

# JOINT STATE GOVERNMENT COMMISSION

General Assembly of the Commonwealth of Pennsylvania

## INSTRUCTIONAL OUTPUT AND FACULTY SALARY COSTS OF THE STATE-RELATED UNIVERSITIES

*Staff Analysis of 2023-24  
Data Reported Under the Public School Code of 1949*

February 2025



*Serving the General Assembly of the  
Commonwealth of Pennsylvania Since 1937*

**SNYDER REPORT**

*Instructional Output and Faculty Salary Costs  
of the State-Related Universities*

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The report is also available at <http://jsg.legis.state.pa.us>

## JOINT STATE GOVERNMENT COMMISSION

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The Joint State Government Commission was created in 1937 as the primary and central non-partisan, bicameral research, and policy development agency for the General Assembly of Pennsylvania.<sup>1</sup>

A fourteen-member Executive Committee comprised of the leadership of both the House of Representatives and the Senate oversees the Commission. The seven Executive Committee members from the House of Representatives are the Speaker, the Majority and Minority Leaders, the Majority and Minority Whips, and the Majority and Minority Caucus Chairs. The seven Executive Committee members from the Senate are the President Pro Tempore, the Majority and Minority Leaders, the Majority and Minority Whips, and the Majority and Minority Caucus Chairs. By statute, the Executive Committee selects a chairman of the Commission from among the members of the General Assembly. Historically, the Executive Committee has also selected a Vice-Chair or Treasurer, or both, for the Commission.

The studies conducted by the Commission are authorized by statute or by a simple or joint resolution. In general, the Commission has the power to conduct investigations, study issues, and gather information as directed by the General Assembly. The Commission provides in-depth research on a variety of topics, crafts recommendations to improve public policy and statutory law, and works closely with legislators and their staff.

A Commission study may involve the appointment of a legislative task force, composed of a specified number of legislators from the House of Representatives or the Senate, or both, as set forth in the enabling statute or resolution. In addition to following the progress of a particular study, the principal role of a task force is to determine whether to authorize the publication of any report resulting from the study and the introduction of any proposed legislation contained in the report. However, task force authorization does not necessarily reflect endorsement of all the findings and recommendations contained in a report.

Some studies involve an appointed advisory committee of professionals or interested parties from across the Commonwealth with expertise in a particular topic; others are managed exclusively by Commission staff with the informal involvement of representatives of those entities that can provide insight and information regarding the particular topic. When a study involves an advisory committee, the Commission seeks consensus among the members.<sup>2</sup> Although an advisory committee member may represent a particular department, agency, association, or group, such representation does not necessarily reflect the endorsement of the department, agency, association, or group of all the findings and recommendations contained in a study report.

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<sup>1</sup> Act of July 1, 1937 (P.L.2460, No.459); 46 P.S. §§ 65–69.

<sup>2</sup> Consensus does not necessarily reflect unanimity among the advisory committee members on each individual policy or legislative recommendation. At a minimum, it reflects the views of a substantial majority of the advisory committee, gained after lengthy review and discussion.

Over the years, nearly one thousand individuals from across the Commonwealth have served as members of the Commission's numerous advisory committees or have assisted the Commission with its studies. Members of advisory committees bring a wide range of knowledge and experience to deliberations involving a particular study. Individuals from countless backgrounds have contributed to the work of the Commission, such as attorneys, judges, professors and other educators, state and local officials, physicians and other health care professionals, business and community leaders, service providers, administrators and other professionals, law enforcement personnel, and concerned citizens. In addition, members of advisory committees donate their time to serve the public good; they are not compensated for their service as members. Consequently, the Commonwealth receives the financial benefit of such volunteerism, along with their shared expertise in developing statutory language and public policy recommendations to improve the law in Pennsylvania.

The Commission periodically reports its findings and recommendations, along with any proposed legislation, to the General Assembly. Certain studies have specific timelines for the publication of a report, as in the case of a discrete or timely topic; other studies, given their complex or considerable nature, are ongoing and involve the publication of periodic reports. Completion of a study, or a particular aspect of an ongoing study, generally results in the publication of a report setting forth background material, policy recommendations, and proposed legislation. However, the release of a report by the Commission does not necessarily reflect the endorsement by the members of the Executive Committee, or the Chair or Vice-Chair of the Commission, of all the findings, recommendations, or conclusions contained in the report. A report containing proposed legislation may also contain official comments, which may be used to construe or apply its provisions.<sup>3</sup>

Since its inception, the Commission has published over 450 reports on a sweeping range of topics, including administrative law and procedure; agriculture; athletics and sports; banks and banking; commerce and trade; the commercial code; crimes and offenses; decedents, estates, and fiduciaries; detectives and private police; domestic relations; education; elections; eminent domain; environmental resources; escheats; fish; forests, waters, and state parks; game; health and safety; historical sites and museums; insolvency and assignments; insurance; the judiciary and judicial procedure; labor; law and justice; the legislature; liquor; mechanics' liens; mental health; military affairs; mines and mining; municipalities; prisons and parole; procurement; state-licensed professions and occupations; public utilities; public welfare; real and personal property; state government; taxation and fiscal affairs; transportation; vehicles; and workers' compensation.

Following the completion of a report, subsequent action on the part of the Commission may be required, and, as necessary, the Commission will draft legislation and statutory amendments, update research, track legislation through the legislative process, attend hearings, and answer questions from legislators, legislative staff, interest groups, and constituents.

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<sup>3</sup>. 1 Pa.C.S. § 1939.



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February 2025

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To the Members of the General Assembly of Pennsylvania:

Pursuant to the Pennsylvania Public School Code of 1949, the Instructional Output and Faculty Salary Costs of the State-related Universities is an annual statistical comparison of full-time equivalent student levels, degrees conferred, and average workweek hours and instructional salary of faculty, as reported by the universities and compiled by our staff.

This is the fifty-second anniversary edition of the report.

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Sincerely,

Glenn J. Pasewicz  
Executive Director

Administrative Staff

**Glenn J. Pasewicz**  
Executive Director  
**Yvonne M. Hursh**  
Counsel



## *52<sup>nd</sup> Annual Report*

This report summarizes the instructional outputs, instructional faculty salary costs, tuition, and Commonwealth instructional appropriations for Pennsylvania's State-related universities. Act 50 of 2020 eliminated the requirement for the PASSHE universities to report their data to the Commission. Consequently, these annual reports will no longer include information from PASSHE universities.

The report is based primarily on data reported by Pennsylvania's public universities to the Pennsylvania General Assembly, as required by the Public-School Code. These data include student credit hours and degrees, and faculty salaries and workweek activities. The report includes instructional faculty salaries but does not include non-instructional faculty salaries. Therefore, average faculty salaries in the report cannot be compared to those reported in other places. In addition, since the university data do not include non-salary expenditures, the report does not summarize total instructional costs for the universities. Data on tuition and Commonwealth instructional appropriations supplement the university data.

Data for 2023-24 and data trends back to 2018-19 are presented. Readers are cautioned to use the current historical tables for prior years' data, as some previous data have been revised in these tables.

Student credit hour and salary data are combined for the computation of a measure of cost efficiency: instructional faculty salary cost per full time equivalent student. Tuition and instructional appropriation data are combined for the computation of a measure of cost sharing: the percentage of total instructional revenues covered by instructional appropriations.

This report is intended for use by a variety of persons or groups: by legislators for making appropriation decisions; by university administrators for evaluating policies related to faculty outputs, salaries and workloads; and by Pennsylvania citizens, for making informed judgments about the levels and shares of costs related to public higher education in the Commonwealth.





# STATE-RELATED UNIVERSITIES AND BRANCH CAMPUSES BY COUNTY

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## **Lincoln (Chester)**

### **Penn State University Park (Centre)**

#### Branch Campuses

Abington (Montgomery)

Altoona (Blair)

Beaver (Beaver)

Behrend College (Erie)

Berks (Berks)

Brandywine (Delaware)

DuBois (Clearfield)

Eberly (Fayette)

Great Valley (Chester)

Greater Allegheny (Allegheny)

Harrisburg (Dauphin)

Hazleton (Luzerne)

Lehigh Valley (Lehigh)

Mont Alto (Franklin)

New Kensington (Westmoreland)

Schuylkill (Schuylkill)

Shenango (Mercer)

Wilkes-Barre (Luzerne)

Worthington Scranton (Lackawanna)

York (York)

Dickinson School of Law (Cumberland)\*\*

Milton S. Hershey Medical Center (Dauphin)\*

Pennsylvania College of Technology (Lycoming)\*\*

## **Pittsburgh (Allegheny)\***

#### Branch Campuses

Bradford Campus (McKean)

Greensburg Campus (Westmoreland)

Johnstown Campus (Cambria)

Titusville Campus (Crawford)

## **Temple (Philadelphia)\***

#### Branch Campuses

Ambler Campus (Montgomery)

Harrisburg Center (Dauphin)

\* Medical School data not included in this report.

\*\* Not included in this report.



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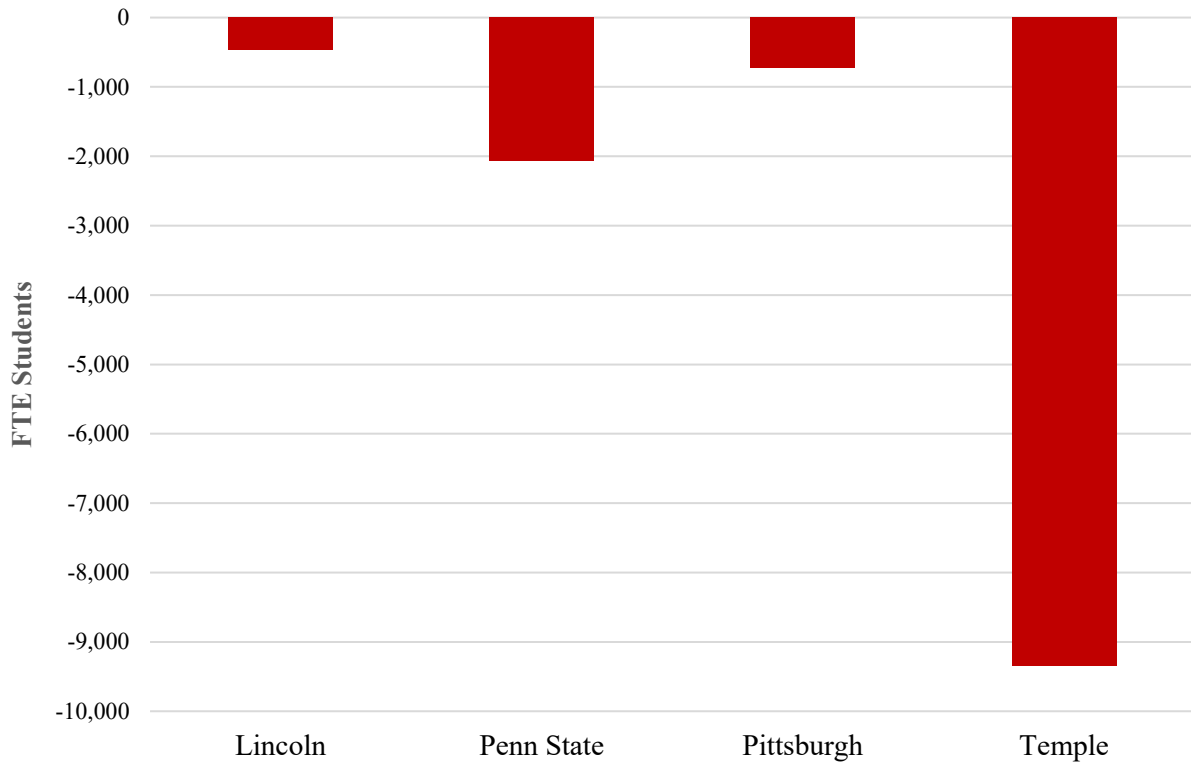
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**STATE-RELATED UNIVERSITIES  
FTE STUDENT ENROLLMENT CHANGES  
2018-2019 TO 2023-2024**

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*State-Related Universities*





## **CURRENT YEAR DATA TABLES**

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**TABLE 1**

**Full-Time Equivalent Students by Academic Level<sup>1</sup> 2023-24,  
Change From 2022-23 and Five-Year Average Annual Rate of Change  
2018-19 to 2023-24**

State-related University	Total				Undergraduate				Graduate <sup>2</sup>			
	FTE students	One-year change	Percent change		FTE students	One-year change	Percent change		FTE students	One-year change	Percent change	
			One-year	Five-year average			One- year	Five-year average			One-year	Five-year average
Lincoln	1,721	26	2%	-5%	1,603	5	a	-4%	118	21	21%	-10%
Penn State	86,464	478	1	a	75,384	347	a	-1	11,080	131	1	2
Pittsburgh	33,007	481	1	a	24,742	482	2%	-1	8,265	-2	a	a
Temple	28,064	-15,77	-5	-6	21,972	-1,623	-7	-6	6,092	46	1	-4
<b>Total</b>	<b>149,256</b>	<b>-592</b>	<b>a</b>	<b>-2</b>	<b>123,701</b>	<b>-788</b>	<b>-1</b>	<b>-2</b>	<b>25,555</b>	<b>196</b>	<b>1</b>	<b>a</b>

1. Data for each year represent the summer term preceding the academic year plus the academic year. Full-time equivalent students are calculated by dividing undergraduate student credit hours by 30 and graduate student credit hours by 24.

2. Graduate includes master's level at all universities, first professional and/or doctor's level (excluding medical school) at Penn State, Pittsburgh, & Temple.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2018 to 2024.



**TABLE 2**

**Full-Time Equivalent Students by Academic Division and Level<sup>1</sup> 2023-24,  
Change from 2022-23 and Five-Year Average Annual Rate of Change  
2018-19 to 2023-24**

State-related University	Lower Division			Upper Division			Master's			First Professional <sup>2</sup> & Doctor's		
	FTE Students	Percent change		FTE Students	Percent change		FTE students	Percent change		FTE students	Percent change	
		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average
Lincoln	1,190	a	-4%	413	1%	-3%	118	21%	-10%	--	--	--
Penn State	39,743	1%	-1	35,641	a	-1	6,064	a	3	5,016	3%	2%
Pittsburgh	15,333	1	-1	9,409	3	1	5,155	2	-1	3,110	-3	1
Temple	10,087	-10	-5	11,885	-4	-7	2,710	a	-7	3,382	1	a
<b>Total</b>	<b>66,352</b>	<b>-1</b>	<b>-1</b>	<b>57,349</b>	<b>a</b>	<b>-2</b>	<b>14,047</b>	<b>1</b>	<b>-1</b>	<b>11,508</b>	<b>1</b>	<b>1</b>

1. Data for each year represent the summer term preceding the academic year plus the academic year. Full-time equivalent students are calculated by dividing undergraduate student credit hours by 30 and graduate student credit hours by 24.

2. Excludes medical school data.

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2018 to 2024.

**TABLE 3-A**  
**Lincoln University**  
**Number and Percentage Distribution of Full-Time Equivalent Students<sup>1</sup>**  
**by Academic Division and Level and CIP Classification**  
**2023-24**

CIP Classification	Total	Percent of total	Undergraduate				Graduate	Percent of total
			Lower Division	Percent of total	Upper Division	Percent of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture & Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural, & Gender Studies	61	4%	59	5%	3	1%	--	--
Business	148	9	36	3	88	21	25	21%
Communications	78	5	36	3	42	10	--	--
Computer & Information Sciences	53	3	38	3	15	4	--	--
Education	73	4	3	a	--	--	70	59
Engineering	--	--	--	--	--	--	--	--
Foreign Languages, Literature, & Linguistics	48	3	46	4	2	a	--	--
Health Professions	133	8	94	8	39	9	--	--
Family & Consumer Sci/Human Sciences	--	--	--	--	--	--	--	--
Legal Professions & Studies	--	--	--	--	--	--	--	--
English Language	146	9	132	11	14	3	--	--
Lib. Arts & Sci., Gen. Studies, & Humanities	--	--	--	--	--	--	--	--
Library Science	--	--	--	--	--	--	--	--
Biological & Biomedical Sciences	111	7	98	8	13	3	--	--
Mathematics & Statistics	132	8	131	11	1	a	--	--
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Rec., Leisure, & Fitness Studies	--	--	--	--	--	--	--	--
Personal & Social Development	--	--	--	--	--	--	--	--
Philosophy & Religion/Theology	86	5	81	7	5	1	--	--
Physical Sciences	85	5	81	7	5	1	--	--
Psychology	117	7	66	6	51	12	1	1
Security & Protective/Public Admin. Services	153	9	64	5	66	16	23	19
Social Sciences & History	145	9	89	7	56	14	--	--
Trade & Industrial	--	--	--	--	--	--	--	--
Visual & Performing Arts	114	7	100	8	14	3	--	--
Other	--	--	37	3	--	--	--	--
<b>Total<sup>2</sup></b>	<b>1,683</b>	<b>100</b>	<b>1,190</b>	<b>100</b>	<b>413</b>	<b>100</b>	<b>118</b>	<b>100</b>

1. Data represent the summer term preceding the academic year plus the academic year. Full-time equivalent students are calculated by dividing undergraduate student credit hours by 30 and graduate student credit hours by 24.

2. Because of rounding, CIP details may not sum to the total.

a. Rounds to less than 1 percent.

SOURCE: Data provided by Lincoln University, 2024; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)"

<http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

**TABLE 3-B**  
**Pennsylvania State University**  
**Number and Percentage Distribution of Full-Time Equivalent Students<sup>1</sup>**  
**by Academic Division and Level and CIP Classification**  
**2023-24**

CIP Classification	Total	Percent of total	Undergraduate				Graduate	Percent of total
			Lower Division	Percent of total	Upper Division	Percent of total		
Agriculture	1,515	2%	734	2%	632	2%	150	1%
Architecture & Related Services	662	1	285	1	305	1	72	1
Area, Ethnic, Cultural, & Gender Studies	810	1	621	2	146	a	43	a
Business	10,511	12	2,033	5	6,449	18	2,029	18
Communications	4,294	5	2,627	7	1,554	4	113	1
Computer & Information Sciences	5,041	6	1,831	5	2,442	7	768	7
Education	2,141	2	269	1	1,192	3	680	6
Engineering	8,272	10	1,949	5	4,305	12	2,017	18
Foreign Language, Lit., & Linguistics	2,883	3	1,297	3	1,476	4	109	1
Health Professions	2,819	3	607	2	1,713	5	500	5
Family & Consumer Sci/Human Sciences	2,104	2	1,264	3	725	2	114	1
Legal Professions & Studies	1,113	1	--	--	--	--	1,113	10
English Language	3,846	4	3,123	8	652	2	71	1
Lib. Arts & Sci., Gen. Studies, & Hum.	119	a	56	a	63	a	--	--
Library Science	--	--	--	--	--	a	--	--
Biological & Biomedical Sciences	5,038	6	2,525	6	2,032	6	481	4
Mathematics & Statistics	7,886	9	5,131	13	2,399	7	355	3
Military Technologies	82	a	42	a	40	a	--	--
Multi/Interdisciplinary Studies	1,191	1	368	1	308	1	516	5
Parks, Rec., Leisure, & Fitness Studies	2,144	2	545	1	1,544	4	55	a
Personal & Social Development	12	a	9	a	2	a	--	--
Philosophy & Religion/Theology	895	1	704	2	153	a	37	a
Physical Sciences	6,634	8	4,529	11	1,452	4	653	6
Psychology	3,303	4	1,628	4	1,357	4	317	3
Security & Protective/Public Admin. Services	1,553	2	767	2	606	2	180	2
Social Sciences & History	7,603	9	4,377	11	2,658	7	568	5
Trade & Industrial	8	a	--	--	8	a	--	--
Visual & Performing Arts	3,985	5	2,420	6	1,425	4	140	1
Other	--	--	--	--	--	--	--	--
<b>Total<sup>2</sup></b>	<b>86,464</b>	<b>100</b>	<b>39,743</b>	<b>100</b>	<b>35,641</b>	<b>100</b>	<b>11,080</b>	<b>100</b>

1. Data represent the summer term preceding the academic year plus the academic year. Full-time equivalent students are calculated by dividing undergraduate student credit hours by 30 and graduate student credit hours by 24.

2. Because of rounding, CIP detail may not sum to total.

a. Rounds to less than 1 percent.

SOURCE: Data provided by Penn State University, 2024; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)"

<http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

**TABLE 3-C**  
**University of Pittsburgh**  
**Number and Percentage Distribution of Full-Time Equivalent Students<sup>1</sup>**  
**by Academic Division and Level and CIP Classification**  
**2023-24**

CIP Classification	Total	Percent of total	Undergraduate				Graduate	Percent of total
			Lower division	Percent of total	Upper division	Percent of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture & Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural, & Gender Studies	279	1%	205	1%	71	1%	3	a
Business	2,403	7	585	4	1,289	14	529	6%
Communications	--	--	--	--	--	--	--	--
Computer & Information Sciences	1,337	4	621	4	430	5	286	3
Education	909	3	157	1	385	4	368	4
Engineering	2,344	7	752	5	1,077	11	515	6
Foreign Languages, Literature, & Linguistics	1,491	5	995	6	441	5	55	1
Health Professions	5,526	17	565	4	803	9	4,157	50
Family & Consumer Sci/Human Sciences	--	--	--	--	--	--	--	--
Legal Professions & Studies	539	2	4	a	4	a	531	6
English Language	2,707	8	2,070	13	579	6	59	1
Lib. Arts & Sci., Gen. Studies, & Humanities	--	--	--	--	--	--	--	--
Library Science	110	a	2	a	6	a	102	1
Biological & Biomedical Sciences	1,771	5	961	6	778	8	33	a
Mathematics & Statistics	1,792	5	1,271	8	434	5	87	1
Military Technologies	10	a	4	a	5	a	--	--
Multi/Interdisciplinary Studies	1,982	6	833	5	670	7	479	6
Parks, Recreation, Leisure, & Fitness Studies	--	--	--	--	--	--	--	--
Personal & Social Development	--	--	--	--	--	--	--	--
Philosophy & Religion/Theology	502	2	316	2	163	2	24	a
Physical Sciences	2,547	8	2,082	14	317	3	147	2
Psychology	1,766	5	1,095	7	508	5	164	2
Security & Protective/Public Admin. Services	1,013	3	107	1	346	4	561	7
Social Sciences & History	2,882	9	1,885	12	866	9	131	2
Trade & Industrial	--	--	--	--	--	--	--	--
Visual & Performing Arts	1,098	3	821	5	240	3	36	a
Other	--	--	--	--	--	--	--	--
<b>Total<sup>2</sup></b>	<b>33,007</b>	<b>100</b>	<b>15,333</b>	<b>100</b>	<b>9,409</b>	<b>100</b>	<b>8,265</b>	<b>100</b>

1. Data represent the summer term preceding the academic year plus the academic year. Full-time equivalent students are calculated by dividing undergraduate student credit hours by 30 and graduate student credit hours by 24.

2. Because of rounding, CIP detail may not sum to total.

a. Rounds to less than 1 percent.

SOURCE: Data provided by University of Pittsburgh, 2024; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

**TABLE 3-D**  
**Temple University**  
**Number and Percentage Distribution of Full-Time Equivalent Students<sup>1</sup>**  
**by Academic Division and Level and CIP Classification**  
**2023-24**

CIP Classification	Total	Percent of total	Undergraduate				Graduate	Percent of total
			Lower division	Percent of total	Upper division	Percent of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture & Related Services	425	2%	173	2%	182	2%	69	1%
Area, Ethnic, Cultural, & Gender Studies	175	1	76	1	77	1	22	a
Business	4,212	15	1,304	13	2,254	19	655	11
Communications	1,933	7	688	7	1,152	10	93	2
Computer & Information Sciences	707	3	264	3	385	3	59	1
Education	1,206	4	370	4	462	4	373	6
Engineering	884	3	321	3	506	4	57	1
Foreign Languages, Literature, & Linguistics	665	2	303	3	340	3	22	a
Health Professions	3,782	13	329	3	784	7	2,669	44
Family & Consumer Sci/Human Sciences	--	--	--	--	--	--	--	--
Legal Professions & Studies	938	3	32	a	18	a	888	15
English Language	1,100	4	786	8	287	2	27	a
Lib. Arts & Sci., Gen. Studies, & Humanities	1,061	4	689	7	367	3	5	a
Library Science	--	--	--	--	--	--	--	--
Biological & Biomedical Sciences	791	3	298	3	421	4	72	1
Mathematics & Statistics	1,050	4	774	8	254	2	22	a
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	50	a	32	a	15	a	4	a
Parks, Rec., Leisure, & Fitness Studies	884	3	289	3	503	4	93	2
Personal & Social Development	--	--	--	--	--	--	--	--
Philosophy & Religion/Theology	487	2	192	2	279	2	16	a
Physical Sciences	1,103	4	499	5	525	4	79	1
Psychology	1,290	5	471	5	642	5	177	3
Security & Protective/Public Admin. Services	795	3	152	2	332	3	311	5
Social Sciences & History	2,081	7	1,024	10	944	8	113	2
Trade & Industrial	--	--	--	--	--	--	--	--
Visual & Performing Arts	2,444	9	1,022	10	1,156	10	266	4
Other	--	--	--	--	--	--	--	--
<b>Total<sup>2</sup></b>	<b>28,064</b>	<b>100</b>	<b>10,087</b>	<b>100</b>	<b>11,885</b>	<b>100</b>	<b>6,092</b>	<b>100</b>

1. Data represent the summer term preceding the academic year plus the academic year. Full-time equivalent students are calculated by dividing undergraduate student credit hours by 30 and graduate student credit hours by 24.

2. Because of rounding, CIP detail may not sum to total.

a. Rounds to less than 1 percent.

SOURCE: Data provided by Temple University, 2024; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

**TABLE 4**  
**Degrees Conferred<sup>1</sup> 2022-23,**  
**Change from 2022-23 and Five-Year Average Annual Rate of Change**  
**2018-19 to 2023-24**

State-related University	Total				Undergraduate				Graduate <sup>2</sup>			
	Degrees	One-year change	Percent change		Degrees	One-year change	Percent change		Degrees	One-year change	Percent change	
			One-year	Five-year average			One-year	Five-year average			One-year	Five-year average
Lincoln	376	17	5%	-3%	325	18	6%	-1%	51	-1	-2%	-12%
Penn State	20,475	-234	-1	a	15,761	-128	-1	-1	4,714	-106	-2	1
Pittsburgh	9,162	28	a	1	6,358	212	3	2	2,804	-184	-6	-3
Temple	7,913	-638	-7	-5	5,401	-445	-8	-4	2,512	-193	-7	-5
<b>Total</b>	<b>37,926</b>	<b>-827</b>	<b>-2</b>	<b>-1</b>	<b>27,845</b>	<b>-343</b>	<b>-1</b>	<b>-1</b>	<b>10,081</b>	<b>-484</b>	<b>-5</b>	<b>-2</b>

1. Data for each year represent the summer term preceding the academic year plus the academic year.

2. Graduate includes master's level at all universities, first professional and/or doctor's level (excluding medical school) at Penn State, Pittsburgh & Temple.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2018 to 2024.

**TABLE 5**

**Number and Workweeks of Full-Time Employed Faculty  
by Type of Activity Fall 2023, and Percentage Change from Fall 2022**

State-related University	Student contact						Average weekly hours <sup>2</sup>						
	Full-time employed faculty <sup>1</sup>	Under graduate	Percent change	Graduate	Percent change	Instructional support <sup>3</sup>	Percent change	Research	Percent change	Other university service <sup>4</sup>	Percent change	Total work-week	Percent change
Lincoln	114	8.4	-1%	0.6	4%	17.2	-3%	10.2	11%	13.1	-7%	49.5	-1%
Penn State	3,894	8.0	-16	2.5	1	13.2	-10	12.9	-10	7.7	-8	44.4	-10
Pittsburgh	2,235	4.7	3	2.5	7	13.0	-1	19.4	-2	9.7	1	49.4	a
Temple	1,040	5.2	-3	2.6	-2	16.7	-3	12.9	2	10.0	-3	47.5	-1
<b>Total</b>	<b>7,283</b>	<b>6.6</b>	<b>-11</b>	<b>2.5</b>	<b>4</b>	<b>13.7</b>	<b>-6</b>	<b>14.9</b>	<b>-5</b>	<b>8.7</b>	<b>-4</b>	<b>46.5</b>	<b>-6</b>

1. The number of full-time employed faculty represent those reported by each university for the fall term.

2. Averages calculated for the full-time employed faculty who reported complete workweeks of 100 hours or less for the fall term.

3. Includes course preparation and evaluation.

4. Includes public service, institutional support and student services.

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2022 to 2023.

**TABLE 6**  
**Number and Average Instructional Salaries of Full-Time Equivalent Instructional Faculty**  
**and Percentage Distribution by Rank<sup>1</sup>**  
**2023-24**

State-related University	FTE Instructional faculty		Average Instructional salary		Professor		Associate professor		Assistant professor		Instructor		No rank <sup>2</sup>	
	Number	Percent Change	Amount	Percent Change	Average Instructional Salary	Percent of Faculty Salary	Average Instructional Salary	Percent of Faculty Salary	Average Instructional Salary	Percent of Faculty Salary	Average Instructional Salary	Percent of Faculty Salary	Average Instructional Salary	Percent of Faculty Salary
		2022-23 to 2023-24		2022-23 to 2023-24										
Lincoln	171	a	\$56,765	9%	\$94,470	23%	\$73,203	24%	\$68,515	34%	\$20,771	12%	\$58,405	7%
Penn State	4,457	-3%	89,813	3	155,798	31	103,738	17	94,315	16	66,811	25	52,708	10
Pittsburgh	2,547	a	70,355	2	115,837	25	85,853	23	70,700	23	35,832	7	74,840	22
Temple	1,598	-2	77,166	3	126,848	30	90,748	32	68,885	19	65,387	15	59,157	5
<b>Total</b>	<b>8,773</b>	<b>-2</b>	<b>84,256</b>	<b>5</b>	<b>138,747</b>	<b>30</b>	<b>97,153</b>	<b>22</b>	<b>72,828</b>	<b>15</b>	<b>60,381</b>	<b>19</b>	<b>61,427</b>	<b>13</b>

1. Average instructional salaries are calculated by dividing the total instructional salaries paid to all staff members in the respective ranks by their total full-time equivalency in the instructional function. One full-time equivalent faculty represent workload for two terms (one academic year). The summer term is treated as one term or one-half of the academic year. Data for each year represents the summer term preceding the academic year plus the academic year.

2. The full-time equivalency of non-ranked faculty members is based on the time spent on instruction by all non-ranked personnel, including lecturers, administrators, librarians, research staff, graduate assistants and volunteers.

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2023 to 2024.



**TABLE 7**

**Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student by Academic Division and Level<sup>1</sup> 2023-24,  
Change from 2022-23 and Five-Year Average Annual Rate of Change  
2018-19 to 2023-24**

State-related University	Undergraduate							Master's				
	Lower Division	Percent change		Upper Division	Percent change		Total undergraduate	Percent change		Total master's	Percent change	
		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average
Lincoln	\$4,790	8%	9%	\$7,366	7%	4%	\$5,454	8%	7%	\$8,315	-4%	12%
Penn State	3,924	a	-1	4,812	a	a	4,344	a	a	6,316	-3	-1
Pittsburgh	3,503	3	2	6,138	2	4	4,505	2	3	6,825	-3	4
Temple	3,521	8	4	4,472	3	3	4,035	5	4	6,698	8	6
Total	3,775	2	1	4,972	1	2	4,330	1	1	6,630	a	2

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2018 to 2024.

**TABLE 8A**  
**Lincoln University**  
**Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student<sup>1</sup>**  
**by Academic Division and Level and CIP Classification**  
**2023-24**

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	--	--	--	--	--	--
Architecture & Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural, & Gender Studies	\$3,550	\$17,801	\$4,201	--	--	--
Business	3,397	5,668	5,012	\$7,758	--	--
Communications	6,175	7,737	7,020	-	--	--
Computer & Information Sciences	7,561	8,082	7,709	-	--	--
Education	7,521	--	7,521	7,883	--	--
Engineering	--	--	--	--	--	--
Foreign Languages, Literature, & Linguistics	4,425	20,030	5,011	--	--	--
Health Professions	3,476	5,817	4,164	--	--	--
Family & Consumer Sciences/Human Sciences	--	--	--	--	--	--
Legal Professions & Studies	--	--	--	--	--	--
English Language	4,780	7,915	5,087	--	--	--
Lib. Arts & Sciences, Gen. Studies & Humanities	--	--	--	--	--	--
Library Science	--	--	--	--	--	--
Biological & Biomedical Sciences	5,446	16,413	6,710	--	--	--
Mathematics & Statistics	5,551	46,460	5,706	--	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Rec., Leisure, & Fitness Studies	--	--	--	--	--	--
Personal & Social Development	--	--	--	--	--	--
Philosophy & Religion/Theology	3,054	11,724	3,528	--	--	--
Physical Sciences	8,672	31,104	9,857	--	--	--
Psychology	2,586	4,137	3,263	10,122	--	--
Security & Protective/Public Admin. Services	3,163	4,598	3,892	4,962	--	--
Social Sciences & History	5,984	8,824	7,078	--	--	--
Trade & Industrial	--	--	--	--	--	--
Visual & Performing Arts	6,285	14,532	7,317	--	--	--
Other	1,861	--	--	--	--	--
<b>Total</b>	<b>4,786</b>	<b>7,360</b>	<b>5,579</b>	<b>8,376</b>	<b>--</b>	<b>--</b>

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level.

SOURCE: Data provided by Lincoln University, 2024; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP) " <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

**TABLE 8B**  
**Pennsylvania State University**  
**Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student<sup>1</sup>**  
**by Academic Division and Level and CIP Classification**  
**2023-24**

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$3,348	\$5,320	\$4,260	\$14,196	--	\$8,943
Architecture & Related Services	4,532	5,470	5,017	17,717	--	8,090
Area, Ethnic, Cultural, & Gender Studies	4,831	10,656	5,943	12,901	--	9,246
Business	4,143	5,716	5,339	4,640	--	12,913
Communications	3,795	4,747	4,149	10,174	--	3,723
Computer & Information Sciences	--	--	--	--	--	--
Education	5,496	4,716	4,859	5,381	--	6,507
Engineering	4,638	5,619	5,313	8,826	--	5,907
Foreign Languages, Literature, & Linguistics	4,367	5,085	4,749	7,589	--	5,436
Health Professions	5,116	5,134	5,129	11,501	--	10,181
Family & Consumer Sciences/Human Sciences	2,119	4,801	3,097	6,872	--	6,834
Legal Professions & Studies	--	--	--	2,342	\$7,265	72,676
English Language	3,968	5,727	4,272	7,185	--	1,863
Lib. Arts & Sci., Gen. Studies & Humanities	4,885	4,151	4,498	--	--	--
Library Science	--	--	--	--	--	--
Biological & Biomedical Sciences	2,564	3,362	2,920	9,430	--	7,485
Mathematics & Statistics	3,210	3,414	3,275	3,085	--	4,587
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	5,930	7,402	6,600	8,661	--	10,190
Parks, Rec., Leisure, & Fitness Studies	3,397	3,392	3,393	12,225	--	5,642
Personal & Social Development	4,291	23,946	8,211	--	--	--
Philosophy & Religion/Theology	4,735	5,752	4,917	5,040	--	3,065
Physical Sciences	4,307	3,727	4,166	12,061	--	6,570
Psychology	2,924	5,098	3,912	8,236	--	8,069
Security & Protective/Public Admin. Services	3,916	5,140	4,456	5,861	--	5,805
Social Sciences & History	3,330	5,023	3,970	11,404	--	8,476
Trade & Industrial	--	--	--	--	--	--
Visual & Performing Arts	3,315	5,167	4,002	14,836	--	6,037
Other	--	--	--	--	--	--
<b>Total</b>	<b>3,924</b>	<b>4,812</b>	<b>4,344</b>	<b>6,316</b>	<b>7,265</b>	<b>6,542</b>

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level.

SOURCE: Data provided by Pennsylvania State University, 2024; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP) " <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

**TABLE 8C**  
**University of Pittsburgh**  
**Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student<sup>1</sup>**  
**by Academic Division and Level and CIP Classification**  
**2023-24**

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	--	--	--	--	--	--
Architecture & Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural, & Gender Studies	\$3,725	\$5,898	\$4,281	\$24,509	--	-
Business	3,669	6,932	5,913	7,056	\$9,309	\$25,033
Communications	--	--	--	--	--	--
Computer & Information Sciences	3,162	4,781	3,824	10,247	--	34,284
Education	3,792	6,736	5,883	5,889	--	14,292
Engineering	2,951	4,539	3,886	11,868	--	36,421
Foreign Languages, Literature, & Linguistics	4,721	5,147	4,852	13,122	--	43,307
Health Professions	4,723	8,053	6,677	6,191	2,132	16,642
Family & Consumer Sciences/Human Sciences	--	--	--	--	--	--
Legal Professions & Studies	5,812	3,653	4,855	10,918	5,916	102,287
English Language	3,467	6,227	4,070	7,151	--	13,597
Lib. Arts & Sciences, Gen. Studies & Humanities	-	--	--	--	--	--
Library Science	10,323	5,926	7,283	13,163	--	79,479
Biological & Biomedical Sciences	2,974	5,374	4,048	8,326	--	24,278
Mathematics & Statistics	3,451	4,510	3,721	17,623	--	13,442
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	2,657	4,332	3,404	2,958	1,336	15,797
Parks, Rec., Leisure, & Fitness Studies	--	--	--	--	--	--
Personal & Social Development	--	--	--	--	--	--
Philosophy & Religion/Theology	3,722	7,519	5,012	11,428	--	--
Physical Sciences	3,514	10,916	4,493	12,092	--	25,134
Psychology	1,900	5,473	3,032	6,887	6,824	19,291
Security & Protective/Public Admin. Services	5,153	4,716	4,819	6,142	11,712	21,949
Social Sciences & History	2,731	6,854	4,028	24,250	--	10,536
Trade & Industrial	--	--	--	--	--	--
Visual & Performing Arts	3,785	7,732	4,678	24,405	--	46,690
Other	--	--	--	--	--	--
<b>Total</b>	<b>3,503</b>	<b>6,138</b>	<b>4,505</b>	<b>6,825</b>	<b>2,409</b>	<b>23,272</b>

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level.

SOURCE: Data provided by University of Pittsburgh, 2024; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

**TABLE 8D**  
**Temple University**  
**Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student<sup>1</sup>**  
**by Academic Division and Level and CIP Classification**  
**2023-24**

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	--	--	--	--	--	--
Architecture & Related Services	\$1,252	\$2,439	\$1,861	\$3,552	--	--
Area, Ethnic, Cultural, & Gender Studies	4,137	6,890	5,524	8,557	--	\$8,208
Business	3,276	4,752	4,211	7,072	\$4,735	27,289
Communications	2,988	4,642	4,023	8,384	--	19,306
Computer & Information Sciences	3,142	5,873	4,762	12,483	--	35,604
Education	3,757	4,863	4,371	5,800	--	9,406
Engineering	4,932	6,633	5,972	16,909	--	26,049
Foreign Languages, Literature, & Linguistics	4,367	4,394	4,381	1,126	--	7,397
Health Professions	1,768	2,586	2,344	7,036	1,355	5,241
Family & Consumer Sciences/Human Sciences	--	--	--	--	--	--
Legal Professions & Studies	4,918	15,873	8,932	8,193	9,409	--
English Language	3,188	2,743	3,069	6,316	--	6,132
Lib. Arts & Sciences, Gen. Studies & Humanities	2,748	2,949	2,818	39,241	--	18,916
Library Science	--	--	--	--	--	--
Biological & Biomedical Sciences	2,420	4,595	3,695	8,690	--	40,804
Mathematics & Statistics	2,870	3,551	3,039	10,695	--	23,192
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	1,189	2,130	1,483	183	--	--
Parks, Rec., Leisure, & Fitness Studies	3,836	6,556	5,563	12,204	--	3,462
Personal & Social Development	--	--	--	--	--	--
Philosophy & Religion/Theology	2,584	2,803	2,714	3,100	--	19,081
Physical Sciences	2,679	3,960	3,335	9,679	--	24,554
Psychology	3,590	5,138	4,483	6,636	--	15,283
Security & Protective/Public Admin. Services	3,126	3,968	3,704	4,109	6,893	17,590
Social Sciences & History	2,881	4,126	3,478	6,870	1,420	9,845
Trade & Industrial	--	--	--	--	--	--
Visual & Performing Arts	3,229	3,938	3,605	6,768	--	19,533
Other	--	--	--	--	--	--
<b>Total</b>	<b>3,643</b>	<b>4,538</b>	<b>4,127</b>	<b>6,216</b>	<b>2,482</b>	<b>10,648</b>

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level.

SOURCE: Data provided by Temple University, 2024; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP) " <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

**TABLE 9**  
**Average Class Sizes in Classroom Instruction**  
**by Academic Division and Level<sup>1</sup> 2023-24, Change From 2022-23 and Five-Year Average Annual Rate of Change**  
**2018-19 to 2023-24**

State-related University	Undergraduate											
	Lower division			Upper division			Total undergraduate			Master's		
	Class size	<u>Percent change</u>		Class size	<u>Percent change</u>		Class size	<u>Percent change</u>		Class size	<u>Percent change</u>	
		One-year	Five-year average		One-year	Five- year average		One-year	Five-year average		One-year	Five-year average
Lincoln	17	-5%	-3%	12	-6%	1%	15	-5%	-2%	8	10%	-6%
Penn State	28	4	a	22	4	a	25	4	a	15	9	3
Pittsburgh	30	a	2	22	1	-1	27	1	a	15	6	-1
Temple	28	-7	-3	24	-1	-2	26	-2	-2	14	-9	-4
<b>Average</b>	<b>27</b>	<b>a</b>	<b>a</b>	<b>22</b>	<b>a</b>	<b>-1</b>	<b>25</b>	<b>a</b>	<b>-1</b>	<b>14</b>	<b>a</b>	<b>-1</b>

1. Average class size for each level is calculated by dividing total classroom student credit hours by total classroom course (assigned) credits.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2018 to 2024.

**TABLE 10**  
**Academic Year Tuition and Required Fees for Full-Time Students**  
**by Academic Level and Residence 2022-23, Change from 2021-22 and Five-Year Average Annual Rate of Change**  
**2018-19 to 2023-24**

State-related University	Undergraduate						Graduate <sup>1</sup>					
	In-State			Out-of-State			In-State			Out-of-State		
	Tuition & required fees	Percent change		Tuition & required fees	Percent change		Tuition & required fees	Percent change		Tuition & required fees	Percentage change	
		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average
Lincoln	12,512	5%	3%	19,384	5%	3%	11,274	a	a	18,942	a	a
Penn State <sup>2</sup>	20,234	2	2	40,188	4	3	25,518	2%	2%	43,828	4%	3%
Pittsburgh <sup>2</sup>	21,524	2	2	39,890	7	5	27,064	4	3	45,034	4	3
Temple	22,082	4	6	37,462	5	5	22,010	3	5	28,523	3	4
Average	19,088	3	3	34,231	5	4	21,467	2	3	34,082	3	3

1. Excludes first-professional level.

2. Main campus data only.

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Pennsylvania Department of Education, National Center for Education Statistics.

**TABLE 11**

**Tuition and Fee Revenues Related to Full-Time Equivalent Students<sup>1</sup>  
2023-24, Change from 2022-23 and Five-Year Average Annual Rate of Change  
2018-19 to 2023-24**

State-related University	Total tuition & fee revenues			Tuition & fee revenues per FTE student			
	Amount (000s)	Percent change		Amount	One-Year change	Percent change	
		One-year	Five-year average			One-year	Five-year average
Lincoln	\$27,623	8%	-2%	\$16,053	984	7%	3%
Penn State	2,100,881	2	3	24,298	386	2	3
Pittsburgh	963,036	5	4	29,177	1,094	4	4
Temple	880,849	-3	-3	31,387	593	2	3
Total	3,972,389	2	2	26,615	536	2	3

1. Tuition and fee revenues are based on collections by the individual universities. FTE students include in-State and out-of-State undergraduate and graduate students. Excludes medical school data.  
a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues and FTE Students data provided by the individual State-related universities 2018 to 2024.



**TABLE 12**

**Commonwealth Instructional Appropriations Related to Full-Time Equivalent Students<sup>1</sup> 2023-24,  
Change from 2022-23 and Five-Year Average Annual Rate of Change  
2018-19 to 2023-24**

State-related University	Total instructional appropriations			Instructional appropriations per FTE student			
	Amount (000s)	Percent change		Amount	One-year change	Percent change	
		One-year	Five-year average			One-year	Five-year average
Lincoln	\$18,401	21%	5%	\$10,694	1,747	20%	10%
Penn State	242,096	0	a	2,800	-16	-1	1
Pittsburgh	187,444	7	4	5,679	284	5	4
Temple	158,206	0	a	5,637	0	14	8
Total	606,147	3	1	4,061	117	3	3

1. Instructional appropriations include educational and general appropriations. FTE students include in-State and out-of-State undergraduate and graduate students. Excludes medical school data.

a. Rounds to less than 1 percent.

SOURCE: Instructional appropriations - Governor's Executive Budget, 2018-19 to 2023-24; data provided by the individual State-related universities. FTE students- data provided by the individual universities 2018 to 2024.

**TABLE 13**

**Tuition and Fee Revenues, Commonwealth Instructional Appropriations  
Related to Full-Time Equivalent Students 2023-24,  
Change from 2022-23 and Five-Year Average Annual Rate of Change  
2018-19 to 2023-24**

State-related University	Per FTE student			Ratio of instructional appropriations to total instructional revenues		
	Tuition & Fee Revenues	Instructional Appropriations	Total Instructional Revenues	Percent	Percentage change	
					One-year	Five-year average
Lincoln	\$16,053	\$10,694	\$26,748	40%	7%	4%
Penn State	24,298	2,800	27,098	10	-2	-1
Pittsburgh	29,177	5,679	34,856	16	1	a
Temple	31,387	5,637	37,025	15	3	3
<b>Average</b>	<b>26,615</b>	<b>4,061</b>	<b>30,676</b>	<b>13</b>	<b>1</b>	<b>-1</b>

1. Tuition and fee revenues are based on collections by the individual universities. Instructional appropriations include educational and general appropriations. FTE students include in-State and out-of-State undergraduate and graduate students. Excludes medical schools.  
a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues - State-related data provided by the individual universities.

NOTE: Student Aid Per FTE has been omitted from the report due to misrepresentation of financial aid disbursement per FTE.

## **HISTORICAL DATA TABLES**

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**HISTORICAL TABLE 1**  
**Full-Time Equivalent Students by Academic Level<sup>1</sup>**  
**2018-19 to 2023-24**

State-related University	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
<b>Lincoln</b>						
Total	2,185	2,047	1,852	1,757	1,695	1,721
Undergraduate	1,973	1,878	1,713	1,639	1,598	1,603
Graduate	212	169	139	118	97	118
<b>Penn State</b>						
Total	88,526	88,127	87,059	85,864	85,986	86,464
Undergraduate	78,627	77,974	76,222	74,746	75,037	75,384
Graduate	9,899	10,153	10,837	11,118	10,950	11,080
<b>Pittsburgh</b>						
Total	33,737	32,790	32,461	32,736	32,526	33,007
Undergraduate	25,352	24,442	24,255	24,322	24,260	24,742
Graduate	8,385	8,348	8,206	8,414	8,266	8,265
<b>Temple</b>						
Total	37,406	36,659	35,043	33,645	29,641	28,064
Undergraduate	29,961	29,352	27,816	26,579	23,595	21,972
Graduate	7,445	7,307	7,228	7,065	6,046	6,092

1. Data for each year represent the summer term preceding the academic year plus the academic year. Full-time equivalent students are calculated by dividing undergraduate student credit hours by 30 and graduate student credit hours by 24. In addition to master's level, graduate for Penn State, Pittsburgh, Temple, includes first-professional (excluding medical schools) and/or doctor's levels.

SOURCE: Data provided by the individual universities, 2018 to 2024.

**HISTORICAL TABLE 2**  
**Student Credit Hours by Academic Division and Level<sup>1</sup> Total Year and Summer**  
**2018-19 to 2023-24**  
**(in thousands)**

State-related University	Total Year								Summer		
	Lower division	Upper division	Total under-graduate	Master's	First professional	Doctor's	Total graduate	Grand total	Total under-graduate	Total graduate	Grand total
<b>Lincoln</b>											
2018-19	44	13	57	6	na	na	6	63	a	1	1
2019-20	45	15	59	5	na	na	5	64	a	1	1
2020-21	40	16	56	4	na	na	4	60	a	1	1
2021-22	36	15	51	3	na	na	3	55	1	1	2
2022-23	36	12	48	2	na	na	2	50	2	a	2
2023-24	36	12	48	3	na	na	3	51	3	a	3
<b>Penn State</b>											
2018-19	1,273	1,147	2,420	124	18	89	230	2,651	164	28	192
2019-20	1,232	1,127	2,359	129	19	90	238	2,596	165	29	194
2020-21	1,195	1,144	2,339	132	18	93	244	2,583	159	32	191
2021-22	1,170	1,116	2,287	151	19	90	260	2,547	171	32	203
2022-23	1,183	1,068	2,251	146	21	97	263	2,514	156	32	188
2023-24	1,192	1,069	2,262	146	21	99	266	2,727	156	30	186
<b>Pittsburgh</b>											
2018-19	488	274	761	128	47	23	198	959	38	27	65
2019-20	484	276	761	131	47	23	201	962	38	26	65
2020-21	460	273	733	128	47	26	200	934	39	26	65
2021-22	465	263	728	123	47	27	197	925	39	25	64
2022-23	454	274	728	121	47	30	198	926	32	26	59
2023-24	460	282	742	124	46	29	198	941	32	27	59
<b>Temple</b>											
2018-19	408	493	902	87	56	23	175	1,077	40	21	61
2019-20	392	507	899	95	60	23	179	1,078	42	26	68
2020-21	385	496	881	88	63	25	175	1,056	40	26	66
2021-22	354	481	834	87	62	24	173	1,056	42	21	63
2022-23	337	371	708	65	57	22	145	853	35	23	58
2023-24	302	357	659	65	58	22	146	805	36	17	53

1. Data for each year represent the summer term preceding the academic year plus the academic year. The first-professional levels exclude medical school data.

a. Rounds to less than one thousand student credit hours.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2018 to 2024.

**HISTORICAL TABLE 3**

**Degrees Conferred<sup>1</sup>  
2018-19 to 2023-24**

State-related University	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
<b>Lincoln</b>						
Total	463	454	518	462	359	376
Bachelor's	358	350	446	377	307	325
Graduate	105	104	72	85	52	51
<b>Penn State</b>						
Total	20,963	22,067	21,145	20,521	20,709	20,475
Bachelor's	16,509	17,461	16,684	15,638	15,889	15,761
Graduate	4,454	4,606	4,461	4,883	4,820	4,714
<b>Pittsburgh</b>						
Total	8,940	8,851	8,613	8,401	9,134	9,162
Bachelor's	5,664	5,762	5,724	5,585	6,146	6,358
Graduate	3,276	3,089	2,889	2,816	2,988	2,804
<b>Temple</b>						
Total	10,029	10,128	9,410	8,903	8,551	7,913
Bachelor's	6,749	7,095	6,561	6,221	5,846	5,401
Graduate	3,280	3,033	2,849	2,682	2,705	2,512

1. Data for each year represent the summer term preceding the academic year plus the academic year. Graduate include master's at all universities, first professional (excluding medical schools) at Penn State, Pittsburgh and Temple, and doctor's at Penn State, Pittsburgh, & Temple.

Source: Data provided by the individual universities, 2018 to 2024.

**HISTORICAL TABLE 4**

**Number and Average Weekly Student Contact Hours of Full-Time Employed Faculty  
by Academic Level<sup>1</sup>  
Fall 2018 to Fall 2023**

State-related University	Full-time employee <sup>2</sup>						Undergraduate Average weekly student contact hours						Graduate Average weekly student contact hours					
	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
	Lincoln	101	105	107	109	107	114	9.6	8.8	9.0	8.9	8.5	8.4	0.5	0.5	0.7	0.6	0.6
Penn State	4,377	4,439	4,302	3,672	3,898	2,894	9.6	9.6	10.4	9.8	9.5	8.0	2.9	2.8	3.0	2.7	2.5	2.5
Pittsburgh	2,095	2,170	2,173	2,175	2,186	2,235	5.1	5.0	5.0	4.7	4.6	4.7	2.4	2.3	2.3	2.3	2.3	2.5
Temple	1,349	1,374	1,144	1,032	1,078	1,040	5.4	5.4	5.5	5.3	5.3	5.2	2.5	2.6	2.6	2.6	2.6	2.6
Total	7,922	8,090	7,726	6,988	7,269	7,283	7.7	7.7	8.1	7.5	7.4	6.6	2.7	2.6	2.7	2.5	2.4	2.5

1. Averages calculated for the full-time employed faculty who reported complete workweeks of 100 hours or less for the fall term.

2. The full-time equivalency of nonranked faculty members is based on the time spent in instruction by all nonranked personnel, including lecturers, administrators, librarians, research staff, graduate assistants and volunteers.

**HISTORICAL TABLE 5**  
**Number and Average Instructional Salaries of Full-Time Equivalent Instructional Faculty**  
**by Rank 2018-19 to 2023-24**  
**Average Instructional Salaries**

State-related University	FTE Instructional Faculty	All Faculty	Professor	Associate Professor	Assistant Professor	Instructor	No Rank <sup>2</sup>
<b>Lincoln</b>							
2018-19	175	50	97	75	66	19	58
2019-20	173	51	95	75	64	20	62
2020-21	183	48	95	69	66	17	62
2021-22	180	51	93	72	66	19	58
2022-23	171	52	86	71	68	19	59
2023-24	171	57	94	73	69	21	58
<b>Penn State</b>							
2018-19	5,048	84	139	99	84	61	66
2019-20	5,119	86	142	100	87	64	63
2020-21	4,793	84	146	99	87	63	52
2021-22	4,182	86	147	108	90	65	52
2022-23	4,581	87	153	103	92	65	52
2023-24	4,457	90	156	104	94	67	53
<b>Pittsburgh</b>							
2018-19	2,225	73	131	80	68	38	60
2019-20	2,237	72	134	81	70	39	61
2020-21	2,332	69	138	82	69	41	57
2021-22	2,339	70	137	82	70	44	61
2022-23	2,547	69	115	86	70	35	71
2023-24	2,547	70	116	86	71	36	75
<b>Temple</b>							
2018-19	1,970	68	122	84	61	44	40
2019-20	1,975	71	124	85	62	47	48
2020-21	1,885	72	127	85	66	62	23
2021-22	1,895	73	133	88	68	65	21
2022-23	1,630	75	128	91	69	65	24
2023-24	1,598	77	127	91	69	65	59

1. Average instructional salaries are calculated by dividing the total instructional salaries paid to all staff members in the respective ranks by their total full-time equivalency in the instructional function. One full-time equivalent faculty represents one full-time workload for two terms (one academic year). The summer term is treated as one term or one-half of the academic year. Data for each year represent the summer term preceding the academic year plus the academic year.

2. The full-time equivalency of nonranked faculty members is based on the time spent in instruction by all nonranked personnel, including lecturers, administrators, librarians, research staff, graduate assistants and volunteers.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2018 to 2024.



**HISTORICAL TABLE 6**

**Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student  
by Academic Division and Level<sup>1</sup>  
2018-19 to 2023-24**

State-related University	Lower Division						Upper Division						Total Undergrade						Master's					
	2018- 19	2019- 20	2020- 21	2021- 22	2022- 23	2023- 24	2018- 19	2019- 20	2020- 21	2021- 22	2022- 23	2023- 24	2018- 19	2019- 20	2020- 21	2021- 22	2022- 23	2023- 24	2018- 19	2019- 20	2020- 21	2021- 22	2022- 23	2023- 24
Lincoln	\$3,185	\$3,680	\$4,176	\$4,381	\$4,419	\$4,790	\$6,242	\$5,344	\$5,586	\$6,742	\$6,867	\$7,366	\$3,943	\$4,150	\$4,599	\$4,997	\$5,049	\$5,454	\$4,864	\$6,368	\$7,063	\$9,069	\$8,652	\$8,315
Penn State	4,099	4,378	4,059	3,576	3,938	3,924	4,892	5,036	4,640	4,265	4,835	4,812	4,478	4,700	4,343	3,906	4,364	4,344	6,750	6,872	6,357	5,878	6,493	6,316
Pittsburgh	3,224	3,307	3,350	3,303	3,417	3,503	5,054	5,433	5,089	5,410	6,031	6,138	3,888	4,099	3,977	4,066	4,401	4,505	5,625	6,073	6,647	6,214	7,013	6,825
Temple	2,877	2,991	3,054	3,189	3,275	3,521	3,779	3,982	3,937	4,292	4,358	4,472	3,386	3,549	3,563	3,799	3,843	4,035	4,977	5,566	5,637	5,907	6,213	6,698
<b>Total</b>	<b>3,623</b>	<b>3,821</b>	<b>3,711</b>	<b>3,471</b>	<b>3,717</b>	<b>3,775</b>	<b>4,585</b>	<b>4,782</b>	<b>4,531</b>	<b>4,468</b>	<b>4,933</b>	<b>4,972</b>	<b>4,077</b>	<b>4,283</b>	<b>4,105</b>	<b>3,939</b>	<b>4,279</b>	<b>4,330</b>	<b>6,090</b>	<b>6,528</b>	<b>6,332</b>	<b>5,993</b>	<b>6,660</b>	<b>6,630</b>

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level.

SOURCE: Data provided by the individual universities, 2018 to 2024.

**HISTORICAL TABLE 7**  
**Average Instructional Faculty Salary Cost**  
**Per Student Credit Hour**  
**by Academic Division and Level<sup>1</sup>**  
**2018-19 to 2023-24**

State-related university	Lower Division						Upper Division						Total Undergraduate						Master's					
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2018-19	2019-20	2020-21	2021-22	2023-24	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Lincoln	\$106	\$123	\$139	\$146	\$147	\$160	\$208	\$178	\$186	\$225	\$246	\$129	\$131	\$138	\$153	\$167	\$168	\$182	\$203	\$265	\$294	\$378	\$361	\$346
Penn State	137	146	135	119	131	131	163	168	155	142	160	141	149	157	145	130	145	145	281	286	265	245	271	263
Pittsburgh	107	110	112	110	114	117	168	181	170	180	205	125	130	137	133	136	147	150	234	253	277	259	292	284
Temple	96	100	102	106	109	117	126	133	131	143	149	108	113	118	119	127	128	135	236	232	234	239	210	224
<b>Total</b>	121	127	124	116	124	126	153	159	151	149	166	129	136	143	137	131	143	144	254	272	264	250	277	276

1. The average instructional faculty salary cost per student credit hour for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by the total student credit-hour production for that level. Instructional faculty salary cost per student credit hour equals instructional faculty salary cost per FTE student divided by 30 for undergraduate students, and divided by 24 for graduate students (see Historical Table 6).

SOURCE: Data provided by the individual universities, 2018 to 2024.

**HISTORICAL TABLE 8**  
**Average Class Sizes in Classroom Instruction**  
**by Academic Division and Level<sup>1</sup>**  
**2018-19 to 2023-24**

State-related university	Lower Division						Upper Division						Total Undergraduate						Master's					
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Lincoln	20	19	17	17	18	17	12	14	14	13	13	12	17	17	16	16	16	15	11	9	8	7	7	8
Penn State	28	27	26	27	27	28	22	23	22	22	21	22	25	25	24	24	24	25	13	14	14	13	14	15
Pittsburgh	28	28	31	31	30	30	24	23	25	24	22	22	26	26	28	28	27	27	16	16	16	16	15	15
Temple	32	32	31	30	30	28	26	26	26	24	24	24	29	29	28	26	27	26	17	17	16	15	15	14
Total	28	28	28	28	28	28	23	24	23	22	22	22	26	26	25	25	25	25	15	15	15	15	14	15

1. The average class size for each level is calculated by dividing total classroom student credit hours by total classroom course (assigned) credits.

SOURCE: Data provided by the individual universities, 2018 to 2024.

**HISTORICAL TABLE 9**  
**Commonwealth Instructional Appropriations<sup>1</sup>**  
**2018-19 to 2023-24**  
**(in millions)**

State-related University	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Lincoln	\$14.9	\$15.2	\$15.2	\$15.2	\$15.2	\$18.4
Penn State	237.3	242.1	242.1	242.1	242.1	242.1
Pittsburgh	157.6	165.5	165.5	175.4	175.5	187.4
Temple	155.1	158.2	158.2	158.2	158.2	158.2
Total	564.9	581.0	581.0	591.0	591.0	606.1

1. Instructional appropriations include educational and general appropriations. FTE students include in-State and out-of-State undergraduate and graduate students. Excludes medical school data.  
 SOURCE: Instructional appropriations - Governor's Executive Budget, 2018-19 to 2023-24; data provided by the individual State-related universities 2018 to 2024. FTE students - data provided by the individual universities, 2017 to 2023.

**HISTORICAL TABLE 10**

**Academic Year Tuition and Required Fees  
for Full-Time Students  
by Academic Level and Residence  
2018-19 to 2023-2024**

State-related University	Undergraduate		Graduate <sup>1</sup>	
	In-State	Out-of-State	In-State	Out-of-State
Lincoln				
2018-19	\$11,036	\$16,952	\$11,420	\$18,950
2019-20	11,266	17,468	11,420	18,950
2020-21	11,266	17,468	11,274	18,804
2021-22	11,556	17,912	11,274	18,942
2022-23	11,910	18,456	11,274	18,942
2023-24	12,512	19,384	11,274	18,942
Penn State				
2018-19	18,454	34,858	22,578	38,012
2019-20	18,450	35,514	22,994	38,728
2020-21	18,450	35,514	22,994	38,728
2021-22	18,898	36,476	23,719	39,778
2022-23	19,835	38,651	25,015	42,151
2023-24	20,234	40,188	25,518	43,828
Pittsburgh				
2018-19	19,080	32,052	23,696	39,586
2019-20	19,718	33,746	24,480	40,848
2020-21	19,679	33,706	24,468	40,836
2021-22	20,362	35,394	25,248	42,042
2022-23	21,080	37,320	26,142	43,504
2023-24	21,524	39,890	27,064	45,034
Temple				
2018-19	16,970	29,066	17,378	23,588
2019-20	16,970	29,882	17,846	24,236
2020-21	16,970	29,882	17,846	24,236
2021-22	17,378	30,602	18,278	24,812
2022-23	21,135	35,608	21,455	27,596
2023-24	22,082	37,462	22,010	28,523

1. Excludes first-professional level.

SOURCE: Pennsylvania Department of Education, National Center for Education Statistics.



## APPENDIX

# MODEL OF FTE SALARY COST DETERMINATION

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Instructional faculty salary cost per student credit hour, for each academic level and each program area, can be expressed by the following model:

$$\begin{array}{r}
 \text{FTE} \\
 \text{instructional} \\
 \text{faculty salaries} \\
 \text{student credit hours}
 \end{array}
 =
 \begin{array}{c}
 \text{Number of FTE} \\
 \text{instructional faculty} \\
 \hline
 \text{Number} \\
 \text{of courses}
 \end{array}
 \times
 \begin{array}{c}
 \text{Average} \\
 \text{course} \\
 \text{(assigned)} \\
 \text{credit value}
 \end{array}
 \times
 \begin{array}{c}
 \text{Average FTE} \\
 \text{instructional faculty salary} \\
 \hline
 \text{Average} \\
 \text{class} \\
 \text{(section)} \\
 \text{size}
 \end{array}
 \times
 \begin{array}{c}
 \text{Number} \\
 \text{of classes} \\
 \text{(sections)} \\
 \text{Number} \\
 \text{of courses}
 \end{array}$$

The two terms on the right-hand side of this equation illustrate the two different kinds of factors which determine FTE instructional salary cost.

The components of the first term are approximately *constants or constant relationships*. In the short run, neither the number of faculty per course nor the number of faculty per average course (assigned) credit value can be readily varied to influence FTE instructional salary cost.

The second term contains *control variables*: average FTE instructional faculty salary, average class (section) size, and the number of classes (sections) per course. To at least some degree, each of these variables can be controlled by university administrators to affect FTE instructional salary cost. Adjustments in the number of classes (sections) per course are an alternative to permitting average class sizes to change with changes in enrollment.

Average instructional faculty salary cost per FTE student, or FTE instructional salary cost, equals the FTE instructional salary cost per student credit hour times 30 for undergraduate students, and times 24 for graduate students.