

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

**Staff Analysis of 2012-13 Data
Reported Under
the Public School Code of 1949**

FEBRUARY 2014



General Assembly of the Commonwealth of Pennsylvania
JOINT STATE GOVERNMENT COMMISSION
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The release of this report should not be interpreted as an endorsement by the members of the Executive Committee of the Joint State Government Commission of all the findings, recommendations and conclusions contained in this report.

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FOREWORD

This 41st annual 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 2012-13 and data trends for 2007-08 to 2012-13 are presented. Readers are cautioned to use the current historical tables for prior years' data, as some previous data have been revised in these tables.

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

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

**STATE-RELATED 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.

CONTENTS

I CURRENT-YEAR DATA TABLES

1. Full-Time Equivalent Students by Academic Level	2
2. Full-Time Equivalent Students by Academic Division and Level	03
3A. Lincoln University- Number and Percentage Distribution of Full-Time Equivalent Students	04
3B. Pennsylvania State University - Number and Percentage Distribution of Full-Time Equivalent Students	05
3C. University of Pittsburgh - Number and Percentage Distribution of Full-Time Equivalent Students	06
3D. Temple University - Number and Percentage Distribution of Full-Time Equivalent Students	07
3E. State-Owned Universities - Number and Percentage Distribution of Full-Time Equivalent Students	08
4. Degrees Conferred	09
5. Number and Workweeks of Full-Time Employed Faculty by Type of Activity	10
6. Number and Average Instructional Salaries of Full-Time Equivalent Instructional Faculty and Percentage Distribution by Rank	11
7. Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student by Academic Division and Level	12
8A. Lincoln University - Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	13
8B. Pennsylvania State University Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	14
8C. University of Pittsburgh Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	15
8D. Temple University Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	16
8E. State-Owned Universities Average Instructional Faculty Salary Cost per Full-Time Equivalent Student	17
9. Average Class Sizes in Classroom Instruction Academic Division and Level	18
10. Academic Year Tuition and Required Fees for Full-Time Students by Academic Level and Residence	19
11. Tuition and Fee Revenues Related to Full-Time Equivalent Students	20
12. Commonwealth Instructional Appropriations Related to Full-Time Equivalent Students	21
13. Tuition and Fee Revenues, Commonwealth Instructional Appropriations and Student Aid Related to Full-Time Equivalent Students	22

II HISTORICAL DATA TABLES

1. Full-Time Equivalent Students by Academic Level 24

2. Student Credit Hours by Academic Division and Level 25

3. Degrees Conferred 27

4. Number and Average Weekly Student Contact Hours of Full-Time Employed
Faculty by Academic Level 28

5. Number and Average Instructional Salaries of
Full-Time Equivalent Instructional Faculty by Rank 29

6. Average Instructional Faculty Salary Cost
Per Full-Time Equivalent Student by Academic Division and Level 31

7. Average Instructional Faculty Salary Cost
Per Student Credit Hour by Academic Division and Level 32

8. Average Class Sizes in Classroom Instruction
by Academic Division and Level 33

9. Commonwealth Instructional Appropriations 34

10. Academic Year Tuition and Required Fees for Full-Time Students..... 35

APPENDIX: MODEL OF FTE SALARY COST DETERMINATION 37

**CHANGES IN FTE STUDENT ENROLLMENTS IN THE STATE-RELATED
AND STATE-OWNED UNIVERSITIES 2007-08 to 2012-13 39**

**ESTIMATED ANNUAL COST SAVINGS FROM A DECREASE IN AVERAGE SALARY
AND AN INCREASE IN AVERAGE CLASS SIZE FOR THE STATE-RELATED
AND STATE-OWNED UNIVERSITIES 2012-2013 40**

I. CURRENT YEAR DATA TABLES

Table 1
 FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
 2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Total			Undergraduate			Graduate ²		
	FTE students	Percentage change		FTE students	Percentage change		FTE students	Percentage change	
		One-year change	Five-year average		One-year change	Five-year average		One-year change	Five-year average
State-related									
Lincoln	1,985	-26	-1%	1,615	116	8%	370	-142	-28%
Penn State	83,801	4,245	5	75,655	3,404	4	8,146	840	12
Pittsburgh	34,238	-6	a	24,749	-55	a	9,489	49	1
Temple	34,290	-254	-1	27,169	-309	-1	7,121	55	1
Total	154,314	3,958	3	129,188	3,156	3	25,126	802	3
State-owned									
Bloomsburg	9,528	-205	-3	8,860	-101	-1	668	-104	-14
California	8,102	-867	-10	6,265	-774	-11	1,837	-92	-5
Cheyney	1,248	46	4	1,209	42	4	39	4	11
Clanton	5,944	-289	-5	5,237	-234	-4	707	-55	-7
East Stroudsburg	6,030	-562	-9	5,562	-475	-8	468	-87	-16
Edinboro	6,630	-484	-7	5,654	-387	-6	976	-97	-9
Indiana	14,493	-94	-1	12,871	-141	-1	1,622	47	4
Kutztown	9,091	-288	3	8,716	-223	-3	375	-65	-2
Lock Haven	5,199	-61	-1	4,797	-73	-2	402	12	3
Mansfield	2,774	-161	-6	2,643	-83	6	131	-79	-38
Millersville	7,687	-306	-4	7,052	-231	-3	635	-75	-11
Shippensburg	7,062	-359	-5	6,478	-366	-5	584	7	1
Slippery Rock	8,677	-96	1	7,927	-82	-1	750	-14	-2
West Chester	14,543	535	4	13,137	591	5	1,406	-57	-4
Total	107,008	-3,191	-3	96,408	-2,537	-3	10,600	-1,285	-11
All universities	261,322	768	a	225,596	619	a	35,726	-483	-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. In addition to master's level, graduate for Penn State, Pittsburgh, Temple, Bloomsburg, East Stroudsburg, Indiana, and Slippery Rock includes first-professional (excluding medical schools) and/or doctor's levels.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2008 to 2013.

Table 2

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL¹
2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Lower division		Upper division		Master's		First professional ² and doctor	
	FTE Students	Percentage change One-year average	FTE Students	Percentage change One-year average	FTE Students	Percentage change One-year average	FTE Students	Percentage change One-year average
State-related								
Lincoln	1,199	9%	417	6%	370	-28%	na	na
Penn State	40,642	-1	35,013	7	4,146	24	4,000	1%
Pittsburgh	16,247	-1	8,502	1	6,223	2	3,266	1
Temple	11,875	a	15,294	2	3,002	a	4,119	1
Total	69,963	-3	59,226	10	13,741	5	11,385	1
State-owned								
Bloomsburg	6,394	-1	2,466	-3	602	-15	66	5
California	3,351	-14	2,915	-8	1,837	-5	na	na
Cheyney	772	-1	437	14	39	11	na	na
Clarion	3,568	-4	1,669	-6	707	-7	na	na
East Stroudsburg	3,734	-7	1,829	-11	445	-19	23	130
Edinboro	3,483	-8	2,171	-3	976	-9	na	na
Indiana	8,780	-1	4,091	a	974	5	648	1
Kutztown	4,865	-3	3,851	-3	375	-15	na	na
Lock Haven	3,443	-2	1,354	-1	402	3	na	na
Mansfield	1,492	7	1,151	-14	131	-38	na	na
Millersville	4,266	-4	2,785	-2	635	-11	na	na
Shippensburg	4,377	-6	2,101	-3	584	1	na	na
Slippery Rock	4,800	-1	3,128	-1	501	-4	249	2
West Chester	8,071	3	5,067	7	1,406	-4	na	na
Total	61,396	-9	35,015	-7	9,614	-14	986	3
All universities	131,359	-6	94,241	3	23,355	-3	12,371	-4

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, 2008 to 2013.

Table 3A
 LINCOLN UNIVERSITY
 NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2012-13

CIP Classification	Undergraduate						Graduate ²	Percentage of total
	Total	Percentage of total	Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	--	--	--	--	--	--	--	--
Business	195	9%	42	4%	128	33%	25	5%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	162	8	89	8	11	3	61	11
Engineering	--	--	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	42	2	40	4	2	1	0	0
Health Professions and Related Clinical Sciences	--	--	--	--	--	--	--	--
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	--	--	--	--	--
English Language and Literature/Letters	203	10	173	15	31	8	0	0
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	110	5	86	8	24	6	0	0
Mathematics and Statistics	201	10	190	17	10	3	0	0
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	0	0	0	0	0	0	0	0
Parks, Recreation, Leisure and Fitness Studies	104	5	72	6	32	8	0	0
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	75	4	65	6	7	2	3	1
Physical Sciences	90	4	81	7	9	2	0	0
Psychology	124	6	46	4	30	8	48	9
Security and Protective Services/ Public Administration and Services	418	20	10	1	6	2	402	74
Social Sciences and History	289	14	189	17	95	24	5	1
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	64	3	58	5	5	1	0	0
Other	--	--	--	--	--	--	--	--
Total³	2,077	100	1,141	100	390	100	544	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. Graduate includes master's level only.

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

a. Rounds to less than 1 percent

Source: Data provided by Lincoln University, 2013; 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

PENNSYLVANIA STATE UNIVERSITY
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2012-13

CIP Classification	Total	Undergraduate					Graduate ²	Percentage of total
		Percentage of total	Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	1,430	2%	362	1%	946	3%	122	3%
Architecture and Related Services	451	1	193	a	245	1	13	a
Area, Ethnic, Cultural and Gender Studies	857	1	418	1	402	1	37	1
Business	8,686	10	2,680	6	5,289	15	717	16
Communications	4,195	5	2,152	5	2,003	5	41	1
Computer and Information Sciences and Support Services	2,295	3	1,020	2	1,194	3	82	2
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	2,437	3	457	1	1,213	3	767	17
Engineering	6,786	8	1,662	4	4,310	12	815	18
Foreign Languages, Literature and Linguistics	3,785	5	2,296	5	1,392	4	97	2
Health Professions and Related Clinical Sciences	2,821	3	632	2	2,018	6	171	4
Family and Consumer Sciences/ Human Sciences	2,355	3	1,091	3	1,225	3	39	1
Legal Professions and Studies	161	a	46	a	85	a	29	1
English Language and Literature/Letters	4,541	5	2,897	7	1,598	4	45	1
Liberal Arts and Sciences, General Studies and Humanities	200	a	115	a	81	a	4	a
Library Science	3	a	2	a	2	a	0	a
Biological and Biomedical Sciences	4,975	6	2,889	7	1,892	5	193	4
Mathematics and Statistics	8,135	10	6,753	16	1,120	3	262	6
Military Technologies	114	a	63	a	50	a	0	a
Multi/Interdisciplinary Studies	173	a	103	a	31	a	38	1
Parks, Recreation, Leisure and Fitness Studies	2,446	3	881	2	1,540	4	25	1
Personal and Social Development	40	0	31	a	10	a	0	a
Philosophy and Religion/Theology	1,258	2	810	2	441	1	7	a
Physical Sciences	7,140	9	4,626	11	2,007	6	507	11
Psychology	3,137	4	1,611	4	1,445	4	81	2
Security and Protective Services/ Public Administration and Services	1,119	1	433	1	601	2	85	2
Social Sciences and History	8,284	10	5,199	12	2,910	8	175	4
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	4,585	6	2,579	6	1,945	5	62	1
Other	472	1	0	a	472	1	0	a
Total ³	82,882	100	42,001	100	36,467	100	4,414	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. Graduate includes master's and/or doctor's levels, and excludes medical school data.

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

a. Rounds to less than 1 percent.

Source: Data provided by Pennsylvania State University, 2013; 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 3C

UNIVERSITY OF PITTSBURGH
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2012-13

CIP Classification	Total	Undergraduate					Graduate ²	Percentage of total
		Percentage of total	Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	144	a	92	1%	52	1%	0	a
Business	2,932	9%	575	3	1,337	15	1,020	15%
Communications								
Computer and Information Sciences and Support Services	1,019	3	512	3	230	3	278	4
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,481	5	373	2	491	5	618	9
Engineering	2,113	7	758	5	867	10	488	7
Foreign Languages, Literature and Linguistics	1,578	5	1,096	7	415	5	67	1
Health Professions and Related Clinical Sciences	3,657	11	504	3	1,131	13	2,023	30
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Legal Professions and Studies	18	a	0	a	4	a	14	a
English Language and Literature/Letters	2,890	9	2,113	13	713	8	63	1
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	236	1	2	a	4	a	230	3
Biological and Biomedical Sciences	1,571	5	981	6	462	5	128	2
Mathematics and Statistics	2,133	7	1,632	10	395	4	106	2
Military Technologies	20	a	11	a	9	a	0	a
Multi/Interdisciplinary Studies	1,174	4	788	5	340	4	47	1
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--	--	--
Personal and Social Development	620	2	403	2	184	2	33	a
Philosophy and Religion/Theology	2,616	8	2,156	13	273	3	187	3
Physical Sciences	1,686	5	1,142	7	366	4	178	3
Psychology	1,448	4	178	1	401	4	869	13
Security and Protective Services/ Public Administration and Services	3,654	11	2,341	14	1,079	12	235	4
Social Sciences and History	1,416	4	1,089	6	230	3	97	1
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	48	a	40	a	4	a	5	a
Other	--	--	--	--	--	--	--	--
Total ³	32,459	100	16,786	100	8,987	100	6,686	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. Graduate includes master's, first-professional (excluding medical school) and/or doctor's levels.

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

a. Rounds to less than 1 percent.

Source: Data provided by University of Pittsburgh, 2013; 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 3D

TEMPLE UNIVERSITY
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2012-13

CIP Classification	Total	Percentage of total	Undergraduate				Graduate ²	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	492	2%	174	1%	259	2%	59	2%
Area, Ethnic, Cultural and Gender Studies	498	2	261	2	225	1	12	0
Business	4,215	14	1,055	9	2,577	16	584	23
Communications	1,792	6	553	5	1,197	8	42	2
Computer and Information Sciences and Support Services	487	2	192	2	269	2	26	1
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,089	4	383	3	547	3	159	6
Engineering	896	3	338	3	526	3	32	1
Foreign Languages, Literature and Linguistics	1,261	4	567	5	689	4	5	0
Health Professions and Related Clinical Sciences	1,374	5	219	2	750	5	404	16
Family and Consumer Sciences/ Human Sciences	0	0	0	0	0	0	0	0
Legal Professions and Studies	524	2	196	2	190	1	138	5
English Language and Literature/Letters	1,460	5	988	8	452	3	19	1
Liberal Arts and Sciences, General Studies and Humanities	1,383	5	1,028	8	346	2	9	0
Library Science	0	0	0	0	0	0	0	0
Biological and Biomedical Sciences	640	2	200	2	426	3	13	1
Mathematics and Statistics	1,533	5	1,027	8	498	3	7	0
Military Technologies	14	0	7	0	7	0	0	0
Multi/Interdisciplinary Studies	37	0	34	0	2	0	0	0
Parks, Recreation, Leisure and Fitness Studies	1361	4	380	3	919	6	62	2
Personal and Social Development	0	0	0	0	0	0	0	0
Philosophy and Religion/Theology	796	3	367	3	421	3	8	0
Physical Sciences	1,563	5	833	7	697	4	33	1
Psychology	1,729	6	521	4	984	6	224	9
Security and Protective Services/ Public Administration and Services	1,247	4	220	2	572	4	455	18
Social Sciences and History	3,339	11	1,597	13	1,701	11	42	2
Trade and Industrial	0	0	0	0	0	0	0	0
Visual and Performing Arts	2,695	9	1,064	9	1,386	9	244	9
Other	0	0	0	0	0	0	0	0
Total³	30,425	100	12,204	100	15,640	100	2,577	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. Graduate includes master's, first-professional (excluding medical school) and/or doctor's levels.

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

a. Rounds to less than 1 percent.

Source: Data provided by Temple University, 2013; 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
2012-13

CIP Classification	Total	Undergraduate						Graduate ²	Percentage of total
		Percentage of total	Lower division	Percentage of total	Upper division	Percentage of total			
Agriculture	241	a	200	a	40	a	1	a	
Architecture and Related Services	38	a	0	a	28	a	10	a	
Area, Ethnic, Cultural and Gender Studies	678	1%	313	1%	361	1%	4	a	
Business	10,246	9	3,249	5	6,141	17	856	9%	
Communications	4,616	4	3,008	5	1,468	4	140	1	
Computer and Information Sciences and Support Services	2,240	2	1,615	3	574	2	51	1	
Personal and Culinary Services	225	0	127	a	98	a	0	a	
Education	13,264	12	3,234	5	6,585	18	3,445	35	
Engineering	528	a	181	a	268	1	79	1	
Foreign Languages, Literature and Linguistics	2,572	2	2,151	3	383	1	38	a	
Health Professions and Related Clinical Sciences	6,550	6	1,885	3	3,124	9	1,541	16	
Family and Consumer Sciences/ Human Sciences	656	1	323	1	303	1	30	a	
Technology Education/Industrial Arts	339	a	210	a	62	a	67	1	
Legal Professions and Studies	7,212	7	5,577	9	1,536	4	99	1	
English Language and Literature/Letters	228	a	163	a	58	a	7	a	
Liberal Arts and Sciences, General Studies and Humanities	442	a	37	a	32	a	373	4	
Library Science	4,959	5	3,633	6	1,199	3	127	1	
Biological and Biomedical Sciences	6,403	6	5,571	9	730	2	102	1	
Mathematics and Statistics	138	a	101	a	37	a	0	a	
Military Technologies	821	1	580	1	235	1	6	a	
Multi/Interdisciplinary Studies	4,224	4	1,395	2	1,721	5	1,108	11	
Parks, Recreation, Leisure and Fitness Studies	1,030	1	986	2	41	a	3	a	
Personal and Social Development	2,107	2	1,751	3	337	1	19	a	
Philosophy and Religion/Theology	6,442	6	5,402	9	984	3	56	1	
Physical Sciences	5,953	6	3,453	6	2,023	6	477	5	
Psychology	3,816	4	1,109	2	1,878	5	829	8	
Security and Protective Services/ Public Administration and Services	14,533	13	10,368	17	3,838	11	327	3	
Social Sciences and History	0	0	0	a	0	a	0	a	
Trade and Industrial	7,421	7	5,083	8	2194	6	144	1	
Visual and Performing Arts	63	0	52	a	9	a	2	a	
Other									
Total ³	107,985	100	61,757	99	36,287	100	9,941	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. Graduate includes master's level for all universities and doctor's level for Bloomsburg, East Stroudsburg, Indiana and Slippery Rock.

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

a. Rounds to less than 1 percent.

Source: Data provided by the individual State-owned universities, 2011; 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
2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Total			Bachelor's			Graduate ²		
	Degrees	One-year change	Percentage change One- year average	Degrees	One-year change	Percentage change One- year change	Degrees	One-year change	Percentage change One- year average
State-related									
Lincoln	452	-1	a	297	41	16%	155	-42	-21%
Penn State	18,548	210	1%	15,009	79	1	3,539	131	4
Pittsburgh	8,491	-111	-1	5,354	-7	a	3,137	-104	-3
Temple	8,519	149	2	6,075	113	2	2,444	26	1
Total	36,010	237	1	26,735	226	1	9,275	11	a
State-owned									
Bloomsburg	2,074	22	1	1,704	36	2	370	-14	-4
California	2,456	-7	a	1,470	1	a	986	-8	-1
Cheyney	183	24	15	162	20	14	21	4	24
Clarion	1,424	32	2	928	-70	-7	496	102	26
East Stroudsburg	1,524	-244	-14	1,240	-213	-15	284	-31	-10
Edinboro	1,576	-1	a	1,057	75	8	519	-76	-13
Indiana	3,165	230	8	2,470	299	14	695	-69	-9
Kutztown	2,113	9	a	1,882	70	4	231	-61	-21
Lock Haven	971	75	8	845	47	6	126	28	29
Mansfield	682	-13	-2	559	-2	a	123	-11	-8
Millersville	1,718	-86	-5	1,450	-88	-6	268	2	1
Shippensburg	1,810	6	a	1,459	51	4	351	-45	-11
Slippery Rock	2,173	53	3	1,846	68	4	327	-15	-4
West Chester	3,691	363	11	2,973	286	11	718	77	12
Total	25,560	2,040	9	20,045	1,562	9	5,515	478	10
All universities	61,570	2,277	4	46,780	1,788	4	14,790	489	3

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

2. Graduate includes master's at all universities, first professional (excluding medical schools) at Penn State, Pittsburgh and Temple, and doctor's at Penn State, a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2008 to 2013.

Table 5
NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY
FALL 2012, AND PERCENTAGE CHANGE FROM FALL 2011

University	Full-time employed faculty ¹	Student contact					Average weekly hours ²					Total work-week	Percentage change	
		Under- graduate	Percentage change	Graduate	Percentage change ³	Instructional support ³	Percentage change	Research	Percentage change	Other service ⁴	Percentage change			
State-related														
Lincoln	100	10.0	6%	0.4	-33%	15.7	-3%	8.6	10%	9.1	10%	48.5	14%	
Penn State	3,879	11.5	74	3.0	100	14.3	24	14.6	13	7.7	22	51.0	2	
Pittsburgh	2,022	5.0	2	2.5	4	13.9	a	21.4	-1	9.2	a	52.0	a	
Temple	1,333	5.5	-4	3.6	6	18.4	-2	14.6	-1	9.8	-4	51.9	-2	
Total	7,334	8.5	42	2.9	38	15.0	14	16.4	-7	8.5	9	51.3	1	
State-owned														
Bloomsburg	416	11.4	5	1.1	-8	18.3	6	8.8	-4	16.6	-1	56.6	1	
California	270	8.1	-10	1.6	a	14.8	-23	5.2	-25	21.3	11	51.0	-9	
Cheyney	60	9.2	7	0.8	100	0.0	-100	0.0	-100	0.0	-100	10.0	10	
Clarion	235	9.0	-10	1.5	88	17.0	-12	6.0	13	11.9	-2	45.4	-5	
East Stroudsburg	290	11.5	5	1.9	12	20.2	10	7.9	a	17.4	4	59.0	6	
Edinboro	309	9.8	a	1.8	a	15.5	a	7.6	1	13.4	1	48.1	a	
Indiana	674	9.6	-1	1.9	6	19.3	4	8.5	-4	19.7	-3	59.0	a	
Kutztown	448	9.5	9	0.6	20	14.4	40	6.5	12	13.5	-67	44.6	-33	
Lock Haven	245	10.5	a	0.6	a	19.4	5	6.6	12	16.9	-12	54.1	-1	
Mansfield	133	16.4	128	0.9	200	17.3	-19	6.5	-12	14.6	30	55.7	17	
Millersville	309	10.5	1	0.9	-10	16.5	1	8.0	1	17.5	-1	53.4	a	
Shippensburg	327	9.1	-2	0.9	a	17.5	1	8.0	-6	18.0	a	53.1	-2	
Slippery Rock	379	10.9	-1	0.9	-18	17.5	-1	8.4	-3	16.6	3	56.2	3	
West Chester	549	10.6	3	1.7	a	18.6	12	12.1	9	17.2	a	60.6	7	
Total	4,644	10.5	5	1.4	17	17.6	3	8.2	a	16.3	-12	54.2	-2	
All universities	11,978	9.4	27	2.2	22	16.1	-7	13.0	-9	11.7	a	52.5	a	

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.

SOURCE: Data provided by the individual universities, 2012 and 2013.

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK¹
2012-13
(Dollars in thousands)

University	FTE instructional faculty		Average instructional salary		Professor		Associate Professor		Assistant Professor		Instructor		No rank ²	
	Number	Percentage change 2011-12 to 2012-13	Amount	Percentage change 2011-12 to 2012-13	Average instructional salary	Percentage of age of faculty	Average instructional salary	Percentage of age of faculty	Average instructional salary	Percentage of age of faculty	Average instructional salary	Percentage of age of faculty	Average instructional salary	Percentage of age of faculty
State-related														
Lincoln	111	-5%	\$61.5	20%	\$95.2	28%	\$72.6	30%	\$56.3	32%	\$49.4	6%	\$53.6	5%
Penn State	4,700	7	87.4	3	128.4	32	86.3	22	70.1	21	48.8	10	51.7	15
Pittsburgh	2,091	a	58.8	-3	120.2	22	75.9	30	60.2	31	46.7	7	50.0	10
Temple	1,828	-3	69.8	5	129.9	18	84.3	18	59.5	28	40.2	19	43.6	17
Total	8,730	23	69.3	4	120.3	23	81.7	26	66.1	25	49.8	13	54.1	14
State-owned														
Bloomsburg	469	2	68.7	-2	104.5	28	78.4	28	59.9	23	46.3	22	0	0.0
California	344	0	75.3	-3	107.8	27	85.5	34	71.8	31	46.4	7	70.4	a
Cheyney	132	53	74.4	-1	101.9	34	72.6	32	63.5	20	59.4	14	na	na
Clarion	333	-28	70.7	40	92.4	32	73.9	20	61.6	21	48.4	26	na	na
East Stroudsburg	301	-4	74.2	1	102.7	32	77.9	32	65.9	23	46.4	14	na	na
Edinboro	379	-2	73.2	1	96.2	28	77.6	24	65.0	27	44.1	21	na	na
Indiana	711	-4	80.5	7	119.0	29	90.9	29	63.0	31	47.2	10	38.6	1
Kutztown	464	2	64.2	-10	88.1	25	68.4	31	51.2	38	39.5	7	na	na
Lock Haven	327	-10	81.5	10	103.3	16	87.4	34	77.4	38	59.9	11	na	na
Mansfield	166	-3	83.8	15	99.6	21	82.8	27	64.5	41	51.2	10	na	na
Millersville	395	5	70.9	-2	95.2	32	77.7	33	59.4	33	44.4	2	na	na
Shippensburg	378	-1	76.5	3	101.6	34	81.5	35	67.7	28	45.0	4	na	na
Slippery Rock	396	0	74.5	-1	96.5	24	73.8	28	70.4	40	54.5	8	na	na
West Chester	775	4	67.8	0	99.7	26	83.3	28	68.5	27	44.7	19	39.7	a
Total	5,560	-2	71.9	1	95.3	27.8	78.4	29.7	64.6	30.1	44.5	13.2	37.0	0.5
All universities	14,290	13	70.2	2	106.4	25.1	79.8	26.9	65.4	28.0	46.1	13.0	46.0	9

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 non-ranked faculty members is based on the time spent in instruction by all nonranked 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, 2012 and 2013.

Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL
2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Undergraduate						Master's			
	Lower division	Upper division	Percentage change One-year	Percentage change Five-year average	Total under-graduate	Percentage change One-year	Percentage change Five-year average	Total master's	Percentage change One-year	Percentage change Five-year average
State-related										
Lincoln	\$3,010	\$3,440	3%	2%	\$3,086	-32%	-8%	\$4,985	58%	27%
Penn State	3,676	4,014	19	9	3,832	-4	8	5,819	-12	1
Pittsburgh	2,502	4,299	1	2	3,218	1	5	4,822	6	-2
Temple	3,222	3,920	21	10	3,615	4	-3	4,199	-29	-2
Total	3,219	3,989	16	9	3,375	-1	2	5,350	a	a
State-owned										
BloomSBurg	2,720	4,309	18	1	3,198	-14	4	6,419	-1	9
California	2,550	3,820	26	3	3,141	-50	10	3,383	9	3
Cheyney	4,082	3,902	-4	0	4,060	-22	-22	6,624	-58	17
Clarion	3,034	5,780	-4	5	3,910	-1	-4	4,327	-5	-4
East Stroudsburg	3,049	4,394	162	21	2,385	-38	-25	6,201	-10	9
Edinboro	3,742	4,471	42	8	4,022	-22	6	5,115	5	28
Indiana	3,323	5,174	42	8	3,911	-1	21	4,233	-31	-2
Kutztown	2,511	4,100	-10	7	3,213	-10	-10	5,561	4	2
Lock Haven	4,723	6,497	2	17	5,224	-1	1	3,979	4	4
Mansfield	4,031	5,225	25	6	4,551	11	18	7,985	87	15
Millersville	3,281	4,021	15	3	3,572	4	10	4,408	-10	4
Shippensburg	3,437	4,406	37	5	3,751	-21	7	7,926	7	12
Slippery Rock	2,642	4,525	4	0	3,765	-6	10	5,397	5	7
West Chester	2,669	4,458	8	1	3,399	-7	2	5,604	-7	2
Total	3,115	4,565	26	5	3,642	-13	5	4,872	-10	2
All universities	4,026	3,617	52	13	3,855	-20	14	5,345	a	1

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, 2008 to 2013.

LINCOLN UNIVERSITY
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2012-13

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Masters	First professional ²	Doctors
Agriculture	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	--	--	--	--	--	--
Business	\$3,018	\$2,611	\$2,712	\$4,610	--	--
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--
Education	3,773	4,607	3,864	4,050	--	--
Engineering	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	3,760	3,958	3,769	--	--	--
Health Professions and Related Clinical Sciences	--	--	--	--	--	--
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	--	--	--
English Language and Literature/Letters	--	--	--	--	--	--
Liberal Arts and Sciences, General Studies and Humanities	3,887	3,828	3,897	--	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	3,336	3,372	3,344	--	--	--
Mathematics and Statistics	3,782	3,782	3,763	--	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	3,652	4,233	3,831	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	4,018	3,860	4,003	4,003	--	--
Physical Sciences	6,879	13,590	7,550	0	--	--
Psychology	3,526	5,293	4,223	2,112	--	--
Security and Protective Services/ Public Administration and Services	1,208	1,007	1,510	1,502	--	--
Social Sciences and History	2,645	3,007	2,738	3,174	--	--
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	6,524	11,309	6,796	--	--	--
Other	--	--	--	--	--	--
Total	3,649	4,390	3,853	2,218		

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.

2. Excludes medical school

Source: Data provided by Pennsylvania State University, 2013; 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

Table 8B

PENNSYLVANIA STATE UNIVERSITY
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2012-13

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Masters	First professional ²	Doctors
Agriculture	\$4,215	\$3,970	\$4,038	\$4,329	0	\$10,669
Architecture and Related Services	4,952	8,475	6,923	15,212	0	16,479
Area, Ethnic, Cultural and Gender Studies	3,363	3,753	3,596	8,340	0	12,245
Business	3,650	4,439	4,174	5,458	0	4,867
Communications	2,970	3,395	3,174	6,634	0	6,799
Computer and Information Sciences and Support Services	5,588	6,427	6,388	7,340	0	10,034
Personal and Culinary Services	0	0	0	0	0	0
Education	4,578	6,076	4,988	6,335	0	7,353
Engineering	5,062	6,984	6,012	6,916	0	12,181
Foreign Languages, Literature and Linguistics	3,267	3,560	3,414	5,523	0	6,214
Health Professions and Related Clinical Sciences	4,595	4,252	4,334	5,404	0	7,940
Family and Consumer Sciences/ Human Sciences	2,700	3,034	2,874	3,597	0	5,444
Legal Professions and Studies	11,713	9,056	9,989	5,849	\$8,580	0
English Language and Literature/Letters	3,687	3,774	3,718	3,829	0	4,667
Liberal Arts and Sciences, General Studies and Humanities	6,257	4,294	5,446	11,599	0	13,001
Library Science	3,300	6,800	5,000	0	0	0
Biological and Biomedical Sciences	3,596	3,350	3,535	3,649	0	0
Mathematics and Statistics	2,488	3,117	2,661	2,499	0	4,848
Military Technologies	0	0	0	0	0	0
Multi/Interdisciplinary Studies	6,512	7,282	6,854	13,345	0	18,722
Parks, Recreation, Leisure and Fitness Studies	2,580	3,676	2,979	2,944	0	4,906
Personal and Social Development	6,458	7,825	6,978	0	0	0
Philosophy and Religion/Theology	2,278	3,215	2,885	0	0	7,973
Physical Sciences	3,141	4,438	3,445	8,491	0	9,932
Psychology	2,359	3,353	2,829	5,865	0	10,001
Security and Protective Services/ Public Administration and Services	4,113	4,358	4,306	7,396	0	12,287
Social Sciences and History	3,047	4,005	3,391	6,831	0	10,673
Trade and Industrial	0	0	0	0	0	0
Visual and Performing Arts	3,101	3,163	3,128	7,442	0	12,490
Other	2,342	4,015	3,542	10,433	0	6,461
Total	3,730	4,336	4,020	5,509	286	7,206

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.

2. Excludes medical school

Source: Data provided by Pennsylvania State University, 2013; 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

Table 8C

UNIVERSITY OF PITTSBURGH
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2012-13

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Masters	First professional ²	Doctors
Agriculture	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	\$3,177	\$4,416	\$3,624	--	--	--
Business	3,650	3,965	3,871	\$4,825	\$4,909	\$24,568
Communications						
Computer and Information Sciences and Support Services	4,710	5,680	5,011	4,157	--	
Personal and Culinary Services	4,710	5,680	5,011	4,157	--	34,040
Education	--	--	--	--	--	--
Engineering	4,216	5,642	5,113	3,756	--	9,518
Foreign Languages, Literature and Linguistics	5,099	5,687	5,413	7,647	--	29,904
Health Professions and Related Clinical Sciences	3,260	3,865	3,649	8,798	--	22,954
Family and Consumer Sciences/ Human Sciences	3,102	4,542	4,098	5,741	1,300	24,913
Legal Professions and Studies	--	--	--	--	--	--
English Language and Literature/Letters	--	8,028	8,028	29,818	4,258	--
Liberal Arts and Sciences, General Studies and Humanities	3,065	3,103	3,093	5,698	--	6,904
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	6,524	3,262	5,202	5,276	--	26,097
Mathematics and Statistics	3,240	4,546	3,633	3,104	--	28,381
Military Technologies	2,592	2,975	2,667	3,326	--	11,864
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	1,044	2,672	2,181	1,619	--	8,079
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	--	--	--	--	--	--
Physical Sciences	2,199	5,301	3,210	9,234	--	--
Psychology	5,109	6,032	5,808	3,870	--	11,011
Security and Protective Services/ Public Administration and Services	937	3,674	1,632	8,277	--	12,574
Social Sciences and History	2,212	3,136	2,901	2,652	--	13,527
Trade and Industrial	4,215	5,393	4,585	10,898	--	26,584
Visual and Performing Arts	--	--	--	--	--	--
Other	2,406	6,235	2,998	7,456	--	--
Total	2,466	4,692	3,486	3,587	3,489	19,395

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

2. Excludes medical school

SOURCE: Data provided by University of Pittsburgh, 2013; 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

Table 8D

TEMPLE UNIVERSITY
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2012-13

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Masters	First professional ²	Doctors
Agriculture						
Architecture and Related Services	\$2,551	\$4,733	\$4,247	\$7,164	--	--
Area, Ethnic, Cultural and Gender Studies	1,978	3,098	2,443	6,454	--	\$12,812
Business	2,044	3,706	3,223	5,275	\$4,163	11,025
Communications	5,974	6,581	6,212	13,896	--	20,546
Computer and Information Sciences and Support Services	5,208	7,312	6,436	16,952	--	23,868
Personal and Culinary Services	--	--	--	--	--	--
Education	3,275	3,321	3,303	6,802	--	11,536
Engineering	4,703	5,495	5,576	9,032	--	24,997
Foreign Languages, Literature and Linguistics	2,348	2,686	2,534	3,812	--	6,494
Health Professions and Related Clinical Sciences	3,436	4,264	4,077	8,848	5,341	5,537
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Legal Professions and Studies	4,333	7,449	5,867	11,623	7,344	--
English Language and Literature/Letters	2,862	2,539	2,761	4,314	--	4,641
Liberal Arts and Sciences, General Studies and Humanities	1,686	1,716	1,711	2,638	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	3,573	3,503	3,787	4,853	--	23,870
Mathematics and Statistics	1,064	1,730	1,282	4,012	2,051	11,202
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	2,544	2,761	2,556	--	--	--
Parks, Recreation, Leisure and Fitness Studies	2,081	2,868	2,638	5,465	--	12,015
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,730	3,507	3,112	6,592	--	9,198
Physical Sciences	2,594	3,543	2,993	6,236	--	24,115
Psychology	3,965	5,831	4,525	7,903	--	18,299
Security and Protective Services/ Public Administration and Services	2,657	3,492	3,260	2,706	--	4,818
Social Sciences and History	1,911	3,061	2,504	6,412	--	6,687
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	3,407	4,303	3,913	7,188	--	16,016
Other	--	--	--	--	--	--
Total	3,004	3,877	3,389	6,508	2,725	9,960

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

2. Excludes medical school

SOURCE: Data provided by Temple University, 2013; 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

Table 8E

STATE-OWNED UNIVERSITIES
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2012-13

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Masters	First professional	Doctor's ²
Agriculture	\$2,094	\$5,041	\$2,245	\$10,080	--	--
Architecture and Related Services	1,458	4,798	4,389	6,154	--	--
Area, Ethnic, Cultural and Gender Studies	2,798	3,947	3,323	7,984	--	--
Business	2,654	4,089	3,606	5,547	--	\$4,587
Communications	3,012	5,299	3,568	9,201	--	14,412
Computer and Information Sciences and Support Services	3,365	6,318	4,015	15,045	--	--
Personal and Culinary Services	2,664	4,087	3,999	26,120	--	--
Education	1,912	5,113	4,089	3,815	--	7,212
Engineering	4,500	6,015	5,312	3,207	--	--
Foreign Languages, Literature and Linguistics	3,128	6,498	3,669	9,089	--	10,215
Health Professions and Related Clinical Sciences	3,042	5,415	4,487	5,317	--	3,701
Family and Consumer Sciences/ Human Sciences	2,654	3,602	3,107	9,051	--	6,770
Legal Professions and Studies	2,064	2,365	2,278	2,761	--	--
English Language and Literature/Letters	3,414	5,012	3,922	7,101	--	18,219
Liberal Arts and Sciences, General Studies and Humanities	4,489	6,800	5,702	8,945	--	--
Library Science	4,274	5,668	4,898	2,612	--	--
Biological and Biomedical Sciences	2,653	7,189	3,859	18,564	--	56,051
Mathematics and Statistics	2,687	5,585	3,128	9,100	--	7,644
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	2,799	5,647	3,897	5,934	--	6,039
Parks, Recreation, Leisure and Fitness Studies	2,228	4,251	3,202	2,559	--	40,568
Personal and Social Development	3,254	4,813	3,167	4,152	--	--
Philosophy and Religion/Theology	2,266	4,897	3,651	14,258	--	6,540
Physical Sciences	3,410	9,346	4,059	14,342	--	72,158
Psychology	2,478	4,258	2,808	6,301	--	9,045
Security and Protective Services/ Public Administration and Services	1,845	3,156	2,682	4,317	--	16,021
Social Sciences and History	2,018	4,978	2,683	10,845	--	14,001
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	3,331	7,365	4,688	15,091	--	58,987
Other	3,149	4,621	3,888	2,689	--	54,734
Total	2,844	5,220	3,726	5,652	--	9,027

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

2. Doctor's level includes only Bloomsburg University, East Stroudsburg, Indiana University and/or Slippery Rock

Source: Data provided by the individual State-owned universities, 2013; 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

Table 9

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL
2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Lower Division			Upper division			Total Undergraduate			Master's		
	Percentage change			Percentage change			Percentage change			Percentage change		
	Class size	One-year	Five-year average	Class size	One-year	Five-year average	Class size	One-year	Five-year average	Class size	One-year	Five-year average
State-related												
Lincoln	23	5%	-1%	20	33	13%	22	10%	a	11	-31%	-3%
Penn State	31	a	0	28	8	1	29	a	0	16	23	1
Pittsburgh	31	3	1	26	8	3	29	4	1	20	18	5
Temple	34	3	3	27	4	2	30	3	2	16	14	3
Total	31	a	1	27	8	-8	30	3	1	14	a	-2
State-owned												
Bloomsburg	32	-3	1	20	5	2	28	a	2	11	a	-3
California	40	-9	5	26	4	3	32	a	4	24	a	4
Cheyney	22	-44	5	23	-18	10	22	-39	4	11	a	-1
Clarion	29	12	-3	15	7	1	23	15	-2	16	7	6
East Stroudsburg	37	6	8	26	8	5	32	7	6	14	8	4
Edinboro	28	-7	-1	23	10	2	26	a	1	16	a	3
Indiana	35	a	1	22	10	4	29	a	1	13	8	0
Kutztown	34	-9	-2	21	a	4	27	a	1	13	-7	4
Lock Haven	29	-15	1	21	-9	12	26	-13	4	27	a	22
Mansfield	28	a	3	21	11	5	25	4	4	11	-35	-7
Millersville	29	-9	a	24	a	2	27	-4	1	17	13	2
Shippensburg	29	-6	-1	23	21	5	27	a	2	11	10	-4
Slippery Rock	31	-6	-1	18	-10	-2	24	-8	-2	15	a	2
West Chester	31	a	3	18	a	2	24	a	2	12	a	a
Total	32	-3	1	21	5	3	27	a	2	15	a	1
All universities	17	-45	-8	16	-36	-5	17	-39	-6	11	-21	-4

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, 2008 to 2013.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE
2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Undergraduate				Graduate ¹			
	In-State		Out-of-State		In-State		Out-of-State	
	Tuition and required fees	Percentage change One-year average	Tuition and required fees	Percentage change One-year average	Tuition and required fees	Percentage change One-year average	Tuition and required fees	Percentage change One-year average
State-related								
Lincoln	\$9,590	6%	\$14,756	5%	\$11,328	3%	\$18,682	3%
Penn State ²	16,444	3	28,746	2	18,552	3	31,256	3
Pittsburgh ²	16,590	3	26,280	3	20,076	3	32,398	3
Temple	13,596	a	23,422	a	12,956	-24	17,888	-24
Average	14,055	3	23,301	11	15,728	-4	25,056	-3
State-owned								
Bloomsburg	8,344	3	18,170	3	9,636	3	13,506	3
California	9,379	5	13,825	a	11,040	7	14,910	6
Cheyney	8,602	2	12,966	-28	8,486	10	13,119	19
Clarion	9,090	9	12,810	-13	12,218	22	15,993	16
East Stroudsburg	8,758	5	18,584	4	9,898	5	13,768	4
Edinboro	8,578	3	12,315	3	7,722	-19	11,592	-13
Indiana	8,672	4	19,480	3	9,893	11	13,763	9
Kutztown	8,596	3	18,422	3	9,318	5	13,188	5
Lock Haven	8,564	4	16,390	4	10,283	4	14,153	4
Mansfield	8,926	3	18,752	3	9,484	8	13,354	6
Millersville	8,600	3	18,426	3	9,864	3	13,734	3
Shippensburg	9,154	3	17,374	-6	9,936	3	13,806	3
Slippery Rock	8,748	3	12,146	3	10,525	3	14,395	3
West Chester	8,620	4	18,446	5	9,831	6	13,701	5
Average	8,759	4	16,293	-1	9,867	5	13,784	5

1. Excludes first-professional level.

2. Main campus data only.

SOURCE: College and University Basic Student Charges, http://www.education.state.pa.us/portal/sener/portal/sener/portal/community/higher_education/8684, Pennsylvania Department of Education.

Table 11

TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Total tuition and fee revenues			Tuition and fee revenues per FTE student			
	Amount (000s)	Percentage change		Amount	One-year change	Percentage change	
		One- year	Five-year average			One- year	Five-year average
State-related							
Lincoln	\$28,501	3%	3%	\$14,351	\$597	4%	4%
Penn State	1,526,400	3	8	18,216	-385	-2	5
Pittsburgh	677,483	5	7	19,787	917	5	6
Temple	655,276	2	7	19,110	421	2	10
Total	2,859,159	a	7	18,528	-80	a	4
State-owned							
Bloomsburg	94,840	6	9	9,954	772	8	6
California	85,650	5	9	10,571	1,500	17	8
Cheyney	12,485	5	a	10,004	131	1	5
Clarion	63,426	14	7	10,671	1,726	19	8
East Stroudsburg	78,316	12	8	12,988	2,342	22	8
Edinboro	65,948	2	8	9,947	855	9	7
Indiana	145,954	8	9	10,071	789	9	8
Kutztown	93,669	12	7	10,303	1,393	16	8
Lock Haven	48,034	6	6	9,239	600	7	7
Mansfield	30,566	16	5	11,014	2,074	23	8
Millersville	74,145	3	8	9,646	643	7	7
Shippensburg	72,578	10	8	10,277	1,371	15	8
Slippery Rock	77,204	4	8	8,897	449	5	6
West Chester	153,147	15	10	10,531	1,052	11	7
Total	1,095,962	9	7	10,242	1,088	12	7
All universities	3,955,121	a	5	15,192	577	4	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, 2007 to 2012; FTE students - data provided by the individual universities, 2008 to 2013.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Total instructional appropriations			Instructional appropriations per FTE student			
	Amount (000s)	Percentage change		Amount	One-year change	Percentage change	
		One- year	Five-year average			One- year	Five-year average
State-related							
Lincoln	\$11,163	5%	-4%	\$5,621	349	7%	-1%
Penn State	214,110	5	-4	2,577	20	1	-5
Pittsburgh	133,993	5	-4	3,914	197	5	-6
Temple	139,917	5	-4	4,080	232	6	-6
Total	488,020	5	-6	3,235	81	3	-5
State-owned							
Bloomsburg	33,525	a	-2	3,485	88	3	-5
California	30,478	4	-2	3,684	430	13	-6
Cheyney	12,842	a	1	10,802	-379	-3	2
Clarion	22,596	1	-3	3,978	230	6	-2
East Stroudsburg	20,807	1	-3	3,579	324	10	-1
Edinboro	25,572	1	-2	3,867	305	9	-2
Indiana	52,981	2	-3	3,611	86	2	-4
Kutztown	33,788	a	-2	3,858	141	4	-5
Lock Haven	19,572	1	-1	3,855	92	2	4
Mansfield	16,950	3	-1	6,336	421	7	-6
Millersville	30,277	1	-6	4,018	196	5	-5
Shippensburg	28,013	2	-3	4,083	259	7	-3
Slippery Rock	32,013	1	-3	3,784	80	2	-6
West Chester	48,935	3	-1	3,486	99	3	-4
Total²	412,751	-3	-4	3,873	169	5	-4
All universities²	900,771	3	-3	3,503	116	3	-5

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, 2007-08 to 2012-13; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2007 to 2012. FTE students - data provided by the individual universities, 2007 to 2012.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID
RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)

University	Per FTE student			Ratio of instructional appropriations to total instructional revenues			
	Tuition and fee revenues	Instructional appropriations	Total instructional revenues	Percentage	Percentage change		Student aid per FTE student ²
					One-year	Five-year average	
State-related							
Lincoln	\$14,351	\$5,621	\$18,671	30%	a	-4	\$631
Penn State	18,216	2,577	20,793	12	2	-6	302
Pittsburgh	19,787	3,914	23,701	17	5	-5	600
Temple	19,110	4,080	23,190	18	3	-5	721
Total	18,712	3,235	21,947	15	1	-5	566
State-owned							
Bloomsburg	9,954	3,485	13,439	26	-7	-3	759
California	10,571	3,684	14,255	25	15	-4	753
Cheyney	10,004	10,802	20,806	52	-1	-1	1,355
Clarion	10,671	3,978	14,649	27	15	-4	887
East Stroudsburg	12,988	3,579	16,567	22	19	-4	671
Edinboro	9,947	3,867	13,814	28	9	-4	942
Indiana	10,071	3,611	13,682	26	7	-4	809
Kutztown	10,303	3,858	14,161	27	12	-3	899
Lock Haven	9,239	3,855	13,094	29	5	-2	1,074
Mansfield	11,014	6,336	17,350	36	16	a	984
Millersville	9,646	4,018	13,664	29	6	-3	868
Shippensburg	10,277	4,083	14,360	28	12	-3	847
Slippery Rock	8,897	3,784	12,681	30	4	-2	792
West Chester	10,531	3,486	14,017	25	9	-3	572
Total³	10,242	3,873	14,115	27	10	-3	810
All universities³	15,345	3,503	18,848	19	5	-4	709

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 school data.

2. Includes grants and matching funds. Does not include student loans. In previous years, PHEAA was guarantor of new loans for the Federal Family Education Loan Program. This ended on July 1, 2010 and those funds are therefore not included in this year's figures.

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 - data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2007 to 2012; instructional appropriations - *Governor's Executive Budget*, 2007-08 to 2012-13; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2007 to 2012; FTE students - data provided by the individual universities, 2007 to 2012; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, August 2013.

II. HISTORICAL DATA TABLES

Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
2007-08 to 2012-13

University	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
State-related						
Lincoln						
Total	2,496	2,527	2,593	2,426	2,011	1,985
Undergraduate	1,980	1,987	2,030	1,828	1,499	1,615
Graduate	516	540	563	598	512	370
Penn State						
Total	75,250	78,174	79,378	79,694	79,556	83,801
Undergraduate	68,404	70,584	71,833	72,100	72,251	75,655
Graduate	6,846	7,590	7,545	7,594	7,306	8,146
Pittsburgh						
Total	31,921	32,835	33,905	34,284	34,244	34,238
Undergraduate	23,309	23,857	24,664	24,787	24,804	24,749
Graduate	8,612	8,978	9,241	9,497	9,440	9,489
Temple						
Total	32,069	33,630	34,665	35,038	34,544	34,290
Undergraduate	25,779	26,572	27,441	27,721	27,478	27,169
Graduate	6,890	7,058	7,224	7,317	7,066	7,121
State-owned						
Bloomsburg						
Total	8,456	8,615	9,271	9,805	9,733	9,528
Undergraduate	7,781	7,953	8,482	8,964	8,961	8,860
Graduate	675	662	789	841	772	668
California						
Total	8,104	8,396	8,891	9,016	8,969	8,102
Undergraduate	6,599	6,863	7,137	7,105	7,039	6,265
Graduate	1,505	1,533	1,754	1,911	1,329	1,837
Cheyney						
Total	1,496	1,471	1,409	1,276	1,202	1,248
Undergraduate	1,369	1,360	1,331	1,231	1,167	1,209
Graduate	127	111	78	45	35	39
Clarion						
Total	6,117	6,216	6,478	6,511	6,233	5,944
Undergraduate	5,523	5,540	5,769	5,800	5,471	5,237
Graduate	594	676	709	711	762	707
East Stroudsburg						
Total	6,593	6,700	6,941	6,887	6,592	6,030
Undergraduate	5,868	5,996	6,148	6,158	6,037	5,562
Graduate	725	704	793	729	555	468
Edinboro						
Total	6,600	6,581	7,118	7,396	7,114	6,630
Undergraduate	5,824	5,665	5,995	6,189	6,041	5,654
Graduate	776	916	1,123	1,207	1,073	976
Indiana						
Total	13,978	13,943	14,218	14,820	14,587	14,493
Undergraduate	12,255	12,198	12,524	13,207	13,012	12,871
Graduate	1,723	1,745	1,694	1,613	1,575	1,622
Kutztown						
Total	9,413	9,494	9,759	9,881	9,379	9,091
Undergraduate	8,810	8,898	9,121	9,260	8,939	8,716
Graduate	603	596	638	621	440	375
Lock Haven						
Total	5,416	5,466	5,223	5,397	5,260	5,199
Undergraduate	5,124	5,148	4,930	5,049	4,870	4,797
Graduate	292	318	293	348	390	402
Mansfield						
Total	3,079	3,122	3,273	3,194	2,935	2,774
Undergraduate	2,852	2,887	3,002	2,946	2,726	2,643
Graduate	227	235	271	248	210	131
Millersville						
Total	7,932	7,794	8,075	8,156	7,993	7,687
Undergraduate	7,074	6,988	7,287	7,379	7,283	7,052
Graduate	858	806	788	777	710	635
Shippensburg						
Total	7,045	7,215	7,506	7,599	7,421	7,062
Undergraduate	6,433	6,579	6,826	6,963	6,844	6,478
Graduate	612	636	680	636	577	584
Slippery Rock						
Total	8,192	8,362	8,601	8,827	8,773	8,677
Undergraduate	7,493	7,594	7,781	7,976	8,009	7,927
Graduate	699	768	820	851	764	750
West Chester						
Total	12,301	12,543	13,279	13,598	14,008	14,543
Undergraduate	10,922	11,101	11,742	12,045	12,546	13,137
Graduate	1,379	1,441	1,537	1,553	1,463	1,406

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 masters level, graduate for Penn State, Pittsburgh, Temple, Bloomsburg, East Stroudsburg, Indiana, and Slippery Rock includes first-professional (excluding medical schools) and/or doctors levels.

SOURCE: Data provided by the individual universities, 2008 to 2013.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL¹
 TOTAL YEAR AND SUMMER 2007-08 TO 2012-13
 (in thousands)

University	Total year							Summer			
	Lower division	Upper division	Total under-graduate	Master's	First pro-fessional	Doctor's	Total graduate	Grand total	Total under-graduate	Total graduate	Grand total
State-related											
Lincoln											
2007-08	49	11	60	12	na	na	12	72	1	2	3
2008-09	47	13	60	13	na	na	13	73	1	1	2
2009-10	46	15	61	14	na	na	14	75	1	2	3
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
Penn State											
2007-08	1,309	743	2,052	71	na	94	165	2,217	99	18	117
2008-09	1,277	840	2,117	72	19	91	182	2,299	99	19	118
2009-10	1,288	867	2,155	73	19	89	181	2,336	94	17	111
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
Pittsburgh											
2007-08	460	239	699	133	56	18	207	906	38	31	69
2008-09	474	242	716	140	57	18	215	931	38	32	70
2009-10	488	252	740	148	56	18	222	962	37	33	70
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
Temple											
2007-08	357	417	774	72	73	21	166	940	62	18	80
2008-09	366	431	797	72	76	21	169	966	60	18	78
2009-10	365	158	523	75	76	22	173	696	56	19	75
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
State-owned											
Bloomsburg											
2007-08	166	67	233	15	na	1	16	249	16	5	21
2008-09	170	68	238	15	na	1	16	254	17	5	22
2009-10	184	70	254	18	na	1	19	273	18	5	23
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
California											
2007-08	115	83	198	36	na	na	36	234	11	13	24
2008-09	117	88	205	38	na	na	38	243	12	13	25
2009-10	123	91	214	42	na	na	42	256	12	13	25
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
Cheyney											
2007-08	30	11	41	3	na	na	3	44	3	1	4
2008-09	30	11	41	3	na	na	3	44	3	1	4
2009-10	28	11	39	2	na	na	2	41	2	a	2
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
Clarion											
2007-08	121	45	166	14	na	na	14	180	9	4	13
2008-09	118	48	166	16	na	na	16	182	10	4	14
2009-10	122	51	173	17	na	na	17	190	10	5	15
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
2012-13	-	-	0	-	-	-	-	-	-	-	0
East Stroudsburg											
2007-08	119	57	176	17	na	a	17	193	9	5	14
2008-09	120	58	178	18	na	1	19	197	9	5	14
2009-10	125	59	184	19	na	1	20	204	9	5	14
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

Continued

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL¹
 TOTAL YEAR AND SUMMER 2007-08 TO 2012-13
 (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
Edinboro											
2007-08	104	71	175	19	na	na	19	194	10	3	13
2008-09	101	69	170	22	na	na	22	192	9	4	13
2009-10	111	69	180	27	na	na	27	207	10	5	15
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
Indiana											
2007-08	258	110	368	26	na	15	41	409	24	12	36
2008-09	258	108	366	26	na	16	42	408	25	12	37
2009-10	266	109	375	25	na	16	41	416	24	11	35
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
Kutztown											
2007-08	168	96	264	14	na	na	14	278	9	4	13
2008-09	142	123	265	16	na	na	16	281	9	3	12
2009-10	170	104	274	15	na	na	15	289	10	3	13
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
Lock Haven											
2007-08	111	43	154	7	na	na	7	161	10	2	12
2008-09	113	41	154	8	na	na	8	162	10	2	12
2009-10	109	39	148	7	na	na	7	155	10	2	12
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
Mansfield											
2007-08	49	37	86	5	na	na	5	91	7	2	9
2008-09	45	41	86	6	na	na	6	92	7	2	9
2009-10	52	38	90	7	na	na	7	97	4	1	5
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
Millersville											
2007-08	132	80	212	21	na	na	21	233	13	11	24
2008-09	131	79	210	19	na	na	19	229	12	9	21
2009-10	136	83	219	19	na	na	19	238	13	9	22
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
Shippensburg											
2007-08	130	63	193	15	na	na	15	208	9	4	13
2008-09	136	62	198	15	na	na	15	213	9	4	13
2009-10	141	64	205	16	na	na	16	221	9	4	13
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
Slippery Rock											
2007-08	140	84	224	11	na	5	16	240	13	4	17
2008-09	141	87	228	13	na	5	18	246	13	4	17
2009-10	145	88	233	14	na	6	20	253	14	5	19
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
West Chester											
2007-08	206	122	328	33	na	na	33	361	22	8	30
2008-09	207	126	333	35	na	na	35	368	22	8	30
2009-10	220	132	352	37	na	na	37	389	23	8	31
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

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

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

SOURCE: Data provided by the individual universities. 2008 to 2013.

Historical Table 3

DEGREES CONFERRED¹
2007-08 to 2012-13

University	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
State-related						
Lincoln						
Total	440	462	486	580	453	452
Bachelor's	227	257	269	326	256	297
Graduate	213	205	217	254	197	155
Penn State						
Total	15,502	15,898	17,772	17,881	18,338	18,548
Bachelor's	12,445	12,723	14,502	14,649	14,930	15,009
Graduate	3,057	3,175	3,270	3,232	3,408	3,539
Pittsburgh						
Total	7,723	7,693	7,924	8,390	8,602	8,491
Bachelor's	4,853	4,888	4,956	5,227	5,361	5,354
Graduate	2,870	2,805	2,968	3,163	3,241	3,137
Temple						
Total	7,395	7,303	8,007	8,265	8,380	8,519
Bachelor's	5,068	5,373	5,613	5,826	5,962	6,075
Graduate	2,327	2,330	2,394	2,439	2,418	2,444
State-owned						
Bloomsburg						
Total	1,889	1,889	1,977	2,059	2,052	2,074
Bachelor's	1,544	1,565	1,634	1,670	1,668	1,704
Graduate	345	324	343	389	384	370
California						
Total	1,965	2,141	2,268	2,339	2,463	2,456
Bachelor's	1,242	1,297	1,428	1,348	1,469	1,470
Graduate	723	844	840	991	994	986
Cheyney						
Total	203	258	193	169	159	183
Bachelor's	153	178	153	138	142	162
Graduate	50	80	40	31	17	21
Clarion						
Total	1,094	1,201	1,327	1,497	1,392	1,424
Bachelor's	823	843	928	983	998	928
Graduate	271	358	399	514	394	496
East Stroudsburg						
Total	1,542	1,591	1,527	1,488	1,768	1,524
Bachelor's	1,230	1,272	1,207	1,136	1,453	1,240
Graduate	312	319	320	352	315	284
Edinboro						
Total	1,410	1,486	1,581	1,537	1,577	1,576
Bachelor's	1,062	1,073	1,034	986	982	1,057
Graduate	348	413	547	551	595	519
Indiana						
Total	2,898	2,878	2,858	2,943	2,935	3,165
Bachelor's	2,099	2,079	1,957	2,156	2,171	2,470
Graduate	799	799	901	787	764	695
Kutztown						
Total	1,908	2,054	2,092	2,030	2,104	2,113
Bachelor's	1,652	1,753	1,819	1,791	1,812	1,882
Graduate	256	301	273	239	292	231
Lock Haven						
Total	887	853	845	873	896	971
Bachelor's	810	777	733	781	798	845
Graduate	77	76	112	92	98	126
Mansfield						
Total	659	704	702	704	695	682
Bachelor's	508	554	566	554	561	559
Graduate	151	150	136	150	134	123
Millersville						
Total	1,698	1,624	1,718	1,838	1,804	1,718
Bachelor's	1,463	1,402	1,467	1,554	1,538	1,450
Graduate	235	222	251	284	266	268
Shippensburg						
Total	1,621	1,657	1,661	1,665	1,804	1,810
Bachelor's	1,279	1,292	1,272	1,293	1,408	1,459
Graduate	342	365	389	372	396	351
Slippery Rock						
Total	1,750	1,973	1,841	1,881	2,120	2,173
Bachelor's	1,506	1,654	1,547	1,526	1,778	1,846
Graduate	244	319	294	355	342	327
West Chester						
Total	2,689	3,047	3,053	2,984	3,328	3,691
Bachelor's	2,114	2,437	2,422	2,320	2,687	2,973
Graduate	575	610	631	664	641	718

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

SOURCE: Data provided by the individual universities, 2008 to 2013.

Historical Table 4
 NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL¹
 FALL 2007 to FALL 2012

University	Full-time employed faculty ²					Undergraduate					Graduate							
	2007	2008	2009	2010	2011	2012	2007	2008	2009	2010	2011	2012	2007	2008	2009	2010	2011	2012
State-related																		
Lincoln	104	103	107	111	106	100	12.6	11.6	11.4	11.4	11.9	10	0.7	1.4	1.2	1.2	1.0	0.4
Penn State	3,699	3,848	3,918	3,913	3,895	3,879	6.8	6.7	6.6	6.6	6.6	11.5	1.5	1.6	1.5	1.4	2.0	3
Pittsburgh	1,955	3,773	3,584	1,945	1,984	2,022	4.7	4.7	4.8	4.8	5.0	5	2.8	2.6	2.7	2.6	3.0	2.5
Temple	1,252	1,289	1,323	1,348	1,325	1,333	5.6	5.6	5.6	5.6	5.7	5.5	3.1	3.2	3.3	3.2	2.0	3.6
Total	7,010	9,013	8,932	7,317	7,310	7,334	6.0	6.0	6.0	6.0	6.0	8.5	2.1	2.1	2.2	2.1	2.0	2.9
State-owned																		
Bloomsburg	393	394	417	426	413	416	10.8	11.3	11.0	10.9	10.9	11.4	1.0	1.0	1.0	1.3	1.0	1.1
California	307	290	285	295	263	270	8.6	9.4	9.1	9.3	9.0	8.1	1.3	1.2	1.5	1.5	2.0	1.6
Cheyney	99	80	79	68	83	60	10.0	11.5	11.8	12.0	8.6	9.2	0.2	0.8	7.2	7.5	0.0	0.8
Clarion	272	281	257	284	287	235	10.9	10.8	10.4	10.4	10.0	9	1.0	1.1	1.2	1.4	1.0	1.5
East Stroudsburg	321	337	329	332	298	290	12.1	11.9	12.0	12.0	11.0	11.5	1.7	1.7	1.7	1.6	2.0	1.9
Edinboro	348	353	358	360	333	309	10.8	10.0	10.1	10.1	9.8	9.8	1.9	2.0	2.0	2.0	2.0	1.8
Indiana	700	701	703	700	662	674	9.8	9.2	9.3	9.5	9.7	9.6	1.7	1.7	1.6	1.9	2.0	1.9
Kutztown	445	463	470	452	435	448	11.8	11.3	11.4	12.2	11.2	10.5	0.8	0.8	1.0	0.8	1.0	0.6
Lock Haven	264	264	264	261	245	245	11.1	11.1	11.1	11.1	10.5	16.4	0.3	0.3	0.5	0.4	1.0	0.6
Mansfield	146	146	173	186	164	133	7.5	7.6	7.7	7.3	7.3	16.4	0.3	0.3	0.3	0.3	0.0	0.9
Millersville	322	315	320	317	306	309	10.1	10.3	10.3	10.2	10.4	10.5	1.0	0.9	0.9	1.0	1.0	0.9
Shippensburg	314	339	323	310	310	327	9.6	9.4	9.3	9.0	9.3	9.1	0.8	0.9	0.9	0.8	1.0	0.9
Slippery Rock	366	372	381	383	376	379	9.9	10.8	10.8	11.5	11.0	10.9	1.0	1.1	1.1	1.1	1.0	0.9
West Chester	573	631	612	525	574	549	9.7	9.6	9.9	10.4	10.3	10.6	1.8	1.9	1.9	1.7	2.0	1.7
Total	4,870	4,966	4,971	4,899	4,711	4,644	10.2	10.2	10.2	10.3	10.0	10.5	1.2	1.2	1.3	1.3	1.0	1.4
All universities	11,880	13,979	13,903	12,216	12,021	11,978	7.6	7.5	7.5	7.6	7.5	9.4	1.8	1.8	1.8	1.8	2.0	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, 2008 to 2013.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK ¹
 2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)
 (Dollars in thousands)

University	FTE instructional faculty	Average instructional salaries					
		All faculty	Professor	Associate Professor	Assistant Professor	Instructor	No rank ²
State-related							
Lincoln							
2007-08	168	43.3	74.6	64.4	37.3	23.9	27.5
2008-09	175	41.5	64.1	59.2	39.1	20.3	31.9
2009-10	167	44.4	69.2	59.2	39.1	19.6	34
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
Penn State							
2007-08	4,314	65.5	112.4	83.6	68.5	39.6	43.1
2008-09	4,377	67.8	115.2	84.9	70.6	42.2	45.1
2009-10	4,394	67.7	113.8	84.2	69.3	41.1	46.0
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
Pittsburgh							
2007-08	2,036	58.2	98.0	65.8	52.8	30.8	46.1
2008-09	2,033	59.9	105.3	69.0	54.4	31.9	46.3
2009-10	2,075	58.7	103.6	66.3	53.3	31.0	46.9
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
Temple							
2007-08	1,768	58.3	104.8	77.8	50.8	37.3	41.0
2008-09	1,840	60.1	110.1	78.9	52.5	38.2	34.3
2009-10	1,854	62.4	115.4	81.8	54.3	37.5	35.5
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
2012-13	1,828	69.8	120.2	84.3	59.5	40.2	43.6
State-owned							
Bloomsburg							
2007-08	424	67.5	87.3	71.3	56.8	42.8	0
2008-09	436	67.5	89.1	72.7	56.8	45.2	0
2009-10	457	68.8	92.3	75.4	58.3	45.0	0
2010-11	462	72.0	97.6	78.6	61.3	47.3	0
2011-12	462	70.3	97.3	79.2	61.1	47.9	0
2012-13	469	68.7	88.7	78.4	59.9	46.3	0
California							
2007-08	331	71.0	93.2	71.4	63.0	46.8	24.2
2008-09	318	74.2	96.3	71.1	66.3	54.9	46.3
2009-10	316	72.7	92.5	72.2	65.1	52.3	72.1
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
Cheyney							
2007-08	102	70.8	102.1	105.5	67.2	49.0	na
2008-09	98	62.5	110.8	88.4	54.9	35.5	na
2009-10	99	75.7	113.5	87.4	63.5	55.4	na
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
Clarion							
2007-08	305	69.1	90.0	71.6	60.7	40.4	na
2008-09	330	68.3	89.4	73.5	61.5	44.5	na
2009-10	342	70.4	90.6	74.9	65.3	46.5	na
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
East Stroudsburg							
2007-08	357	65.4	85.6	69.7	57.3	42.4	na
2008-09	370	67.2	89.2	70.2	59.8	44.5	na
2009-10	378	68.9	91.3	73.6	60.1	45.4	na
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
Edinboro							
2007-08	370	70.7	93.7	74.8	60.9	42.8	0.0
2008-09	382	70.5	90.9	73.1	61.5	44.1	32.9
2009-10	394	70.2	92.0	72.9	61.9	44.2	43.9
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

Continued

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK ¹
 2012-13, CHANGE FROM 2011-12 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2007-08 to 2012-13)
 (Dollars in thousands)

University	FTE instructional faculty	Average instructional salaries					
		All faculty	Professor	Associate Professor	Assistant Professor	Instructor	No rank ²
Indiana							
2007-08	707	67.2	85.4	72.0	57.0	40.6	21.9
2008-09	722	69.0	88.1	71.6	58.6	42.7	43.8
2009-10	720	73.5	95.4	77.0	60.6	45.7	41.0
2010-11	733	74.6	98.2	76.8	60.1	49.0	45
2011-12	741	75.0	98.8	80.4	58.9	45.1	44
2012-13	711	80.5	119.0	90.9	59.9	47.2	0
Kutztown							
2007-08	452	63.7	90.5	71.5	54.1	41.1	na
2008-09	465	64.7	92.9	72.1	55.6	42.3	36.3
2009-10	478	66.0	93.4	73.3	56.5	42.5	0.0
2010-11	455	71.6	98.8	77.5	60.8	42.9	0
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
Lock Haven							
2007-08	326	50.9	82.2	65.2	36.6	37.4	0
2008-09	303	54.1	83.8	60.0	44.0	42.9	na
2009-10	287	64.0	87.0	65.5	58.9	49.4	na
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
Mansfield							
2007-08	176	66.7	95.5	73.5	58.6	47.4	0.0
2008-09	178	67.4	100.5	74.2	58.8	49.2	0.0
2009-10	175	70.1	101.3	78.3	63.2	49.6	0.0
2010-11	172	70.1	98.3	80.9	63.9	50.9	0
2011-12	161	72.6	98.6	82.9	65.3	50.4	0
2012-13	156	83.8	99.6	82.8	64.5	51.2	0
Millersville							
2007-08	428	64.3	84.9	69.3	55.3	39.5	na
2008-09	421	67.5	90.6	73.9	57.2	40.7	na
2009-10	417	71.3	94.7	76.6	59.0	41.9	na
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
Shippensburg							
2007-08	360	69.8	89.2	71.8	58.0	40.8	na
2008-09	373	69.5	89.8	72.1	57.4	40.9	na
2009-10	371	72.4	93.6	74.6	60.3	41.7	na
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
Slippery Rock							
2007-08	389	63.9	79.9	65.4	57.1	49.2	64.2
2008-09	395	67.5	83.4	70.6	59.9	51.7	38.4
2009-10	398	70.9	93.9	71.7	61.9	51.5	31.2
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
West Chester							
2007-08	689	61.4	87.0	71.7	58.0	39.3	27.9
2008-09	700	63.2	90.5	74.7	60.3	40.6	23.5
2009-10	716	65.9	92.3	76.6	63.0	41.8	30.8
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	a

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

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, 2008 to 2013.

Historical Table 6
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL¹
 2007-08 to 2012-13

University	Lower division					Upper division					Total undergraduate					Masters								
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
State-related																								
Lincoln	\$ 2649	\$ 2768	\$ 2809	\$ 3186	\$ 2933	\$ 3010	\$ 4895	\$ 4226	\$ 4104	\$ 3517	\$ 5053	\$ 3440	\$ 3093	\$ 3078	\$ 3119	\$ 3277	\$ 3363	\$ 3086	\$ 2253	\$ 2155	\$ 1920	\$ 1445	\$ 3150	\$ 4985
Penn State	2,038	2,070	2,019	2,063	3,093	4,555	4,135	4,001	3,873	3,984	4,193	4,101	2,796	2,836	2,765	2,840	3,548	3,120	6,354	6,810	7,693	7,343	6,592	6,972
Pittsburgh	2,342	2,301	2,106	2,227	2,467	2,502	3,925	4,043	3,802	3,865	4,258	4,299	2,884	2,889	2,685	2,785	3,077	3,218	5,489	5,437	5,422	5,197	4,539	4,822
Temple	2,011	2,105	2,146	2,224	2,668	3,222	3,178	3,281	3,319	3,578	3,763	3,920	2,640	2,740	2,798	2,982	3,724	3,615	4,924	5,355	5,281	5,486	5,884	4,199
Total	2,111	2,139	2,077	2,147	2,772	3,219	3,817	3,801	3,704	3,843	4,048	3,989	2,782	2,826	2,762	2,867	3,300	3,375	5,421	5,606	5,771	5,684	5,356	5,350
State-owned																								
Bloomsburg	2,611	2,626	2,618	2,580	2,303	2,720	4,860	4,922	4,925	5,015	5,015	4,309	3,256	3,284	3,253	3,252	3,071	3,198	4,433	4,500	4,432	4,644	6,497	6,419
California	2,308	2,288	2,097	2,379	2,025	2,550	3,688	3,491	3,324	3,668	3,899	3,820	2,890	2,797	2,620	2,967	2,863	3,141	2,976	2,876	2,433	2,744	3,097	3,383
Cheyney	4,289	3,649	3,377	3,516	4,262	4,082	5,874	5,118	8,636	7,784	7,747	3,902	4,724	4,034	4,892	4,647	5,172	4,060	5,798	5,510	12,079	14,786	15,916	6,624
Clarion	2,429	2,728	2,891	2,976	3,167	3,034	5,466	5,335	5,306	5,137	5,824	5,780	3,248	3,479	3,610	3,666	4,090	3,910	5,255	4,883	4,638	4,642	4,553	4,327
East Stroudsburg	2,643	2,653	2,633	2,670	1,163	3,049	5,146	5,704	5,880	5,725	7,123	4,394	3,456	3,665	3,673	3,672	3,181	2,385	4,168	4,118	4,238	4,954	6,862	6,201
Edinboro	2,784	3,002	2,828	2,987	2,633	3,742	5,387	5,534	5,290	5,173	5,746	4,471	3,835	4,025	3,778	3,789	3,791	4,022	4,984	1,501	4,447	4,535	4,866	5,115
Indiana	2,348	2,451	2,526	2,526	2,332	3,323	4,898	5,121	5,408	5,227	5,213	5,174	3,123	3,255	3,384	3,338	3,242	3,911	5,060	5,300	5,989	6,596	6,110	4,233
Kutztown	1,907	1,940	2,009	2,066	2,779	2,511	4,686	4,848	4,818	4,820	4,572	4,100	2,919	3,012	3,072	3,130	3,566	3,213	5,109	5,523	5,506	5,799	5,366	5,561
Lock Haven	2,374	2,227	3,047	3,040	4,642	4,723	4,850	4,952	4,838	4,890	6,567	6,497	3,063	2,951	3,521	3,547	5,182	5,224	3,330	3,816	3,636	3,468	3,837	3,979
Mansfield	3,060	2,916	2,811	2,977	3,219	4,031	4,474	4,902	5,211	4,895	4,694	5,225	3,667	3,759	3,813	3,753	3,843	4,551	5,659	4,983	2,992	3,839	4,271	7,985
Millersville	2,817	2,968	2,994	3,122	2,859	3,281	4,453	4,628	4,675	4,678	3,883	4,021	3,435	3,590	3,628	3,723	3,258	3,572	3,748	4,169	4,209	4,266	4,913	4,408
Shippensburg	2,805	2,798	2,778	2,829	2,517	3,437	4,885	5,072	4,995	5,333	5,899	4,406	3,479	3,503	3,464	3,580	3,493	3,751	4,566	4,594	4,818	5,397	7,378	7,926
Slippery Rock	2,604	2,724	2,782	2,885	2,552	2,642	3,712	3,906	4,107	4,241	4,793	4,525	3,020	3,166	3,284	3,405	3,412	3,765	3,971	4,121	4,027	4,010	5,159	5,397
West Chester	2,565	2,674	2,661	2,719	2,461	2,669	4,342	4,350	4,424	4,569	4,778	4,458	3,225	3,310	3,323	3,405	3,336	3,399	5,136	5,160	5,343	5,445	6,012	5,604
Total	2,520	2,576	2,646	2,716	2,465	3,115	4,608	4,727	4,817	4,833	5,222	4,565	3,238	3,316	3,393	3,450	3,458	3,642	4,431	4,455	4,436	4,638	5,404	4,872
All universities	2,299	2,342	2,416	2,416	2,648	4,026	4,139	4,163	4,135	4,231	4,495	3,617	2,983	3,040	3,037	3,124	3,373	3,855	4,974	5,087	5,156	5,151	5,368	5,345

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 SOURCE: Data provided by the individual universities, 2008 to 2013.

Historical Table 7
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL¹
 2007-08 TO 2012-13

University	Lower division				Upper division				Total undergraduate				Masters					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
State-related																		
Lincoln	\$90	\$92	\$94	\$106	\$98	\$100	\$163	\$141	\$137	\$117	\$168	\$115	\$103	\$94	\$90	\$80	\$60	\$208
Penn State	68	69	67	70	69	103	138	133	129	133	140	137	93	95	92	95	118	104
Pittsburgh	78	77	70	74	82	83	131	135	127	129	142	143	96	96	90	93	103	107
Temple	67	70	72	74	89	107	106	109	111	119	125	131	88	91	93	99	124	121
Total	70	71	69	72	91	107	127	127	123	128	135	133	93	94	92	96	110	113
State-owned																		
Bloomburg	87	88	87	86	77	91	162	164	164	167	167	144	109	109	108	108	102	107
California	77	76	70	79	68	85	123	116	111	122	130	127	96	93	87	99	95	105
Cheyney	143	122	113	117	142	136	196	171	288	259	258	300	157	134	163	155	172	135
Clarion	81	91	96	99	106	101	182	178	177	171	194	193	108	116	120	122	136	130
East Stroudsburg	88	88	88	89	39	102	172	190	196	191	237	146	115	122	122	106	79	134
Edinboro	93	100	94	100	88	125	180	184	176	172	192	149	128	134	126	126	134	134
Indiana	78	82	84	84	78	111	163	171	180	174	174	172	104	109	113	111	108	130
Kutztown	64	65	67	69	93	84	156	162	161	161	152	137	97	100	102	104	119	107
Lock Haven	79	74	102	101	155	157	162	165	161	163	219	217	102	98	117	118	173	174
Mansfield	102	97	94	99	107	134	149	163	174	163	156	174	122	125	127	125	128	152
Millersville	94	99	100	104	95	109	148	154	156	156	129	134	115	120	121	124	109	119
Shippensburg	94	93	93	93	84	115	163	169	167	178	187	147	116	117	115	119	116	125
Slippery Rock	87	91	93	96	84	88	124	130	137	141	160	151	101	106	109	114	114	126
West Chester	86	89	89	91	82	89	145	145	147	152	159	149	108	110	111	114	111	113
Total	84	86	88	91	82	104	154	158	161	161	174	152	108	111	113	115	115	121
All universities	77	78	78	81	88	134	138	139	138	141	150	121	99	101	101	104	112	129

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, 2007 to 2013.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL¹
2007-08 to 2012-13

University	Lower division			Upper division			Total undergraduate			Masters										
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13		
State-related																				
Lincoln	24	24	25	25	11	23	15	17	18	18	6	20	22	22	23	23	8	22	4	11
Penn State	31	31	31	31	31	7	25	26	26	26	26	7	29	29	29	29	29	7	9	9
Pittsburgh	29	30	31	31	31	31	23	24	25	24	24	26	27	28	28	28	29	29	18	20
Temple	30	29	30	30	33	34	24	24	25	25	26	27	27	27	27	27	29	30	14	16
Total	30	30	31	31	31	13	24	25	26	25	25	14	28	28	28	28	28	13	9	9
State-owned																				
Bloomsburg	30	30	31	33	33	32	18	18	18	19	19	20	26	26	26	26	28	28	11	11
California	32	31	36	39	44	40	22	22	24	24	24	26	27	27	27	27	32	32	24	24
Cheyney	23	25	39	32	39	22	19	20	15	15	28	23	22	23	23	25	36	22	8	11
Clanton	35	33	32	31	26	29	15	16	17	18	14	15	26	26	26	25	20	23	14	16
East Stroudsburg	26	30	30	30	35	37	20	21	21	22	24	26	24	27	27	27	30	32	15	14
Edinboro	29	28	29	29	30	28	21	22	22	22	21	23	25	25	25	25	26	26	17	16
Indiana	34	34	35	34	35	35	18	18	18	20	20	22	27	27	27	27	29	29	12	13
Kutztown	35	36	35	37	35	32	17	17	17	18	19	21	26	26	26	26	27	27	11	13
Lock Haven	29	30	28	29	32	29	13	13	20	20	22	21	22	22	22	22	26	26	26	27
Mansfield	25	25	29	26	28	28	17	16	15	17	19	21	21	21	21	21	24	25	18	11
Millersville	29	29	30	30	32	29	22	22	23	24	24	24	26	26	26	26	28	27	16	17
Shippensburg	30	30	31	32	31	29	19	19	22	22	19	23	25	26	26	26	28	27	13	10
Slippery Rock	32	33	33	32	33	31	20	21	21	21	20	18	26	27	27	27	26	24	14	15
West Chester	27	27	29	30	31	31	16	17	17	17	18	18	22	22	22	22	24	24	12	12
Total	30	31	32	32	33	32	18	19	19	20	20	21	25	25	25	25	27	27	15	15
All universities	30	30	31	31	32	17	22	22	23	23	23	16	26	27	27	27	14	17	28	11

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 2008 to 2013.

Historical Table 9

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS¹
 2007-08 to 2012-13
 (in millions)

University	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
State-related						
Lincoln	\$13.8	\$13.6	\$13.6	\$13.6	\$10.6	\$85.8
Penn State	263.5	267.5	263.9	264.3	203.4	163.5
Pittsburgh	164.3	156.8	156.8	157.2	127.3	119.5
Temple	172.9	165.0	165.0	165.0	132.9	113.5
Total	614.5	602.8	599.3	600.1	474.2	396.4
State-owned						
Bloomsburg	36.9	36.4	33.5	34.2	33.1	33.5
California	34.6	35.3	32.7	32.4	29.2	30.5
Cheyney	14.7	15.3	14.1	13.8	13.4	12.8
Clarion	27.2	27.5	25.7	24.9	23.4	22.6
East Stroudsburg	25.9	26.0	24.8	24.3	21.5	20.8
Edinboro	29.2	28.3	25.6	26.6	25.3	25.5
Indiana	63.8	61.5	55.6	56.4	51.4	53.0
Kutztown	40.8	40.8	37.7	37	34.9	33.8
Lock Haven	23.5	22.9	21.5	21.4	19.8	19.6
Mansfield	19.3	19.0	18.2	18.2	17.4	17.0
Millersville	38.1	37.1	33.8	33.3	30.5	30.3
Shippensburg	33.8	32.4	30.5	30.7	28.4	28.0
Slippery Rock	38.2	37.8	35.9	35.1	32.5	32.0
West Chester	53.8	52.9	49.5	50.7	47.4	48.9
Total²	479.8	473.1	439.1	439.0	408.2	408.3
All universities²	1094.3	1075.9	1038.4	1039.1	882.4	804.7

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, 2007-08 to 2012-13; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2008 to 2013. FTE students - data provided by the individual universities, 2008 to 2013.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS
BY ACADEMIC LEVEL AND RESIDENCE
2007-08 to 2012-2013

University	Undergraduate		Graduate	
	In-State	Out-of-State	In-State	Out-of-State
State-related				
Lincoln				
2007-08	\$7,432	\$11,862	\$9,318	\$15,832
2008-09	8,250	12,586	9,646	16,388
2009-10	8,222	12,966	9,939	16,883
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
Penn State				
Main Campus				
2007-08	12,844	14,508	14,508	25,710
2008-09	13,706	15,468	15,468	27,084
2009-10	14,116	16,258	16,258	28,210
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
Pittsburgh				
Main Campus				
2007-08	12,876	22,386	15,530	27,570
2008-09	13,642	23,290	16,462	28,686
2009-10	14,154	23,852	17,092	29,384
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
Temple				
2007-08	10,802	19,320	13,534	19,510
2008-09	11,448	20,468	14,342	20,678
2009-10	11,764	21,634	14,850	21,254
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
State-owned				
Bloomsburg				
2007-08	6,623	14,479	7,702	11,521
2008-09	6,848	14,978	7,964	11,914
2009-10	7,110	15,546	8,267	12,371
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
California				
2007-08	6,851	10,046	8,117	11,936
2008-09	73,115	10,623	8,390	12,340
2009-10	7,676	11,114	9,037	13,141
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
Cheyney				
2007-08	6,412	14,268	6,859	10,678
2008-09	7,089	15,219	7,331	11,281
2009-10	7,360	15,796	7,642	11,746
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
Clarion				
2007-08	6,865	12,132	8,044	11,862
2008-09	7,102	12,552	8,386	12,336
2009-10	7,380	13,038	8,780	12,884
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
East Stroudsburg				
2007-08	6,809	14,664	7,655	11,474
2008-09	7,090	15,220	7,981	11,931
2009-10	7,394	15,830	8,312	12,416
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

Continued

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS
BY ACADEMIC LEVEL AND RESIDENCE
2007-08 to 2012-2013

University	Undergraduate		Graduate	
	In-State	Out-of-State	In-State	Out-of-State
Edinboro	6,767	9,445	8,218	12,037
2007-08				
2008-09	7,042	9,814	8,543	12,493
2009-10	7,316	10,198	8,872	12,976
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
Indiana				
2007-08	6,695	14,550	7,544	11,363
2008-09	6,958	15,089	7,978	11,928
2009-10	7,209	15,645	8,284	12,388
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
Kutztown				
2007-08	6,873	14,729	7,532	11,351
2008-09	7,126	15,256	7,790	11,740
2009-10	7,397	15,833	8,092	12,196
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
Lock Haven				
2007-08	6,697	12,534	8,129	11,948
2008-09	6,917	13,047	8,418	12,368
2009-10	7,201	13,637	8,654	12,758
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
Mansfield				
2007-08	7,004	14,860	7,501	11,320
2008-09	7,359	15,488	7,755	11,705
2009-10	7,756	16,190	8,054	12,158
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
Millersville				
2007-08	6,624	14,480	7,656	11,475
2008-09	6,866	14,996	7,934	11,884
2009-10	7,147	15,563	8,245	12,349
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
Shippensburg				
2007-08	6,849	14,704	7,301	11,120
2008-09	7,099	15,229	7,557	11,507
2009-10	7,444	15,880	7,994	12,098
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
Slippery Rock				
2007-08	6,671	9,348	8,176	12,554
2008-09	6,934	9,706	8,491	13,020
2009-10	7,235	10,116	8,850	13,554
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
West Chester				
2007-08	6,676	14,532	7,391	11,210
2008-09	6,737	14,867	7,643	11,593
2009-10	7,211	15,647	8,201	12,305
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

1. Excludes first-professional level.

SOURCE: Data provided by the Pennsylvania Department of Education, College and University Student Charges, 2008 to 2013.

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:

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

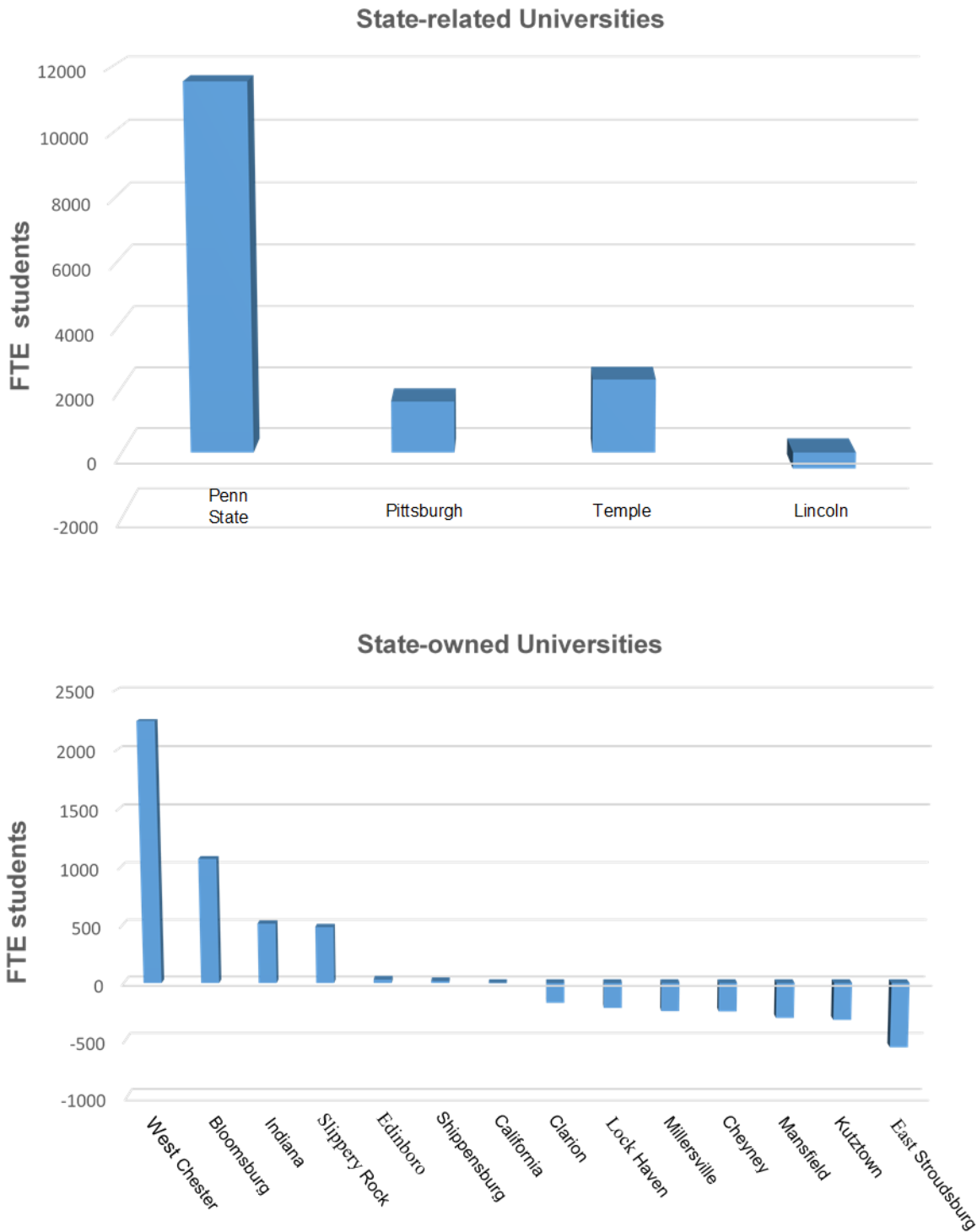
The two terms on the right-hand side of this equation illustrate the two different kinds of factors which determine FTE instructional salary cost.

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.

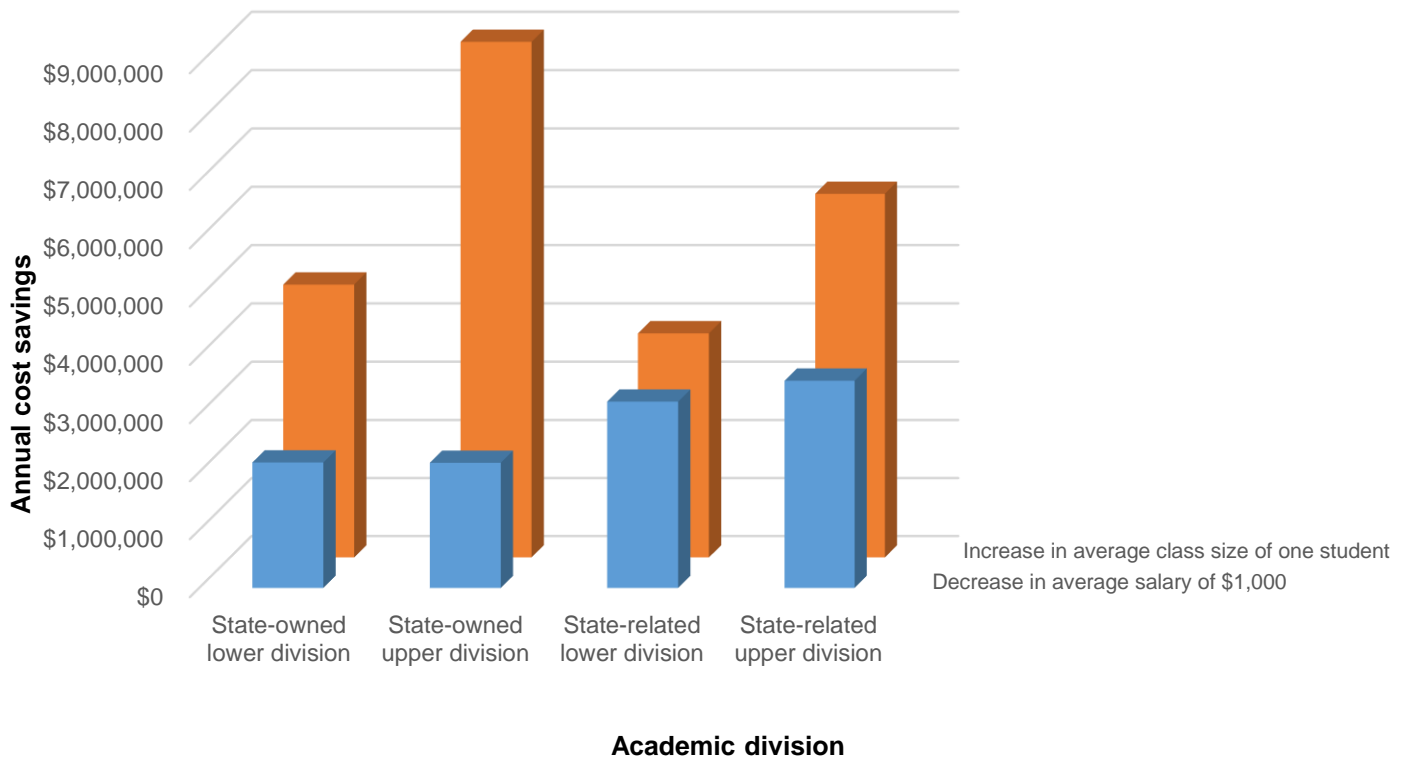
Average instructional faculty salary cost per FTE student, or FTE instructional salary cost, equals the FTE instructional salary cost per student credit hour times 30 for undergraduate students, and times 24 for graduate students.

CHANGES IN FTE STUDENT ENROLLMENTS IN THE STATE-RELATED
AND STATE-OWNED UNIVERSITIES
2007-08 to 2012-13



Source: Data provided by the individual universities, 2008 to 2013.

**ESTIMATED ANNUAL COST SAVINGS
FROM A DECREASE IN AVERAGE SALARY AND AN INCREASE IN
AVERAGE CLASS SIZE¹
FOR THE STATE-RELATED AND STATE-OWNED UNIVERSITIES
2012-2013**



1. The estimated total annual cost savings to be expected from decreasing average FTE instructional faculty salary by \$1,000 at the State-related and State-owned universities would be slightly over \$11 million, and from increasing average class (section) size by one student more than \$23.5 million. The model on which these estimates are based is given in the Appendix.

Source: Data provided by the individual universities, 2013.