

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

**Staff Analysis of 2010-11 Data  
Reported Under the Public School Code of 1949**

**FEBRUARY 2012**



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 39th 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 2010-11 and data trends for 2005-06 to 2010-11 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>  
 2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

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	2,426	-167	-6%	3%	1,828	-202	-10%	2%	598	35	6%	4%
Penn State	79,694	316	a	3	72,100	267	a	3	7,594	49	1	2
Pittsburgh	34,284	379	1	2	24,787	123	a	2	9,497	256	3	4
Temple	35,038	373	1	3	27,721	280	1	3	7,317	93	1	2
Total	151,442	901	1	3	126,436	468	a	3	25,006	433	2	3
State-owned												
Bloomsburg	9,805	534	6	4	8,964	482	6	4	841	52	7	6
California	9,016	125	1	5	7,105	-32	a	4	1,911	157	9	10
Cheyney	1,276	-133	-9	-5	1,231	-100	-8	-3	45	-33	-42	-16
Clarion	6,511	33	1	2	5,800	31	1	1	711	2	a	15
East Stroudsburg	6,887	-54	-1	2	6,158	10	a	2	729	-64	-8	a
Edinboro	7,396	278	4	2	6,189	194	3	a	1,207	84	7	17
Indiana	14,820	602	4	2	13,207	683	5	2	1,613	-81	-5	1
Kutztown	9,881	122	1	2	9,260	139	2	2	621	-17	-3	1
Lock Haven	5,397	174	3	-2	5,049	119	2	-1	348	55	19	-10
Mansfield	3,194	-79	-2	a	2,946	-56	-2	a	248	-23	-8	-1
Millersville	8,156	81	1	1	7,379	92	1	2	777	-11	-1	-3
Shippensburg	7,599	93	1	2	6,963	137	2	2	636	-44	-6	3
Slippery Rock	8,827	226	3	2	7,976	195	3	2	851	31	4	8
West Chester	13,598	319	2	2	12,045	303	3	2	1,553	16	1	3
Total	112,363	2,321	2	2	100,272	2,197	2	2	12,091	124	1	3
All universities	263,805	3,222	1	2	226,708	2,665	1	2	37,097	557	2	3

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

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2006 to 2011.

Table 2

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

University	Lower division			Upper division			Master's			First professional <sup>2</sup> and doctor's		
	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average
State-related												
Lincoln	1,326	-14%	a	502	4%	7%	598	6%	4%	na	na	na
Penn State	42,940	a	3%	29,160	1	3	2,979	-2	5	4,615	2%	a
Pittsburgh	16,342	1	2	8,445	a	2	6,318	3	6	3,179	3	1%
Temple	12,202	a	2	15,519	2	4	3,213	3	2	4,104	a	1
Total	72,810	a	2	53,626	1	3	13,108	2	4	11,898	2	1
State-owned												
Bloomsburg	6,486	6	4	2,478	6	3	779	6	7	62	9	-3
California	3,864	-6	1	3,241	6	11	1,911	9	10	na	na	na
Cheyney	908	-4	-4	323	-16	a	45	-42	-16	na	na	na
Clarion	3,974	-2	1	1,826	6	3	711	a	15	na	na	na
East Stroudsburg	4,138	-1	2	2,020	2	4	704	-9	-1	25	19	4
Edinboro	3,920	6	1	2,269	-2	-1	1,207	7	17	na	na	na
Indiana	9,307	5	2	3,900	7	1	931	-11	-4	682	5	15
Kutztown	5,682	a	1	3,578	4	6	621	-3	1	na	na	na
Lock Haven	3,662	1	-1	1,387	6	1	348	19	-10	na	na	na
Mansfield	1,754	a	1	1,192	-5	a	248	-8	-1	na	na	na
Millersville	4,530	a	1	2,849	4	3	777	-1	-3	na	na	na
Shippensburg	4,875	3	3	2,088	-1	a	636	-6	3	na	na	na
Slippery Rock	4,923	2	a	3,053	4	6	615	4	11	236	3	4
West Chester	7,576	3	2	4,469	1	3	1,553	1	3	na	na	na
Total	65,599	2	1	34,673	3	3	11,086	1	3	1,005	5	10
All universities	138,409	1	2	88,299	2	3	24,194	1	4	12,903	2	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. Excludes medical school data.  
a. Rounds to less than 1 percent.  
na. Not applicable.

SOURCE: Data provided by the individual universities, 2006 to 2011.



Table 3A

LINCOLN UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2010-11

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	229	9%	54	4%	144	29%	31	5%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	184	8	100	8	16	3	68	11
Engineering	--	--	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	136	6	126	9	10	2	--	--
Health Professions and Related Clinical Sciences	--	--	--	--	--	--	--	--
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	--	--	--	--	--
English Language and Literature/Letters	287	12	220	17	64	13	3	1
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	380	16	--	--	--	--	380	64
Biological and Biomedical Sciences	282	12	183	14	94	19	5	1
Mathematics and Statistics	223	9	184	14	39	8	--	--
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	220	9	189	14	31	6	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	45	2	32	2	6	1	7	1
Physical Sciences	119	5	82	6	37	7	--	--
Psychology	126	5	95	7	23	5	8	1
Security and Protective Services/ Public Administration and Services	88	4	--	--	--	--	88	15
Social Sciences and History	82	3	42	3	32	6	8	1
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	26	1	21	2	5	1	--	--
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	2,427	100	1,328	100	501	100	598	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.

SOURCE: Data provided by Lincoln University, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 3B

PENNSYLVANIA STATE UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2010-11

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	1,274	2%	340	1%	769	3%	165	2%
Architecture and Related Services	394	1	183	a	193	1	18	a
Area, Ethnic, Cultural and Gender Studies	719	1	320	1	348	1	51	1
Business	8,056	10	2,457	6	4,649	16	950	13
Communications	3,962	5	2,447	6	1,431	5	84	1
Computer and Information Sciences and Support Services	2,114	3	914	2	936	3	264	3
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	2,757	3	440	1	1,200	4	1,117	15
Engineering	6,302	8	1,725	4	3,551	12	1,026	14
Foreign Languages, Literature and Linguistics	3,631	5	2,511	6	881	3	239	3
Health Professions and Related Clinical Sciences	2,345	3	631	2	1,477	5	237	3
Family and Consumer Sciences/ Human Sciences	2,275	3	1,151	3	1,052	4	72	1
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	800	1	--	--	--	--	800	11
English Language and Literature/Letters	4,613	6	2,743	6	1,746	6	124	2
Liberal Arts and Sciences, General Studies and Humanities	250	a	142	a	89	a	19	a
Library Science	4	a	2	a	2	a	--	--
Biological and Biomedical Sciences	4,879	6	3,131	7	1,377	5	371	5
Mathematics and Statistics	7,730	10	6,798	16	668	2	264	3
Military Technologies	122	a	64	a	58	a	--	--
Multi/Interdisciplinary Studies	320	a	141	a	92	a	87	1
Parks, Recreation, Leisure and Fitness Studies	2,508	3	899	2	1,548	6	61	1
Personal and Social Development	39	a	34	a	5	a	--	--
Philosophy and Religion/Theology	1,181	1	848	2	299	1	34	a
Physical Sciences	6,558	8	4,385	10	1,454	5	719	9
Psychology	3,289	4	1,819	4	1,171	4	299	4
Security and Protective Services/ Public Administration and Services	862	1	415	1	339	1	108	1
Social Sciences and History	6,372	8	3,774	9	2,303	8	295	4
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	4,466	6	3,128	7	1,192	4	146	2
Other	1,869	2	1,500	4	326	1	43	1
Total <sup>3</sup>	79,691	100	42,942	100	29,156	100	7,593	100

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

2. Graduate includes master's and/or doctor's levels, and excludes medical school data.

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by Pennsylvania State University, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 3C

UNIVERSITY OF PITTSBURGH  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2010-11

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	123	a	72	a	49	1%	2	a
Business	2,897	8%	563	4%	1,322	16	1,012	11%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	807	2	407	3	185	2	215	2
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,791	5	392	2	482	6	917	10
Engineering	1,972	6	653	4	768	9	551	6
Foreign Languages, Literature and Linguistics	1,590	5	1,048	6	442	5	100	1
Health Professions and Related Clinical Sciences	4,852	14	510	3	986	12	3,356	35
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	955	3	20	a	6	a	929	10
English Language and Literature/Letters	3,064	9	2,189	13	778	9	97	1
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	373	1	6	a	4	a	363	4
Biological and Biomedical Sciences	1,389	4	905	6	362	4	122	1
Mathematics and Statistics	2,050	6	1,609	10	333	4	108	1
Military Technologies	20	a	12	a	8	a	--	--
Multi/Interdisciplinary Studies	991	3	652	4	280	3	59	1
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	758	2	485	3	220	3	53	a
Physical Sciences	2,643	8	2,169	13	214	2	260	3
Psychology	1,692	5	1,112	7	395	5	185	2
Security and Protective Services/ Public Administration and Services	1,463	4	174	1	396	5	893	9
Social Sciences and History	3,636	11	2,412	15	1,047	12	177	2
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	1,215	4	952	6	167	2	96	1
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	34,281	100	16,342	100	8,444	100	9,495	100

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

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

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by University of Pittsburgh, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 3D

TEMPLE UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2010-11

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	46	a	9	a	31	a	6	a
Architecture and Related Services	409	1%	131	1%	205	1%	73	1%
Area, Ethnic, Cultural and Gender Studies	570	2	244	2	303	2	23	a
Business	4,719	13	1,080	9	3,032	20	607	8
Communications	1,655	5	562	5	1,014	7	79	1
Computer and Information Sciences and Support Services	452	1	178	1	234	1	40	1
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,759	5	499	4	718	5	542	7
Engineering	761	2	304	2	405	3	52	1
Foreign Languages, Literature and Linguistics	1,282	4	616	5	634	4	32	1
Health Professions and Related Clinical Sciences	4,461	13	376	3	1,189	8	2,896	40
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	1,758	5	199	2	223	1	1,336	18
English Language and Literature/Letters	1,564	4	1,012	8	498	3	54	1
Liberal Arts and Sciences, General Studies and Humanities	1,286	4	943	8	326	2	17	a
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	755	2	219	2	468	3	68	1
Mathematics and Statistics	1,634	5	1,053	9	515	3	66	1
Military Technologies	10	a	5	a	5	a	--	--
Multi/Interdisciplinary Studies	10	a	9	a	1	a	--	--
Parks, Recreation, Leisure and Fitness Studies	235	1	42	a	168	1	25	a
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	773	2	333	3	397	3	43	1
Physical Sciences	1,644	5	821	7	718	5	105	1
Psychology	1,556	4	505	4	804	5	247	3
Security and Protective Services/ Public Administration and Services	1,203	3	198	2	504	3	501	7
Social Sciences and History	3,705	11	1,763	14	1,745	11	197	3
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	2,789	8	1,099	9	1,382	9	308	4
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	35,036	100	12,200	100	15,519	100	7,317	100

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

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

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by Temple University, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>  
U.S. Department of Education, National Center for Education Statistics.

Table 3E

STATE-OWNED UNIVERSITIES  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2010-11

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	260	a	210	a	44	a	6	a
Architecture and Related Services	31	a	5	a	19	a	7	a
Area, Ethnic, Cultural and Gender Studies	641	1%	344	1%	288	1%	9	a
Business	8,705	8	2,942	5	5,115	15	648	5%
Communications	3,982	4	2,570	4	1,228	4	184	2
Computer and Information Sciences and Support Services	2,343	2	1,743	3	533	2	67	1
Personal and Culinary Services	1	a	--	--	1	a	--	--
Education	16,136	14	4,016	6	7,025	20	5,095	42
Engineering	553	a	198	a	241	1	114	1
Foreign Languages, Literature and Linguistics	2,816	3	2,363	4	390	1	63	1
Health Professions and Related Clinical Sciences	5,374	5	1,421	2	2,461	7	1,492	12
Family and Consumer Sciences/ Human Sciences	654	1	342	1	286	1	26	a
Technology Education/Industrial Arts	356	a	137	a	158	a	61	1
Legal Professions and Studies	385	a	215	a	75	a	95	1
English Language and Literature/Letters	8,533	8	6,593	10	1,701	5	239	2
Liberal Arts and Sciences, General Studies and Humanities	619	1	310	a	287	1	22	a
Library Science	541	a	23	a	130	a	388	3
Biological and Biomedical Sciences	5,065	5	3,856	6	1,064	3	145	1
Mathematics and Statistics	6,201	6	5,419	8	673	2	109	1
Military Technologies	7	a	4	a	3	a	--	--
Multi/Interdisciplinary Studies	797	1	544	1	230	1	23	a
Parks, Recreation, Leisure and Fitness Studies	4,186	4	1,574	2	1,604	5	1,008	8
Personal and Social Development	1,070	1	1,040	2	25	a	5	a
Philosophy and Religion/Theology	2,170	2	1,804	3	331	1	35	a
Physical Sciences	6,263	6	5,440	8	783	2	40	a
Psychology	6,352	6	3,738	6	1,925	6	689	6
Security and Protective Services/ Public Administration and Services	3,590	3	1,198	2	1,728	5	664	5
Social Sciences and History	14,511	13	10,717	16	3,360	10	434	4
Trade and Industrial	3	a	3	a	a	a	a	a
Visual and Performing Arts	7,537	7	5,507	8	1,890	5	140	1
Other	1,970	2	761	1	928	3	281	2
Total <sup>3</sup>	111,652	100	65,037	100	34,526	100	12,089	100

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

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

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual state-owned universities, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 4

DEGREES CONFERRED<sup>1</sup>  
2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

University	Total				Bachelor's				Graduate <sup>2</sup>			
	Degrees	One-year change	One-year Percentage change	Five-year average	Degrees	One-year change	One-year Percentage change	Five-year average	Degrees	One-year change	One-year Percentage change	Five-year average
<b>State-related</b>												
Lincoln	580	94	19%	6%	326	57	21%	5%	254	37	17%	6%
Penn State	17,881	109	1	3	14,649	147	1	3	3,232	-38	-1	2
Pittsburgh	8,390	466	6	2	5,227	271	5	1	3,163	195	7	3
Temple	8,265	258	3	3	5,826	213	4	4	2,439	45	2	-1
Total	35,116	927	3	3	26,028	688	3	3	9,088	239	3	2
<b>State-owned</b>												
Bloomsburg	2,059	82	4	3	1,670	36	2	2	389	46	13	3
California	2,339	71	3	8	1,348	-80	-6	4	991	151	18	16
Cheyney	169	-24	-12	-3	138	-15	-10	-1	31	-9	-23	-8
Clarion	1,497	170	13	4	983	55	6	a	514	115	29	21
East Stroudsburg	1,488	-39	-3	2	1,136	-71	-6	1	352	32	10	5
Edinboro	1,537	-44	-3	1	986	-48	-5	-3	551	4	1	17
Indiana	2,943	85	3	1	2,156	199	10	1	787	-114	-13	4
Kutztown	2,030	-62	-3	3	1,791	-28	-2	4	239	-34	-12	a
Lock Haven	873	45	5	2	781	64	9	2	92	-19	-17	0
Mansfield	704	2	a	1	554	-12	-2	1	150	14	10	2
Millersville	1,838	120	7	4	1,554	86	6	3	284	34	14	6
Shippensburg	1,665	5	a	a	1,293	22	2	-1	372	-17	-4	5
Slippery Rock	1,881	40	2	5	1,526	-21	-1	4	355	61	21	10
West Chester	2,984	43	1	3	2,320	6	a	2	664	37	6	5
Total	24,007	494	2	3	18,236	193	1	2	5,771	301	6	8
All universities	59,123	1,421	2	3	44,264	881	2	2	14,859	540	4	4

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 less than 1 percent.

SOURCE: Data provided by the individual universities, 2006 to 2011.

Table 5

NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY  
FALL 2010, AND PERCENTAGE CHANGE FROM FALL 2009

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	111	11.4	0%	1.2	0%	20.1	0%	9.3	0%	10.7	0%	52.7	0%
Penn State	3,913	6.6	0	1.4	-7	19.3	1	17.6	1	6.3	-2	51.2	a
Pittsburgh	1,945	4.8	0	2.6	-4	13.9	4	22.0	-1	9.4	1	52.7	1
Temple	1,348	5.6	0	3.2	-3	18.9	2	14.6	1	10.0	0	52.3	a
Total	7,317	6.0	0	2.1	-5	17.8	2	18.1	1	7.9	0	51.9	1
<b>State-owned</b>													
Bloomsburg	426	10.9	-1	1.3	30	18.2	3	9.7	0	16.8	-1	56.9	1
California	295	9.3	2	1.5	0	16.8	6	6.2	5	18.1	2	51.9	4
Cheyney	68	12.0	2	7.5	4	14.8	1	6.4	-9	13.0	-5	53.7	-1
Clarion	284	10.4	0	1.4	17	20.2	-1	6.7	-7	13.4	7	52.1	1
East Stroudsburg	332	12.0	0	1.6	-6	19.3	3	7.8	-4	17.2	9	57.9	3
Edinboro	360	10.1	0	2.0	0	16.3	0	8.2	0	14.8	0	51.4	0
Indiana	700	9.5	2	1.9	19	19.2	4	8.4	-8	19.9	1	58.9	1
Kutztown	452	12.2	7	0.8	-20	17.3	0	8.1	1	15.2	-3	53.6	1
Lock Haven	261	11.1	0	0.4	-20	19.0	1	6.3	-6	18.1	2	54.9	a
Mansfield	186	7.3	-5	0.3	0	22.1	0	8.6	0	12.4	2	50.7	a
Millersville	317	10.2	-1	1.0	11	16.8	6	8.1	-4	17.3	1	53.4	2
Shippensburg	310	9.0	-3	0.8	-11	16.9	-7	8.7	5	17.6	7	53.0	0
Slippery Rock	383	11.5	6	1.1	0	17.5	-3	8.6	0	16.0	3	54.7	1
West Chester	525	10.4	5	1.7	-11	16.8	-1	11.4	-4	17.5	1	57.8	-1
Total	4,899	10.3	1	1.3	0	18.0	1	8.6	-2	16.8	2	55.0	1
All universities	12,216	7.6	1	1.8	0	17.9	1	14.6	0	11.2	1	53.1	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 less than 1 percent.

SOURCE: Data provided by the individual universities, 2010 and 2011.

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK<sup>1</sup>  
2010-11  
(Dollars in thousands)

University	FTE instructional faculty		Average instructional salary		Professor		Associate professor		Assistant professor		Instructor		No rank <sup>2</sup>	
	Number	Percentage change 2009-10 to 2010-11	Amount	Percentage change 2009-10 to 2010-11	Average instruc- tional salary	Percent- age of faculty	Average instruc- tional salary	Percent- age of faculty	Average instruc- tional salary	Percent- age of faculty	Average instruc- tional salary	Percent- age of faculty	Average instruc- tional salary	Percent- age of faculty
State-related														
Lincoln	101	-40%	\$67.6	52%	\$79.4	26%	\$70.4	26%	\$74.0	27%	\$36.2	12%	\$48.3	8%
Penn State	4,398	a	69.4	3	115.3	17	85.7	18	71.9	17	43.6	20	47.3	27
Pittsburgh	2,063	-1	60.0	2	106.9	15	68.2	20	54.9	21	31.9	17	49.0	27
Temple	1,885	2	65.8	5	120.6	17	84.9	18	57.9	26	40.4	18	40.4	18
Total	8,447	-1	66.3	4	113.9	17	80.8	19	63.5	20	40.3	19	46.6	25
State-owned														
Bloomsburg	462	1	72.0	5	97.6	25	78.6	24	61.3	31	47.3	19	0	a
California	345	9	76.1	5	100.7	25	77.0	27	69.1	31	51.2	17	75.0	1
Cheyney	86	-13	75.5	a	102.6	18	73.0	26	62.4	31	74.5	25	na	na
Clarion	333	-3	73.5	4	94.2	28	78.8	24	67.7	25	48.9	23	na	na
East Stroudsburg	379	a	69.1	a	89.2	29	74.5	26	60.3	25	43.9	20	na	na
Edinboro	404	3	71.6	2	96.2	30	74.4	23	61.5	28	44.6	19	49.5	0.0
Indiana	733	2	74.6	2	98.2	29	76.8	28	60.1	30	49.0	11	45.1	2
Kutztown	455	-5	71.6	8	98.9	22	77.5	26	60.8	40	42.9	11	0	a
Lock Haven	268	-7	71.3	11	95.0	16	73.3	28	67.8	40	52.0	15	na	na
Mansfield	172	-2	70.1	a	98.3	18	80.9	21	63.9	37	50.9	23	0	1
Millersville	414	-1	74.3	4	98.0	28	79.4	28	61.7	28	44.3	15	na	na
Shippensburg	374	1	75.7	5	99.6	29	79.1	30	65.0	26	42.0	15	19	na
Slippery Rock	404	2	74.2	5	96.4	23	80.5	29	65.3	31	48.9	16	na	na
West Chester	723	1	68.4	4	97.1	23	78.0	23	65.0	22	43.2	32	27.3	a
Total	5,552	a	72.5	4	97.0	26	77.5	26	63.3	30	46.7	18	42.6	a
All universities	13,999	a	68.8	4	105.4	20	79.2	22	63.4	24	42.8	19	46.6	15

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.

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2010 and 2011.



Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

University	Undergraduate						Master's					
	Lower division	Percentage change		Upper division	Percentage change		Total undergraduate	Percentage change		Total master's	Percentage change	
		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average
State-related												
Lincoln	\$3,186	13%	-3%	\$3,517	-14%	-5%	\$3,277	5%	-3%	\$1,445	-25%	15%
Penn State	2,063	2	-1	3,984	3	a	2,840	3	a	7,343	-5	5
Pittsburgh	2,227	6	1	3,865	2	-1	2,785	4	a	5,197	-4	-6
Temple	2,224	4	3	3,578	8	3	2,982	7	3	5,486	4	3
Total	2,147	3	a	3,843	4	1	2,867	4	1	5,584	-3	-1
State-owned												
Bloomsburg	2,580	-1	2	5,015	2	3	3,252	a	2	4,644	5	4
California	2,379	13	-1	3,668	10	a	2,967	13	a	2,744	13	-2
Cheyney	3,516	4	1	7,784	-10	4	4,647	-5	3	14,786	22	64
Clarion	2,976	3	6	5,137	-3	a	3,656	1	3	4,642	a	-4
East Stroudsburg	2,670	1	3	5,725	-3	2	3,672	a	3	4,954	17	7
Edinboro	2,987	6	3	5,173	-2	2	3,789	a	2	4,535	2	-3
Indiana	2,526	a	2	5,227	-3	2	3,338	-1	2	6,596	10	5
Kutztown	2,066	3	1	4,820	a	1	3,130	2	2	5,799	5	4
Lock Haven	3,040	a	10	4,890	1	7	3,547	1	9	3,468	-5	56
Mansfield	2,977	6	4	4,895	-6	a	3,753	-2	2	3,839	28	19
Millersville	3,122	4	4	4,678	a	3	3,723	3	4	4,266	1	7
Shippensburg	2,829	2	3	5,333	7	9	3,580	3	5	5,397	12	-1
Slippery Rock	2,885	4	3	4,241	3	2	3,405	4	3	4,010	a	-4
West Chester	2,719	2	3	4,569	3	3	3,405	2	3	5,445	2	3
Total	2,716	3	3	4,833	a	2	3,450	2	3	4,638	5	3
All universities	2,416	3	2	4,231	2	2	3,124	3	2	5,151	a	a

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2006 to 2011.

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  
 2009-10<sup>a</sup>

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	\$2,666	\$2,629	\$2,642	\$3,668	--	--
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--
Education	2,159	5,049	2,589	2,734	--	--
Engineering	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	1,994	7,582	2,641	--	--	--
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	2,250	2,688	2,346	--	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	1,868	4,181	2,254	--	--	--
Mathematics and Statistics	3,416	11,217	3,679	--	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	3,194	2,400	3,023	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,584	9,711	3,194	--	--	--
Physical Sciences	5,175	24,143	6,354	--	--	--
Psychology	2,100	4,154	2,999	--	--	--
Security and Protective Services/ Public Administration and Services	--	--	--	1,745	--	--
Social Sciences and History	2,082	3,545	2,567	--	--	--
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	5,226	15,301	6,128	--	--	--
Other	--	--	--	--	--	--
Total	2,809	4,107	3,119	1,919	--	--

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. The 2009-10 data is repeated, as due to submission and database difficulties, no updated data is available. For additional inquiries regarding this table, please contact JSGC staff directly.

SOURCE: Data provided by Lincoln University, 2010; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

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  
 2010-11

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$2,689	\$3,646	\$3,353	\$13,564	--	\$17,208
Architecture and Related Services	3,998	8,385	6,255	29,527	--	44,972
Area, Ethnic, Cultural and Gender Studies	2,579	3,193	2,899	8,718	--	17,956
Business	2,001	4,356	3,542	5,742	--	36,462
Communications	1,856	4,309	2,761	12,194	--	16,265
Computer and Information Sciences and Support Services	3,725	4,990	4,365	14,251	--	21,936
Personal and Culinary Services	--	--	--	--	--	--
Education	3,420	5,056	4,617	4,480	--	12,486
Engineering	3,583	4,149	3,964	10,857	--	22,727
Foreign Languages, Literature and Linguistics	2,420	3,818	2,783	3,283	--	12,932
Health Professions and Related Clinical Sciences	3,381	3,888	3,736	7,720	--	24,183
Family and Consumer Sciences/ Human Sciences	1,043	3,289	2,115	--	--	15,247
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	18,679	\$7,486	--
English Language and Literature/Letters	2,729	3,457	3,012	14,011	--	20,070
Liberal Arts and Sciences, General Studies and Humanities	2,824	7,568	4,651	6,459	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	1,628	3,222	2,115	7,586	--	18,301
Mathematics and Statistics	1,951	3,506	2,091	3,147	--	17,162
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	4,376	3,914	4,193	13,181	--	24,929
Parks, Recreation, Leisure and Fitness Studies	1,785	2,649	2,332	15,980	--	22,071
Personal and Social Development	5,733	15,050	6,920	--	--	--
Philosophy and Religion/Theology	2,223	3,256	2,492	6,984	--	22,494
Physical Sciences	1,993	3,231	2,301	6,187	--	18,322
Psychology	1,059	4,292	2,325	8,460	--	14,449
Security and Protective Services/ Public Administration and Services	2,370	6,448	4,203	8,605	--	33,899
Social Sciences and History	1,443	3,308	2,150	9,739	--	22,005
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	1,848	5,235	2,783	14,895	--	18,262
Other	1,830	4,283	2,268	31,497	--	23,343
<b>Total</b>	<b>2,066</b>	<b>3,992</b>	<b>2,845</b>	<b>7,342</b>	<b>7,486</b>	<b>19,075</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 Pennsylvania State University, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 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  
 2010-11

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	\$2,653	\$5,622	\$3,862	\$2,785	--	\$23,259
Business	2,995	3,281	3,195	3,160	--	38,383
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	2,549	5,580	3,496	8,239	--	23,594
Personal and Culinary Services	--	--	--	--	--	--
Education	2,081	3,892	3,080	4,482	--	11,203
Engineering	3,808	4,317	4,083	7,164	--	23,594
Foreign Languages, Literature and Linguistics	3,009	3,504	3,156	8,131	--	18,758
Health Professions and Related Clinical Sciences	2,512	2,883	2,756	4,390	\$3,956	13,056
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	2,700	2,700	47,123	2,645	--
English Language and Literature/Letters	2,551	3,807	2,881	6,809	--	15,831
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	4,505	2,354	3,722	3,687	--	25,975
Biological and Biomedical Sciences	1,963	6,459	3,248	7,666	--	32,429
Mathematics and Statistics	2,273	3,134	2,420	6,736	--	12,035
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	480	2,821	1,183	27,573	23	56,961
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,520	3,097	2,700	10,535	--	18,218
Physical Sciences	1,950	7,838	2,480	9,053	--	13,602
Psychology	1,076	2,937	1,564	5,622	--	12,823
Security and Protective Services/ Public Administration and Services	3,267	2,900	3,012	3,423	--	17,360
Social Sciences and History	2,037	4,380	2,746	11,200	--	21,807
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,369	5,942	2,901	8,807	--	30,475
Other	--	--	--	--	--	--
Total	2,229	3,869	2,788	5,197	3,439	17,045

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, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 8D

TEMPLE UNIVERSITY  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2010-11

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$3,078	\$3,683	\$3,544	\$2,815	--	--
Architecture and Related Services	2,469	4,910	3,959	6,739	--	--
Area, Ethnic, Cultural and Gender Studies	1,694	2,578	2,184	9,316	--	\$17,760
Business	1,965	3,508	3,103	5,246	\$5,009	17,745
Communications	2,034	3,669	3,087	8,652	--	12,926
Computer and Information Sciences and Support Services	3,620	7,247	5,678	19,152	--	34,416
Personal and Culinary Services	--	--	--	--	--	--
Education	3,236	3,593	3,447	3,952	--	8,580
Engineering	2,897	5,555	4,415	10,263	--	15,384
Foreign Languages, Literature and Linguistics	2,224	3,060	2,648	5,328	--	11,490
Health Professions and Related Clinical Sciences	1,619	3,178	2,804	3,887	2,871	2,882
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	1,925	3,145	2,569	4,865	6,183	68,471
English Language and Literature/Letters	2,672	2,893	2,745	10,511	--	14,803
Liberal Arts and Sciences, General Studies and Humanities	2,578	2,110	2,458	3,788	--	6,972
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	2,279	4,009	3,457	1,731	1,749	15,167
Mathematics and Statistics	1,625	2,820	2,018	5,865	--	20,214
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	2,540	15,181	3,886	--	--	--
Parks, Recreation, Leisure and Fitness Studies	2,367	4,109	3,761	7,911	--	42,627
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,006	3,114	2,608	13,572	--	16,960
Physical Sciences	2,165	4,095	3,065	6,716	--	27,790
Psychology	1,601	3,805	2,955	8,901	--	15,632
Security and Protective Services/ Public Administration and Services	2,295	2,945	2,762	3,417	--	12,408
Social Sciences and History	1,799	3,050	2,421	7,966	2,051	12,453
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,964	4,432	3,782	9,545	--	17,735
Other	--	--	--	--	--	--
Total	2,225	3,580	2,983	5,486	4,051	11,717

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, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 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  
 2010-11

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional	Doctor's <sup>2</sup>
Agriculture	\$1,931	\$5,654	\$2,516	\$7,567	--	--
Architecture and Related Services	1,455	5,748	3,757	7,616	--	--
Area, Ethnic, Cultural and Gender Studies	2,476	3,980	3,117	12,392	--	--
Business	2,806	4,130	3,375	4,285	--	\$2,973
Communications	2,794	4,967	3,335	6,343	--	4,900
Computer and Information Sciences and Support Services	3,397	6,326	3,966	9,015	--	--
Personal and Culinary Services	--	5,599	5,599	--	--	--
Education	2,319	4,567	2,566	3,667	--	6,891
Engineering	2,801	7,276	4,174	3,658	--	--
Foreign Languages, Literature and Linguistics	3,193	6,174	3,535	7,574	--	7,303
Health Professions and Related Clinical Sciences	3,205	5,232	3,243	5,438	--	4,650
Family and Consumer Sciences/ Human Sciences	2,511	3,556	2,868	9,564	--	--
Technology Education/Industrial Arts	5,719	6,437	5,058	3,305	--	--
Legal Professions and Studies	2,831	1,991	1,969	2,123	--	--
English Language and Literature/Letters	3,078	4,705	3,316	6,614	--	14,328
Liberal Arts and Sciences, General Studies and Humanities	5,319	4,413	4,709	11,508	--	--
Library Science	3,729	3,603	1,024	3,377	--	--
Biological and Biomedical Sciences	2,638	7,396	3,562	14,031	--	58,025
Mathematics and Statistics	2,765	5,042	2,963	6,715	--	--
Military Technologies	0	0	0	--	--	--
Multi/Interdisciplinary Studies	3,324	4,494	3,566	3,919	--	6,098
Parks, Recreation, Leisure and Fitness Studies	2,319	3,853	2,349	2,551	--	--
Personal and Social Development	2,779	1,844	2,744	3,090	--	5,099
Philosophy and Religion/Theology	2,414	4,534	2,698	6,915	--	7,140
Physical Sciences	3,076	9,242	3,828	18,470	--	43,559
Psychology	2,046	4,313	2,511	5,380	--	10,106
Security and Protective Services/ Public Administration and Services	1,963	3,223	2,207	4,973	--	10,056
Social Sciences and History	2,108	4,361	2,567	8,989	--	12,212
Trade and Industrial	27,833	--	27,833	--	--	--
Visual and Performing Arts	3,221	8,142	4,395	13,792	--	27,711
Other	3,603	2,728	2,677	4,363	--	--
Total	2,716	4,833	3,076	4,638	--	7,690

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, 2011; CIP classifications as defined in "The Integrated Postsecondary Education Data System (IPEDS) Classification of Instructional Programs (CIP)" <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55> U.S. Department of Education, National Center for Education Statistics.

Table 9

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

University	Undergraduate									Master's		
	Lower division			Upper division			Total undergraduate			Percentage change		
	Class size	One-year	Five-year average	Class size	One-year	Five-year average	Class size	One-year	Five-year average	Class size	One-year	Five-year average
State-related												
Lincoln	25	0%	2%	18	0%	4%	23	0%	2%	17	0%	3%
Penn State	31	0	1	26	0	1	29	0	1	14	0	0
Pittsburgh	31	0	1	24	-4	0	28	0	0	18	0	1
Temple	30	2	0	25	0	1	27	0	0	14	0	0
Total	31	0	1	25	-4	1	28	0	1	16	0	1
State-owned												
Bloomsburg	33	7	2	19	6	0	28	8	2	12	0	-2
California	39	7	8	24	0	4	30	3	4	24	4	5
Cheyney	32	-18	6	15	0	-2	25	-7	2	8	0	-9
Clarion	31	-2	-4	18	6	3	25	-4	-1	14	0	3
East Stroudsburg	30	1	-1	22	5	0	27	0	-1	15	-12	-2
Edinboro	29	-1	1	22	0	2	26	0	2	17	0	8
Indiana	34	-3	1	20	11	7	28	0	3	12	-8	-2
Kutztown	37	7	3	19	6	2	28	8	2	11	0	-2
Lock Haven	29	2	-2	20	0	-2	26	4	-2	26	4	-12
Mansfield	26	-9	-1	17	13	-1	22	5	0	18	-5	-1
Millersville	30	1	1	24	4	3	28	4	2	16	0	0
Shippensburg	32	2	1	22	0	-2	28	0	0	13	-7	-1
Slippery Rock	32	-3	-1	21	0	1	27	0	0	16	0	9
West Chester	30	3	2	17	0	0	24	4	2	12	0	2
Total	32	0	1	20	5	1	27	4	2	15	0	0
All universities	31	1	1	23	0	1	28	4	2	15	0	0

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, 2006 to 2011.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE  
2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

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	\$8,472	3%	5%	\$13,360	3%	4%	\$10,237	3%	4%	\$17,392	3%	4%
Penn State <sup>2</sup>	15,250	6	7	27,114	5	5	17,202	6	6	29,480	5	5
Pittsburgh <sup>2</sup>	14,936	6	6	24,592	3	4	18,044	6	6	30,294	3	4
Temple	12,424	6	6	22,252	3	6	15,590	5	6	22,478	6	6
Average	12,771	5	6	21,830	3	5	15,268	5	6	24,911	4	5
State-owned												
Bloomsburg	7,456	5	4	16,280	5	4	8,665	5	4	12,963	5	4
California	8,312	8	6	11,914	7	7	9,749	8	5	14,046	7	5
Cheyney	7,718	5	7	16,542	5	5	8,006	5	5	12,304	5	5
Clarion	7,722	5	4	13,644	5	4	9,188	5	5	13,486	5	5
East Stroudsburg	7,778	5	4	16,602	5	4	8,742	5	4	13,040	5	4
Edinboro	7,730	6	5	10,750	5	-1	9,368	6	4	13,666	5	4
Indiana	7,571	5	4	16,395	5	4	8,691	5	5	12,989	5	5
Kutztown	7,732	5	4	16,556	5	4	8,465	5	4	12,763	5	4
Lock Haven	7,540	5	4	14,376	5	5	9,074	5	4	13,390	5	4
Mansfield	8,058	4	5	16,882	4	4	8,422	5	4	12,720	5	4
Millersville	7,700	8	5	16,524	6	4	8,796	7	5	13,094	6	4
Shippensburg	8,056	8	6	16,880	6	5	8,768	10	6	13,066	8	5
Slippery Rock	7,666	6	5	10,686	6	4	9,354	6	4	14,279	5	4
West Chester	7,680	7	5	16,504	5	4	8,580	5	5	12,878	5	4
Average	7,766	6	5	15,038	5	4	8,848	6	5	13,192	5	4

1. Excludes first-professional level.

2. Main campus data only.

SOURCE: *College and University Basic Student Charges*, [http://www.education.state.pa.us/portal/server.pt/community/higher\\_education/8684](http://www.education.state.pa.us/portal/server.pt/community/higher_education/8684) Pennsylvania Department of Education.



Table 11

TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
 2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

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	\$27,222	-3%	5%	\$11,221	\$421	4%	2%
Penn State	1,400,383	6	11	17,572	952	6	7
Pittsburgh	607,710	7	9	17,726	946	6	6
Temple	590,885	8	10	16,864	1,074	7	6
Total	2,626,200	7	10	17,341	981	6	7
<b>State-owned</b>							
Bloomsburg	82,432	11	8	8,407	427	5	4
California	74,178	9	14	8,227	607	8	7
Cheyney	12,910	8	4	10,117	1,597	19	12
Clarion	51,759	5	7	7,949	329	4	4
East Stroudsburg	64,580	4	7	9,377	417	5	4
Edinboro	61,798	9	7	8,356	406	5	5
Indiana	119,747	9	6	8,080	330	4	4
Kutztown	79,832	6	7	8,079	399	5	4
Lock Haven	42,530	7	5	7,880	300	4	8
Mansfield	26,132	1	4	8,182	242	3	3
Millersville	67,713	9	6	8,302	632	8	5
Shippensburg	61,352	8	7	8,074	494	7	4
Slippery Rock	68,579	8	7	7,769	389	5	4
West Chester	118,108	7	7	8,686	366	4	5
Total	931,650	8	7	8,291	431	5	5
All universities	3,557,850	7	9	13,487	717	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, 2006 to 2011; FTE students - data provided by the individual universities, 2006 to 2011.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

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	\$13,623	a	1%	\$5,615	\$365	7%	-1%
Penn State	264,333	a	1	3,317	-3	a	-1
Pittsburgh	157,179	a	a	4,585	-35	-1	-2
Temple	164,974	a	a	4,708	-52	-1	-2
Total	600,109	a	1	3,963	-27	-1	-2
State-owned							
Bloomsburg	34,233	2%	a	3,491	-129	-4	-3
California	32,421	-1	2	3,596	-84	-2	-2
Cheyney	13,752	-3	3	10,778	758	8	10
Clarion	24,865	-3	-1	3,819	-151	-4	-3
East Stroudsburg	24,266	-2	a	3,523	-47	-1	-1
Edinboro	26,620	4	-1	3,599	-1	a	-3
Indiana	56,448	2	-1	3,809	-101	-3	-3
Kutztown	37,013	-2	1	3,746	-124	-3	-1
Lock Haven	21,435	a	a	3,972	-138	-3	2
Mansfield	18,207	a	2	5,700	150	3	1
Millersville	33,304	-1	-2	4,083	-97	-2	-3
Shippensburg	30,658	a	-1	4,034	-36	-1	-3
Slippery Rock	35,056	-2	a	3,971	-209	-5	-2
West Chester	50,742	3	a	3,732	2	a	-2
Total <sup>2</sup>	439,020	a	a	3,907	-83	-2	-2
All universities <sup>2</sup>	1,039,129	a	a	3,939	-51	-1	-2

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

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

a. Rounds to less than 1 percent.

SOURCE: Instructional appropriations - *Governor's Executive Budget*, 2007-08 to 2011-12; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2006 to 2011. FTE students - data provided by the individual universities, 2006 to 2011.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID  
RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2010-11, CHANGE FROM 2009-10 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2005-06 to 2010-11)

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	
State-related							
Lincoln	\$11,221	\$5,615	\$16,836	33%	1%	-2%	\$498
Penn State	17,572	3,317	20,889	16	-7	-6	628
Pittsburgh	17,726	4,585	22,310	21	-7	-5	513
Temple	16,864	4,708	21,573	22	-5	-5	603
Total	17,341	3,963	21,304	19	-7	-5	594
State-owned							
Bloomsburg	8,407	3,491	11,899	29	-5	-5	712
California	8,227	3,596	11,823	30	-8	-5	743
Cheyney	10,117	10,778	20,895	52	-4	-1	1,162
Clarion	7,949	3,819	11,768	32	-5	-4	903
East Stroudsburg	9,377	3,523	12,900	27	-2	-3	475
Edinboro	8,356	3,599	11,955	30	-3	-4	899
Indiana	8,080	3,809	11,889	32	-6	-4	877
Kutztown	8,079	3,746	11,825	32	-7	-3	715
Lock Haven	7,880	3,972	11,852	34	-4	-3	904
Mansfield	8,182	5,700	13,882	41	a	-1	895
Millersville	8,302	4,083	12,386	33	-6	-4	681
Shippensburg	8,074	4,034	12,108	33	-5	-4	674
Slippery Rock	7,769	3,971	11,741	34	-6	-3	805
West Chester	8,686	3,732	12,417	30	-3	-4	500
Total <sup>3</sup>	8,291	3,907	12,199	32	-6	-4	742
All universities <sup>3</sup>	13,487	3,939	17,426	23	-6	-5	657

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

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

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

a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2006 to 2011; 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, 2006 to 2011; FTE students - data provided by the individual universities, 2006 to 2011; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, August 2011.

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## **II. HISTORICAL DATA**

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Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL<sup>1</sup>  
2005-06 to 2010-11

University	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
<b>State-related</b>						
Lincoln						
Total	2,153	2,330	2,496	2,527	2,593	2,426
Undergraduate	1,664	1,801	1,980	1,987	2,030	1,828
Graduate	489	529	516	540	563	598
Penn State						
Total	69,948	73,642	75,250	78,174	79,378	79,694
Undergraduate	63,049	66,698	68,404	70,584	71,833	72,100
Graduate	6,899	6,944	6,846	7,590	7,545	7,594
Pittsburgh						
Total	30,599	31,524	31,921	32,835	33,905	34,284
Undergraduate	22,646	23,019	23,309	23,857	24,664	24,787
Graduate	7,953	8,505	8,612	8,978	9,241	9,497
Temple						
Total	30,775	31,448	32,669	33,630	34,665	35,038
Undergraduate	24,024	24,755	25,779	26,572	27,441	27,721
Graduate	6,751	6,693	6,890	7,058	7,224	7,317
<b>State-owned</b>						
Bloomsburg						
Total	8,238	8,394	8,456	8,615	9,271	9,805
Undergraduate	7,580	7,698	7,781	7,953	8,482	8,964
Graduate	658	696	675	662	789	841
California						
Total	7,141	7,703	8,104	8,396	8,891	9,016
Undergraduate	5,870	6,301	6,599	6,863	7,137	7,105
Graduate	1,271	1,402	1,505	1,533	1,754	1,911
Cheyney						
Total	1,703	1,743	1,496	1,471	1,409	1,276
Undergraduate	1,486	1,575	1,369	1,360	1,331	1,231
Graduate	217	168	127	111	78	45
Clarion						
Total	5,860	6,012	6,117	6,216	6,478	6,511
Undergraduate	5,451	5,535	5,523	5,540	5,769	5,800
Graduate	409	477	594	676	709	711
East Stroudsburg						
Total	6,237	6,484	6,593	6,700	6,941	6,887
Undergraduate	5,492	5,782	5,868	5,996	6,148	6,158
Graduate	745	702	725	704	793	729
Edinboro						
Total	6,707	6,607	6,600	6,581	7,118	7,396
Undergraduate	6,049	5,933	5,824	5,665	5,995	6,189
Graduate	658	674	776	916	1,123	1,207
Indiana						
Total	13,594	13,686	13,978	13,943	14,218	14,820
Undergraduate	12,063	12,022	12,255	12,198	12,524	13,207
Graduate	1,531	1,664	1,723	1,745	1,694	1,613
Kutztown						
Total	8,899	9,225	9,413	9,494	9,759	9,881
Undergraduate	8,310	8,626	8,810	8,898	9,121	9,260
Graduate	589	599	603	596	638	621
Lock Haven						
Total	5,958	5,367	5,416	5,466	5,223	5,397
Undergraduate	5,275	5,075	5,124	5,148	4,930	5,049
Graduate	683	292	292	318	293	348
Mansfield						
Total	3,139	3,119	3,079	3,122	3,273	3,194
Undergraduate	2,877	2,880	2,852	2,887	3,002	2,946
Graduate	262	239	227	235	271	248
Millersville						
Total	7,707	7,936	7,932	7,794	8,075	8,156
Undergraduate	6,795	7,016	7,074	6,988	7,287	7,379
Graduate	912	920	858	806	788	777
Shippensburg						
Total	6,865	6,888	7,045	7,215	7,506	7,599
Undergraduate	6,303	6,299	6,433	6,579	6,826	6,963
Graduate	562	589	612	636	680	636
Slippery Rock						
Total	7,892	8,029	8,192	8,362	8,601	8,827
Undergraduate	7,294	7,392	7,493	7,594	7,781	7,976
Graduate	598	637	699	768	820	851
West Chester						
Total	12,272	11,851	12,301	12,543	13,279	13,598
Undergraduate	10,921	10,544	10,922	11,101	11,742	12,045
Graduate	1,351	1,307	1,379	1,442	1,537	1,553

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, 2006 to 2011.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
 TOTAL YEAR AND SUMMER 2005-06 to 2010-11  
 (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>											
2005-06	39	11	50	12	na	na	12	62	2	1	3
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
<b>Penn State</b>											
2005-06	1,122	769	1,891	57	na	108	165	2,056	98	23	121
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
<b>Pittsburgh</b>											
2005-06	451	229	680	119	54	18	191	871	39	30	69
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
<b>Temple</b>											
2005-06	333	388	721	69	73	20	162	883	58	20	78
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
<b>State-owned</b>											
<b>Bloomsburg</b>											
2005-06	162	66	228	14	na	2	16	244	15	5	20
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
<b>California</b>											
2005-06	110	65	175	31	na	na	31	206	8	11	19
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
<b>Cheyney</b>											
2005-06	35	10	45	5	na	na	5	50	3	1	4
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
<b>Clarion</b>											
2005-06	115	48	163	10	na	na	10	173	9	2	11
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
<b>East Stroudsburg</b>											
2005-06	114	51	165	18	na	na	18	183	8	6	14
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



Edinboro											
2005-06	110	72	182	16	na	na	16	198	10	3	13
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
Indiana											
2005-06	250	113	363	27	na	9	36	399	13	10	23
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
Kutztown											
2005-06	141	106	247	17	na	na	17	264	8	4	12
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
Lock Haven											
2005-06	118	41	159	16	na	na	16	175	4	2	6
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
Mansfield											
2005-06	50	37	87	6	na	na	6	93	4	4	8
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
Millersville											
2005-06	128	76	204	22	na	na	22	226	12	12	24
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
Shippensburg											
2005-06	126	63	189	14	na	na	14	203	9	4	13
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
Slippery Rock											
2005-06	147	72	219	10	na	5	15	234	13	3	16
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
West Chester											
2005-06	206	121	327	32	na	na	32	359	24	8	32
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

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, 2006 to 2011.

Historical Table 3

DEGREES CONFERRED<sup>1</sup>  
2005-06 to 2010-11

University	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
<b>State-related</b>						
Lincoln						
Total	453	420	440	462	486	580
Bachelor's	256	229	227	257	269	326
Graduate	197	191	213	205	217	254
Penn State						
Total	15,712	15,694	15,502	15,898	17,772	17,881
Bachelor's	12,740	12,732	12,445	12,723	14,502	14,649
Graduate	2,972	2,962	3,057	3,175	3,270	3,232
Pittsburgh						
Total	7,704	7,437	7,723	7,693	7,924	8,390
Bachelor's	4,996	4,724	4,853	4,888	4,956	5,227
Graduate	2,708	2,713	2,870	2,805	2,968	3,163
Temple						
Total	7,328	7,260	7,395	7,703	8,007	8,265
Bachelor's	4,825	4,880	5,068	5,373	5,613	5,826
Graduate	2,503	2,380	2,327	2,330	2,394	2,439
<b>State-owned</b>						
Bloomsburg						
Total	1,823	1,838	1,889	1,889	1,977	2,059
Bachelor's	1,491	1,516	1,544	1,565	1,634	1,670
Graduate	332	322	345	324	343	389
California						
Total	1,677	1,731	1,965	2,141	2,268	2,339
Bachelor's	1,130	1,086	1,242	1,297	1,428	1,348
Graduate	547	645	723	844	840	991
Cheyney						
Total	197	199	203	258	193	169
Bachelor's	147	149	153	178	153	138
Graduate	50	50	50	80	40	31
Clarion						
Total	1,226	1,182	1,094	1,201	1,327	1,497
Bachelor's	977	930	823	843	928	983
Graduate	249	252	271	358	399	514
East Stroudsburg						
Total	1,346	1,412	1,542	1,591	1,527	1,488
Bachelor's	1,059	1,137	1,230	1,272	1,207	1,136
Graduate	287	275	312	319	320	352
Edinboro						
Total	1,483	1,384	1,410	1,486	1,581	1,537
Bachelor's	1,189	1,097	1,062	1,073	1,034	986
Graduate	294	287	348	413	547	551
Indiana						
Total	2,748	3,006	2,898	2,878	2,858	2,943
Bachelor's	2,100	2,314	2,099	2,079	1,957	2,156
Graduate	648	692	799	799	901	787
Kutztown						
Total	1,737	1,876	1,908	2,054	2,092	2,030
Bachelor's	1,493	1,583	1,652	1,753	1,819	1,791
Graduate	244	293	256	301	273	239
Lock Haven						
Total	812	862	887	853	845	873
Bachelor's	720	761	810	777	733	781
Graduate	92	101	77	76	112	92
Mansfield						
Total	656	700	659	704	702	704
Bachelor's	521	564	508	554	566	554
Graduate	135	136	151	150	136	150
Millersville						
Total	1,563	1,595	1,698	1,624	1,718	1,838
Bachelor's	1,342	1,361	1,463	1,402	1,467	1,554
Graduate	221	234	235	222	251	284
Shippensburg						
Total	1,688	1,682	1,621	1,657	1,661	1,665
Bachelor's	1,394	1,324	1,279	1,292	1,272	1,293
Graduate	294	358	342	365	389	372
Slippery Rock						
Total	1,502	1,795	1,750	1,973	1,841	1,881
Bachelor's	1,263	1,532	1,506	1,654	1,547	1,526
Graduate	239	263	244	319	294	355
West Chester						
Total	2,589	2,739	2,689	3,047	3,053	2,984
Bachelor's	2,066	2,160	2,114	2,437	2,422	2,320
Graduate	523	579	575	610	631	684

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, 2006 to 2011.

Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL<sup>1</sup>  
FALL 2005 to FALL 2010

University	Full-time employed faculty <sup>2</sup>						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010	2005	2006	2007	2008	2009	2010
	<hr/>																	
State-related																		
Lincoln	102	104	104	103	107	111	11.7	11.5	12.0	11.6	11.4	11.4	1.2	0.8	0.7	1.4	1.2	1.2
Penn State	3,638	3,633	3,699	3,848	3,918	3,913	6.5	6.7	6.8	6.7	6.6	6.6	1.5	1.4	1.5	1.6	1.5	1.4
Pittsburgh	1,980	1,981	1,955	3,773	3,584	1,945	4.5	4.9	4.7	4.7	4.8	4.8	3.8	2.8	2.8	2.6	2.7	2.6
Temple	1,198	1,189	1,252	1,289	1,323	1,348	5.3	5.5	5.6	5.6	5.6	5.6	3.3	3.3	3.1	3.2	3.3	3.2
Total	6,918	6,907	7,010	9,013	8,932	7,317	5.8	6.0	6.0	6.0	6.0	6.0	2.5	2.1	2.1	2.1	2.2	2.1
State-owned																		
Bloomsburg	374	386	393	394	417	426	11.2	11.1	10.8	11.3	11.0	10.9	1.0	1.2	1.0	1.0	1.0	1.3
California	254	289	307	290	285	295	8.7	9.1	8.6	9.4	9.1	9.3	1.3	1.3	1.3	1.2	1.5	1.5
Cheyney	91	94	99	80	79	68	10.7	11.5	10.0	11.5	11.8	12.0	0.0	0.0	0.2	0.8	7.2	7.5
Clarion	293	247	272	281	257	284	11.2	10.6	10.9	10.8	10.4	10.4	0.9	1.1	1.0	1.1	1.2	1.4
East Stroudsburg	293	299	321	337	329	332	11.2	11.5	12.1	11.9	12.0	12.0	1.5	1.6	1.7	1.7	1.7	1.6
Edinboro	366	366	348	353	358	360	10.4	10.8	10.8	10.0	10.1	10.1	1.6	1.4	1.9	2.0	2.0	2.0
Indiana	705	712	700	701	703	700	9.4	9.8	9.8	9.2	9.3	9.5	1.6	1.6	1.7	1.7	1.6	1.9
Kutztown	434	427	445	463	470	452	11.2	11.8	11.8	11.3	11.4	12.2	0.6	0.7	0.8	0.8	1.0	0.8
Lock Haven	270	264	264	264	264	261	10.8	10.9	11.1	11.1	11.1	11.1	0.6	0.4	0.3	0.3	0.5	0.4
Mansfield	155	160	146	146	173	186	8.3	7.2	7.5	7.6	7.7	7.3	0.3	0.3	0.3	0.3	0.3	0.3
Millersville	326	321	322	315	320	317	9.5	10.0	10.1	10.3	10.3	10.2	0.6	0.8	1.0	0.9	0.9	1.0
Shippensburg	304	321	314	339	323	310	9.6	9.4	9.6	9.4	9.3	9.0	0.9	0.9	0.8	0.9	0.9	0.8
Slippery Rock	367	361	366	372	381	383	9.6	10.4	9.9	10.8	10.8	11.5	1.0	0.9	1.0	1.1	1.1	1.1
West Chester	566	570	573	631	612	525	9.5	9.7	9.7	9.6	9.9	10.4	1.6	1.7	1.8	1.9	1.9	1.7
Total	4,798	4,817	4,870	4,966	4,971	4,899	10.1	10.2	10.2	10.2	10.2	10.3	1.1	1.1	1.2	1.2	1.3	1.3
All universities	11,716	11,724	11,880	13,979	13,903	12,216	7.4	7.6	7.6	7.5	7.5	7.6	1.9	1.8	1.8	1.8	1.8	1.8

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, 2006 to 2011.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK<sup>1</sup>  
2005-06 to 2010-11  
(Dollars in thousands)

University	FTE instructional faculty	Average instructional salaries					Instructor	No rank <sup>2</sup>
		All faculty	Professor	Associate professor	Assistant professor			
<b>State-related</b>								
<b>Lincoln</b>								
2005-06	170	\$36.6	\$79.5	\$65.4	\$29.4	\$15.2	\$19.6	
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	
<b>Penn State</b>								
2005-06	4,239	62.6	107.0	77.1	64.1	38.2	41.5	
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	
<b>Pittsburgh</b>								
2005-06	1,993	60.3	100.7	69.7	56.7	36.7	41.5	
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	
<b>Temple</b>								
2005-06	1,709	54.7	94.0	70.5	47.8	33.7	37.8	
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	
<b>State-owned</b>								
<b>Bloomsburg</b>								
2005-06	402	62.1	80.4	65.3	51.7	41.3	na	
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	
<b>California</b>								
2005-06	311	68.0	88.6	70.8	56.7	50.0	na	
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	
<b>Cheyney</b>								
2005-06	121	56.0	84.5	70.7	55.8	35.1	0	
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	
<b>Clarion</b>								
2005-06	296	66.3	87.9	71.5	55.9	39.3	na	
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	
<b>East Stroudsburg</b>								
2005-06	339	59.9	80.3	64.8	51.0	38.5	na	
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	

Edinboro								
2005-06	397	61.1	81.1	66.8	53.2	41.5		63.5
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
Indiana								
2005-06	717	62.0	75.7	63.8	52.7	46.7		39.7
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
Kutztown								
2005-06	433	60.6	86.8	69.1	51.0	39.0		44.5
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
Lock Haven								
2005-06	250	52.7	74.9	55.9	46.7	37.6		na
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
Mansfield								
2005-06	171	61.7	86.0	70.5	52.0	36.8		0
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
Millersville								
2005-06	420	57.7	76.8	61.2	48.8	36.6		na
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
Shippensburg								
2005-06	362	58.8	67.0	65.7	52.2	41.0		na
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
Slippery Rock								
2005-06	377	62.9	80.2	63.6	56.6	44.6		44.2
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
West Chester								
2005-06	662	57.7	80.6	66.6	54.7	38.1		41.3
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

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, 2006 to 2011.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2005-06 to 2010-11

University	Lower division						Upper division						Total undergraduate						Master's					
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
State-related																								
Lincoln	\$3,671	\$2,545	\$2,694	\$2,758	\$2,809	\$3,186	\$4,621	\$4,445	\$4,895	\$4,226	\$4,104	\$3,517	\$3,897	\$2,882	\$3,093	\$3,078	\$3,119	\$3,277	\$832	\$1,960	\$2,253	\$2,155	\$1,920	\$1,445
Penn State	2,128	1,969	2,038	2,070	2,019	2,063	3,906	3,983	4,135	4,001	3,873	3,984	2,851	2,726	2,796	2,836	2,765	2,840	5,837	5,911	6,354	6,810	7,693	7,343
Pittsburgh	2,135	2,291	2,342	2,301	2,106	2,227	4,042	3,911	3,925	4,043	3,802	3,865	2,776	2,845	2,884	2,889	2,685	2,785	7,283	5,543	5,489	5,437	5,422	5,197
Temple	1,933	1,996	2,011	2,105	2,146	2,224	3,058	3,124	3,178	3,281	3,319	3,578	2,539	2,605	2,640	2,740	2,798	2,982	4,857	5,105	4,924	5,355	5,281	5,486
Total	2,116	2,054	2,111	2,139	2,077	2,147	3,692	3,722	3,817	3,801	3,704	3,843	2,775	2,723	2,782	2,826	2,762	2,867	6,013	5,359	5,421	5,606	5,771	5,584
State-owned																								
Bloomsburg	2,331	2,487	2,611	2,626	2,618	2,580	4,405	4,517	4,860	4,922	4,925	5,015	2,930	3,069	3,256	3,284	3,253	3,252	3,928	4,256	4,433	4,500	4,432	4,644
California	2,555	2,319	2,308	2,288	2,097	2,379	3,618	3,749	3,688	3,491	3,324	3,668	2,939	2,884	2,890	2,797	2,620	2,967	3,073	2,956	2,976	2,876	2,433	2,744
Cheyney	3,397	3,492	4,289	3,649	3,377	3,516	6,391	5,393	5,874	5,118	8,636	7,784	4,056	3,961	4,724	4,034	4,892	4,647	3,512	3,784	5,798	5,510	12,079	14,786
Clarion	2,315	2,344	2,429	2,728	2,891	2,976	5,174	5,321	5,466	5,335	5,306	5,137	3,161	3,178	3,248	3,479	3,610	3,656	5,818	5,513	5,255	4,883	4,638	4,642
East Stroudsburg	2,338	2,424	2,643	2,653	2,633	2,670	5,130	5,329	5,146	5,704	5,880	5,725	3,202	3,359	3,456	3,665	3,673	3,672	3,650	3,797	4,168	4,118	4,238	4,954
Edinboro	2,586	2,713	2,784	3,002	2,828	2,987	4,738	5,076	5,387	5,534	5,290	5,173	3,437	3,676	3,835	4,025	3,778	3,789	5,256	5,382	4,984	4,501	4,447	4,535
Indiana	2,318	2,477	2,348	2,451	2,526	2,526	4,699	4,812	4,898	5,121	5,408	5,227	3,070	3,225	3,123	3,255	3,384	3,338	5,182	5,477	5,060	5,300	5,989	6,596
Kutztown	1,979	1,913	1,907	1,940	2,009	2,066	4,486	4,627	4,686	4,848	4,818	4,820	2,824	2,860	2,919	3,012	3,072	3,130	4,759	5,038	5,109	5,523	5,506	5,799
Lock Haven	2,043	2,217	2,374	2,227	3,047	3,040	3,565	4,426	4,850	4,952	4,838	4,890	2,425	2,826	3,063	2,951	3,521	3,547	910	2,587	3,330	3,816	3,636	
Mansfield	2,467	2,831	3,060	2,916	2,811	2,977	4,858	5,207	4,474	4,902	5,211	4,895	3,482	3,877	3,667	3,759	3,813	3,753	1,988	2,020	5,659	4,983	2,992	3,839
Millersville	2,593	2,752	2,817	2,968	2,994	3,122	4,060	4,373	4,453	4,628	4,675	4,678	3,139	3,352	3,435	3,590	3,628	3,723	3,205	3,381	3,748	4,169	4,209	4,266
Shippensburg	2,468	2,459	2,805	2,798	2,778	2,829	3,709	4,178	4,885	5,072	4,995	5,333	2,883	3,012	3,479	3,503	3,464	3,580	5,566	5,686	4,566	4,594	4,818	5,397
Slippery Rock	2,478	2,663	2,604	2,724	2,782	2,885	3,880	3,907	3,712	3,906	4,107	4,241	2,938	3,098	3,020	3,166	3,284	3,405	5,052	4,911	3,971	4,121	4,027	4,010
West Chester	2,341	2,493	2,565	2,674	2,661	2,719	3,942	4,339	4,342	4,350	4,424	4,569	2,915	3,175	3,225	3,310	3,323	3,405	4,721	5,622	5,136	5,160	5,343	5,445
Total	2,352	2,445	2,520	2,576	2,646	2,716	4,301	4,545	4,608	4,727	4,817	4,833	2,998	3,158	3,238	3,316	3,393	3,450	4,072	4,488	4,431	4,455	4,436	4,638
All universities	2,231	2,237	2,299	2,342	2,342	2,416	3,933	4,054	4,139	4,163	4,135	4,231	2,876	2,916	2,983	3,040	3,037	3,124	5,088	4,961	4,974	5,087	5,156	5,151

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, 2006 to 2011.

Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2005-06 to 2010-11

University	Lower division						Upper division						Total undergraduate						Master's						
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	
State-related																									
Lincoln	\$122	\$85	\$90	\$92	\$94	\$106	\$154	\$148	\$163	\$141	\$137	\$117	\$130	\$96	\$103	\$103	\$104	\$109	\$35	\$82	\$94	\$90	\$80	\$60	
Penn State	71	66	68	69	67	69	130	133	138	133	129	133	95	91	93	95	92	95	243	246	265	284	321	306	
Pittsburgh	71	76	78	77	70	74	135	130	131	135	127	129	93	95	96	96	90	93	303	231	229	227	226	217	
Temple	64	67	67	70	72	74	102	104	106	109	111	119	85	87	88	91	93	99	202	213	205	223	220	229	
Total	71	68	70	71	69	72	123	124	127	127	123	128	93	91	93	94	92	96	251	223	226	234	240	233	
State-owned																									
Bloomsburg	78	83	87	88	87	86	147	151	162	164	164	167	98	102	109	109	108	108	164	177	185	188	185	194	
California	85	77	77	76	70	79	121	125	123	116	111	122	98	96	96	93	87	99	128	123	124	120	101	114	
Cheyney	113	116	143	122	113	117	213	180	196	171	288	259	135	132	157	134	163	155	146	158	242	230	503	616	
Clarion	77	78	81	91	96	99	172	177	182	178	177	171	105	106	108	116	120	122	242	230	219	203	193	193	
East Stroudsburg	78	81	88	88	88	89	171	178	172	190	196	191	107	112	115	122	122	122	152	158	174	172	177	206	
Edinboro	86	90	93	100	94	100	158	169	180	184	176	172	115	123	128	134	126	126	219	224	208	188	185	189	
Indiana	77	83	78	82	84	84	157	160	163	171	180	174	102	108	104	109	113	111	216	228	211	221	250	275	
Kutztown	66	64	64	65	67	69	150	154	156	162	161	161	94	95	97	100	102	104	198	210	213	230	229	242	
Lock Haven	68	74	79	74	102	101	119	148	162	165	161	163	81	94	102	98	117	118	38	108	139	159	152	145	
Mansfield	82	94	102	97	94	99	162	174	149	163	174	163	116	129	122	125	127	125	83	84	236	208	125	160	
Millersville	86	92	94	99	100	104	135	146	148	154	156	156	105	112	115	120	121	124	134	141	156	174	175	178	
Shippensburg	82	82	94	93	93	94	124	139	163	169	167	178	96	100	116	117	115	119	232	237	190	191	201	225	
Slippery Rock	83	89	87	91	93	96	129	130	124	130	137	141	98	103	101	106	109	114	211	205	165	172	168	167	
West Chester	78	83	86	89	89	91	131	145	145	145	147	152	97	106	108	110	111	114	197	234	214	215	223	227	
Total	78	82	84	86	88	91	143	152	154	158	161	161	100	105	108	111	113	115	170	187	185	186	185	193	
All universities	74	75	77	78	78	81	131	135	138	139	138	141	96	97	99	101	101	104	212	207	207	212	215	215	

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, 2006 to 2011.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2005-06 to 2010-11

University	Lower division						Upper division						Total undergraduate						Master's					
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
<b>State-related</b>																								
Lincoln	23	24	24	24	25	25	15	14	15	17	18	18	21	21	22	22	23	23	15	15	14	15	17	17
Penn State	30	31	31	31	31	31	25	25	25	26	26	26	28	29	29	29	29	29	14	14	14	14	14	14
Pittsburgh	30	29	29	30	31	31	24	24	23	24	25	24	28	27	27	28	28	28	17	17	16	17	18	18
Temple	30	30	30	29	30	30	24	25	24	24	25	25	27	27	27	27	27	27	14	14	14	14	14	14
<b>Total</b>	30	30	30	30	31	31	24	24	24	25	26	25	27	28	28	28	28	28	15	15	15	15	16	16
<b>State-owned</b>																								
Bloomsburg	30	30	30	30	31	33	19	19	18	18	18	19	26	26	26	26	26	28	13	12	13	12	12	12
California	28	31	32	31	36	39	20	22	22	22	24	24	25	26	27	27	29	30	19	19	20	20	23	24
Cheyney	25	23	23	25	39	32	17	16	19	20	15	15	23	21	22	23	27	25	14	11	13	12	8	8
Clarion	38	37	35	33	32	31	16	16	15	16	17	18	27	27	26	26	26	25	12	12	12	13	14	14
East Stroudsburg	32	32	26	30	30	30	22	23	20	21	21	22	29	29	24	27	27	27	17	17	12	16	17	15
Edinboro	27	27	29	28	29	29	20	21	21	22	22	22	24	24	25	25	26	26	12	12	14	15	17	17
Indiana	32	33	34	34	35	34	15	15	18	18	18	20	24	25	27	27	28	28	13	12	13	13	13	12
Kutztown	32	34	35	36	35	37	17	17	17	17	18	19	25	26	26	26	26	28	12	12	11	11	11	11
Lock Haven	32	29	29	30	28	29	22	14	13	13	20	20	29	22	22	22	25	26	65	13	12	13	25	26
Mansfield	27	25	25	25	29	26	18	18	17	16	15	17	22	22	21	21	21	22	19	16	17	18	19	18
Millersville	29	29	29	29	30	30	21	22	22	22	23	24	25	26	26	26	27	28	16	16	16	15	16	16
Shippensburg	30	29	30	30	31	32	24	23	19	19	22	22	28	27	25	26	28	28	14	14	14	14	14	13
Slippery Rock	33	32	32	33	33	32	20	20	20	21	21	21	27	27	26	27	27	27	11	13	14	14	16	16
West Chester	27	26	27	27	29	30	17	15	16	17	17	17	22	20	22	22	23	24	11	9	12	12	12	12
<b>Total</b>	30	30	30	31	32	32	19	18	18	19	19	20	25	25	25	25	26	27	15	13	14	14	15	15
<b>All universities</b>	30	30	30	30	31	31	22	21	22	22	23	23	26	26	26	27	27	28	15	14	14	15	15	15

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, 2006 to 2011.



Historical Table 9

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS<sup>1</sup>  
2005-06 to 2010-11  
(in millions)

University	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
<b>State-related</b>						
Lincoln	\$12.9	\$13.5	\$13.8	\$13.6	\$13.6	\$13.6
Penn State	247.2	258.3	263.5	267.5	263.9	264.3
Pittsburgh	154.2	161.1	164.3	156.8	156.8	157.2
Temple	161.8	169.5	172.9	165.0	165.0	165.0
Total	576.1	602.5	614.5	602.8	599.3	600.1
<b>State-owned</b>						
Bloomsburg	34.7	36.4	36.9	36.4	33.5	34.2
California	28.9	32.4	34.6	35.3	32.7	32.4
Cheyney	12.0	12.0	14.7	15.3	14.1	13.8
Clarion	26.8	27.6	27.2	27.5	25.7	24.9
East Stroudsburg	23.7	24.8	25.9	26.0	24.8	24.3
Edinboro	28.5	28.8	29.2	28.3	25.6	26.6
Indiana	60.1	62.2	63.8	61.5	55.6	56.4
Kutztown	35.7	38.8	40.8	40.8	37.7	37.0
Lock Haven	21.1	22.1	23.5	22.9	21.5	21.4
Mansfield	16.8	16.9	19.3	19.0	18.2	18.2
Millersville	37.5	38.5	38.1	37.1	33.8	33.3
Shippensburg	31.9	32.2	33.8	32.4	30.5	30.7
Slippery Rock	34.7	37.7	38.2	37.8	35.9	35.1
West Chester	50.8	52.5	53.8	52.9	49.5	50.7
Total <sup>2</sup>	443.3	463.0	479.8	473.1	439.1	439.0
All universities <sup>2</sup>	1,019.4	1,065.4	1,094.3	1,075.9	1,038.4	1,039.1

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, 2006-07 to 2010-11*; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2006 to 2011.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS  
BY ACADEMIC LEVEL AND RESIDENCE  
2005-06 to 2010-11

University	Undergraduate		Graduate <sup>1</sup>	
	In-State	Out-of-State	In-State	Out-of-State
<b>State-related</b>				
<b>Lincoln</b>				
2005-06	\$6,866	\$11,106	\$8,562	\$14,640
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
<b>Penn State</b>				
<b>Main Campus</b>				
2005-06	11,508	21,744	13,002	23,488
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
<b>Pittsburgh</b>				
<b>Main Campus</b>				
2005-06	11,436	20,784	13,774	25,592
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
<b>Temple</b>				
2005-06	9,640	17,236	12,092	17,396
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
<b>State-owned</b>				
<b>Bloomsburg</b>				
2005-06	6,226	13,649	7,247	10,844
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
<b>California</b>				
2005-06	6,428	8,945	7,650	11,247
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
<b>Cheyney</b>				
2005-06	5,818	13,241	6,393	9,990
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
<b>Clarion</b>				
2005-06	6,447	11,418	7,366	10,963
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
<b>East Stroudsburg</b>				
2005-06	6,399	13,822	7,201	10,798
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

Edinboro				
2005-06	6,290	11,261	7,664	11,259
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
Indiana				
2005-06	6,221	13,644	6,926	10,523
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
Kutztown				
2005-06	6,425	13,848	7,079	10,676
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
Lock Haven				
2005-06	6,258	11,681	7,632	11,229
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
Mansfield				
2005-06	6,408	13,831	7,077	10,674
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
Millersville				
2005-06	6,235	13,658	7,105	10,702
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
Shippensburg				
2005-06	6,175	13,598	6,867	10,464
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
Slippery Rock				
2005-06	6,211	8,727	7,637	11,764
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
West Chester				
2005-06	6,147	13,570	6,967	10,564
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

1. Excludes first-professional level.

SOURCE: Data provided by the Pennsylvania Department of Education, *College and University Student Charges*, 2006 to 2011.

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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:

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

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.

This model serves as the basis for the regression analysis performed by the Commission staff to estimate the annual cost savings from a decrease in average salary and an increase in average class (section) size (see chart, page xiv).