

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

**Staff Analysis of 2011-12 Data  
Reported Under the Public School Code of 1949**

**FEBRUARY 2013**



Staff Report  
General Assembly of the Commonwealth of Pennsylvania  
JOINT STATE GOVERNMENT COMMISSION  
108 Finance Building  
Harrisburg, Pennsylvania 17120

The release of this report should not be interpreted as an endorsement by the members of the Executive Committee of the Joint State Government Commission of all the findings, recommendations and conclusions contained in this report.

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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)

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\*Medical School data not included in this report.  
\*\*Not included in this report.

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## FOREWORD

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This 40th 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 2011-12 and data trends for 2006-07 to 2011-12 are presented. ***Readers are cautioned to use the current historical tables for prior years' data, as some previous data have been revised in these tables.***

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

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

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## **I. CURRENT YEAR DATA**

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Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL<sup>1</sup>  
 2011-12, CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

University	Total				Undergraduate				Graduate <sup>2</sup>			
	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	2,011	-415	-17%	-3%	1,499	-329	-18%	-4%	512	-86	-14%	-1%
Penn State	79,556	-138	a	2	72,251	151	a	2	7,306	-288	-4	1
Pittsburgh	34,244	-40	a	2	24,804	17	a	2	9,440	-57	-1	2
Temple	34,544	-494	-1	2	27,478	-243	-1	2	7,066	-251	-3	1
Total	150,356	-1,086	-1	2	126,032	-404	a	2	24,324	-682	-3	1
State-owned												
Bloomsburg	9,733	-72	-1	3	8,961	-3	a	3	772	-69	-8	2
California	8,969	-47	-1	3	7,039	-66	-1	2	1,929	18	1	7
Cheyney	1,202	-74	-6	-7	1,167	-64	-5	-6	35	-10	-22	-27
Clarion	6,233	-278	-4	1	5,471	-329	-6	a	762	51	7	10
East Stroudsburg	6,592	-295	-4	a	6,037	-121	-2	1	555	-174	-24	-5
Edinboro	7,114	-282	-4	1	6,041	-148	-2	a	1,073	-134	-11	10
Indiana	14,587	-233	-2	1	13,012	-195	-1	2	1,575	-38	-2	-1
Kutztown	9,379	-502	-5	a	8,939	-321	-3	1	440	-181	-29	-6
Lock Haven	5,260	-137	-3	a	4,870	-179	-4	-1	390	42	12	6
Mansfield	2,935	-259	-8	-1	2,726	-220	-7	-1	210	-38	-15	-3
Millersville	7,993	-163	-2	a	7,283	-96	-1	1	710	-67	-9	-5
Shippensburg	7,421	-178	-2	2	6,844	-119	-2	2	577	-59	-9	a
Slippery Rock	8,773	-54	-1	2	8,009	33	a	2	764	-87	-10	4
West Chester	14,008	410	3	3	12,546	501	4	4	1,463	-90	-6	2
Total	110,200	-2,163	-2	1	98,946	-1,326	-1	1	11,255	-836	-7	2
All universities	260,555	-3,250	-1	1	224,978	-1,730	-1	1	35,579	-1,518	-4	1

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

2. In addition to master's level, graduate for Penn State, Pittsburgh, Temple, Bloomsburg, East Stroudsburg, Indiana and Slippery Rock includes first-professional (excluding medical schools) and/or doctor's levels.

a. Rounds to zero percent.

SOURCE: Data provided by the individual universities, 2007 to 2012.

Table 2

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2011-12, CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

University	Lower division			Upper division			Master's			First professional <sup>2</sup> and doctor's		
	FTE students	Percentage change One-year	Five-year average	FTE students	Percentage change One-year	Five-year average	FTE students	Percentage change One-year	Five-year average	FTE students	Percentage change One-year	Five-year average
State-related												
Lincoln	1,105	-17%	-6%	395	-21%	4%	512	-14%	-1%	na	na	na
Penn State	42,369	-1	a	29,882	2	4	3,338	12	4	3,967	-14%	-1%
Pittsburgh	16,352	a	2	8,452	a	1	6,219	-2	3	3,221	1	a
Temple	12,275	1	1	15,203	-2	3	2,995	-7	1	4,070	-1	1
Total	72,101	-1	1	53,931	1	3	13,064	a	3	11,259	-5	a
State-owned												
Bloomsburg	6,423	-1	3	2,539	2	3	709	-9	2	63	1	a
California	3,889	1	a	3,151	-3	5	1,929	1	7	na	na	na
Cheyney	782	-14	-8	385	19	a	35	-22	-27	na	na	na
Clarion	3,705	-7	-1	1,766	-3	3	762	7	10	na	na	na
East Stroudsburg	3,994	-3	a	2,044	1	2	546	-22	-4	10	-60	-10
Edinboro	3,794	-3	2	2,247	-1	-1	1,073	-11	10	na	na	na
Indiana	8,904	-4	1	4,108	5	2	930	a	-6	645	-5	11
Kutztown	4,989	-12	-2	3,950	10	6	440	-29	-6	na	na	na
Lock Haven	3,501	-4	-1	1,370	-1	a	390	12	6	na	na	na
Mansfield	1,393	-21	-3	1,333	12	1	210	-15	-3	na	na	na
Millersville	4,449	-2	a	2,835	-1	2	710	-9	-5	na	na	na
Shippensburg	4,676	-4	2	2,169	4	1	577	-9	a	na	na	na
Slippery Rock	4,867	-1	a	3,142	3	4	520	-15	5	244	3	2
West Chester	7,808	-3	3	4,738	6	4	1,463	-6	-2	na	na	na
Total	63,174	-4	1	35,775	3	3	10,294	-7	1	962	-4	7
All universities	135,274	-2	1	89,707	2	3	23,359	a	3	12,903	0	2

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

2. Excludes medical school data.

a. Rounds to zero percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2007 to 2012.



Table 3A  
 LINCOLN UNIVERSITY  
 NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2011-12

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	--	--	--	--	--	--	--	--
Business	30	2%	--	--	--	--	30	6%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	160	9%	103	10%	15	6%	42	8
Engineering	--	--	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	38	2	28	3	10	4	--	--
Health Professions and Related Clinical Sciences	--	--	--	--	--	--	--	--
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	--	--	--	--	--
English Language and Literature/Letters	202	11	167	16	35	13	1	a
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	89	5	75	7	14	5	--	--
Mathematics and Statistics	164	9	155	15	8	3	1	a
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	97	5	68	6	25	9	5	1
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	69	4	58	6	11	4	--	--
Physical Sciences	96	5	93	9	3	1	--	--
Psychology	91	5	55	5	36	13	--	--
Security and Protective Services/ Public Administration and Services	430	24	--	--	--	--	430	84
Social Sciences and History	296	16	190	18	103	39	3	1
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	58	3	52	5	6	2	--	--
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	1,820	100	1043	100	265	100	512	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, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 3B

PENNSYLVANIA STATE UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2011-12

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	1,323	2%	339	1%	795	3%	189	3%
Architecture and Related Services	428	1	164	a	240	1	23	a
Area, Ethnic, Cultural and Gender Studies	817	1	434	1	327	1	57	1
Business	7,957	10	2,510	6	4,632	15	815	11
Communications	3,946	5	2,354	6	1,496	5	96	1
Computer and Information Sciences and Support Services	2,181	3	1,001	2	922	3	259	4
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	2,694	3	481	1	1,220	4	992	14
Engineering	6,457	8	1,570	4	3,841	13	1,046	14
Foreign Languages, Literature and Linguistics	3,622	5	2,505	6	903	3	214	3
Health Professions and Related Clinical Sciences	2,465	3	669	2	1,526	5	270	4
Family and Consumer Sciences/ Human Sciences	2,293	3	1,156	3	1,056	4	81	1
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	784	1	--	--	--	--	784	11
English Language and Literature/Letters	4,356	5	2,574	6	1,662	6	119	2
Liberal Arts and Sciences, General Studies and Humanities	242	a	152	a	84	a	6	a
Library Science	2	a	1	a	1	a	--	a
Biological and Biomedical Sciences	4,832	6	2,978	7	1,475	5	378	5
Mathematics and Statistics	7,660	10	6,574	16	839	3	248	3
Military Technologies	114	a	62	a	52	a	--	--
Multi/Interdisciplinary Studies	294	a	126	a	89	a	78	1
Parks, Recreation, Leisure and Fitness Studies	2,478	3	843	2	1,584	5	51	1
Personal and Social Development	40	a	28	a	13	a	--	a
Philosophy and Religion/Theology	1,157	1	865	2	258	1	34	a
Physical Sciences	6,730	8	4,472	11	1,544	5	714	10
Psychology	3,240	4	1,719	4	1,242	4	279	4
Security and Protective Services/ Public Administration and Services	922	1	413	1	418	1	91	1
Social Sciences and History	6,394	8	4,062	10	2,036	7	296	4
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	4,432	6	3,012	7	1,273	4	148	2
Other	1,697	2	1,304	3	353	1	40	1
Total <sup>3</sup>	79,556	100	42,369	100	29,882	100	7,306	100

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

2. Graduate includes master's, first-professional (excluding medical school) and/or doctor's levels.

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by Pennsylvania State University, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 3C

UNIVERSITY OF PITTSBURGH  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2011-12

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	136	a	83	1%	52	1%	1	a
Business	2,795	8%	558	3	1,250	15	987	10%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	863	3	444	3	182	2	237	3
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,688	5	375	2	454	5	859	9
Engineering	2,072	6	678	4	827	10	567	6
Foreign Languages, Literature and Linguistics	1,577	5	1,077	7	428	5	72	1
Health Professions and Related Clinical Sciences	5,009	15	483	3	1,036	12	3,490	37
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	892	3	--	--	5	a	887	9
English Language and Literature/Letters	2,867	8	2,040	12	745	9	83	1
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	310	1	7	a	4	a	299	3
Biological and Biomedical Sciences	1,471	4	965	6	372	4	134	1
Mathematics and Statistics	2,055	6	1,599	10	343	4	114	1
Military Technologies	16	a	9	a	7	a	--	--
Multi/Interdisciplinary Studies	1,107	3	742	5	296	3	69	1
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	717	2	470	3	196	2	52	1
Physical Sciences	2,700	8	2,230	14	207	2	263	3
Psychology	1,644	5	1,060	6	378	4	206	2
Security and Protective Services/ Public Administration and Services	1,410	4	187	1	393	5	830	9
Social Sciences and History	3,598	11	2,304	14	1,107	13	187	2
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	1,319	4	1,042	6	174	2	104	1
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	34,244	100	16,352	100	8,452	100	9,440	100

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

2. Graduate includes master's, first-professional (excluding medical school) and/or doctor's levels.

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the University of Pittsburgh, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 3D

TEMPLE UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2011-12

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	494	1%	164	1%	243	2%	87	1%
Area, Ethnic, Cultural and Gender Studies	878	3	513	4	344	2	21	a
Business	3,870	11	748	6	2,524	17	598	9
Communications	2,164	6	710	6	1,358	9	96	1
Computer and Information Sciences and Support Services	483	1	190	2	250	2	44	1
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,506	4	454	4	677	4	375	5
Engineering	824	2	325	3	450	3	49	1
Foreign Languages, Literature and Linguistics	1,218	4	575	5	625	4	19	a
Health Professions and Related Clinical Sciences	3,767	11	215	2	731	5	2,821	40
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	1,615	5	202	2	185	1	1,228	18
English Language and Literature/Letters	1,562	5	1,068	9	437	3	57	1
Liberal Arts and Sciences, General Studies and Humanities	741	2	546	4	186	1	9	a
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	731	2	221	2	479	3	31	a
Mathematics and Statistics	2,186	6	1,366	11	718	5	102	1
Military Technologies	2	a	1	a	1	a	--	--
Multi/Interdisciplinary Studies	41	a	33	a	8	a	--	--
Parks, Recreation, Leisure and Fitness Studies	1,302	4	385	3	833	5	85	1
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	798	2	359	3	401	3	38	1
Physical Sciences	1,598	5	859	7	677	4	62	1
Psychology	1,597	5	502	4	823	5	272	4
Security and Protective Services/ Public Administration and Services	1,269	4	197	2	529	3	544	8
Social Sciences and History	3,600	10	1,722	14	1,699	11	179	3
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	2,227	6	924	8	1,026	7	277	4
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	34,473	100	12,275	100	15,203	100	6,994	100

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

2. Graduate includes master's, first-professional (excluding medical school) and/or doctor's levels.

3. CIP details provided by university may not sum to full time equivalent student totals.

a. Rounds to less than 1 percent.

SOURCE: Data provided by Temple University, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 3E

STATE-OWNED UNIVERSITIES  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2011-12

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	301	a	255	a	40	a	6	a
Architecture and Related Services	36	a	4	a	24	a	8	a
Area, Ethnic, Cultural and Gender Studies	664	1%	355	1%	299	1%	10	a
Business	9,447	9	3,079	5	5,661	16	708	6%
Communications	4,257	4	2,724	4	1,357	4	177	2
Computer and Information Sciences and Support Services	2,141	2	1,587	3	516	1	38	a
Personal and Culinary Services	230	a	148	a	80	a	2	a
Education	14,715	13	3,401	5	6,882	19	4,432	39
Engineering	529	a	193	a	247	1	89	1
Foreign Languages, Literature and Linguistics	2,779	3	2,317	4	413	1	48	a
Health Professions and Related Clinical Sciences	6,487	6	1,896	3	2,912	8	1,679	15
Family and Consumer Sciences/ Human Sciences	670	1	307	a	342	1	21	a
Technology Education/Industrial Arts	310	a	116	a	158	a	36	a
Legal Professions and Studies	351	a	184	a	75	a	91	1
English Language and Literature/Letters	7,927	7	6,045	10	1,643	5	239	2
Liberal Arts and Sciences, General Studies and Humanities	473	a	225	a	236	1	11	a
Library Science	433	a	44	a	34	a	355	3
Biological and Biomedical Sciences	4,919	4	3,676	6	1,115	3	128	1
Mathematics and Statistics	6,339	6	5,507	9	717	2	115	1
Military Technologies	152	a	116	a	35	a	0	a
Multi/Interdisciplinary Studies	748	1	488	1	242	1	17	a
Parks, Recreation, Leisure and Fitness Studies	4,154	4	1,534	2	1,602	5	1,018	9
Personal and Social Development	1,050	1	1,009	2	38	a	4	a
Philosophy and Religion/Theology	2,117	2	1,766	3	315	1	36	a
Physical Sciences	6,079	6	5,209	8	826	2	44	a
Psychology	6,321	6	3,648	6	2,043	6	630	6
Security and Protective Services/ Public Administration and Services	3,776	3	1,161	2	1,886	5	729	6
Social Sciences and History	14,598	13	10,605	17	3,615	10	378	3
Trade and Industrial	2	a	2	a	--	a	0	a
Visual and Performing Arts	7,502	7	5,320	8	2,033	6	149	1
Other	228	a	80	a	62	a	86	1
Total <sup>3</sup>	109,735	100	63,001	100	35,448	100	11,286	100

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

2. Graduate includes master's level for all universities and doctor's level for Bloomsburg, East Stroudsburg, Indiana and Slippery Rock.

3. Details provided by universities may not sum to full-time equivalent student totals.

a. Rounds to zero percent.

SOURCE: Data provided by the individual state-owned universities, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 4

DEGREES CONFERRED<sup>1</sup>  
2011-12, CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

University	Total				Bachelor's				Graduate <sup>2</sup>			
	Degrees	One-year change	Percentage change One-year	Five-year average	Degrees	One-year change	Percentage change One-year	Five-year average	Degrees	One-year change	Percentage change One-year	Five-year average
State-related												
Lincoln	453	85	23%	2%	256	16	7%	2%	197	69	54%	1%
Penn State	18,338	457	3	3	14,930	281	2	3	3,408	176	5	3
Pittsburgh	8,602	212	3	3	5,361	134	3	3	3,241	78	2	4
Temple	8,380	115	1	3	5,962	136	2	4	2,418	-21	-1	a
Total	35,773	869	2	3	26,509	567	2	3	9,264	302	3	2
State-owned												
Bloomsburg	2,052	-7	a	2	1,668	-2	a	2	384	-5	-1	4
California	2,463	124	5	7	1,469	121	9	6	994	3	a	9
Cheyney	159	22	16	-4	142	19	15	-1	17	3	21	-19
Clarion	1,392	-105	-7	3	998	15	2	1	394	-120	-23	9
East Stroudsburg	1,768	280	19	5	1,453	317	28	5	315	-37	-11	3
Edinboro	1,577	40	3	3	982	-4	a	-2	595	44	8	16
Indiana	2,935	-8	a	a	2,171	15	1	-1	764	-23	-3	2
Kutztown	2,104	74	4	2	1,812	21	1	3	292	53	22	a
Lock Haven	896	23	3	1	798	17	2	1	98	6	7	-1
Mansfield	695	-9	-1	a	561	7	1	a	134	-16	-11	a
Millersville	1,804	-34	-2	2	1,538	-16	-1	2	266	-18	-6	3
Shippensburg	1,804	132	8	1	1,408	109	8	1	396	23	6	2
Slippery Rock	2,120	239	13	3	1,778	252	17	3	342	-13	-4	5
West Chester	3,328	121	4	4	2,687	145	6	4	641	-24	-4	2
Total	23,520	301	1	1	18,483	1,020	6	1	5,037	-719	-12	2
All universities	59,293	1,170	2	2	44,992	1,587	4	2	14,301	-417	-3	2

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

2. Graduate includes master's at all universities, first professional (excluding medical schools) at Penn State, Pittsburgh and Temple, and doctor's at Penn State, Pittsburgh, Temple, Bloomsburg, Indiana and Slippery Rock.

a. Rounds to zero percent.

SOURCE: Data provided by the individual universities, 2007 to 2012.

Table 5

NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY  
FALL 2011, AND PERCENTAGE CHANGE FROM FALL 2010

University	Full-time employed faculty <sup>1</sup>	Student contact				Average weekly hours <sup>2</sup>				Other university service <sup>4</sup>	Total work- week	Percentage change	
		Under-graduate		Graduate		Instruc- tional support <sup>3</sup>	Research		Percentage change				
		Percentage change	Percentage change	Percentage change	Percentage change								
<b>State-related</b>													
Lincoln	106	9.4	-23%	0.6	8%	16.1	-24%	7.8	-24%	8.3	-24%	42.4	-24%
Penn State	3,895	6.6	a	1.5	8	18.9	-2	16.8	-5	6.3	a	50.1	-2
Pittsburgh	1,984	4.9	1	2.4	-7	13.9	a	21.7	-1	9.2	-2	52.1	-1
Temple	1,325	5.7	2	3.4	5	18.8	-1	14.7	1	10.2	2	52.8	1
Total	7,310	6.0	a	2.1	-1	17.5	-2	17.6	-3	7.8	-1	51.0	-2
<b>State-owned</b>													
Bloomsburg	413	10.9	a	1.2	-8	17.8	-2	9.2	-6	16.7	a	55.8	-2
California	263	9.0	-3	1.6	7	19.1	14	6.9	11	19.2	6	55.8	7
Cheyney	83	8.6	-28	0.4	-94	0.0	-100	0.0	-100	0.0	-100	9.1	-83
Clarion	267	10.0	-4	0.8	-46	19.4	-4	5.3	-21	12.2	-9	47.7	-8
East Stroudsburg	298	11.0	-8	1.7	5	18.3	-5	7.9	2	16.8	-2	55.7	-4
Edinboro	333	9.8	-3	1.8	-8	15.5	-5	7.5	-9	13.3	-10	47.9	-7
Indiana	662	9.7	2	1.8	-6	18.6	-3	8.9	6	20.3	2	59.2	1
Kutztown	435	8.7	-28	0.5	-40	10.3	-40	5.8	-29	41.3	172	66.6	24
Lock Haven	245	10.5	-6	0.6	49	18.5	-3	5.9	-7	19.1	6	54.5	-1
Mansfield	146	7.2	-1	0.2	-17	21.4	-3	7.4	-14	11.2	-9	47.5	-6
Millersville	306	10.4	2	1.0	a	16.4	-2	7.9	-3	17.7	2	53.3	a
Shippensburg	310	9.3	4	0.9	8	17.4	3	8.5	-2	18.0	2	54.0	2
Slippery Rock	376	11.0	-4	1.1	-1	17.7	1	8.7	1	16.1	1	54.6	a
West Chester	574	10.3	-1	1.7	a	16.6	-1	11.1	-3	17.1	-2	56.8	-2
Total	4,711	10.0	-3	1.2	-4	17.1	-5	8.2	-5	18.6	11	55.1	a
All universities	12,021	7.4	-3	1.8	-1	17.4	-3	14.3	-2	11.7	4	52.5	-1

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 zero percent.

SOURCE: Data provided by the individual universities, 2011 and 2012.

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK<sup>1</sup>  
2011-12  
(Dollars in thousands)

University	FTE instructional faculty		Average instructional salary		Professor		Associate professor		Assistant professor		Instructor		No rank <sup>2</sup>	
	Number	Percentage change 2010-11 to 2011-12	Amount	Percentage change 2010-11 to 2011-12	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty
State-related														
Lincoln	117	-16%	\$51.4	-24%	\$95.1	17%	\$69.9	21%	\$58.2	25%	\$50.4	3%	\$12.4	33%
Penn State	4,373	-1	70.4	1	115.5	18	87.6	19	73.1	16	43.4	20	48.1	28
Pittsburgh	2,088	1	60.7	1	109.0	15	70.7	19	56.9	20	32.1	17	47.3	28
Temple	1,885	0	66.6	1	125.7	17	82.5	18	54.7	27	39.3	19	43.0	19
Total	8,463	0	66.9	1	116.0	17	82.0	19	63.0	20	40.0	19	46.5	26
State-owned														
Bloomsburg	462	0	70.3	-2	97.3	23	79.2	24	61.1	27	47.9	26	0	0
California	345	0	77.8	2	102.0	27	85.1	24	69.2	29	49.0	20	67.4	0
Cheyney <sup>3</sup>	86	0	75.5 <sup>3</sup>	0	102.6	18	73.0	26	62.4	31	74.5	25	na	na
Clarion	463	39	50.6	-31	78.4	28	53.2	21	42.9	23	27.6	28	na	na
East Stroudsburg	315	-17	73.2	6	96.3	28	77.2	30	63.4	25	44.6	18	na	na
Edinboro	388	-4	72.4	1	96.4	28	77.7	23	65.0	27	44.3	21	68.3	0
Indiana	741	1	75.0	1	98.8	30	80.4	28	58.9	28	45.1	12	44.0	2
Kutztown <sup>3</sup>	455	0	71.6	0	98.9	22	77.5	26	60.8	40	42.9	11	na	na
Lock Haven	363	35	74.3	4	91.0	19	79.9	32	67.2	38	54.7	11	na	na
Mansfield	161	-6	72.6	4	98.6	18	82.9	25	65.3	39	50.4	17	0	1
Millersville	378	-9	72.0	-3	95.9	26	77.2	28	60.5	30	44.9	16	na	na
Shippensburg	380	2	74.1	-2	91.1	28	76.5	32	63.4	25	41.4	14	na	na
Slippery Rock	397	-2	75.6	2	100.7	22	83.4	27	66.5	33	52.7	17	49.4	1
West Chester	745	3	67.9	-1	96.9	23	78.5	22	64.4	21	43.1	33	25.2	0
Total	5,679	2	71.0	-2	96.0	25	77.5	26	62.0	29	44.3	20	41.1	0
All universities	14,142	1	68.5	0	106.0	20	79.8	22	62.5	24	41.8	19	46.4	16

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.

3. Academic year 2010-2011 data is repeated, due to submission and database difficulties no updated data was available at time of publication. For additional inquiries regarding this table, contact JSGC staff directly.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2011 and 2012.



Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2011-12, CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

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	\$2,933	-8%	3%	\$5,053	44%	3%	\$3,363	3%	3%	\$3,150	118%	10%
Penn State	3,093	50	9	4,193	5	1	3,548	25	5	6,592	-10	2
Pittsburgh	2,467	11	1	4,258	10	2	3,077	10	2	4,539	-13	-4
Temple	2,668	20	6	3,763	5	4	3,724	25	7	5,884	7	3
Total	2,722	27	6	4,048	5	2	3,300	15	4	5,356	-4	a
State-owned												
Bloomsburg	2,303	-11	-2	5,015	a	2	3,071	-6	a	6,497	40	9
California	2,025	-15	-3	3,899	6	1	2,863	-4	a	3,097	13	1
Cheyney	4,262	21	4	7,747	a	8	5,172	11	5	15,916	8	33
Clarion	3,167	6	6	5,824	13	2	4,090	12	5	4,553	-2	-4
East Stroudsburg	1,163	-56	-14	7,123	24	6	3,181	-13	-1	6,862	39	13
Edinboro	2,633	-12	-1	5,746	11	3	3,791	a	1	4,866	7	-2
Indiana	2,332	-8	-1	5,213	0	2	3,242	-3	a	6,110	-7	2
Kutztown	2,779	35	8	4,572	-5	a	3,566	14	5	5,366	-7	1
Lock Haven	4,642	53	16	6,567	34	8	5,182	46	13	3,837	11	8
Mansfield	3,219	8	3	4,694	-4	-2	3,843	2	a	4,271	11	16
Millersville	2,859	-8	1	3,883	-17	-2	3,258	-12	-1	4,913	15	8
Shippensburg	2,517	-11	a	5,599	5	6	3,493	-2	3	7,378	37	5
Slippery Rock	2,522	-13	-1	4,793	13	4	3,412	a	2	5,159	29	1
West Chester	2,461	-9	a	4,778	5	2	3,336	-2	1	6,012	10	1
Total	2,465	-9	a	5,222	8	3	3,458	a	2	5,404	17	4
All universities	2,648	10	3	4,495	6	2	3,373	8	3	5,368	4	2

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

a. Rounds to zero percent.

SOURCE: Data provided by the individual universities, 2007 to 2012.

Table 8A

LINCOLN UNIVERSITY  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2011-12

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	--	--	--	--	--	--
Business	--	--	--	\$17,761	--	--
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--
Education	\$2,852	\$8,940	\$3,613	3,790	--	--
Engineering	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	1,789	4,317	2,467	--	--	--
Health Professions and Related Clinical Sciences	--	--	--	--	--	--
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	--	--	--
English Language and Literature/Letters	3,352	4,252	3,507	7,757	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	3,406	7,037	3,979	--	--	--
Mathematics and Statistics	3,859	10,346	4,189	7,156	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	2,803	3,520	2,997	2,138	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,501	5,745	3,017	--	--	--
Physical Sciences	5,838	32,688	6,712	--	--	--
Psychology	1,816	3,984	2,666	--	--	--
Security and Protective Services/ Public Administration and Services	--	--	--	851	--	--
Social Sciences and History	2,388	3,767	2,871	4,524	--	--
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	6,481	17,071	7,567	--	--	--
Other	--	--	--	--	--	--
Total	2,933	5,053	3,363	3,150	--	--

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, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 8B

PENNSYLVANIA STATE UNIVERSITY  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2011-12

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$3,497	\$4,085	\$3,909	\$8,362	--	\$9,763
Architecture and Related Services	5,399	7,340	6,551	16,727	--	14,271
Area, Ethnic, Cultural and Gender Studies	3,087	3,927	3,448	6,548	--	12,300
Business	3,139	4,479	4,008	5,426	--	4,816
Communications	2,732	3,426	3,002	7,300	--	6,609
Computer and Information Sciences and Support Services	4,695	6,238	5,435	7,911	--	11,536
Personal and Culinary Services	--	--	--	--	--	--
Education	3,952	6,235	5,589	5,911	--	7,294
Engineering	5,531	5,137	5,252	9,451	--	12,436
Foreign Languages, Literature and Linguistics	2,985	3,770	3,193	4,338	--	5,312
Health Professions and Related Clinical Sciences	4,298	4,184	4,219	6,065	--	8,175
Family and Consumer Sciences/ Human Sciences	1,612	3,279	2,408	4,683	--	5,333
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	6,399	\$7,558	--
English Language and Literature/Letters	3,330	3,438	3,373	5,185	--	6,093
Liberal Arts and Sciences, General Studies and Humanities	3,955	7,538	5,236	11,303	--	12,074
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	2,778	3,080	2,878	7,783	--	8,426
Mathematics and Statistics	2,507	3,269	2,593	2,795	--	5,740
Military Technologies	6	7	6	--	--	--
Multi/Interdisciplinary Studies	6,613	7,546	7,000	14,424	--	17,416
Parks, Recreation, Leisure and Fitness Studies	2,765	2,806	2,792	5,996	--	5,915
Personal and Social Development	8,753	6,523	8,049	--	--	--
Philosophy and Religion/Theology	2,476	3,939	2,812	5,689	--	7,208
Physical Sciences	3,027	4,521	3,410	8,684	--	10,863
Psychology	2,222	4,221	3,060	7,543	--	10,300
Security and Protective Services/ Public Administration and Services	3,325	6,175	4,758	8,418	--	11,237
Social Sciences and History	2,083	3,406	2,525	7,646	--	9,371
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,562	4,017	2,994	9,293	--	10,224
Other	2,609	3,887	2,882	10,805	--	7,470
Total	3,093	4,193	3,548	6,592	4,608	8,105

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

2. Excludes medical school data.

SOURCE: Data provided by Pennsylvania State University, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics

Table 8C

UNIVERSITY OF PITTSBURGH  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2011-12

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	\$2,609	\$4,829	\$3,472	\$7,328	--	--
Business	2,521	4,319	3,763	2,788	--	\$25,442
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	2,779	4,890	3,383	7,680	--	33,910
Personal and Culinary Services	--	--	--	--	--	--
Education	2,946	4,368	3,727	3,343	--	9,606
Engineering	2,087	3,459	2,843	7,248	--	28,803
Foreign Languages, Literature and Linguistics	3,326	3,252	3,305	8,721	--	21,361
Health Professions and Related Clinical Sciences	2,050	3,471	3,016	4,968	\$1,280	23,854
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	8,311	8,311	46,880	2,688	--
English Language and Literature/Letters	2,719	4,519	3,202	5,658	--	6,743
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	6,151	3,686	5,237	3,624	--	29,536
Biological and Biomedical Sciences	2,584	5,872	3,489	3,741	--	12,804
Mathematics and Statistics	2,293	3,181	2,450	6,382	--	11,129
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	1,958	3,134	2,286	2,102	351	8,045
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,123	5,140	2,991	8,061	--	42,287
Physical Sciences	2,304	9,016	2,885	4,235	--	12,015
Psychology	987	3,747	1,708	4,013	--	13,808
Security and Protective Services/ Public Administration and Services	2,183	3,324	2,957	3,819	--	12,100
Social Sciences and History	1,865	4,552	2,739	12,466	--	27,668
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,341	5,963	2,863	6,502	--	37,999
Other	--	--	--	--	--	--
<b>Total</b>	<b>2,467</b>	<b>4,258</b>	<b>3,077</b>	<b>4,539</b>	<b>1,536</b>	<b>19,070</b>

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

2. Excludes medical school data.

SOURCE: Data provided by University of Pittsburgh, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 8D

TEMPLE UNIVERSITY  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2011-12

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and Related Services Area, Ethnic, Cultural and Gender Studies	\$2,517	\$4,799	\$3,879	\$6,312	--	--
Business	1,854	2,579	2,145	6,101	--	\$6,789
Communications	2,130	3,438	3,139	4,929	\$4,956	12,511
Computer and Information Sciences and Support Services	2,085	3,463	2,990	7,885	--	11,776
Education	3,663	6,706	5,393	14,011	--	22,273
Engineering	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	2,671	3,117	2,938	5,335	--	11,824
Health Professions and Related Clinical Sciences	3,425	4,861	4,259	15,707	--	26,625
Family and Consumer Sciences/ Human Sciences	2,167	2,805	2,499	3,752	--	5,408
Technology Education/Industrial Arts	3,949	5,797	5,377	9,356	2,264	6,443
Legal Professions and Studies	--	--	--	--	--	--
English Language and Literature/Letters	2,784	5,680	4,168	7,502	6,126	--
Liberal Arts and Sciences, General Studies and Humanities	2,710	2,398	2,619	4,289	--	4,313
Library Science	2,034	2,217	2,080	3,717	--	--
Biological and Biomedical Sciences	--	--	--	--	--	--
Mathematics and Statistics	1,835	4,139	3,412	7,266	--	22,124
Military Technologies	1,336	2,293	1,666	3,663	2,191	10,608
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	2,132	4,043	2,512	3,607	--	--
Personal and Social Development	1,575	3,193	2,682	5,966	--	10,936
Philosophy and Religion/Theology	--	--	--	--	--	--
Physical Sciences	1,949	2,957	2,481	9,613	--	9,968
Psychology	2,135	3,168	2,591	10,788	--	24,169
Security and Protective Services/ Public Administration and Services	2,543	5,569	4,423	9,083	--	18,083
Social Sciences and History	2,131	2,901	2,693	3,285	--	5,541
Trade and Industrial	1,772	3,053	2,408	6,179	10,324	6,822
Visual and Performing Arts	--	--	--	--	--	--
Other	3,229	4,553	3,925	8,008	--	16,723
Total	--	--	--	--	--	--
Total	2,668	3,763	3,274	5,884	2,248	9,316

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

2. Excludes medical school data.

SOURCE: Data provided by Temple University, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 8E

STATE-OWNED UNIVERSITIES  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2011-12

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional	Doctor's <sup>2</sup>
Agriculture	\$2,105	\$5,102	\$2,412	\$10,123	--	--
Architecture and Related Services	1,265	4,800	4,259	6,026	--	--
Area, Ethnic, Cultural and Gender Studies	2,844	3,740	3,261	7,011	--	--
Business	2,256	3,973	3,366	5,242	--	\$4,310
Communications	2,437	5,212	3,356	9,260	--	14,004
Computer and Information Sciences and Support Services	3,229	6,269	3,972	14,981	--	--
Personal and Culinary Services	2,784	33,930	4,489	28,573	--	--
Education	1,848	5,096	4,022	3,719	--	7,151
Engineering	4,503	5,911	5,290	3,175	--	--
Foreign Languages, Literature and Linguistics	3,222	6,680	3,740	10,035	--	10,639
Health Professions and Related Clinical Sciences	2,853	5,472	4,428	5,400	--	3,515
Family and Consumer Sciences/ Human Sciences	2,706	3,584	3,147	8,095	--	6,580
Technology Education/Industrial Arts	4,519	4,490	4,502	6,002	--	--
Legal Professions and Studies	2,058	2,460	2,174	2,700	--	--
English Language and Literature/Letters	3,196	4,734	3,517	6,690	--	17,571
Liberal Arts and Sciences, General Studies and Humanities	4,465	6,872	5,684	8,884	--	--
Library Science	4,311	6,034	5,060	2,454	--	--
Biological and Biomedical Sciences	2,582	7,270	3,657	18,177	--	54,033
Mathematics and Statistics	2,742	5,411	3,050	9,102	--	7,556
Military Technologies	0	0	0	--	--	--
Multi/Interdisciplinary Studies	2,749	5,018	3,490	5,855	--	5,982
Parks, Recreation, Leisure and Fitness Studies	2,122	4,127	3,145	2,555	--	43,559
Personal and Social Development	3,101	4,775	3,161	4,227	--	--
Philosophy and Religion/Theology	2,151	4,296	2,479	14,072	--	5,532
Physical Sciences	3,113	9,018	3,929	14,408	--	78,217
Psychology	2,021	4,175	2,787	6,188	--	8,930
Security and Protective Services/ Public Administration and Services	1,968	3,120	2,677	4,203	--	15,663
Social Sciences and History	1,911	4,881	2,659	10,502	--	13,185
Trade and Industrial	19,990	--	19,990	15,992	--	--
Visual and Performing Arts	3,288	7,814	4,512	14,372	--	62,092
Other	3,129	4,549	3,806	2,839	--	58,932
<b>Total</b>	<b>2,433</b>	<b>5,193</b>	<b>3,423</b>	<b>5,305</b>	<b>--</b>	<b>8,647</b>

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

SOURCE: Data provided by the individual State-owned universities, 2012; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)," U.S. Department of Education, National Center for Education Statistics.

Table 9

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
 2011-12, CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

University	Undergraduate											
	Lower division			Upper division			Total undergraduate			Master's		
	Class size	Percentage change		Class size	Percentage change		Class size	Percentage change		Class size	Percentage change	
	One-year	Five-year average <sup>2</sup>		One-year	Five-year average <sup>2</sup>		One-year	Five-year average <sup>2</sup>		One-year	Five-year average <sup>2</sup>	
State-related												
Lincoln	22	-13%	-2%	15	-15%	2%	20	-13%	-1%	16	-6%	1%
Penn State	31	1	0	26	-2	0	29	-1	0	13	-6	-1
Pittsburgh	30	-2	1	24	-1	0	28	0	1	17	-3	0
Temple	33	10	2	26	4	1	29	7	1	14	1	0
Total	31	1	1	26	2	1	29	2	0	14	-13	-2
State-owned												
Bloomsburg	33	-1	2	19	3	1	28	-1	1	11	-8	-2
California	44	13	7	25	2	2	32	8	5	24	-1	5
Cheyney	39	23	11	28	88	12	36	43	11	11	41	1
Clarion	26	-16	-7	14	-21	-2	20	-19	-6	15	4	4
East Stroudsburg	35	15	2	24	8	1	30	13	1	13	-12	-5
Edinboro	30	3	2	21	-4	0	26	1	2	16	-5	6
Indiana	35	2	1	20	1	6	29	2	3	12	3	1
Kutztown	35	-6	0	21	10	4	27	-4	1	14	29	3
Lock Haven	34	16	3	23	13	10	30	14	6	27	4	16
Mansfield	28	9	3	19	11	1	24	7	1	17	-8	1
Millersville	32	7	2	24	0	2	28	1	2	15	-8	-2
Shippensburg	31	-2	2	19	-12	-3	27	-5	0	10	-20	-6
Slippery Rock	33	2	0	20	-5	0	26	-3	-1	15	-4	3
West Chester	31	2	3	18	3	3	24	0	4	12	3	7
Total	33	2	2	20	1	2	27	0	1	15	-2	2
All universities	31	1	1	25	8	3	28	2	2	14	-7	0

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

2. Annual average percentage change for five years.

SOURCE: Data provided by the individual universities, 2007 to 2012.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE  
2011-12, CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

University	Undergraduate						Graduate <sup>1</sup>					
	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	\$9,062	7%	5%	\$14,028	5%	4%	\$10,992	7%	5%	\$18,132	4%	4%
Penn State <sup>2</sup>	15,984	5	6	28,066	4	5	18,032	5	6	30,516	4	5
Pittsburgh <sup>2</sup>	16,132	8	7	25,540	4	4	19,514	8	7	31,476	4	4
Temple	13,596	9	7	23,422	5	6	17,078	10	7	23,654	5	5
Average	13,694	7	6	22,764	4	5	16,404	7	6	25,945	4	4
State-owned												
Bloomsburg	8,082	8	5	17,620	8	5	9,398	8	5	13,892	7	5
California	8,912	7	7	13,786	16	10	10,365	6	6	14,109	0	4
Cheyney	8,404	9	7	17,942	8	6	7,738	-3	3	11,008	-11	1
Clarion	8,340	8	5	14,680	8	5	10,010	9	6	13,754	2	4
East Stroudsburg	8,351	7	5	17,889	8	5	9,440	8	6	13,184	1	4
Edinboro	8,360	8	6	11,988	12	6	9,547	2	4	13,291	-3	3
Indiana	8,362	10	6	18,854	15	7	8,876	2	5	12,620	-3	3
Kutztown	8,359	8	5	17,897	8	5	8,876	5	4	12,620	-1	3
Lock Haven	8,239	9	6	15,777	10	6	9,913	9	5	13,657	2	4
Mansfield	8,654	7	6	18,192	8	5	8,822	5	4	12,566	-1	3
Millersville	8,361	9	6	17,899	8	6	9,567	9	6	13,311	2	4
Shippensburg	8,856	10	7	18,394	9	6	9,630	10	7	13,374	2	5
Slippery Rock	8,505	11	7	11,804	10	6	10,210	9	6	13,954	-2	3
West Chester	8,274	8	6	17,634	7	5	9,273	8	6	13,017	1	4
Average	8,433	9	6	16,454	9	6	9,405	6	5	13,168	0	4

1. Excludes first-professional level.

2. Main campus data only.

SOURCE: National Center for Education Statistics. <http://nces.ed.gov/collegenavigator> Tuition, Fees, and Estimated Student Expenses for each university.



Table 11

TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
 2011-12, CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

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
<b>State-related</b>							
Lincoln	\$27,660	2%	3%	\$13,754	\$2,533	23%	6%
Penn State	1,479,859	6	8	18,601	1,029	6	6
Pittsburgh	646,180	6	7	18,870	1,144	6	6
Temple	645,592	9	9	18,689	1,825	11	7
Total	2,799,291	7	8	18,618	1,276	7	6
<b>State-owned</b>							
Bloomsburg	89,369	8	9	9,182	775	9	6
California	81,358	10	10	9,071	844	10	7
Cheyney	11,867	-8	-1	9,873	-245	-2	7
Clarion	55,755	8	6	8,945	996	13	6
East Stroudsburg	70,180	9	7	10,646	1,269	14	6
Edinboro	64,682	5	8	9,092	737	9	6
Indiana	135,399	13	8	9,282	1,202	15	7
Kutztown	83,563	5	5	8,910	830	10	5
Lock Haven	45,440	7	5	8,639	759	10	6
Mansfield	26,239	0	3	8,940	758	9	4
Millersville	71,964	6	6	9,003	701	8	6
Shippensburg	66,091	8	7	8,906	832	10	6
Slippery Rock	74,113	8	7	8,448	679	9	5
West Chester	132,776	12	9	9,479	793	9	5
Total	1,008,796	8	7	9,154	863	10	6
All universities	3,808,087	7	8	14,615	1,129	6	6

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.

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2007 to 2012; FTE students - data provided by the individual universities, 2007 to 2012.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2011-12 CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

University	Total instructional appropriations			Instructional appropriations per FTE student			
	Amount (000s)	Percentage change		Amount	One-year change	Percentage change	
		One- year	Five-year average			One- year	Five-year average
State-related							
Lincoln	\$10,605	-22	-5%	\$5,272	-\$343	-6%	-2%
Penn State	203,404	-23	-5	2,557	-760	-23	-6
Pittsburgh	127,293	-19	-5	3,717	-867	-19	-6
Temple	132,921	-19	-5	3,848	-861	-18	-7
Total	474,223	-21	-5	3,154	-809	-20	-6
State-owned							
Bloomsburg	33,061	-1	-2	3,397	-95	-3	-5
California	29,182	-11	-2	3,254	-342	-10	-5
Cheyney	13,439	-5	2	11,181	403	4	10
Clarion	23,362	-9	-3	3,748	-71	-2	-4
East Stroudsburg	21,456	-13	-3	3,255	-269	-8	-3
Edinboro	25,338	-1	-3	3,562	-38	-1	-4
Indiana	51,427	-7	-4	3,525	-283	-7	-5
Kutztown	34,863	-8	-2	3,717	-29	-1	-2
Lock Haven	19,794	-8	-2	3,763	-209	-5	-2
Mansfield	17,362	-4	1	5,915	215	4	2
Millersville	30,549	-10	-5	3,822	-261	-6	-5
Shippensburg	28,375	-7	-3	3,824	-211	-5	-4
Slippery Rock	32,494	-10	-3	3,704	-268	-7	-5
West Chester	47,448	-4	-2	3,387	-344	-9	-5
Total <sup>2</sup>	408,150	-7	-2	3,704	-203	-5	-4
All universities <sup>2</sup>	882,373	-15	-4	3,387	-553	-14	-5

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

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

SOURCE: Instructional appropriations - *Governor's Executive Budget*, 2007-08 to 2011-12; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2007 to 2012. FTE students - data provided by the individual universities, 2007 to 2012.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID  
RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2011-12, CHANGE FROM 2010-11 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2006-07 to 2011-12)

University	Per FTE student			Ratio of instructional appropriations to total instructional revenues			Student aid per FTE student <sup>2</sup>
	Tuition and fee revenues	Instructional appropriations	Total instructional revenues	Percentage	Percentage change One-year	Five-year average	
<b>State-related</b>							
Lincoln	\$13,754	\$5,272	\$19,026	28%	-17%	-5%	\$720
Penn State	18,601	2,557	21,158	12	-24	-8	782
Pittsburgh	18,870	3,717	22,587	16	-20	-7	858
Temple	18,689	3,848	22,537	17	-22	-8	602
Total	18,618	3,154	21,772	14	-22	-8	757
<b>State-owned</b>							
Bloomsburg	9,182	3,397	12,579	27	-8	-6	879
California	9,071	3,254	12,325	26	-13	-6	875
Cheyney	9,873	11,181	21,053	53	3	1	1,661
Clarion	8,945	3,748	12,693	30	-9	-5	1,070
East Stroudsburg	10,646	3,255	13,901	23	-14	-6	769
Edinboro	9,092	3,562	12,654	28	-7	-6	1,107
Indiana	9,282	3,525	12,808	28	-14	-6	1,088
Kutztown	8,910	3,717	12,627	29	-7	-5	936
Lock Haven	8,639	3,763	12,402	30	-9	-4	1,150
Mansfield	8,940	5,915	14,855	40	-3	-1	1,152
Millersville	9,003	3,822	12,825	30	-10	-6	919
Shippensburg	8,906	3,824	12,730	30	-10	-5	901
Slippery Rock	8,448	3,704	12,152	30	-10	-5	1,013
West Chester	9,479	3,387	12,866	26	-12	-6	675
Total <sup>3</sup>	9,154	3,704	12,858	29	-10	-5	948
All universities <sup>3</sup>	14,615	3,387	18,002	19	-17	-7	838

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

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

3. Instructional appropriations exclude amount allocated to Office of the Chancellor and the System Reserve of the Pennsylvania State System of Higher Education.

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2007 to 2012; instructional appropriations - *Governor's Executive Budget*, 2008-09 to 2012-13; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2007 to 2012; FTE students - data provided by the individual universities, 2007 to 2012; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, August 2012.

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## **II. HISTORICAL DATA**

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Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL<sup>1</sup>  
2006-07 to 2011-12

University	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
<b>State-related</b>						
Lincoln						
Total	2,330	2,496	2,527	2,593	2,426	2,011
Undergraduate	1,801	1,980	1,987	2,030	1,828	1,499
Graduate	529	516	540	563	598	512
Penn State						
Total	73,642	75,250	78,174	79,378	79,694	79,556
Undergraduate	66,698	68,404	70,584	71,833	72,100	72,251
Graduate	6,944	6,846	7,590	7,545	7,594	7,306
Pittsburgh						
Total	31,524	31,921	32,835	33,905	34,284	34,244
Undergraduate	23,019	23,309	23,857	24,664	24,787	24,804
Graduate	8,505	8,612	8,978	9,241	9,497	9,440
Temple						
Total	31,448	32,669	33,630	34,665	35,038	34,544
Undergraduate	24,755	25,779	26,572	27,441	27,721	27,478
Graduate	6,693	6,890	7,058	7,224	7,317	7,066
<b>State-owned</b>						
Bloomsburg						
Total	8,394	8,456	8,615	9,271	9,805	9,733
Undergraduate	7,698	7,781	7,953	8,482	8,964	8,961
Graduate	696	675	662	789	841	772
California						
Total	7,703	8,104	8,396	8,891	9,016	8,969
Undergraduate	6,301	6,599	6,863	7,137	7,105	7,039
Graduate	1,402	1,505	1,533	1,754	1,911	1,929
Cheyney						
Total	1,743	1,496	1,471	1,409	1,276	1,202
Undergraduate	1,575	1,369	1,360	1,331	1,231	1,167
Graduate	168	127	111	78	45	35
Clarion						
Total	6,012	6,117	6,216	6,478	6,511	6,233
Undergraduate	5,535	5,523	5,540	5,769	5,800	5,471
Graduate	477	594	676	709	711	762
East Stroudsburg						
Total	6,484	6,593	6,700	6,941	6,887	6,592
Undergraduate	5,782	5,868	5,996	6,148	6,158	6,037
Graduate	702	725	704	793	729	555
Edinboro						
Total	6,607	6,600	6,581	7,118	7,396	7,114
Undergraduate	5,933	5,824	5,665	5,995	6,189	6,041
Graduate	674	776	916	1,123	1,207	1,073
Indiana						
Total	13,686	13,978	13,943	14,218	14,820	14,587
Undergraduate	12,022	12,255	12,198	12,524	13,207	13,012
Graduate	1,664	1,723	1,745	1,694	1,613	1,575
Kutztown						
Total	9,225	9,413	9,494	9,759	9,881	9,379
Undergraduate	8,626	8,810	8,898	9,121	9,260	8,939
Graduate	599	603	596	638	621	440
Lock Haven						
Total	5,367	5,416	5,466	5,223	5,397	5,260
Undergraduate	5,075	5,124	5,148	4,930	5,049	4,870
Graduate	292	292	318	293	348	390
Mansfield						
Total	3,119	3,079	3,122	3,273	3,194	2,935
Undergraduate	2,880	2,852	2,887	3,002	2,946	2,726
Graduate	239	227	235	271	248	210
Millersville						
Total	7,936	7,932	7,794	8,075	8,156	7,993
Undergraduate	7,016	7,074	6,988	7,287	7,379	7,283
Graduate	920	858	806	788	777	710
Shippensburg						
Total	6,888	7,045	7,215	7,506	7,599	7,421
Undergraduate	6,299	6,433	6,579	6,826	6,963	6,844
Graduate	589	612	636	680	636	577
Slippery Rock						
Total	8,029	8,192	8,362	8,601	8,827	8,773
Undergraduate	7,392	7,493	7,594	7,781	7,976	8,009
Graduate	637	699	768	820	851	764
West Chester						
Total	11,851	12,301	12,543	13,279	13,598	14,008
Undergraduate	10,544	10,922	11,101	11,742	12,045	12,546
Graduate	1,307	1,379	1,442	1,537	1,553	1,463

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 and Slippery Rock includes first-professional (excluding medical schools) and/or doctor's levels.

SOURCE: Data provided by the individual universities, 2007 to 2012.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL <sup>1</sup>  
 TOTAL YEAR AND SUMMER 2006-07 to 2011-12  
 (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
<b>State-related</b>											
<b>Lincoln</b>											
2006-07	44	10	54	13	na	na	13	67	1	2	3
2007-08	49	11	60	12	na	na	12	72	1	2	3
2008-09	47	13	60	13	na	na	13	73	1	1	2
2009-10	46	15	61	14	na	na	14	75	1	2	3
2010-11	37	14	51	13	na	na	13	64	1	1	2
2011-12	33	12	45	12	na	na	12	57	1	2	4
<b>Penn State</b>											
2006-07	1,249	752	2,001	67	na	100	167	2,168	99	21	120
2007-08	1,309	743	2,052	71	na	94	165	2,217	99	18	117
2008-09	1,277	840	2,117	72	19	91	182	2,299	99	19	118
2009-10	1,288	867	2,155	73	19	89	181	2,336	94	17	111
2010-11	1,288	875	2,163	72	19	92	183	2,346	95	16	111
2011-12	1,271	896	2,168	80	19	77	175	2,343	99	15	114
<b>Pittsburgh</b>											
2006-07	454	236	690	128	58	18	204	894	40	32	72
2007-08	460	239	699	133	56	18	207	906	38	31	69
2008-09	474	242	716	140	57	18	215	931	38	32	70
2009-10	488	252	740	148	56	18	222	962	37	33	70
2010-11	490	253	743	152	57	19	228	971	38	32	70
2011-12	491	254	744	149	57	21	227	971	39	33	72
<b>Temple</b>											
2006-07	342	401	743	68	73	20	161	904	60	19	79
2007-08	357	417	774	72	73	21	166	940	62	18	80
2008-09	366	431	797	72	76	21	169	966	60	18	78
2009-10	365	458	823	75	76	22	173	996	56	19	75
2010-11	366	466	832	77	71	27	175	1,007	53	20	73
2011-12	368	456	824	72	74	24	170	994	50	20	70
<b>State-owned</b>											
<b>Bloomsburg</b>											
2006-07	165	66	231	15	na	2	17	248	15	5	20
2007-08	166	67	233	15	na	1	16	249	16	5	21
2008-09	170	68	238	15	na	1	16	254	17	5	22
2009-10	184	70	254	18	na	1	19	273	18	5	23
2010-11	195	74	269	19	na	1	20	289	18	6	24
2011-12	193	76	269	17	na	2	19	287	17	5	22
<b>California</b>											
2006-07	114	75	189	34	na	na	34	223	9	11	20
2007-08	115	83	198	36	na	na	36	234	11	13	24
2008-09	117	88	205	38	na	na	38	243	12	13	25
2009-10	123	91	214	42	na	na	42	256	12	13	25
2010-11	116	97	213	46	na	na	46	259	13	15	28
2011-12	117	95	211	46	na	na	46	257	13	15	28
<b>Cheyney</b>											
2006-07	36	12	48	4	na	na	4	52	4	1	5
2007-08	30	11	41	3	na	na	3	44	3	1	4
2008-09	30	11	41	3	na	na	3	44	3	1	4
2009-10	28	11	39	2	na	na	2	41	2	a	2
2010-11	27	10	37	1	na	na	1	38	2	a	2
2011-12	23	12	35	1	na	na	1	36	1	a	1
<b>Clarion</b>											
2006-07	120	47	167	11	na	na	11	178	9	3	12
2007-08	121	45	166	14	na	na	14	180	9	4	13
2008-09	118	48	166	16	na	na	16	182	10	4	14
2009-10	122	51	173	17	na	na	17	190	10	5	15
2010-11	119	55	174	17	na	na	17	191	11	5	16
2011-12	111	53	164	18	na	na	18	182	10	5	15
<b>East Stroudsburg</b>											
2006-07	118	56	174	16	na	a	16	190	9	5	14
2007-08	119	57	176	17	na	a	17	193	9	5	14
2008-09	120	58	178	18	na	1	19	197	9	5	14
2009-10	125	59	184	19	na	1	20	204	9	5	14
2010-11	124	61	185	17	na	1	18	203	9	5	14
2011-12	120	61	181	13	na	a	13	194	8	4	12



Edinboro											
2006-07	105	73	178	16	na	na	16	194	10	3	13
2007-08	104	71	175	19	na	na	19	194	10	3	13
2008-09	101	69	170	22	na	na	22	192	9	4	13
2009-10	111	69	180	27	na	na	27	207	10	5	15
2010-11	118	68	186	29	na	na	29	215	10	7	17
2011-12	114	67	181	26	na	na	26	207	9	6	15
Indiana											
2006-07	248	113	361	31	na	9	40	401	24	12	36
2007-08	258	110	368	26	na	15	41	409	24	12	36
2008-09	258	108	366	26	na	16	42	408	25	12	37
2009-10	266	109	375	25	na	16	41	416	24	11	35
2010-11	279	117	396	22	na	16	38	434	24	10	34
2011-12	267	123	390	22	na	15	38	428	26	10	36
Kutztown											
2006-07	168	90	258	14	na	na	14	272	10	4	14
2007-08	168	96	264	14	na	na	14	278	9	4	13
2008-09	142	123	265	16	na	na	16	281	9	3	12
2009-10	170	104	274	15	na	na	15	289	10	3	13
2010-11	145	131	276	17	na	na	17	293	9	3	12
2011-12	150	119	268	11	na	na	11	279	9	2	11
Lock Haven											
2006-07	110	42	152	7	na	na	7	159	11	2	13
2007-08	111	43	154	7	na	na	7	161	10	2	12
2008-09	113	41	154	8	na	na	8	162	10	2	12
2009-10	109	39	148	7	na	na	7	155	10	2	12
2010-11	108	42	150	8	na	na	8	158	9	2	11
2011-12	105	41	146	9	na	na	9	155	8	3	11
Mansfield											
2006-07	48	38	86	6	na	na	6	92	7	2	9
2007-08	49	37	86	5	na	na	5	91	7	2	9
2008-09	45	41	86	6	na	na	6	92	7	2	9
2009-10	52	38	90	7	na	na	7	97	4	1	5
2010-11	46	42	88	7	na	na	7	95	6	2	8
2011-12	42	40	82	5	na	na	5	87	3	1	4
Millersville											
2006-07	133	78	211	22	na	na	22	233	13	12	25
2007-08	132	80	212	21	na	na	21	233	13	11	24
2008-09	131	79	210	19	na	na	19	229	12	9	21
2009-10	136	83	219	19	na	na	19	238	13	9	22
2010-11	136	85	221	19	na	na	19	240	13	7	20
2011-12	133	85	219	17	na	na	17	236	13	6	19
Shippensburg											
2006-07	128	61	189	14	na	na	14	203	9	4	13
2007-08	130	63	193	15	na	na	15	208	9	4	13
2008-09	136	62	198	15	na	na	15	213	9	4	13
2009-10	141	64	205	16	na	na	16	221	9	4	13
2010-11	146	63	209	15	na	na	15	224	9	4	13
2011-12	140	65	205	14	na	na	14	219	9	4	13
Slippery Rock											
2006-07	144	77	221	10	na	5	15	236	13	3	16
2007-08	140	84	224	11	na	5	16	240	13	4	17
2008-09	141	87	228	13	na	5	18	246	13	4	17
2009-10	145	88	233	14	na	6	20	253	14	5	19
2010-11	148	91	239	15	na	6	21	260	15	5	20
2011-12	146	94	240	12	na	6	18	259	15	5	21
West Chester											
2006-07	200	117	317	31	na	na	31	348	22	8	30
2007-08	206	122	328	33	na	na	33	361	22	8	30
2008-09	207	126	333	35	na	na	35	368	22	8	30
2009-10	220	132	352	37	na	na	37	389	23	8	31
2010-11	227	134	361	37	na	na	37	398	23	8	31
2011-12	234	142	376	35	na	na	35	411	22	7	29

1. Data for each year represent the summer term preceding the academic year plus the academic year. The first-professional level excludes medical school data.  
a. Rounds to less than one thousand student credit hours.  
na. Not applicable.

SOURCE: Data provided by the individual universities, 2007 to 2012.

Historical Table 3

DEGREES CONFERRED<sup>1</sup>  
2006-07 to 2011-12

University	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
<b>State-related</b>						
Lincoln						
Total	420	440	462	486	580	453
Bachelor's	229	227	257	269	326	256
Graduate	191	213	205	217	254	197
Penn State						
Total	15,694	15,502	15,898	17,772	17,881	18,338
Bachelor's	12,732	12,445	12,723	14,502	14,649	14,930
Graduate	2,962	3,057	3,175	3,270	3,232	3,408
Pittsburgh						
Total	7,437	7,723	7,693	7,924	8,390	8,602
Bachelor's	4,724	4,853	4,888	4,956	5,227	5,361
Graduate	2,713	2,870	2,805	2,968	3,163	3,241
Temple						
Total	7,260	7,395	7,703	8,007	8,265	8,380
Bachelor's	4,880	5,068	5,373	5,613	5,826	5,962
Graduate	2,380	2,327	2,330	2,394	2,439	2,418
<b>State-owned</b>						
Bloomsburg						
Total	1,838	1,889	1,889	1,977	2,059	2,052
Bachelor's	1,516	1,544	1,565	1,634	1,670	1,668
Graduate	322	345	324	343	389	384
California						
Total	1,731	1,965	2,141	2,268	2,339	2,463
Bachelor's	1,086	1,242	1,297	1,428	1,348	1,469
Graduate	645	723	844	840	991	994
Cheyney						
Total	199	203	258	193	169	159
Bachelor's	149	153	178	153	138	142
Graduate	50	50	80	40	31	17
Clarion						
Total	1,182	1,094	1,201	1,327	1,497	1,392
Bachelor's	930	823	843	928	983	998
Graduate	252	271	358	399	514	394
East Stroudsburg						
Total	1,412	1,542	1,591	1,527	1,488	1,768
Bachelor's	1,137	1,230	1,272	1,207	1,136	1,453
Graduate	275	312	319	320	352	315
Edinboro						
Total	1,384	1,410	1,486	1,581	1,537	1,577
Bachelor's	1,097	1,062	1,073	1,034	986	982
Graduate	287	348	413	547	551	595
Indiana						
Total	3,006	2,898	2,878	2,858	2,943	2,935
Bachelor's	2,314	2,099	2,079	1,957	2,156	2,171
Graduate	692	799	799	901	787	764
Kutztown						
Total	1,876	1,908	2,054	2,092	2,030	2,104
Bachelor's	1,583	1,652	1,753	1,819	1,791	1,812
Graduate	293	256	301	273	239	292
Lock Haven						
Total	862	887	853	845	873	896
Bachelor's	761	810	777	733	781	798
Graduate	101	77	76	112	92	98
Mansfield						
Total	700	659	704	702	704	695
Bachelor's	564	508	554	566	554	561
Graduate	136	151	150	136	150	134
Millersville						
Total	1,595	1,698	1,624	1,718	1,838	1,804
Bachelor's	1,361	1,463	1,402	1,467	1,554	1,538
Graduate	234	235	222	251	284	266
Shippensburg						
Total	1,682	1,621	1,657	1,661	1,665	1,804
Bachelor's	1,324	1,279	1,292	1,272	1,293	1,408
Graduate	358	342	365	389	372	396
Slippery Rock						
Total	1,795	1,750	1,973	1,841	1,881	2,120
Bachelor's	1,532	1,506	1,654	1,547	1,526	1,778
Graduate	263	244	319	294	355	342
West Chester						
Total	2,739	2,689	3,047	3,053	2,984	3,328
Bachelor's	2,160	2,114	2,437	2,422	2,320	2,687
Graduate	579	575	610	631	664	641

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 and Slippery Rock.

SOURCE: Data provided by the individual universities, 2007 to 2012.

Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL<sup>1</sup>  
FALL 2006 to FALL 2011

University	Full-time employed faculty <sup>2</sup>						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
	<hr/>																	
State-related																		
Lincoln	104	104	103	107	111	106	11.5	12.0	11.6	11.4	11.4	11.9	0.8	0.7	1.4	1.2	1.2	1.0
Penn State	3,633	3,699	3,848	3,918	3,913	3,895	6.7	6.8	6.7	6.6	6.6	6.6	1.4	1.5	1.6	1.5	1.4	2.0
Pittsburgh	1,981	1,955	3,773	3,584	1,945	1,984	4.9	4.7	4.7	4.8	4.8	5.0	2.8	2.8	2.6	2.7	2.6	3.0
Temple	1,189	1,252	1,289	1,323	1,348	1,325	5.5	5.6	5.6	5.6	5.6	5.7	3.3	3.1	3.2	3.3	3.2	3.0
Total	6,907	7,010	9,013	8,932	7,317	7,310	6.0	6.0	6.0	6.0	6.0	6.0	2.1	2.1	2.1	2.2	2.1	2.0
State-owned																		
Bloomsburg	386	393	394	417	426	413	11.1	10.8	11.3	11.0	10.9	10.9	1.2	1.0	1.0	1.0	1.3	1.0
California	289	307	290	285	295	263	9.1	8.6	9.4	9.1	9.3	9.0	1.3	1.3	1.2	1.5	1.5	2.0
Cheyney	94	99	80	79	68	83	11.5	10.0	11.5	11.8	12.0	8.6	0.0	0.2	0.8	7.2	7.5	0.0
Clarion	247	272	281	257	284	267	10.6	10.9	10.8	10.4	10.4	10.0	1.1	1.0	1.1	1.2	1.4	1.0
East Stroudsburg	299	321	337	329	332	298	11.5	12.1	11.9	12.0	12.0	11.0	1.6	1.7	1.7	1.7	1.6	2.0
Edinboro	366	348	353	358	360	333	10.8	10.8	10.0	10.1	10.1	9.8	1.4	1.9	2.0	2.0	2.0	2.0
Indiana	712	700	701	703	700	662	9.8	9.8	9.2	9.3	9.5	9.7	1.6	1.7	1.7	1.6	1.9	2.0
Kutztown	427	445	463	470	452	435	11.8	11.8	11.3	11.4	12.2	11.2	0.7	0.8	0.8	1.0	0.8	1.0
Lock Haven	264	264	264	264	261	245	10.9	11.1	11.1	11.1	11.1	10.5	0.4	0.3	0.3	0.5	0.4	1.0
Mansfield	160	146	146	173	186	146	7.2	7.5	7.6	7.7	7.3	7.3	0.3	0.3	0.3	0.3	0.3	0.0
Millersville	321	322	315	320	317	306	10.0	10.1	10.3	10.3	10.2	10.4	0.8	1.0	0.9	0.9	1.0	1.0
Shippensburg	321	314	339	323	310	310	9.4	9.6	9.4	9.3	9.0	9.3	0.9	0.8	0.9	0.9	0.8	1.0
Slippery Rock	361	366	372	381	383	376	10.4	9.9	10.8	10.8	11.5	11.0	0.9	1.0	1.1	1.1	1.1	1.0
West Chester	570	573	631	612	525	574	9.7	9.7	9.6	9.9	10.4	10.3	1.7	1.8	1.9	1.9	1.7	2.0
Total	4,817	4,870	4,966	4,971	4,899	4,711	10.2	10.2	10.2	10.2	10.3	10.0	1.1	1.2	1.2	1.3	1.3	1.0
All universities	11,724	11,880	13,979	13,903	12,216	12,021	7.6	7.6	7.5	7.5	7.6	7.5	1.8	1.8	1.8	1.8	1.8	2.0

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, 2007 to 2012.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK<sup>1</sup>  
 2006-07 to 2011-12  
 (Dollars in thousands)

University	FTE instructional faculty	Average instructional salaries					Instructor	No rank <sup>2</sup>
		All faculty	Professor	Associate professor	Assistant professor			
State-related								
Lincoln								
2006-07	167	\$38.4	\$74.9	\$58.0	\$28.4	\$19.9	\$29.7	
2007-08	168	43.3	74.6	64.4	37.3	23.9	27.5	
2008-09	175	41.5	64.1	59.2	39.1	20.3	31.9	
2009-10	167	44.4	69.2	59.9	39.1	19.6	34.0	
2010-11	101	67.6	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	
Penn State								
2006-07	4,248	63.7	109.2	79.3	65.3	39.0	42.5	
2007-08	4,314	65.5	112.4	83.6	68.5	39.6	43.1	
2008-09	4,377	67.8	115.2	84.9	70.6	42.2	45.1	
2009-10	4,394	67.7	113.8	84.2	69.3	41.1	46.0	
2010-11	4,398	69.4	115.3	85.7	71.9	43.6	47.3	
2011-12	4,373	70.4	115.5	87.6	73.1	43.4	48.1	
Pittsburgh								
2006-07	2,013	57.1	98.8	63.5	51.3	29.5	44.3	
2007-08	2,036	58.2	98.0	65.8	52.8	30.8	46.1	
2008-09	2,033	59.9	105.3	69.0	54.4	31.9	46.3	
2009-10	2,075	58.7	103.6	66.3	53.3	31.0	46.9	
2010-11	2,063	60.0	106.9	68.2	54.9	31.9	49.0	
2011-12	2,088	60.7	109.0	70.7	56.9	32.1	47.3	
Temple								
2006-07	1,727	57.4	100.6	76.3	50.9	35.9	39.7	
2007-08	1,768	58.3	104.8	77.8	50.8	37.3	41.0	
2008-09	1,840	60.1	110.1	78.9	52.5	38.2	34.3	
2009-10	1,854	62.4	115.4	81.8	54.3	37.5	35.5	
2010-11	1,885	65.8	120.6	84.9	57.9	40.4	40.4	
2011-12	1,885	66.6	125.7	82.5	54.7	39.3	43.0	
State-owned								
Bloomsburg								
2006-07	412	65.0	84.2	68.4	54.4	42.3	0	
2007-08	424	67.5	87.3	71.3	56.8	42.8	0	
2008-09	436	67.5	89.1	72.7	56.8	45.2	0	
2009-10	457	68.8	92.3	75.4	58.3	45.0	0	
2010-11	462	72.0	97.6	78.6	61.3	47.3	0	
2011-12	462	70.3	97.3	79.2	61.1	47.9	0	
California								
2006-07	312	71.4	95.5	72.7	60.8	48.3	43.7	
2007-08	331	71.0	93.2	71.4	63.0	46.8	42.2	
2008-09	318	74.2	96.3	71.1	66.3	54.9	46.3	
2009-10	316	72.7	92.5	72.2	65.1	52.3	72.1	
2010-11	345	76.1	100.7	77.0	69.1	51.2	75.0	
2011-12	345	77.8	102.0	85.1	69.2	49.0	67.4	
Cheyney								
2006-07	133	51.9	74.2	66.0	52.9	34.1	na	
2007-08	102	70.8	102.1	105.5	67.2	49.0	na	
2008-09	98	62.5	110.8	88.4	54.9	35.5	na	
2009-10	99	75.7	113.5	87.4	63.5	55.4	na	
2010-11	86	75.5	102.6	73.0	62.4	74.5	na	
2011-12	86	75.5	102.6	73.0	62.4	74.5	na	
Clarion								
2006-07	294	68.6	87.9	69.3	57.8	40.6	na	
2007-08	305	69.1	90.0	71.6	60.7	40.4	na	
2008-09	330	68.3	89.4	73.5	61.5	44.5	na	
2009-10	342	70.4	90.6	74.9	65.3	46.5	na	
2010-11	333	73.5	94.2	78.8	67.7	48.9	na	
2011-12	333	73.5	94.2	78.8	67.7	48.9	na	
East Stroudsburg								
2006-07	294	68.6	87.9	69.3	57.8	40.6	na	
2007-08	305	69.1	90.0	71.6	60.7	40.4	na	
2008-09	330	68.3	89.4	73.5	61.5	44.5	na	
2009-10	342	70.4	90.6	74.9	65.3	46.5	na	
2010-11	333	73.5	94.2	78.8	67.7	48.9	na	
2011-12	333	73.5	94.2	78.8	67.7	48.9	na	
East Stroudsburg								
2006-07	347	63.6	83.1	68.0	55.1	40.5	na	
2007-08	357	65.4	85.6	69.7	57.3	42.4	na	
2008-09	370	67.2	89.2	70.2	59.8	44.5	na	
2009-10	378	68.9	91.3	73.6	60.1	45.4	na	
2010-11	379	69.1	89.2	74.5	60.3	43.9	na	
2011-12	315	73.2	96.3	77.2	63.4	44.6	na	

Edinboro								
2006-07	396	64.2	84.1	68.2	55.3	43.6	na	
2007-08	370	70.7	93.7	74.8	60.9	42.8	0	
2008-09	382	70.5	90.9	73.1	61.5	44.1	32.9	
2009-10	394	70.2	92.0	72.9	61.9	44.2	43.9	
2010-11	404	71.6	96.2	74.4	61.5	44.6	49.5	
2011-12	388	72.4	96.4	77.7	65.0	44.3	68.3	
Indiana								
2006-07	716	66.1	82.9	68.8	53.5	44.3	110.6	
2007-08	707	67.2	85.4	72.0	57.0	40.6	21.9	
2008-09	722	69.0	88.1	71.6	58.6	42.7	43.8	
2009-10	720	73.5	95.1	77.0	60.6	45.7	41.0	
2010-11	733	74.6	98.2	76.8	60.1	49.0	45.0	
2011-12	741	75.0	98.8	80.4	58.9	45.1	44.0	
Kutztown								
2006-07	436	63.6	89.5	70.1	52.8	41.0	58.6	
2007-08	452	63.7	90.5	71.5	54.1	41.1	na	
2008-09	465	64.7	92.9	72.1	55.6	42.3	36.3	
2009-10	478	66.0	93.4	73.3	56.5	42.5	0	
2010-11	455	71.6	98.9	77.5	60.8	42.9	0	
2011-12	455	71.6	98.9	77.5	60.8	42.9	na	
Lock Haven								
2006-07	293	51.5	74.1	51.7	45.1	43.0	na	
2007-08	326	50.9	82.2	65.2	36.6	37.4	0	
2008-09	303	54.1	83.8	60.0	44.0	42.9	na	
2009-10	287	64.0	87.0	65.5	58.9	49.4	na	
2010-11	268	71.3	95.0	73.3	67.8	52.0	na	
2011-12	363	74.3	91.0	79.9	67.2	54.7	na	
Mansfield								
2006-07	183	63.6	84.3	70.6	55.4	43.5	0	
2007-08	176	66.7	95.5	73.5	58.6	47.4	0	
2008-09	178	67.4	100.5	74.2	58.8	49.2	0	
2009-10	175	70.1	101.3	78.3	63.2	49.6	0	
2010-11	172	70.1	98.3	80.9	63.9	50.9	0	
2011-12	161	72.6	98.6	82.9	65.3	50.4	0	
Millersville								
2006-07	429	62.0	81.0	66.0	53.1	37.9	na	
2007-08	428	64.3	84.9	69.3	55.3	39.5	na	
2008-09	421	67.5	90.6	73.9	57.2	40.7	na	
2009-10	417	71.3	94.7	76.6	59.0	41.9	na	
2010-11	414	74.3	98.0	79.4	61.7	44.3	na	
2011-12	378	72.0	95.9	77.2	60.5	44.9	na	
Shippensburg								
2006-07	364	66.5	85.6	70.0	56.1	42.3	na	
2007-08	360	69.8	89.2	71.8	58.0	40.8	na	
2008-09	373	69.5	89.8	72.1	57.4	40.9	na	
2009-10	371	72.4	93.6	74.6	60.3	41.7	na	
2010-11	374	75.7	99.6	79.1	65.0	42.0	19.0	
2011-12	380	74.1	91.1	76.5	63.4	41.4	na	
Slippery Rock								
2006-07	380	66.4	83.0	71.4	57.9	46.5	24.9	
2007-08	389	63.9	79.9	65.4	57.1	49.2	64.2	
2008-09	395	67.5	83.4	70.6	59.9	51.7	38.4	
2009-10	398	70.9	93.9	71.7	61.9	51.5	31.2	
2010-11	404	74.2	96.4	80.5	65.3	48.9	na	
2011-12	397	75.6	100.7	83.4	66.5	52.7	na	
West Chester								
2006-07	671	60.8	83.2	68.6	56.6	39.6	34.8	
2007-08	689	61.4	87.0	71.7	58.0	39.3	27.9	
2008-09	700	63.2	90.5	74.7	60.3	40.6	23.5	
2009-10	716	65.9	92.3	76.6	63.0	41.8	30.8	
2010-11	723	68.4	97.1	78.0	65.0	43.2	27.3	
2011-12	745	67.9	96.9	78.5	64.4	43.1	25.2	

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, 2007 to 2012.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2006-07 to 2011-12

University	Lower division						Upper division						Total undergraduate						Master's					
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
State-related																								
Lincoln	\$2,545	\$2,694	\$2,758	\$2,809	\$3,186	\$2,933	\$4,445	\$4,895	\$4,226	\$4,104	\$3,517	\$5,053	\$2,882	\$3,093	\$3,078	\$3,119	\$3,277	\$3,363	\$1,960	\$2,253	\$2,155	\$1,920	\$1,445	\$3,150
Penn State	1,969	2,038	2,070	2,019	2,063	3,093	3,983	4,135	4,001	3,873	3,984	4,193	2,726	2,796	2,836	2,765	2,840	3,548	5,911	6,354	6,810	7,693	7,343	6,592
Pittsburgh	2,291	2,342	2,301	2,106	2,227	2,467	3,911	3,925	4,043	3,802	3,865	4,258	2,845	2,884	2,889	2,685	2,785	3,077	5,543	5,489	5,437	5,422	5,197	4,539
Temple	1,996	2,011	2,105	2,146	2,224	2,668	3,124	3,178	3,281	3,319	3,578	3,763	2,605	2,640	2,740	2,798	2,982	3,724	5,105	4,924	5,355	5,281	5,486	5,884
Total	2,054	2,111	2,139	2,077	2,147	2,722	3,722	3,817	3,801	3,704	3,843	4,048	2,723	2,782	2,826	2,762	2,867	3,300	5,359	5,421	5,606	5,771	5,584	5,356
State-owned																								
Bloomsburg	2,487	2,611	2,626	2,618	2,580	2,303	4,517	4,860	4,922	4,925	5,015	5,015	3,069	3,256	3,284	3,253	3,252	3,071	4,256	4,433	4,500	4,432	4,644	6,497
California	2,319	2,308	2,288	2,097	2,379	2,025	3,749	3,688	3,491	3,324	3,668	3,899	2,884	2,890	2,797	2,620	2,967	2,863	2,956	2,976	2,876	2,433	2,744	3,097
Cheyney	3,492	4,289	3,649	3,377	3,516	4,262	5,393	5,874	5,118	8,636	7,784	7,747	3,961	4,724	4,034	4,892	4,647	5,172	3,784	5,798	5,510	12,079	14,786	15,916
Clarion	2,344	2,429	2,728	2,891	2,976	3,167	5,321	5,466	5,335	5,306	5,137	5,824	3,178	3,248	3,479	3,610	3,656	4,090	5,513	5,255	4,883	4,638	4,642	4,553
East Stroudsburg	2,424	2,643	2,653	2,633	2,670	1,163	5,329	5,146	5,704	5,880	5,725	7,123	3,359	3,456	3,665	3,673	3,672	3,181	3,797	4,168	4,118	4,238	4,954	6,862
Edinboro	2,713	2,784	3,002	2,828	2,987	2,633	5,076	5,387	5,534	5,290	5,173	5,746	3,676	3,835	4,025	3,778	3,789	3,791	5,382	4,984	4,501	4,447	4,535	4,866
Indiana	2,477	2,348	2,451	2,526	2,526	2,332	4,812	4,898	5,121	5,408	5,227	5,213	3,225	3,123	3,255	3,384	3,338	3,242	5,477	5,060	5,300	5,989	6,596	6,110
Kutztown	1,913	1,907	1,940	2,009	2,066	2,779	4,627	4,686	4,848	4,818	4,820	4,572	2,860	2,919	3,012	3,072	3,130	3,566	5,038	5,109	5,523	5,506	5,799	5,366
Lock Haven	2,217	2,374	2,227	3,047	3,040	4,642	4,426	4,850	4,952	4,838	4,890	6,567	2,826	3,063	2,951	3,521	3,547	5,182	2,587	3,330	3,816	3,636	3,468	3,837
Mansfield	2,831	3,060	2,916	2,811	2,977	3,219	5,207	4,474	4,902	5,211	4,895	4,694	3,877	3,667	3,759	3,813	3,753	3,843	2,020	5,659	4,983	2,992	3,839	4,271
Millersville	2,752	2,817	2,968	2,994	3,122	2,859	4,373	4,453	4,628	4,675	4,678	3,883	3,352	3,435	3,590	3,628	3,723	3,258	3,381	3,748	4,169	4,209	4,266	4,913
Shippensburg	2,459	2,805	2,798	2,778	2,829	2,517	4,178	4,885	5,072	4,995	5,333	5,599	3,012	3,479	3,503	3,464	3,580	3,493	5,686	4,566	4,594	4,818	5,397	7,378
Slippery Rock	2,663	2,604	2,724	2,782	2,885	2,522	3,907	3,712	3,906	4,107	4,241	4,793	3,098	3,020	3,166	3,284	3,405	3,412	4,911	3,971	4,121	4,027	4,010	5,159
West Chester	2,493	2,565	2,674	2,661	2,719	2,461	4,339	4,342	4,350	4,424	4,569	4,778	3,175	3,225	3,310	3,323	3,405	3,336	5,622	5,136	5,160	5,343	5,445	6,012
Total	2,445	2,520	2,576	2,646	2,716	2,465	4,545	4,608	4,727	4,817	4,833	5,222	3,158	3,238	3,316	3,393	3,450	3,458	4,488	4,431	4,455	4,436	4,638	5,404
All universities	2,237	2,299	2,342	2,342	2,416	2,648	4,054	4,139	4,163	4,135	4,231	4,495	2,916	2,983	3,040	3,037	3,124	3,373	4,961	4,974	5,087	5,156	5,151	5,368

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, 2007 to 2012.

Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2006-07 to 2011-12

University	Lower division						Upper division						Total undergraduate						Master's					
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
State-related																								
Lincoln	\$85	\$90	\$92	\$94	\$106	\$98	\$148	\$163	\$141	\$137	\$117	\$168	\$96	\$103	\$103	\$104	\$109	\$112	\$82	\$94	\$90	\$80	\$60	\$131
Penn State	66	68	69	67	69	103	133	138	133	129	133	140	91	93	95	92	95	118	246	265	284	321	306	275
Pittsburgh	76	78	77	70	74	82	130	131	135	127	129	142	95	96	96	90	93	103	231	229	227	226	217	189
Temple	67	67	70	72	74	89	104	106	109	111	119	125	87	88	91	93	99	124	213	205	223	220	229	245
Total	68	70	71	69	72	91	124	127	127	123	128	135	91	93	94	92	96	110	223	226	234	240	233	223
State-owned																								
Bloomsburg	83	87	88	87	86	77	151	162	164	164	167	167	102	109	109	108	108	102	177	185	188	185	194	271
California	77	77	76	70	79	68	125	123	116	111	122	130	96	96	93	87	99	95	123	124	120	101	114	129
Cheyney	116	143	122	113	117	142	180	196	171	288	259	258	132	157	134	163	155	172	158	242	230	503	616	663
Clarion	78	81	91	96	99	106	177	182	178	177	171	194	106	108	116	120	122	136	230	219	203	193	193	190
East Stroudsburg	81	88	88	88	89	39	178	172	190	196	191	237	112	115	122	122	122	106	158	174	172	177	206	286
Edinboro	90	93	100	94	100	88	169	180	184	176	172	192	123	128	134	126	126	126	224	208	188	185	189	203
Indiana	83	78	82	84	84	78	160	163	171	180	174	174	108	104	109	113	111	108	228	211	221	250	275	255
Kutztown	64	64	65	67	69	93	154	156	162	161	161	152	95	97	100	102	104	119	210	213	230	229	242	224
Lock Haven	74	79	74	102	101	155	148	162	165	161	163	219	94	102	98	117	118	173	108	139	159	152	145	160
Mansfield	94	102	97	94	99	107	174	149	163	174	163	156	129	122	125	127	125	128	84	236	208	125	160	178
Millersville	92	94	99	100	104	95	146	148	154	156	156	129	112	115	120	121	124	109	141	156	174	175	178	205
Shippensburg	82	94	93	93	94	84	139	163	169	167	178	187	100	116	117	115	119	116	237	190	191	201	225	307
Slippery Rock	89	87	91	93	96	84	130	124	130	137	141	160	103	101	106	109	114	114	205	165	172	168	167	215
West Chester	83	86	89	89	91	82	145	145	145	147	152	159	106	108	110	111	114	111	234	214	215	223	227	251
Total	82	84	86	88	91	82	152	154	158	161	161	174	105	108	111	113	115	115	187	185	186	185	193	225
All universities	75	77	78	78	81	88	135	138	139	138	141	150	97	99	101	101	104	112	207	207	212	215	215	224

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

SOURCE: Data provided by the individual universities, 2007 to 2012.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2006-07 to 2011-12

University	Lower division						Upper division						Total undergraduate						Master's					
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
State-related																								
Lincoln	24	24	24	25	25	11	14	15	17	18	18	6	21	22	22	23	23	8	15	14	15	17	17	4
Penn State	31	31	31	31	31	31	25	25	26	26	26	26	29	29	29	29	29	29	14	14	14	14	14	13
Pittsburgh	29	29	30	31	31	31	24	23	24	25	24	24	27	27	28	28	28	29	17	16	17	18	18	18
Temple	30	30	29	30	30	33	25	24	24	25	25	26	27	27	27	27	27	29	14	14	14	14	14	14
Total	30	30	30	31	31	31	24	24	25	26	25	25	28	28	28	28	28	28	15	15	15	16	16	14
State-owned																								
Bloomsburg	30	30	30	31	33	33	19	18	18	18	19	19	26	26	26	26	28	28	12	13	12	12	12	11
California	31	32	31	36	39	44	22	22	22	24	24	24	26	27	27	29	30	32	19	20	20	23	24	24
Cheyney	23	23	25	39	32	39	16	19	20	15	15	28	21	22	23	27	25	36	11	13	12	8	8	11
Clarion	37	35	33	32	31	26	16	15	16	17	18	14	27	26	26	26	25	20	12	12	13	14	14	15
East Stroudsburg	32	26	30	30	30	35	23	20	21	21	22	24	29	24	27	27	27	30	17	12	16	17	15	13
Edinboro	27	29	28	29	29	30	21	21	22	22	22	21	24	25	25	26	26	26	12	14	15	17	17	16
Indiana	33	34	34	35	34	35	15	18	18	18	20	20	25	27	27	28	28	29	12	13	13	13	12	12
Kutztown	34	35	36	35	37	35	17	17	17	18	19	21	26	26	26	26	28	27	12	11	11	11	11	14
Lock Haven	29	29	30	28	29	32	14	13	13	20	20	22	22	22	22	25	26	29	13	12	13	25	26	31
Mansfield	25	25	25	29	26	28	18	17	16	15	17	19	22	21	21	21	22	24	16	17	18	19	18	17
Millersville	29	29	29	30	30	32	22	22	22	23	24	24	26	26	26	27	28	28	16	16	15	16	16	15
Shippensburg	29	30	30	31	32	31	23	19	19	22	22	19	27	25	26	28	28	27	14	14	14	14	13	10
Slippery Rock	32	32	33	33	32	33	20	20	21	21	21	20	27	26	27	27	27	26	13	14	14	16	16	15
West Chester	26	27	27	29	30	31	15	16	17	17	17	18	20	22	22	23	24	24	9	12	12	12	12	12
Total	30	30	31	32	32	33	18	18	19	19	20	20	25	25	25	26	27	27	13	14	14	15	15	15
All universities	30	30	30	31	31	32	21	22	22	23	23	23	26	26	27	27	28	14	14	14	15	15	15	28

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, 2007 to 2012.



Historical Table 9

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS<sup>1</sup>  
2006-07 to 2011-12  
(in millions)

University	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
<b>State-related</b>						
Lincoln	\$13.5	\$13.8	\$13.6	\$13.6	\$13.6	\$10.6
Penn State	258.3	263.5	267.5	263.9	264.3	203.4
Pittsburgh	161.1	164.3	156.8	156.8	157.2	127.3
Temple	169.5	172.9	165.0	165.0	165.0	132.9
Total	602.5	614.5	602.8	599.3	600.1	474.2
<b>State-owned</b>						
Bloomsburg	36.4	36.9	36.4	33.5	34.2	33.1
California	32.4	34.6	35.3	32.7	32.4	29.2
Cheyney	12.0	14.7	15.3	14.1	13.8	13.4
Clarion	27.6	27.2	27.5	25.7	24.9	23.4
East Stroudsburg	24.8	25.9	26.0	24.8	24.3	21.5
Edinboro	28.8	29.2	28.3	25.6	26.6	25.3
Indiana	62.2	63.8	61.5	55.6	56.4	51.4
Kutztown	38.8	40.8	40.8	37.7	37.0	34.9
Lock Haven	22.1	23.5	22.9	21.5	21.4	19.8
Mansfield	16.9	19.3	19.0	18.2	18.2	17.4
Millersville	38.5	38.1	37.1	33.8	33.3	30.5
Shippensburg	32.2	33.8	32.4	30.5	30.7	28.4
Slippery Rock	37.7	38.2	37.8	35.9	35.1	32.5
West Chester	52.5	53.8	52.9	49.5	50.7	47.4
Total <sup>2</sup>	463.0	479.8	473.1	439.1	439.0	408.2
All universities <sup>2</sup>	1,065.4	1,094.3	1,075.9	1,038.4	1,039.1	882.4

1. Instructional appropriations include educational and general appropriations. Excludes medical school data.

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

SOURCE: *Governor's Executive Budget, 2007-08 to 2011-12*; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2007 to 2012.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS  
BY ACADEMIC LEVEL AND RESIDENCE  
2006-07 to 2011-12

University	Undergraduate		Graduate <sup>1</sup>	
	In-State	Out-of-State	In-State	Out-of-State
<b>State-related</b>				
<b>Lincoln</b>				
2006-07	\$7,110	\$11,498	\$8,864	\$15,156
2007-08	7,432	11,862	9,318	15,832
2008-09	8,250	12,586	9,646	16,388
2009-10	8,222	12,966	9,939	16,883
2010-11	8,472	13,360	10,237	17,392
2011-12	9,062	14,028	10,992	18,132
<b>Penn State</b>				
<b>Main Campus</b>				
2006-07	12,164	22,712	13,742	24,582
2007-08	12,844	23,712	14,508	25,710
2008-09	13,706	24,940	15,468	27,084
2009-10	14,416	25,946	16,258	28,210
2010-11	15,250	27,114	17,202	29,480
2011-12	15,984	28,066	18,032	30,516
<b>Pittsburgh</b>				
<b>Main Campus</b>				
2006-07	12,138	21,456	14,622	26,412
2007-08	12,876	22,386	15,530	27,570
2008-09	13,642	23,290	16,462	28,686
2009-10	14,154	23,852	17,092	29,384
2010-11	14,936	24,592	18,044	30,294
2011-12	16,132	25,540	19,514	31,476
<b>Temple</b>				
2006-07	10,180	18,224	12,764	19,148
2007-08	10,802	19,320	13,534	19,510
2008-09	11,448	20,468	14,342	20,678
2009-10	11,764	21,634	14,850	21,254
2010-11	12,424	22,252	15,590	22,478
2011-12	13,596	23,422	17,078	23,654
<b>State-owned</b>				
<b>Bloomsburg</b>				
2006-07	6,412	14,035	7,463	11,156
2007-08	6,623	14,479	7,702	11,521
2008-09	6,848	14,978	7,964	11,914
2009-10	7,110	15,546	8,267	12,371
2010-11	7,456	16,280	8,665	12,963
2011-12	8,082	17,620	9,398	13,892
<b>California</b>				
2006-07	6,586	9,169	7,840	11,533
2007-08	6,851	10,046	8,117	11,936
2008-09	7,315	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
<b>Cheyney</b>				
2006-07	6,118	13,741	6,643	10,336
2007-08	6,412	14,268	6,859	10,678
2008-09	7,089	15,219	7,331	11,281
2009-10	7,360	15,796	7,642	11,746
2010-11	7,718	16,542	8,006	12,304
2011-12	8,404	17,942	7,738	11,008
<b>Clarion</b>				
2006-07	6,616	11,719	7,623	11,316
2007-08	6,865	12,132	8,044	11,862
2008-09	7,102	12,552	8,386	12,336
2009-10	7,380	13,038	8,780	12,884
2010-11	7,722	13,644	9,188	13,486
2011-12	8,340	14,680	10,010	13,754
<b>East Stroudsburg</b>				
2006-07	6,577	14,200	7,401	11,094
2007-08	6,809	14,664	7,655	11,474
2008-09	7,090	15,220	7,981	11,931
2009-10	7,394	15,830	8,312	12,416
2010-11	7,778	16,602	8,742	13,040
2011-12	8,351	17,889	9,440	13,184

Edinboro				
2006-07	6,484	9,067	7,897	11,590
2007-08	6,767	9,445	8,218	12,037
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
2001-12	8,360	11,988	9,547	13,291
Indiana				
2006-07	6,390	14,013	7,117	10,810
2007-08	6,695	14,550	7,544	11,363
2008-09	6,958	15,089	7,978	11,928
2009-10	7,209	15,645	8,284	12,388
2010-11	7,571	16,395	8,691	12,989
2001-12	8,362	18,854	8,876	12,620
Kutztown				
2006-07	6,619	14,242	7,284	10,977
2007-08	6,873	14,729	7,532	11,351
2008-09	7,126	15,256	7,790	11,740
2009-10	7,397	15,833	8,092	12,196
2010-11	7,732	16,556	8,465	12,763
2001-12	8,359	17,897	8,876	12,620
Lock Haven				
2006-07	6,445	12,068	7,858	11,551
2007-08	6,679	12,534	8,129	11,948
2008-09	6,917	13,047	8,418	12,368
2009-10	7,201	13,637	8,654	12,758
2010-11	7,540	14,376	9,074	13,390
2001-12	8,239	15,777	9,913	13,657
Mansfield				
2006-07	6,651	14,274	7,203	10,896
2007-08	7,004	14,860	7,501	11,320
2008-09	7,359	15,488	7,755	11,705
2009-10	7,756	16,190	8,054	12,158
2010-11	8,058	16,882	8,422	12,720
2001-12	8,654	18,192	8,822	12,566
Millersville				
2006-07	6,398	14,021	7,292	10,985
2007-08	6,624	14,480	7,656	11,475
2008-09	6,866	14,996	7,934	11,884
2009-10	7,147	15,563	8,245	12,349
2010-11	7,700	16,524	8,796	13,094
2001-12	8,361	17,899	9,567	13,311
Shippensburg				
2006-07	6,549	14,172	7,049	10,742
2007-08	6,849	14,704	7,301	11,120
2008-09	7,099	15,229	7,557	11,507
2009-10	7,444	15,880	7,994	12,098
2010-11	8,056	16,880	8,768	13,066
2001-12	8,856	18,394	9,630	13,374
Slippery Rock				
2006-07	6,364	8,947	7,830	12,068
2007-08	6,671	9,348	8,176	12,554
2008-09	6,934	9,706	8,491	13,020
2009-10	7,235	10,116	8,850	13,554
2010-11	7,666	10,686	9,354	14,279
2001-12	8,505	11,804	10,210	13,954
West Chester				
2006-07	6,293	13,916	7,141	10,834
2007-08	6,676	14,532	7,391	11,210
2008-09	6,737	14,867	7,643	11,593
2009-10	7,211	15,647	8,201	12,305
2010-11	7,680	16,504	8,580	12,878
2001-12	8,274	17,634	9,273	13,017

1. Excludes first-professional level.

SOURCE: Data provided by the Pennsylvania Department of Education, *College and University Student Charges*, 2007 to 2012.

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## APPENDIX: MODEL OF FTE SALARY COST DETERMINATION

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

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

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

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

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

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