

**JOINT STATE
GOVERNMENT COMMISSION**
General Assembly of the Commonwealth of Pennsylvania

**INSTRUCTIONAL OUTPUT AND
FACULTY SALARY COSTS
OF THE STATE-RELATED AND
STATE-OWNED UNIVERSITIES
STAFF ANALYSIS OF 2013-14
DATA REPORTED UNDER
THE PUBLIC SCHOOL CODE OF 1949**

MARCH 2015



JOINT STATE GOVERNMENT COMMISSION
Serving the Pennsylvania General Assembly Since 1937

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FOREWORD

This 42nd 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 2013-14 and data trends for 2008-09 to 2013-14 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.

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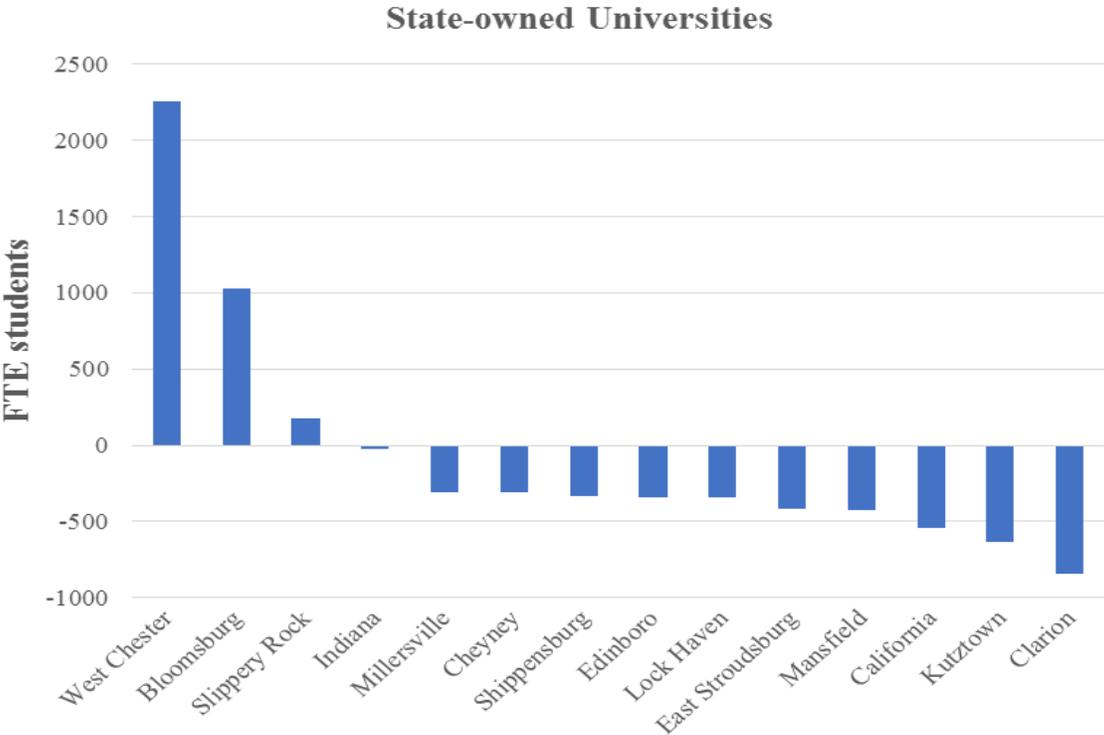
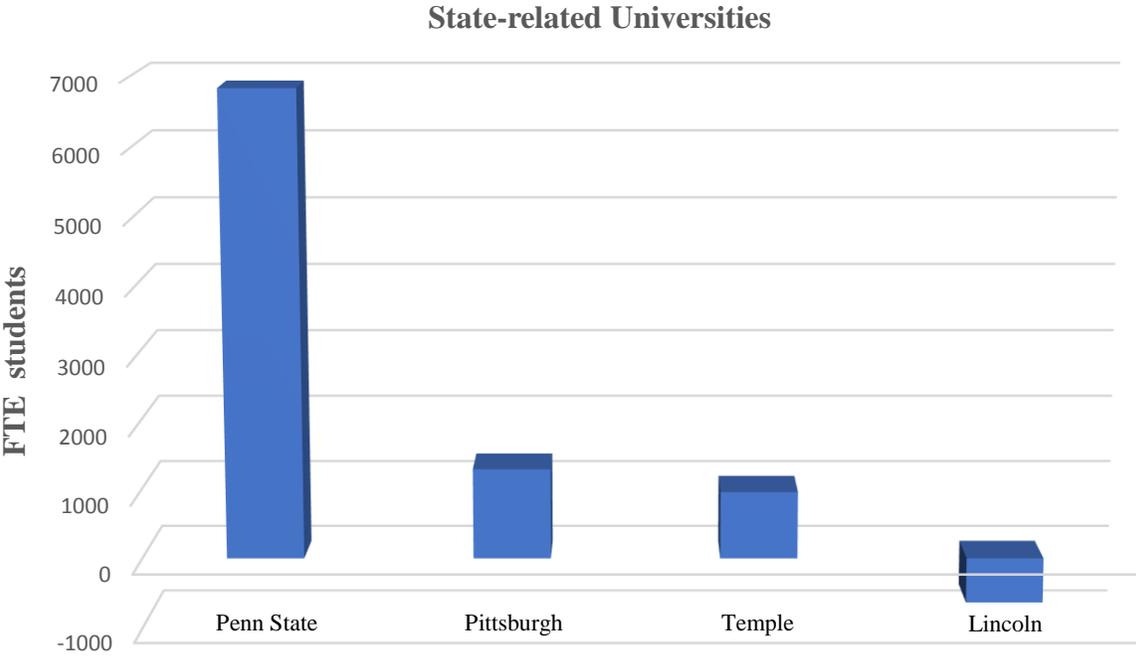
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**CHANGES IN FTE STUDENT ENROLLMENTS IN THE STATE-RELATED
AND STATE-OWNED UNIVERSITIES
2008-09 to 2013-14**



Source: Data provided by the individual universities, 2009 to 2014.

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I. CURRENT YEAR DATA TABLES

Table 1
 FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
 2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

University	Total				Undergraduate				Graduate ²				
	FTE Students	One-year change	Percentage change		FTE students	One-year change	Percentage change		FTE students	One-year change	Percentage change		
			One-year	Five-year average			One-year	Five-year average			One-year	Five-year average	
State-related													
Lincoln	1,870	-115	-6%	-6%	1,558	-57	-4%	-4%	313	-58	16%	9%	
Penn State	85,004	1,203	1	2	76,688	1,033	1	2	8,316	170	2	2	
Pittsburgh	34,153	-85	a	1	24,986	237	1	1	9,167	-322	-3	a	
Temple	34,611	321	1	1	27,540	371	1	1	7,071	-50	-1	a	
Total	155,638	1324	1	1	130,772	1,584	1	2	24,866	-260	-1	1	
State-owned													
Bloomsburg	9,644	116	1	2	9,053	193	2	3	591	-77	-12	-1	
California	7,853	-249	-3	-1	6,084	-181	-3	-2	1,769	-68	-4	5	
Cheyney	1,161	-87	-7	-5	1,140	-69	-6	-3	21	-18	-47	-26	
Clarion	5,377	-567	-10	-3	4,806	-432	-8	-3	572	-135	-19	-3	
East Stroudsburg	6,280	250	4	-1	5,794	232	4	-1	486	18	4	-6	
Edinboro	6,243	-387	-6	-1	5,402	-252	-4	-1	841	-135	-14	-1	
Indiana	13,917	-576	-4	a	12,399	-472	-4	a	1,519	-103	-6	-3	
Kutztown	8,862	-229	-3	-1	8,431	-285	-3	-1	430	55	15	-5	
Lock Haven	5,121	-78	-2	-1	4,685	-112	-2	-2	436	34	8	7	
Mansfield	2,698	-76	-3	-3	2,584	-59	-2	-2	114	-17	-13	-12	
Millersville	7,485	-202	-3	-1	6,889	-163	-2	a	596	-39	-6	-6	
Shippensburg	6,884	-178	-3	-1	6,288	-190	-3	-1	596	12	2	-1	
Slippery Rock	8,541	-136	-2	a	7,727	-200	-3	a	814	64	9	1	
West Chester	14,796	253	2	3	13,336	199	2	4	1,460	54	4	a	
Total	104,286	-2,722	-3	a	94,094	-2,315	-2	a	10,193	-407	-4	-2	
All universities	259,924	-1,398	-1	1	224,866	-731	a	1	35,059	-667	-2	a	

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, Slippery Rock, and West Chester 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 2014.

Table 2
 FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL¹
 2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

University	Lower Division			Upper Division			Master's			First professional ² and doctor's		
	FTE Students	Percentage change		FTE students	Percentage change		FTE students	Percentage change		FTE students	Percentage change	
		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average
State-related												
Lincoln	1,177	-2%	-5%	380	9%	2%	313	16%	9%	na	na	na
Penn State	41,099	1	-1	35,589	2	5	3,781	-9	10	4,536	13%	a
Pittsburgh	16,355	1	1	8,631	2	1	6,017	-3	1	3,150	-4	a
Temple	12,161	2	a	15,379	1	1	3,060	2	a	4,011	-3	a
Total	70,792	1	a	59,980	1	3	13,170	a	2	11,696	5	a
State-owned												
Bloomsburg	6,473	1	3	2,580	5	3	531	-12	-2	60	-9	5%
California	3,402	2	-3	2,682	-8	-1	1,769	-4	-5	na	na	na
Cheyney	690	-11	-7	451	3	6	21	-47	-26	na	na	na
Clarion	3,143	-12	-4	1,663	a	1	572	-19	-3	na	na	na
East Stroudsburg	3,873	3	-1	1,921	5	4	463	4	-7	23	-1	19
Edinboro	3,287	-6	a	2,115	-3	-2	841	-14	-1	na	na	na
Indiana	8,370	-5	a	4,029	-2	2	896	-8	-4	623	-4	-1
Kutztown	4,608	-5	-4	3,823	-1	3	430	15	-5	na	na	na
Lock Haven	3,295	-4	-3	1,390	3	a	436	8	7	na	na	na
Mansfield	1,486	a	-2	1,098	-5	-2	114	-13	-12	na	na	na
Millersville	4,189	-2	-1	2,700	-3	1	596	-6	-6	na	na	na
Shippensburg	4,248	-3	-1	2,040	-3	a	596	2	-1	na	na	na
Slippery Rock	4,600	-4	-1	3,128	a	2	567	13	1	247	-1	3
West Chester	8,166	1	3	5,171	2	4	1,452	3	a	8	na	na
Total	59,503	-3	-1	34,594	-1	1	9,234	-4	-2	959	-3	a
All universities	130,295	-1	-1	94,574	a	3	22,404	-2	a	12,655	5	a

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 2014.

Table 3A
LINCOLN UNIVERSITY
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2013-14

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	-	-	-	-	-	-	-	-
Area, Ethnic, Cultural and Gender Studies	57	3%	57	5%	-	-	-	-
Business	145	8	31	3	83	22%	31	10%
Communications	44	2	17	1	27	7	-	-
Computer and Information Sciences and Support Services	48	3	37	3	11	3	-	-
Personal and Culinary Services	-	-	-	-	-	-	-	-
Education	122	7	54	5	8	2	61	20
Engineering	-	-	-	-	-	-	-	-
Foreign Languages, Literature and Linguistics	72	4	65	6	8	2	-	-
Health Professions and Related Clinical Sciences	113	6	78	7	34	9	-	-
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-	-	-
Legal Professions and Studies	-	-	-	-	-	-	-	-
English Language and Literature/Letters	182	10	161	14	21	6	-	-
Liberal Arts and Sciences, General Studies and Humanities	-	-	-	-	-	-	-	-
Library Science	-	-	-	-	-	-	-	-
Biological and Biomedical Sciences	109	6	90	8	19	5	-	-
Mathematics and Statistics	143	8	143	12	1	a	-	-
Military Technologies	-	-	-	-	-	-	-	-
Multi/Interdisciplinary Studies	-	-	-	-	-	-	-	-
Parks, Recreation, Leisure and Fitness Studies	-	-	-	-	-	-	-	-
Personal and Social Development	-	-	-	-	-	-	-	-
Philosophy and Religion/Theology	66	4	63	5	4	1	-	-
Physical Sciences	108	6	100	9	8	2	-	-
Psychology	60	3	30	3	30	8	-	-
Security and Protective Services/ Public Administration and Services	235	13	-	a	15	4	220	70
Social Sciences and History	231	12	127	11	104	27	-	-
Trade and Industrial	-	-	-	-	-	-	-	-
Visual and Performing Arts	86	5	77	7	9	2	-	-
Other	46	2	45	4	1	a	-	-
Total³	1,868	100	1,174	100	382	100	313	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, 2014; 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
2013-14

CIP Classification	Total	Percentage of Total	Undergraduate				Graduate ²	Percentage of total
			Lower Division	Percentage of total	Upper division	Percentage of total		
Agriculture	1,419	2%	349	1%	895	3%	176	2%
Architecture and Related Services	416	a	177	a	207	1	32	a
Area, Ethnic, Cultural and Gender Studies	975	1	504	1	415	1	56	1
Business	9,188	11	2,698	7	5,334	15	1,156	14
Communications	4,107	5	2,113	5	1,901	5	93	1
Computer and Information Sciences and Support Services	2,495	3	1,006	2	1,237	3	252	3
Personal and Culinary Services	-	-	-	-	-	-	-	-
Education	2,524	3	436	1	1,025	3	1,063	13
Engineering	7,304	9	1,591	4	4,426	12	1,288	15
Foreign Languages, Literature and Linguistics	3,684	4	2,218	5	1,259	4	207	2
Health Professions and Related Clinical Sciences	2,956	3	694	2	1,937	5	325	4
Family and Consumer Sciences/ Human Sciences	2,340	3	1,038	3	1,201	3	101	1
Technology Education/Industrial Arts	-	-	-	-	-	-	-	-
Legal Professions and Studies	705	1	-	-	1	a	704	8
English Language and Literature/Letters	4,435	5	2,783	7	1,546	4	105	1
Liberal Arts and Sciences, General Studies and Humanities	191	a	109	a	79	a	3	a
Library Science	4	a	1	a	3	a	-	-
Biological and Biomedical Sciences	5,032	6	2,770	7	1,909	5	353	4
Mathematics and Statistics	8,225	10	6,712	16	1,084	3	429	5
Military Technologies	118	a	68	a	50	a	-	-
Multi/Interdisciplinary Studies	198	a	116	a	26	a	55	1
Parks, Recreation, Leisure and Fitness Studies	2,372	3	868	2	1,444	4	59	1
Personal and Social Development	40	a	33	a	7	a	-	-
Philosophy and Religion/Theology	1,172	a	752	2	391	1	30	a
Physical Sciences	7,146	8	4,532	11	1,911	5	703	8
Psychology	3,556	4	1,658	4	1,609	5	289	3
Security and Protective Services/ Public Administration and Services	1,185	1	421	1	669	2	95	1
Social Sciences and History	8,359	10	5,012	12	2,768	8	580	7
Trade and Industrial	5	a	-	-	5	a	-	-
Visual and Performing Arts	4,348	5	2,440	6	1,746	5	162	2
Other	508	1	-	-	508	1	-	-
Total³	85,006	100	41,099	100	35,592	100	8,316	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 Pennsylvania State University, 2014; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?v=55> U.S. Department of Education, National Center for Education Statistics.

Table 3C
UNIVERSITY OF PITTSBURGH
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2013-14

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	-	-	-	-	-	-	-	-
Area, Ethnic, Cultural and Gender Studies	148	a	106	1%	42	a	-	-
Business	2,850	8%	613	4	1,284	15%	953	10%
Communications	-	-	-	-	-	-	-	-
Computer and Information Sciences and Support Services	1,185	3	623	4	257	3	305	3
Personal and Culinary Services	-	-	-	-	-	-	-	-
Education	1,401	4	342	2	406	5	653	7
Engineering	2,412	7	828	5	867	10	717	8
Foreign Languages, Literature and Linguistics	1,466	4	998	6	392	5	76	1
Health Professions and Related Clinical Sciences	5,322	16	544	3	1,165	13	3,613	39
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-	-	-
Legal Professions and Studies	726	2	-	-	1	a	725	8
English Language and Literature/Letters	2,686	8	1,979	12	631	7	76	1
Liberal Arts and Sciences, General Studies and Humanities	-	-	-	-	-	-	-	-
Library Science	174	1	1	a	3	a	170	2
Biological and Biomedical Sciences	1,508	4	911	6	485	6	112	1
Mathematics and Statistics	2,158	6	1,654	10	385	4	119	1
Military Technologies	22	a	11	a	11	a	-	-
Multi/Interdisciplinary Studies	992	3	569	3	378	4	46	a
Parks, Recreation, Leisure and Fitness Studies	-	-	-	-	-	-	-	-
Personal and Social Development	-	-	-	-	-	-	-	-
Philosophy and Religion/Theology	648	2	421	3	198	2	29	a
Physical Sciences	2,793	8	2,324	14	216	3	252	3
Psychology	1,548	5	973	6	367	4	208	2
Security and Protective Services/ Public Administration and Services	1,405	4	134	1	390	5	881	10
Social Sciences and History	3,560	10	2,419	15	993	12	148	2
Trade and Industrial	-	-	-	-	-	-	-	-
Visual and Performing Arts	1,150	3	905	6	160	2	85	1
Other	-	-	-	-	-	-	-	-
Total³	34,153	100	16,355	100	8,631	100	9,167	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 mater'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 University of Pittsburgh, 2014; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?v=55> U.S. Department of Education, National Center for Education Statistics.

Table 3D
 TEMPLE UNIVERSITY
 NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2013-14

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	474	1%	169	1%	226	2%	79	1%
Area, Ethnic, Cultural and Gender Studies	546	2	281	2	253	2	12	a
Business	4,783	15	1,175	10	2,853	19	755	13
Communications	2,055	6	669	6	1,330	9	56	1
Computer and Information Sciences and Support Services	479	1	190	2	241	2	48	1
Personal and Culinary Services	-	-	-	-	-	-	-	-
Education	1,445	4	477	4	659	4	309	5
Engineering	954	3	352	3	544	4	58	1
Foreign Languages, Literature and Linguistics	1,199	4	558	5	626	4	15	a
Health Professions and Related Clinical Sciences	3,151	10	211	2	664	5	2,276	39
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-	-	-
Legal Professions and Studies	1,406	4	228	2	177	1	1,001	17
English Language and Literature/Letters	1,391	4	950	8	404	3	37	1
Liberal Arts and Sciences, General Studies and Humanities	1,343	4	1,012	8	328	2	3	a
Library Science	-	-	-	-	-	-	-	-
Biological and Biomedical Sciences	612	2	207	2	378	3	27	a
Mathematics and Statistics	1,486	5	1,021	8	445	3	20	a
Military Technologies	-	-	-	-	-	-	-	-
Multi/Interdisciplinary Studies	11	a	8	a	3	a	-	-
Parks, Recreation, Leisure and Fitness Studies	1,268	4	369	3	843	6	56	1
Personal and Social Development	-	-	-	-	-	-	-	-
Philosophy and Religion/Theology	751	2	339	3	392	3	20	a
Physical Sciences	1,522	5	810	7	663	4	49	1
Psychology	1,542	5	499	4	778	5	265	5
Security and Protective Services/ Public Administration and Services	1,159	4	179	1	543	4	437	7
Social Sciences and History	3,108	10	1,529	13	1,475	10	104	2
Trade and Industrial	-	-	-	-	-	-	-	-
Visual and Performing Arts	1,963	6	840	7	919	6	204	3
Other	-	-	-	-	-	-	-	-
Total³	32,647	100	12,073	100	14,744	100	5,830	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 Temple University, 2014; 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
2013-14

CIP Classification	Total	Percentage of Total	Undergraduate				Graduate ²	Percentage of total
			Lower Division	Percentage of total	Upper division	Percentage of total		
Agriculture	275	a	208	a	62	a	5	a
Architecture and Related Services	787	1%	90	a	690	2%	7	a
Area, Ethnic, Cultural and Gender Studies	687	1	345	1%	339	1	3	a
Business	9,850	9	3,276	5	5,712	16	862	9%
Communications	4,393	4	2,869	5	1,392	4	132	1
Computer and Information Sciences and Support Services	1,851	2	1,253	2	548	2	50	a
Personal and Culinary Services	276	a	179	a	97	a		
Education	11,184	11	2,652	4	5,367	15	3,165	31
Engineering	486	a	168	a	224	1	94	1
Foreign Languages, Literature and Linguistics	2,595	2	2,159	4	367	1	69	1
Health Professions and Related Clinical Sciences	6,663	6	1,841	3	3,095	9	1,727	17
Family and Consumer Sciences/ Human Sciences	585	1	233	a	329	1	23	a
Technology Education/Industrial Arts	283	a	122	a	150	a	11	a
Legal Professions and Studies	317	a	196	a	60	a	61	1
English Language and Literature/Letters	7,304	7	5,554	9	1,560	4	190	2
Liberal Arts and Sciences, General Studies and Humanities	218	a	189	a	24	a	5	a
Library Science	309	a	30	a	26	a	253	3
Biological and Biomedical Sciences	4,881	5	3,532	6	1,237	4	112	1
Mathematics and Statistics	6,605	6	5,801	10	705	2	99	1
Military Technologies	111	a	77	a	34	a	-	-
Multi/Interdisciplinary Studies	727	1	469	1	246	1	12	a
Parks, Recreation, Leisure and Fitness Studies	4,223	4	1,416	2	1,791	5	1,016	10
Personal and Social Development	1,039	1	983	2	51	a	5	a
Philosophy and Religion/Theology	1,981	2	1,662	3	292	1	27	a
Physical Sciences	6,719	6	5,702	9	959	3	58	1
Psychology	6,548	6	3,385	6	2,428	7	735	7
Security and Protective Services/ Public Administration and Services	3,883	4	1,202	2	1,769	5	912	9
Social Sciences and History	13,906	13	9,776	16	3,825	11	305	3
Trade and Industrial	-	-	-	-	-	-	-	-
Visual and Performing Arts	6,682	6	4,620	8	1,910	5	152	2
Other	63	a	34	a	26	a	3	a
Total³	105,431	100	60,023	100	35,315	100	10,093	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/or doctor's level for Bloomsburg, East Stroudsburg, Indiana, Slippery Rock, and West Chester.

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

a. Rounds to less than 1 percent

SOURCE: Data provided by individual State-owned universities, 2014; 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 4
DEGREES CONFERRED¹
2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

University	Total				Undergraduate				Graduate ²			
	Degrees	One-year change	Percentage change		Degrees	One-year change	Percentage change		Degrees	One-year change	Percentage change	
			One-year	Five-year average			One-year	Five-year average			One-year	Five-year average
State-related												
Lincoln	439	-13	-3%	a	279	-18	-6%	2%	160	5	3%	-4%
Penn State	19,685	1,137	6	4%	15,924	915	6	5	3,761	222	6	3
Pittsburgh	8,741	250	3	3	5,414	60	1	2	3,327	190	6	4
Temple	8,623	104	1	2	6,151	76	1	3	2,472	28	1	1
Total	37,488	1,478	2	2	27,768	1,033	1	3	9,720	445	4	1
State-owned												
Bloomsburg	2,175	101	5	3	1,869	165	10	4	306	-64	-17	-1
California	2,488	32	1	3	1,510	40	3	3	978	-8	-1	3
Cheyney	163	-20	-11	-8	153	-9	-6	-2	10	-11	-52	-29
Clarion	1,447	23	2	4	1,050	122	13	5	397	-99	-20	5
East Stroudsburg	1,497	-27	-2	-1	1,290	50	4	1	207	-77	-27	-7
Edinboro	1,576	a	a	1	1,115	58	5	1	461	-58	-11	3
Indiana	3,158	-7	a	2	2,412	-58	-2	3	746	51	7	-1
Kutztown	1,991	-122	-6	-1	1,750	-132	-7	a	241	10	4	-3
Lock Haven	1,046	75	8	4	891	46	5	3	155	29	23	18
Mansfield	612	-70	-10	-3	530	-29	-5	-1	82	-41	-33	-10
Millersville	1,780	62	4	2	1,535	85	6	2	245	-23	-9	2
Shippensburg	1,720	-90	-5	1	1,421	-38	-3	2	299	-52	-15	-4
Slippery Rock	2,043	-130	-6	1	1,727	-119	-6	1	316	-11	-3	a
West Chester	3,973	287	8	5	3,232	260	9	6	741	27	4	4
Total	25,669	114	-1	1	20,485	441	2	2	5,184	-327	-11	-2
All universities	63,157	1,592	1	1	48,253	1,474	1	2	14,904	118	-3	a

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2008 to 2014.

Table 5

NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY
FALL 2013, AND PERCENTAGE CHANGE FROM FALL 2012

University	Full-time employed faculty ¹	Average weekly hours ²										Total work- week	Percent change
		Student contact				Instructional support ³		Research		Other university service ⁴			
		Undergraduate	Percent change	Graduate	Percent change	Instructional support ³	Percent change	Research	Percent change	Other university service ⁴	Percent change		
State-related													
Lincoln	94	10.3	a	1.2	195%	22.2	42%	9.4	10%	11.0	21%	54.1	11%
Penn State	3,900	10.2	-11%	2.8	-3	14.9	4	14.8	1	8.1	5	50.8	a
Pittsburgh	2,033	5.1	1	2.5	a	13.9	a	21.2	-1	9.4	2	52.2	a
Temple	1,343	5.5	a	3.5	-2	18.8	2	14.3	-2	9.9	1	52.0	a
Total	7,370	7.9	-7	2.8	-3	15.4	3	16.4	a	8.8	4	51.4	a
State-owned													
Bloomsburg	445	11.1	-3	1.0	-11	18.1	-1	9.1	3	16.6	a	55.8	-1
California	233	10.3	-14	1.7	5	18.9	28	6.3	21	20.0	-6	57.2	12
Cheyney	57	10.2	11	0.5	-38	na	na	na	a	5.8	na	16.5	65
Clarion	328	9.9	10	1.2	-20	18.0	6	6.9	15	12.6	6	48.6	7
East Stroudsburg	280	16.1	40	1.6	-16	18.2	-10	8.5	8	17.7	2	62.1	5
Edinboro	265	11.9	21	2.0	11	17.6	14	7.7	1	13.9	4	53.1	10
Indiana	664	9.5	-1	1.8	-5	19.2	-1	8.5	a	20.3	3	59.3	1
Kutztown	437	9.9	4	0.7	17	6.8	-53	14.4	122	14.0	4	45.8	3
Lock Haven	251	10.4	-1	0.6	a	18.3	-6	6.2	-6	18.3	8	53.8	-1
Mansfield	166	18.9	15	1.6	78	20.5	18	7.1	9	15.9	9	64.0	15
Millersville	310	10.5	a	0.9	a	16.9	2	8.0	a	17.7	1	54.0	1
Shippensburg	338	8.9	-2	1.0	11	16.6	-5	7.8	-3	17.3	-4	51.6	-3
Slippery Rock	376	11.4	5	0.9	a	18.3	5	8.2	-2	16.7	1	55.5	-1
West Chester	600	10.6	a	1.8	6	17.1	-8	11.1	-8	17.4	1	58.0	-4
Total	4,750	11.0	5	1.3	-7	16.8	-5	8.8	7	16.8	3	54.2	1
All universities	12,120	9.1	-3	2.2	a	15.9	-1	13.4	3	11.9	2	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.

na. Not applicable.

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

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK¹
 2013-14
 (Dollars in thousands)

University	FTE		Average		Professor		Associate professor		Assistant professor		Instructor		No rank ²	
	Instructional faculty		Instructional salary		Average Instructional Salary	Percentage of faculty								
	Number	Percentage Change	Amount	Percentage Change										
State-related														
Lincoln	171	54%	\$41.2	33%	\$76.0	26%	\$66.0	32%	\$55.0	25%	\$13.1	14%	\$48.9	3%
Penn State	4,808	2	74.2	2	122.6	17	86.8	18	73.6	15	52.3	19	54.2	32
Pittsburgh	2,112	1	64.8	10	115.8	28	74.5	22	61.1	20	32.9	8	52.5	22
Temple	1,849	1	68.9	-1	135.1	30	85.1	23	58.1	24	38.1	11	45.9	12
Total	8,940	3	70.4	3	122.7	22	83.2	20	67.1	18	44.0	15	52.0	25
State-owned														
Bloomsburg	477	2	70.3	2	98.5	33	78.5	24	62.0	26	46.2	16	na	na
California	345	a	77.4	3	102.2	36	81.8	31	68.6	20	47.9	13	40.0	a
Cheyney	250	89	21.1	-72	26.4	33	19.3	26	17.5	17	20.1	23	21.5	1
Clarion	287	-14	77.4	9	101.7	43	79.6	20	70.8	18	51.8	18	na	na
East Stroudsburg	300	a	76.5	3	106.4	39	79.0	32	72.8	18	36.7	10	na	na
Edinboro	382	1	72.9	a	98.9	39	78.3	25	63.2	24	41.6	11	na	na
Indiana	696	-2	79.9	-1	112.2	38	86.1	29	60.0	24	50.0	8	57.7	1
Kutztown	457	-2	69.8	9	43.9	7	57.9	29	75.1	34	94.4	31	na	na
Lock Haven	248	-24	79.0	-3	97.5	39	80.7	32	66.2	24	46.6	5	na	na
Mansfield	278	78	39.7	-53	58.9	24	46.3	24	36.5	38	26.7	14	na	na
Millersville	393	-1	70.5	-1	95.8	33	77.5	30	60.3	24	44.0	12	na	na
Shippensburg	369	-3	77.3	1	98.0	39	79.4	34	66.1	20	43.0	7	na	na
Slippery Rock	394	-1	77.7	4	100.2	30	76.5	33	71.5	29	54.9	8	na	na
West Chester	796	3	69.2	2	97.8	31	78.6	27	65.5	23	44.3	19	51.1	a
Total	5,672	2	70.3	-2	94.4	33	73.6	28	62.2	24	47.8	14	50.1	a
All universities	14,612	2	70.3	a	109.0	30	78.4	24	63	20	45.3	12	52.6	13

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

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

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2013 to 2014.

Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL ¹
 2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

University	Undergraduate						Master's					
	Lower Division	Percentage change		Upper Division	Percentage change		Total undergraduate	Percentage change		Total master's	Percentage change	
		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average
State-related												
Lincoln	\$3,137	4%	3%	\$5,775	68%	12%	\$3,781	23%	5%	\$3,763	-25%	23%
Penn State	3,694	2	14	4,233	5	1	3,944	3	7	6,517	2	-1
Pittsburgh	2,724	9	4	4,657	8	3	3,392	5	3	5,012	4	-1
Temple	2,791	-13	7	3,864	-1	3	3,390	-6	5	5,680	35	3
Total	3,316	3	10	4,250	7	2	3,744	11	6	6,178	15	2
State-owned												
Bloomsburg	2,455	-10	-1	5,252	22	2	3,252	2	a	6,913	8	10
California	2,572	1	3	4,143	8	4	3,264	4	3	3,870	14	7
Cheyney	4,201	3	3	4,832	24	7	4,451	10	3	8,936	35	25
Clarion	3,291	8	4	5,261	-9	a	3,973	2	3	5,466	26	3
East Stroudsburg	2,343	-23	17	5,345	22	2	3,338	-1	-2	7,667	24	14
Edinboro	2,974	-21	2	6,191	38	4	4,234	5	1	5,926	16	45
Indiana	2,513	-24	3	5,363	4	1	3,439	-12	2	6,307	49	7
Kutztown	2,751	10	8	4,493	10	-1	3,541	10	4	4,943	-11	-2
Lock Haven	3,488	-26	13	4,780	-26	1	3,871	-26	8	3,425	-14	-2
Mansfield	2,797	-31	1	5,560	6	3	3,971	-13	2	6,725	-16	14
Millersville	3,138	-4	1	4,247	6	-1	3,573	a	a	5,157	17	5
Shippensburg	2,711	-21	1	5,909	34	5	3,749	a	1	8,295	5	13
Slippery Rock	2,660	1	a	4,923	9	5	3,576	-5	3	4,556	-16	3
West Chester	2,562	-4	-1	4,749	7	2	3,410	a	1	6,568	27	5
Total	2,747	-12	2	5,036	10	2	3,589	-1	2	5,683	17	5
All universities	3,070	-24	8	4,554	26	3	3,694	-4	4	5,979	12	3

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 2014.

Table 8A
 LINCOLN UNIVERSITY
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2013-14

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	-	-	-	-	-	-
Architecture and Related Services	-	-	-	-	-	-
Area, Ethnic, Cultural and Gender Studies	\$413	-	-	-	-	-
Business	1,990	\$3,671	\$3,212	\$5,247	-	-
Communications	4,786	6,118	5,592	-	-	-
Computer and Information Sciences and Support Services	4,108	4,409	4,180	-	-	-
Personal and Culinary Services	-	-	-	-	-	-
Education	2,741	15,758	4,359	3,387	-	-
Engineering	-	-	-	-	-	-
Foreign Languages, Literature and Linguistics	2,301	8,525	2,963	-	-	-
Health Professions and Related Clinical Sciences	5,675	9,584	6,861	-	-	-
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-
Legal Professions and Studies	-	-	-	-	-	-
English Language and Literature/Letters	3,042	4,788	3,247	-	-	-
Liberal Arts and Sciences, General Studies and Humanities	-	-	-	-	-	-
Library Science	-	-	-	-	-	-
Biological and Biomedical Sciences	2,558	5,378	3,057	-	-	-
Mathematics and Statistics	3,365	29,651	3,493	-	-	-
Military Technologies	-	-	-	-	-	-
Multi/Interdisciplinary Studies	-	-	-	-	-	-
Parks, Recreation, Leisure and Fitness Studies	-	-	-	-	-	-
Personal and Social Development	-	-	-	-	-	-
Philosophy and Religion/ Theology	3,211	19,953	4,392	-	-	-
Physical Sciences	4,147	24,206	5,671	-	-	-
Psychology	3,459	5,459	4,444	-	-	-
Security and Protective Services/ Public Administration and Services	-	5,219	5,219	3,790	-	-
Social Sciences and History	2,105	3,256	2,623	-	-	-
Trade and Industrial	-	-	-	-	-	-
Visual and Performing Arts	5,026	13,123	5,875	-	-	-
Other	-	-	-	-	-	-
Total	3,137	5,775	3,781	3,763	-	-

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated

SOURCE: Data provided by Lincoln University, 2014; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP) " <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 8B
PENNSYLVANIA STATE UNIVERSITY
AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2013-14

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	\$3,514	\$3,894	\$3,787	\$10,524	-	\$8,527
Architecture and Related Services	5,701	8,533	7,228	17,116	-	-
Area, Ethnic, Cultural and Gender Studies	3,260	4,101	3,640	9,781	-	9,866
Business	3,552	4,742	4,342	5,860	\$4,887	11,499
Communications	3,184	3,830	3,490	8,366	-	3,663
Computer and Information Sciences and Support Services	6,115	5,983	6,042	9,766	-	8,280
Personal and Culinary Services	-	-	-	-	-	-
Education	6,261	5,464	5,702	6,697	3,456	11,868
Engineering	5,810	5,275	5,416	7,694	5,481	7,426
Foreign Languages, Literature and Linguistics	3,387	4,022	3,617	6,179	-	5,076
Health Professions and Related Clinical Sciences	4,778	4,597	4,645	5,415	-	8,046
Family and Consumer Sciences/ Human Sciences	2,530	2,970	2,766	2,700	-	5,580
Technology Education/Industrial Arts	-	-	-	-	-	-
Legal Professions and Studies	-	12,468	12,468	32,137	6,092	-
English Language and Literature/Letters	3,989	4,151	4,047	7,299	-	3,003
Liberal Arts and Sciences, General Studies and Humanities	5,668	4,819	5,311	50,040	-	-
Library Science	5,389	8,385	7,949	-	-	-
Biological and Biomedical Sciences	3,385	3,516	3,438	8,240	4,085	8,067
Mathematics and Statistics	2,711	3,436	2,812	2,788	-	3,417
Military Technologies	-	-	-	-	-	-
Multi/Interdisciplinary Studies	9,424	10,546	9,627	12,373	7,691	-
Parks, Recreation, Leisure and Fitness Studies	3,744	2,899	3,216	8,675	-	5,519
Personal and Social Development	9,501	9,830	9,557	-	-	-
Philosophy and Religion/ Theology	3,312	3,748	3,461	5,832	-	3,304
Physical Sciences	3,649	4,769	3,982	12,099	-	4,981
Psychology	2,790	4,272	3,520	10,518	-	5,635
Security and Protective Services/ Public Administration and Services	3,840	4,493	4,241	9,262	-	15,681
Social Sciences and History	2,758	4,035	3,212	5,261	-	7,936
Trade and Industrial	-	13,763	13,763	-	-	-
Visual and Performing Arts	3,275	3,671	3,440	10,405	-	6,587
Other	-	3	3	-	-	-
Total	3,694	4,233	3,944	6,517	6,080	6,643

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by Pennsylvania State University, 2014; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 8C
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2013-14

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	-	-	-	-	-	-
Architecture and Related Services	-	-	-	-	-	-
Area, Ethnic, Cultural and Gender Studies	\$2,625	\$6,847	\$3,816	-	-	-
Business	3,179	4,391	3,999	\$3,500	\$13,530	\$30,471
Communications	-	-	-	-	-	-
Computer and Information Sciences and Support Services	3,363	4,048	3,563	6,498	-	30,029
Personal and Culinary Services	-	-	-	-	-	-
Education	3,681	6,111	5,000	4,247	-	11,297
Engineering	2,027	3,847	2,957	6,314	-	29,795
Foreign Languages, Literature and Linguistics	3,669	3,830	3,715	7,985	-	17,897
Health Professions and Related Clinical Sciences	2,107	3,629	3,145	5,283	1,443	23,881
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-
Legal Professions and Studies	-	20,218	20,218	57,963	3,378	80,871
English Language and Literature/Letters	2,913	4,846	3,380	6,104	-	7,853
Liberal Arts and Sciences, General Studies and Humanities	-	-	-	-	-	-
Library Science	25,660	2,888	7,625	7,414	-	30,499
Biological and Biomedical Sciences	2,707	5,522	3,685	4,770	-	23,011
Mathematics and Statistics	2,446	3,260	2,599	7,945	-	8,897
Military Technologies	-	-	-	-	-	-
Multi/Interdisciplinary Studies	1,953	3,307	2,494	1,896	295	2,324
Parks, Recreation, Leisure and Fitness Studies	-	-	-	-	-	-
Personal and Social Development	-	-	-	-	-	-
Philosophy and Religion/ Theology	2,557	4,823	3,282	14,320	-	50,385
Physical Sciences	2,858	10,256	3,488	5,455	-	13,286
Psychology	1,149	4,108	1,960	5,105	-	15,380
Security and Protective Services/ Public Administration and Services	2,858	3,153	3,077	4,136	7,245	10,827
Social Sciences and History	2,074	4,790	2,864	14,116	-	28,604
Trade and Industrial	-	-	-	-	-	-
Visual and Performing Arts	2,678	7,011	3,327	8,045	-	47,956
Other	-	-	-	-	-	-
Total	2,724	4,657	3,392	5,012	1,699	19,559

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by University of Pittsburgh, 2014; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 8D
 TEMPLE UNIVERSITY
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2013-14

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	-	-	-	-	-	-
Architecture and Related Services	\$1,655	\$4,851	\$3,484	\$4,665	-	-
Area, Ethnic, Cultural and Gender Studies	1,664	2,800	2,201	7,325	-	\$4,547
Business	1,914	3,334	2,920	4,266	\$3,124	12,621
Communications	1,876	3,310	2,830	9,916	-	19,355
Computer and Information Sciences and Support Services	3,828	6,769	5,473	15,556	-	44,347
Personal and Culinary Services	-	-	-	-	-	-
Education	2,721	3,864	3,384	5,575	-	14,417
Engineering	3,108	4,068	3,691	13,817	-	37,884
Foreign Languages, Literature and Linguistics	2,338	2,821	3,512	2,708	-	6,894
Health Professions and Related Clinical Sciences	4,409	6,733	6,174	11,998	2,411	10,532
Family and Consumer Sciences/ Human Sciences	-	-	-	-	-	-
Technology Education/Industrial Arts	-	-	-	-	-	-
Legal Professions and Studies	2,714	4,316	3,414	6,174	8,407	-
English Language and Literature/Letters	3,155	3,183	3,163	8,494	-	6,458
Liberal Arts and Sciences, General Studies and Humanities	1,794	2,114	1,873	3,767	-	10,583
Library Science	-	-	-	-	-	-
Biological and Biomedical Sciences	1,643	4,218	3,306	10,975	-	35,802
Mathematics and Statistics	1,307	1,928	1,496	9,426	-	15,308
Military Technologies	-	-	-	-	-	-
Multi/Interdisciplinary Studies	3,821	9,353	64,063	-	-	-
Parks, Recreation, Leisure and Fitness Studies	1,283	3,475	2,808	9,524	-	66,839
Personal and Social Development	-	-	-	-	-	-
Philosophy and Religion/ Theology	2,329	2,944	2,659	13,572	-	21,066
Physical Sciences	2,364	3,623	2,931	13,044	-	37,678
Psychology	2,878	6,067	4,821	10,362	-	25,324
Security and Protective Services/ Public Administration and Services	2,400	3,490	3,220	5,282	-	10,521
Social Sciences and History	3,004	3,329	2,625	7,572	7,430	10,764
Trade and Industrial	-	-	-	-	-	-
Visual and Performing Arts	3,456	5,030	4,278	9,992	-	27,121
Other	-	-	-	-	-	-
Total	2,791	3,864	3,390	5,680	2,159	10,005

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by Temple University, 2014; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 8E
STATE-OWNED UNIVERSITIES
AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2013-14

CIP Classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's ²
Agriculture	\$2,443	\$2,862	\$2,539	\$7,561	-	-
Architecture and Related Services	-	5,298	5,298	7,090	-	-
Area, Ethnic, Cultural and Gender Studies	2,838	3,548	3,189	14,034	-	-
Business	2,269	3,575	3,270	4,321	-	\$4,369
Communications	2,676	4,749	3,353	8,467	-	12,043
Computer and Information Sciences and Support Services	3,027	5,254	3,705	11,056	-	-
Personal and Culinary Services	1,318	3,543	2,101	-	-	-
Education	2,595	5,088	4,263	4,540	-	8,271
Engineering	3,852	7,425	5,896	1,164	-	2,560
Foreign Languages, Literature and Linguistics	3,513	5,884	3,858	9,632	-	10,412
Health Professions and Related Clinical Sciences	2,718	4,588	3,891	4,594	-	4,617
Family and Consumer Sciences/ Human Sciences	2,321	3,191	2,831	7,615	-	31,154
Technology Education/Industrial Arts	4,776	5,365	5,101	7,316	-	-
Legal Professions and Studies	2,287	2,978	2,448	2,253	-	-
English Language and Literature/Letters	3,444	4,644	3,707	7,746	-	16,342
Liberal Arts and Sciences, General Studies and Humanities	5,699	8,912	6,060	27,042	-	-
Library Science	4,700	5,312	4,989	2,996	-	-
Biological and Biomedical Sciences	2,560	7,327	3,797	17,521	-	85,186
Mathematics and Statistics	2,639	5,384	2,936	8,391	-	18,423
Military Technologies	-	-	-	1,201	-	-
Multi/Interdisciplinary Studies	3,444	5,412	4,120	4,533	-	7,736
Parks, Recreation, Leisure and Fitness Studies	2,231	3,584	3,417	2,890	-	46,846
Personal and Social Development	3,187	1,962	3,126	5,718	-	3,427
Philosophy and Religion/ Theology	2,305	4,159	2,582	12,441	-	7,586
Physical Sciences	3,092	8,930	3,932	14,604	-	73,089
Psychology	2,215	3,795	2,875	6,373	-	10,362
Security and Protective Services/ Public Administration and Services	2,239	3,580	3,037	4,456	-	12,313
Social Sciences and History	2,152	4,524	2,819	10,854	-	15,716
Trade and Industrial	-	-	-	-	-	-
Visual and Performing Arts	3,541	7,966	4,836	14,335	-	45,767
Other	5,356	-	5,356	10,588	-	-
Total	3,916	3,882	3,903	3,073	-	3,121

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. Doctor's level includes only Bloomsburg, East Stroudsburg, Indiana, Slippery Rock, and West Chester.

SOURCE: Data provided by individual State-owned universities, 2014; CIP classifications as defined in "The Integrated Post Secondary Education Data System (IPEDS) Classification of Instructional Programs (CIP) " <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 9

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL¹
 2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

University	Undergraduate									Master's		
	Lower division			Upper division			Total undergraduate			Percentage change		
	Class size	Percentage change		Class size	Percentage change		Class size	Percentage change		Class size	Percentage change	
	One-year	Five-year average	One-year	Five-year average	One-year	Five-year average	One-year	Five-year average	One-year	Five-year average	One-year	Five-year average
State-related												
Lincoln	21	-9%	10%	13	35%	28%	18	18%	19%	14	27%	28%
Penn State	31	a	a	27	-4	1	29	a	1	14	-7	a
Pittsburgh	30	-3	a	26	a	2	29	a	1	19	-5	1
Temple	33	-3	3	26	-3	2	29	-4	1	15	-6	2
Total	31	a	1	26	-4	1	29	-3	1	16	-3	2
State-owned												
Bloomsburg	32	a	1	20	-1	2	27	-2	1	10	-7	-3
California	38	-5	5	26	a	3	31	-3	3	22	-8	2
Cheyney	23	5	4	12	-48	-1	19	-14	a	8	-27	-5
Clarion	27	-7	-4	17	13	2	22	-4	-3	13	-19	1
East Stroudsburg	40	8	6	25	-4	4	34	6	5	15	7	-1
Edinboro	29	4	1	20	-13	-2	25	-4	a	17	6	3
Indiana	33	-6	-1	20	-9	2	27	-7	a	12	-8	-1
Kutztown	34	6	-1	21	a	4	26	-4	a	15	15	7
Lock Haven	29	a	a	21	a	12	26	a	4	24	-11	18
Mansfield	28	a	3	19	-10	4	23	-8	2	10	-9	-10
Millersville	28	-3	-1	21	-13	-1	25	-7	-1	14	-18	-1
Shippensburg	30	3	a	21	-9	3	21	-22	-4	9	-18	-8
Slippery Rock	30	-3	-2	19	6	-2	24	a	-2	16	7	3
West Chester	31	a	3	18	a	1	24	a	2	12	a	a
Total	31	-3	a	20	-5	1	25	-7	a	13	-13	-1
All universities	31	a	1	23	5	1	27	a	9	15	-6	8

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 2014.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE
2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

University	Undergraduate						Graduate ¹					
	In-State			Out-of-State			In-State			Out-of-State		
	Tuition and required fees	Percentage change		Tuition and required fees	Percentage change		Tuition and required fees	Percentage change		Tuition and required fees	Percentage change	
One-year		Five-year average	One-year		Five-year average	One-year		Five-year average	One-year		Five-year average	
State-related												
Lincoln	\$9,804	2%	4%	\$15,084	2%	4%	\$11,602	2%	4%	\$19,132	2%	3%
Penn State ²	16,992	3	4	29,566	3	16	19,172	3	4	32,148	3	3
Pittsburgh ²	17,100	3	5	27,106	16	3	20,704	3	5	33,426	3	3
Temple	14,096	4	4	24,122	3	3	14,100	9	1	19,464	9	a
Average	14,498	3	4	23,970	7	7	16,395	4	4	26,043	4	2
State-owned												
Bloomsburg	8,582	3	5	18,706	3	5	9,984	4	5	13,962	3	3
California	9,239	-1	5	13,091	-5	5	10,944	-1	6	14,922	a	4
Cheyney	8,806	2	4	13,302	3	-2	8,720	3	4	12,698	-3	3
Clarion	9,404	3	6	13,237	3	1	15,079	23	13	20,383	27	11
East Stroudsburg	8,991	3	5	19,115	3	5	10,170	3	5	14,148	3	3
Edinboro	8,849	3	5	12,701	3	5	10,071	3	5	14,049	21	3
Indiana	9,080	5	5	20,216	4	6	10,222	3	5	14,200	3	4
Kutztown	8,819	3	4	18,943	3	4	9,575	3	4	13,553	3	3
Lock Haven	8,899	4	5	17,023	4	5	10,646	4	5	14,624	3	3
Mansfield	9,192	3	5	19,316	3	5	9,792	3	5	13,770	3	3
Millersville	8,866	3	5	18,990	3	5	10,191	3	5	14,130	3	4
Shippensburg	9,448	3	6	17,916	3	3	10,242	3	6	14,220	3	4
Slippery Rock	9,027	3	5	12,529	3	5	10,852	3	5	14,830	3	3
West Chester	8,850	3	6	18,974	3	5	10,090	3	6	14,068	3	4
Average	9,004	3	5	16,719	3	4	10,470	4	6	14,540	6	4

1. Excludes first-professional level.

2. Main campus data only.

SOURCE: <http://nces.ed.gov/collegenavigator/?s=PA> Pennsylvania Department of Education, National Center for Education Statistics.

Table 11
 TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
 2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

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	\$24,554	-14%	-3%	\$13,130	-\$1,221	-9%	4%	
Penn State	1,592,020	4	6	18,729	513	3	4	
Pittsburgh	685,537	1	5	20,073	286	1	4	
Temple	719,320	10	7	20,783	1,673	9	6	
Total	3,021,431	6	6	19,413	885	5	5	
State-owned								
Bloomsburg	94,101	-1	8	9,757	-197	-2	6	
California	76,987	-10	5	9,804	-731	-7	7	
Cheyney	10,906	-13	-2	9,392	-612	-6	3	
Clarion	51,416	-19	3	9,562	-1,109	-10	6	
East Stroudsburg	70,612	-10	4	11,244	-1,744	-13	6	
Edinboro	60,902	-8	5	9,755	-192	-2	6	
Indiana	141,436	-3	7	10,163	92	1	7	
Kutztown	84,160	-10	4	9,497	-806	-8	5	
Lock Haven	46,999	-2	5	9,178	-61	-1	6	
Mansfield	25,711	-16	2	9,528	-1,486	-13	5	
Millersville	71,684	-3	4	9,577	-69	-1	5	
Shippensburg	64,680	-11	5	9,395	-882	-9	6	
Slippery Rock	78,179	1	6	9,153	256	3	5	
West Chester	149,712	-2	9	10,118	-413	-4	5	
Total	1,027,484	-6	6	9,853	-389	-4	6	
All universities	4,048,915	2	6	15,577	385	3	5	

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

a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2008 to 2014; FTE students - data provided by the individual universities, 2008 to 2014.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 TO 2013-14)

University	Total instructional appropriations			Instructional appropriations per FTE student			
	Amount (000s)	Percentage change		Amount	Percentage change		
		One-year	Five-year average		One-Year change	One-year	Five-year average
State-related							
Lincoln	\$10,820	-3%	-4%	\$5,786	\$165	3%	2%
Penn State	214,110	a	4	2,519	-36	-1	5
Pittsburgh	133,224	-1	-3	3,901	-13	a	-4
Temple	139,917	a	-3	4,043	-37	-1	-3
Total	498,071	2	-3	3,200	-35	-1	-4
State-owned							
Bloomsburg	32,995	-2	-2	3,421	-64	-2	-4
California	29,751	-2	-3	3,789	105	3	-2
Cheyney	13,098	2	-3	11,280	478	4	2
Clarion	22,262	-1	-4	4,140	162	4	-1
East Stroudsburg	21,161	2	-4	3,369	-210	-6	-3
Edinboro	24,963	-2	-2	3,999	132	3	-1
Indiana	52,383	-1	-3	3,764	153	4	-3
Kutztown	33,105	-2	-4	3,736	-122	-3	-3
Lock Haven	19,963	2	-3	3,899	44	1	-1
Mansfield	16,703	-1	-3	6,190	-146	-2	1
Millersville	30,872	2	-3	4,124	106	3	-3
Shippensburg	28,165	1	-3	4,091	8	a	-2
Slippery Rock	32,577	2	-3	3,814	30	1	-3
West Chester	49,914	2	-1	3,373	-113	-3	-4
Total ²	407,912	-1	-3	3,911	38	a	a
All universities ²	905,983	1	-3	3,486	-17	a	a

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, 2008-09 to 2013-14; 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 2014.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID
RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

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	\$13,130	\$5,786	\$18,916	31%	2%	-1%	\$670
Penn State	18,729	2,519	21,248	12	-4	-8	297
Pittsburgh	20,073	3,901	23,974	16	1	6	601
Temple	20,783	4,043	24,826	16	-7	-7	714
Total	19,413	3,200	22,613	14	-6	-7	461
State-owned							
Bloomsburg	9,757	3,421	13,179	26	a	-6	750
California	9,804	3,789	13,593	28	12	-5	777
Cheyney	9,392	11,280	20,672	55	6	a	1,457
Clarion	9,562	4,140	13,702	30	11	-4	980
East Stroudsburg	11,244	3,369	14,613	23	5	-6	641
Edinboro	9,755	3,999	13,754	29	4	-5	1,000
Indiana	10,163	3,764	13,926	27	4	-6	843
Kutztown	9,497	3,736	13,233	28	4	-5	922
Lock Haven	9,178	3,899	13,077	30	3	-5	1,090
Mansfield	9,528	6,190	15,718	39	8	-2	1,012
Millersville	9,577	4,124	13,701	30	3	-5	892
Shippensburg	9,395	4,091	13,486	30	8	-4	869
Slippery Rock	9,153	3,814	12,967	29	-2	-5	805
West Chester	10,118	3,373	13,492	25	a	-6	563
Total ²	9,853	3,911	13,764	28	4	-5	830
All universities ²	15,577	3,486	19,063	18	-4	-7	610

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.

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 provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2008 to 2012; FTE students - data provided by the individual universities, 2008 to 2013; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, August 2014.

II. HISTORICAL DATA TABLES

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Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
2008-09 to 2013-14

University	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
State-related						
Lincoln						
Total	2,527	2,593	2,426	2,011	1,985	1,870
Undergraduate	1,987	2,030	1,828	1,499	1,615	1,558
Graduate	540	563	598	512	370	313
Penn State						
Total	78,174	79,378	79,694	79,556	83,801	85,004
Undergraduate	70,584	71,833	72,100	72,251	75,655	76,688
Graduate	7,590	7,545	7,594	7,306	8,146	8,316
Pittsburgh						
Total	32,835	33,905	34,284	34,244	34,238	34,153
Undergraduate	23,857	24,664	24,787	24,804	24,749	24,986
Graduate	8,978	9,241	9,497	9,440	9,489	9,167
Temple						
Total	33,630	34,665	35,038	34,544	34,290	34,611
Undergraduate	26,572	27,441	27,721	27,478	27,169	27,540
Graduate	7,058	7,224	7,317	7,066	7,121	7,071
State-owned						
Bloomsburg						
Total	8,615	9,271	9,805	9,733	9,528	9,644
Undergraduate	7,953	8,482	8,964	8,961	8,860	9,053
Graduate	662	789	841	772	668	591
California						
Total	8,396	8,891	9,016	8,969	8,102	7,853
Undergraduate	6,863	7,137	7,105	7,039	6,265	6,084
Graduate	1,533	1,754	1,911	1,329	1,837	1,769
Cheyney						
Total	1,471	1,409	1,276	1,202	1,248	1,161
Undergraduate	1,360	1,331	1,231	1,167	1,209	1,140
Graduate	111	78	45	35	39	21
Clarion						
Total	6,216	6,478	6,511	6,233	5,944	5,377
Undergraduate	5,540	5,769	5,800	5,471	5,237	4,805
Graduate	676	709	711	762	707	572
East Stroudsburg						
Total	6,700	6,941	6,887	6,592	6,030	6,280
Undergraduate	5,996	6,148	6,158	6,037	5,562	5,794
Graduate	704	793	729	555	468	486
Edinboro						
Total	6,581	7,118	7,396	7,114	6,630	6,243
Undergraduate	5,665	5,995	6,189	6,041	5,654	5,402
Graduate	916	1,123	1,207	1,073	976	841
Indiana						
Total	13,943	14,218	14,820	14,587	14,493	13,917
Undergraduate	12,198	12,524	13,207	13,012	12,871	12,399
Graduate	1,745	1,694	1,613	1,575	1,622	1,519
Kutztown						
Total	9,494	9,759	9,881	9,379	9,091	8,862
Undergraduate	8,898	9,121	9,260	8,939	8,716	8,431
Graduate	596	638	621	440	375	430
Lock Haven						
Total	5,466	5,223	5,397	5,260	5,199	5,121
Undergraduate	5,148	4,930	5,049	4,870	4,797	4,870
Graduate	318	293	348	390	402	390
Mansfield						
Total	3,122	3,273	3,194	2,935	2,774	2,698
Undergraduate	2,887	3,002	2,946	2,726	2,643	2,584
Graduate	235	271	248	210	131	114
Millersville						
Total	7,794	8,075	8,156	7,993	7,687	7,485
Undergraduate	6,988	7,287	7,379	7,283	7,052	6,889
Graduate	806	788	777	710	635	596
Shippensburg						
Total	7,215	7,506	7,599	7,421	7,062	6,884
Undergraduate	6,579	6,826	6,963	6,844	6,478	6,288
Graduate	636	680	636	577	584	596
Slippery Rock						
Total	8,362	8,601	8,827	8,773	8,677	8,541
Undergraduate	7,594	7,781	7,976	8,009	7,927	7,727
Graduate	768	820	851	764	750	814
West Chester						
Total	12,543	13,279	13,598	14,008	14,543	14,796
Undergraduate	11,101	11,742	12,045	12,546	13,137	13,336
Graduate	1,441	1,537	1,553	1,463	1,406	1,460

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

SOURCE: Data provided by the individual universities, 2008 to 2014.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL¹
 TOTAL YEAR AND SUMMER 2008-09 to 2013-14
 (in thousands)

University	Total Year							Summer			
	Lower division	Upper division	Total under-graduate	Master's	First Professional	Doctor's	Total graduate	Grand Total	Total under-graduate	Total graduate	Grand Total
State-related											
Lincoln											
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
2013-14	35	11	46	8	na	na	8	54	a	1	1
Penn State											
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
2013-14	1,233	1,068	2,301	91	16	93	200	2,501	142	20	162
Pittsburgh											
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
2013-14	490	259	749	144	53	22	219	968	38	31	69
Temple											
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
2013-14	365	461	826	74	72	25	171	997	46	22	68
State-owned											
Bloomsburg											
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
2013-14	194	77	271	13	na	1	14	285	16	4	20
California											
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
2013-14	102	81	183	43	na	na	43	226	11	13	24
Cheyney											
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
2013-14	21	14	34	a	na	na	a	34	1	a	1
Clarion											
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
2013-14	94	50	144	14	na	na	14	158	9	4	13
East Stroudsburg											
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
2013-14	116	58	174	11	na	a	11	185	12	4	16
Edinboro											
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
2013-14	99	64	163	20	na	na	20	183	7	5	12

Indiana												
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	
2013-14	252	121	373	25	na	15	40	413	23	9	32	
Kutztown												
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	
2013-14	138	115	253	10	na	na	10	263	8	2	10	
Lock Haven												
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	
2013-14	99	42	141	10	na	na	10	151	6	3	9	
Mansfield												
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	
2013-14	45	33	78	3	na	na	3	81	4	0	4	
Millersville												
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	
2013-14	126	81	207	14	na	na	14	221	11	4	15	
Shippensburg												
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	
2013-14	128	61	189	14	na	na	14	203	8	3	11	
Slippery Rock												
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	
2013-14	138	94	232	14	na	6	20	252	14	5	19	
West Chester												
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	
2013-14	245	155	400	35	na	a	35	435	21	6	27	

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

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

na. Not applicable.

SOURCE: Data provided by the individual universities, 2008 to 2014.

Historical Table 3

DEGREES CONFERRED¹
2008-09 to 2013-14

University	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
State-related						
Lincoln						
Total	462	486	580	453	452	439
Bachelor's	257	269	326	256	297	279
Graduate	205	217	254	197	155	160
Penn State						
Total	15,898	17,772	17,881	18,338	18,548	19,685
Bachelor's	12,723	14,502	14,649	14,930	15,009	15,924
Graduate	3,175	3,270	3,232	3,408	3,539	3,761
Pittsburgh						
Total	7,693	7,924	8,390	8,602	8,491	8,741
Bachelor's	4,888	4,956	5,227	5,361	5,354	5,414
Graduate	2,805	2,968	3,163	3,241	3,137	3,327
Temple						
Total	7,303	8,007	8,265	8,380	8,519	8,623
Bachelor's	5,373	5,613	5,826	5,962	6,075	27,768
Graduate	2,330	2,394	2,439	2,418	2,444	9,720
State-owned						
Bloomsburg						
Total	1,889	1,977	2,059	2,052	2,074	2,175
Bachelor's	1,565	1,634	1,670	1,668	1,704	1,869
Graduate	324	343	389	384	370	306
California						
Total	2,141	2,268	2,339	2,463	2,456	2,488
Bachelor's	1,297	1,428	1,348	1,469	1,470	1,510
Graduate	844	840	991	994	986	978
Cheyney						
Total	258	193	169	159	183	163
Bachelor's	178	153	138	142	162	153
Graduate	80	40	31	17	21	10
Clarion						
Total	1,201	1,327	1,497	1,392	1,424	1,447
Bachelor's	843	928	983	998	928	1,050
Graduate	358	399	514	394	496	397
East Stroudsburg						
Total	1,591	1,527	1,488	1,768	1,524	1,497
Bachelor's	1,272	1,207	1,136	1,453	1,240	1,290
Graduate	319	320	352	315	284	207
Edinboro						
Total	1,486	1,581	1,537	1,577	1,576	1,576
Bachelor's	1,073	1,034	986	982	1,057	1,115
Graduate	413	547	551	595	519	461
Indiana						
Total	2,878	2,858	2,943	2,935	3,165	3,158
Bachelor's	2,079	1,957	2,156	2,171	2,470	2,412
Graduate	799	901	787	764	695	746
Kutztown						
Total	2,054	2,092	2,030	2,104	2,113	1,991
Bachelor's	1,753	1,819	1,791	1,812	1,882	1,750
Graduate	301	273	239	292	231	241
Lock Haven						
Total	853	845	873	896	971	1,046
Bachelor's	777	733	781	798	845	891
Graduate	76	112	92	98	126	155
Mansfield						
Total	704	702	704	695	682	612
Bachelor's	554	566	554	561	559	530
Graduate	150	136	150	134	123	82
Millersville						
Total	1,624	1,718	1,838	1,804	1,718	1,780
Bachelor's	1,402	1,467	1,554	1,538	1,450	1,535
Graduate	222	251	284	266	268	245
Shippensburg						
Total	1,657	1,661	1,665	1,804	1,810	1,720
Bachelor's	1,292	1,272	1,293	1,408	1,459	1,421
Graduate	365	389	372	396	351	299
Slippery Rock						
Total	1,973	1,841	1,881	2,120	2,173	2,043
Bachelor's	1,654	1,547	1,526	1,778	1,846	1,727
Graduate	319	294	355	342	327	316
West Chester						
Total	3,047	3,053	2,984	3,328	3,691	3,973
Bachelor's	2,437	2,422	2,320	2,687	2,973	3,232
Graduate	610	631	664	641	718	741

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

Source: Data provided by the individual universities, 2008 to 2014.

Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL¹
FALL 2008 to FALL 2013

University	full time employed faculty ²						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	2008	2009	2010	2011	2012	2013	2008	2009	2010	2011	2012	2013	2008	2009	2010	2011	2012	2013
	State-related																	
Lincoln	103	107	111	106	100	94	11.6	11.4	11.4	11.9	10	10.3	1.4	1.2	1.2	1.0	0.4	1.2
Penn State	3,848	3,918	3,913	3,895	3,879	3,900	6.7	6.6	6.6	6.6	11.5	10.2	1.6	1.5	1.4	2.0	3	2.8
Pittsburgh	3,773	3,584	1,945	1,984	2,022	2,033	4.7	4.8	4.8	5.0	5	5.1	2.6	2.7	2.6	3.0	2.5	2.5
Temple	1,289	1,323	1,348	1,325	1,333	1,343	5.6	5.6	5.6	5.7	5.5	5.5	3.2	3.3	3.2	2.0	3.6	3.5
Total	9,013	8,932	7,317	7,310	7,334	7,370	6.0	6.0	6.0	6.0	8.5	7.9	2.1	2.2	2.1	2.0	2.9	2.8
State-owned																		
Bloomsburg	394	417	426	413	416	445	11.3	11.0	10.9	10.9	11.4	11.1	1.0	1.0	1.3	1.0	1.1	1.0
California	290	285	295	263	270	233	9.4	9.1	9.3	9.0	8.1	10.3	1.2	1.5	1.5	2.0	1.6	1.7
Cheyney	80	79	68	83	60	57	11.5	11.8	12.0	8.6	9.2	10.2	0.8	7.2	7.5	0.0	0.8	0.5
Clarion	281	257	284	267	235	328	10.8	10.4	10.4	10.0	9	9.9	1.1	1.2	1.4	1.0	1.5	1.2
East Stroudsburg	337	329	332	298	290	280	11.9	12.0	12.0	11.0	11.5	16.1	1.7	1.7	1.6	2.0	1.9	1.6
Edinboro	353	358	360	333	309	265	10.0	10.1	10.1	9.8	9.8	11.9	2.0	2.0	2.0	2.0	1.8	2.0
Indiana	701	703	700	662	674	664	9.2	9.3	9.5	9.7	9.6	9.5	1.7	1.6	1.9	2.0	1.9	1.8
Kutztown	463	470	452	435	448	437	11.3	11.4	12.2	11.2	9.5	9.9	0.8	1.0	0.8	1.0	0.6	0.7
Lock Haven	264	264	261	245	245	251	11.1	11.1	11.1	10.5	10.5	10.4	0.3	0.5	0.4	1.0	0.6	0.6
Mansfield	146	173	186	164	133	166	7.6	7.7	7.3	7.3	16.4	18.9	0.3	0.3	0.3	0.0	0.9	1.6
Millersville	315	320	317	306	309	310	10.3	10.3	10.2	10.4	10.5	10.5	0.9	0.9	1.0	1.0	0.9	0.9
Shippensburg	339	323	310	310	327	338	9.4	9.3	9.0	9.3	9.1	8.9	0.9	0.9	0.8	1.0	0.9	1.0
Slippery Rock	372	381	383	376	379	376	10.8	10.8	11.5	11.0	10.9	11.4	1.1	1.1	1.1	1.0	0.9	0.9
West Chester	631	612	525	574	549	600	9.6	9.9	10.4	10.3	10.6	10.6	1.9	1.9	1.7	2.0	1.7	1.8
Total	4,966	4,971	4,899	4,711	4,644	4,750	10.2	10.2	10.3	10.0	10.5	11.0	1.2	1.3	1.3	1.0	1.4	1.3
All Universities	13,979	13,903	12,216	12,021	11,978	12,120	7.5	7.5	7.6	7.5	9.4	9.1	1.8	1.8	1.8	2.0	2.2	2.2

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

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

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

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK ¹
2013-14, CHANGE FROM 2012-13 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2008-09 to 2013-14)

University	FTE instructional faculty	Average instructional salaries					
		All faculty	Professor	Associate Professor	Assistant Professor	Instructor	No rank ²
State-related							
Lincoln							
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
2013-14	171	41.2	76.0	66.0	55.0	13.1	48.9
Penn State							
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
2013-14	4,808	74.2	122.6	86.8	73.6	52.3	54.5
Pittsburgh							
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
2013-14	2,112	64.8	115.8	74.5	61.1	32.9	52.5
Temple							
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
2013-14	1,849	68.9	135.1	85.1	58.1	38.1	45.9
State-owned							
Bloomsburg							
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
2013-14	477	70.3	98.4	78.5	62.0	46.2	0
California							
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
2013-14	345	77.4	102.2	81.8	68.6	47.9	40.0
Cheyney							
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
2013-14	250	21.0	26.4	19.3	17.5	20.1	21.6
Clarion							
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
2013-14	287	77.4	101.6	79.6	70.8	51.8	na
East Stroudsburg							
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
2013-14	300	76.5	106.4	79.0	72.8	36.7	na

Edinboro								
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	
2013-14	382	72.9	98.9	78.3	63.2	41.6	na	
Indiana								
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	
2013-14	696	89.9	112.2	86.1	60.0	50.0	57.7	
Kutztown								
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	
2013-14	457	69.8	43.9	57.9	75.1	94.4	na	
Lock Haven								
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	
2013-14	248	79.0	97.5	80.7	66.2	46.6	na	
Mansfield								
2008-09	178	67.4	100.5	74.2	58.8	49.2	na	
2009-10	175	70.1	101.3	78.3	63.2	49.6	na	
2010-11	172	70.1	98.3	80.9	63.9	50.9	na	
2011-12	161	72.6	98.6	82.9	65.3	50.4	na	
2012-13	156	83.8	99.6	82.8	64.5	51.2	na	
2013-14	278	39.7	58.8	46.3	36.5	26.7	na	
Millersville								
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	
2013-14	393	70.5	95.8	77.5	60.3	44.0	na	
Shippensburg								
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	
2013-14	369	77.3	98.4	79.4	66.1	43.0	na	
Slippery Rock								
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	
2013-14	394	77.7	100.2	76.5	71.5	54.9	na	
West Chester								
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	
2013-14	796	69.2	97.8	78.6	65.5	44.3	51.1	

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

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

na. Not applicable

SOURCE: Data provided by the individual universities, 2008 to 2014.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL¹
2008-09 to 2013-14

University	Lower division						Upper division						Total undergraduate						Master's					
	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
State-related																								
Lincoln	\$2,758	\$2,809	\$3,186	2,933	\$3,010	\$3,137	\$4,228	\$4,104	\$3,517	\$5,053	\$3,440	\$5,775	\$3,078	\$3,119	\$3,277	\$3,363	\$3,086	\$3,781	\$2,155	\$1,920	\$1,445	\$3,150	\$4,985	\$3,763
Penn State	2,070	2,019	2,063	3,093	4,555	3,694	4,001	3,873	3,984	4,193	4,101	4,233	2,836	2,765	2,840	3,548	3,120	3,944	6,810	7,693	7,343	6,592	6,972	6,517
Pittsburgh	2,301	2,106	2,227	2,467	2,502	2,724	4,043	3,802	3,865	4,258	4,299	4,657	2,889	2,685	2,785	3,077	3,218	3,392	5,437	5,422	5,197	4,539	4,822	5,012
Temple	2,105	2,146	2,224	2,668	3,222	2,791	3,281	3,319	3,578	3,763	3,920	3,864	2,740	2,798	2,982	3,724	3,615	3,390	5,355	5,281	5,486	5,884	4,199	5,680
Total	2,139	2,077	2,147	2,772	3,219	3,316	3,801	3,704	3,843	4,048	3,989	4,250	2,826	2,762	2,867	3,300	3,375	3,744	5,606	5,771	5,584	5,356	5,350	6,178
State-owned																								
Bloomsburg	2,626	2,618	2,580	2,303	2,720	2,455	4,922	4,925	5,015	5,015	4,309	5,252	3,284	3,253	3,252	3,071	3,198	3,252	4,500	4,432	4,644	6,497	6,419	6,913
California	2,288	2,097	2,379	2,025	2,550	2,572	3,491	3,324	3,668	3,899	3,820	4,143	2,797	2,620	2,967	2,863	3,141	3,264	2,876	2,433	2,744	3,097	3,383	3,870
Cheyney	3,649	3,377	3,516	4,262	4,082	4,201	5,118	8,636	7,784	7,747	3,902	4,832	4,034	4,892	4,647	5,172	4,060	4,451	5,510	12,079	14,786	15,916	6,624	8,935
Clarion	2,728	2,891	2,976	3,167	3,034	3,291	5,335	5,306	5,137	5,824	5,780	5,261	3,479	3,610	3,656	4,090	3,910	3,973	4,883	4,638	4,642	4,553	4,327	5,466
East Stroudsburg	2,653	2,633	2,670	1,163	3,049	2,343	5,704	5,880	5,725	7,123	4,394	5,345	3,665	3,673	3,672	3,181	3,385	3,338	4,118	4,238	4,954	6,862	6,201	7,667
Edinboro	3,002	2,828	2,987	2,633	3,742	2,974	5,534	5,290	5,173	5,746	4,471	6,191	4,025	3,778	3,789	3,791	4,022	4,234	1,501	4,447	4,535	4,866	5,115	5,926
Indiana	2,451	2,526	2,526	2,332	3,323	2,513	5,121	5,408	5,227	5,213	5,174	5,363	3,255	3,384	3,338	3,242	3,911	3,439	5,300	5,989	6,596	6,110	4,233	6,307
Kutztown	1,940	2,009	2,066	2,779	2,511	2,751	4,848	4,818	4,820	4,572	4,100	4,493	3,012	3,072	3,130	3,566	3,213	3,541	5,523	5,506	5,799	5,366	5,561	4,943
Lock Haven	2,227	3,047	3,040	4,642	4,723	3,488	4,952	4,838	4,890	6,567	6,497	4,780	2,951	3,521	3,547	5,182	5,224	3,871	3,816	3,636	3,468	3,837	3,979	3,425
Mansfield	2,916	2,811	2,977	3,219	4,031	2,797	4,902	5,211	4,895	4,694	5,225	5,560	3,759	3,813	3,753	3,843	4,551	3,971	4,983	2,992	3,839	4,271	7,985	6,725
Millersville	2,968	2,994	3,122	2,859	3,281	3,138	4,628	4,675	4,678	3,883	4,021	4,247	3,590	3,628	3,723	3,258	3,572	3,573	4,169	4,209	4,266	4,913	4,408	5,157
Shippensburg	2,798	2,778	2,829	2,517	3,437	2,711	5,072	4,995	5,333	5,599	4,406	5,909	3,503	3,464	3,580	3,493	3,751	3,749	4,594	4,818	5,397	7,378	7,926	8,295
Slippery Rock	2,724	2,782	2,885	2,552	2,642	2,660	3,906	4,107	4,241	4,793	4,525	4,923	3,166	3,284	3,405	3,412	3,765	3,576	4,121	4,027	4,010	5,159	5,397	4,556
West Chester	2,674	2,661	2,719	2,461	2,669	2,562	4,350	4,424	4,569	4,778	4,458	4,749	3,310	3,323	3,405	3,336	3,399	3,410	5,160	5,343	5,445	6,012	5,604	6,568
Total	2,576	2,646	2,716	2,465	3,115	2,747	4,727	4,817	4,833	5,222	4,565	5,036	3,316	3,393	3,450	3,458	3,642	3,589	4,455	4,436	4,638	5,404	4,872	5,683
All universities	2,342	2,416	2,416	2,648	4,026	3,070	4,163	4,135	4,231	4,495	3,617	4,554	3,040	3,037	3,124	3,373	3,855	3,694	5,087	5,156	5,151	5,368	5,345	5,979

1. The average instructional faculty salary cost per full-time equivalent student for each level is calculated as follows: the instructional salary for each rank is assigned by level according to the percentage distribution of the course (assigned) credits within each rank. The salary for each rank is summed by level and divided by total full-time equivalent students for that level. For individual instruction, one course (assigned) credit is attributed to every three student credit hours generated.

SOURCE: Data provided by the individual universities, 2008 to 2014.

Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL¹
2008-09 to 2013-14

University	Lower division						Upper division						Total undergraduate						Master's					
	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
State-related																								
Lincoln	\$92	\$94	\$106	\$98	\$100	\$105	\$141	\$137	\$117	\$168	\$115	\$192	\$103	\$104	\$109	\$12	\$103	\$126	\$90	\$80	\$60	\$131	\$208	\$157
Penn State	69	67	69	103	152	123	133	129	133	140	137	141	95	92	95	118	104	131	284	321	306	275	291	272
Pittsburgh	77	70	74	82	83	91	135	127	129	142	143	155	96	90	93	103	107	113	227	226	217	189	201	209
Temple	70	72	74	89	107	93	109	111	119	125	131	129	91	93	99	124	121	113	223	220	229	245	175	237
Total	71	69	72	91	107	111	127	123	128	135	133	142	94	92	96	110	113	125	234	240	233	223	223	257
State-owned																								
Bloomsburg	88	87	86	77	91	82	164	164	167	167	144	175	109	108	108	102	107	108	188	185	194	271	267	288
California	76	70	79	68	85	86	116	111	122	130	127	138	93	87	99	95	105	109	120	101	114	129	141	161
Cheyney	122	113	117	142	136	140	171	288	259	258	130	161	134	163	155	172	135	148	230	503	616	663	276	372
Clarion	91	96	99	106	101	110	178	177	171	194	193	175	116	120	122	136	130	132	203	193	193	190	180	228
East Stroudsburg	88	88	89	39	102	99	190	196	191	237	146	206	122	122	122	106	79	141	172	177	206	286	258	247
Edinboro	100	94	100	88	125	85	184	176	172	192	149	199	134	126	126	126	134	122	188	185	189	203	213	358
Indiana	82	84	84	78	111	84	171	180	174	174	172	179	109	113	111	108	130	115	221	250	275	255	176	263
Kutztown	65	67	69	93	84	92	162	161	161	152	137	150	100	102	104	119	107	118	230	229	242	224	232	206
Lock Haven	74	102	101	155	157	116	165	161	163	219	217	159	98	117	118	173	174	129	159	152	145	160	166	143
Mansfield	97	94	99	107	134	93	163	174	163	156	174	185	125	127	125	128	152	132	208	125	160	178	333	280
Millersville	99	100	104	95	109	105	154	156	156	129	134	142	120	121	124	109	119	119	174	175	178	205	184	215
Shippensburg	93	93	94	84	115	90	169	167	178	187	147	197	117	115	119	116	125	125	191	201	225	307	330	346
Slippery Rock	91	93	96	84	88	89	130	137	141	160	151	164	106	109	114	114	126	119	172	168	167	215	225	190
West Chester	89	89	91	82	89	85	145	147	152	159	149	158	110	111	114	111	113	114	215	223	227	251	234	274
Total	86	88	91	82	104	92	158	161	161	174	152	168	111	113	115	115	121	120	186	185	193	225	203	237
All universities	78	78	81	88	134	102	139	138	141	150	121	152	101	101	104	112	129	123	212	215	215	224	223	249

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, 2008 to 2014.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL¹
2008-09 to 2013-14

University	Lower division						Upper division						Total undergraduate						Master's					
	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
State-related																								
Lincoln	24	25	25	11	23	21	17	18	18	6	20	13	22	23	23	8	22	18	15	17	17	4	11	14
Penn State	31	31	31	31	31	31	26	26	26	26	28	28	29	29	29	29	29	30	14	14	14	13	23	16
Pittsburgh	30	31	31	31	31	30	24	25	24	24	26	26	28	28	28	29	29	29	17	18	18	18	20	19
Temple	29	30	30	33	34	33	24	25	25	26	27	26	27	27	27	29	30	29	14	14	14	14	16	15
Total	30	31	31	31	31	31	25	26	25	25	27	26	28	28	28	28	30	29	15	16	16	14	14	16
State-owned																								
Bloomsburg	30	31	33	33	32	32	18	18	19	19	20	20	26	26	28	28	28	27	12	12	12	11	11	10
California	31	36	39	44	40	38	22	24	24	24	26	26	27	27	30	32	32	31	20	23	24	24	24	22
Cheyney	25	39	32	39	22	23	20	15	15	28	23	12	23	23	25	36	22	19	12	8	8	11	11	8
Clarion	33	32	31	26	29	27	16	17	18	14	15	17	26	26	25	20	23	22	13	14	14	15	16	13
East Stroudsburg	30	30	30	35	37	40	21	21	22	24	26	25	27	27	27	30	32	34	16	17	15	13	14	15
Edinboro	28	29	29	30	28	29	22	22	22	21	23	20	25	25	26	26	26	25	15	17	17	16	16	17
Indiana	34	35	34	35	35	33	18	18	20	20	22	20	27	27	28	29	29	27	13	13	12	12	13	12
Kutztown	36	35	37	35	32	34	17	18	19	21	21	21	26	26	28	27	27	26	11	11	11	14	13	15
Lock Haven	30	28	29	32	29	29	13	20	20	22	21	21	22	22	26	29	26	26	13	25	26	31	27	24
Mansfield	25	29	26	28	28	28	16	15	17	19	21	19	21	21	22	24	25	23	18	19	18	17	11	10
Millersville	29	30	30	32	29	28	22	23	24	24	24	21	26	26	28	28	27	25	15	16	16	15	17	14
Shippensburg	30	31	32	31	29	30	19	22	22	19	23	21	26	26	28	27	27	21	14	14	13	10	11	9
Slippery Rock	33	33	32	33	31	30	21	21	21	20	18	19	27	27	27	26	24	24	14	16	16	15	15	16
West Chester	27	29	30	31	31	31	17	17	17	18	18	18	22	22	24	24	24	24	12	12	12	12	12	12
Total	31	32	32	33	32	31	19	19	20	20	21	20	25	25	27	27	27	25	14	15	15	15	15	13
All universities	30	31	31	32	31	31	22	23	23	23	22	23	27	27	28	14	27	27	15	15	15	28	16	15

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

SOURCE: Data provided by the individual universities, 2008 to 2014.

Historical Table 9
COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS¹
2008-09 to 2013-14
(in millions)

University	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
State-related						
Lincoln	\$13.6	\$13.6	\$13.6	\$10.6	\$11.1	\$10.8
Penn State	267.5	263.9	264.3	203.4	214.1	214.1
Pittsburgh	156.8	156.8	157.2	127.3	133.9	133.2
Temple	165.0	165.0	165.0	132.9	139.9	139.9
Total	602.8	599.3	600.1	474.2	488.0	498.1
State-owned						
Bloomsburg	36.4	33.5	34.2	33.1	33.5	33.0
California	35.3	32.7	32.4	29.2	30.5	29.8
Cheyney	15.3	14.1	13.8	13.4	12.8	13.1
Clarion	27.5	25.7	24.9	23.4	22.6	22.3
East Stroudsburg	26.0	24.8	24.3	21.5	20.8	21.2
Edinboro	28.3	25.6	26.6	25.3	25.5	25.0
Indiana	61.5	55.6	56.4	51.4	53.0	52.4
Kutztown	40.8	37.7	37.0	34.9	33.8	33.1
Lock Haven	22.9	21.5	21.4	19.8	19.6	20.0
Mansfield	19.0	18.2	18.2	17.4	17.0	16.7
Millersville	37.1	33.8	33.3	30.5	30.3	30.9
Shippensburg	32.4	30.5	30.7	28.4	28.0	28.2
Slippery Rock	37.8	35.9	35.1	32.5	32.0	32.6
West Chester	52.9	49.5	50.7	47.4	48.9	49.9
Total ²	473.1	439.1	439.0	408.2	408.3	407.9
All universities ²	1075.9	1038.4	1039.1	882.4	896.4	906.0

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, 2008-09 to 2013-14; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2008 to 2014. FTE students - data provided by the individual universities, 2008 to 2014.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS
BY ACADEMIC LEVEL AND RESIDENCE
2008-09 to 2013-2014

University	Undergraduate		Graduate ¹	
	In-State	Out-of-State	In-State	Out-of-State
State-related				
Lincoln				
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
2013-14	9,804	15,084	11,602	19,132
Penn State				
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
2013-14	16,992	29,566	19,172	32,148
Pittsburgh				
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
2013-14	17,100	27,106	20,704	33,426
Temple				
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
2013-14	14,096	24,122	14,100	19,464
State-owned				
Bloomsburg				
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
2013-14	8,582	18,706	9,984	13,962
California				
2008-09	7,115	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
2013-14	9,239	13,091	10,944	14,922
Cheyney				
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
2013-14	8,806	13,302	8,720	12,698
Clarion				
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
2013-14	9,404	13,237	15,079	20,383
East Stroudsburg				
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
2013-14	8,991	19,115	10,170	14,148

Edinboro				
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
2013-14	8,849	12,701	10,071	14,049
Indiana				
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
2013-14	9,080	20,216	10,222	14,200
Kutztown				
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
2013-14	8,819	18,943	9,575	13,553
Lock Haven				
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
2013-14	8,899	17,023	10,646	14,624
Mansfield				
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
2013-14	9,192	19,316	9,792	13,770
Millersville				
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
2013-14	8,866	18,990	10,191	14,130
Shippensburg				
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
2013-14	9,448	17,916	10,424	14,220
Slippery Rock				
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
2013-14	9,027	12,529	10,852	14,830
West Chester				
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
2013-14	8,850	18,974	10,090	14,068

1. Excludes first-professional level.

SOURCE: Data provided by the Pennsylvania Department of Education, *College and University Student Charges*, 2008 to 2014.

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APPENDIX:

MODEL OF FTE SALARY COST DETERMINATION

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

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

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.