

JOINT STATE GOVERNMENT COMMISSION

General Assembly of the Commonwealth of Pennsylvania

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

*Staff Analysis of 2015-16
Data Reported Under the Public School Code of 1949*

February 2017



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

REPORT

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

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The full report is also available on our website, <http://jsg.legis.state.pa.us>.

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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.¹

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. There was also a Secretary during some years.

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.² 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 published in a report.

¹ Act of July 1, 1937 (P.L.2460, No.459) (46 P.S. § 65).

² Consensus does not necessarily reflect unanimity among the advisory committee members on each individual policy or legislative recommendation. However, it does, at a minimum, reflect 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 of Pennsylvania receives the financial benefit of such volunteerism, along with the 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 in determining the intent of the General Assembly.³

Since its inception, the Commission has published more than 360 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.

³ 1 Pa.C.S. § 1939 ("The comments or report of the commission . . . which drafted a statute may be consulted in the construction or application of the original provisions of the statute if such comments or report were published or otherwise generally available prior to the consideration of the statute by the General Assembly").



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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 and State-owned Universities is an annual statistical comparison of the employment and salary, financial and contract data, and statements on retirement and tuition benefits as reported by the universities and compiled by our staff.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Glenn J. Pasewicz".

Glenn J. Pasewicz
Executive Director

FOREWORD

44th Annual Report

This report summarizes the instructional outputs, instructional faculty salary costs, tuition, and Commonwealth instructional appropriations and student aid for Pennsylvania's State-related and State-owned universities the Commonwealth's public 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 noninstructional 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 nonsalary expenditures, the report does not summarize total instructional costs for the universities. Data on tuition, Commonwealth instructional appropriations, and student aid from other sources supplement the university data.

Levels of data for 2015-16 and data trends for 2010-11 to 2015-16 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.

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**STATE-RELATED AND STATE-OWNED UNIVERSITIES
AND BRANCH CAMPUSES**
(WITH COUNTIES)

State-Related Universities

Lincoln (Chester)
Penn State University Park (Centre)
 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)*
 Bradford Campus (McKean)
 Greensburg Campus (Westmoreland)
 Johnstown Campus (Cambria)
 Titusville Campus (Crawford)
Temple (Philadelphia)*
 Ambler Campus (Montgomery)
 Harrisburg Center (Dauphin)

State-Owned Universities

Bloomsburg (Columbia)
California (Washington)
Cheyney (Delaware)
Clarion (Clarion)
 Venango Campus (Venango)
East Stroudsburg (Monroe)
Edinboro (Erie)
Indiana (Indiana)
 Armstrong Campus (Armstrong)
 Punxsutawney Campus (Jefferson)
Kutztown (Berks)
Lock Haven (Clinton)
 Clearfield Campus (Clearfield)
Mansfield (Tioga)
Millersville (Lancaster)
Shippensburg (Cumberland)
Slippery Rock (Butler)
West Chester (Chester)

* Medical School data not included in this report.

** Not included in this report.

TABLE OF CONTENTS

CHANGES IN FTE STUDENT ENROLLMENTS IN THE STATE-RELATED AND STATE-OWNED UNIVERSITIES 2010-11 to 2015-16	1
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I. CURRENT-YEAR DATA TABLES

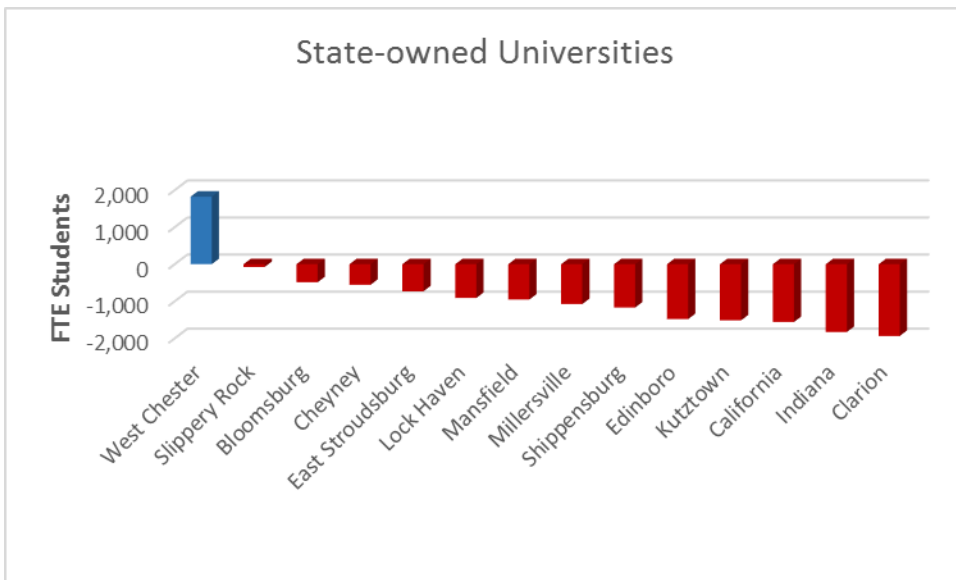
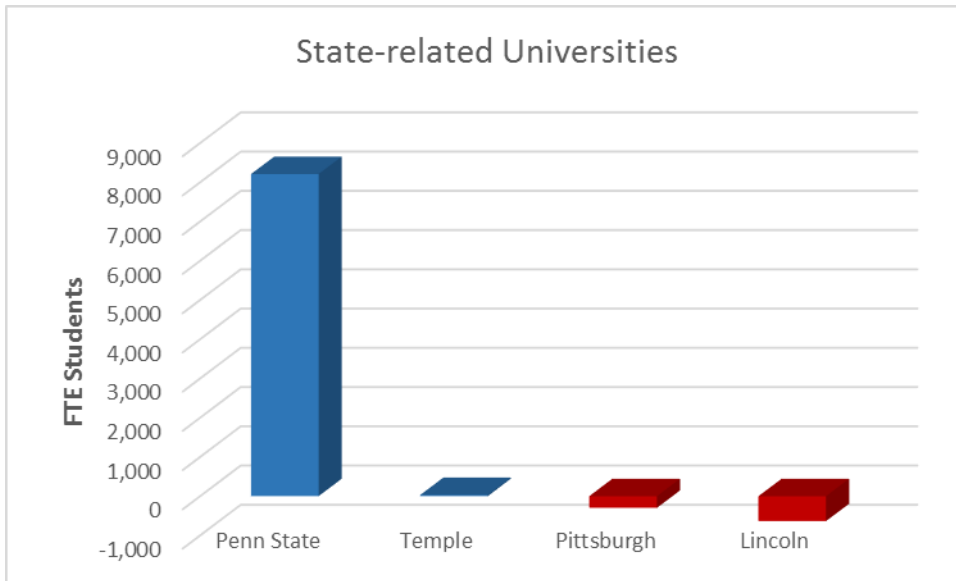
Table 1: Full-Time Equivalent Students by Academic Level	4
Table 2: Full-Time Equivalent Students by Academic Division and Level	5
Table 3A: Lincoln University Number and Percentage Distribution of Full-Time Equivalent Students	6
Table 3B: Pennsylvania State University Number and Percentage Distribution of Full-Time Equivalent Students	7
Table 3C: University of Pittsburgh Number and Percentage Distribution of Full-Time Equivalent Students	8
Table 3D: Temple University Number and Percentage Distribution of Full-Time Equivalent Students	9
Table 3E: State-Owned Universities Number and Percentage Distribution of Full-Time Equivalent Students	10
Table 4: Degrees Conferred	11
Table 5: Number and Workweeks of Full-Time Employed Faculty by Type of Activity	12
Table 6: Number and Average Instructional Salaries of Full-Time Equivalent Instructional Faculty and Percentage Distribution by Rank	13
Table 7: Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student by Academic Division and Level	14
Table 8A: Lincoln University - Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	15
Table 8B: Pennsylvania State University Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	16
Table 8C: University of Pittsburgh Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	17
Table 8D: Temple University Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	18
Table 8E: State-Owned Universities Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	19

Table 9: Average Class Sizes in Classroom Instruction Academic Division and Level	20
Table 10: Academic Year Tuition and Required Fees for Full-Time Students by Academic Level and Residence	21
Table 11: Tuition and Fee Revenues Related to Full-Time Equivalent Students	22
Table 12: Commonwealth Instructional Appropriations Related to Full-Time Equivalent Students	23
Table 13: Tuition and Fee Revenues, Commonwealth Instructional Appropriations and Student Aid Related to Full-Time Equivalent Students	24

II. HISTORICAL DATA TABLES

Historical Table 1: Full-Time Equivalent Students by Academic Level	27
Historical Table 2: Student Credit Hours by Academic Division and Level	28
Historical Table 3: Degrees Conferred	30
Historical Table 4: Number and Average Weekly Student Contact Hours of Full-Time Employed Faculty by Academic Level	31
Historical Table 5: Number and Average Instructional Salaries of Full-Time Equivalent Instructional Faculty by Rank	32
Historical Table 6: Average Instructional Faculty Salary Cost per Full-Time Equivalent Student by Academic Division and Level	34
Historical Table 7: Average Instructional Faculty Salary Cost per Student Credit Hour by Academic Division and Level	35
Historical Table 8: Average Class Sizes in Classroom Instruction by Academic Division and Level	36
Historical Table 9: Commonwealth Instructional Appropriations	37
Historical Table 10: Academic Year Tuition and Required Fees for Full-Time Students	38
APPENDIX: MODEL OF FTE SALARY COST DETERMINATION	41

CHANGES IN FTE STUDENT ENROLLMENTS IN THE STATE-RELATED
AND STATE-OWNED UNIVERSITIES
2010-11 to 2015-16



Source: Data provided by the individual universities, 2011 to 2016.

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I. CURRENT YEAR DATA TABLES

Table 1
 FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
 2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

University	Total				Undergraduate				Graduate ²				
	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	
State-related													
Lincoln	1,792	38	2%	-6%	1,602	66	4%	-2%	190	-28	-13%	-20%	
Penn State	87,856	1,096	1	2	79,183	917	1	2	8,673	180	2	3	
Pittsburgh	33,988	-276	-1	a	25,221	-14	a	a	8,767	-262	-3	-2	
Temple	35,066	427	1	a	28,296	570	2	a	6,770	-144	-2	-2	
Total	158,702	1,286	1	1	134,302	1,539	1	1	24,400	-254	-1	a	
State-owned													
Bloomsburg	9,319	-185	-2	-1	8,781	-166	-2	a	538	-19	-3	-8	
California	7,457	-149	-2	-4	5,445	-296	-5	-5	2,011	147	8	3	
Cheyney	721	-309	-30	-10	698	-319	-31	-10	23	10	75	-4	
Clarion	4,575	-231	-5	-7	4,026	-279	-6	-7	549	48	10	-4	
East Stroudsburg	6,155	6	a	-2	5,656	-16	a	-2	499	22	5	-7	
Edinboro	5,915	-113	-2	-4	4,929	-188	-4	-4	986	75	8	-3	
Indiana	12,990	-564	-4	-3	11,429	-573	-5	-3	1,561	9	1	-1	
Kutztown	8,366	-258	-3	-3	7,885	-300	-4	-3	480	42	10	-4	
Lock Haven	4,488	-287	-6	-4	4,046	-286	-7	-4	442	-1	a	5	
Mansfield	2,241	-274	-11	-7	2,177	-259	-11	-6	64	-15	-19	-23	
Millersville	7,080	-142	-2	-3	6,481	-150	-2	-3	599	8	1	-5	
Shippensburg	6,431	-188	-3	-3	5,792	-218	-4	-4	639	30	5	a	
Slippery Rock	8,752	72	1	a	7,729	6	a	-1	1,023	66	7	4	
West Chester	15,421	298	2	3	13,801	243	2	3	1,620	54	3	1	
Total	99,911	-2,320	-2	-2	88,875	-2,802	-3	-2	11,034	479	5	-2	
All universities	258,613	-1,035	a	a	223,177	-1,263	-1	a	35,434	226	1	-1	

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, Bloomsburg, East Stroudsburg, Indiana, Slippery Rock, and West Chester.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2010 to 2016.

Table 2
 FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL¹
 2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

University	Lower Division			Upper Division			Master's			First professional ² and 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
State-related												
Lincoln	1,202	10%	-1%	401	-9%	-4%	190	-13%	-20%	na	na	na
Penn State	41,330	-1	-1	37,853	4	6	4,094	5	7	4,579	a	a
Pittsburgh	16,473	a	a	8,748	-1	1	5,805	-2	-2	2,963	-4%	-1%
Temple	12,764	4	1	15,532	1	a	3,291	9	1	3,480	-11	-3
Total	71,768	a	a	62,534	2	3	13,379	2	a	11,021	-5	-1
State-owned												
Bloomsburg	6,268	-2	-1	2,513	-1	a	480	-4	-9	58	a	-1
California	2,910	-8	-5	2,536	-2	-5	2,011	8	3	na	na	na
Cheyney	392	-41	-14	306	-14	a	23	75	4	na	na	na
Clarion	2,531	-9	-9	1,496	-2	-4	549	10	-4	na	na	na
East Stroudsburg	3,740	-1	-2	1,916	1	-1	490	9	-6	9	-69	5
Edinboro	3,139	-1	-4	1,789	-7	-5	986	8	-3	na	na	na
Indiana	7,631	-5	-4	3,799	-4	a	1,209	5	6	352	-11	-11
Kutztown	4,184	-4	-6	3,701	-3	1	480	10	-4	na	na	na
Lock Haven	2,713	-9	-6	1,333	a	-1	442	a	5	na	na	na
Mansfield	1,151	-14	-8	1,027	-7	-3	64	-19	-23	na	na	na
Millersville	3,923	-3	-3	2,558	-1	-2	599	1	-5	na	na	na
Shippensburg	3,959	-4	-4	1,833	-3	-3	639	5	a	na	na	na
Slippery Rock	4,694	2	-1	3,035	-2	a	767	9	5	256	2	2
West Chester	8,444	2	2	5,357	1	4	1,574	2	a	46	121	na
Total	55,679	-4	-3	33,199	-2	-1	10,313	5	-1	721	-4	-6
All universities	127,447	-2	-2	95,733	1	2	23,692	4	a	11,742	-5	-2

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, 2010 to 2016.

Table 3A
 LINCOLN UNIVERSITY
 NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2015-16

CIP Classification	Total	Percent of Total	Undergraduate				Graduate	Percent of total
			Lower Division	Percent of total	Upper division	Percent of total		
Agriculture	-	-	-	-	-	-	-	-
Architecture and Related Services	-	-	-	-	-	-	-	-
Area, Ethnic, Cultural, and Gender Studies	46	3%	37	3%	9	3%	-	-
Business	156	9	26	2	79	25	52	27%
Communications	54	3	21	2	32	10	-	-
Computer and Information Sciences and Support Services	56	3	38	3	17	5	-	-
Personal and Culinary Services	-	-	-	-	-	-	-	-
Education	70	4	6	1	7	2	58	30
Engineering	-	-	-	-	-	-	-	-
Foreign Languages, Literature, and Linguistics	62	4	55	5	7	2	-	-
Health Professions and Related Clinical Sciences	-	-	-	-	-	-	-	-
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-	-	-
Legal Professions and Studies	-	-	-	-	-	-	-	-
English Language and Literature/Letters	170	10	157	14	13	4	-	-
Liberal Arts and Sciences, General Studies and Humanities	-	-	-	-	-	-	-	-
Library Science	-	-	-	-	-	-	-	-
Biological and Biomedical Sciences	114	7	95	8	19	6	-	-
Mathematics and Statistics	160	10	156	14	4	1	-	-
Military Technologies	-	-	-	-	-	-	-	-
Multi/Interdisciplinary Studies	-	-	-	-	-	-	-	-
Parks, Recreation, Leisure, and Fitness Studies	-	-	-	-	-	-	-	-
Personal and Social Development	-	-	-	-	-	-	-	-
Philosophy and Religion/Theology	91	5	79	7	5	2	7	4
Physical Sciences	119	7	109	10	9	3	-	-
Psychology	62	4	30	3	26	8	7	4
Security and Protective Services/ Public Administration and Services	132	8	31	3	37	12	65	34
Social Sciences and History	238	14	153	14	83	26	2	1
Trade and Industrial	-	-	-	-	-	-	-	-
Visual and Performing Arts	107	6	100	9	7	2	-	-
Other	36	2	34	3	1	a	-	-
Total²	1,673	100	1,127	100	318	100	191	100

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 Lincoln University, 2016; 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?v=55> U.S. Department of Education, National Center for Education Statistics.

Table 3B
 PENN STATE UNIVERSITY
 NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2015-16

CIP Classification	Total	Percent of Total	Undergraduate				Graduate	Percent of Total
			Lower Division	Percent of Total	Upper division	Percent of Total		
Agriculture	1,465	2%	366	1%	909	2%	190	2%
Architecture and Related Services	431	a	181	a	202	1	49	1
Area, Ethnic, Cultural, and Gender Studies	1,068	1	579	1	434	1	54	1
Business	10,102	11	2,942	7	5,939	16	1,222	14
Communications	4,169	5	2,177	5	1,889	5	103	1
Computer and Information Sciences and Support Services	3,054	3	1,176	3	1,609	4	270	3
Personal and Culinary Services	-	-	-	-	-	-	-	-
Education	2,307	3	418	1	799	2	1,090	13
Engineering	8,176	9	1,729	4	5,045	13	1,401	16
Foreign Languages, Literature, and Linguistics	3,574	4	2,040	5	1,369	4	166	2
Health Professions and Related Clinical Sciences	3,117	4	761	2	1,997	5	359	4
Family and Consumer Sciences/ Human Sciences	2,215	3	959	2	1,147	3	109	1
Technology Education/Industrial Arts	-	-	-	-	-	-	-	-
Legal Professions and Studies	733	1	-	-	2	-	731	8
English Language and Literature/Letters	4,268	5	2,711	7	1,453	4	104	1
Liberal Arts and Sciences, General Studies and Humanities	201	a	135	a	63	a	2	a
Library Science	2	a	-	-	2	a	-	-
Biological and Biomedical Sciences	5,160	6	2,734	7	2,086	6	340	4
Mathematics and Statistics	8,402	10	6,657	16	1,311	3	435	5
Military Technologies	100	a	49	a	51	a	-	-
Multi/Interdisciplinary Studies	243		121		35		87	1
Parks, Recreation, Leisure, and Fitness Studies	2,214	3	849	2	1,316	3	50	1
Personal and Social Development	48	a	35	a	12	a	1	a
Philosophy and Religion/Theology	1,098	1	617	1	446	1	34	a
Physical Sciences	7,356	8	4,588	11	2,085	6	683	8
Psychology	3,487	4	1,632	4	1,537	4	318	4
Security and Protective Services/ Public Administration and Services	1,384	2	540	1	748	2	96	1
Social Sciences and History	8,610	10	5,125	12	2,917	8	568	7
Trade and Industrial	4	a	-	-	4	a	-	-
Visual and Performing Arts	4,307	5	2,209	5	1,888	5	210	2
Other	558	1	-	-	558	1	-	-
Total²	87,853	100	41,330	100	37,853	100	8,672	100

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, 2016; 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?v=55> U.S. Department of Education, National Center for Education Statistics.

Table 3C
UNIVERSITY OF PITTSBURGH
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2014-15

CIP Classification	Total	Percent of Total	Undergraduate				Graduate	Percent of Total
			Lower Division	Percent of Total	Upper division	Percent of Total		
Agriculture								
Architecture and Related Services								
Area, Ethnic, Cultural, and Gender Studies	362	1%	144	1%	216	2%	2	a
Business	2,751	8	621	4	1,326	15	804	9%
Communications	-	-	-	-	-	-	-	-
Computer and Information Sciences and Support Services	1,465	4	804	5	292	3	369	4
Personal and Culinary Services	-	-	-	-	-	-	-	-
Education	1,350	4	338	2	375	4	637	7
Engineering	2,735	8	971	6	989	11	776	9
Foreign Languages, Literature, and Linguistics	1,454	4	1,035	6	339	4	80	1
Health Professions and Related Clinical Sciences	4,908	14	421	3	1,108	13	3,379	39
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-	-	-
Legal Professions and Studies	605	2	-	-	2	a	603	7
English Language and Literature/Letters	2,615	8	1,966	12	577	7	73	1
Liberal Arts and Sciences, General Studies and Humanities	-	-	-	-	-	-	-	-
Library Science	123	a	5	a	3	a	115	1
Biological and Biomedical Sciences	1,741	5	1,008	6	545	6	188	2
Mathematics and Statistics	2,219	7	1,712	10	389	4	117	1
Military Technologies	11	a	6	a	5	a	-	-
Multi/Interdisciplinary Studies	589	2	337	2	192	2	61	1
Parks, Recreation, Leisure, and Fitness Studies	-	-	-	-	-	-	-	-
Personal and Social Development	-	-	-	-	-	-	-	-
Philosophy and Religion/Theology	635	2	449	3	161	2	25	a
Physical Sciences	2,743	8	2,251	14	261	3	231	3
Psychology	1,555	5	970	6	380	4	205	2
Security and Protective Services/ Public Administration and Services	1,432	4	134	1	422	5	876	10
Social Sciences and History	3,528	10	2,380	14	990	11	158	2
Trade and Industrial	-	-	-	-	-	-	-	-
Visual and Performing Arts	1,167	3	923	6	176	2	69	1
Other	-	-	-	-	-	-	-	-
Total²	33,988	100	16,473	100	8,748	100	8,767	100

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 Pittsburgh University, 2016; 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?v=55> U.S. Department of Education, National Center for Education Statistics.

Table 3D
 TEMPLE UNIVERSITY
 NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2014-15

CIP Classification	Total	Percent of Total	Undergraduate				Graduate	Percent of Total
			Lower Division	Percent of Total	Upper division	Percent of Total		
Agriculture								
Architecture and Related Services	590	2%	211	2%	296	2%	83	1%
Area, Ethnic, Cultural, and Gender Studies	358	1	196	2	150	1	12	a
Business	5,777	16	1,378	11	3,314	21	1,085	16
Communications	2,287	7	771	6	1,443	9	73	1
Computer and Information Sciences and Support Services	653	2	250	2	347	2	55	1
Personal and Culinary Services	-	-	-	-	-	-	-	-
Education	1,405	4	397	3	618	4	390	6
Engineering	1,175	3	409	3	677	4	89	1
Foreign Languages, Literature, and Linguistics	1,041	3	490	4	536	3	16	a
Health Professions and Related Clinical Sciences	3,608	10	311	2	717	5	2,581	38
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-	-	-
Legal Professions and Studies	1,337	4	218	2	133	1	987	15
English Language and Literature/Letters	1,235	4	884	7	315	2	36	1
Liberal Arts and Sciences, General Studies and Humanities	1,691	5	1,178	9	506	3	7	a
Library Science	-	-	-	-	-	-	-	-
Biological and Biomedical Sciences	725	2	256	2	420	3	48	1
Mathematics and Statistics	1,475	4	1,034	8	417	3	23	a
Military Technologies	-	-	-	-	-	-	-	-
Multi/Interdisciplinary Studies	55	a	38	a	13	a	4	a
Parks, Recreation, Leisure, and Fitness Studies	1,542	4	440	3	1,010	7	92	1
Personal and Social Development	-	-	-	-	-	-	-	-
Philosophy and Religion/Theology	642	2	312	2	300	2	31	a
Physical Sciences	1,573	4	809	6	679	4	85	1
Psychology	1,501	4	525	4	753	5	222	3
Security and Protective Services/ Public Administration and Services	1,174	3	177	1	533	3	465	7
Social Sciences and History	2,924	8	1,526	12	1,286	8	112	2
Trade and Industrial	-	-	-	-	-	-	-	-
Visual and Performing Arts	2,299	7	956	7	1,070	7	273	4
Other								
Total²	35,066	100	12,764	100	15,532	100	6,770	100

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, 2016; 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?v=55> U.S. Department of Education, National Center for Education Statistics.

Table 3E
STATE-OWNED UNIVERSITIES
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2014-15

CIP Classification	Total	Percent of Total	Undergraduate				Graduate	Percent of Total
			Lower Division	Percent of Total	Upper division	Percent of Total		
Agriculture	227	a	178	a	43	a	6	a
Architecture and Related Services	36	a	2	a	28	a	7	a
Area, Ethnic, Cultural and Gender Studies	663	1%	337	1%	323	1%	4	a
Business	10,283	10	3,160	6	6,176	19%	946	9%
Communications	4,324	4	2,901	5	1,305	4	118	1
Computer and Information Sciences and Support Services	1,931	2	1,252	2	592	2	87	1
Personal and Culinary Services	172	a	111	a	60	a	-	-
Education	9,617	10	2,247	4	4,151	13	3,220	29
Engineering	622	1	194	a	315	1	114	1
Foreign Languages, Literature and Linguistics	2,002	2	1,621	3	328	1	53	a
Health Professions and Related Clinical Sciences	7,458	7	2,017	4	3,395	10	2,046	19
Family and Consumer Sciences/ Human Sciences	570	1	201	a	325	1	44	a
Technology Education/Industrial Arts	652	1	224	a	351	1	77	1
Legal Professions and Studies	307	a	198	a	71	a	38	a
English Language and Literature/Letters	6,610	7	4,991	9	1,436	4	184	2
Liberal Arts and Sciences, General Studies and Humanities	144	a	104	a	40	a	-	-
Library Science	23	a	18	a			4	a
Biological and Biomedical Sciences	4,315	4	3,087	6	1,124	3	103	1
Mathematics and Statistics	5,585	6	4,854	9	611	2	120	1
Military Technologies	129	a	92	a	37	a	1	a
Multi/Interdisciplinary Studies	618	1	433	1	167	1	18	a
Parks, Recreation, Leisure and Fitness Studies	3,832	4	1,189	2	1,509	5	1,134	10
Personal and Social Development	1,354	1	1,241	2	111	a	2	a
Philosophy and Religion/Theology	1,884	2	1,563	3	293	1	28	a
Physical Sciences	6,708	7	5,397	10	1,050	3	261	2
Psychology	6,192	6	3,240	6	2,240	7	712	6
Security and Protective Services/ Public Administration and Services	4,631	5	1,508	3	1,917	6	1,207	11
Social Sciences and History	12,543	13	8,864	16	3,368	10	312	3
Trade and Industrial	3	a	-	-	3	a	-	-
Visual and Performing Arts	6,103	6	4,194	8	1,726	5	183	2
Other	367	a	262	a	100	a	5	a
Total²	99,905	100	55,680	100	33,196	100	11,029	100

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 the State-related Universities, 2016; 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 CONFERRED¹
2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

University	Total				Undergraduate				Graduate ²				
	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	
State-related													
Lincoln	383	21	6%	-8%	286	23	9%	-2%	97	-2	-2%	-16%	
Penn State	19,900	415	2	2	15,934	318	2	2	3,966	97	3	4	
Pittsburgh	8,972	-61	-1	1	5,411	-119	-2	-1	3,561	58	2	2	
Temple	8,760	118	1	1	6,277	125	2	2	2,483	-7	a	a	
Total	38,015	493	1	2	27,908	347	1	1	10,107	146	1	2	
State-owned													
Bloomsburg	1,981	-253	-11	-1	1,709	-217	-11	1	272	-36	-12	-7	
California	2,332	-31	-1	a	1,368	-43	-3	a	964	12	1	-1	
Cheyney	167	18	12	a	487	14	10	3	13	4	44	-8	
Clarion	1,205	-8	1	-4	-13	35	4	-1	292	-27	-8	-9	
East Stroudsburg	1,523	-11	-1	1	1,261	-45	-3	3	262	34	15	-4	
Edinboro	1,359	-74	-5	-2	961	-60	-6	a	398	-14	-3	-6	
Indiana	3,239	-7	a	2	2,443	-123	-5	3	796	116	17	1	
Kutztown	2,105	-54	-3	1	1,850	-56	-3	1	255	2	1	2	
Lock Haven	1,077	27	3	4	923	28	3	3	154	-1	-1	11	
Mansfield	612	-4	-1	-3	520	-33	-6	-1	92	29	46	-6	
Millersville	1,702	23	1	-1	1,453	24	2	-1	249	-1	a	-3	
Shippensburg	1,573	-19	-1	-1	1,203	-48	-4	-1	370	29	9	1	
Slippery Rock	2,093	3	a	2	1,672	-79	-5	2	421	82	24	4	
West Chester	4,131	55	1	4	3,407	24	1	5	724	31	4	2	
Total	25,099	-319	-1	1	19,837	-579	-3	1	5,262	260	5	-2	
All universities	63,114	174	a	1	47,745	-232	a	1	15,369	406	3	1	

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, Bloomsburg, East Stroudsburg, Indiana, Slippery Rock, and West Chester.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2010 to 2016.

Table 5
NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY
FALL 2015, AND PERCENTAGE CHANGE FROM FALL 2014

University	Full-time employed faculty ¹	Average weekly hours ²										Total work-week	Percent change
		Student contact				Instructional support ³	Percent change	Research	Percent change	Other university service ⁴	Percent change		
		Undergraduate	Percent change	Graduate	Percent change								
State-related													
Lincoln	98	10.2	14%	1.3	-10%	17.1	-11%	9.1	-9%	9.5	-21%	47.2	-9%
Penn State	4,119	9.8	-3	2.8	a	14.5	-1	14.5	-3	8.0	a	49.7	-1
Pittsburgh	2,005	5.1	3	2.6	a	14.3	2	21.5	-2	9.9	2	53.4	a
Temple	1,342	5.1	-2	2.6	a	8.9	-59	13.2	1	16.4	78	46.2	-11
Total	7,564	7.7	a	2.7	a	13.5	-14	16.1	-1	10.0	17	50.1	-2
State-owned													
Bloomsburg	435	11.6	4	1.1	8	18.4	a	8.7	a	16.4	4	56.2	2
California	101	10.5	3	1.7	-20	20.4	6	6.9	8	19.0	17	58.6	8
Cheyney	40	9.2	5	0.7	238	14.5	457	10.0	na	16.5	52	50.8	127
Clarion	175	9.2	-4	1.4	-9	17.6	-2	6.4	-3	12.6	3	47.1	-1
East Stroudsburg	310	12.1	16	1.6	a	16.4	16	7.9	11	17.8	3	55.7	10
Edinboro	246	10.7	-6	2.4	-2	19.7	4	7.7	-1	13.6	2	54.0	1
Indiana	647	9.3	-4	1.9	4	18.1	-2	9.0	4	20.4	2	58.7	a
Kutztown	415	9.9	-8	0.8	-6	14.6	-9	6.6	-15	14.7	-8	46.6	-9
Lock Haven	232	10.0	-1	0.8	12	18.7	a	6.5	1	17.2	-2	53.2	-1
Mansfield	167	17.3	-10	1.0	1	18.3	-9	7.1	a	17.9	-14	61.6	-10
Millersville	322	10.3	-4	1.0	a	16.9	a	8.1	4	17.5	-2	53.8	-1
Shippensburg	293	9.3	3	0.9	-7	16.4	-2	8.4	6	19.1	12	54.2	5
Slippery Rock	371	10.6	-4	1.2	16	18.4	6	7.9	-3	17.3	-2	55.3	a
West Chester	650	10.6	-1	2.0	9	17.4	2	10.9	-3	17.6	3	58.5	a
Total	4,404	10.6	-1	1.4	-2	17.5	a	8.3	1	17.3	2	55.1	1
All universities	11,968	8.7	a	2.2	a	14.8	-9	13.3	-1	12.5	9	51.5	-2

1. The number of full-time employed faculty represents 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, 2014 to 2015

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK¹
2015-16
(Dollars in thousands)

University	FTE		Average		Professor		Associate professor		Assistant professor		Instructor		No rank ²	
	Instructional faculty		Instructional salary											
	Number	Percent Change 2014-15 to 2015-16	Amount	Percent Change 2014-15 to 2015-16	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
State-related														
Lincoln	153	37%	\$52.6	-8%	\$88.9	33%	\$64.8	24%	\$54.1	22%	\$20.7	12%	\$51.1	9%
Penn State	4,974	1	78.4	3	130.5	29	90.5	20	76.9	14	55.5	14	58.1	24
Pittsburgh	2,188	4	65.3	-2	119.1	28	77.7	21	62.9	21	34.0	8	58.5	21
Temple	1,876	1	52.6	-12	121.0	36	76.0	29	38.2	20	26.5	9	18.2	7
Total	9,191	2	69.5	-5	125.3	30	83.8	22	61.1	16	44.2	12	52.4	20
State-owned														
Bloomsburg	481	a	72.0	a	98.8	36	78.4	24	62.3	26	46.4	14	na	na
California	354	-2	63.2	-21	94.4	36	73.5	28	58.3	21	43.4	14	6.6	1
Cheyney	59	-20	58.7	13	88.3	33	70.5	28	51.0	19	35.6	20	na	na
Clarion	239	-5	78.7	1	105.2	44	82.2	22	66.3	20	48.6	13	na	na
East Stroudsburg	325	7	76.0	-21	99.4	40	83.9	32	62.3	12	45.9	15	na	na
Edinboro	376	3	72.4	-7	102.8	38	80.1	25	62.0	23	42.9	14	na	na
Indiana	692	a	71.2	-7	93.1	31	80.0	30	61.7	28	46.3	10	44.3	1
Kutztown	455	a	70.6	-3	95.0	30	75.1	38	57.4	25	45.1	7	45.5	a
Lock Haven	230	-7	81.5	-1	99.5	45	80.9	29	66.0	21	47.4	4	na	na
Mansfield	256	-6	29.4	-8	39.6	19	40.1	22	28.6	41	19.2	18	na	na
Millersville	395	-1	73.3	-1	98.5	34	79.2	32	62.0	22	45.5	12	na	na
Shippensburg	345	-4	80.9	1	99.8	41	81.9	36	68.0	16	44.4	6	na	na
Slippery Rock	400	a	72.7	-3	96.0	30	72.0	29	76.7	33	32.8	7	37.8	1
West Chester	843	3	71.1	9	98.8	31	80.6	25	66.7	27	45.6	18	30.5	a
Total	5,450	a	70.9	-3	96.5	35	77.6	29	61.5	24	42.9	12	21.8	a
All universitie	14,641	1	70.1	-2	111.5	32	80.9	25	61.3	19	43.7	12	50.1	13

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 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 non-ranked faculty members is based on the time spent in 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, 2015 to 2016.

Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL¹
 2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

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
State-related												
Lincoln	\$3,743	9%	3%	\$6,508	53%	21%	\$4,434	21%	7%	\$5,091	41%	38%
Penn State	3,952	4	15	4,395	2	2	4,163	3	8	6,591	1	-2
Pittsburgh	2,869	2	5	4,704	1	4	3,505	2	5	5,226	2	a
Temple	2,131	13	a	2,889	-12	-4	2,547	-12	-2	4,228	-19	-3
Total	3,370	4	10	4,167	3	2	3,741	4	6	5,969	-1	2
State-owned												
Bloomsburg	2,632	1	1	5,725	6	3	3,517	3	2	6,979	-2	9
California	2,382	-21	2	3,612	-22	1	2,955	-21	1	3,118	-21	4
Cheyney	3,862	30	4	5,612	11	-2	4,628	25	2	9,113	27	-2
Clarion	3,344	3	2	5,091	-1	a	3,993	2	2	5,007	-7	2
East Stroudsburg	2,502	-2	18	6,130	-1	5	3,731	-1	1	7,333	-19	10
Edinboro	3,127	-4	3	6,752	2	7	4,443	-2	3	5,373	-7	4
Indiana	2,403	-4	1	5,015	-3	-1	3,271	-3	a	6,374	-8	3
Kutztown	2,944	a	8	4,703	a	a	3,769	a	4	4,982	-3	-3
Lock Haven	3,923	6	8	5,005	2	2	4,279	5	6	3,317	-14	a
Mansfield	2,818	-4	1	3,857	-4	-4	3,308	-3	-2	5,102	4	12
Millersville	3,494	1	3	4,666	a	a	3,957	1	2	5,517	-2	6
Shippensburg	2,897	-1	2	6,187	a	5	3,938	a	2	8,035	-3	9
Slippery Rock	2,385	-4	-4	4,738	-4	2	3,309	-4	a	4,039	-2	2
West Chester	2,685	10	a	4,929	10	2	3,556	10	1	6,604	9	5
Total	2,787	-1	1	5,055	-1	1	3,634	a	1	5,417	-5	4
All universities	3,065	a	8	4,404	-1	2	3,639	a	3	5,769	-3	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. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2010 to 2016.

Table 8A
 LINCOLN UNIVERSITY
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2015-16

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	-	-	-	-	-	-
Architecture and Related Services	-	-	-	-	-	-
Area, Ethnic, Cultural, and Gender Studies	1,794	3,492	2,141	-	-	-
Business	3,137	4,045	3,821	5,340	-	-
Communications	3,517	4,148	3,897	-	-	-
Computer and Information Sciences and Support Services	3,951	5,293	4,366	-	-	-
Personal and Culinary Services	-	-	-	-	-	-
Education	2,736	17,572	10,966	3,879	-	-
Engineering	-	-	-	-	-	-
Foreign Languages, Literature, and Linguistics	3,481	9,577	4,208	-	-	-
Health Professions and Related Clinical Sciences	5,905	10,473	7,562	-	-	-
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-
Legal Professions and Studies	-	-	-	-	-	-
English Language and Literature/Letters	3,118	4,985	3,265	-	-	-
Liberal Arts and Sciences, General Studies and Humanities	-	-	-	-	-	-
Library Science	-	-	-	-	-	-
Biological and Biomedical Sciences	4,170	10,086	5,176	-	-	-
Mathematics and Statistics	3,178	8,392	3,298	-	-	-
Military Technologies	26,250	26,250	26,250	-	-	-
Multi/Interdisciplinary Studies	-	-	-	-	-	-
Parks, Recreation, Leisure, and Fitness Studies	-	-	-	-	-	-
Personal and Social Development	-	-	-	-	-	-
Philosophy and Religion/Theology	3,146	14,458	3,770	4,170	-	-
Physical Sciences	4,887	18,157	5,934	-	-	-
Psychology	2,451	3,558	2,963	3,817	-	-
Security and Protective Services/ Public Administration and Services	2,728	4,651	3,779	3,092	-	-
Social Sciences and History	3,624	6,267	4,556	7,430	-	-
Trade and Industrial	-	-	-	-	-	-
Visual and Performing Arts	4,096	9,742	4,480	-	-	-
Other	9,332	41,038	10,404	-	-	-
Total	3,743	6,508	4,434	5,091	-	-

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. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by Lincoln University, 2016; 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 STUDENT¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2015-16

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	3,352	4,180	3,942	10,148	-	12,247
Architecture and Related Services	4,593	8,525	6,670	15,650	-	20,035
Area, Ethnic, Cultural, and Gender Studies	3,424	3,840	3,603	11,621	-	10,967
Business	3,453	4,908	4,426	6,140	-	10,866
Communications	3,453	4,113	3,760	10,617	-	3,942
Computer and Information Sciences and Support Services	5,279	5,415	5,358	7,403	-	7,089
Personal and Culinary Services	-	-	-	-	-	-
Education	7,049	6,081	6,413	6,233	-	13,714
Engineering	6,032	5,214	5,423	7,722	-	8,669
Foreign Languages, Literature, and Linguistics	3,827	4,222	3,986	6,496	-	6,473
Health Professions and Related Clinical Sciences	4,720	4,852	4,815	5,823	-	10,469
Family and Consumer Sciences/ Human Sciences	2,795	3,178	3,004	2,866	-	6,834
Technology Education/Industrial Arts	-	-	-	-	-	-
Legal Professions and Studies	-	8,748	8,748	36,183	8,671	17,326
English Language and Literature/Letters	4,143	4,339	4,211	6,377	-	3,655
Liberal Arts and Sciences, General Studies and Humanities	6,383	6,205	6,326	31,607	-	10,196
Library Science	-	9,330	9,330	-	-	-
Biological and Biomedical Sciences	3,729	3,558	3,655	9,728	-	8,895
Mathematics and Statistics	2,905	3,179	2,950	3,023	-	3,684
Military Technologies	-	-	-	-	-	-
Multi/Interdisciplinary Studies	9,595	10,495	9,796	10,241	-	-
Parks, Recreation, Leisure, and Fitness Studies	4,229	3,373	3,709	5,568	-	7,484
Personal and Social Development	12,948	9,364	12,014	-	-	10,747
Philosophy and Religion/Theology	3,588	3,646	3,612	13,496	-	4,224
Physical Sciences	3,856	4,746	4,134	13,394	-	5,459
Psychology	3,119	5,131	4,095	8,500	-	6,025
Security and Protective Services/ Public Administration and Services	4,179	4,770	4,522	8,413	-	12,019
Social Sciences and History	3,171	4,361	3,603	6,896	-	8,998
Trade and Industrial	-	32,470	32,470	-	-	-
Visual and Performing Arts	3,713	3,948	3,821	11,582	-	6,001
Other						
Total	3,952	4,395	4,163	6,591	8,671	7,496

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. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by Pennsylvania State University, 2016; 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 STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2015-16

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	-	-	-	-	-	-
Architecture and Related Services	-	-	-	-	-	-
Area, Ethnic, Cultural, and Gender Studies	710	1,832	1,384	1,235	-	1,338
Business	3,193	4,274	3,930	3,744	15,922	28,375
Communications	-	-	-	-	-	-
Computer and Information Sciences and Support Services	3,455	2,650	3,241	4,780	-	25,182
Personal and Culinary Services	-	-	-	-	-	-
Education	3,786	6,833	5,390	4,141	-	10,857
Engineering	1,986	3,375	2,687	7,145	-	31,831
Foreign Languages, Literature, and Linguistics	3,736	4,201	3,851	6,871	-	37,812
Health Professions and Related Clinical Sciences	2,914	4,471	4,042	5,457	1,910	27,710
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-
Legal Professions and Studies	-	14,767	14,767	30,337	4,391	-
English Language and Literature/Letters	3,203	4,982	3,607	6,110	-	7,115
Liberal Arts and Sciences, General Studies and Humanities	-	-	-	-	-	-
Library Science	16,312	6,098	12,505	11,329	-	79,280
Biological and Biomedical Sciences	2,461	5,118	3,393	4,413	-	16,995
Mathematics and Statistics	2,573	3,207	2,691	6,869	-	8,917
Military Technologies	-	-	-	-	-	-
Multi/Interdisciplinary Studies	4,697	7,356	5,663	4,249	-	9,976
Parks, Recreation, Leisure, and Fitness Studies	-	-	-	-	-	-
Personal and Social Development	-	-	-	-	-	-
Philosophy and Religion/Theology	2,757	4,658	3,258	15,455	-	69,164
Physical Sciences	2,603	8,590	3,224	6,485	-	17,718
Psychology	1,334	4,536	2,236	5,998	-	20,602
Security and Protective Services/ Public Administration and Services	3,093	3,541	3,433	4,309	9,384	11,324
Social Sciences and History	2,309	4,526	2,960	12,357	-	24,831
Trade and Industrial	-	-	-	-	-	-
Visual and Performing Arts	2,893	6,365	3,448	10,937	-	38,712
Other	-	-	-	-	-	-
Total	2,869	4,704	3,505	5,226	2,107	21,762

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. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by Pittsburgh University, 2016; 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 STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2015-16

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	-	-	-	-	-	-
Architecture and Related Services	1,442	2,607	2,122	5,298	-	3,998
Area, Ethnic, Cultural, and Gender Studies	1,427	2,401	1,848	6,042	-	9,033
Business	1,435	2,340	2,074	2,550	472	7,063
Communications	1,406	2,468	2,098	4,910	-	9,444
Computer and Information Sciences and Support Services	2,918	4,126	3,620	11,983	-	18,243
Personal and Culinary Services	-	-	-	-	-	-
Education	2,185	2,653	2,470	3,762	21,679	9,849
Engineering	2,132	2,515	2,371	8,734	-	19,131
Foreign Languages, Literature, and Linguistics	1,943	2,537	2,253	2,323	2,189	4,477
Health Professions and Related Clinical Sciences	2,846	4,183	3,778	7,770	1,228	5,442
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-
Legal Professions and Studies	2,760	3,772	3,144	5,227	7,570	-
English Language and Literature/Letters	2,425	2,411	2,422	5,137	-	4,111
Liberal Arts and Sciences, General Studies and Humanities	1,476	1,840	1,585	3,632	-	7,195
Library Science	-	-	-	-	-	-
Biological and Biomedical Sciences	890	2,909	2,144	6,478	-	23,064
Mathematics and Statistics	1,311	1,726	1,431	3,747	-	10,444
Military Technologies	-	-	-	-	-	-
Multi/Interdisciplinary Studies	899	1,391	1,028	1,161	-	622
Parks, Recreation, Leisure, and Fitness Studies	900	2,015	1,677	4,055	-	8,545
Personal and Social Development	-	-	-	-	-	-
Philosophy and Religion/Theology	1,831	2,504	2,162	7,157	-	10,261
Physical Sciences	1,615	2,073	1,824	13,440	-	15,088
Psychology	2,763	5,341	4,282	9,574	-	21,077
Security and Protective Services/ Public Administration and Services	2,016	2,642	2,486	3,267	-	6,036
Social Sciences and History	1,399	2,389	1,852	4,610	3,075	5,144
Trade and Industrial	-	-	-	-	-	-
Visual and Performing Arts	2,638	3,804	3,254	6,923	-	13,713
Other	-	-	-	-	-	-
Total	2,131	2,889	2,547	4,228	1,833	8,163

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. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by Temple University, 2016; 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 8E
STATE-OWNED UNIVERSITIES
AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2015 -16

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	2,819	4,095	3,229	12,346	-	-
Architecture and Related Services	4,982	6,235	6,155	6,430	-	-
Area, Ethnic, Cultural, and Gender Studies	3,101	3,698	3,393	15,040	-	-
Business	2,232	3,377	2,989	4,506	-	57,433
Communications	2,635	5,224	3,438	9,051	-	-
Computer and Information Sciences and Support Services	3,134	5,223	3,804	7,481	-	-
Personal and Culinary Services	-	-	-	-	-	-
Education	2,618	5,350	4,390	4,528	-	2,203
Engineering	3,103	5,364	4,503	3,467	-	3,247
Foreign Languages, Literature, and Linguistics	3,509	5,836	3,900	8,795	-	142,785
Health Professions and Related Clinical Sciences	3,520	4,911	4,392	4,939	-	-
Family and Consumer Sciences/ Human Sciences	2,098	3,241	2,805	5,449	-	-
Technology Education/Industrial Arts	3,753	5,712	4,950	8,005	-	-
Legal Professions and Studies	636	1,500	865	1,340	-	-
English Language and Literature/Letters	3,594	4,974	3,902	9,103	-	-
Liberal Arts and Sciences, General Studies and Humanities	8,431	15,222	10,304	120,634	-	-
Library Science	4,804	-	4,804	9,071	-	-
Biological and Biomedical Sciences	2,738	7,285	3,952	19,005	-	-
Mathematics and Statistics	2,939	6,195	3,303	7,554	-	-
Military Technologies	-	-	-	-	-	-
Multi/Interdisciplinary Studies	3,680	8,681	5,074	7,381	-	-
Parks, Recreation, Leisure, and Fitness Studies	2,393	4,207	3,408	2,619	-	-
Personal and Social Development	3,554	3,878	3,581	9,905	-	-
Philosophy and Religion/Theology	2,427	4,371	2,734	7,856	-	-
Physical Sciences	2,956	8,613	3,878	5,483	-	-
Psychology	2,307	4,334	3,136	6,426	-	6,832
Security and Protective Services/ Public Administration and Services	2,540	3,651	3,162	4,227	-	2,833
Social Sciences and History	2,277	4,981	3,021	10,932	-	-
Trade and Industrial	26,590	4,924	6,184	-	-	-
Visual and Performing Arts	3,495	8,382	4,920	13,571	-	-
Other	13,224	22,742	15,844	13,506	-	-
Total	2,787	5,055	3,634	5,417	-	8,122

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. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by the State-owned Universities, 2016; 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 LEVEL¹
 2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

University	Undergraduate									Master's		
	Lower division			Upper division			Total undergraduate			Percent change		
	Class size	Percent change		Class size	Percent change		Class size	Percent change		Class size	One-year	Five-year average
	One-year	Five-year average	One-year	Five-year average	One-year	Five-year average	One-year	Five-year average	One-year	Five-year average	Five-year average	
State-related												
Lincoln	19	27%	8%	14	a	28%	17	13%	18%	12	a	22%
Penn State	32	a	1	28	4%	2	30	a	1	15	a	2
Pittsburgh	29	-3	-1	23	-4	-1	27	a	-1	17	a	-1
Temple	33	3	2	26	a	1	29	a	2	16	14	3
Total	31	a	a	27	4	2	29	a	1	16	7	a
State-owned												
Bloomsburg	30	-3	-2	19	-5	a	26	-4	-1	11	10	-1
California	33	-6	-3	24	a	a	28	-3	-1	21	-5	-3
Cheyney	19	-17	-7	14	a	8	16	-16	-5	7	-13	a
Clarion	25	-4	-4	18	6	1	22	a	-2	14	a	1
East Stroudsburg	37	-10	4	19	-21	-2	29	-15	2	14	a	-1
Edinboro	27	-4	-1	19	-5	-3	24	-4	-2	19	a	2
Indiana	32	a	-1	19	-5	-1	26	-4	-1	11	a	-2
Kutztown	32	-3	-3	20	a	1	25	-4	-2	15	a	7
Lock Haven	27	-7	-1	21	-5	1	24	-8	-1	25	14	a
Mansfield	25	-7	-1	18	-10	2	21	-9	-1	10	-17	-9
Millersville	27	a	-2	20	a	-3	24	a	-3	14	8	-2
Shippensburg	31	3	-1	21	a	a	27	4	a	11	10	-2
Slippery Rock	32	-3	a	19	a	-2	25	a	-1	17	a	1
West Chester	30	-3	a	19	6	2	24	a	a	12	a	a
Total	30	-3	-1	19	-5	a	25	-4	-1	15	7	1
All universities	30	-3	-1	24	a	1	27	a	-1	15	a	a

1. 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, 2010 to 2016.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE
2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

University	Undergraduate						Graduate ¹					
	In-State			Out-of-State			In-State			Out-of-State		
	Tuition and required fees	Percent change		Tuition and required fees	Percent change		Tuition and required fees	Percent change		Tuition and required fees	Percentage change	
One-year		Five-year average	One-year		Five-year average	One-year		Five-year average	One-year		Five-year average	
State-related												
Lincoln	\$10,878	6%	5%	\$16,398	5%	4%	\$11,420	a	2%	\$18,950	a	2%
Penn State ²	17,514	a	3	31,346	3	15	20,270	3%	3	34,084	3%	3
Pittsburgh ²	18,192	2	4	28,958	3	4	22,060	2	4	35,744	3	3
Temple	15,188	3	4	25,494	3	3	16,144	6	2	21,832	6	a
Average	15,443	3	4	25,549	3	6	17,474	3	3	27,653	3	2
State-owned												
Bloomsburg	9,326	5	5	20,144	4	4	11,750	4	6	16,450	4	5
California	9,936	4	4	14,069	4	4	11,707	4	4	15,937	4	3
Cheyney	9,344	3	4	14,162	3	-2	8,982	3	2	12,798	3	1
Clarion	10,190	4	6	14,660	7	2	12,222	-22	7	16,452	-22	5
East Stroudsburg	9,684	3	4	20,502	3	4	10,922	3	5	15,152	3	3
Edinboro	9,536	3	4	10,176	-23	a	10,769	3	4	14,999	3	2
Indiana	9,936	5	6	21,835	4	6	11,174	7	5	15,404	6	4
Kutztown	9,411	3	4	20,229	3	4	10,219	4	4	14,449	4	3
Lock Haven	9,380	1	4	18,050	2	5	11,328	3	5	15,558	3	3
Mansfield	9,806	3	4	20,624	3	4	10,504	5	5	14,734	4	3
Millersville ³	10,918	6	7	20,336	5	4	10,868	4	4	15,098	4	3
Shippensburg	10,052	3	5	19,106	3	3	10,926	3	5	15,156	3	3
Slippery Rock	9,645	4	5	13,175	2	4	11,575	4	4	15,373	1	2
West Chester	9,462	3	4	20,280	4	4	10,772	4	5	15,002	4	3
Average	9,759	4	5	17,668	2	3	10,980	1	4	15,183	1	3

1. Excludes first-professional level.

2. Main campus data only.

3. Effective fall 2014, in-state undergraduate tuition for Millersville is charged per credit. The tuition listed reflects a 30 credit year.

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

Table 11
 TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
 2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

University	Total tuition and fee revenues			Tuition and 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
State-related							
Lincoln	\$24,916	7%	-1%	\$13,905	\$685	5%	5%
Penn State	1,743,309	2	4	19,843	228	1	2
Pittsburgh	723,331	2	4	21,282	504	2	4
Temple	838,118	8	7	23,901	1,395	6	7
Total	3,329,674	4	5	20,981	548	3	4
State-owned							
Bloomsburg	97,758	2	4	10,490	407	4	5
California	78,819	1	1	10,571	349	3	5
Cheyney	7,514	-23	-10	10,421	892	9	1
Clarion	49,252	-1	a	10,766	393	4	7
East Stroudsburg	73,179	2	3	11,890	183	2	6
Edinboro	62,041	a	a	10,489	225	2	5
Indiana	143,714	a	4	11,063	426	4	7
Kutztown	85,310	1	2	10,198	413	4	5
Lock Haven	44,912	-3	1	10,007	333	3	5
Mansfield	21,408	-8	-3	9,555	255	3	4
Millersville	80,532	5	4	11,375	708	7	7
Shippensburg	65,605	a	2	10,202	327	3	5
Slippery Rock	86,899	5	5	9,929	394	4	5
West Chester	166,532	5	7	10,799	356	3	5
Total	1,063,475	1	3	10,644	390	4	4
All universities	4,393,149	3	4	16,987	562	3	5

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 - data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2010 to 2016; FTE students - data provided by the individual universities, 2010 to 2016.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
 2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 TO 2015-16)

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
State-related							
Lincoln	\$14,084	7%	2%	\$7,860	\$353	5%	8%
Penn State	224,816	5	-3	2,559	91	4	-5
Pittsburgh	139,885	5	-2	4,116	228	6	-2
Temple	146,913	21	-1	4,190	693	20	-1
Total	525,698	9	-2	3,313	253	8	-3
State-owned							
Bloomsburg	34,570	5	a	3,710	241	7	1
California	30,792	3	-1	4,130	214	5	3
Cheyney	13,068	1	-1	18,122	5,507	44	12
Clarion	24,056	4	-1	5,259	423	9	7
East Stroudsburg	24,128	9	a	3,920	324	9	2
Edinboro	26,563	3	a	4,491	230	5	5
Indiana	54,356	6	-1	4,184	384	10	2
Kutztown	34,314	4	-1	4,102	283	7	2
Lock Haven	23,413	10	2	5,216	771	17	6
Mansfield	16,828	2	-2	7,511	919	14	6
Millersville	32,145	7	-1	4,540	361	9	2
Shippensburg	28,348	a	-2	4,408	124	3	2
Slippery Rock	34,832	7	a	3,980	222	6	a
West Chester	50,735	6	a	3,290	119	4	-2
Total ²	428,146	5	a	4,285	293	7	2
All universities ²	953,844	7	-1	3,688	262	8	-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.

2. Excludes amount of instructional appropriations allocated to Office of the Chancellor and the System Reserve of the Pennsylvania State System of Higher Education.

a. Rounds to less than 1 percent.

SOURCE: Instructional appropriations - Governor's Executive Budget, 2010-11 to 2015-16; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2010 to 2016. FTE students- data provided by the individual universities, 2010 to 2016.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID
RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

University	Per FTE student			Ratio of instructional appropriations to total instructional revenues		
	Tuition and fee revenues	Instructional appropriations	Total instructional revenues	Percent	Percentage change	
					One-year	Five-year average
State-related						
Lincoln	\$13,905	\$7,860	\$21,766	36%	a	-6%
Penn State	19,843	2,559	22,402	11	2%	-6
Pittsburgh	21,282	4,116	25,397	16	a	-5
Temple	23,901	4,190	28,091	15	11	-7
Average	20,981	3,312	24,293	14	5	-6
State-owned						
Bloomsburg	10,490	3,710	14,200	26	2	-2
California	10,571	4,130	14,700	28	1	-1
Cheyney	10,421	18,122	28,543	63	11	4
Clarion	10,766	5,259	16,025	33	3	1
East Stroudsburg	11,890	3,920	15,811	25	6	-1
Edinboro	10,489	4,491	14,979	30	2	a
Indiana	11,063	4,184	15,248	27	4	-3
Kutztown	10,198	4,102	14,300	29	2	-2
Lock Haven	10,007	5,216	15,223	34	9	a
Mansfield	9,555	7,511	17,066	44	6	2
Millersville	11,375	4,540	15,915	29	1	-3
Shippensburg	10,202	4,408	14,611	29	1	-3
Slippery Rock	9,929	3,980	13,909	23	a	-5
West Chester	10,799	3,290	14,089	29	2	-2
Average ³	10,644	4,285	14,930	29	2	-2
All universities ³	16,987	3,688	20,676	18	3	-4

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.
3. Instructional appropriations exclude amount allocated to Office of the Chancellor and the System Reserve of the Pennsylvania State System of Higher Education.
- a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues - State-owned data provided by the Pennsylvania State System of Higher Education; 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

II. HISTORICAL DATA TABLES

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Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
2010-11 to 2015-16

University	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
State-related						
Lincoln						
Total	2,426	2,011	1,985	1,870	1,753	1,792
Undergraduate	1,828	1,499	1,615	1,558	1,536	1,602
Graduate	598	512	370	313	217	190
Penn State						
Total	79,694	79,556	83,801	85,004	86,760	87,856
Undergraduate	72,100	72,251	75,655	76,688	78,267	79,183
Graduate	7,594	7,306	8,146	8,316	8,493	8,673
Pittsburgh						
Total	34,284	34,244	34,238	34,153	34,264	33,988
Undergraduate	24,787	24,804	24,749	24,986	25,235	25,221
Graduate	9,497	9,440	9,489	9,167	9,029	8,767
Temple						
Total	35,038	34,544	34,290	34,611	34,639	35,066
Undergraduate	27,721	27,478	27,169	27,540	27,726	28,296
Graduate	7,317	7,066	7,121	7,071	6,914	6,770
State-owned						
Bloomsburg						
Total	9,805	9,733	9,528	9,644	9,504	9,319
Undergraduate	8,964	8,961	8,860	9,053	8,947	8,781
Graduate	841	772	668	591	557	538
California						
Total	9,016	8,969	8,102	7,853	7,606	7,457
Undergraduate	7,105	7,039	6,265	6,084	5,741	5,445
Graduate	1,911	1,329	1,837	1,769	1,865	2,011
Cheyney						
Total	1,276	1,202	1,248	1,161	1,030	721
Undergraduate	1,231	1,167	1,209	1,140	1,017	698
Graduate	45	35	39	21	13	23
Clarion						
Total	6,511	6,233	5,944	5,377	4,805	4,575
Undergraduate	5,800	5,471	5,237	4,805	4,305	4,026
Graduate	711	762	707	572	500	549
East Stroudsburg						
Total	6,887	6,592	6,030	6,280	6,148	6,155
Undergraduate	6,158	6,037	5,562	5,794	5,672	5,656
Graduate	729	555	468	486	476	499
Edinboro						
Total	7,396	7,114	6,630	6,243	6,028	5,915
Undergraduate	6,189	6,041	5,654	5,402	5,116	4,929
Graduate	1,207	1,073	976	841	911	986
Indiana						
Total	14,820	14,587	14,493	13,917	13,554	12,990
Undergraduate	13,207	13,012	12,871	12,399	12,002	114,229
Graduate	1,613	1,575	1,622	1,519	1,551	1,561
Kutztown						
Total	9,881	9,379	9,091	8,862	8,623	8,366
Undergraduate	9,260	8,939	8,716	8,431	8,186	7,885
Graduate	621	440	375	430	438	480
Lock Haven						
Total	5,397	5,260	5,199	5,121	4,775	4,488
Undergraduate	5,049	4,870	4,797	4,870	4,332	4,046
Graduate	348	390	402	436	443	442
Mansfield						
Total	3,194	2,935	2,774	2,698	2,515	2,241
Undergraduate	2,946	2,726	2,643	2,584	2,436	2,177
Graduate	248	210	131	114	78	64
Millersville						
Total	8,156	7,993	7,687	7,485	7,222	7,080
Undergraduate	7,379	7,283	7,052	6,889	6,631	6,481
Graduate	777	710	635	596	590	599
Shippensburg						
Total	7,599	7,421	7,062	6,884	6,618	6,431
Undergraduate	6,963	6,844	6,478	6,288	6,010	5,792
Graduate	636	577	584	596	609	639
Slippery Rock						
Total	8,827	8,773	8,677	8,541	8,680	8,752
Undergraduate	7,976	8,009	7,927	7,727	7,723	7,729
Graduate	851	764	750	814	957	1,023
West Chester						
Total	13,598	14,008	14,543	14,796	15,124	15,421
Undergraduate	12,045	12,546	13,137	13,336	13,558	13,801
Graduate	1,553	1,463	1,406	1,460	1,566	1,620

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, Bloomsburg, East Stroudsburg, Indiana, Slippery Rock, and West Chester includes first-professional (excluding medical schools) and/or doctor's levels.

SOURCE: Data provided by the individual universities, 2010 to 2016.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL¹
 TOTAL YEAR AND SUMMER 2010-11 to 2015-16
 (in thousands)

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
State-related											
Lincoln											
2010-11	37	14	51	13	na	na	13	64	1	1	2
2011-12	33	12	45	12	na	na	12	57	1	2	3
2012-13	36	13	49	9	na	na	9	58	1	1	2
2013-14	35	11	46	8	na	na	8	54	a	1	1
2014-15	33	13	46	5	na	na	5	51	a	a	a
2015-16	36	12	48	5	na	na	5	53	a	a	1
Penn State											
2010-11	1,288	875	2,163	72	19	92	183	2,346	95	16	111
2011-12	1,271	896	2,167	80	19	77	176	2,343	99	15	114
2012-13	1,219	1,050	2,269	100	17	79	196	2,465	138	19	157
2013-14	1,233	1,068	2,301	91	16	93	200	2,501	142	20	162
2014-15	1,257	1,091	2,348	94	16	94	204	2,552	145	20	165
2015-16	1,240	1,136	2,376	98	17	93	208	2,584	153	20	173
Pittsburgh											
2010-11	490	253	743	152	57	19	228	971	38	32	70
2011-12	491	254	745	149	57	21	227	972	39	33	72
2012-13	487	255	742	149	57	22	228	970	37	32	69
2013-14	490	259	749	144	53	22	219	968	38	31	69
2014-15	492	265	757	143	52	22	217	974	39	29	68
2015-16	494	262	756	139	49	22	210	966	38	28	66
Temple											
2010-11	366	566	932	77	71	27	175	1,107	53	20	73
2011-12	368	456	824	72	74	24	170	994	50	20	70
2012-13	356	459	815	72	74	25	171	986	46	21	67
2013-14	365	461	826	74	72	25	171	997	46	22	68
2014-15	370	462	832	72	70	24	166	998	45	22	67
2015-16	383	466	849	79	59	24	162	1,011	48	23	71
State-owned											
Bloomsburg											
2010-11	195	74	269	19	na	1	20	289	18	6	24
2011-12	193	76	269	17	na	2	19	288	17	5	22
2012-13	192	74	266	14	na	2	16	282	17	5	22
2013-14	194	77	271	13	na	1	14	285	16	4	20
2014-15	192	76	268	12	na	1	13	281	15	5	20
2015-16	188	75	263	12	na	1	13	276	14	4	18
California											
2010-11	116	97	213	46	na	na	46	259	13	15	28
2011-12	117	95	212	46	na	na	46	258	13	15	28
2012-13	101	87	188	44	na	na	44	232	12	14	26
2013-14	102	81	183	43	na	na	43	226	11	13	24
2014-15	95	78	173	45	na	na	45	218	10	13	23
2015-16	87	76	163	48	na	na	48	211	10	14	24
Cheyney											
2010-11	27	10	37	1	na	na	1	38	2	a	2
2011-12	23	12	35	1	na	na	1	36	1	a	1
2012-13	23	13	36	1	na	na	1	37	1	a	1
2013-14	21	14	34	a	na	na	a	34	1	a	1
2014-15	20	11	31	a	na	na	a	31	1	a	1
2015-16	12	9	21	1	na	na	1	22	a	a	a
Clarion											
2010-11	119	55	174	17	na	na	17	191	11	5	16
2011-12	111	53	164	18	na	na	18	182	10	5	15
2013-14	94	50	144	14	na	na	14	158	9	4	13
2014-15	84	46	130	12	na	na	12	142	8	3	11
2015-16	76	45	121	13	na	na	13	134	8	3	11
East Stroudsburg											
2010-11	124	61	185	17	na	1	18	203	9	5	14
2011-12	120	61	181	13	na	a	13	194	8	4	12
2012-13	112	55	167	11	na	a	11	178	6	3	9
2013-14	116	58	174	11	na	a	11	185	12	4	16
2014-15	113	57	170	11	na	a	11	181	11	a	11
2015-16	112	57	169	12	na	a	12	181	6	2	8
Edinboro											
2010-11	118	68	186	29	na	na	29	215	10	7	17
2011-12	114	67	181	26	na	na	26	207	9	6	15
2012-13	105	65	170	23	na	na	23	193	8	6	14
2013-14	99	64	163	20	na	na	20	183	7	5	12
2014-15	96	58	154	22	na	na	22	176	6	5	11
2015-16	94	54	148	24	na	na	24	172	6	6	12

Indiana												
2010-11	279	117	396	22	na	16	38	434	24	10	34	
2011-12	267	123	390	22	na	15	37	427	26	10	36	
2012-13	263	123	386	23	na	16	39	425	24	10	34	
2013-14	252	121	373	25	na	15	40	413	23	9	32	
2014-15	242	118	360	28	na	10	38	398	23	9	32	
2015-16	229	114	343	29	na	8	37	380	22	10	32	
Kutztown												
2010-11	145	131	276	17	na	na	17	293	9	3	12	
2011-12	150	119	269	11	na	na	11	280	9	2	11	
2012-13	146	116	262	9	na	na	9	271	8	2	10	
2013-14	138	115	253	10	na	na	10	263	8	2	10	
2014-15	131	114	245	11	na	na	11	256	8	2	10	
2015-16	126	111	237	12	na	na	12	249	7	2	9	
Lock Haven												
2010-11	108	42	150	8	na	na	8	158	9	2	11	
2011-12	105	41	146	9	na	na	9	155	8	3	11	
2012-13	103	41	144	10	na	na	10	154	8	2	10	
2013-14	99	42	141	10	na	na	10	151	6	3	9	
2014-15	90	40	130	11	na	na	11	141	7	3	10	
2015-16	81	40	121	11	na	na	11	132	6	3	9	
Mansfield												
2010-11	46	42	88	7	na	na	7	95	6	2	8	
2011-12	42	40	82	5	na	na	5	87	3	1	4	
2012-13	45	35	80	3	na	na	3	83	4	1	5	
2013-14	45	33	78	3	na	na	3	81	4	a	4	
2014-15	40	33	73	2	na	na	2	75	4	1	5	
2015-16	35	31	66	2	na	na	2	68	3	a	3	
Millersville												
2010-11	136	85	221	19	na	na	19	240	13	7	20	
2011-12	133	85	218	17	na	na	17	235	13	6	19	
2012-13	128	84	212	15	na	na	15	227	12	5	17	
2013-14	126	81	207	14	na	na	14	221	11	4	15	
2014-15	122	78	200	14	na	na	14	214	11	4	15	
2015-16	118	77	195	14	na	na	14	209	12	4	16	
Shippensburg												
2010-11	146	63	209	15	na	na	15	224	9	4	13	
2011-12	140	65	205	14	na	na	14	219	9	4	13	
2012-13	131	63	194	14	na	na	14	208	9	3	12	
2013-14	128	61	189	14	na	na	14	203	8	3	11	
2014-15	124	57	181	15	na	na	15	196	8	3	11	
2015-16	119	55	174	15	na	na	15	189	8	3	11	
Slippery Rock												
2010-11	148	91	239	15	na	6	21	260	15	5	20	
2011-12	146	94	240	12	na	6	18	258	15	5	20	
2012-13	144	94	238	12	na	6	18	256	15	5	20	
2013-14	138	94	232	14	na	6	20	252	14	5	19	
2014-15	139	93	232	17	na	6	23	255	14	5	19	
2015-16	141	91	232	18	na	6	24	256	14	7	21	
West Chester												
2010-11	227	134	361	37	na	na	37	398	23	8	31	
2011-12	234	142	376	35	na	na	35	411	22	7	29	
2012-13	242	152	394	34	na	na	34	428	20	6	26	
2013-14	245	155	400	35	na	a	35	435	21	6	27	
2014-15	248	159	407	37	na	a	37	444	21	6	27	
2015-16	253	161	414	38	na	1	39	453	21	7	28	

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

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

na. Not applicable.

SOURCE: Data provided by the individual universities, 2010 to 2016.

Historical Table 3

DEGREES CONFERRED¹
2010-11 to 2015-16

University	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
State-related						
Lincoln						
Total	580	453	452	439	362	383
Bachelor's	326	256	297	279	263	286
Graduate	254	197	155	160	99	97
Penn State						
Total	17,881	18,338	18,548	19,685	19,485	19,900
Bachelor's	14,649	14,930	15,009	15,924	15,616	15,934
Graduate	3,232	3,408	3,539	3,761	3,869	3,966
Pittsburgh						
Total	8,390	8,602	8,491	8,741	9,033	8,972
Bachelor's	5,227	5,361	5,354	5,414	5,530	5,411
Graduate	3,163	3,241	3,137	3,327	3,503	3,561
Temple						
Total	8,265	8,380	8,519	8,623	8,642	8,760
Bachelor's	5,826	5,962	6,075	6,151	6,152	6,277
Graduate	2,439	2,418	2,444	2,472	2,490	2,483
State-owned						
Bloomsburg						
Total	2,059	2,052	2,074	2,175	2,234	1,981
Bachelor's	1,670	1,668	1,704	1,869	1,926	1,709
Graduate	389	384	370	306	308	272
California						
Total	2,339	2,463	2,456	2,488	2,363	2,332
Bachelor's	1,348	1,469	1,470	1,510	1,411	1,368
Graduate	991	994	986	978	952	964
Cheyney						
Total	169	159	183	163	149	167
Bachelor's	138	142	162	153	140	154
Graduate	31	17	21	10	9	13
Clarion						
Total	1,497	1,392	1,424	1,447	1,197	1,205
Bachelor's	983	998	928	1,050	878	913
Graduate	514	394	496	397	319	292
East Stroudsburg						
Total	1,488	1,768	1,524	1,497	1,534	1,523
Bachelor's	1,136	1,453	1,240	1,290	1,306	1,261
Graduate	352	315	284	207	228	262
Edinboro						
Total	1,537	1,577	1,576	1,576	1,433	1,359
Bachelor's	986	982	1,057	1,115	1,021	961
Graduate	551	595	519	461	412	398
Indiana						
Total	2,943	2,935	3,165	3,158	3,122	3,239
Bachelor's	2,156	2,171	2,470	2,412	2,566	2,443
Graduate	787	764	695	746	556	796
Kutztown						
Total	2,030	2,104	2,113	1,991	2,159	2,105
Bachelor's	1,791	1,812	1,882	1,750	1,906	1,850
Graduate	239	292	231	241	253	255
Lock Haven						
Total	873	896	971	1,046	1,050	1,077
Bachelor's	781	798	845	891	895	923
Graduate	92	98	126	155	155	154
Mansfield						
Total	704	695	682	612	616	612
Bachelor's	554	561	559	530	553	520
Graduate	150	134	123	82	63	92
Millersville						
Total	1,838	1,804	1,718	1,780	1,679	1,702
Bachelor's	1,554	1,538	1,450	1,535	1,429	1,453
Graduate	284	266	268	245	250	249
Shippensburg						
Total	1,665	1,804	1,810	1,720	1,592	1,573
Bachelor's	1,293	1,408	1,459	1,421	1,251	1,203
Graduate	372	396	351	299	341	370
Slippery Rock						
Total	1,881	2,120	2,173	2,043	2,090	2,093
Bachelor's	1,526	1,778	1,846	1,727	1,751	1,672
Graduate	355	342	327	316	339	421
West Chester						
Total	2,984	3,328	3,691	3,973	4,076	4,131
Bachelor's	2,320	2,687	2,973	3,232	3,383	3,407
Graduate	664	641	718	741	693	724

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, Bloomsburg, Indiana, Slippery Rock, and West Chester.

Source: Data provided by the individual universities, 2010 to 2016.

Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL¹
FALL 2010 to FALL 2015

University	full-time employed faculty ²						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015
	State-related																	
Lincoln	111	106	100	94	82	98	11.4	11.9	10	10.3	9.0	10.2	1.2	1.0	0.4	1.2	1.4	1.3
Penn State	3,913	3,895	3,879	3,900	4,030	4,119	6.6	6.6	11.5	10.2	10.1	9.8	1.4	2.0	3.0	2.8	2.8	2.8
Pittsburgh	1,945	1,984	2,022	2,033	2,051	2,005	4.8	5.0	5	5.1	4.9	5.1	2.6	3.0	2.5	2.5	2.6	2.6
Temple	1,348	1,325	1,333	1,343	1,327	1,342	5.6	5.7	5.5	5.5	5.2	5.1	3.2	2.0	3.6	3.5	2.6	2.6
Total	7,317	7,310	7,334	7,370	7,490	7,564	6.0	6.0	8.5	7.9	7.7	7.7	2.1	2.0	2.9	2.8	2.7	2.7
State-owned																		
Bloomsburg	426	413	416	445	441	435	10.9	10.9	11.4	11.1	11.1	11.6	1.3	1.0	1.1	1.0	1.0	1.1
California	295	263	270	233	167	101	9.3	9.0	8.1	10.3	10.2	10.5	1.5	2.0	1.6	1.7	2.1	1.7
Cheyney	68	83	60	57	55	40	12.0	8.6	9.2	10.2	8.8	9.2	7.5	0.0	0.8	0.5	0.2	0.7
Clarion	284	267	235	328	211	235	10.4	10.0	9.0	9.9	9.6	9.2	1.4	1.0	1.5	1.2	1.5	1.4
East Stroudsburg	332	298	290	280	163	310	12.0	11.0	11.5	16.1	10.4	12.1	1.6	2.0	1.9	1.6	1.6	1.6
Edinboro	360	333	309	265	257	246	10.1	9.8	9.8	11.9	11.4	10.7	2.0	2.0	1.8	2.0	2.4	2.4
Indiana	700	662	674	664	667	647	9.5	9.7	9.6	9.5	9.7	9.3	1.9	2.0	1.9	1.8	1.8	1.9
Kutztown	452	435	448	437	418	415	12.2	11.2	9.5	9.9	10.8	9.9	0.8	1.0	0.6	0.7	0.8	0.8
Lock Haven	261	245	245	251	229	232	11.1	10.5	10.5	10.4	10.1	10.0	0.4	1.0	0.6	0.6	0.7	0.8
Mansfield	186	164	133	166	141	167	7.3	7.3	16.4	18.9	19.2	17.3	0.3	0.0	0.9	1.6	1.0	1.0
Millersville	317	306	309	310	316	322	10.2	10.4	10.5	10.5	10.7	10.3	1.0	1.0	0.9	0.9	1.0	1.0
Shippensburg	310	310	327	338	326	293	9.0	9.3	9.1	8.9	9.1	9.3	0.8	1.0	0.9	1.0	1.0	0.9
Slippery Rock	383	376	379	376	354	371	11.5	11.0	10.9	11.4	11.0	10.6	1.1	1.0	0.9	0.9	1.0	1.2
West Chester	525	574	549	600	621	650	10.4	10.3	10.6	10.6	10.7	10.6	1.7	2.0	1.7	1.8	1.8	2.0
Total	4,899	4,711	4,644	4,750	4,366	4,086	10.3	10.0	10.5	11.0	10.7	10.6	1.3	1.0	1.4	1.3	1.4	1.4
All Universities	12,216	12,021	11,978	12,120	11,856	11,700	7.6	7.5	9.4	9.1	8.7	8.7	1.8	2.0	2.2	2.2	2.2	2.2

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

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

SOURCE: Data provided by the individual universities, 2010 to 2015.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK ¹
2015-16, CHANGE FROM 2014-15 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2010-11 to 2015-16)

University	FTE instructional faculty	Average instructional salaries					
		All faculty	Professor	Associate Professor	Assistant Professor	Instructor	No rank ²
State-related							
Lincoln							
2010-11	101	67.7	79.4	70.4	74.0	36.2	48.3
2011-12	117	51.4	95.1	69.9	58.2	50.4	12.4
2012-13	111	61.5	113.7	79.4	79.2	70.9	53.6
2013-14	171	41.2	76.0	66.0	55.0	13.1	48.9
2014-15	112	57.3	68.8	62.8	56.1	19.8	49.4
2015-16	153	52.6	88.9	64.8	54.1	20.7	51.1
Penn State							
2010-11	4,398	69.4	115.3	85.7	71.9	43.6	47.3
2011-12	4,398	70.4	115.5	87.6	73.1	43.4	48.1
2012-13	6,362	72.7	115.4	82.8	71.1	50.0	62.4
2013-14	4,808	74.2	122.6	86.8	73.6	52.3	54.5
2014-15	4,907	76.1	127.3	87.5	74.4	53.1	56.2
2015-16	4,974	78.4	130.4	90.5	76.9	55.5	58.1
Pittsburgh							
2010-11	2,063	60.0	106.9	68.2	54.9	31.9	49.0
2011-12	2,063	60.7	109.0	70.0	56.9	32.1	47.6
2012-13	2,091	58.8	120.2	75.9	60.2	46.7	50.0
2013-14	2,112	64.8	115.8	74.5	61.1	32.9	52.5
2014-15	2,122	66.4	118.8	76.3	61.7	33.2	53.3
2015-16	2,188	65.3	119.1	77.7	63.0	34.0	50.4
Temple							
2010-11	1,885	65.8	120.6	84.9	57.9	40.4	40.4
2011-12	1,885	66.6	125.7	82.5	54.7	39.3	43.0
2015-16	1,828	69.8	120.2	84.3	59.5	40.2	43.6
2013-14	1,849	68.9	135.1	85.1	58.1	38.1	45.9
2014-15	1,857	59.6	128.5	80.5	44.8	31.6	27.5
2015-16	1,876	52.6	121.0	76.0	38.2	26.5	18.2
State-owned							
Bloomsburg							
2010-11	462	72.0	97.6	78.6	61.3	47.3	na
2011-12	462	70.3	97.3	79.2	61.1	47.9	na
2012-13	469	68.7	88.7	78.4	59.9	46.3	na
2013-14	477	70.3	98.4	78.5	62.0	46.2	na
2014-15	480	71.7	99.0	79.6	63.0	46.4	na
2015-16	481	72.0	98.8	78.3	62.3	46.4	na
California							
2010-11	345	76.1	100.7	77.0	69.1	51.2	75.0
2011-12	345	77.8	102.0	85.1	69.2	49.0	67.4
2012-13	344	75.3	107.8	85.5	71.8	46.4	70.4
2013-14	345	77.4	102.2	81.8	68.6	47.9	40.0
2014-15	362	79.7	106.6	83.7	67.7	48.1	86.5
2015-16	354	63.2	94.4	73.5	58.3	43.4	6.6
Cheyney							
2010-11	86	75.5	102.6	73.0	62.4	74.5	na
2011-12	86	75.5	102.6	73.0	62.4	74.5	na
2012-13	132	74.4	101.9	72.6	63.5	59.4	na
2013-14	250	21.0	26.4	19.3	17.5	20.1	21.6
2014-15	74	52.2	75.7	66.6	45.0	33.4	45.7
2015-16	59	58.7	88.3	70.5	51.0	35.6	na
Clarion							
2010-11	333	73.5	94.2	78.8	67.7	48.9	na
2011-12	463	50.6	78.4	53.2	42.9	27.6	na
2012-13	333	70.7	92.4	73.9	61.6	48.4	na
2013-14	287	77.4	101.6	79.6	70.8	51.8	na
2014-15	251	78.0	101.2	87.2	72.3	55.0	na
2015-16	239	78.7	105.2	82.2	66.3	48.6	na
East Stroudsburg							
2010-11	379	69.1	89.2	74.5	60.3	43.9	na
2011-12	315	73.2	96.3	77.2	63.4	44.6	na
2012-13	301	74.2	102.7	77.6	65.9	46.4	na
2013-14	300	76.5	106.4	79.0	72.8	36.7	na
2014-15	265	96.3	125.5	94.2	79.1	75.6	103.8
2015-16	325	76.0	99.4	83.9	62.3	45.9	na

Edinboro								
2010-11	404	71.6	96.2	74.4	61.5	44.6	49.5	
2011-12	388	72.4	96.4	77.7	65.0	44.3	68.3	
2012-13	379	73.2	96.2	77.6	65.0	44.1	na	
2013-14	382	72.9	98.9	78.3	63.2	41.6	na	
2014-15	364	77.8	104.6	86.8	67.3	44.5	46.8	
2015-16	376	72.4	102.8	79.7	62.0	43.0	na	
Indiana								
2010-11	733	74.6	98.2	76.8	60.1	49.0	45.0	
2011-12	741	75.0	98.8	80.4	58.9	45.1	44.0	
2012-13	711	80.5	119.0	90.9	59.9	47.2	na	
2013-14	696	79.9	112.2	86.1	60.0	50.0	57.7	
2014-15	695	76.2	103.6	84.9	61.7	47.4	47.0	
2015-16	692	71.2	93.1	80.0	61.7	46.3	44.3	
Kutztown								
2010-11	455	71.6	98.8	77.5	60.8	42.9	na	
2011-12	455	71.6	98.9	77.5	60.8	42.9	na	
2012-13	464	64.2	88.1	68.4	51.2	39.5	na	
2013-14	457	69.8	43.9	57.9	75.1	94.4	na	
2014-15	455	72.7	97.9	74.9	58.9	41.4	na	
2015-16	455	70.6	95.0	75.1	57.4	45.1	45.5	
Lock Haven								
2010-11	268	71.3	95.0	73.3	67.8	52.0	na	
2011-12	363	74.3	91.0	79.9	67.2	54.7	na	
2012-13	327	81.5	103.3	87.4	77.4	59.9	na	
2013-14	248	79.0	97.5	80.7	66.2	46.6	na	
2014-15	236	82.2	99.7	83.0	66.3	44.0	na	
2015-16	230	81.5	99.5	80.9	66.0	47.4	na	
Mansfield								
2010-11	172	70.1	98.3	80.9	63.9	50.9	na	
2011-12	161	72.6	98.6	82.9	65.3	50.4	na	
2012-13	156	83.8	99.6	82.8	64.5	51.2	na	
2013-14	278	39.7	58.8	46.3	36.5	26.7	na	
2014-15	272	32.1	42.5	35.3	29.9	25.2	61.6	
2015-16	256	29.4	39.6	40.1	28.6	19.2	na	
Millersville								
2010-11	414	74.3	98.0	79.4	61.7	44.3	na	
2011-12	378	72.0	95.9	77.2	60.5	44.9	na	
2012-13	395	70.9	95.2	77.7	59.4	44.4	na	
2013-14	393	70.5	95.8	77.5	60.3	44.0	na	
2014-15	397	74.0	99.5	80.4	62.7	45.1	na	
2015-16	395	73.3	98.5	79.2	62.0	45.5	na	
Shippensburg								
2010-11	374	75.7	99.6	79.1	65.0	42.0	19.0	
2011-12	380	74.1	91.1	76.5	63.4	41.4	na	
2012-13	378	76.5	101.6	81.5	67.7	45.0	na	
2013-14	369	77.3	98.4	79.4	66.1	43.0	na	
2014-15	359	80.1	102.9	84.6	69.8	45.8	na	
2015-16	345	80.9	99.8	81.9	68.0	44.4	na	
Slippery Rock								
2010-11	404	74.2	96.4	80.5	65.3	48.9	na	
2011-12	397	75.6	100.7	83.4	66.5	52.7	na	
2012-13	396	74.5	96.5	73.8	70.4	54.5	na	
2013-14	394	77.7	100.2	76.5	71.5	54.9	na	
2014-15	399	75.2	99.9	72.2	67.6	57.3	58.8	
2015-16	400	72.7	96.0	71.9	76.7	32.8	37.8	
West Chester								
2010-11	723	68.4	97.1	78.0	65.0	43.2	27.3	
2011-12	745	67.9	96.9	78.5	64.4	43.1	25.2	
2012-13	775	67.8	99.7	83.3	68.5	44.7	na	
2013-14	796	69.2	97.8	78.6	65.5	44.3	51.1	
2014-15	821	64.9	91.4	71.7	59.7	44.6	23.9	
2015-16	843	71.1	98.8	80.6	66.7	45.6	30.5	

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, 2010 to 2016.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL¹
2010-11 to 2015-16

University	Lower division						Upper division						Total undergraduate						Master's					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
State-related																								
Lincoln	\$3,186	2,933	\$3,010	\$3,137	\$3,360	\$3,743	\$3,517	\$5,053	\$3,440	\$5,775	\$4,131	\$6,508	\$3,277	\$3,363	\$3,086	\$3,781	\$3,582	\$4,434	\$1,445	\$3,150	\$4,985	\$3,763	\$4,266	\$5,091
Penn State	2,063	3,093	4,555	3,694	3,796	3,952	3,984	4,193	4,101	4,233	4,325	4,395	2,840	3,548	3,120	3,944	4,042	4,163	7,343	6,592	6,972	6,517	6,510	6,591
Pittsburgh	2,227	2,467	2,502	2,724	2,812	2,869	3,865	4,258	4,299	4,657	4,636	4,704	2,785	3,077	3,218	3,392	3,451	3,505	5,197	4,539	4,822	5,012	5,103	5,226
Temple	2,224	2,668	3,222	2,791	2,438	2,131	3,578	3,763	3,920	3,864	3,278	2,889	2,982	3,724	3,615	3,390	2,905	2,547	5,486	5,884	4,199	5,680	5,211	4,228
Total	2,147	2,772	3,219	3,316	3,239	3,257	3,843	4,048	3,989	4,250	4,049	4,026	2,867	3,300	3,375	3,744	3,611	3,615	5,584	5,356	5,350	6,178	6,054	5,969
State-owned																								
Bloomsburg	2,580	2,303	2,720	2,455	2,598	2,632	5,015	5,015	4,309	5,252	5,420	5,725	3,252	3,071	3,198	3,252	3,400	3,517	4,644	6,497	6,419	6,913	7,148	6,979
California	2,379	2,025	2,550	2,572	3,008	2,382	3,668	3,899	3,820	4,143	4,641	3,612	2,967	2,863	3,141	3,264	3,744	2,955	2,744	3,097	3,383	3,870	3,951	3,118
Cheyney	3,516	4,262	4,082	4,201	2,975	3,862	7,784	7,747	3,902	4,832	5,069	5,612	4,647	5,172	4,060	4,451	3,707	4,628	14,786	15,916	6,624	8,935	7,191	9,113
Clarion	2,976	3,167	3,034	3,291	3,242	3,344	5,137	5,824	5,780	5,261	5,161	5,091	3,656	4,090	3,910	3,973	3,920	3,993	4,642	4,553	4,327	5,466	5,400	5,007
East Stroudsburg	2,670	1,163	3,049	2,343	2,542	2,502	5,725	7,123	4,394	5,345	6,220	6,130	3,672	3,181	3,385	3,338	3,769	3,731	4,954	6,862	6,201	7,667	9,053	7,333
Edinboro	2,987	2,633	3,742	2,974	3,263	3,127	5,173	5,746	4,471	6,191	6,649	6,752	3,789	3,791	4,022	4,234	4,540	4,443	4,535	4,866	5,115	5,926	5,800	5,373
Indiana	2,526	2,332	3,323	2,513	2,496	2,403	5,227	5,213	5,174	5,363	5,191	5,015	3,338	3,242	3,911	3,439	3,381	3,271	6,596	6,110	4,233	6,307	6,920	6,374
Kutztown	2,066	2,779	2,511	2,751	2,942	2,944	4,820	4,572	4,100	4,493	4,718	4,703	3,130	3,566	3,213	3,541	3,769	3,769	5,799	5,366	5,561	4,943	5,112	4,982
Lock Haven	3,040	4,642	4,723	3,488	3,714	3,923	4,890	6,567	6,497	4,780	4,920	5,005	3,547	5,182	5,224	3,871	4,085	4,279	3,468	3,837	3,979	3,425	3,848	3,317
Mansfield	2,977	3,219	4,031	2,797	2,939	2,818	4,895	4,694	5,225	5,560	4,014	3,857	3,753	3,843	4,551	3,971	3,426	3,808	3,839	4,271	7,985	6,725	4,886	5,102
Millersville	3,122	2,859	3,281	3,138	3,545	3,494	4,678	3,883	4,021	4,247	4,664	4,666	3,723	3,258	3,572	3,573	3,925	3,957	4,266	4,913	4,408	5,157	5,640	5,517
Shippensburg	2,829	2,517	3,437	2,711	2,922	2,897	5,333	5,599	4,406	5,909	6,195	6,187	3,580	3,493	3,751	3,749	3,947	3,938	5,397	7,378	7,926	8,295	8,307	8,035
Slippery Rock	2,885	2,552	2,642	2,660	2,475	2,385	4,241	4,793	4,525	4,923	4,929	4,738	3,405	3,412	3,765	3,576	3,461	3,309	4,010	5,159	5,397	4,556	4,130	4,039
West Chester	2,719	2,461	2,669	2,562	2,439	2,685	4,569	4,778	4,458	4,749	4,471	4,929	3,405	3,336	3,399	3,410	3,232	3,556	5,445	6,012	5,604	6,568	6,059	6,604
Total	2,716	2,465	3,115	2,747	2,811	2,787	4,833	5,222	4,565	5,036	5,082	5,055	3,450	3,458	3,642	3,589	3,651	3,634	4,638	5,404	4,872	5,683	5,710	5,417
All universities	2,416	2,648	4,026	3,070	3,060	3,065	4,231	4,495	3,617	4,554	4,435	4,404	3,124	3,373	3,855	3,694	3,641	3,639	5,151	5,368	5,345	5,979	5,933	5,769

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. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by the individual universities, 2010 to 2016.

Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL¹
2010-11 to 2015-16

University	Lower division						Upper division						Total undergraduate						Master's					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
State-related																								
Lincoln	\$106	\$98	\$100	\$105	\$112	\$125	\$117	\$168	\$115	\$192	\$138	\$217	\$109	\$12	\$103	\$126	\$119	\$148	\$60	\$131	\$208	\$157	\$178	\$212
Penn State	69	103	152	123	127	132	133	140	137	141	144	146	95	118	104	131	135	139	306	275	291	272	271	275
Pittsburgh	74	82	83	91	94	96	129	142	143	155	155	157	93	103	107	113	115	117	217	189	201	209	213	218
Temple	74	89	107	93	81	71	119	125	131	129	109	96	99	124	121	113	97	85	229	245	175	237	217	167
Total	72	91	107	111	111	109	128	135	133	142	137	134	96	110	113	125	123	121	233	223	223	257	230	249
State-owned																								
Bloomsburg	86	77	91	82	87	88	167	167	144	175	181	191	108	102	107	108	113	117	194	271	267	288	298	291
California	79	68	85	86	100	79	122	130	127	138	155	120	99	95	105	109	125	98	114	129	141	161	165	130
Cheyney	117	142	136	140	99	111	259	258	130	161	169	170	155	172	135	148	124	133	616	663	276	372	300	209
Clarion	99	106	101	110	108	111	171	194	193	175	172	170	122	136	130	132	131	133	193	190	180	228	225	209
East Stroudsburg	89	39	102	99	85	83	191	237	146	206	207	204	122	106	79	141	126	124	206	286	258	247	377	306
Edinboro	100	88	125	85	109	104	172	192	149	199	222	225	126	126	134	122	151	148	189	203	213	358	242	224
Indiana	84	78	111	84	83	80	174	174	172	179	173	167	111	108	130	115	113	109	275	255	176	263	288	266
Kutztown	69	93	84	92	98	98	161	152	137	150	157	157	104	119	107	118	126	126	242	224	232	206	213	208
Lock Haven	101	155	157	116	124	131	163	219	217	159	164	167	118	173	174	129	136	143	145	160	166	143	160	138
Mansfield	99	107	134	93	98	94	163	156	174	185	134	129	125	128	152	132	114	110	160	178	333	280	204	213
Millersville	104	95	109	105	115	116	156	129	134	142	155	156	124	109	119	119	131	132	178	205	184	215	235	230
Shippensburg	94	84	115	90	97	97	178	187	147	197	207	206	119	116	125	125	132	131	225	307	330	346	346	335
Slippery Rock	96	84	88	89	83	79	141	160	151	164	164	158	114	114	126	119	115	110	167	215	225	190	172	168
West Chester	91	82	89	85	81	89	152	159	149	158	149	164	114	111	113	114	108	119	227	251	234	274	252	275
Total	91	82	104	92	94	93	161	174	152	168	169	168	115	115	121	120	122	121	193	225	203	237	238	226
All universities	81	88	134	102	103	102	141	150	121	152	148	147	104	112	129	123	122	121	215	224	223	249	233	240

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. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated. 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, 2010 to 2016.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL¹
2010-11 to 2015-16

University	Lower division						Upper division						Total undergraduate						Master's					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
State-related																								
Lincoln	25	11	23	21	15	19	18	6	20	13	14	14	23	8	22	18	15	17	17	4	11	14	12	12
Penn State	31	31	31	31	32	32	26	26	28	27	27	28	29	29	29	29	30	30	14	13	23	14	15	15
Pittsburgh	31	31	31	30	30	29	24	24	24	24	24	23	28	28	28	28	27	27	18	17	18	17	17	17
Temple	30	33	34	33	32	33	25	26	27	26	26	26	27	29	30	29	29	29	14	14	16	15	14	16
Total	31	31	31	31	31	31	25	25	27	26	26	27	28	28	30	29	29	29	16	14	14	16	15	16
State-owned																								
Bloomsburg	33	33	32	32	31	30	19	19	20	20	20	19	28	28	28	27	27	26	12	11	11	10	10	11
California	39	44	40	38	35	33	24	24	26	26	24	24	30	32	32	31	29	28	24	24	24	22	22	21
Cheyney	32	39	22	23	23	19	15	28	23	12	14	14	25	36	22	19	19	16	8	11	11	8	8	7
Clarion	31	26	29	27	26	25	18	14	15	17	17	18	25	20	23	22	22	22	14	15	16	13	14	14
East Stroudsburg	30	35	37	40	41	37	22	24	26	25	24	19	27	30	32	34	34	29	15	13	14	15	14	14
Edinboro	29	30	28	29	28	27	22	21	23	20	20	19	26	26	26	25	25	24	17	16	16	17	19	19
Indiana	34	35	35	33	32	32	20	20	22	20	20	19	28	29	29	27	27	26	12	12	13	12	11	11
Kutztown	37	35	32	34	33	32	19	21	21	21	20	20	28	27	27	26	26	25	11	14	13	15	15	15
Lock Haven	29	32	29	29	29	27	20	22	21	21	22	21	26	29	26	26	26	24	26	31	27	24	22	25
Mansfield	26	28	28	28	27	25	17	19	21	19	20	18	22	24	25	23	23	21	18	17	11	10	12	10
Millersville	30	32	29	28	27	27	24	24	24	21	20	20	28	28	27	25	24	24	16	15	17	14	13	14
Shippensburg	32	31	29	30	30	31	22	19	23	21	21	21	28	27	27	21	26	27	13	10	11	9	10	11
Slippery Rock	32	33	31	30	33	32	21	20	18	19	19	19	27	26	24	24	25	25	16	15	15	16	17	17
West Chester	30	31	31	31	31	30	17	18	18	18	18	19	24	24	24	24	24	24	12	12	12	12	12	12
Total	32	33	32	31	31	30	20	20	21	20	20	19	27	27	27	25	26	25	15	15	15	13	14	15
All universities	31	32	31	31	31	30	23	23	22	23	24	24	28	14	27	27	27	27	15	28	16	15	15	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, 2010 to 2016.

Historical Table 9
COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS¹
 2010-11 to 2015-16
 (in millions)

University	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
State-related						
Lincoln	\$13.6	\$10.6	\$11.1	\$10.8	\$13.2	\$14.1
Penn State	264.3	203.4	214.1	214.1	214.1	224.8
Pittsburgh	157.2	127.3	133.9	133.2	133.2	139.9
Temple	165.0	132.9	139.9	139.9	121.1	146.9
Total	600.1	474.2	488.0	498.1	481.6	525.7
State-owned						
Bloomsburg	34.2	33.1	33.5	33.0	33.0	34.6
California	32.4	29.2	30.5	29.8	29.8	30.8
Cheyney	13.8	13.4	12.8	13.1	13.0	13.1
Clarion	24.9	23.4	22.6	22.3	23.2	24.1
East Stroudsburg	24.3	21.5	20.8	21.2	22.1	24.1
Edinboro	26.6	25.3	25.5	25.0	25.7	26.6
Indiana	56.4	51.4	53.0	52.4	51.5	54.4
Kutztown	37.0	34.9	33.8	33.1	32.9	34.3
Lock Haven	21.4	19.8	19.6	20.0	21.2	23.4
Mansfield	18.2	17.4	17.0	16.7	16.6	16.8
Millersville	33.3	30.5	30.3	30.9	30.2	32.1
Shippensburg	30.7	28.4	28.0	28.2	28.4	28.3
Slippery Rock	35.1	32.5	32.0	32.6	32.6	34.8
West Chester	50.7	47.4	48.9	49.9	48.0	50.7
Total ²	439.0	408.2	408.3	407.9	408.1	428.1
All universities ²	1039.1	882.4	896.4	906.0	889.8	953.8

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.

2. Excludes amount of instructional appropriations allocated to Office of the Chancellor and the System Reserve of the Pennsylvania State System of Higher Education.

SOURCE: Instructional appropriations - Governor's Executive Budget, 2009-10 to 2014-15; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2009 to 2015. FTE students - data provided by the individual universities, 2009 to 2015.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE 2010-11 to 2015-2016

University	Undergraduate		Graduate ¹	
	In-State	Out-of-State	In-State	Out-of-State
State-related				
Lincoln				
2010-11	8,472	13,360	10,237	17,392
2011-12	9,062	14,028	10,992	18,132
2012-13	9,590	14,756	11,328	18,682
2013-14	9,804	15,084	11,602	19,132
2014-15	10,232	15,618	11,420	18,950
2015-16	10,878	16,398	11,420	18,950
Penn State				
2010-11	15,250	17,202	17,202	29,480
2011-12	15,984	18,032	18,032	30,516
2012-13	16,444	28,746	18,552	31,398
2013-14	16,992	29,566	19,172	32,148
2014-15	17,502	30,452	19,746	33,110
2015-16	17,514	31,346	20,270	34,084
Pittsburgh				
2010-11	14,936	24,592	18,044	30,294
2011-12	16,132	25,540	19,514	31,476
2012-13	16,590	23,301	20,076	32,398
2013-14	17,100	27,106	20,704	33,426
2014-15	17,772	28,168	21,542	34,760
2015-16	18,192	28,958	22,060	35,744
Temple				
2010-11	12,424	22,252	15,590	22,478
2011-12	13,596	23,422	17,078	23,654
2012-13	13,596	23,422	12,956	17,888
2013-14	14,096	24,122	14,100	19,464
2014-15	14,696	24,722	15,180	20,544
2015-16	15,188	25,494	16,144	21,832
State-owned				
Bloomsburg				
2010-11	7,456	16,280	8,665	12,963
2011-12	8082	17,620	9,398	13,892
2012-13	8,344	18,170	9,636	13,506
2013-14	8,582	18,706	9,984	13,962
2014-15	8,914	19,364	11,250	15,790
2015-16	9,326	20,144	11,750	16,450
California				
2010-11	8,312	11,914	9,749	14,046
2011-12	8,912	13,786	10,365	14,109
2012-13	9,379	13,825	11,040	14,910
2013-14	9,239	13,091	10,944	14,922
2014-15	9,556	13,550	11,255	15,341
2015-16	9,936	14,069	11,707	15,937
Cheyney				
2010-11	7,718	16,542	8,006	12,304
2011-12	8,404	17,942	7,738	11,008
2012-13	8,602	12,966	8,486	13,119
2013-14	8,806	13,302	8,720	12,698
2014-15	9,090	13,744	8,712	12,384
2015-16	9,344	14,162	8,982	12,798
Clarion				
2010-11	7,722	13,644	9,188	13,486
2011-12	8,340	14,680	10,010	13,754
2012-13	9,090	12,810	12,218	15,993
2013-14	9,404	13,237	15,079	20,383
2014-15	9,788	13,760	15,630	21,078
2015-16	10,190	14,660	12,222	16,452
East Stroudsburg				
2010-11	7,778	16,602	8,742	13,040
2011-12	8,351	17,889	9,440	13,184
2012-13	8,758	18,584	9,898	13,768
2013-14	8,991	19,115	10,170	14,148
2014-15	9,376	19,826	10,570	14,652
2015-16	9,684	20,502	10,922	15,152

Edinboro				
2010-11	7,730	10,750	9,368	13,666
2011-12	8,360	11,988	9,547	13,291
2012-13	8,578	12,315	7,722	11,592
2013-14	8,849	12,701	10,071	14,049
2014-15	9,256	13,249	10,417	14,503
2015-16	9,536	10,176	10,769	14,999
Indiana				
2010-11	7,571	16,395	8,691	12,989
2011-12	8,362	18,854	8,876	12,620
2012-13	8,672	19,480	9,893	13,763
2013-14	9,080	20,216	10,222	14,200
2014-15	9,470	20,965	10,475	14,561
2015-16	9,936	21,835	11,174	15,404
Kutztown				
2010-11	7,732	16,556	8,465	12,763
2011-12	8,359	17,897	8,876	12,620
2012-13	8,596	18,422	9,318	13,188
2013-14	8,819	18,943	9,575	13,553
2014-15	9,099	19,549	9,800	13,886
2015-16	9,411	20,229	10,219	4,449
Lock Haven				
2010-11	7,540	14,376	9,074	13,390
2011-12	8,239	15,777	9,913	13,657
2012-13	8,564	16,390	10,283	14,153
2013-14	8,899	17,023	10,646	14,624
2014-15	9,276	17,726	10,966	15,052
2015-16	9,380	18,050	11,328	15,558
Mansfield				
2010-11	8,058	16,882	8,422	12,720
2011-12	8,654	18,192	8,822	12,556
2012-13	8,926	18,752	9,484	13,354
2013-14	9,192	19,316	9,792	13,770
2014-15	9,526	19,976	10,048	14,134
2015-16	9,806	20,624	10,504	14,734
Millersville				
2010-11	7,700	16,524	8,796	13,094
2011-12	8,361	17,889	9,567	13,311
2012-13	8,600	18,426	9,864	13,734
2013-14	8,866	18,990	10,191	14,130
2014-15	10,268	23,868	10,472	14,558
2015-16	10,918	20,336	10,868	15,098
Shippensburg				
2010-11	8,056	16,880	8,768	13,066
2011-12	8,856	18,394	9,630	13,374
2012-13	9,154	17,374	9,936	13,806
2013-14	9,448	17,916	10,424	14,220
2014-15	9,774	18,520	10,566	14,652
2015-16	10,052	19,106	10,926	15,156
Slippery Rock				
2010-11	7,666	10,686	9,354	14,279
2011-12	8,505	11,804	10,210	13,954
2012-13	8,748	12,146	10,525	14,395
2013-14	9,027	12,529	10,852	14,830
2014-15	9,309	12,939	11,166	15,252
2015-16	9,645	13,175	11,575	15,373
West Chester				
2010-11	7,680	16,504	8,580	12,878
2011-12	8,274	17,634	9,273	13,017
2012-13	8,620	18,446	9,831	13,701
2013-14	8,850	18,974	10,090	14,068
2014-15	9,144	19,594	10,403	14,489
2015-16	9,462	20,280	10,772	15,002

1. Excludes first-professional level.

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

APPENDIX:

MODEL OF FTE SALARY COST DETERMINATION

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

$$\begin{array}{rcccl}
 \text{FTE} & & \text{Number of FTE} & & \text{Average FTE instructional} \\
 \text{Instructional} & & \text{instructional faculty} & & \text{faculty salary} \\
 \text{faculty} & & \text{Number} & \text{Average} & \text{Average} & \text{Number} \\
 \text{salaries} & = & \text{of} & \text{course} & \text{class} & \text{of classes} \\
 \text{Student} & & \text{courses} & \text{(assigned)} & \text{(section)} & \text{(sections)} \\
 \text{credit hours} & & & \text{credit} & \text{size} & \text{Number} \\
 & & & \text{value} & & \text{of courses}
 \end{array}$$

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.