691	14.9%	2.9%	76.8%	3.2%	2.2%						
Jackson State Community College	740	13.8%	4.3%	74.9%	3.8%	3.2%						
Motlow State Community College	1,263	7.9%	8.0%	77.0%	5.5%	1.7%						
Nashville State Community College	1,206	25.0%	7.6%	56.3%	8.9%	2.2%						
Northeast State Community College	1,438	1.8%	1.6%	91.3%	4.0%	1.3%						
Pellissippi State Community College	2,190	5.3%	4.5%	81.9%	6.3%	2.0%						
Roane State Community College	1,136	2.0%	2.1%	84.0%	3.2%	8.7%						
Southwest Tennessee Community College	1,107	53.7%	5.9%	34.5%	4.9%	1.1%						
Volunteer State Community College	1,710	6.6%	4.2%	81.5%	3.9%	3.9%						
Walters State Community College	1,323	2.6%	3.6%	90.6%	2.2%	1.0%						
TBR Community College Total	16,464	10.5%	4.6%	77.5%	4.6%	2.7%						
Locally Governed Institutions												
Austin Peay State University	2,719	21.9%	6.7%	60.5%	7.6%	3.3%	464	17.7%	4.1%	67.5%	4.5%	6.3%
East Tennessee State University	2,567	5.5%	2.3%	83.2%	4.8%	4.2%	1,102	9.2%	1.5%	78.1%	6.4%	4.8%
Middle Tennessee State University	4,071	17.4%	5.5%	66.7%	7.9%	2.5%	849	11.3%	4.0%	69.5%	12.4%	2.8%
Tennessee State University	976	68.1%	3.0%	21.1%	6.0%	1.7%	509	43.0%	3.9%	42.4%	9.0%	1.6%
Tennessee Technological University	1,991	3.6%	3.0%	83.6%	5.3%	4.6%	469	5.5%	3.0%	82.3%	7.7%	1.5%
University of Memphis	3,076	31.3%	5.2%	51.7%	7.8%	4.0%	1,429	22.1%	3.1%	56.6%	16.9%	1.3%
LGI - University Total	15,400	20.4%	4.6%	64.6%	6.9%	3.4%	4,822	17.4%	3.1%	65.8%	10.8%	2.9%
UT Universities												
University of Tennessee, Chattanooga	2,061	6.8%	3.8%	78.7%	6.2%	4.6%	519	8.7%	*	73.8%	*	6.9%
University of Tennessee, Knoxville	5,080	5.0%	3.3%	79.1%	7.4%	5.2%	2,357	6.2%	4.0%	70.3%	10.6%	8.8%
University of Tennessee, Martin	1,096	10.3%	2.5%	79.6%	3.0%	4.7%	116	5.2%	*	85.3%	*	5.2%
University of Tennessee, Medical Health Sci Center	182	12.1%	3.3%	74.7%	3.8%	6.0%	825	6.3%	2.7%	74.5%	13.0%	3.5%
UT University Total	8,419	6.3%	3.3%	78.9%	6.4%	5.0%	3,817	6.5%	3.6%	72.2%	10.5%	7.3%
University Total	23,819	15.4%	4.2%	69.7%	6.7%	4.0%	8,639	12.6%	3.3%	68.6%	10.6%	4.8%
Grand Total	40,283	13.4%	4.4%	72.9%	5.8%	3.5%	8,639	12.6%	3.3%	68.6%	10.6%	4.8%

Source: THEC SIS

Note: Other includes American Indian, Alaskan Native, Asian and Pacific Islander, and Multiracial.

Table 2.6

Awards by Five Most Utilized Major Fields Academic Year 2019 - 2020					
Major Field: <u>Undergraduate</u>			Major Field: <u>Graduate</u>		
	Awards	Percent of All UG Awards		Awards	Percent of All Grad Awards
Liberal Arts & Sciences	9,997	24.8%	Health Professions & Related Services	2,169	25.1%
Health Professions & Related Services	5,723	14.2%	Education	1,360	15.7%
Business Management & Administrative Services	5,308	13.2%	Business Management & Administrative Services	1,256	14.5%
Engineering	2,989	7.4%	Protective Services & Public Affairs	702	8.1%
Parks, Recreation, Leisure & Fitness Studies	1,774	4.4%	Engineering	532	6.2%

Source: THEC SIS

Note: Major fields are defined by their two-digit federal CIP code. Based on end of term data.

Table 2.7

Six-year Graduation Rates Fall Cohorts 2004 - 2014											
Institution	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
TBR Community Colleges											
Chattanooga State Community College	20.3%	22.6%	21.6%	25.2%	21.8%	20.6%	20.5%	22.0%	26.8%	27.6%	28.5%
Cleveland State Community College	28.3%	30.3%	33.1%	33.5%	28.1%	30.4%	26.3%	27.0%	26.0%	32.9%	34.2%
Columbia State Community College	32.1%	35.6%	37.0%	35.4%	36.8%	32.2%	36.3%	33.0%	40.3%	40.1%	41.4%
Dyersburg State Community College	20.0%	25.7%	22.9%	23.1%	26.7%	20.5%	19.4%	25.0%	22.8%	29.9%	32.8%
Jackson State Community College	24.7%	25.6%	24.5%	26.9%	30.1%	22.7%	23.2%	19.4%	26.4%	26.2%	32.0%
Motlow State Community College	29.6%	31.2%	33.4%	32.7%	34.7%	32.6%	31.7%	35.9%	36.4%	40.8%	48.5%
Nashville State Community College	22.2%	22.1%	22.2%	24.5%	16.9%	22.5%	23.3%	22.0%	22.1%	22.6%	25.6%
Northeast State Community College	27.4%	31.1%	32.2%	32.2%	32.2%	29.0%	26.6%	28.5%	30.4%	34.8%	35.4%
Pellissippi State Community College	27.2%	33.3%	35.7%	34.5%	36.6%	31.2%	31.0%	33.7%	36.5%	36.6%	38.7%
Roane State Community College	30.9%	32.1%	31.9%	35.8%	37.0%	34.2%	32.1%	34.6%	35.9%	39.4%	42.3%
Southwest Tennessee Community College	11.1%	15.4%	13.5%	15.8%	14.7%	12.8%	15.5%	15.5%	19.3%	22.1%	21.8%
Volunteer State Community College	25.1%	25.7%	27.0%	26.6%	26.2%	26.0%	27.2%	29.7%	31.9%	35.3%	37.1%
Walters State Community College	29.2%	31.7%	32.6%	35.4%	37.8%	34.3%	33.0%	35.6%	36.2%	41.1%	37.9%
TBR Community College Total	24.4%	27.2%	27.6%	29.1%	28.8%	26.4%	26.4%	27.6%	30.5%	33.2%	34.9%
Locally Governed Institutions											
Austin Peay State University	38.1%	43.6%	46.6%	44.8%	47.6%	45.3%	46.3%	47.7%	48.0%	51.6%	53.5%
East Tennessee State University	45.1%	52.2%	51.7%	52.2%	54.0%	52.2%	50.2%	49.5%	54.7%	57.3%	59.6%
Middle Tennessee State University	52.8%	54.5%	54.3%	55.7%	53.1%	51.1%	50.2%	49.6%	51.5%	53.4%	57.4%
Tennessee State University	38.0%	42.9%	43.0%	39.8%	41.0%	34.1%	34.0%	32.9%	36.5%	38.9%	38.2%
Tennessee Technological University	54.5%	56.6%	57.8%	60.1%	59.8%	61.7%	60.1%	58.4%	64.0%	63.7%	65.0%
University of Memphis	40.8%	46.7%	47.1%	50.7%	49.0%	49.4%	47.4%	48.2%	53.2%	58.4%	56.6%
LGI - University Total	46.1%	50.3%	50.8%	52.1%	51.8%	50.1%	49.0%	48.9%	52.6%	54.9%	55.9%
UT Universities											
University of Tennessee, Chattanooga	49.6%	54.3%	53.8%	53.3%	54.2%	59.8%	60.1%	62.1%	64.7%	63.9%	66.3%
University of Tennessee, Knoxville	66.5%	73.7%	75.5%	77.1%	79.1%	79.4%	79.9%	79.7%	82.3%	82.7%	80.4%
University of Tennessee, Martin	53.1%	59.4%	59.2%	56.9%	58.1%	58.2%	58.6%	56.4%	56.1%	55.3%	62.6%
UT University Total	60.7%	67.1%	67.5%	67.6%	68.6%	69.5%	71.0%	70.7%	72.6%	72.5%	74.0%
University Total	52.1%	57.0%	57.5%	58.2%	58.5%	57.2%	57.0%	57.1%	60.4%	61.8%	63.0%
Grand Total	41.0%	45.1%	45.5%	47.0%	46.8%	43.5%	43.8%	44.6%	48.2%	50.3%	51.5%

Source: THEC SIS, National Student Clearinghouse

Notes:

- Graduation rates for the 2006 entering cohort forward were derived from a new calculation procedure.
- Graduation rates in this table can be found in the **Overall Grad Rate** column of the **Total Grads** section in Table 2.8.

Table 2.8

Six-year Graduation Rates by Institution Fall 2014 Cohort												
Institution	FTTF	Total Grads		Grads from Admitting Institution			Grads from Non-Admitting Institutions					
							TN Public 2-Year		TN Public 4-Year		Private and Out-of-State Institutions	
		Grads	Overall Grad Rate	Grads	Institution Grad Rate	Percent of Total	Grads	Percent of Total	Grads	Percent of Total	Grads	Percent of Total
TBR Community Colleges												
Chattanooga State Community College	1,156	329	28.5%	271	23.4%	82.4%	279	84.8%	100	30.4%	39	11.9%
Cleveland State Community College	708	242	34.2%	172	24.3%	71.1%	189	78.1%	71	29.3%	45	18.6%
Columbia State Community College	783	324	41.4%	253	32.3%	78.1%	262	80.9%	121	37.3%	55	17.0%
Dyersburg State Community College	402	132	32.8%	102	25.4%	77.3%	103	78.0%	53	40.2%	14	10.6%
Jackson State Community College	803	257	32.0%	198	24.7%	77.0%	202	78.6%	85	33.1%	41	16.0%
Motlow State Community College	927	450	48.5%	397	42.8%	88.2%	409	90.9%	206	45.8%	41	9.1%
Nashville State Community College	1,128	289	25.6%	198	17.6%	68.5%	216	74.7%	109	37.7%	33	11.4%
Northeast State Community College	1,105	391	35.4%	353	31.9%	90.3%	356	91.0%	153	39.1%	32	8.2%
Pellissippi State Community College	1,976	764	38.7%	606	30.7%	79.3%	640	83.8%	324	42.4%	93	12.2%
Roane State Community College	1,076	455	42.3%	393	36.5%	86.4%	404	88.8%	157	34.5%	53	11.6%
Southwest Tennessee Community College	1,453	317	21.8%	214	14.7%	67.5%	219	69.1%	123	38.8%	50	15.8%
Volunteer State Community College	1,185	439	37.0%	351	29.6%	80.0%	360	82.0%	169	38.5%	79	18.0%
Walters State Community College	1,275	483	37.9%	416	32.6%	86.1%	430	89.0%	198	41.0%	68	14.1%
TBR Community College Total	13,977	4,872	34.9%	3,924	28.1%	80.5%	4,069	83.5%	1,869	38.4%	643	13.2%
Locally Governed Institutions												
Austin Peay State University	1,401	749	53.5%	648	46.3%	86.5%	23	3.1%	694	92.7%	44	5.9%
East Tennessee State University	2,028	1,209	59.6%	996	49.1%	82.4%	79	6.5%	1,075	88.9%	86	7.1%
Middle Tennessee State University	3,047	1,749	57.4%	1,534	50.3%	87.7%	79	4.5%	1,626	93.0%	69	3.9%
Tennessee State University	1,564	597	38.2%	477	30.5%	79.9%	12	2.0%	521	87.3%	70	11.7%
Tennessee Technological University	1,875	1,218	65.0%	1,045	55.7%	85.8%	71	5.8%	1,124	92.3%	48	3.9%
University of Memphis	2,317	1,312	56.6%	1,168	50.4%	89.0%	31	2.4%	1,218	92.8%	78	5.9%
LGI - University Total	12,232	6,834	55.9%	5,868	48.0%	85.9%	295	4.3%	6,258	91.6%	395	5.8%
UT Universities												
University of Tennessee, Chattanooga	2,135	1,416	66.3%	1,070	50.1%	75.6%	109	7.7%	1,275	90.0%	69	4.9%
University of Tennessee, Knoxville	4,599	3,698	80.4%	3,297	71.7%	89.2%	78	2.1%	3,475	94.0%	379	10.2%
University of Tennessee, Martin	1,170	732	62.6%	617	52.7%	84.3%	30	4.1%	663	90.6%	50	6.8%
UT University Total	7,904	5,846	74.0%	4,984	63.1%	85.3%	217	3.7%	5,413	92.6%	498	8.5%
University Total	20,136	12,680	63.0%	10,852	53.9%	85.6%	512	4.0%	11,671	92.0%	893	7.0%
Grand Total	34,113	17,552	51.5%	14,776	43.3%	84.2%	4,581	26.1%	13,540	77.1%	1,536	8.8%

Source: THEC SIS, National Student Clearinghouse

Notes:

- **Total Grads** were first-time, full-time freshmen (FTTF) who enrolled summer of 2014 and returned that fall, or enrolled fall 2014 and graduated from either their admitting institution or another institution by spring or summer of 2020. Graduates from the summer of 2020 were included along with traditionally reported spring graduates to align with IPEDS reporting.
- The **Overall Grad Rate** is based on a distinct count of students and includes all in- and out-of-state graduates. Graduates across columns may be duplicated where students graduated from both the admitting institution and a non-admitting institution. **Institution Grad Rate** is the grads from admitting institution divided by FTTF.
- **Private and Out-of-State Institutions** includes Tennessee private (TICUA and non-TICUA) and out-of-state public and private institutions. This differs from previous reporting formats. Disaggregated counts and rates for TICUA, non-TICUA, and out-of-state institutions are available upon request.

Table 2.9

Four-year Graduation Rates by Institution Fall 2014 Cohort												
Institution	FTTF	Total Grads		Grads from Admitting Institution			Grads from Non-Admitting Institutions					
							TN Public 2-Year		TN Public 4-Year		Private and Out-of-State Institutions	
		Grads	Overall Grad Rate	Grads	Institution Grad Rate	Percent of Total	Grads	Percent of Total	Grads	Percent of Total	Grads	Percent of Total
TBR Community Colleges												
Chattanooga State Community College	1,156	255	22.1%	232	20.1%	91.0%	238	93.3%	25	9.8%	16	6.3%
Cleveland State Community College	708	187	26.4%	149	21.0%	79.7%	160	85.6%	28	15.0%	22	11.8%
Columbia State Community College	783	258	33.0%	233	29.8%	90.3%	237	91.9%	46	17.8%	20	7.8%
Dyersburg State Community College	402	99	24.6%	86	21.4%	86.9%	87	87.9%	19	19.2%	*	<5.0%
Jackson State Community College	803	201	25.0%	173	21.5%	86.1%	177	88.1%	27	13.4%	19	9.5%
Motlow State Community College	927	386	41.6%	362	39.1%	93.8%	372	96.4%	75	19.4%	17	4.4%
Nashville State Community College	1,128	185	16.4%	160	14.2%	86.5%	170	91.9%	26	14.1%	*	<5.0%
Northeast State Community College	1,105	308	27.9%	295	26.7%	95.8%	298	96.8%	40	13.0%	12	3.9%
Pellissippi State Community College	1,976	610	30.9%	537	27.2%	88.0%	559	91.6%	116	19.0%	38	6.2%
Roane State Community College	1,076	373	34.7%	343	31.9%	92.0%	349	93.6%	54	14.5%	27	7.2%
Southwest Tennessee Community College	1,453	203	14.0%	176	12.1%	86.7%	179	88.2%	21	10.3%	16	7.9%
Volunteer State Community College	1,185	335	28.3%	307	25.9%	91.6%	315	94.0%	57	17.0%	24	7.2%
Walters State Community College	1,275	408	32.0%	373	29.3%	91.4%	382	93.6%	78	19.1%	26	6.4%
TBR Community College Total	13,977	3,808	27.2%	3,426	24.5%	90.0%	3,523	92.5%	612	16.1%	246	6.5%
Locally Governed Institutions												
Austin Peay State University	1,401	471	33.6%	427	30.5%	90.7%	15	3.2%	445	92.7%	14	3.0%
East Tennessee State University	2,028	748	36.9%	635	31.3%	84.9%	52	7.0%	668	88.9%	40	5.3%
Middle Tennessee State University	3,047	1,019	33.4%	908	29.8%	89.1%	52	5.1%	938	93.0%	33	3.2%
Tennessee State University	1,564	263	16.8%	232	14.8%	88.2%	7	2.7%	237	87.3%	19	7.2%
Tennessee Technological University	1,875	723	38.6%	639	34.1%	88.4%	40	5.5%	663	92.3%	25	3.5%
University of Memphis	2,317	693	29.9%	632	27.3%	91.2%	18	2.6%	652	92.8%	27	3.9%
LGI - University Total	12,232	3,917	32.0%	3,473	28.4%	88.7%	184	4.7%	3,603	92.0%	158	4.0%
UT Universities												
University of Tennessee, Chattanooga	2,135	847	39.7%	695	32.6%	82.1%	65	7.7%	770	90.0%	20	2.4%
University of Tennessee, Knoxville	4,599	2,547	55.4%	2,375	51.6%	93.2%	47	1.8%	2,425	94.0%	273	10.7%
University of Tennessee, Martin	1,170	452	38.6%	399	34.1%	88.3%	13	2.9%	415	90.6%	25	5.5%
UT University Total	7,904	3,846	48.7%	3,469	43.9%	90.2%	125	3.3%	3,610	93.9%	318	8.3%
University Total	20,136	7,763	38.6%	6,942	34.5%	89.4%	309	4.0%	7,213	92.9%	476	6.1%
Grand Total	34,113	11,571	33.9%	10,368	30.4%	89.6%	3,832	33.1%	7,825	67.6%	722	6.2%

Source: THEC SIS, National Student Clearinghouse

Notes:

- **Total Grads** were first-time, full-time freshmen (FTTF) who enrolled summer of 2014 and returned that fall, or enrolled fall 2014 and graduated from either their admitting institution or another institution by spring or summer of 2018. Graduates from the summer of 2018 were included along with traditionally reported spring graduates to align with IPEDS reporting.
- The **Overall Grad Rate** is based on a distinct count of students and includes all in- and out-of-state graduates. Graduates across columns may be duplicated where students graduated from both the admitting institution and a non-admitting institution. **Institution Grad Rate** is the grads from admitting institution divided by FTTF.
- **Private and Out-of-State Institutions** includes Tennessee private (TICUA and non-TICUA) and out-of-state public and private institutions. This differs from previous reporting formats. Disaggregated counts and rates for TICUA, non-TICUA, and out-of-state institutions are available upon request.

Table 2.10

Six-year Graduation Rates by Institution and Race and Ethnicity Fall 2014 Cohort						
Institution	2014 FTFTF	Graduation Rates				
		White, Not Hispanic	Black, Not Hispanic	Hispanic of Any Race	Other	Unknown
TBR Community Colleges						
Chattanooga State Community College	1,156	32.3%	10.8%	35.4%	24.0%	50.0%
Cleveland State Community College	708	32.8%	17.1%	53.6%	35.3%	50.0%
Columbia State Community College	783	43.1%	23.2%	42.9%	27.3%	56.0%
Dyersburg State Community College	402	33.1%	31.7%	30.0%	31.3%	100.0%
Jackson State Community College	803	37.1%	14.5%	50.0%	21.2%	31.0%
Motlow State Community College	927	48.6%	34.2%	55.8%	50.0%	64.9%
Nashville State Community College	1,128	29.9%	18.5%	27.6%	21.9%	39.1%
Northeast State Community College	1,105	35.9%	14.3%	42.4%	32.5%	14.3%
Pellissippi State Community College	1,976	40.2%	28.2%	39.2%	33.6%	50.0%
Roane State Community College	1,076	42.7%	45.5%	20.0%	34.4%	52.6%
Southwest Tennessee Community College	1,453	30.4%	16.4%	37.0%	26.8%	0.0%
Volunteer State Community College	1,185	40.0%	13.3%	34.8%	42.6%	31.4%
Walters State Community College	1,275	39.2%	13.5%	30.6%	27.5%	60.0%
TBR Community College Total	13,977	38.3%	18.4%	37.0%	30.7%	46.5%
Locally Governed Institutions						
Austin Peay State University	1,401	54.1%	49.8%	53.3%	54.2%	64.7%
East Tennessee State University	2,028	63.1%	35.1%	52.5%	53.2%	56.8%
Middle Tennessee State University	3,047	61.0%	49.1%	54.8%	54.0%	74.0%
Tennessee State University	1,564	39.7%	38.3%	50.0%	29.7%	37.5%
Tennessee Technological University	1,875	66.9%	56.6%	60.0%	43.3%	59.0%
University of Memphis	2,317	62.3%	46.4%	57.3%	57.5%	54.3%
LGI - University Total	12,232	61.6%	43.9%	55.3%	50.6%	61.6%
UT Universities						
University of Tennessee, Chattanooga	2,135	67.4%	60.7%	53.8%	68.2%	70.2%
University of Tennessee, Knoxville	4,599	82.0%	72.6%	71.4%	71.8%	88.2%
University of Tennessee, Martin	1,170	63.7%	57.3%	50.0%	52.9%	81.8%
UT University Total	7,904	75.3%	65.8%	64.8%	69.0%	83.8%
University Total	20,136	67.8%	47.9%	58.6%	57.8%	73.2%
Grand Total	34,113	55.2%	37.4%	48.7%	48.4%	63.2%

Source: THEC SIS, National Student Clearinghouse

Notes:

- **Other** includes Alaskan Native, American Indian, Asian or Pacific Islander, and Multiracial.
- The **Unknown** category indicates unreported race.

Table 2.11

Six-year Graduation Rates by Gender and Pell Eligibility				
Fall 2014 Cohort				
Institution	% Male	% Female	% Pell-Eligible	% Pell-Ineligible
TBR Community Colleges				
Chattanooga State Community College	28.2%	28.7%	24.4%	37.1%
Cleveland State Community College	36.8%	32.3%	30.8%	43.8%
Columbia State Community College	40.8%	41.9%	38.2%	47.7%
Dyersburg State Community College	32.7%	32.9%	29.1%	48.1%
Jackson State Community College	33.6%	30.9%	29.0%	43.8%
Motlow State Community College	46.6%	49.9%	45.4%	54.8%
Nashville State Community College	22.5%	28.2%	23.7%	36.5%
Northeast State Community College	32.6%	37.8%	31.3%	48.1%
Pellissippi State Community College	35.0%	42.1%	33.8%	48.3%
Roane State Community College	38.2%	44.7%	35.2%	61.8%
Southwest Tennessee Community College	18.7%	24.4%	19.7%	31.0%
Volunteer State Community College	33.7%	39.6%	33.8%	44.2%
Walters State Community College	36.4%	39.1%	32.4%	54.4%
TBR Community College Total	32.6%	36.6%	30.6%	46.6%
Locally Governed Institutions				
Austin Peay State University	43.9%	60.1%	48.8%	61.5%
East Tennessee State University	53.5%	64.6%	48.0%	73.3%
Middle Tennessee State University	52.4%	61.4%	48.4%	69.8%
Tennessee State University	30.9%	43.5%	33.7%	44.0%
Tennessee Technological University	59.8%	71.0%	56.1%	74.0%
University of Memphis	50.3%	61.2%	47.8%	68.5%
LGI - University Total	50.1%	60.6%	47.5%	66.8%
UT Universities				
University of Tennessee, Chattanooga	58.4%	71.9%	59.1%	73.3%
University of Tennessee, Knoxville	75.0%	85.8%	70.4%	86.2%
University of Tennessee, Martin	53.4%	68.7%	53.8%	75.6%
UT University Total	68.2%	78.9%	63.6%	82.0%
University Total	57.3%	67.7%	52.8%	73.8%
Grand Total	47.3%	54.8%	41.8%	66.3%

Source: THEC SIS

Notes:

- Rates in this table represent the share of the 2014 cohort who graduated (i.e., earned an associate or bachelor's degree) by the spring or summer of 2020. To further illustrate, the **% Male** column represents the share of the 2014 cohort who are males that graduated within six years. Totaling the % Male and % Female columns or the % Pell-Eligible and % Pell-Ineligible fields will not sum to 100% as each rate is based off a different denominator. N-counts are available upon request.
- **Pell Eligible** students are defined as students who were eligible to receive the Pell grant at any time during their college career. Pell eligibility is a dynamic field and can change over time.

Table 2.12

Adult Public Undergraduate Six-Year Graduation Rates by Institution									
Fall 2014 Cohort									
Institution	Adult Freshmen	Total Grads		Grads from Admitting Institution Only		Grads from Non-Admitting Institutions Only		Grads from Both Admitting & Non-Admitting Institutions	
		Headcount	Percent	Headcount	Percent	Headcount	Percent	Headcount	Percent
TBR Community Colleges									
Chattanooga State Community College	1,258	284	22.6%	230	18.3%	14	1.1%	40	3.2%
Cleveland State Community College	343	78	22.7%	69	20.1%	*	2.0%	*	0.6%
Columbia State Community College	474	114	24.1%	87	18.4%	14	3.0%	13	2.7%
Dyersburg State Community College	231	58	25.1%	45	19.5%	*	1.7%	*	3.9%
Jackson State Community College	351	97	27.6%	82	23.4%	9	2.6%	6	1.7%
Motlow State Community College	374	114	30.5%	81	21.7%	15	4.0%	18	4.8%
Nashville State Community College	1,696	426	25.1%	309	18.2%	47	2.8%	70	4.1%
Northeast State Community College	643	204	31.7%	175	27.2%	7	1.1%	22	3.4%
Pellissippi State Community College	846	303	35.8%	244	28.8%	15	1.8%	44	5.2%
Roane State Community College	476	120	25.2%	96	20.2%	*	1.1%	*	4.0%
Southwest Tennessee Community College	1,486	355	23.9%	262	17.6%	53	3.6%	40	2.7%
Volunteer State Community College	729	186	25.5%	146	20.0%	18	2.5%	22	3.0%
Walters State Community College	311	103	33.1%	76	24.4%	10	3.2%	17	5.5%
TBR Community College Total	9,218	2,442	26.5%	1,902	20.6%	218	2.4%	322	3.5%
Locally Governed Institutions									
Austin Peay State University	305	82	26.9%	79	25.9%	*	0.7%	*	0.3%
East Tennessee State University	212	69	32.5%	62	29.2%	*	2.8%	*	0.5%
Middle Tennessee State University	174	59	33.9%	53	30.5%	6	3.4%	-	0.0%
Tennessee State University	328	109	33.2%	94	28.7%	*	3.0%	*	1.5%
Tennessee Technological University	51	13	25.5%	13	25.5%	-	0.0%	-	0.0%
University of Memphis	195	30	15.4%	26	13.3%	*	1.5%	*	0.5%
LGI University Total	1,265	362	28.6%	327	25.8%	27	2.1%	8	0.6%
UT Universities									
University of Tennessee at Chattanooga	26	*	15.4%	*	11.5%	*	3.8%	-	0.0%
University of Tennessee, Knoxville	20	12	60.0%	*	50.0%	*	10.0%	-	0.0%
University of Tennessee at Martin	102	23	22.5%	*	20.6%	*	1.0%	*	1.0%
UT University Total	148	39	26.4%	34	23.0%	*	2.7%	*	0.7%
University Total	1,413	401	28.4%	361	25.5%	31	2.2%	9	0.6%
Grand Total	10,631	2,843	26.7%	2,263	21.3%	249	2.3%	331	3.1%

Source: THEC SIS, National Student Clearinghouse

Note: This is different from how we traditionally calculate six-year graduation rate. The freshmen denominator is not limited to first-time students and captures both full-time and part-time students. This definition more closely captures the adult student experience in higher education.

Table 2.13

Tennessee Colleges of Applied Technology Awards by Program, Ten Most Utilized Programs, Academic Year 2019-20				
Major Name	Certificates	Diplomas	Other	Total
Practical Nursing	271	1,280		1,551
Welding Technology	257	504	9	770
Cosmetology	90	326		416
Automotive Technology	205	204		409
Administrative Office Technology	129	195		324
Heating, Ventilation, Air Conditioning, And Refrigeration	97	225		322
Machine Tool Technology	80	229		309
Computer Information Technology	178	91		269
Industrial Electricity	39	175		214
Industrial Maintenance Automation	104	84		188
Grand Total	1,450	3,313	9	4,772

Source: TBR

Notes: TCATs transitioned to a new Student Information System in 2019-20. The decline in **Other** awards is a reflection of ongoing data quality improvements and is not wholly comparable to prior years.

Table 2.14

Tennessee Colleges of Applied Technology Licensure Pass Rates by Program 2019-20			
Program	# of Grads Who Took Exam	# of Grads Who Passed Exam	% Passed
Aesthetics/Aesthetics Technology	51	48	94.1%
Aviation Maintenance Technology	77	77	100.0%
Barbering	*	*	100.0%
(Commercial) Truck Driving	230	228	99.1%
Cosmetology	207	204	98.6%
Cosmetology Instructor Training	*	*	66.7%
Emergency Medical Technician	19	16	84.2%
Manicuring	*	*	100.0%
Massage Therapy	25	22	88.0%
Nursing Aide	27	18	66.7%
Phlebotomy Technology	38	36	94.7%
Practical Nursing	1134	1074	94.7%
Surgical Technology	14	13	92.9%
Grand Total	1,833	1,746	95.3%

Source: TBR

Table 2.15

Tennessee Colleges of Applied Technology 2019-20 Program Completion and Placement Rates						
Institution	Calculated Enrollment	Completed	Percent Completed	Completers Available for Placement	Placed in Field of Training	Percent Placed
Athens	199	145	72.9%	140	123	87.9%
Chattanooga	790	659	83.4%	609	564	92.6%
Covington	243	150	61.7%	146	117	80.1%
Crossville	353	302	85.6%	278	255	91.7%
Crump	232	192	82.8%	187	159	85.0%
Dickson	527	439	83.3%	416	340	81.7%
Elizabethton	416	392	94.2%	360	350	97.2%
Harriman	188	139	73.9%	134	123	91.8%
Hartsville	226	160	70.8%	147	104	70.7%
Hohenwald	314	281	89.5%	253	236	93.3%
Jacksboro	169	150	88.8%	131	112	85.5%
Jackson	372	293	78.8%	276	222	80.4%
Knoxville	680	514	75.6%	475	381	80.2%
Livingston	342	262	76.6%	219	180	82.2%
McKenzie	117	94	80.3%	88	77	87.5%
McMinnville	172	118	68.6%	101	91	90.1%
Memphis	772	490	63.5%	396	291	73.5%
Morristown	516	385	74.6%	359	293	81.6%
Murfreesboro	377	301	79.8%	272	227	83.5%
Nashville	590	486	82.4%	401	355	88.5%
Newbern	285	227	79.6%	211	170	80.6%
Oneida/Huntsville	182	149	81.9%	138	114	82.6%
Paris	218	177	81.2%	153	116	75.8%
Pulaski	231	202	87.4%	187	152	81.3%
Ripley	181	126	69.6%	117	93	79.5%
Shelbyville	282	220	78.0%	201	168	83.6%
Whiteville	130	102	78.5%	93	81	87.1%
Grand Total	9,104	7,155	78.6%	6,488	5,494	84.7%

Source: TBR

Notes:

- **Calculated Enrollment** is the difference between total enrolled during the period less students still enrolled. This is the definition developed by the Council for Occupational Education, the TCAT accreditation body.
- **Completers Available for Placement** are those that are not enlisted in the military or seeking additional education, as well as any that are not documented to be unavailable for employment because of situations such as pregnancy, other serious health-related issues (physical/mental/behavioral), caring for ill family members, incarceration, death, etc.

Section III:

Academic and Fiscal Trends

2019-2020



Overview and Key Takeaways

This section provides an overview of academic and fiscal trends in Tennessee public postsecondary education. Academic data included in this section reflect the admission rates at public universities for fall 2020 and the share of lower-division instructional courses by instructor type. Fiscal data presented in this section correspond to either academic year 2019-2020 (externally sourced data) or academic year 2020-2021 (THEC-sourced data) and pertain to annual tuition and mandatory fees and state appropriations across Tennessee public community colleges and universities. To position Tennessee trends in context, regional data from the Southern Regional Education Board (SREB) are provided concerning appropriation and tuition revenue by sector and state, median family income required to pay median annual tuition and fees, and average full-time faculty salaries by sector. Institutional comparisons on undergraduate debt and three-year default rates are also included.

Data sources and relevant notes are indicated beneath each table and figure.

Key Takeaways

Of all Tennessee public university applicants, 76.7% (n=76,659) were accepted as first-time freshmen in fall 2020. Of those who were accepted, 27.3% (n=20,891) enrolled.

For in-state residents in academic year 2020-2021, the average annual tuition and mandatory fees within the community college sector is roughly \$4,600. For public universities (including the Locally Governed Institutions and the University of Tennessee System), the average annual tuition and mandatory fees for in-state undergraduates is approximately \$9,800.

The state appropriations for academic formula units in 2020-2021 totaled nearly \$1.2 billion. Of this total, roughly \$296 million was allocated to the community college sector, \$455 million to the Locally Governed Institutions, \$342 million to universities within the University of Tennessee System, and \$76 million to the Tennessee Colleges of Applied Technology.

In 2020-2021, state appropriations accounted for approximately 35% of public university revenue per FTE student. State appropriations accounted for the majority of revenue per FTE student at community colleges (over 51%).

Definitional changes have been applied to Table 3.2 (Lower Division Instructional Courses by Type of Instructor) and Table 3.4 (Annual Tuition and Mandatory Fees, Residential Undergraduate Students) to improve interpretability and overall meaningfulness. For Table 3.2, definitions on instructor categorizations are noted. For Table 3.4, annual tuition and mandatory fee changes over time are now reported as an annual growth rate.

Table 3.1

Admissions Data for Public Universities Fall 2020					
Institution	Number Applied	Number Accepted	Percent Accepted	Number Enrolled	Yield Rate
Locally Governed Institutions					
Austin Peay State University	9,423	6,767	71.8%	1,438	21.3%
East Tennessee State University	8,686	6,808	78.4%	1,651	24.3%
Middle Tennessee State University	9,096	8,568	94.2%	3,093	36.1%
Tennessee State University	10,355	5,476	52.9%	1,604	29.3%
Tennessee Technological University	6,781	5,400	79.6%	1,720	31.9%
University of Memphis	13,298	11,330	85.2%	2,541	22.4%
LGI University Total	57,639	44,349	76.9%	12,047	27.2%
UT Universities					
University of Tennessee, Chattanooga	7,937	6,597	83.1%	2,222	33.7%
University of Tennessee, Knoxville	25,423	19,867	78.1%	5,512	27.7%
University of Tennessee, Martin	9,002	5,846	64.9%	1,110	19.0%
UT Total	42,362	32,310	76.3%	8,844	20.9%
University Total	100,001	76,659	76.7%	20,891	27.3%

Source: UT, LGIs

Notes: This cohort represents the 2020 summer, returning fall, and fall first-time freshmen. Yield rate refers to the number of students who enrolled versus the number accepted.

Table 3.2

Lower Division Instructional Courses By Type of Instructor Fall 2020						
Institution	Full-Time Faculty	Part-Time Faculty	Adjunct Faculty	Graduate Assistant	Other Employee	Total
Community Colleges						
Chattanooga State Community College	62.3%	0.0%	27.2%	0.0%	10.6%	100.0%
Cleveland State Community College	68.0%	0.0%	29.3%	0.0%	2.8%	100.0%
Columbia State Community College	53.6%	0.0%	33.5%	0.0%	12.9%	100.0%
Dyersburg State Community College	65.4%	0.0%	29.8%	0.0%	4.8%	100.0%
Jackson State Community College	66.2%	0.1%	26.0%	0.0%	7.7%	100.0%
Motlow State Community College	56.9%	0.0%	36.8%	0.0%	6.3%	100.0%
Nashville State Community College	59.1%	0.0%	40.5%	0.0%	0.4%	100.0%
Northeast State Community College	57.9%	0.0%	39.9%	0.0%	2.2%	100.0%
Pellissippi State Community College	65.6%	0.0%	31.4%	0.0%	2.9%	100.0%
Roane State Community College	58.5%	0.0%	27.7%	0.0%	13.8%	100.0%
Southwest Tennessee Community College	62.7%	0.0%	7.9%	0.0%	29.4%	100.0%
Volunteer State Community College	55.0%	0.0%	43.9%	0.0%	1.1%	100.0%
Walters State Community College	68.2%	0.0%	30.8%	0.0%	1.0%	100.0%
TBR Community College Total	61.0%	0.0%	31.2%	0.0%	7.9%	100.0%
Locally Governed Institutions						
Austin Peay State University	53.6%	0.0%	35.2%	2.4%	8.8%	100.0%
East Tennessee State University	58.6%	13.6%	18.3%	3.9%	5.6%	100.0%
Middle Tennessee State University	74.1%	0.0%	14.2%	5.6%	6.1%	100.0%
Tennessee State University	55.8%	0.0%	30.4%	0.4%	13.4%	100.0%
Tennessee Technological University	69.2%	0.0%	12.5%	4.7%	13.5%	100.0%
University of Memphis	56.0%	0.0%	18.3%	11.7%	14.0%	100.0%
LGI - University Total	62.3%	2.0%	20.6%	5.3%	9.8%	100.0%
UT Universities						
University of Tennessee, Chattanooga	62.4%	0.0%	30.3%	0.1%	7.2%	100.0%
University of Tennessee, Knoxville	68.6%	2.7%	6.7%	13.5%	8.5%	100.0%
University of Tennessee, Martin	65.5%	0.3%	28.7%	0.0%	5.5%	100.0%
UT University Total	66.8%	1.6%	15.8%	8.1%	7.6%	100.0%
University Total	64.0%	1.9%	18.8%	6.4%	9.0%	100.0%
Grand Total	62.3%	0.8%	25.7%	2.8%	8.4%	100.0%

Source: UT, LGIs

Notes: To align reporting across institutions, the definition for "Adjunct Faculty" has been revised for the 2020-21 Fact Book. To reflect IPEDS reporting, "Adjunct Faculty" should be interpreted as "Non-tenure track, instructional staff serving in a temporary or auxiliary capacity to teach specific courses on a course-by-course basis." This is distinguished from "Part-Time Faculty," who are not paid on a course-by-course basis. Other Employee includes professional non-faculty staff, administrators, and other non-instructional staff. Given these definition clarifications, this table is not entirely comparable to past reports.

Figure 3.1
Average Full-Time Faculty Salary, All Ranks
Public Universities

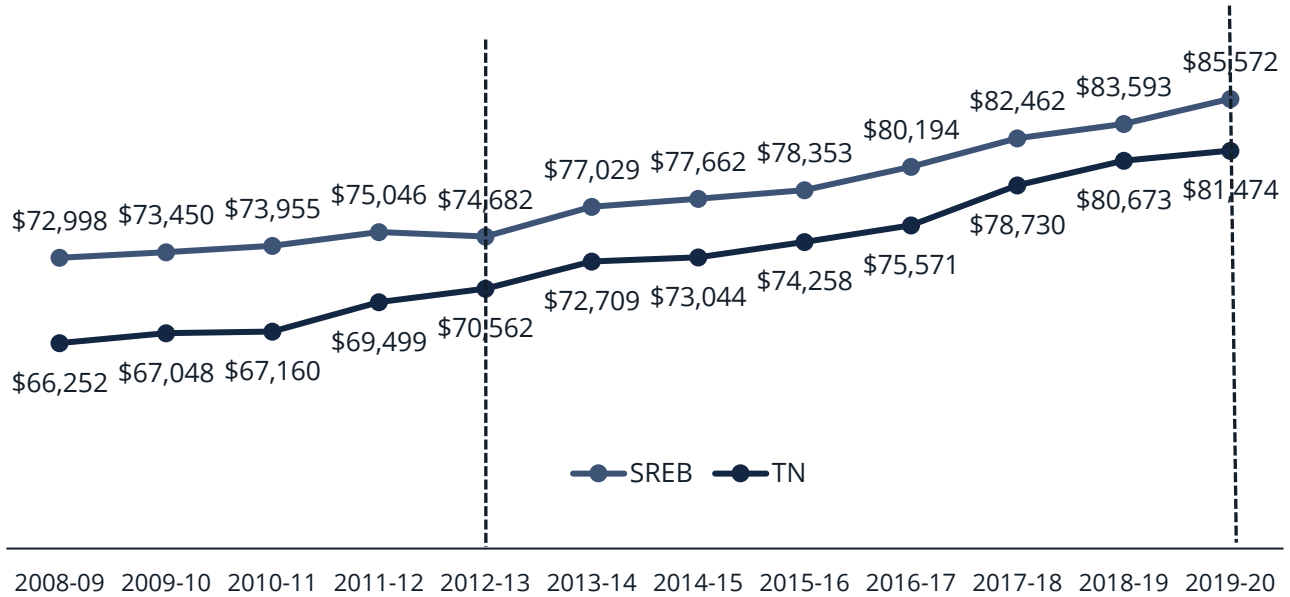
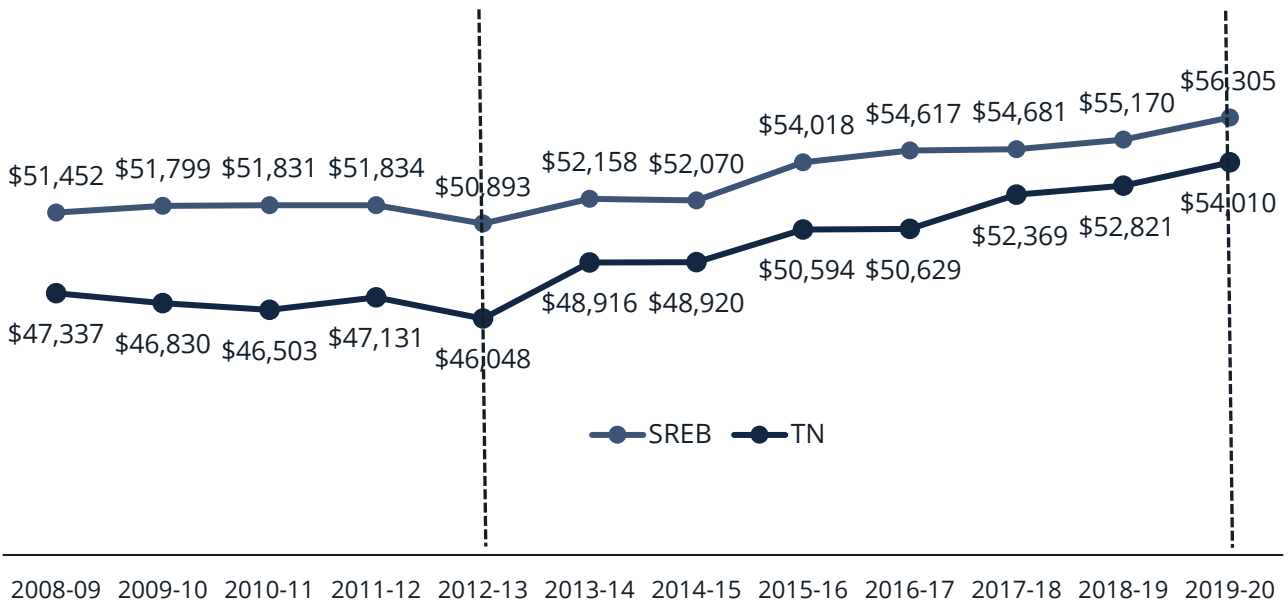


Figure 3.2
Average Full-Time Faculty Salary, All Ranks
Community Colleges



Source: SREB Fact Book on Higher Education, Tables 142-143

Notes:

- In 2019-20, the nine-month equivalent salaries were calculated by dividing the IPEDS-reported total 9-month equated salary outlay by the total number of staff. In previous years, the nine-month equivalent salaries are calculated by dividing the total salary outlay by the total number of service months and multiplying by 9. The formula for calculating weighted average salaries also changed in 2012-13 because IPEDS changed the categories of contract length in its HR survey. Nine-month equivalent salaries for 2012-13 through 2018-19 were calculated by dividing the total salary outlay by the total number of service months and multiplying by nine.
- Dollars are unadjusted for inflation.
- Data include all institutions.

Table 3.3

Annual Tuition and Mandatory Fees Academic Year 2020 - 2021				
Institutions	Undergraduate		Graduate	
	Resident	Non-resident	Resident	Non-resident
TBR Community Colleges				
Chattanooga State Community College	\$4,568	\$22,016	NA	NA
Cleveland State Community College	\$4,548	\$21,996	NA	NA
Columbia State Community College	\$4,582	\$22,030	NA	NA
Dyersburg State Community College	\$4,548	\$21,996	NA	NA
Jackson State Community College	\$4,534	\$21,982	NA	NA
Motlow State Community College	\$4,554	\$22,002	NA	NA
Nashville State Community College	\$4,504	\$21,952	NA	NA
Northeast State Community College	\$4,560	\$22,008	NA	NA
Pellissippi State Community College	\$4,588	\$22,036	NA	NA
Roane State Community College	\$4,552	\$22,000	NA	NA
Southwest Tennessee Community College	\$4,568	\$22,016	NA	NA
Volunteer State Community College	\$4,542	\$21,990	NA	NA
Walters State Community College	\$4,537	\$21,985	NA	NA
TBR - Community College Average	\$4,553	\$22,001	NA	NA
Locally Governed Institutions				
Austin Peay State University	\$8,627	\$14,171	\$10,931	\$16,471
East Tennessee State University	\$9,491	\$28,673	\$11,903	\$27,023
Middle Tennessee State University	\$9,424	\$29,038	\$12,206	\$30,486
Tennessee State University	\$8,183	\$21,539	\$10,537	\$22,641
Tennessee Technological University ¹	\$9,828	\$14,028	\$11,966	\$15,326
<i>Admitted prior to Fall 2020</i>	\$9,318	\$13,518	\$11,966	\$15,326
<i>Admitted in Fall 2020 or later</i>	\$10,338	\$14,538	\$11,966	\$15,326
University of Memphis ²	\$9,924	\$16,779	\$11,940	\$18,596
<i>Non-guaranteed</i>	\$9,912	\$16,764	NA	NA
<i>Guaranteed</i>	\$9,936	\$16,794	NA	NA
LGI - University Average	\$9,246	\$20,705	\$11,581	\$21,757
UT Universities				
University of Tennessee, Chattanooga ³	\$9,268	\$25,386	\$10,270	\$18,334
<i>Soar in Four</i>	\$9,656	\$25,774	NA	NA
<i>Returning Students</i>	\$8,880	\$24,998	NA	NA
University of Tennessee, Knoxville	\$13,264	\$31,684	\$13,380	\$31,798
University of Tennessee, Martin	\$9,748	\$15,788	\$10,616	\$16,656
UT - University Average	\$10,760	\$24,286	\$11,422	\$22,263
University Average	\$9,751	\$21,898	\$11,528	\$21,926
TN Colleges of Applied Technology	\$3,936	NA	NA	NA

Source: THEC Fiscal Policy

- Notes:
- 1 – Full-time students admitted in Fall 2020 at Tennessee Technological University paid a flat rate for 15 credit hours per semester, regardless of the number of hours taken. Full-time students admitted prior to Fall 2020 and part-time students were charged a per credit hour rate for the first 12 credit hours and a discounted per credit hour rate for additional hours.
 - 2 – Beginning in 2019-20, the University of Memphis began to offer a "guaranteed tuition" option to undergraduate students. All incoming first-time, full-time freshmen will be eligible to enroll in the guaranteed tuition plan, which guarantees the Fall 2019 tuition rate for eight consecutive regular semesters if they take at least 12 student credit hours per semester.
 - 3 – Beginning in 2019-20, first-time, full-time students enrolled at UT Chattanooga will pay a flat rate for 15 credit hours per semester, regardless of how many hours taken. Returning and part-time students will be charged a flat rate for 12 credit hours per semester, regardless of how many hours are taken.

Table 3.4

Annual Tuition and Mandatory Fees Resident Undergraduate Students							
Institution	10 - 11	15-16	19 - 20	20 - 21	1-Year AGR	5-Year AGR	10-Year AGR
TBR Community Colleges							
Chattanooga State Community College	\$3,235	\$4,153	\$4,568	\$4,568	0.0%	2.0%	4.1%
Cleveland State Community College	\$3,209	\$4,127	\$4,548	\$4,548	0.0%	2.0%	4.2%
Columbia State Community College	\$3,201	\$4,099	\$4,582	\$4,582	0.0%	2.4%	4.3%
Dyersburg State Community College	\$3,211	\$4,127	\$4,548	\$4,548	0.0%	2.0%	4.2%
Jackson State Community College	\$3,193	\$4,113	\$4,534	\$4,534	0.0%	2.0%	4.2%
Motlow State Community College	\$3,213	\$4,129	\$4,554	\$4,554	0.0%	2.1%	4.2%
Nashville State Community College	\$3,165	\$4,053	\$4,504	\$4,504	0.0%	2.2%	4.2%
Northeast State Community College	\$3,221	\$4,115	\$4,560	\$4,560	0.0%	2.2%	4.2%
Pellissippi State Community College	\$3,237	\$4,167	\$4,588	\$4,588	0.0%	2.0%	4.2%
Roane State Community College	\$3,221	\$4,131	\$4,552	\$4,552	0.0%	2.0%	4.1%
Southwest Tennessee Community College	\$3,225	\$4,143	\$4,568	\$4,568	0.0%	2.1%	4.2%
Volunteer State Community College	\$3,205	\$4,105	\$4,542	\$4,542	0.0%	2.1%	4.2%
Walters State Community College	\$3,209	\$4,116	\$4,537	\$4,537	0.0%	2.0%	4.1%
TBR - Community College Average	\$3,211	\$4,121	\$4,553	\$4,553	0.0%	2.1%	4.2%
Locally Governed Institutions							
Austin Peay State University	\$6,228	\$7,801	\$8,627	\$8,627	0.0%	2.1%	3.9%
East Tennessee State University ¹	\$6,004	\$8,332	\$9,491	\$9,491	0.0%	2.8%	5.8%
<i>Juniors and Seniors</i>		\$8,187					
<i>Freshmen and Sophomores</i>		\$8,477					
Middle Tennessee State University	\$6,478	\$8,404	\$9,424	\$9,424	0.0%	2.4%	4.5%
Tennessee State University	\$5,854	\$7,417	\$8,183	\$8,183	0.0%	2.1%	4.0%
Tennessee Technological University ²	\$6,036	\$8,353	\$9,318	\$9,828	5.5%	3.5%	6.3%
<i>Admitted prior to Fall 2020</i>				\$9,318			
<i>Admitted in Fall 2020 or later</i>				\$10,338			
University of Memphis ³	\$6,990	\$9,269	\$9,924	\$9,924	0.0%	1.4%	4.2%
<i>Undergraduate - Non-guaranteed</i>			\$9,912	\$9,912			
<i>Undergraduate - guaranteed</i>			\$9,936	\$9,936			
LGI - University Average	\$6,265	\$8,263	\$9,161	\$9,246	0.9%	2.4%	4.8%
UT Universities							
University of Tennessee, Chattanooga ⁴	\$6,062	\$8,356	\$9,268	\$9,268	0.0%	2.2%	5.3%
<i>Soar in Four</i>			\$9,656	\$9,656			
<i>Returning Students</i>			\$8,880	\$8,880			
University of Tennessee, Knoxville ⁵	\$7,382	\$11,948	\$13,264	\$13,264	0.0%	2.2%	8.0%
<i>Admitted after 2013-14</i>		\$12,436					
<i>Admitted in 2013-14</i>		\$12,134					
<i>Admitted before 2013-14</i>		\$10,786					
University of Tennessee, Martin	\$6,190	\$8,326	\$9,748	\$9,748	0.0%	3.4%	5.7%
UT - University Average	\$6,545	\$9,543	\$10,760	\$10,760	0.0%	2.5%	6.4%
University Average	\$6,358	\$8,690	\$9,694	\$9,751	0.6%	2.4%	5.3%
TN Colleges of Applied Technology	\$2,735	\$3,554	\$3,936	\$3,936	0.0%	2.1%	4.4%

Source: THEC Fiscal Policy

Notes: The 1-, 5-, and 10-year changes presented here are calculated as **annual growth rates (AGR)**. This differs from past reports which calculated these as aggregate changes. These statistics are not comparable to those in prior reports.

1. The tuition and fee rate in 2015-16 is a weighted average. ETSU approved a phase-in for additional mandatory fees to fund renovations to the DP Culp Center. In 2015-16, those fees were charged to Freshmen and Sophomores only.

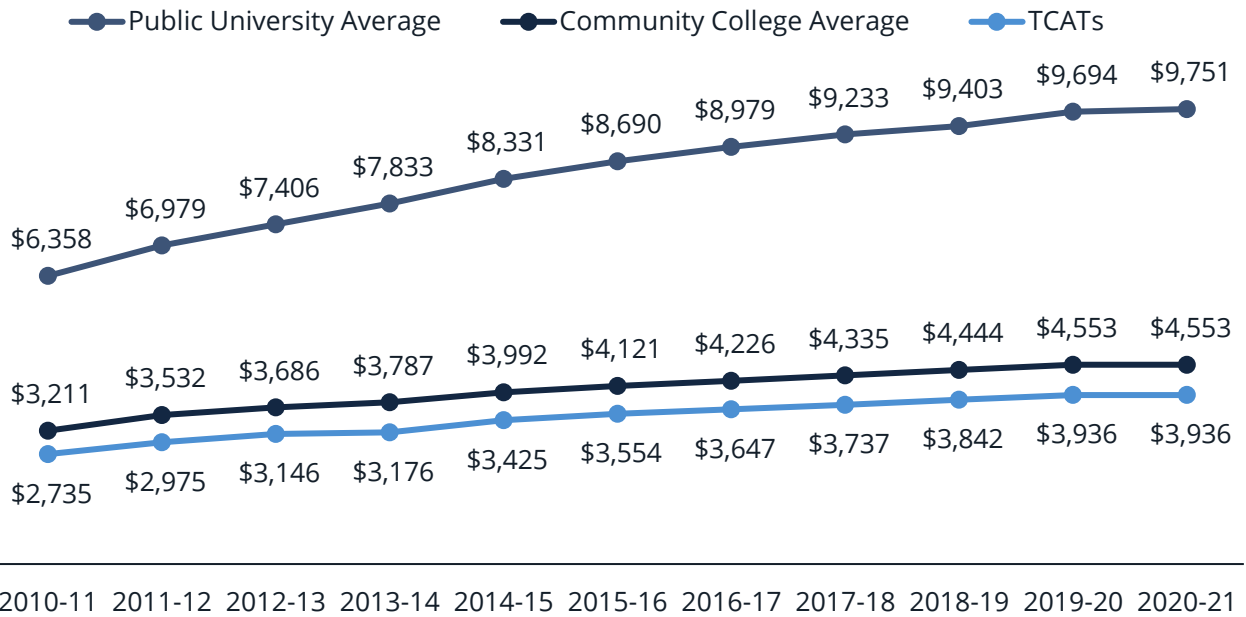
2. Full-time students admitted in Fall 2020 at Tennessee Technological University paid a flat rate for 15 credit hours per semester, regardless of the number of hours taken. Full-time students admitted prior to Fall 2020 and part-time students were charged a per credit hour rate for the first 12 credit hours and a discounted per credit hour rate for additional hours.

3. Beginning in 2019-20, the University of Memphis began to offer a "guaranteed tuition" option to undergraduate students. All incoming first-time, full-time freshmen will be eligible to enroll in the guaranteed tuition plan, which guarantees the Fall 2019 tuition rate for eight consecutive regular semesters if they take at least 12 student credit hours per semester.

4. Beginning in 2019-20, first-time, full-time students enrolled at UT Chattanooga will pay a flat rate for 15 credit hours per semester, regardless of how many hours taken. Returning and part-time students will be charged a flat rate for 12 credit hours per semester, regardless of how many hours are taken.

5. The tuition rates for students admitted to UT Knoxville in Fall 2014 and later are flat rates for 15 semester credit hours, regardless of the number of credit hours taken by the student. This policy ("Fifteen in Four") was approved in 2012 by the UT Board and introduced in Fall 2013. Tuition and fees are now structured around cohorts. The maintenance fees reported for 2015-16 is the weighted average of the fees charged across the cohorts.

Figure 3.3
Average Undergraduate Resident Annual Tuition
and Mandatory Fees by Institution Type
2010-11 through 2020-21



Source: THEC Fiscal Policy

Note: Dollars are unadjusted for inflation.

Figure 3.4
Median Family Income Required to Pay Median Annual Tuition and Fees
2018-19

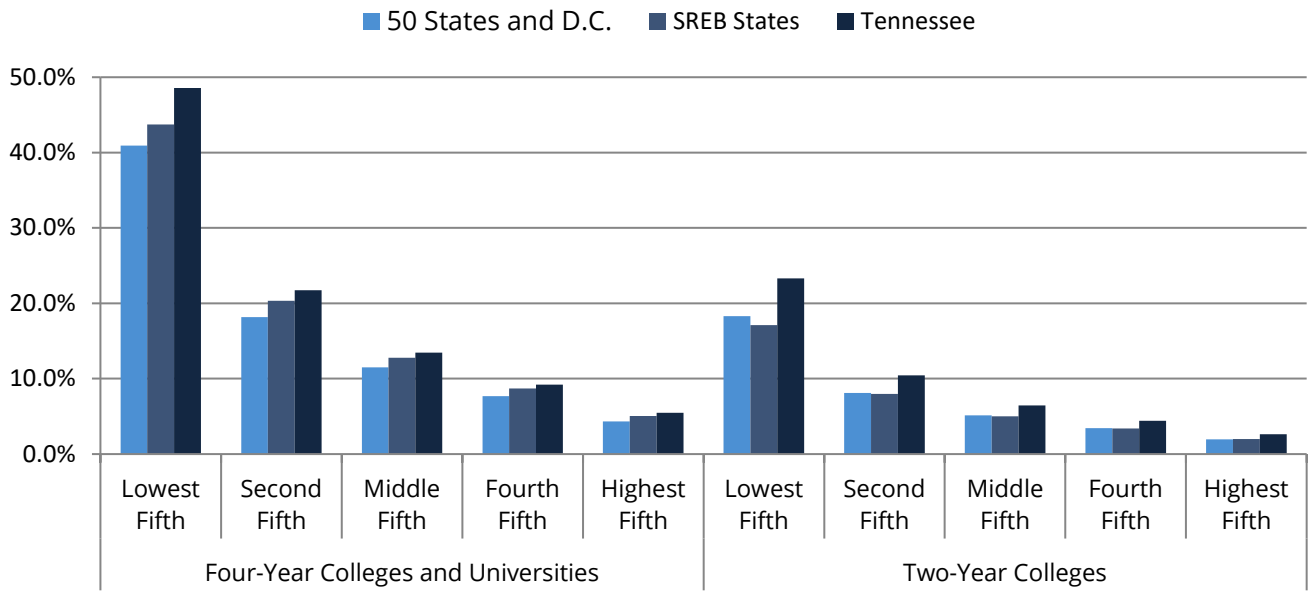
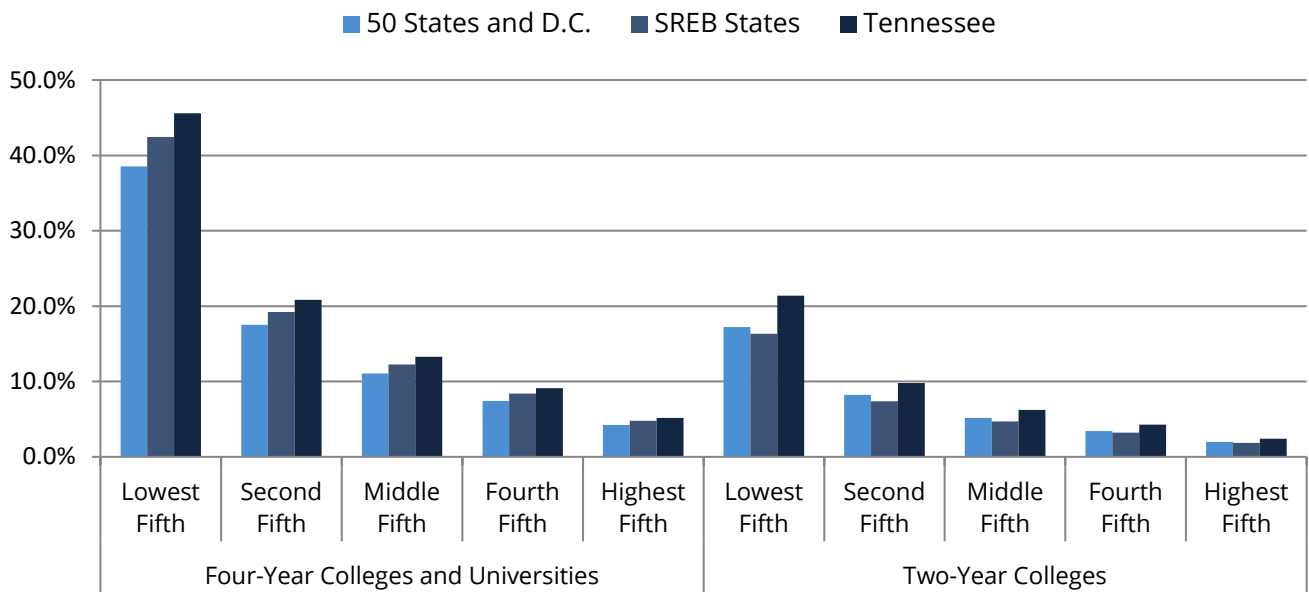


Figure 3.5
Median Family Income Required to Pay Median Annual Tuition and Fees
2019-20



Source: SREB Fact Book on Higher Education, Table 63

Table 3.5

Tuition and Fees Revenue per FTE Student Public Institutions 2019 - 2020						
State	Four-Year Institutions		Two-Year Colleges		Technical Colleges	
	Total	Change from 2018 - 2019	Total	Change from 2018 - 2019	Total	Change from 2018 - 2019
Alabama	\$ 14,934	2.2%	\$ 4,331	1.3%	\$ 5,134	-5.1%
Arkansas	\$ 8,944	4.2%	\$ 4,466	1.6%	--	--
Delaware	\$ 25,910	6.1%	\$ 5,890	0.5%	--	--
Florida	--	--	\$ 2,416	-1.2%	--	--
Georgia	\$ 7,967	0.8%	\$ 3,596	4.7%	--	--
Kentucky	\$ 14,868	0.8%	\$ 5,327	6.1%	\$ 5,229	3.1%
Louisiana	\$ 9,519	3.8%	\$ 4,479	0.1%	\$ 3,933	1.8%
Maryland	\$ 13,275	3.4%	\$ 5,027	-2.9%	--	--
Mississippi	\$ 11,716	4.3%	--	--	--	--
North Carolina	\$ 8,000	-0.3%	\$ 1,687	-7.2%	--	--
Oklahoma	\$ 13,519	17.1%	\$ 4,928	7.8%	--	--
South Carolina	--	--	--	--	--	--
SREB States	\$ 10,223	-5.2%	\$ 2,787	-11.7%	\$ 993	-71.9%
Tennessee	\$ 10,511	1.9%	\$ 5,004	0.7%	\$ 3,045	0.9%
Texas	\$ 8,099	0.5%	\$ 2,118	4.2%	--	--
Virginia	\$ 15,864	4.4%	\$ 4,990	-3.3%	--	--
West Virginia	\$ 12,700	10.6%	\$ 4,934	12.3%	--	--

Source: SREB State Data Exchange Survey, 2019-20

Notes:

- **Data on Technical Colleges are under review by SREB.** Data are to be interpreted with caution and to be considered preliminary.
- Excludes amounts mandated or used for debt service. Dashed lines indicate that data are either not available or were not reported at the time of publication.

Table 3.6

Appropriations and Tuition/Fees Revenue per FTE Student Public Institutions 2019 - 2020									
State	Four-Year Institutions			Two-Year Colleges			Technical Colleges		
	Appropriations	Tuition/Fees	Total	Appropriations	Tuition/Fees	Total	Appropriations	Tuition/Fees	Total
Alabama	30%	70%	\$ 21,469	56%	44%	\$ 9,810	64%	36%	\$ 14,285
Arkansas	43%	57%	\$ 15,729	61%	39%	\$ 11,320	--	--	--
Delaware	19%	81%	\$ 31,940	59%	41%	\$ 14,224	--	--	--
Florida*	--	--	--	62%	38%	\$ 6,284	--	--	--
Georgia	48%	52%	\$ 15,265	59%	41%	\$ 8,817	--	--	--
Kentucky	31%	69%	\$ 21,604	37%	63%	\$ 8,501	36%	64%	\$ 8,187
Louisiana	30%	70%	\$ 13,543	39%	61%	\$ 7,316	48%	52%	\$ 7,500
Maryland	49%	51%	\$ 26,178	64%	36%	\$ 13,907	--	--	--
Mississippi	36%	64%	\$ 18,329	--	--	--	--	--	--
North Carolina	57%	43%	\$ 18,787	81%	19%	\$ 9,001	--	--	--
Oklahoma	24%	76%	\$ 17,879	50%	50%	\$ 9,915	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
SREB States	40%	60%	\$ 17,153	66%	34%	\$ 8,185	58%	42%	\$ 2,351
Tennessee	43%	57%	\$ 18,513	50%	50%	\$ 10,065	66%	34%	\$ 8,962
Texas	47%	53%	\$ 15,148	77%	23%	\$ 9,091	--	--	--
Virginia	28%	72%	\$ 22,064	45%	55%	\$ 9,034	--	--	--
West Virginia	26%	74%	\$ 17,260	53%	47%	\$ 10,579	--	--	--

Source: SREB State Data Exchange Survey, 2019-20

Notes:

- **Data on Technical Colleges are under review by SREB.** Data are to be interpreted with caution and to be considered preliminary.
- This table represents the percentage of total revenue per FTE student that comes from appropriations versus tuition and fees. Dashed lines indicate that data are either not available or were not reported at the time of publication.

Table 3.7

Appropriations per FTE Student 2019 - 2020						
State	Four-Year Institutions		Two-Year Colleges		Technical Colleges	
	Total	Change from 2018 - 2019	Total	Change from 2018 - 2019	Total	Change from 2018 - 2019
Alabama	\$ 6,536	12.7%	\$ 5,479	3.8%	\$ 9,150	-6.3%
Arkansas	\$ 6,784	3.0%	\$ 6,854	1.7%	--	--
Delaware	\$ 6,029	3.6%	\$ 8,334	7.4%	--	--
Florida	--	--	\$ 3,868	2.3%	--	--
Georgia	\$ 7,298	3.2%	\$ 5,221	-1.9%	--	--
Kentucky	\$ 6,736	2.6%	\$ 3,174	-2.7%	\$ 2,958	-1.0%
Louisiana	\$ 4,025	6.3%	\$ 2,837	1.9%	\$ 3,567	0.2%
Maryland	\$ 12,904	9.0%	\$ 8,881	5.2%	--	--
Mississippi	\$ 6,612	7.0%	--	--	--	--
North Carolina	\$ 10,787	-0.2%	\$ 7,314	2.2%	--	--
Oklahoma	\$ 4,359	3.7%	\$ 4,987	15.4%	--	--
South Carolina	--	--	--	--	--	--
SREB States	\$ 6,929	2.9%	\$ 5,397	-0.7%	\$ 1,358	-71.3%
Tennessee	\$ 8,003	7.8%	\$ 5,061	8.7%	\$ 5,917	3.6%
Texas	\$ 7,049	8.2%	\$ 6,974	8.8%	--	--
Virginia	\$ 6,200	6.4%	\$ 4,044	6.2%	--	--
West Virginia	\$ 4,560	8.1%	\$ 5,645	36.0%	--	--

Source: SREB State Data Exchange Survey, 2019-20

Notes:

- **Data on Technical Colleges are under review by SREB.** Data are to be interpreted with caution and to be considered preliminary.
- Includes state general purpose, educational special purpose, and local appropriations to campuses. Dashed lines indicate that data are either not available or were not reported at the time of publication.

Table 3.8

State Appropriations for Tennessee Public Higher Education Formula Units 2016-17 through 2020-21					
Institution	2016-17	2017-18	2018-19	2019-20	2020-21
TBR Community Colleges *					
Chattanooga State Community College	\$29,315,200	\$31,118,200	\$31,863,600	\$33,669,400	\$33,084,400
Cleveland State Community College	\$9,751,700	\$10,988,200	\$11,215,700	\$12,302,400	\$11,937,900
Columbia State Community College	\$13,970,500	\$15,026,400	\$15,821,100	\$16,836,200	\$17,615,800
Dyersburg State Community College	\$8,622,500	\$9,388,600	\$9,734,200	\$10,516,000	\$10,717,100
Jackson State Community College	\$12,395,800	\$13,561,500	\$14,266,600	\$15,102,200	\$14,879,600
Motlow State Community College	\$11,739,900	\$13,292,500	\$15,023,000	\$17,565,300	\$19,334,000
Nashville State Community College	\$17,756,500	\$20,259,300	\$22,228,600	\$23,374,700	\$22,732,000
Northeast State Community College	\$16,059,900	\$18,137,200	\$19,695,300	\$21,089,900	\$23,013,900
Pellissippi State Community College	\$27,349,000	\$30,477,800	\$32,729,600	\$34,934,000	\$35,442,700
Roane State Community College	\$19,093,300	\$21,087,900	\$22,518,000	\$24,110,700	\$24,116,500
Southwest Tennessee Community College	\$26,115,800	\$27,147,100	\$28,504,100	\$30,253,800	\$29,938,100
Volunteer State Community College	\$18,698,700	\$20,809,700	\$23,498,200	\$26,331,800	\$27,806,100
Walters State Community College	\$21,912,500	\$23,469,700	\$24,606,600	\$25,527,400	\$25,474,600
TBR - Community College Total	\$232,781,300	\$254,764,100	\$271,704,600	\$291,613,800	\$296,092,700
Locally Governed Institutions					
Austin Peay State University	\$40,378,500	\$44,621,700	\$47,857,100	\$50,503,100	\$51,097,700
East Tennessee State University	\$55,362,800	\$61,099,800	\$65,770,700	\$70,579,000	\$71,656,300
Middle Tennessee State University	\$90,753,200	\$97,003,700	\$103,216,200	\$107,399,400	\$106,483,000
Tennessee State University	\$33,717,900	\$36,757,500	\$39,402,300	\$41,795,200	\$41,365,200
Tennessee Technological University	\$42,671,100	\$47,231,100	\$55,020,600	\$59,597,500	\$60,428,600
University of Memphis	\$102,440,600	\$110,827,200	\$117,771,000	\$123,370,700	\$123,734,100
LGI - University Total	\$365,324,100	\$397,541,000	\$429,037,900	\$453,244,900	\$454,764,900
UT Universities					
University of Tennessee, Chattanooga	\$45,835,300	\$51,005,300	\$56,184,500	\$58,905,900	\$59,510,200
University of Tennessee, Knoxville	\$199,911,900	\$217,270,000	\$234,382,200	\$247,059,300	\$247,566,300
University of Tennessee, Martin	\$29,922,900	\$32,495,400	\$34,698,100	\$35,748,200	\$34,665,400
UT - University Total	\$275,670,100	\$300,770,700	\$325,264,800	\$341,713,400	\$341,741,900
University Total	\$640,994,200	\$698,311,700	\$754,302,700	\$794,958,300	\$796,506,800
TN Colleges of Applied Technology	\$60,790,600	\$66,857,600	\$71,579,600	\$75,727,400	\$75,622,700
Total Academic Formula Units	\$934,566,100	\$1,019,933,400	\$1,097,586,900	\$1,162,299,500	\$1,168,222,200

Source: THEC Fiscal Policy

Note: Appropriations to the community college sector are awarded as a lump sum to the TBR system. The amounts here are actual distribution to individual campuses as reported by TBR.

Table 3.9

State Appropriations for Tennessee Public Higher Education Specialized Units and Programs 2016-17 through 2020-21					
Institution	2016-17	2017-18	2018-19	2019-20	2020-21
Medical Education	\$196,615,000	\$209,464,800	\$221,078,500	\$227,554,000	\$229,581,300
ETSU College of Medicine	\$31,268,700	\$33,094,900	\$34,470,700	\$35,543,300	\$36,717,300
ETSU Family Practice	\$6,687,600	\$7,160,800	\$7,526,300	\$7,816,500	\$7,835,800
UT College of Veterinary Medicine	\$18,124,700	\$19,710,800	\$21,398,400	\$22,192,700	\$22,280,200
UT Health Science Center	\$140,534,000	\$149,498,300	\$157,683,100	\$162,001,500	\$162,748,000
Research and Public Service	\$89,045,500	\$94,229,200	\$98,506,000	\$102,503,800	\$102,786,400
UT Ag. Experiment Station	\$27,625,600	\$29,048,400	\$30,435,300	\$31,092,900	\$31,160,800
UT Ag. Extension Service	\$33,831,200	\$35,590,500	\$37,509,700	\$38,276,100	\$38,428,800
TSU McMinnville Center	\$594,500	\$608,200	\$619,400	\$1,429,200	\$1,429,900
TSU Institute of Ag. & Environmental Research	\$3,456,300	\$3,541,700	\$3,613,700	\$4,771,800	\$4,771,600
TSU Cooperative Education	\$3,318,500	\$3,510,100	\$3,610,200	\$3,703,500	\$3,705,200
TSU McIntire-Stennis Forestry Research	\$189,400	\$193,300	\$196,200	\$198,900	\$198,900
UT Space Institute	\$8,490,500	\$8,900,500	\$9,129,100	\$9,290,800	\$9,301,200
UT Institute for Public Service	\$6,145,600	\$6,465,100	\$6,684,800	\$6,823,000	\$6,837,800
UT County Technical Assistance Service	\$2,236,600	\$2,962,700	\$3,103,800	\$3,203,900	\$3,221,000
UT Municipal Technical Advisory Service	\$3,157,300	\$3,408,700	\$3,603,800	\$3,713,700	\$3,731,200
Other Specialized Units	\$100,286,200	\$111,885,500	\$124,859,100	\$138,661,000	\$142,873,600
UT University-Wide Administration	\$5,202,100	\$5,537,800	\$5,939,000	\$6,032,100	\$6,064,200
TN Board of Regents Administration	\$5,720,200	\$6,483,500	\$8,196,600	\$8,444,700	\$12,775,800
TN Student Assistance Corporation	\$83,568,600	\$93,536,000	\$103,703,900	\$116,177,100	\$116,195,200
TN Higher Education Commission	\$3,619,300	\$4,495,700	\$5,187,100	\$5,757,200	\$5,588,000
Contract Education	\$2,176,000	\$1,832,500	\$1,832,500	\$2,249,900	\$2,249,900
Program Initiatives	\$46,776,900	\$48,130,400	\$53,244,800	\$53,919,300	\$53,936,600
Campus Centers of Excellence	\$17,133,600	\$17,685,600	\$18,063,100	\$18,363,900	\$18,379,300
Campus Centers of Emphasis	\$1,236,600	\$1,288,100	\$1,314,400	\$1,338,100	\$1,340,000
Ned McWherter Scholars	\$711,800	\$1,211,800	\$1,211,800	\$1,211,800	\$1,211,800
UT Access & Diversity	\$5,806,700	\$5,806,700	\$5,806,700	\$5,806,700	\$5,806,700
TBR Access & Diversity	\$10,256,900	\$10,256,900	\$10,256,900	\$10,256,900	\$10,256,900
THEC Grants	\$5,778,400	\$6,028,400	\$10,739,000	\$11,089,000	\$11,089,000
Research Initiative	\$5,852,900	\$5,852,900	\$5,852,900	\$5,852,900	\$5,852,900
Total Specialized Units & Programs	\$432,723,600	\$463,709,900	\$497,688,400	\$522,638,100	\$529,177,900
Total Higher Education Operating *	\$1,367,289,700	\$1,483,643,300	\$1,595,275,300	\$1,684,937,600	\$1,697,400,100

Source: THEC Fiscal Policy

Note: *Includes Formula Units

Table 3.10

Revenue per FTE Historical Analysis Academic Years 2010-11 through 2020-21						
Academic Year	State Appropriations ¹	ARRA/MoE	Tuition & Fees ¹	FTE	Total Revenue per FTE	Student Share
10 Year Percent Change (Community Colleges)	27.1%	-	-17.7%	-19.2%	13.0%	-9.8%
2010-11	\$232,874,600	\$57,227,300	\$344,531,500	62,973	\$10,078	54.3%
2011-12	\$236,048,200	\$0	\$354,804,600	61,343	\$9,632	60.0%
2012-13	\$239,217,600	\$0	\$345,871,600	58,656	\$9,975	59.1%
2013-14	\$250,318,700	\$0	\$333,398,900	56,392	\$10,351	57.1%
2014-15	\$239,635,100	\$0	\$326,952,600	54,192	\$10,455	57.7%
2015-16	\$247,524,900	\$0	\$325,852,300	57,269	\$10,012	56.8%
2016-17	\$259,847,400	\$0	\$319,864,500	56,505	\$10,259	55.2%
2017-18	\$274,667,000	\$0	\$319,975,300	57,355	\$10,368	53.8%
2018-19	\$285,238,100	\$0	\$330,319,600	58,713	\$10,484	53.7%
2019-20	\$297,456,500	\$0	\$315,670,100	58,207	\$10,533	51.5%
2020-21 ²	\$295,870,000	\$0	\$283,659,900	50,871	\$11,392	48.9%
10 Year Percent Change (Universities)	27.8%	-	16.8%	-4.5%	11.9%	9.3%
2010-11	\$626,351,900	\$239,079,100	\$1,249,535,100	117,310	\$18,029	59.1%
2011-12	\$633,355,200	\$0	\$1,349,099,100	116,933	\$16,954	68.1%
2012-13	\$641,006,600	\$0	\$1,387,177,000	115,432	\$17,570	68.4%
2013-14	\$675,760,400	\$0	\$1,441,218,900	113,615	\$18,633	68.1%
2014-15	\$661,126,500	\$0	\$1,481,326,200	112,635	\$19,021	69.1%
2015-16	\$691,195,700	\$0	\$1,499,909,100	111,679	\$19,620	68.5%
2016-17	\$719,194,600	\$0	\$1,517,296,900	111,766	\$20,010	67.8%
2017-18	\$763,105,800	\$0	\$1,520,025,000	111,792	\$20,423	66.6%
2018-19	\$775,504,400	\$0	\$1,516,336,500	111,587	\$20,539	66.2%
2019-20	\$818,060,700	\$0	\$1,518,463,300	112,105	\$20,842	65.0%
2020-21 ²	\$800,305,700	\$0	\$1,459,951,700	112,051	\$20,172	64.6%

Source: THEC Fiscal Policy

Notes:

1. All State Appropriations and Tuition & Fees amounts include both recurring and nonrecurring funds and are presented in 2020 Inflation Adjusted Dollars using the Higher Education Price Index (HEPI).
2. State Appropriations and Tuition & Fees reported for 2020-21 are from Revised Operating Budgets, while all other years are reported from Actual Operating Budgets.

Table 3.11

Revenue per Student Award Historical Analysis Academic Years 2009-10 through 2019-20						
Academic Year	State Appropriations ¹	ARRA/MoE	Tuition & Fees ¹	Total Awards ²	Total Revenue per Award	Student Share
10 Year Percent Change (Universities)	21.8%	-	32.9%	22.9%	-5.6%	14.5%
2009-10	\$671,814,800	\$199,468,000	\$1,142,931,300	25,300	\$79,613	56.7%
2010-11	\$626,351,900	\$239,079,100	\$1,249,535,100	26,638	\$79,397	59.1%
2011-12	\$633,355,200	\$0	\$1,349,099,100	27,339	\$72,514	68.1%
2012-13	\$641,006,600	\$0	\$1,387,177,000	28,275	\$71,731	68.4%
2013-14	\$675,760,400	\$0	\$1,441,218,900	28,200	\$75,070	68.1%
2014-15	\$661,126,500	\$0	\$1,481,326,200	27,897	\$76,799	69.1%
2015-16	\$691,195,700	\$0	\$1,499,909,100	28,921	\$75,762	68.5%
2016-17	\$719,194,600	\$0	\$1,517,296,900	29,907	\$74,782	67.8%
2017-18	\$763,105,800	\$0	\$1,520,025,000	29,967	\$76,188	66.6%
2018-19	\$775,504,400	\$0	\$1,516,336,500	29,737	\$77,070	66.2%
2019-20	\$818,060,700	\$0	\$1,518,463,300	31,100	\$75,129	65.0%

Source: THEC Fiscal Policy

Notes:

1. All State Appropriations and Tuition & Fees amounts are presented in 2020 Inflation Adjusted Dollars.
2. Awards include long-term certificates, associate, bachelor's, master's, and doctoral degrees granted at universities. Awards do not include short-term certificates, post-baccalaureate certificates, UT Health Science Center degrees, or ETSU first professional degrees.

Figure 3.6
Revenue per FTE, Public Universities
2010-11 through 2020-21

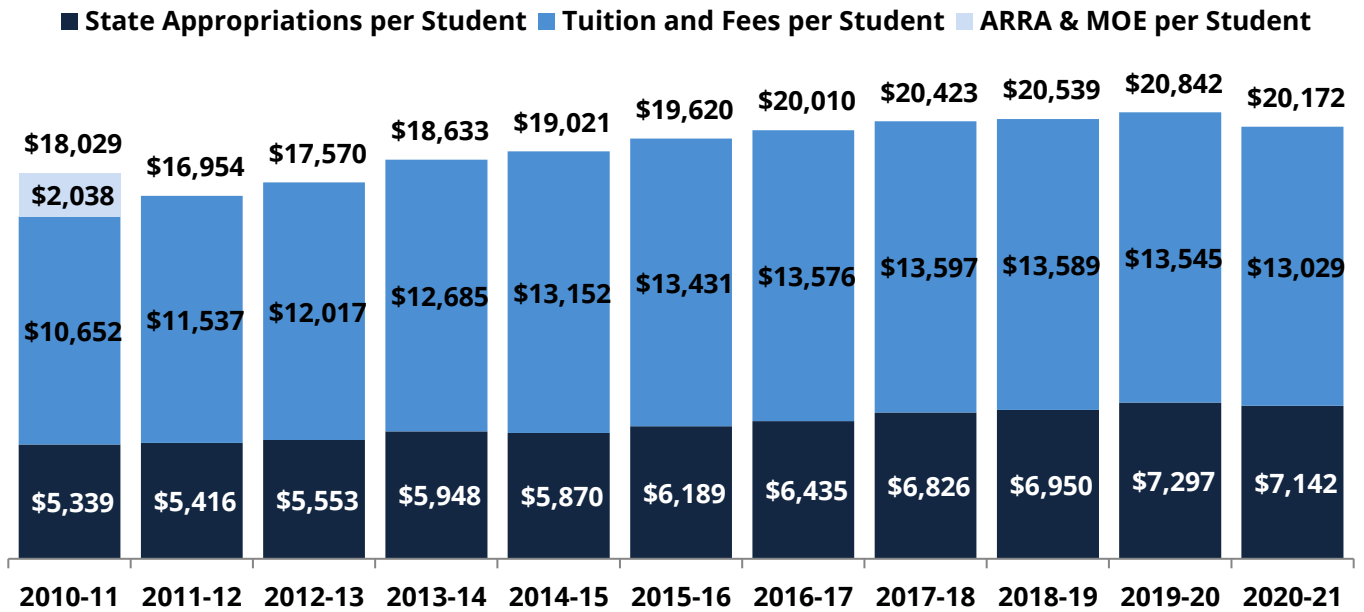
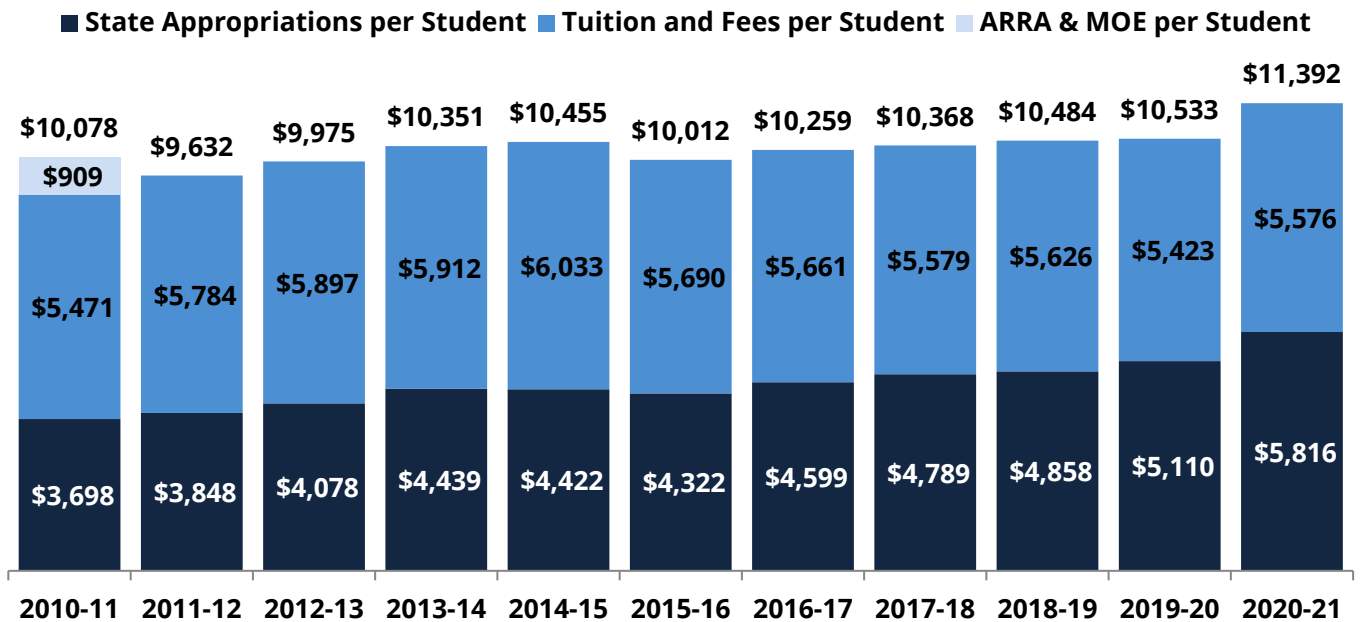


Figure 3.7
Revenue per FTE, Community Colleges
2010-11 through 2020-21



Source: THEC Fiscal Policy

Note: State Appropriations and Tuition & Fees are Inflation Adjusted to 2020 Dollars using the Higher Education Price Index (HEPI).

Table 3.12

Average Debt for Tennessee Graduates in the Class of 2019				
	Average Debt	National Rank	% with Debt	National Rank
State Average	\$27,525	21	60%	40
2018 - 2019 Public University Undergraduate Debt				
Institution	Average Debt of Graduates¹	Percent of Graduates with Debt¹	Total Cost of Attendance¹	% of Pell Grant Recipients²
Locally Governed Institutions				
Austin Peay State University	\$25,938	68%	\$24,946	51%
East Tennessee State University*	\$27,866	54%	\$24,068	41%
Middle Tennessee State University	\$24,936	59%	\$22,964	40%
Tennessee State University*	\$35,214	87%	\$22,998	59%
Tennessee Technological University**	\$22,018	55%	\$26,131	36%
University of Memphis	\$30,931	87%	\$25,423	46%
University of Tennessee				
University of Tennessee, Chattanooga	\$23,059	56%	\$23,614	34%
University of Tennessee, Knoxville	\$27,060	50%	\$31,510	26%
University of Tennessee, Martin	\$24,096	62%	\$21,246	42%

Source:

1. The Institute for College Access & Success (TICAS) "Project on Student Debt" Integrated Postsecondary Education Data System (IPEDS)
2. U.S. Department of Education College Scorecard

Notes:

* Debt data were not reported for 2018-19, 2017-18, or 2016-17. Data reported here reflect 2015-16.

** Debt data were not reported for 2018-19 or 2017-18. Data reported here reflect 2016-17.

Notes: Average debt includes four-year public and private non-profit institutions; Rankings are from 1 (lowest debt) to 50 (highest debt); Cost of Attendance reflects tuition and fees, cost of books and supplies, living expenses (room and board), transportation, and miscellaneous personal expenses for a student living on campus.

Table 3.13

Three-Year Cohort Default Rates for Schools Participating in Title IV Student Financial Assistance Programs 2015 - 2017									
Institution Name	Cohort Year 2015			Cohort Year 2016			Cohort Year 2017		
	Number of Borrowers in Default	Number of Borrowers in Repay	Default Rate	Number of Borrowers in Default	Number of Borrowers in Repay	Default Rate	Number of Borrowers in Default	Number of Borrowers in Repay	Default Rate
TBR Community Colleges									
Chattanooga State Community College	639	3,197	20.0%	555	2,725	20.4%	433	2,376	18.2%
Cleveland State Community College	173	840	20.6%	143	733	19.5%	136	639	21.3%
Columbia State Community College	141	848	16.6%	154	848	18.2%	114	714	16.0%
Dyersburg State Community College	102	571	17.9%	72	427	16.9%	55	388	14.2%
Jackson State Community College*	-	-	-	-	-	-	-	-	-
Motlow State Community College	49	373	13.1%	26	299	8.7%	9	150	6.0%
Nashville State Community College	487	2,465	19.8%	464	2,459	18.9%	377	2,055	18.3%
Northeast State Community College	52	464	11.2%	25	255	9.8%	10	132	7.6%
Pellissippi State Community College	251	1,772	14.2%	152	1,326	11.5%	138	1,122	12.3%
Roane State Community College	150	961	15.6%	127	866	14.7%	123	741	16.6%
Southwest Tennessee Community College*	-	-	-	-	-	-	-	-	-
Volunteer State Community College	184	1,332	13.8%	186	1,260	14.8%	168	1,064	15.8%
Walters State Community College	24	279	8.6%	13	159	8.2%	8	86	9.3%
Locally Governed Institutions									
Austin Peay State University	335	3,166	10.6%	378	3,048	12.4%	356	3,023	11.8%
East Tennessee State University	362	3,774	9.6%	333	3,457	9.6%	331	3,322	10.0%
Middle Tennessee State University	595	6,186	9.6%	624	6,056	10.3%	536	5,506	9.7%
Tennessee State University	421	3,112	13.5%	424	2,970	14.3%	366	2,567	14.3%
Tennessee Technological University	103	2,194	4.7%	114	2,261	5.0%	104	2,128	4.9%
University of Memphis	590	5,695	10.4%	616	5,551	11.1%	648	5,673	11.4%
UT Universities									
University of Tennessee, Chattanooga	172	2,650	6.5%	185	2,596	7.1%	180	2,628	6.8%
University of Tennessee, Knoxville	803	16,963	4.7%	793	16,844	4.7%	248	5,737	4.3%
University of Tennessee, Martin	188	1,842	10.2%	151	1,781	8.5%	147	1,694	8.7%

Source: U.S. Department of Education "Official Cohort Default Rates for Schools."

Notes:

* Data reported as missing because the totals include 10 or fewer borrowers

A school is subject to loss of eligibility to participate in the Federal Family Education Loan (FFEL) Program, William D. Ford Federal Direct Loan (Direct Loan) Program, and/or Federal Pell Grant (Pell Grant) Program if FY 2017, FY 2016, and FY 2015, official cohort default rates are 30.0% or greater. If a school fails to successfully appeal this sanction, it will lose eligibility to participate in the FFEL, Direct Loan, and/or Federal Pell Grant Program. There are several exceptions to these criteria and schools that meet exemption conditions are not subject to this sanction. For more information on the sanction or the exemptions, please refer to the Cohort Default Rate Guide: <http://ifap.ed.gov/DefaultManagement/finalcdrg.html>

Section IV:

Quality Assurance Funding

2019-2020



Quality Assurance Funding 2015-20 Cycle

Tennessee was a pioneer in developing quality-based funding for higher education institutions and has become a model for states seeking to promote high standards and continuous improvement. Quality Assurance Funding (QAF) incentivizes meritorious performance and assesses the progress of student learning at public community colleges and universities.

Quality Assurance Funding was implemented in 1979 to promote academic excellence and incentivize institutional improvement. Success on the quality standards allows institutions to earn up to 5.45 percent over their annual operating budgets and requires institutions to build institutional effectiveness operations that hold them in good standing with institutional and specialized accreditors. The standards include program evaluation and accreditation results, licensure rates, general education and academic major assessment scores, and completion rates among target student populations.

QAF is divided into seven standards, which include qualitative and quantitative measures:

- General Education Assessment
- Academic Major Assessment (e.g., licensure)
- Academic Programs (e.g., accredited programs)
- Institutional Satisfaction Study (e.g., surveys of students, faculty, alumni)
- Adult Learner Success
- Tennessee Job Market Graduate Placement
- Student Access and Success

Table 4.1

Quality Assurance Funding: Average Point Recommendations, 2019-20				
Standard	University		Community College	
	Maximum Points	Average	Maximum Points	Average
I. Student Learning and Engagement	75	66.6	75	69
General Education Assessment	15	14.4	15	15
Academic Major Assessment	15	12.7	15	13.6
Academic Programs	25	21.8	15	12.5
Institutional Satisfaction Study	10	9.1	10	9
Adult Learner Success	10	8.6	10	8.9
TN Job Market Graduate Placement	N/A	-	10	10
II. Student Access and Success	25	19.6	25	18.3
TOTAL	100	86.2	100	87.3

Source: THEC, Academic Affairs, Quality Assurance Funding Report, 2019-20. For more information about the Quality Assurance Funding program, please visit: <https://www.tn.gov/the/bureaus/academic-affairs-and-student-success/academic-programs/quality-assurance-funding.html>

Table 4.2

Institution Points by Standard and Dollars Recommended, 2019-20									
Institution	General Education Assessment	Academic Major Assessment	Academic Programs	Institutional Satisfaction	Adult Learner Success	TN Job Placement	Student Access & Success	Total	QAF THEC Recommendation*
Points Possible	15	15	15	10	10	10	25	100	-
Chattanooga State Community College	15	13	13	9	10	10	24	94	\$ 1,609,700
Cleveland State Community College	15	13	13	8	9	10	15	83	\$ 535,600
Columbia State Community College	15	15	12	9	9	10	23	93	\$ 896,300
Dyersburg State Community College	15	15	15	9	10	10	25	99	\$ 566,200
Jackson State Community College	15	14	12	9	10	10	12	82	\$ 661,300
Motlow State Community College	15	13	11	10	10	10	22	91	\$ 1,016,500
Nashville State Community College	15	15	13	10	7	10	7	77	\$ 902,000
Northeast State Community College	15	14	12	10	8	10	25	94	\$ 1,145,500
Pellissippi State Community College	15	14	12	10	9	10	15	85	\$ 1,579,700
Roane State Community College	15	15	12	9	9	10	25	95	\$ 1,214,600
Southwest Tennessee Community College	15	10	12	5	10	10	17	79	\$ 1,215,300
Volunteer State Community College	15	13	13	10	9	10	24	94	\$ 1,411,500
Walters State Community College	15	13	12	9	6	10	4	69	\$ 925,500
Community College Average	15.0	13.6	12.5	9.0	8.9	10.0	18.3	87.3	\$ 1,052,285
Community College Total									\$ 13,679,700
Points Possible	15	15	25	10	10	NA	25	100	-
Austin Peay State University	14	14	19	10	10	NA	22	89	\$ 2,455,900
East Tennessee State University	15	13	20	7	8	NA	24	87	\$ 3,108,700
Middle Tennessee State University	15	12	21	10	7	NA	22	87	\$ 4,417,500
Tennessee State University	14	11	20	8	8	NA	13	75	\$ 1,544,200
Tennessee Technological University	14	14	24	10	9	NA	21	92	\$ 2,665,300
University of Memphis	14	11	24	10	8	NA	16	83	\$ 4,901,900
University of Tennessee, Chattanooga	15	12	21	10	10	NA	20	88	\$ 2,645,300
University of Tennessee, Knoxville	14	14	25	9	7	NA	23	92	\$ 9,414,100
University of Tennessee, Martin	15	13	22	8	10	NA	15	83	\$ 1,445,700
University Average	14.4	12.7	21.8	9.1	8.6	NA	19.6	86.2	\$ 3,622,067
University Total									\$ 32,598,600

Source: THEC Quality Assurance Funding Report, 2019-20 and THEC Budget Recommendation for Fiscal Year 2022.

Note: QAF THEC Budget Recommendation is the Quality Assurance Funding portion of the \$1.2 billion for the overall THEC Budget Recommendation for all formula units, including Tennessee Colleges of Applied Technology.

General Education Assessment

The General Education assessment is used to measure the performance of program completers on a standardized test of general education. Institutions are required to assess all undergraduate students who apply for graduation, with few exceptions. Institutions may sample students but are required to submit a sampling proposal to THEC.

Institutions' outcomes are compared to the national average for comparable institutions (e.g., if Austin Peay State University selects an exam, their average will be compared with the average for other Master's level institutions on the same exam). In the 2015-20 QAF cycle, THEC requires institutions to use either the California Critical Thinking and Skills Test (CCTS) or the ETS Proficiency Profile.

Table 4.3

General Education Assessments and Outcomes by Institution						
Institution	2017-18		2018-19		2019-20	
	Assessment	Ratio	Assessment	Ratio	Assessment	Ratio
Chattanooga State Community College	CCTS	100%	CCTS	100%	CCTS	100%
Cleveland State Community College	ETS	100%	ETS	100%	ETS	100%
Columbia State Community College	ETS	100%	ETS	100%	ETS	100%
Dyersburg State Community College	ETS	100%	ETS	100%	ETS	100%
Jackson State Community College	ETS	100%	ETS	100%	ETS	100%
Motlow State Community College	ETS	100%	ETS	100%	ETS	100%
Nashville State Community College	CCTS	100%	CCTS	100%	CCTS	100%
Northeast State Community College	ETS	100%	ETS	100%	ETS	100%
Pellissippi State Community College	ETS	100%	ETS	100%	ETS	100%
Roane State Community College	ETS	100%	ETS	100%	ETS	100%
Southwest TN Community College	ETS	98%	ETS	99%	ETS	100%
Volunteer State Community College	ETS	100%	ETS	100%	ETS	100%
Walters State Community College	ETS	100%	ETS	100%	ETS	100%
Austin Peay State University	CCTS	100%	CCTS	100%	CCTS	100%
East Tennessee State University	CCTS	100%	CCTS	100%	CCTS	100%
Middle Tennessee State University	CCTS	99%	CCTS	100%	CCTS	100%
Tennessee State University	ETS	98%	ETS	98%	ETS	99%
Tennessee Technological University	CCTS	100%	CCTS	100%	CCTS	100%
University of Memphis	ETS	99%	ETS	99%	ETS	99%
University of Tennessee, Chattanooga	ETS	100%	ETS	100%	ETS	100%
University of Tennessee, Knoxville	CCTS	100%	CCTS	100%	CCTS	100%
University of Tennessee, Martin	ETS	100%	ETS	100%	ETS	100%

Sources: THEC Quality Assurance Funding Reports for 2017-18 through 2019-20.

Note: Ratio represents the division of the institutional average on the assessment by its national peer-group average.

Academic Major Assessment

The Academic Major Assessment indicator is used to evaluate the performance of graduates in major field programs. Academic programs that do not have licensure exams are required to assess students in the major field at least once throughout the 2015-20 cycle. Institutions can use an assessment from THEC's approved list, or, in cases where there is no national assessment, institutions can develop local assessments. Academic programs culminating in a licensure exam are evaluated annually. The Major Field Assessment standard of QAF only applies to undergraduate programs.

Table 4.4

Licensure Exam Pass Rates for Community Colleges for First-time Test Takers							
Institution	Test	QAF Cycle 2018-19			QAF Cycle 2019-20		
		Number Taken	Number Passed	Percent Passed	Number Taken	Number Passed	Percent Passed
CHSCC	Dental Hygiene	16	16	100.0%	16	16	100.0%
	Health Information Management	*	*	81.8%	*	*	66.7%
	Physical Therapist Assistant	24	20	83.3%	22	22	100.0%
	Veterinary Technology	16	14	87.5%	17	15	88.2%
	Radiologic Technology	29	29	100.0%	26	26	100.0%
	Respiratory Care	16	16	100.0%	16	16	100.0%
	Nursing	132	129	97.7%	118	115	97.5%
CLSCC	Paramedic	-	-	-	*	*	100.0%
	Medical Assisting	-	-	-	13	10	76.9%
	Nursing	74	68	91.9%	16	15	93.8%
COSCC	Veterinary Technology	20	15	75.0%	15	12	80.0%
	Radiologic Technology	21	21	100.0%	24	21	87.5%
	Respiratory Care	16	13	81.3%	11	10	90.9%
	Nursing	74	72	97.3%	79	79	100.0%
DSCC	Health Information Technology	*	*	75.0%	*	*	50.0%
	Nursing	100	94	94.0%	97	92	94.8%
JSCC	Occupational Therapy Assistant	11	10	90.9%	11	10	90.9%
	Physical Therapist Assistant	22	18	81.8%	23	19	82.6%
	Radiologic Technology	21	21	100.0%	22	22	100.0%
	Nursing	81	80	98.8%	71	70	98.6%
MSCC	Paramedic	*	*	100.0%	*	*	100.0%
	Nursing	71	67	94.4%	61	56	91.8%
NASCC	Nursing	26	24	92.3%	29	29	100.0%
	Occupational Therapy Assistant	27	27	100.0%	27	23	85.2%
NESCC	Paramedic	*	*	77.8%	*	*	100.0%
	Medical Laboratory Technology	14	10	71.4%	11	11	100.0%
	Nursing	53	46	86.8%	56	51	91.1%
PSCC	Nursing	82	78	95.1%	69	68	98.6%
RSCC	Dental Hygiene	11	11	100.0%	11	11	100.0%
	Health Information Technology	15	11	73.3%	20	17	85.0%
	Occupational Therapy Assistant	22	21	95.5%	23	22	95.7%
	Physical Therapist Assistant	19	17	89.5%	19	19	100.0%
	Radiologic Technology	33	31	93.9%	28	28	100.0%
	Respiratory Therapy	11	11	100.0%	11	10	90.9%
	Surgical Technology	*	*	100.0%	*	*	85.7%
	Nursing	70	65	92.9%	85	75	88.2%
	Opticianry	18	16	88.9%	15	15	100.0%
STCC	Physical Therapist Assistant	18	15	83.3%	19	13	68.4%
	Radiologic Technology	19	13	68.4%	*	*	50.0%
	Medical Laboratory Technology	12	10	83.3%	*	*	72.7%
	Nursing	70	56	80.0%	60	55	91.7%
VSCC	Health Information Technology	14	12	85.7%	*	*	55.6%
	Physical Therapist Assistant	34	31	91.2%	32	31	96.9%
	Veterinary Technology	*	*	25.0%	29	18	62.1%
	Radiologic Technology	24	22	91.7%	28	23	82.1%
	Respiratory Care	13	13	100.0%	13	12	92.3%
	Ophthalmic Technician	*	*	90.0%	*	*	44.4%
WSCC	Emergency Medical Services	*	*	100.0%	*	*	100.0%
	Health Information Management	*	*	100.0%	*	*	75.0%
	Physical Therapist Assistant	17	14	82.4%	22	19	86.4%
	Respiratory Care	15	13	86.7%	*	*	75.0%
	Surgical Technology	*	*	50.0%	*	*	50.0%
	Nursing	106	96	92.0%	122	112	90.60%

Source: THEC Quality Assurance Funding Report for 2018-19 and 2019-20

Table 4.5

Licensure Exam Pass Rates for Public Universities for First-Time Test Takers							
Institution	Test	QAF Cycle 2018-19			QAF Cycle 2019-20		
		Number Taken	Number Passed	Percent Passed	Number Taken	Number Passed	Percent Passed
APSU	Education	55	52	94.5%	49	49	100.0%
	Medical Lab Science	61	35	57.4%	51	41	80.4%
	Nursing (BSN)	98	95	96.9%	81	81	100.0%
ETSU	Education	71	71	100.0%	84	82	97.6%
	Dental Hygiene	24	22	91.7%	22	21	95.5%
	Cardiopulmonary Science	17	10	58.8%	*	*	50.0%
	Radiologic Science	32	32	100.0%	30	30	100.0%
	Nursing (BSN)	246	222	90.2%	264	206	78.0%
MTSU	Education	158	155	98.1%	156	147	94.2%
	Nursing (BSN)	91	85	93.4%	75	68	90.7%
TSU	Education	22	22	100.0%	19	19	100.0%
	Cardiorespiratory Care	*	*	44.4%	*	*	77.8%
	Engineering	*	*	50.0%	*	*	20.0%
	Nursing (AAS)	38	35	92.1%	*	*	80.0%
	Nursing (BSN)	--	--	--	22	19	86.4%
	Dental Hygiene	20	16	80.0%	*	*	54.5%
TTU	Education	219	217	99.1%	193	192	99.5%
	Engineering	95	70	73.7%	79	55	69.6%
	Nursing (BSN)	115	114	99.1%	126	121	96.0%
UM	Education	46	41	89.1%	128	110	85.9%
	Engineering	83	47	56.6%	53	33	62.3%
	Nursing (BSN)	258	227	88.0%	256	225	87.9%
UTC	Education	130	124	95.4%	103	97	94.2%
	Engineering	57	35	61.4%	40	22	55.0%
	Nursing (BSN)	78	77	98.7%	67	67	100.0%
UTK	Education	147	145	98.6%	157	153	97.5%
	Engineering	121	95	78.5%	92	81	88.0%
	Nursing (BSN)	141	137	97.2%	179	175	97.8%
UTM	Education	112	112	100.0%	117	115	98.3%
	Engineering	20	18	90.0%	15	10	66.7%
	Nursing (BSN)	39	39	100.0%	32	31	96.9%
UTHSC*	Dental Hygiene (exam)	25	23	92.0%	29	29	100.0%
	Medical Lab Science	15	15	100.0%	12	12	100.0%
	Nursing (BSN)	62	61	98.4%	108	105	97.2%

Sources: 2018-19 and 2019-20 Quality Assurance Funding Reports, LGIs, UT

Note: This captures all assessments included in QAF for all institutions except for UT Health Science Center. Pass rates are reflective of first attempt and are not the ultimate cohort pass rates.

*Licensure exam pass rates for UTHSC's programs reported in previous Fact Books may have reflected the ultimate pass rate rather than first-time pass rate. The statistics presented in Table 4.5 above reflect first-time pass rates.

Table 4.6

Licensure Exam Pass Rates for Public Universities for First-Time Test Takers							
Institution	Test	QAF Cycle 2018-19			QAF Cycle 2019-20		
		Number Taken	Number Passed	Percent Passed	Number Taken	Number Passed	Percent Passed
APSU	Nursing (MSN)	34	26	76.5%	29	25	86.2%
ETSU	Audiology	*	*	100.0%	12	12	100.0%
	Medical (Step I)	68	67	98.5%	60	59	98.3%
	Medical (II Clinical)	68	66	97.1%	60	58	96.7%
	Medical (II Skills)	68	66	97.1%	60	53	88.3%
	Nursing (MSN)*	88	76	86.4%	-	-	-
	Nursing (DNP)*	14	14	100.0%	-	-	-
	Pharmacy	73	63	86.3%	70	63	90.0%
	Physical Therapy	35	30	85.7%	40	40	100.0%
	Speech Language Pathology	32	32	100.0%	33	33	100.0%
MTSU	Nursing (MSN)	44	35	79.5%	32	32	100.0%
TSU	Nursing (MSN)	47	47	100.0%	15	15	100.0%
	Occupational Therapy	29	21	72.4%	28	26	92.9%
	Physical Therapy	33	25	75.8%	31	26	83.9%
	Speech and Hearing Science	20	19	95.0%	45	45	100.0%
TTU	Nursing (MSN)	33	28	84.8%	29	27	93.1%
UM	Audiology	*	*	100%	13	12	92%
	Nursing (MSN)	97	81	83.5%	269	225	83.6%
	Speech Language Pathology	22	22	100.0%	19	19	100.0%
	Law	102	92	90.2%	81	65	80.2%
UTC	Nursing (MSN)	40	39	97.5%	45	43	95.6%
	Occupational Therapy	21	21	100.0%	19	19	100.0%
	Physical Therapy	36	36	100.0%	35	35	100.0%
UTK	Accounting	95	67	70.5%	105	82	78.1%
	Law	102	77	75.5%	106	93	87.7%
	Nursing (MSN)	59	56	94.9%	53	52	98.1%
	Veterinary Medicine	82	76	92.7%	83	80	96.4%
UTHSC**	Audiology (AUD)	13	13	100.0%	15	13	86.7%
	Dental Science (DDS)	91	89	97.8%	97	92	94.8%
	Medical (Step I)	167	156	93.4%	163	156	95.7%
	Medical (II Clinical)	154	151	98.1%	167	164	98.2%
	Medical (II Skills)	154	151	98.1%	167	161	96.4%
	Nursing (DNP)	-	-	-	68	67	98.5%
	Occupational Therapy	36	30	83.3%	37	33	89.2%
	Pharmacy	154	148	96.1%	181	170	93.9%
	Physical Therapy	52	50	96.2%	59	52	88.1%
	Physician Assistant	25	25	100.0%	29	26	89.7%
	Speech Language Pathology	44	44	100.0%	41	41	100.0%

Source: UT & LGI Universities

Notes: Graduate program licensure rates presented here are for reporting purposes only and are not considered in QAF calculations. Licensure rate data in this table may be based on calendar year reporting rather than academic year. Bar Exam passage rates reflect the number of students who took and passed the Tennessee Bar Exam during that calendar year (February & July Bar Exam). Graduate law or health programs that do not have graduates sitting for licensure are excluded.

*Licensure exam pass rate data for ETSU's graduate nursing programs in QAF Cycle 2019-20 were not available at the time of this report.

**Licensure exam pass rates for UTHSC's graduate programs reported in previous Fact Books may have reflected the ultimate pass rate rather than first-time pass rate. The statistics presented in Table 4.6 above reflect first-time pass rates.

Academic Programs: Accreditation and Evaluation

The Academic Programs indicator incentivizes institutions to achieve and maintain program excellence and accreditation. In the case of accreditable programs, institutions are evaluated on the percentage of eligible programs that are accredited or actively seeking accreditation. Programs for which there is no appropriate accrediting agency can undergo one of two processes: Program Review – a review conducted by a qualified out-of-state external reviewer or Academic Audit – a faculty-driven review and structured process on the improvement in teaching and learning to enhance student success.

Table 4.7

Program Accreditation Status Academic Year 2019-20				
Institution	Number of Accredited Programs	Number of Programs Seeking Accreditation	Total Accreditable Programs	Percent Accredited
TBR Community Colleges				
Chattanooga State Community College	24	3	27	100.0%
Cleveland State Community College	11	0	11	100.0%
Columbia State Community College	9	0	9	100.0%
Dyersburg State Community College	6	0	6	100.0%
Jackson State Community College	9	0	9	100.0%
Motlow State Community College	6	1	7	100.0%
Nashville State Community College	11	3	14	100.0%
Northeast State Community College	17	0	17	100.0%
Pellissippi State Community College	12	0	12	100.0%
Roane State Community College	18	4	22	100.0%
Southwest Tennessee Community College	20	1	21	100.0%
Volunteer State Community College	13	2	15	100.0%
Walters State Community College	15	1	16	100.0%
Community College Total	171	15	186	100.0%
Locally Governed Institutions				
Austin Peay State University	19	10	31	90.5%
East Tennessee State University	60	3	64	98.4%
Middle Tennessee State University	62	8	70	100.0%
Tennessee State University	42	0	42	100.0%
Tennessee Technological University	34	2	36	100.0%
University of Memphis	71	3	74	100.0%
LGI Total	288	26	314	100.0%
UT Universities				
University of Tennessee, Chattanooga	45	2	47	100.0%
University of Tennessee, Knoxville	67	3	70	100.0%
University of Tennessee, Martin	22	1	23	100.0%
UT University Total	134	6	140	100.0%
University Total	422	32	454	100.0%
Grand Total	593	47	640	100.0%

Source: 2019-20 Quality Assurance Reports

Note: Percent Accredited is calculated by dividing the number of accredited programs by the total accreditable programs less the total programs seeking accreditation. The number of programs seeking accreditation reflects programs which are making timely progress toward accreditation.

Institutional Satisfaction Study

The Institutional Satisfaction standard is designed for institutions to improve the quality of their undergraduate programs as evaluated by various institutional stakeholders. For the Institutional Satisfaction element of QAF in previous years, survey data were leveraged in the determination of QAF points. Previous years within the 2015-20 QAF cycles considered data from the Community College Survey of Student Engagement (CCSSE), the National Survey of Student Engagement (NSSE), the Survey of Entering Students Engagement (SENSE), the Alumni Attitude Survey (developed by the Performance Enhancement Group, or PEG), and the Faculty Survey of Student Engagement (FSSE).

Academic Year 2019-20 marked the end of the 2015-20 QAF Cycle. Unlike in prior years, QAF points for this standard were awarded based on institutional analysis and planning from the previous four years of survey data generated by the standard.

Adult Learner Success

A major objective of the 2015-25 Master Plan, Postsecondary Attainment in the Decade of Decision, and Tennessee Reconnect initiatives is to engage adult learners. The QAF implemented the Adult Learner Success standard to focus on the unique experiences of and challenges facing adult students. This component directs institutions to enhance the quality of adult student services to increase the enrollment, retention, and completion of adults. The standard also evaluates institutions' success in improving adult learners' completion rates (as compared to a three-year rolling average at the institution).

Table 4.8

Adult Learner Completions						
Institution	2015-16	2016-17	2017-18	Benchmark	2018-19	% Attained
TBR Community Colleges						
Chattanooga State Community College	788	681	665	711	683	96%
Cleveland State Community College	413	360	387	387	337	87%
Columbia State Community College	398	308	277	328	283	86%
Dyersburg State Community College	173	221	243	212	262	100%
Jackson State Community College	269	248	258	258	245	95%
Motlow State Community College	283	243	268	265	268	100%
Nashville State Community College	1,081	1,002	736	940	683	73%
Northeast State Community College	620	721	592	644	521	81%
Pellissippi State Community College	1,090	882	949	974	891	92%
Roane State Community College	486	397	468	450	407	90%
Southwest Tennessee Community College	659	809	708	725	693	96%
Volunteer State Community College	656	642	579	626	564	90%
Walters State Community College	713	688	606	669	400	60%
Community College Total	7,629	7,202	6,736	7,189	6,237	87%
Locally Governed Institutions						
Austin Peay State University	913	912	913	913	867	95%
East Tennessee State University	871	789	740	800	724	91%
Middle Tennessee State University	1,561	1,509	1,394	1,488	1,284	86%
Tennessee State University	504	552	532	529	482	91%
Tennessee Technological University	505	438	458	467	423	91%
University of Memphis	1,340	1,344	1,245	1,310	1,094	84%
LGI Total	5,694	5,544	5,282	5,507	4,874	89%
UT Universities						
University of Tennessee, Chattanooga	477	459	480	472	460	97%
University of Tennessee, Knoxville	686	635	574	632	588	93%
University of Tennessee, Martin	321	331	257	303	314	100%
UT University Total	1,484	1,425	1,311	1,407	1,362	97%
University Total	7,178	6,969	6,593	6,913	6,236	90%
Grand Total	14,807	14,171	13,329	14,102	12,473	88%

Source: THEC Quality Assurance Funding Report for 2019-20

Note: Institutions with a Percent Attained value exceeding 100% indicate that the institution outpaced their benchmark for Adult Learner completions in 2018-19.

Tennessee Job Market Graduate Placement

The Job Market Graduate Placement standard promotes continuous improvement in job placement among community college graduates. In previous cycles, community colleges surveyed graduates in order to determine placement rates; however, the P20 Connect data system allows THEC to complete a statewide job placement analysis that is uniform across all community colleges.

Using data from P20 Connect, the standard tracks the employment of graduates, inclusive of all certificate and associate degree programs, over four fiscal quarters (one year) following graduation. A placement rate is calculated by dividing the total number of graduates working full-time in any of the four quarters by the total number of graduates engaged in the Tennessee Job Market. The Tennessee Job Market includes graduates employed full-time and those approved for unemployment insurance.

Table 4.9

Job Placement Rates Community College Graduates Academic Years 2010-11 through 2017-18			
Academic Year	Total Placeable	Total Placed	Percent Placed
2010 - 2011	3,544	3,356	95%
2011 - 2012	3,819	3,655	96%
2012 - 2013	3,837	3,681	96%
2013 - 2014	3,954	3,842	97%
2014 - 2015	3,652	3,558	97%
2015 - 2016	3,964	3,868	98%
2016 - 2017	4,118	4,043	98%
2017 - 2018	3,998	3,946	99%

Table 4.10

Job Placement Rates by Institution 2017- 2018 Community College Graduates			
Institution	Total Placeable	Total Placed	Percent Placed
Chattanooga State Community College	455	451	99%
Cleveland State Community College	241	234	97%
Columbia State Community College	240	238	99%
Dyersburg State Community College	143	141	99%
Jackson State Community College	184	184	100%
Motlow State Community College	162	162	100%
Nashville State Community College	273	269	99%
Northeast State Community College	447	442	99%
Pellissippi State Community College	367	356	97%
Roane State Community College	372	369	99%
Southwest Tennessee Community College	320	316	99%
Volunteer State Community College	383	379	99%
Walters State Community College	411	405	99%
Grand Total	3,998	3,946	99%

Source: THEC Academic Affairs, Tennessee Job Market Graduate Data

Notes:

- **Total Placeable** is defined as the number of graduates working full-time plus those approved for unemployment insurance because they are seeking work.
- **Total Placed** is defined as the number of graduates working full-time with no unemployment insurance claims in the four quarters after graduation.

Student Access and Success: Focus Populations

The Student Access and Success standard incentivizes institutions to improve outcomes for focus populations that are important to the institutions' mission or historically underserved in higher education. Institutions select student populations and work to improve the quality of services provided to these student groups and their success is measured by an increase in the focus populations' completion rates (as compared to a three-year rolling average at the institution). Unless otherwise noted, the standard focuses only on the undergraduate student population.

Section V:

Outcomes Funding Formula

2019-2020



Outcomes-Based Funding Formula

The Complete College Tennessee Act of 2010 outlined that public higher education institutions (community colleges and universities) are to be funded based on outcomes rather than enrollment. To produce a fair and equitable distribution of public funds, THEC convened a statutorily defined Formula Review Committee (FRC) to assist in designing a formula that would fund institutions using outcome metrics, balancing institutional priorities and missions with state goals and student success.

The metrics in the outcomes-based funding formula are weighted to align with institutional priorities and mission. The formula includes premiums for focus populations—for low-income (ever Pell-eligible), adult (age 25 and older), and, in the case of community colleges, academically underprepared students (below a 19 Composite, Math, or Reading, or an 18 on the Writing section)—and applies those premiums to student progression and undergraduate awards to encourage completion for these groups. Population premiums are graduated and elevated, such that meeting one focus population is associated with an 80 percent premium; two populations with a 100 percent premium, and, for three in the community college sector, a 120 percent premium.

In this formula, universities and community colleges compete for a share of all available state appropriations each year. They do this through improvement in their own outcomes and through outcome improvement relative to all other institutions. For example, if all institutions experienced net improvement in outcomes, institutions that experienced the *greatest* improvements would increase their share of total funding compared to institutions that lagged their greater level of performance. Outcomes-based funding models encourage institutions to strategically and significantly increase their outcomes, while providing the state a way to reward increased productivity in degrees, workforce development, research, job placements, and more.

After its first five years of operation, the formula was modified for the 2015-20 cycle with feedback from the FRC, institutional leaders, and state policymakers. This version of the model is currently undergoing a five-year review for implementation through 2025. For more information on the funding formula, please visit the [2015-2020 Outcomes-Based Funding Formula webpage](#).

The funding formula webpage provides informational resources as well as the data used in the model. Data and formula models are available for the most current year and two years prior. Additional resources include data definitions, a webinar demonstrating how the funding formula works, and additional detailed information on the funding formula. The funding formula webpage also hosts two forms of analysis. The first is the Components Analysis, which identifies how much money was garnered or lost by outcome category by institution. The other analysis tool is the Dynamic Model, which allows the user to develop different scenarios of outcomes performance to identify how allocations could shift in the future.

This section of the Fact Book provides the reader with an analysis of how funds were allocated through the most recent fiscal year, 2019-20. The pages that follow provide the definition of the outcomes used in the 2015-20 Funding Formula model, institution weights, the share of appropriations by institution since the start of the funding formula in 2011-12, and the global parts analysis, which examines the impact of individual outcome changes on state appropriations over the life of the Outcomes-Based Funding Formula.

Table 5.1

THEC Outcomes Funding Formula Definitions	
Outcome	Definition
University and Community College Outcomes	
<i>Student Progression</i>	The number of students reaching 30, 60, or 90 credit hours at a University (12, 24, or 36 at a Community College) during an academic year.
<i>Degrees and Awards per 100 FTE</i>	The combined total of associate and bachelor's degrees (associate degrees and long-term certificates for community colleges) conferred in an academic year for every 100 undergraduate degree-seeking FTE.
University Outcomes	
<i>Bachelor's and Associate Degrees</i>	The total number of bachelor's and associate degrees conferred in an academic year.
<i>Master's and Ed. Specialist Degrees</i>	The total number of master's and education specialist degrees conferred in an academic year.
<i>Doctoral and Law Degrees</i>	The total number of doctoral and law degrees conferred in an academic year, not including MD or PharmD degrees.
<i>Research, Service, & Sponsored Programs</i>	The total of expenditures on activities eligible for indirect cost allocation, primarily externally-generated funding for research, service, or instruction.
<i>Six-Year Graduation Rate</i>	The six-year graduation rate of first-time, full-time freshmen who began in the summer or fall semester and were awarded a bachelor's or associate degree. The term includes a trailing summer. Students who transfer out of state to an NSC-participating institution are included.
Community College Outcomes	
<i>Associate Degrees</i>	The total number of associate degrees conferred in an academic year.
<i>Dual Enrollment</i>	The number (unduplicated headcount) of high school students taking degree-credit courses in an academic year.
<i>1 to 2 Year Certificates (Long-Term Certificates)</i>	The total number of certificates, requiring 24 or more credit hours, conferred during an academic year. General education certificates are excluded from this metric.
<i>Less than 1 Year Certificates (Short-Term Certificates)</i>	The total number of technical certificates (C1 in Academic Program Inventory), requiring fewer than 24 credit hours, conferred during an academic year.
<i>Job Placements</i>	The number of placeable graduates who obtain employment in a related field over the course of a full academic year within Tennessee.
<i>Transfers Out</i>	The number of students who, after accumulating 12 credit hours, transferred to any in-state public (and some private) institution.
<i>Workforce Training</i>	The total number of technical training contact hours in an academic year. These activities (50-minute minimum) provide technical or soft skills without carrying institutional credit toward a degree, diploma, or certificate.

Table 5.2

Outcomes Formula Weights for Universities 2021-22 Based on Institutional Missions										
Universities	UTM	APSU	TTU	UTC	MTSU	ETSU	TSU	UM	UTK	
Students Accumulating 30 hrs	4.0%	3.0%	4.0%	4.0%	3.0%	6.0%	4.0%	3.0%	2.0%	
Students Accumulating 60 hrs	6.0%	4.5%	6.0%	6.0%	4.5%	7.5%	6.0%	4.5%	4.0%	
Students Accumulating 90 hrs	10.0%	7.5%	10.0%	10.0%	7.5%	9.0%	10.0%	7.5%	6.5%	
Progression	20.0%	15.0%	20.0%	20.0%	15.0%	22.5%	20.0%	15.0%	12.5%	
Bachelors and Associates	30.0%	27.5%	25.0%	25.0%	22.5%	20.0%	22.5%	22.5%	20.0%	
Masters / Ed Specialist Degrees	15.0%	20.0%	15.0%	10.0%	20.0%	15.0%	12.5%	10.0%	10.0%	
Doctoral / Law Degrees	0.0%	0.0%	5.0%	5.0%	7.5%	15.0%	7.5%	15.0%	12.5%	
Research, Service, & Sponsored Programs	5.0%	10.0%	10.0%	10.0%	10.0%	10.0%	15.0%	10.0%	12.5%	
Degrees per 100 FTE	10.0%	17.5%	10.0%	15.0%	10.0%	7.5%	12.5%	10.0%	17.5%	
Six-Year Graduation Rate	20.0%	10.0%	15.0%	15.0%	15.0%	10.0%	10.0%	17.5%	15.0%	
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	

Source: THEC Fiscal Policy

Table 5.3

Outcomes Formula Weights for Community Colleges 2021-22 Based on Institutional Missions													
Community Colleges	CHSCC	CLSCC	COSCC	DSCC	JSCC	MSCC	NASCC	NESCC	PSCC	RSCC	STCC	VSCC	WSCC
Students Accumulating 12 hrs	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Students Accumulating 24 hrs	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
Students Accumulating 36 hrs	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
Progression	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
Dual Enrollment	5.0%	5.0%	7.5%	10.0%	7.5%	7.5%	15.0%	10.0%	10.0%	15.0%	7.5%	5.0%	10.0%
Associates	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%
Certificates 1-2 Years (Long-Term)	10.0%	2.5%	17.5%	10.0%	10.0%	0.0%	10.0%	12.5%	0.0%	10.0%	2.5%	5.0%	2.5%
Certificates Less than 1 Year (Short-Term)	10.0%	17.5%	2.5%	10.0%	10.0%	20.0%	10.0%	7.5%	20.0%	10.0%	17.5%	15.0%	17.5%
Total Certificates	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
Job Placements	15.0%	15.0%	5.0%	12.5%	15.0%	7.5%	7.5%	15.0%	7.5%	5.0%	5.0%	7.5%	7.5%
Transfers Out with 12 hrs	10.0%	5.0%	15.0%	10.0%	5.0%	12.5%	10.0%	5.0%	15.0%	10.0%	12.5%	15.0%	15.0%
Workforce Training (Contact Hours)	7.5%	12.5%	10.0%	5.0%	10.0%	10.0%	5.0%	7.5%	5.0%	7.5%	12.5%	10.0%	5.0%
Awards per 100 FTE	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Source: THEC Fiscal Policy

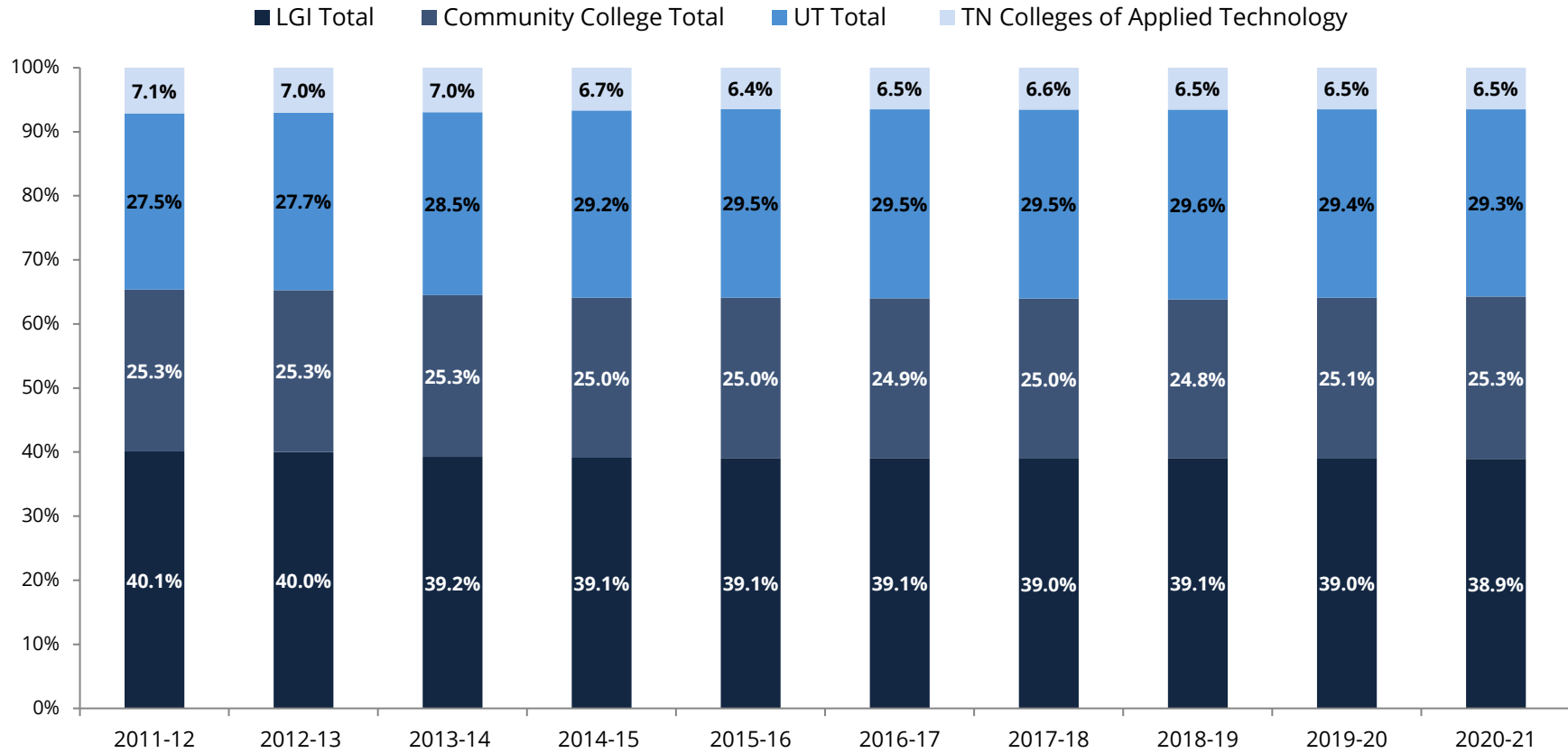
Table 5.4

At the sector level, the University of Tennessee System has received the largest increase in its total share of appropriations since the funding formula began in 2011-12. Since the start of the 2015-20 Model (beginning with the 2016-17 funding year), Tennessee Technological University has experienced the largest increase in the university sector. In the community college sector since the start of the 2015-2020 formula, Volunteer State and Motlow State have notably increased their share of state appropriations.

Share of State Appropriations 2011-12 to 2020-21										
Academic Formula Units	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
TBR Community Colleges										
CHSCC	2.7%	2.9%	3.2%	3.1%	3.1%	3.1%	3.1%	2.9%	2.9%	2.8%
CLSCC	1.2%	1.1%	1.1%	1.1%	1.1%	1.0%	1.1%	1.0%	1.1%	1.0%
COSCC	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.4%	1.4%	1.5%
DSCC	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%
JSCC	1.4%	1.4%	1.4%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%
MSCC	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.4%	1.5%	1.7%
NASCC	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	2.0%	2.0%	2.0%	1.9%
NESCC	1.6%	1.7%	1.7%	1.6%	1.7%	1.7%	1.8%	1.8%	1.8%	2.0%
PSCC	2.6%	2.7%	2.8%	2.8%	2.9%	2.9%	3.0%	3.0%	3.0%	3.0%
RSCC	2.0%	2.0%	2.0%	2.1%	2.1%	2.0%	2.1%	2.1%	2.1%	2.1%
STCC	3.9%	3.6%	3.1%	3.0%	2.9%	2.8%	2.7%	2.6%	2.6%	2.6%
VSCC	2.1%	2.0%	1.9%	2.0%	2.0%	2.0%	2.0%	2.1%	2.3%	2.4%
WSCC	2.2%	2.2%	2.4%	2.5%	2.4%	2.3%	2.3%	2.2%	2.2%	2.2%
Community College Total	25.3%	25.3%	25.3%	25.0%	25.0%	24.9%	25.0%	24.8%	25.1%	25.3%
Locally Governed Institutions										
APSU	3.6%	3.7%	4.0%	4.1%	4.2%	4.3%	4.4%	4.4%	4.3%	4.4%
ETSU	6.0%	6.0%	5.9%	5.8%	5.9%	5.9%	6.0%	6.0%	6.1%	6.1%
MTSU	10.0%	10.1%	9.8%	10.0%	9.8%	9.7%	9.5%	9.4%	9.2%	9.1%
TSU	4.0%	4.0%	3.9%	3.9%	3.8%	3.6%	3.6%	3.6%	3.6%	3.5%
TTU	4.8%	4.9%	4.8%	4.6%	4.5%	4.6%	4.6%	5.0%	5.1%	5.2%
UM	11.7%	11.4%	10.8%	10.8%	10.9%	11.0%	10.9%	10.7%	10.6%	10.6%
LGI Total	40.1%	40.0%	39.2%	39.1%	39.1%	39.1%	39.0%	39.1%	39.0%	38.9%
UT Universities										
UTC	4.5%	4.5%	4.4%	4.5%	4.8%	4.9%	5.0%	5.1%	5.1%	5.1%
UTK	19.7%	20.0%	21.1%	21.6%	21.5%	21.4%	21.3%	21.4%	21.3%	21.2%
UTM	3.2%	3.2%	3.1%	3.2%	3.2%	3.2%	3.2%	3.2%	3.1%	3.0%
UT Total	27.5%	27.7%	28.5%	29.2%	29.5%	29.5%	29.5%	29.6%	29.4%	29.3%
Total Colleges and Universities	92.9%	93.0%	93.0%	93.3%	93.6%	93.5%	93.4%	93.5%	93.5%	93.5%
Colleges of Applied Technology	7.1%	7.0%	7.0%	6.7%	6.4%	6.5%	6.6%	6.5%	6.5%	6.5%
Total Academic Formula Units	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: THEC Fiscal Policy

Figure 5.1
Share of State Appropriations by Sector
2011-12 through 2020-21



Source: THEC Fiscal Policy

Note: Refer to the [Outcomes Based Funding Formula webpage](#) for more information.

Global Parts Analysis

The global parts analysis examines the impact of individual outcome changes on state appropriations since 2011-12—the life of the Outcomes-Based Funding Formula. The starting point for the analysis is established by holding an institutions' data (both outcomes and other formula components) the same as it was in the formula from the previous year. The analysis then adds new data, one outcome at a time, and calculates the resulting state appropriation impact. Performance on each outcome is summed to determine overall performance over the lifetime of the formula.

In the university sector, bachelor's and associate degrees have garnered almost \$33 million for the university sector while the largest decline, roughly \$5 million, was observed in the 2018-19 fiscal year due to changes in research and service. This outcome has since rebounded. At the community colleges, increases in associate degrees generated over \$20 million for the sector. Consistent across all years, the largest declines in the community college sector are associated with the progression metrics of 12, 24, and 36 credit hours.

Figure 5.2
Global Parts Analysis: University Sector

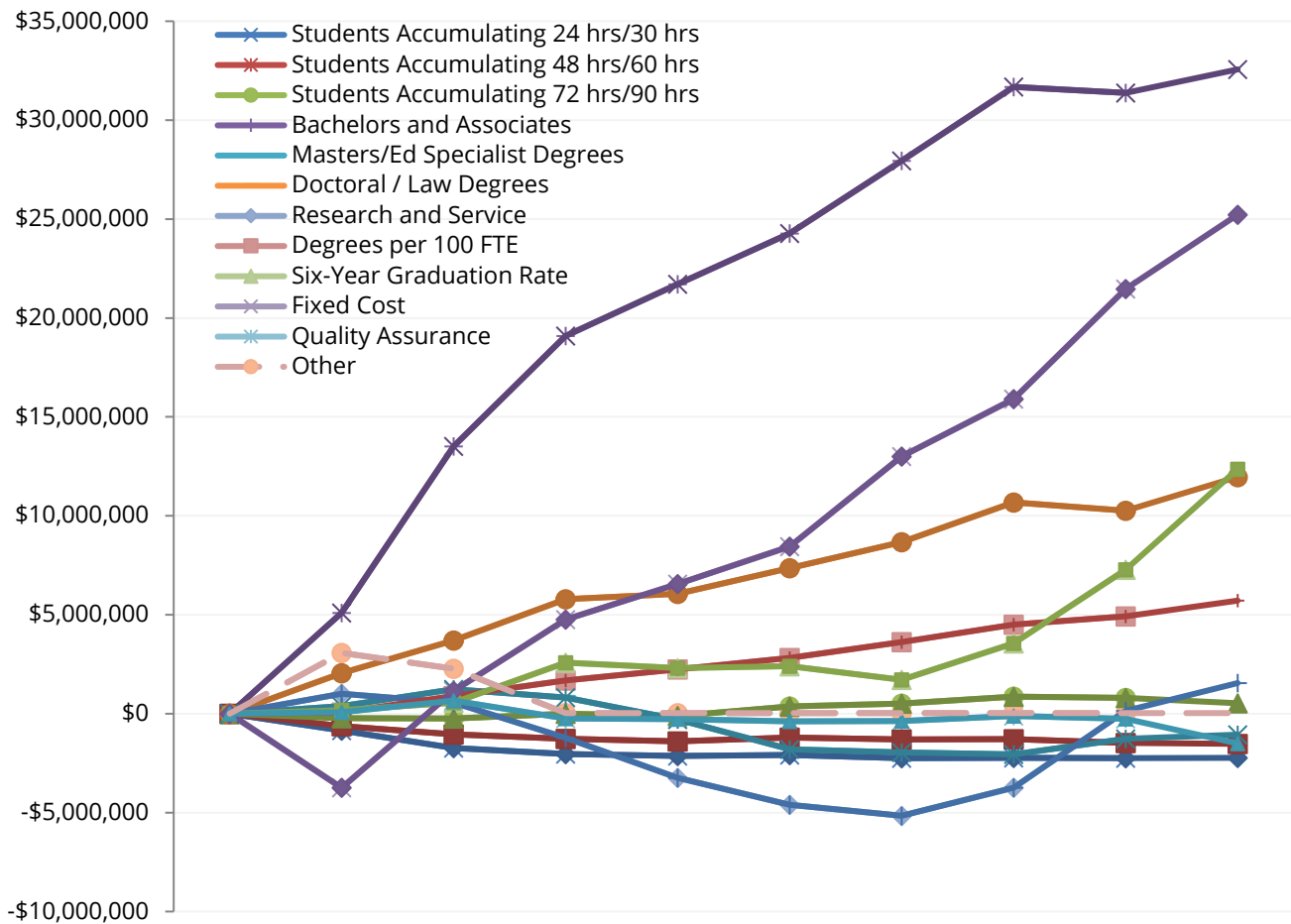
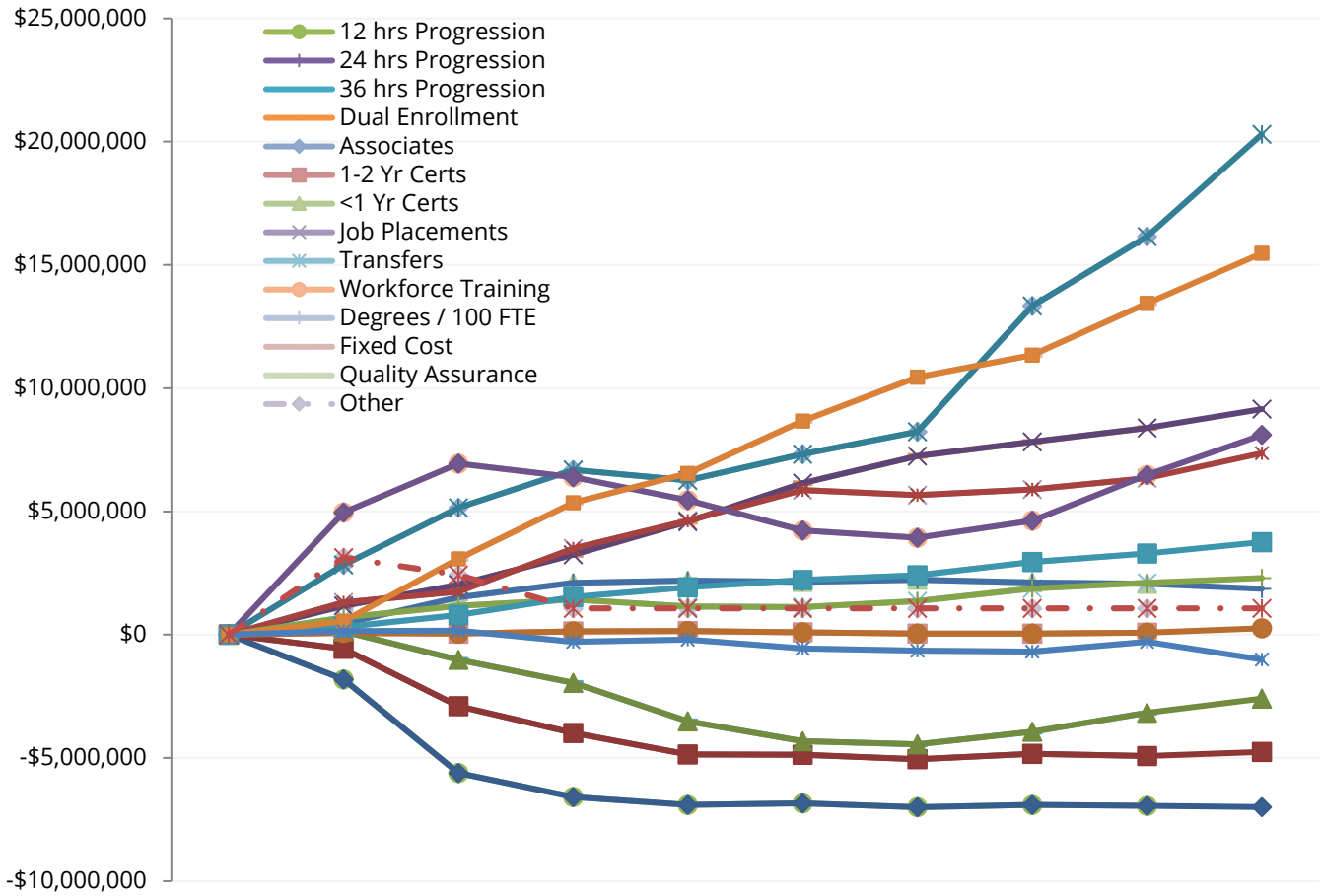


Figure 5.3
Global Parts Analysis: Community College Sector



Appendix:

Additional Resources

and Glossary



Additional Higher Education Resources

Click on the links below to learn more.

[Academic Supply and Occupational Demand in Tennessee](#)

[Articulation and Transfer Report](#)

[Authorized Institutions and Data](#)

[Chairs of Excellence Annual Report](#)

[County Profiles](#)

[Land Grant Report](#)

[Master Plan for Tennessee Postsecondary Education, 2015 – 2025](#)

[Master Plan Update \(2020\)](#)

[Outcomes-Based Funding Formula Resources](#)

[Southern Regional Education Board \(SREB\) Fact Book on Higher Education](#)

[Tennessee Education Lottery Scholarship Annual Report](#)

[Tennessee Promise Report](#)

[Tennessee Reconnect Report](#)

[THEC Quality Assurance Funding Resources](#)

[TICUA Characteristics: The Fact Book on Tennessee’s Independent Colleges and Universities](#)

Glossary

14th Day Enrollment: The date on which the first-degree credit headcount and full-time equivalent enrollment reports are generated for all Tennessee public institutions. Table 2.2 provides information about census date and end-of-term enrollment differences.

College-going Rate (CGR): The percentage of Tennessee public high school seniors matriculating to a higher education institution in the summer or fall semester immediately following high school graduation.

Co-Requisite Learning Support: The linking of Learning Support courses or experiences, with an appropriate college-level course that is required in the student's chosen field of study, so that the student is enrolled concurrently in both Learning Support and appropriate college-level courses that are applicable to the student's academic pathway.

Degree Credit: Credit that the institution designates as regular, occupational, certificate, extension, or co-op.

Formula Units: Academic entities that derive their operating funds from public higher education funding formulas. This includes public universities and community colleges—which are funded through the outcomes-based funding formula—and the colleges of applied technology—which are funded through the colleges of applied technology formula.

Full Time Equivalent (FTE) Enrollment: For undergraduate students, FTE is the total number of credits attempted divided by 15. For graduate students, FTE is the total number of credits attempted divided by 12. For students in clock hour courses, the FTE is the total number of clock hours divided by 900.

At the UT Health Science Center, UT Veterinary School, ETSU College of Medicine, and ETSU College of Pharmacy, the number of full-time students cannot be reliably calculated based on credit hours due to the high (and varying) number of credit hours taken by students in the health professions. Many programs are year-round and require clerkship and residency experiences. For these reasons, THEC replaces FTE with headcount in relevant tables and figures throughout this report.

Full-Time Student: An undergraduate student enrolled in 12 or more hours of degree credit per semester, or a graduate student enrolled in 9 or more hours of degree credit per semester.

Mandatory Fees: A required fee for all students, as opposed to a fee attached to a specific course.

Part-Time Student: An undergraduate student enrolled in fewer than 12 hours of degree credit per semester, or a graduate student enrolled in fewer than 9 hours of degree credit per semester.

SAILS (Seamless Alignment and Integrated Learning Support) Program: SAILS aligns high school Bridge Math with the TBR Learning Competencies allowing high school students who have not tested college ready in math gain a fourth-year math credit and complete all necessary Learning Support to begin postsecondary free of Learning Support requirements. SAILS is a competency-based curriculum delivered in a blended learning environment that integrates self-paced, computer-based instruction with licensed math teacher support.

Southern Regional Education Board (SREB): The nation's first interstate compact for higher education, the Atlanta-based SREB is a coalition of educators, government officials, and civic leaders interested in advancing knowledge and improving the social and economic life of the South.

Specialized Units: Academic and non-academic entities that derive their operating funds from public higher education funding formulas other than the outcomes-based formula or the colleges of applied technology formula. This includes all entities other than universities, community colleges, and colleges of applied technology. Examples are the UT Veterinary School, the UT Space Institute, and the TSU Institute of Agricultural and Environmental Research.

Institutional and System Abbreviations

System/Agency	Institution	Abbreviation
Tennessee Board of Regents	Chattanooga State Community College	TBR
	Cleveland State Community College	CHSCC
	Columbia State Community College	CLSCC
	Dyersburg State Community College	COSCC
	Jackson State Community College	DSCC
	Nashville State Community College	JSCC
	Northeast State Community College	NASCC
	Motlow State Community College	NESSC
	Pellissippi State Community College	MSCC
	Roane State Community College	PSCC
	Southwest Tennessee Community College	RSCC
	Volunteer State Community College	STCC
	Walters State Community College	VSCC
	Tennessee College of Applied Technology	WSCC
Locally Governed Institutions		TCAT
	Austin Peay State University	LGI
	East Tennessee State University	APSU
	Middle Tennessee State University	ETSU
	Tennessee State University	MTSU
	Tennessee Technological University	TSU
The University of Tennessee System	University of Memphis	TTU
		UM
	The University of Tennessee, Chattanooga	UT
	The University of Tennessee, Knoxville	UTC
	The University of Tennessee, Martin	UTK
TN Higher Education Commission	The University of Tennessee Health Science Center	UTM
		UTHSC
TN Independent Colleges & Universities Association		THEC
		TICUA

Note. For more information on these institutions, please visit the [Tennessee's Colleges and Universities](#) webpage.