

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

**Staff Analysis of 2009-10 Data  
Reported Under the Public School Code of 1949**

**FEBRUARY 2011**



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 38th 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 2009-10 and data trends for 2004-05 to 2009-10 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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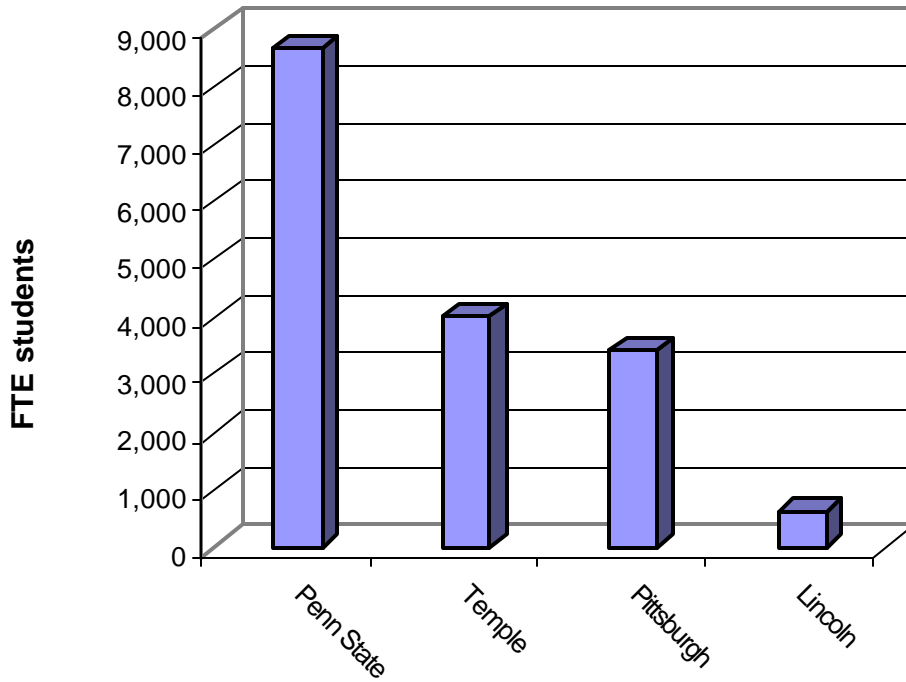
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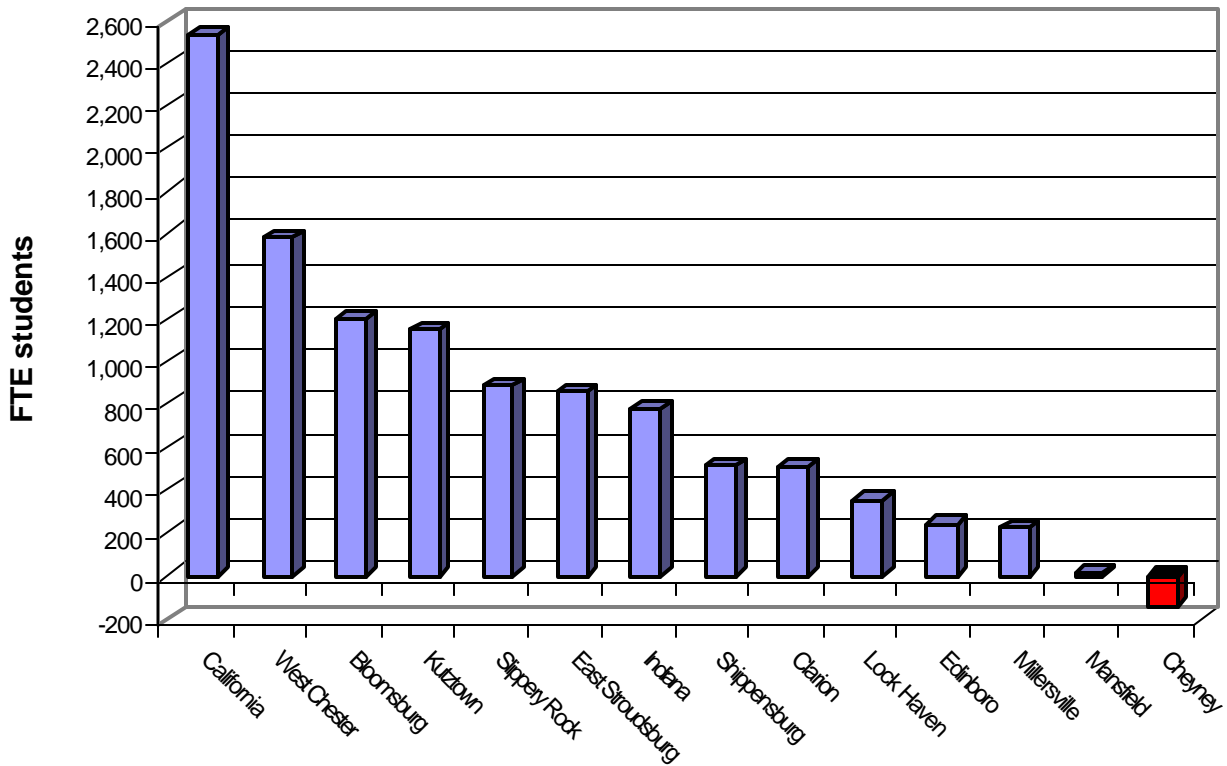
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CHANGES IN FTE STUDENT ENROLLMENTS  
 IN THE STATE-RELATED AND STATE-OWNED UNIVERSITIES  
 2004-05 to 2009-10



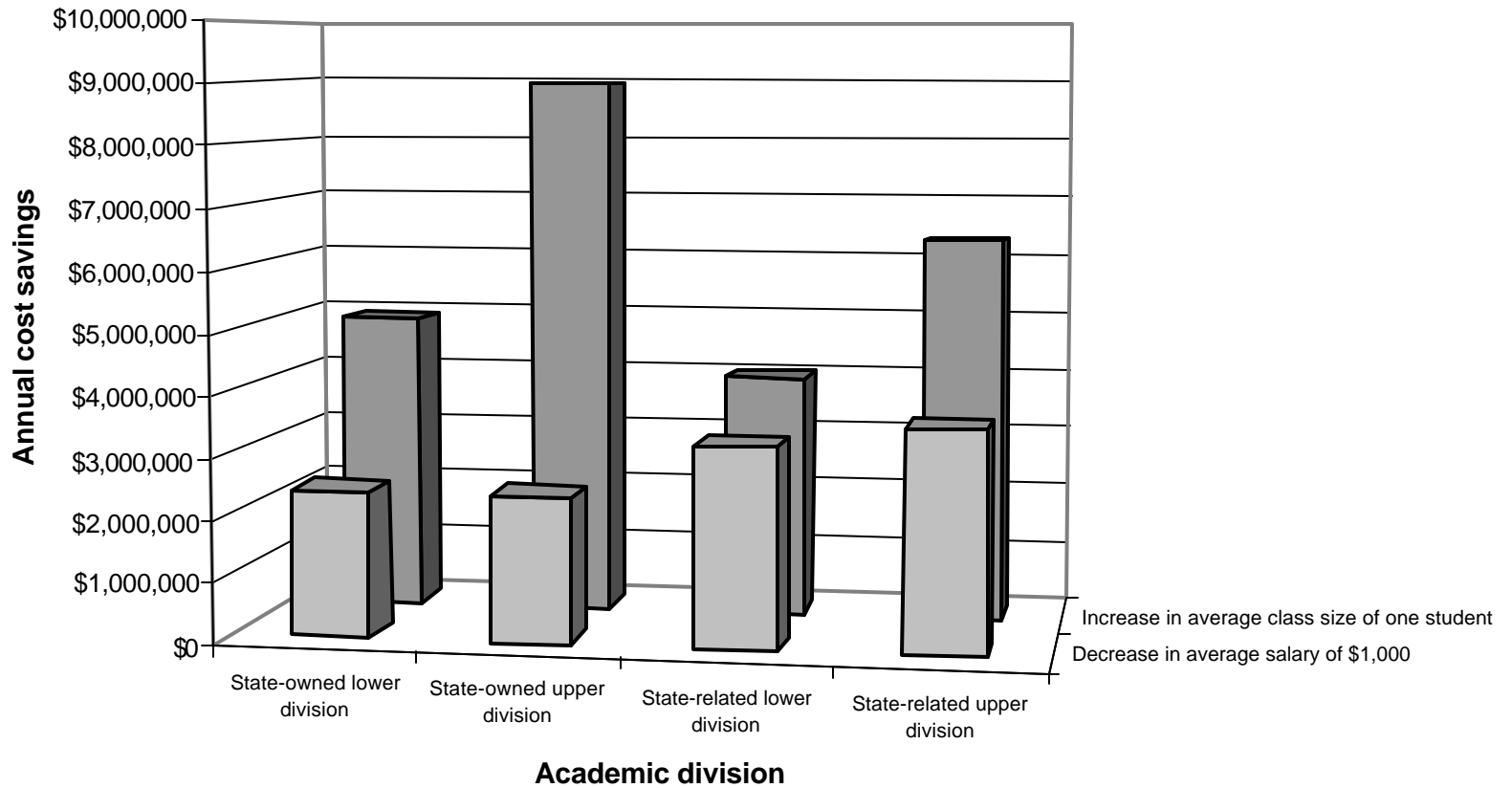
State-related universities



State-owned universities

SOURCE: Data provided by the individual universities, 2005 to 2010.

**ESTIMATED ANNUAL COST SAVINGS  
FROM A DECREASE IN AVERAGE SALARY AND AN INCREASE IN AVERAGE CLASS SIZE<sup>1</sup>  
FOR THE STATE-RELATED AND STATE-OWNED UNIVERSITIES  
2009-10**



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1. The estimated total annual cost savings to be expected from *decreasing* average FTE instructional faculty salary by \$1,000 at the State-related and State-owned universities would be almost \$12 million, and from *increasing* average class (section) size by one student about \$24 million. The model on which these estimates are based is given in the Appendix.

SOURCE: Data provided by the individual universities, 2010.

## **I. CURRENT YEAR DATA**

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Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL <sup>1</sup>  
 2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

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	2,593	66	3%	6%	2,030	43	2%	6%	563	23	4%	6%
Penn State	79,378	1,204	2	2	71,833	1,249	2	3	7,545	-45	-1	1
Pittsburgh	33,905	1,070	3	2	24,664	807	3	2	9,241	263	3	3
Temple	34,665	1,035	3	3	27,441	869	3	4	7,224	166	2	-1
Total	150,541	3,375	2	3	125,968	2,968	2	3	24,573	407	2	1
State-owned												
Bloomsburg	9,271	656	8	3	8,482	529	7	3	789	127	19	4
California	8,891	495	6	8	7,137	274	4	7	1,754	221	14	11
Cheyney	1,409	-62	-4	-2	1,331	-29	-2	-1	78	-33	-30	-7
Clarion	6,478	262	4	2	5,769	229	4	1	709	33	5	17
East Stroudsburg	6,941	241	4	3	6,148	152	3	3	793	89	13	1
Edinboro	7,118	537	8	1	5,995	330	6	-1	1,123	207	23	19
Indiana	14,218	275	2	1	12,524	326	3	1	1,694	-51	-3	5
Kutztown	9,759	265	3	3	9,121	223	3	3	638	42	7	2
Lock Haven	5,223	-243	-4	1	4,930	-218	-4	2	293	-25	-8	-1
Mansfield	3,273	151	5	a	3,002	115	4	a	271	36	15	-1
Millersville	8,075	281	4	1	7,287	299	4	1	788	-18	-2	-4
Shippensburg	7,506	291	4	1	6,826	247	4	1	680	44	7	4
Slippery Rock	8,601	239	3	2	7,781	187	2	2	820	52	7	7
West Chester	13,279	736	6	3	11,742	641	6	3	1,537	95	7	3
Total	110,042	4,124	4	2	98,075	3,305	3	2	11,967	819	7	5
All universities	260,583	7,499	3	2	224,043	6,273	3	2	36,540	1,226	3	2

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

2. 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, 2005 to 2010.

Table 2

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL <sup>1</sup>  
 2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

University	Lower division			Upper division			Master's			First professional <sup>2</sup> and doctor's		
	FTE students	Percentage change One-year	Percentage change Five-year average	FTE students	Percentage change One-year	Percentage change Five-year average	FTE students	Percentage change One-year	Percentage change Five-year average	FTE students	Percentage change One-year	Percentage change Five-year average
State-related												
Lincoln	1,545	-1%	7%	485	12%	6%	563	4%	6%	na	na	na
Penn State	42,931	1	3	28,902	3	2	3,042	1	1	4,503	-2%	1%
Pittsburgh	16,250	3	2	8,414	4	2	6,151	5	5	3,090	-1	1
Temple	12,175	a	3	15,266	6	5	3,128	4	a	4,096	1	-2
Total	72,901	1	3	53,067	4	3	12,884	4	2	11,689	-1	a
State-owned												
Bloomsburg	6,145	8	3	2,337	2	2	732	19	4	57	19	2
California	4,091	3	5	3,046	5	11	1,754	14	11	na	na	na
Cheyney	948	-6	-3	383	8	3	78	-30	-7	na	na	na
Clarion	4,051	3	1	1,718	8	1	709	5	17	na	na	na
East Stroudsburg	4,177	4	3	1,971	-1	4	772	13	a	21	-5	--
Edinboro	3,681	9	-3	2,314	1	3	1,123	23	19	na	na	na
Indiana	8,878	3	1	3,646	1	a	1,042	-4	1	652	a	16
Kutztown	5,670	1	1	3,451	5	5	638	7	2	na	na	na
Lock Haven	3,622	-4	3	1,308	-5	a	293	-8	-1	na	na	na
Mansfield	1,749	5	1	1,253	2	a	271	15	-1	na	na	na
Millersville	4,541	4	1	2,746	5	2	788	-2	-4	na	na	na
Shippensburg	4,712	4	2	2,114	4	a	680	7	4	na	na	na
Slippery Rock	4,835	2	a	2,946	4	7	591	7	8	229	6	5
West Chester	7,328	6	2	4,414	5	4	1,537	7	3	na	na	na
Total	64,428	4	1	33,647	3	3	11,008	8	4	959	2	12
All universities	137,329	2	2	86,714	4	3	23,892	6	3	12,648	a	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, 2005 to 2010.

Table 3A

LINCOLN UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2009-10

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	209	8%	62	4%	125	26%	22	3%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	226	9	145	9	25	5	56	10
Engineering	--	--	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	66	3	58	4	8	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	330	13	258	17	72	15	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	132	5	110	7	22	5	--	--
Mathematics and Statistics	223	9	215	14	8	2	--	--
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	115	4	90	6	25	5	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	92	4	84	5	8	2	--	--
Physical Sciences	126	5	118	8	8	2	--	--
Psychology	110	4	62	4	48	10	--	--
Security and Protective Services/ Public Administration and Services	485	19	--	--	--	--	485	87
Social Sciences and History	389	15	260	17	129	27	--	--
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	93	4	85	5	8	2	--	--
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	2,593	100	1,545	100	485	100	563	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, 2010; CIP classifications- U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition, 2002*.

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  
 2009-10

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	1,222	2%	353	1%	704	2%	165	2%
Architecture and Related Services	438	1	176	a	243	1	19	a
Area, Ethnic, Cultural and Gender Studies	729	1	425	1	249	1	55	1
Business	8,249	10	2,254	5	5,046	17	949	13
Communications	4,027	5	2,509	6	1,416	5	102	1
Computer and Information Sciences and Support Services	2,048	3	952	2	834	3	262	3
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	2,706	3	425	1	1,173	4	1,108	15
Engineering	6,501	8	1,779	4	3,557	12	1,165	15
Foreign Languages, Literature and Linguistics	3,778	5	2,628	6	925	3	225	3
Health Professions and Related Clinical Sciences	2,257	3	627	1	1,393	5	237	3
Family and Consumer Sciences/ Human Sciences	2,349	3	1,160	3	1,105	4	84	1
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	779	1	--	--	--	--	779	10
English Language and Literature/Letters	4,609	6	2,769	6	1,710	6	130	2
Liberal Arts and Sciences, General Studies and Humanities	268	a	163	a	96	a	9	a
Library Science	3	a	1	a	2	a	--	--
Biological and Biomedical Sciences	4,857	6	3,189	7	1,303	5	365	5
Mathematics and Statistics	7,495	9	6,538	15	700	2	257	3
Military Technologies	116	a	61	a	55	a	--	--
Multi/Interdisciplinary Studies	285	a	120	a	93	a	72	1
Parks, Recreation, Leisure and Fitness Studies	2,443	3	854	2	1,541	5	48	1
Personal and Social Development	26	a	23	a	3	a	--	--
Philosophy and Religion/Theology	1,230	2	844	2	353	1	33	a
Physical Sciences	6,062	8	4,273	10	1,200	4	589	8
Psychology	3,210	4	1,780	4	1,133	4	297	4
Security and Protective Services/ Public Administration and Services	767	1	350	1	298	1	119	2
Social Sciences and History	6,532	8	3,991	9	2,252	8	289	4
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	4,516	6	3,249	8	1,123	4	144	2
Other	1,874	2	1,439	3	392	1	43	1
Total <sup>3</sup>	79,378	100	42,931	100	28,902	100	7,545	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, 2010; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

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  
2009-10

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	120	a	66	a	53	1%	1	a
Business	3,014	9%	582	4%	1,433	17	999	11%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	776	2	387	2	177	2	212	2
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,826	5	444	3	456	5	926	10
Engineering	1,854	5	628	4	715	8	511	6
Foreign Languages, Literature and Linguistics	1,659	5	1,164	7	396	5	99	1
Health Professions and Related Clinical Sciences	4,604	14	470	3	914	11	3,220	35
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	874	3	--	--	9	a	865	9
English Language and Literature/Letters	3,070	9	2,224	14	742	9	104	1
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	409	1	6	a	4	a	399	4
Biological and Biomedical Sciences	1,126	3	794	5	273	3	59	1
Mathematics and Statistics	2,041	6	1,604	10	354	4	83	1
Military Technologies	15	a	7	a	8	a	--	--
Multi/Interdisciplinary Studies	1,392	4	831	5	434	5	127	1
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	718	2	470	3	196	2	52	1
Physical Sciences	2,516	7	2,107	13	172	2	237	3
Psychology	1,705	5	1,079	7	417	5	209	2
Security and Protective Services/ Public Administration and Services	1,387	4	146	1	377	4	864	9
Social Sciences and History	3,679	11	2,377	15	1,113	13	189	2
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	1,120	3	863	5	172	2	85	1
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	33,905	100	16,250	100	8,414	100	9,241	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, 2010; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 3D

TEMPLE UNIVERSITY  
 NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2009-10

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	43	a	11	a	29	a	3	a
Architecture and Related Services	387	1%	136	1%	215	1%	36	a
Area, Ethnic, Cultural and Gender Studies	651	2	262	2	358	2	31	a
Business	4,606	13	1,019	8	2,979	20	608	8%
Communications	1,642	5	578	5	994	7	70	1
Computer and Information Sciences and Support Services	496	1	212	2	255	2	29	a
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,881	5	354	3	852	6	675	9
Engineering	687	2	235	2	394	3	58	1
Foreign Languages, Literature and Linguistics	1,299	4	650	5	619	4	30	a
Health Professions and Related Clinical Sciences	3,974	11	215	2	846	6	2,913	40
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	1,688	5	174	1	189	1	1,325	18
English Language and Literature/Letters	1,596	5	1,038	9	515	3	43	1
Liberal Arts and Sciences, General Studies and Humanities	1,181	3	858	7	301	2	22	a
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	721	2	217	2	466	3	38	1
Mathematics and Statistics	1,739	5	1,083	9	578	4	78	1
Military Technologies	11	a	7	a	4	a	--	--
Multi/Interdisciplinary Studies	29	a	12	a	16	a	1	a
Parks, Recreation, Leisure and Fitness Studies	649	2	190	2	423	3	36	a
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	779	2	352	3	384	3	43	1
Physical Sciences	1,694	5	908	7	689	5	97	1
Psychology	1,167	3	450	4	560	4	157	2
Security and Protective Services/ Public Administration and Services	1,162	3	208	2	494	3	460	6
Social Sciences and History	3,677	11	1,768	15	1,722	11	187	3
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	2,906	8	1,236	10	1,384	9	286	4
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	34,665	100	12,175	100	15,266	100	7,224	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, 2010; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

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  
2009-10

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	192	a	160	a	27	a	5	a
Architecture and Related Services	27	a	4	a	15	a	8	a
Area, Ethnic, Cultural and Gender Studies	599	1%	318	1%	278	1%	3	a
Business	8,046	7	2,578	4	4,719	14	749	6%
Communications	3,929	4	2,536	4	1,201	4	192	2
Computer and Information Sciences and Support Services	2,307	2	1,749	3	481	1	77	1
Personal and Culinary Services	510	a	430	a	80	a	--	--
Education	15,536	14	3,780	6	6,703	20	5,053	42
Engineering	546	1	221	a	215	1	110	1
Foreign Languages, Literature and Linguistics	2,845	3	2,446	4	335	1	64	1
Health Professions and Related Clinical Sciences	5,223	5	1,446	2	2,398	7	1,379	12
Family and Consumer Sciences/ Human Sciences	655	1	313	a	308	1	34	a
Technology Education/Industrial Arts	391	a	143	a	167	1	81	1
Legal Professions and Studies	381	a	188	a	86	a	107	1
English Language and Literature/Letters	8,416	8	6,533	10	1,637	5	246	2
Liberal Arts and Sciences, General Studies and Humanities	542	1	283	a	226	1	33	a
Library Science	543	1	39	a	98	a	406	3
Biological and Biomedical Sciences	4,889	4	3,762	6	993	3	134	1
Mathematics and Statistics	6,160	6	5,398	8	651	2	111	1
Military Technologies	157	a	123	a	34	a	--	--
Multi/Interdisciplinary Studies	1,819	2	976	2	775	2	68	1
Parks, Recreation, Leisure and Fitness Studies	3,973	4	1,515	2	1,510	5	948	8
Personal and Social Development	1,079	1	1,046	2	28	a	5	a
Philosophy and Religion/Theology	2,087	2	1,736	3	319	1	32	a
Physical Sciences	5,920	5	5,141	8	738	2	41	a
Psychology	6,403	6	3,806	6	1,885	6	712	6
Security and Protective Services/ Public Administration and Services	3,207	3	1,097	2	1,578	5	532	4
Social Sciences and History	14,421	13	10,609	17	3,368	10	444	4
Trade and Industrial	2	a	2	a	--	--	--	--
Visual and Performing Arts	7,385	7	5,342	8	1,897	6	146	1
Other	1,856	2	732	1	883	3	241	2
Total <sup>3</sup>	110,042	100	64,428	100	33,647	100	11,967	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, 2010; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 4

DEGREES CONFERRED<sup>1</sup>  
2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

University	Total				Bachelor's				Graduate <sup>2</sup>			
	Degrees	One-year change	Percentage change One-year	Percentage change Five-year average	Degrees	One-year change	Percentage change One-year	Percentage change Five-year average	Degrees	One-year change	Percentage change One-year	Percentage change Five-year average
State-related												
Lincoln	486	24	5%	6%	269	12	5%	2%	217	12	6%	14%
Penn State	17,772	1,874	12	3	14,502	1,779	14	2	3,270	95	3	4
Pittsburgh	7,924	231	3	1	4,956	68	1	a	2,968	163	6	3
Temple	8,007	304	4	3	5,613	240	4	6	2,394	64	3	-1
Total	34,189	2,433	8	2	25,340	2,099	9	3	8,849	334	4	2
State-owned												
Bloomsburg	1,977	88	5	3	1,634	69	4	3	343	19	6	a
California	2,268	127	6	14	1,428	131	10	9	840	-4	a	26
Cheyney	193	-65	-25	a	153	-25	-14	2	40	-40	-50	-4
Clarion	1,327	126	10	2	928	85	10	-2	399	41	11	19
East Stroudsburg	1,527	-64	-4	3	1,207	-65	-5	3	320	1	a	1
Edinboro	1,581	95	6	3	1,034	-39	-4	-2	547	134	32	33
Indiana	2,858	-20	-1	3	1,957	-122	-6	a	901	102	13	12
Kutztown	2,092	38	2	6	1,819	66	4	6	273	-28	-9	2
Lock Haven	828	-25	-3	2	717	-60	-8	1	111	35	46	14
Mansfield	702	-2	a	a	566	12	2	a	136	-14	-9	5
Millersville	1,718	101	6	2	1,468	80	6	1	250	21	9	2
Shippensburg	1,660	3	a	-1	1,271	-21	-2	-2	389	24	7	3
Slippery Rock	1,841	-132	-7	4	1,547	-107	-6	4	294	-25	-8	4
West Chester	2,941	-12	a	5	2,314	-30	-1	5	627	18	3	4
Total	23,513	258	1	3	18,043	-26	a	2	5,470	284	5	9
All universities	57,702	2,691	5	3	43,383	2,073	5	2	14,319	618	5	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, 2005 to 2010.



Table 5

NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY  
FALL 2009, AND PERCENTAGE CHANGE FROM FALL 2008

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	107	11.4	-2%	1.2	-14%	20.1	-4%	9.3	21%	10.7	-3%	52.7	a
Penn State	3,918	6.6	-1	1.5	-6	19.1	1	17.4	1	6.4	0	51.1	a
Pittsburgh	3,584	4.8	2	2.7	4	13.4	2	22.2	0	9.3	1	52.3	1%
Temple	1,323	5.6	0	3.3	3	18.6	-1	14.5	1	10.0	-3	52.1	a
Total	8,932	6.0	0	2.2	5	17.5	1	18.0	-1	7.9	0	51.6	a
<b>State-owned</b>													
Bloomsburg	417	11.0	-3	1.0	0	17.6	0	9.7	0	17.0	-1	56.3	-1
California	285	9.1	-3	1.5	25	15.8	3	5.9	4	17.7	11	50.1	5
Cheyney	79	11.8	3	7.2	800	14.6	-6	7.0	6	13.7	-8	54.2	10
Clarion	257	10.4	-4	1.2	9	20.4	-4	7.2	-1	12.5	-9	51.8	-4
East Stroudsburg	329	12.0	1	1.7	0	18.7	-2	8.1	-9	15.8	-6	56.3	-4
Edinboro	358	10.1	1	2.0	0	16.3	8	8.2	0	14.8	-10	51.4	-1
Indiana	703	9.3	1	1.6	-6	18.4	1	9.1	-7	19.8	1	58.2	-1
Kutztown	470	11.4	1	1.0	25	17.3	5	8.0	1	15.6	-3	53.3	2
Lock Haven	264	11.1	0	0.5	67	18.9	1	6.7	6	17.8	5	55.0	3
Mansfield	173	7.7	1	0.3	0	22.2	7	8.6	-2	12.1	1	50.9	3
Millersville	320	10.3	0	0.9	0	15.8	-5	8.4	-1	17.2	-4	52.6	-3
Shippensburg	323	9.3	-1	0.9	0	18.2	4	8.3	-7	16.4	-7	53.0	-2
Slippery Rock	381	10.8	0	1.1	0	18.0	-1	8.6	-1	15.6	-8	54.2	-3
West Chester	612	9.9	3	1.9	0	17.0	3	11.9	-2	17.4	-3	58.1	a
Total	4,971	10.2	0	1.3	8	17.9	2	8.8	-2	16.5	-3	54.7	-1
All universities	13,903	7.5	0	1.8	0	17.7	1	14.6	-1	11.1	-1	52.8	0

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, 2009 and 2010.

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK<sup>1</sup>  
2009-10  
(Dollars in thousands)

University	FTE instructional faculty		Average instructional salary		Professor		Associate professor		Assistant professor		Instructor		No rank <sup>2</sup>	
	Number	Percentage change	Amount	Percentage change	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty
		2008-09 to 2009-10		2008-09 to 2009-10										
State-related														
Lincoln	167	-5%	\$44.4	7%	\$69.2	19%	\$59.9	20%	\$39.1	28%	\$19.6	21%	\$34.0	12%
Penn State	4,394	a	67.7	a	113.8	18	84.2	18	69.3	17	41.1	20	46.0	27
Pittsburgh	2,075	2	58.7	-2	103.6	17	66.3	20	53.3	20	31.0	17	46.9	26
Temple	1,854	1	62.4	4	115.4	17	81.8	17	54.3	26	37.5	24	35.5	16
Total	8,490	1	63.9	a	110.8	17	78.5	18	60.3	20	37.6	20	44.5	25
State-owned														
Bloomsburg	457	5	68.8	2	92.3	26	75.4	22	58.3	36	45.0	16	0	a
California	316	-1	72.7	-2	92.5	26	72.2	28	65.1	31	52.3	14	72.1	1
Cheyney	99	1	75.7	21	113.5	18	87.4	21	63.5	38	55.4	23	na	na
Clarion	342	4	70.4	3	90.6	29	74.9	23	65.3	23	46.5	25	na	na
East Stroudsburg	378	2	68.9	3	91.3	28	73.6	23	60.1	29	45.4	20	na	na
Edinboro	394	3	70.2	a	92.0	30	72.9	24	61.9	28	44.2	18	43.9	a
Indiana	720	a	73.5	7	95.1	30	77.0	28	60.6	30	45.7	10	41.0	2
Kutztown	478	3	66.0	2	93.4	21	73.3	23	56.5	41	42.5	15	0	a
Lock Haven	287	-5	64.0	--	87.0	17	65.5	28	58.9	39	49.4	16	na	na
Mansfield	175	-2	70.1	4	101.3	19	78.3	23	63.2	34	49.6	23	0	1
Millersville	417	-1	71.3	6	94.7	28	76.6	27	59.0	30	41.9	15	na	na
Shippensburg	371	-1	72.4	4	93.6	27	74.6	30	60.3	35	41.7	8	na	na
Slippery Rock	398	1	70.9	5	93.9	24	71.7	28	61.9	34	51.5	14	31.2	a
West Chester	716	2	65.9	4	92.3	24	76.6	22	63.0	22	41.8	32	30.8	a
Total	5,548	1	69.7	4	93.3	26	74.5	25	60.7	31	45.3	18	38.5	a
All universities	14,038	1	66.2	2	102.1	21	76.6	21	60.5	24	40.4	19	44.5	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, 2009 and 2010.

Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL <sup>1</sup>  
2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

University	Undergraduate						Master's					
	Lower division	Percentage change		Upper division	Percentage change		Total under-graduate	Percentage change		Total master's	Percentage change	
		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average
State-related												
Lincoln	\$2,809	2%	-1%	\$4,104	-3%	-3%	\$3,119	1%	-2%	\$1,920	-11%	-1%
Penn State	2,019	-2	a	3,873	-3	1	2,765	-2	a	7,693	13	7
Pittsburgh	2,106	-8	a	3,802	-6	-1	2,685	-7	a	5,422	a	-5
Temple	2,146	2	2	3,319	1	2	2,798	2	2	5,281	-1	3
Total	2,077	-3	a	3,704	-3	1	2,762	-2	1	5,771	3	a
State-owned												
Bloomsburg	2,618	a	2	4,925	a	2	3,253	-1	2	4,432	-2	2
California	2,097	-8	a	3,324	-5	a	2,620	-6	1	2,433	-15	-4
Cheyney	3,377	-7	4	8,636	69	15	4,892	21	9	12,079	119	36
Clarion	2,891	6	3	5,306	-1	1	3,610	4	2	4,638	-5	-3
East Stroudsburg	2,633	-1	2	5,880	3	2	3,673	a	3	4,238	3	3
Edinboro	2,828	-6	3	5,290	-4	1	3,778	-6	3	4,447	-1	-4
Indiana	2,526	3	3	5,408	6	4	3,384	4	3	5,989	13	3
Kutztown	2,009	4	a	4,818	-1	1	3,072	2	2	5,506	a	4
Lock Haven	3,047	37	8	4,838	-2	2	3,521	19	5	3,636	-5	-1
Mansfield	2,811	-4	3	5,211	6	2	3,813	1	2	2,992	-40	19
Millersville	2,994	1	3	4,675	1	2	3,628	1	3	4,209	1	6
Shippensburg	2,778	-1	3	4,995	-2	7	3,464	-1	4	4,818	5	-2
Slippery Rock	2,782	2	2	4,107	5	1	3,284	4	2	4,027	-2	-3
West Chester	2,661	-1	2	4,424	2	2	3,323	a	2	5,343	4	4
Total	2,646	3	3	4,817	2	2	3,393	2	3	4,436	a	1
All universities	2,342	a	1	4,135	-1	2	3,037	a	2	5,156	1	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, 2005 to 2010.

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

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.

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  
 2009-10

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$2,618	\$3,750	\$3,372	\$12,297	--	\$18,467
Architecture and Related Services	4,092	6,293	5,370	28,464	--	--
Area, Ethnic, Cultural and Gender Studies	2,538	4,518	3,271	7,598	--	17,113
Business	1,835	4,107	3,405	5,983	--	35,253
Communications	1,782	4,190	2,651	8,905	--	18,568
Computer and Information Sciences and Support Services	3,794	4,797	4,262	9,132	--	22,023
Personal and Culinary Services	--	--	--	--	--	--
Education	3,435	4,848	4,473	4,443	--	13,671
Engineering	3,403	4,013	3,810	12,217	--	21,027
Foreign Languages, Literature and Linguistics	2,438	3,416	2,693	3,690	--	11,506
Health Professions and Related Clinical Sciences	3,344	3,838	3,684	6,468	--	22,344
Family and Consumer Sciences/ Human Sciences	926	3,148	2,010	4,308	--	16,283
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	18,101	\$7,513	--
English Language and Literature/Letters	2,838	3,347	3,032	14,086	--	20,934
Liberal Arts and Sciences, General Studies and Humanities	3,297	7,352	4,801	13,372	--	--
Library Science	--	2,459	2,459	--	--	--
Biological and Biomedical Sciences	1,556	3,182	2,028	7,947	--	18,053
Mathematics and Statistics	1,972	3,798	2,148	4,634	--	16,411
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	4,568	4,039	4,337	16,647	--	31,925
Parks, Recreation, Leisure and Fitness Studies	1,526	2,933	2,431	10,596	--	22,530
Personal and Social Development	7,948	16,809	9,118	--	--	--
Philosophy and Religion/Theology	2,256	2,810	2,419	12,526	--	17,566
Physical Sciences	1,945	3,284	2,238	11,469	--	17,879
Psychology	1,025	4,353	2,319	6,917	--	14,164
Security and Protective Services/ Public Administration and Services	2,409	6,086	4,101	8,950	--	26,610
Social Sciences and History	1,380	3,052	1,983	9,569	--	20,727
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	1,719	5,171	2,606	14,322	--	18,564
Other	1,671	3,762	2,119	--	--	29,139
<b>Total</b>	<b>2,022</b>	<b>3,880</b>	<b>2,770</b>	<b>7,693</b>	<b>7,513</b>	<b>18,729</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, 2010; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

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  
 2009-10

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	\$2,218	\$3,973	\$2,998	\$8,433	--	--
Business	2,461	3,230	3,008	3,880	--	\$30,645
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	2,989	5,835	3,881	8,826	--	18,993
Personal and Culinary Services	--	--	--	--	--	--
Education	1,816	3,865	2,855	4,769	--	11,425
Engineering	2,974	4,256	3,656	7,380	--	22,447
Foreign Languages, Literature and Linguistics	2,752	3,351	2,904	8,105	--	17,718
Health Professions and Related Clinical Sciences	2,243	2,900	2,677	4,367	\$4,217	13,403
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	1,665	1,665	37,631	2,699	--
English Language and Literature/Letters	2,474	3,568	2,748	5,238	--	14,726
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	5,000	2,923	4,176	2,890	--	21,901
Biological and Biomedical Sciences	2,171	5,659	3,063	12,667	--	36,584
Mathematics and Statistics	2,097	3,868	2,417	8,580	--	15,811
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	410	3,469	1,460	10,455	--	47,523
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,602	3,897	2,983	20,572	--	28,226
Physical Sciences	1,890	9,005	2,427	10,667	--	11,939
Psychology	1,076	3,154	1,655	5,072	--	15,441
Security and Protective Services/ Public Administration and Services	2,024	2,984	2,716	3,776	--	11,429
Social Sciences and History	2,091	4,121	2,739	11,774	--	22,635
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,279	5,299	2,779	9,120	--	29,172
Other	--	--	--	--	--	--
Total	2,107	3,806	2,687	5,422	3,652	16,580

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

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  
 2009-10

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$3,100	\$3,369	\$3,293	\$3,475	--	--
Architecture and Related Services	2,097	4,389	3,504	6,483	--	--
Area, Ethnic, Cultural and Gender Studies	1,550	2,209	1,930	11,037	--	\$17,252
Business	1,844	3,200	2,854	5,150	\$2,453	12,693
Communications	1,908	3,285	2,778	8,367	--	14,294
Computer and Information Sciences and Support Services	3,549	6,009	4,893	19,490	--	29,615
Personal and Culinary Services	--	--	--	--	--	--
Education	3,427	3,604	3,552	3,501	--	7,451
Engineering	2,950	4,350	3,826	8,721	--	10,207
Foreign Languages, Literature and Linguistics	2,153	2,873	2,504	5,446	--	14,607
Health Professions and Related Clinical Sciences	2,117	3,585	3,288	4,019	3,097	2,911
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	1,867	2,601	2,249	4,978	5,606	--
English Language and Literature/Letters	2,631	2,982	2,747	9,747	--	19,195
Liberal Arts and Sciences, General Studies and Humanities	2,001	2,084	2,022	2,704	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	2,546	4,176	3,658	5,508	--	17,896
Mathematics and Statistics	1,677	2,884	2,097	3,893	--	28,014
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	3,106	9,848	6,928	--	--	28,700
Parks, Recreation, Leisure and Fitness Studies	1,297	2,428	2,077	6,339	--	17,046
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	1,958	3,034	2,520	12,034	--	17,195
Physical Sciences	2,205	3,625	2,818	6,865	--	24,451
Psychology	1,455	3,367	2,515	10,171	--	17,294
Security and Protective Services/ Public Administration and Services	2,362	2,419	2,402	3,153	--	20,798
Social Sciences and History	1,759	2,848	2,296	6,799	--	13,012
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,858	4,192	3,563	10,298	--	17,931
Other	--	--	--	--	--	--
Total	2,147	3,319	2,800	5,282	3,997	10,449

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

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  
 2009-10

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional	Doctor's <sup>2</sup>
Agriculture	\$2,257	\$5,481	\$2,722	\$6,282	--	--
Architecture and Related Services	1,732	6,233	5,285	5,930	--	--
Area, Ethnic, Cultural and Gender Studies	2,824	4,023	3,383	11,637	--	--
Business	2,555	3,807	3,365	4,167	--	\$2,952
Communications	2,759	4,806	3,417	5,820	--	3,000
Computer and Information Sciences and Support Services	3,333	6,376	3,989	8,913	--	--
Personal and Culinary Services	--	--	--	--	--	--
Education	2,285	4,821	3,907	3,439	--	6,985
Engineering	3,176	6,919	5,022	3,904	--	--
Foreign Languages, Literature and Linguistics	3,184	6,559	3,591	7,296	--	8,926
Health Professions and Related Clinical Sciences	3,214	5,136	4,413	5,461	--	4,643
Family and Consumer Sciences/ Human Sciences	1,938	3,512	2,719	8,251	--	1,348
Technology Education/Industrial Arts	6,587	6,061	6,304	2,438	--	--
Legal Professions and Studies	2,507	2,376	2,466	1,946	--	--
English Language and Literature/Letters	3,048	4,694	3,377	6,932	--	13,508
Liberal Arts and Sciences, General Studies and Humanities	4,667	5,816	5,178	7,405	--	--
Library Science	3,007	4,404	4,006	3,428	--	--
Biological and Biomedical Sciences	2,577	7,642	3,634	13,521	--	44,245
Mathematics and Statistics	2,639	4,827	2,875	6,076	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	2,991	4,066	3,467	5,134	--	--
Parks, Recreation, Leisure and Fitness Studies	2,306	3,730	3,017	2,506	--	14,801
Personal and Social Development	2,871	1,986	2,848	3,375	--	5,248
Philosophy and Religion/Theology	2,428	4,807	2,797	6,158	--	7,068
Physical Sciences	3,043	9,241	3,821	18,035	--	--
Psychology	2,022	4,272	2,767	5,372	--	10,997
Security and Protective Services/ Public Administration and Services	2,056	3,425	2,864	4,436	--	8,651
Social Sciences and History	2,025	4,324	2,579	8,395	--	10,182
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	3,139	8,013	4,417	12,870	--	26,647
Other	2,406	2,439	2,424	4,294	--	--
Total	2,646	4,818	3,393	4,436	--	7,585

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



Table 9

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL <sup>1</sup>  
2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

University	Undergraduate											
	Lower division			Upper division			Total undergraduate			Master's		
	Class size	Percentage change		Class size	Percentage change		Class size	Percentage change		Class size	Percentage change	
One-year		Five-year average	One-year		Five-year average	One-year		Five-year average	One-year		Five-year average	
State-related												
Lincoln	25	4%	2%	18	6%	4%	23	5%	2%	17	13%	4%
Penn State	31	0	1	26	0	0	29	0	1	14	0	0
Pittsburgh	31	3	1	25	4	1	28	0	1	18	6	1
Temple	30	3	0	25	4	2	27	0	1	14	0	0
Total	31	3	1	26	4	1	28	0	1	16	7	1
State-owned												
Bloomsburg	31	3	1	18	0	-1	26	0	0	12	0	-2
California	36	16	3	24	9	4	29	7	3	23	15	7
Cheyney	39	56	11	15	-25	3	27	17	6	8	-33	-7
Clarion	32	-3	-1	17	6	3	26	0	1	14	8	5
East Stroudsburg	30	0	1	21	0	8	27	0	3	17	6	6
Edinboro	29	4	1	22	0	9	26	4	5	17	13	18
Indiana	35	3	1	18	0	3	28	4	2	13	0	2
Kutztown	35	-3	2	18	6	1	26	0	1	11	0	-3
Lock Haven	28	-7	-1	20	54	0	25	14	-1	25	92	6
Mansfield	29	16	2	15	-6	-4	21	0	-2	19	6	0
Millersville	30	3	1	23	5	1	27	4	2	16	7	0
Shippensburg	31	3	1	22	16	-2	28	8	0	14	0	-1
Slippery Rock	33	0	0	21	0	3	27	0	1	16	14	9
West Chester	29	7	2	17	0	0	23	5	1	12	0	0
Total	32	3	1	19	0	1	26	4	2	15	7	3
All universities	31	3	1	23	5	2	27	0	1	15	0	1

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, 2005 to 2010.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE  
2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

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	\$8,222	11%	6%	\$12,966	9%	6%	\$9,939	7%	5%	\$16,883	7%	5%
Penn State <sup>2</sup>	14,416	12	11	25,946	9	8	16,258	12	11	28,210	10	8
Pittsburgh <sup>2</sup>	14,154	10	11	23,852	7	6	17,092	10	8	29,384	7	5
Temple	11,764	9	7	21,634	12	8	14,850	10	8	21,254	9	7
Average	12,139	10	9	21,100	9	7	14,535	10	8	23,933	8	6
State-owned												
Bloomsburg	7,110	7	4	15,546	7	4	8,267	7	5	12,371	7	5
California	7,676	12	6	11,114	11	-3	9,037	11	6	13,141	10	6
Cheyney	7,360	15	7	15,796	11	6	7,642	11	5	11,746	10	5
Clarion	7,380	8	5	13,038	7	8	8,780	9	6	12,884	9	6
East Stroudsburg	7,394	9	5	15,830	8	4	8,312	9	5	12,416	8	5
Edinboro	7,316	8	5	10,198	8	4	8,872	8	6	12,976	8	5
Indiana	7,209	8	5	15,645	8	5	8,284	10	6	12,388	9	5
Kutztown	7,397	8	6	15,833	7	5	8,092	7	4	12,196	7	4
Lock Haven	7,201	8	5	13,637	9	5	8,654	6	4	12,758	7	4
Mansfield	7,756	11	6	16,190	9	5	8,054	7	4	12,158	7	4
Millersville	7,147	8	5	15,563	7	4	8,245	8	5	12,349	8	5
Shippensburg	7,444	9	6	15,880	8	5	7,994	9	5	12,098	9	5
Slippery Rock	7,235	8	5	10,116	8	-4	8,850	8	5	13,554	8	5
West Chester	7,211	8	5	15,647	8	5	8,201	11	5	12,305	10	5
Average	7,345	9	5	14,288	8	4	8,377	9	5	12,524	8	5

1. Excludes first-professional level.

2. Main campus data only.

SOURCE: Data provided by the Pennsylvania Department of Education, *College and University Basic Student Charges*, 2005 to 2010.

Table 11

TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
 2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

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	\$27,996	-2%	11%	\$10,800	\$-530	-5%	3%
Penn State	1,318,992	9	11	16,620	1,200	8	8
Pittsburgh	568,989	7	9	16,780	600	4	6
Temple	547,206	7	9	15,790	520	3	6
Total	2,463,183	8	10	16,360	880	6	7
<b>State-owned</b>							
Bloomsburg	73,962	15	8	7,980	510	7	4
California	67,749	12	15	7,620	390	5	5
Cheyney	12,009	-1	4	8,520	260	3	7
Clarion	49,372	8	6	7,620	280	4	4
East Stroudsburg	62,185	8	8	8,960	350	4	5
Edinboro	56,556	15	5	7,950	470	6	4
Indiana	110,167	7	5	7,750	350	5	4
Kutztown	74,971	7	7	7,680	270	4	3
Lock Haven	39,579	6	5	7,580	770	11	3
Mansfield	25,973	9	3	7,940	340	4	3
Millersville	61,922	7	4	7,670	220	3	4
Shippensburg	56,859	9	6	7,580	380	5	4
Slippery Rock	63,476	7	6	7,380	290	4	4
West Chester	110,471	12	7	8,320	450	6	4
Total	865,251	9	7	7,860	380	5	4
All universities	3,328,434	8	9	12,770	630	5	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, 2005 to 2010; FTE students - data provided by the individual universities, 2005 to 2010.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

University	<u>Total instructional appropriations</u>			<u>Instructional appropriations per FTE student</u>			
	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	\$13,623	0%	2%	\$5,250	\$-140	-3%	-4%
Penn State	263,885	-1	2	3,320	-100	-3	-1
Pittsburgh	156,770	0	1	4,620	-150	-3	-1
Temple	164,974	a	-1	4,760	-150	-3	-3
Total	599,252	-1	1	3,990	-110	-3	-1
<b>State-owned</b>							
Bloomsburg	33,544	-8	a	3,620	-610	-14	-3
California	32,674	-8	3	3,680	-530	-13	-3
Cheyney	14,118	-8	1	10,020	-390	-4	3
Clarion	25,698	-6	-2	3,970	-450	-10	-3
East Stroudsburg	24,761	-5	2	3,570	-300	-8	-1
Edinboro	25,628	-9	-2	3,600	-700	-16	-3
Indiana	55,559	-10	a	3,910	-500	-11	-1
Kutztown	37,748	-8	2	3,870	-430	-10	a
Lock Haven	21,482	-6	1	4,110	-90	-2	a
Mansfield	18,162	-4	2	5,550	-530	-9	2
Millersville	33,784	-9	-1	4,180	-570	-12	-2
Shippensburg	30,520	-6	-1	4,070	-420	-9	-2
Slippery Rock	35,942	-5	2	4,180	-340	-8	a
West Chester	49,488	-7	1	3,730	-490	-12	-2
Total <sup>2</sup>	439,108	-7	a	3,990	-480	-11	-2
All universities <sup>2</sup>	1,038,360	-3	1	3,990	-260	-6	-1

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

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

a. Rounds to less than 1 percent.

SOURCE: Instructional appropriations - *Governor's Executive Budget*, 2006-07 to 2010-11; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2005 to 2010. FTE students - data provided by the individual universities, 2005 to 2010.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID  
RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2009-10, CHANGE FROM 2008-09 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2004-05 to 2009-10)

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	\$10,800	\$5,250	\$16,050	33%	3%	-4%	\$661
Penn State	16,620	3,320	19,940	17	-6	-5	735
Pittsburgh	16,780	4,620	21,400	22	-4	-4	628
Temple	15,790	4,760	20,550	23	-4	-5	696
Total	16,360	3,990	20,350	20	-5	-5	700
State-owned							
Bloomsburg	7,980	3,620	11,600	31	-14	-4	810
California	7,620	3,680	11,300	33	-11	-4	822
Cheyney	8,520	10,020	18,540	54	-4	-1	1,027
Clarion	7,620	3,970	11,590	34	-11	-4	1,012
East Stroudsburg	8,960	3,570	12,530	28	-10	-4	504
Edinboro	7,950	3,600	11,550	31	-16	-4	1,003
Indiana	7,750	3,910	11,660	34	-8	-3	1,004
Kutztown	7,680	3,870	11,550	34	-8	-2	795
Lock Haven	7,580	4,110	11,690	35	-8	-2	1,010
Mansfield	7,940	5,550	13,490	41	-7	a	1,053
Millersville	7,670	4,180	11,850	35	-10	-3	755
Shippensburg	7,580	4,070	11,650	35	-8	-3	725
Slippery Rock	7,380	4,180	11,560	36	-8	-2	958
West Chester	8,320	3,730	12,050	31	-11	-3	574
Total <sup>3</sup>	7,860	3,990	11,850	34	-8	-3	832
All universities <sup>3</sup>	12,770	3,990	16,760	24	-8	-4	756

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

2. Includes grants and matching funds. Does not include student loans.

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

a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues- data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2005 to 2010; instructional appropriations - *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, 2005 to 2010; FTE students - data provided by the individual universities, 2005 to 2010; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, January 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>  
2004-05 to 2009-10

University	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<b>State-related</b>						
Lincoln						
Total	1,963	2,153	2,330	2,496	2,527	2,593
Undergraduate	1,533	1,664	1,801	1,980	1,987	2,030
Graduate	430	489	529	516	540	563
Penn State						
Total	70,683	69,948	73,642	75,250	78,174	79,378
Undergraduate	63,515	63,049	66,698	68,404	70,584	71,833
Graduate	7,168	6,899	6,944	6,846	7,590	7,545
Pittsburgh						
Total	30,471	30,599	31,524	31,921	32,835	33,905
Undergraduate	22,550	22,646	23,019	23,309	23,857	24,664
Graduate	7,921	7,953	8,505	8,612	8,978	9,241
Temple						
Total	30,656	30,775	31,448	32,669	33,630	34,665
Undergraduate	22,941	24,024	24,755	25,779	26,572	27,441
Graduate	7,715	6,751	6,693	6,890	7,058	7,224
<b>State-owned</b>						
Bloomsburg						
Total	8,067	8,238	8,394	8,456	8,615	9,271
Undergraduate	7,404	7,580	7,698	7,781	7,953	8,482
Graduate	663	658	696	675	662	789
California						
Total	6,358	7,141	7,703	8,104	8,396	8,891
Undergraduate	5,209	5,870	6,301	6,599	6,863	7,137
Graduate	1,149	1,271	1,402	1,505	1,533	1,754
Cheyney						
Total	1,548	1,703	1,743	1,496	1,471	1,409
Undergraduate	1,430	1,486	1,575	1,369	1,360	1,331
Graduate	118	217	168	127	111	78
Clarion						
Total	5,965	5,860	6,012	6,117	6,216	6,478
Undergraduate	5,585	5,451	5,535	5,523	5,540	5,769
Graduate	380	409	477	594	676	709
East Stroudsburg						
Total	6,082	6,237	6,484	6,593	6,700	6,941
Undergraduate	5,313	5,492	5,782	5,868	5,996	6,148
Graduate	769	745	702	725	704	793
Edinboro						
Total	6,877	6,707	6,607	6,600	6,581	7,118
Undergraduate	6,302	6,049	5,933	5,824	5,665	5,995
Graduate	575	658	674	776	916	1,123
Indiana						
Total	13,442	13,594	13,686	13,978	13,943	14,218
Undergraduate	12,083	12,063	12,022	12,255	12,198	12,524
Graduate	1,359	1,531	1,664	1,723	1,745	1,694
Kutztown						
Total	8,605	8,899	9,225	9,413	9,494	9,759
Undergraduate	8,018	8,310	8,626	8,810	8,898	9,121
Graduate	587	589	599	603	596	638
Lock Haven						
Total	4,868	5,958	5,367	5,416	5,466	5,223
Undergraduate	4,556	5,275	5,075	5,124	5,148	4,930
Graduate	312	683	292	292	318	293
Mansfield						
Total	3,260	3,139	3,119	3,079	3,122	3,273
Undergraduate	2,979	2,877	2,880	2,852	2,887	3,002
Graduate	281	262	239	227	235	271
Millersville						
Total	7,851	7,707	7,936	7,932	7,794	8,075
Undergraduate	6,889	6,795	7,016	7,074	6,988	7,287
Graduate	962	912	920	858	806	788
Shippensburg						
Total	6,985	6,865	6,888	7,045	7,215	7,506
Undergraduate	6,418	6,303	6,299	6,433	6,579	6,826
Graduate	567	562	589	612	636	680
Slippery Rock						
Total	7,718	7,892	8,029	8,192	8,362	8,601
Undergraduate	7,114	7,294	7,392	7,493	7,594	7,781
Graduate	604	598	637	699	768	820
West Chester						
Total	11,701	12,272	11,851	12,301	12,543	13,279
Undergraduate	10,350	10,921	10,544	10,922	11,101	11,742
Graduate	1,351	1,351	1,307	1,379	1,442	1,537

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, 2005 to 2010.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
 TOTAL YEAR AND SUMMER 2004-05 to 2009-10  
 (in thousands)

University	Total year							Summer			
	Lower division	Upper division	Total under-graduate	Master's	First professional	Doctor's	Total graduate	Grand total	Total under-graduate	Total graduate	Grand total
State-related											
Lincoln											
2004-05	35	11	46	10	na	na	10	56	1	1	2
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
Penn State											
2004-05	1,124	782	1,906	71	na	101	172	2,078	102	25	127
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
Pittsburgh											
2004-05	449	228	677	118	54	18	190	867	38	30	68
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
Temple											
2004-05	321	367	688	77	87	21	185	873	55	22	77
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
State-owned											
Bloomsburg											
2004-05	158	64	222	15	na	1	16	238	15	5	20
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
California											
2004-05	98	58	156	28	na	na	28	184	7	9	16
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
Cheyney											
2004-05	33	10	43	3	na	na	3	46	2	a	2
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
Clarion											
2004-05	118	50	168	9	na	na	9	177	10	2	12
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
East Stroudsburg											
2004-05	110	49	159	18	na	na	18	177	9	6	15
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

Edinboro											
2004-05	128	61	189	14	na	na	14	203	11	2	13
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
Indiana											
2004-05	255	108	363	24	na	9	33	396	23	9	32
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
Kutztown											
2004-05	159	81	240	14	na	na	14	254	8	4	12
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
Lock Haven											
2004-05	96	40	136	7	na	na	7	143	8	2	10
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
Mansfield											
2004-05	51	38	89	7	na	na	7	96	4	5	9
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
Millersville											
2004-05	131	76	207	23	na	na	23	230	12	13	25
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
Shippensburg											
2004-05	128	64	192	14	na	na	14	206	9	4	13
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
Slippery Rock											
2004-05	148	66	214	10	na	4	14	228	13	3	16
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
West Chester											
2004-05	199	111	310	32	na	na	32	342	24	8	32
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

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, 2005 to 2010.

Historical Table 3

DEGREES CONFERRED <sup>1</sup>  
2004-05 to 2009-10

University	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<b>State-related</b>						
Lincoln						
Total	368	453	420	440	462	486
Bachelor's	240	256	229	227	257	269
Graduate	128	197	191	213	205	217
Penn State						
Total	15,746	15,712	15,694	15,502	15,898	17,772
Bachelor's	12,983	12,740	12,732	12,445	12,723	14,502
Graduate	2,763	2,972	2,962	3,057	3,175	3,270
Pittsburgh						
Total	7,565	7,704	7,437	7,723	7,693	7,924
Bachelor's	4,936	4,996	4,724	4,853	4,888	4,956
Graduate	2,629	2,708	2,713	2,870	2,805	2,968
Temple						
Total	6,859	7,328	7,260	7,395	7,703	8,007
Bachelor's	4,320	4,825	4,880	5,068	5,373	5,613
Graduate	2,539	2,503	2,380	2,327	2,330	2,394
<b>State-owned</b>						
Bloomsburg						
Total	1,740	1,823	1,838	1,889	1,889	1,977
Bachelor's	1,403	1,491	1,516	1,544	1,565	1,634
Graduate	337	332	322	345	324	343
California						
Total	1,348	1,677	1,731	1,965	2,141	2,268
Bachelor's	983	1,130	1,086	1,242	1,297	1,428
Graduate	365	547	645	723	844	840
Cheyney						
Total	189	197	199	203	258	193
Bachelor's	139	147	149	153	178	153
Graduate	50	50	50	50	80	40
Clarion						
Total	1,225	1,226	1,182	1,094	1,201	1,327
Bachelor's	1,018	977	930	823	843	928
Graduate	207	249	252	271	358	399
East Stroudsburg						
Total	1,339	1,346	1,412	1,542	1,591	1,527
Bachelor's	1,034	1,059	1,137	1,230	1,272	1,207
Graduate	305	287	275	312	319	320
Edinboro						
Total	1,382	1,483	1,384	1,410	1,486	1,581
Bachelor's	1,174	1,189	1,097	1,062	1,073	1,034
Graduate	208	294	287	348	413	547
Indiana						
Total	2,529	2,748	3,006	2,898	2,878	2,858
Bachelor's	1,959	2,100	2,314	2,099	2,079	1,957
Graduate	570	648	692	799	799	901
Kutztown						
Total	1,622	1,737	1,876	1,908	2,054	2,092
Bachelor's	1,374	1,493	1,583	1,652	1,753	1,819
Graduate	248	244	293	256	301	273
Lock Haven						
Total	737	812	862	887	853	828
Bachelor's	671	720	761	810	777	717
Graduate	66	92	101	77	76	111
Mansfield						
Total	687	656	700	659	704	702
Bachelor's	576	521	564	508	554	566
Graduate	111	135	136	151	150	136
Millersville						
Total	1,597	1,563	1,595	1,660	1,617	1,718
Bachelor's	1,368	1,342	1,361	1,425	1,388	1,468
Graduate	229	221	234	235	229	250
Shippensburg						
Total	1,747	1,688	1,682	1,621	1,657	1,660
Bachelor's	1,404	1,394	1,324	1,279	1,292	1,271
Graduate	343	294	358	342	365	389
Slippery Rock						
Total	1,509	1,502	1,795	1,750	1,973	1,841
Bachelor's	1,264	1,263	1,532	1,506	1,654	1,547
Graduate	245	239	263	244	319	294
West Chester						
Total	2,375	2,589	2,739	2,681	2,953	2,941
Bachelor's	1,863	2,066	2,160	2,106	2,344	2,314
Graduate	512	523	579	575	609	627

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, 2005 to 2010.

Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL <sup>1</sup>  
FALL 2004 to FALL 2009

University	Full-time employed faculty <sup>2</sup>						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	2004	2005	2006	2007	2008	2009	2004	2005	2006	2007	2008	2009	2004	2005	2006	2007	2008	2009
State-related																		
Lincoln	95	102	104	104	103	107	12.6	11.7	11.5	12.0	11.6	11.4	0.8	1.2	0.8	0.7	1.4	1.2
Penn State	3,609	3,638	3,633	3,699	3,848	3,918	6.6	6.5	6.7	6.8	6.7	6.6	1.5	1.5	1.4	1.5	1.6	1.5
Pittsburgh	1,879	1,980	1,981	1,955	3,773	3,584	4.7	4.5	4.9	4.7	4.7	4.8	4.0	3.8	2.8	2.8	2.6	2.7
Temple	1,206	1,198	1,189	1,252	1,289	1,323	5.4	5.3	5.5	5.6	5.6	5.6	3.3	3.3	3.3	3.1	3.2	3.3
Total	6,789	6,918	6,907	7,010	9,013	8,932	5.9	5.8	6.0	6.0	6.0	6.0	2.5	2.5	2.1	2.1	2.1	2.2
State-owned																		
Bloomsburg	371	374	386	393	394	417	10.9	11.2	11.1	10.8	11.3	11.0	0.9	1.0	1.2	1.0	1.0	1.0
California	268	254	289	307	290	285	8.8	8.7	9.1	8.6	9.4	9.1	1.6	1.3	1.3	1.3	1.2	1.5
Cheyney	89	91	94	99	80	79	11.9	10.7	11.5	10.0	11.5	11.8	0.2	0.0	0.0	0.2	0.8	7.2
Clarion	318	293	247	272	281	257	11.0	11.2	10.6	10.9	10.8	10.4	0.7	0.9	1.1	1.0	1.1	1.2
East Stroudsburg	270	293	299	321	337	329	10.7	11.2	11.5	12.1	11.9	12.0	1.3	1.5	1.6	1.7	1.7	1.7
Edinboro	358	366	366	348	353	358	11.1	10.4	10.8	10.8	10.0	10.1	1.5	1.6	1.4	1.9	2.0	2.0
Indiana	700	705	712	700	701	703	9.4	9.4	9.8	9.8	9.2	9.3	1.5	1.6	1.6	1.7	1.7	1.6
Kutztown	409	434	427	445	463	470	11.6	11.2	11.8	11.8	11.3	11.4	0.6	0.6	0.7	0.8	0.8	1.0
Lock Haven	269	270	264	264	264	264	10.4	10.8	10.9	11.1	11.1	11.1	0.5	0.6	0.4	0.3	0.3	0.5
Mansfield	158	155	160	146	146	173	7.8	8.3	7.2	7.5	7.6	7.7	0.4	0.3	0.3	0.3	0.3	0.3
Millersville	312	326	321	322	315	320	10.5	9.5	10.0	10.1	10.3	10.3	0.9	0.6	0.8	1.0	0.9	0.9
Shippensburg	300	304	321	314	339	323	10.0	9.6	9.4	9.6	9.4	9.3	0.8	0.9	0.9	0.8	0.9	0.9
Slippery Rock	361	367	361	366	372	381	10.2	9.6	10.4	9.9	10.8	10.8	1.2	1.0	0.9	1.0	1.1	1.1
West Chester	551	566	570	573	631	612	9.6	9.5	9.7	9.7	9.6	9.9	1.6	1.6	1.7	1.8	1.9	1.9
Total	4,734	4,798	4,817	4,870	4,966	4,971	10.2	10.1	10.2	10.2	10.2	10.2	1.1	1.1	1.1	1.2	1.2	1.3
All universities	11,523	11,716	11,724	11,880	13,979	13,903	7.6	7.4	7.6	7.6	7.5	7.5	2.0	1.9	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, 2005 to 2010.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK<sup>1</sup>  
 2004-05 to 2009-10  
 (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>								
2004-05	136	\$41.6	\$66.0	\$50.9	\$35.5	\$21.6	\$27.0	
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	
<b>Penn State</b>								
2004-05	4,238	60.5	105.6	74.7	61.8	37.7	39.6	
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	
<b>Pittsburgh</b>								
2004-05	1,992	58.5	98.0	67.8	55.1	35.4	40.4	
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	
<b>Temple</b>								
2004-05	1,707	53.4	91.8	69.0	47.1	32.3	29.0	
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	
<b>State-owned</b>								
<b>Bloomsburg</b>								
2004-05	398	61.5	77.8	64.0	52.0	39.8	na	
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	
<b>California</b>								
2004-05	287	57.7	69.7	62.6	52.2	41.9	28.4	
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	
<b>Cheyney</b>								
2004-05	105	50.6	74.0	43.8	51.6	37.7	0	
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	
<b>Clarion</b>								
2004-05	318	63.1	86.7	67.1	55.6	40.1	na	
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	
<b>East Stroudsburg</b>								
2004-05	321	62.8	84.1	65.3	53.8	42.1	na	
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	

Edinboro								
2004-05	415	57.5	74.5	62.3	52.0	40.6	na	
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	
Indiana								
2004-05	681	63.2	78.5	65.9	52.5	48.5	38.0	
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	
Kutztown								
2004-05	414	61.8	86.7	69.2	50.4	38.2	53.1	
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	
Lock Haven								
2004-05	240	58.3	81.7	64.4	51.3	44.2	na	
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	
Mansfield								
2004-05	175	60.7	80.2	65.2	51.6	41.5	0	
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	
Millersville								
2004-05	422	59.5	80.5	64.9	50.4	35.5	na	
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	
Shippensburg								
2004-05	364	58.9	73.0	65.5	51.2	37.1	na	
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	
Slippery Rock								
2004-05	373	63.0	76.4	61.8	54.6	58.0	30.9	
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	
West Chester								
2004-05	642	57.4	80.0	65.9	54.6	36.9	40.6	
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	

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, 2005 to 2010.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2004-05 to 2009-10

University	Lower division						Upper division						Total undergraduate						Master's					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
State-related																								
Lincoln	\$2,946	\$3,671	\$2,545	\$2,694	\$2,758	\$2,809	\$4,718	\$4,621	\$4,445	\$4,895	\$4,226	\$4,104	\$3,405	\$3,897	\$2,882	\$3,093	\$3,078	\$3,119	\$2,040	\$832	\$1,960	\$2,253	\$2,155	\$1,920
Penn State	2,051	2,128	1,969	2,038	2,070	2,019	3,671	3,906	3,983	4,135	4,001	3,873	2,715	2,851	2,726	2,796	2,836	2,765	5,693	5,837	5,911	6,354	6,810	7,693
Pittsburgh	2,081	2,135	2,291	2,342	2,301	2,106	3,942	4,042	3,911	3,925	4,043	3,802	2,706	2,776	2,845	2,884	2,889	2,685	7,097	7,283	5,543	5,489	5,437	5,422
Temple	1,910	1,933	1,996	2,011	2,105	2,146	3,001	3,058	3,124	3,178	3,281	3,319	2,492	2,539	2,605	2,640	2,740	2,798	4,621	4,857	5,105	4,924	5,355	5,281
Total	2,043	2,116	2,054	2,111	2,139	2,077	3,541	3,692	3,722	3,817	3,801	3,704	2,670	2,775	2,723	2,782	2,826	2,762	5,859	6,013	5,359	5,421	5,606	5,771
State-owned																								
Bloomsburg	2,346	2,331	2,487	2,611	2,626	2,618	4,435	4,405	4,517	4,860	4,922	4,925	2,945	2,930	3,069	3,256	3,284	3,253	4,022	3,928	4,256	4,433	4,500	4,432
California	2,102	2,555	2,319	2,308	2,288	2,097	3,249	3,618	3,749	3,688	3,491	3,324	2,528	2,939	2,884	2,890	2,797	2,620	2,964	3,073	2,956	2,976	2,876	2,433
Cheyney	2,840	3,397	3,492	4,289	3,649	3,377	4,966	6,391	5,393	5,874	5,118	8,636	3,342	4,056	3,961	4,724	4,034	4,892	4,344	3,512	3,784	5,798	5,510	12,079
Clarion	2,469	2,315	2,344	2,429	2,728	2,891	5,015	5,174	5,321	5,466	5,335	5,306	3,222	3,161	3,178	3,248	3,479	3,610	5,482	5,818	5,513	5,255	4,883	4,638
East Stroudsburg	2,342	2,338	2,424	2,643	2,653	2,633	5,283	5,130	5,329	5,146	5,704	5,880	3,246	3,202	3,359	3,456	3,665	3,673	3,766	3,650	3,797	4,168	4,118	4,238
Edinboro	2,467	2,586	2,713	2,784	3,002	2,828	4,927	4,738	5,076	5,387	5,534	5,290	3,264	3,437	3,676	3,835	4,025	3,778	5,721	5,256	5,382	4,984	4,501	4,447
Indiana	2,221	2,318	2,477	2,348	2,451	2,526	4,466	4,699	4,812	4,898	5,121	5,408	2,888	3,070	3,225	3,123	3,255	3,384	5,295	5,182	5,477	5,060	5,300	5,989
Kutztown	1,980	1,979	1,913	1,907	1,940	2,009	4,568	4,486	4,627	4,686	4,848	4,818	2,854	2,824	2,860	2,919	3,012	3,072	4,622	4,759	5,038	5,109	5,523	5,506
Lock Haven	2,190	2,043	2,217	2,374	2,227	3,047	4,353	3,565	4,426	4,850	4,952	4,838	2,826	2,425	2,826	3,063	2,951	3,521	3,867	910	2,587	3,330	3,816	3,636
Mansfield	2,453	2,467	2,831	3,060	2,916	2,811	4,702	4,858	5,207	4,474	4,902	5,211	3,419	3,482	3,877	3,667	3,759	3,813	1,542	1,988	2,020	5,659	4,983	2,992
Millersville	2,650	2,593	2,752	2,817	2,968	2,994	4,157	4,060	4,373	4,453	4,628	4,675	3,203	3,139	3,352	3,435	3,590	3,628	3,192	3,205	3,381	3,748	4,169	4,209
Shippensburg	2,442	2,468	2,459	2,805	2,798	2,778	3,712	3,709	4,178	4,885	5,072	4,995	2,865	2,883	3,012	3,479	3,503	3,464	5,445	5,566	5,686	4,566	4,594	4,818
Slippery Rock	2,510	2,478	2,663	2,604	2,724	2,782	4,002	3,880	3,907	3,712	3,906	4,107	2,970	2,938	3,098	3,020	3,166	3,284	4,767	5,052	4,911	3,971	4,121	4,027
West Chester	2,419	2,341	2,493	2,565	2,674	2,661	3,980	3,942	4,339	4,342	4,350	4,424	2,979	2,915	3,175	3,225	3,310	3,323	4,472	4,721	5,622	5,136	5,160	5,343
Total	2,351	2,352	2,445	2,520	2,576	2,646	4,329	4,301	4,545	4,608	4,727	4,817	2,995	2,998	3,158	3,238	3,316	3,393	4,237	4,072	4,488	4,431	4,455	4,436
All universities	2,192	2,231	2,237	2,299	2,342	2,342	3,846	3,933	4,054	4,139	4,163	4,135	2,816	2,876	2,916	2,983	3,040	3,037	5,144	5,088	4,961	4,974	5,087	5,156

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, 2005 to 2010.



Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL <sup>1</sup>  
2004-05 to 2009-10

University	Lower division						Upper division						Total undergraduate						Master's					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
State-related																								
Lincoln	\$98	\$122	\$85	\$90	\$92	\$94	\$157	\$154	\$148	\$163	\$141	\$137	\$114	\$130	\$96	\$103	\$103	\$104	\$85	\$35	\$82	\$94	\$90	\$80
Penn State	68	71	66	68	69	67	122	130	133	138	133	129	91	95	91	93	95	92	237	243	246	265	284	321
Pittsburgh	69	71	76	78	77	70	131	135	130	131	135	127	90	93	95	96	96	90	296	303	231	229	227	226
Temple	64	64	67	67	70	72	100	102	104	106	109	111	83	85	87	88	91	93	193	202	213	205	223	220
Total	68	71	68	70	71	69	118	123	124	127	127	123	89	93	91	93	94	92	244	251	223	226	234	240
State-owned																								
Bloomsburg	78	78	83	87	88	87	148	147	151	162	164	164	98	98	102	109	109	108	168	164	177	185	188	185
California	70	85	77	77	76	70	108	121	125	123	116	111	84	98	96	96	93	87	124	128	123	124	120	101
Cheyney	95	113	116	143	122	113	166	213	180	196	171	288	111	135	132	157	134	163	181	146	158	242	230	503
Clarion	82	77	78	81	91	96	167	172	177	182	178	177	107	105	106	108	116	120	228	242	230	219	203	193
East Stroudsburg	78	78	81	88	88	88	176	171	178	172	190	196	108	107	112	115	122	122	157	152	158	174	172	177
Edinboro	82	86	90	93	100	94	164	158	169	180	184	176	109	115	123	128	134	126	238	219	224	208	188	185
Indiana	74	77	83	78	82	84	149	157	160	163	171	180	96	102	108	104	109	113	221	216	228	211	221	250
Kutztown	66	66	64	64	65	67	152	150	154	156	162	161	95	94	95	97	100	102	193	198	210	213	230	229
Lock Haven	73	68	74	79	74	102	145	119	148	162	165	161	94	81	94	102	98	117	161	38	108	139	159	152
Mansfield	82	82	94	102	97	94	157	162	174	149	163	174	114	116	129	122	125	127	64	83	84	236	208	125
Millersville	88	86	92	94	99	100	139	135	146	148	154	156	107	105	112	115	120	121	133	134	141	156	174	175
Shippensburg	81	82	82	94	93	93	124	124	139	163	169	167	96	96	100	116	117	115	227	232	237	190	191	201
Slippery Rock	84	83	89	87	91	93	133	129	130	124	130	137	99	98	103	101	106	109	199	211	205	165	172	168
West Chester	81	78	83	86	89	89	133	131	145	145	145	147	99	97	106	108	110	111	186	197	234	214	215	223
Total	78	78	82	84	86	88	144	143	152	154	158	161	100	100	105	108	111	113	177	170	187	185	186	185
All universities	73	74	75	77	78	78	128	131	135	138	139	138	94	96	97	99	101	101	214	212	207	207	212	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, 2005 to 2010.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2004-05 to 2009-10

University	Lower division						Upper division						Total undergraduate						Master's					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
State-related																								
Lincoln	23	23	24	24	24	25	15	15	14	15	17	18	21	21	21	22	22	23	14	15	15	14	15	17
Penn State	30	30	31	31	31	31	26	25	25	25	26	26	28	28	29	29	29	29	14	14	14	14	14	14
Pittsburgh	30	30	29	29	30	31	24	24	24	23	24	25	27	28	27	27	28	28	17	17	17	16	17	18
Temple	30	30	30	30	29	30	23	24	25	24	24	25	26	27	27	27	27	27	14	14	14	14	14	14
Total	30	30	30	30	30	31	25	24	24	24	25	26	27	27	28	28	28	28	15	15	15	15	15	16
State-owned																								
Bloomsburg	30	30	30	30	30	31	19	19	19	18	18	18	26	26	26	26	26	26	13	13	12	13	12	12
California	31	28	31	32	31	36	20	20	22	22	22	24	25	25	26	27	27	29	17	19	19	20	20	23
Cheyney	25	25	23	23	25	39	13	17	16	19	20	15	21	23	21	22	23	27	12	14	11	13	12	8
Clarion	34	38	37	35	33	32	15	16	16	15	16	17	25	27	27	26	26	26	11	12	12	12	13	14
East Stroudsburg	29	32	32	26	30	30	15	22	23	20	21	21	23	29	29	24	27	27	13	17	17	12	16	17
Edinboro	27	27	27	29	28	29	15	20	21	21	22	22	21	24	24	25	25	26	9	12	12	14	15	17
Indiana	33	32	33	34	34	35	16	15	15	18	18	18	25	24	25	27	27	28	12	13	12	13	13	13
Kutztown	32	32	34	35	36	35	17	17	17	17	17	18	25	25	26	26	26	26	13	12	12	11	11	11
Lock Haven	30	32	29	29	30	28	20	22	14	13	13	20	27	29	22	22	22	25	19	65	13	12	13	25
Mansfield	26	27	25	25	25	29	19	18	18	17	16	15	23	22	22	21	21	21	19	19	16	17	18	19
Millersville	28	29	29	29	29	30	22	21	22	22	22	23	25	25	26	26	26	27	16	16	16	16	15	16
Shippensburg	30	30	29	30	30	31	24	24	23	19	19	22	28	28	27	25	26	28	15	14	14	14	14	14
Slippery Rock	33	33	32	32	33	33	18	20	20	20	21	21	26	27	27	26	27	27	11	11	13	14	14	16
West Chester	26	27	26	27	27	29	17	17	15	16	17	17	22	22	20	22	22	23	12	11	9	12	12	12
Total	30	30	30	30	31	32	18	19	18	18	19	19	24	25	25	25	25	26	13	15	13	14	14	15
All universities	30	30	30	30	30	31	21	22	21	22	22	23	26	26	26	26	27	27	14	15	14	14	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, 2005 to 2010.

Historical Table 9

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS<sup>1</sup>  
2004-05 to 2009-10  
(in millions)

University	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<b>State-related</b>						
Lincoln	\$12.6	\$12.9	\$13.5	\$13.8	\$13.6	\$13.6
Penn State	241.2	247.2	258.3	263.5	267.5	263.9
Pittsburgh	150.4	154.2	161.1	164.3	156.8	156.8
Temple	157.9	161.8	169.5	172.9	165.0	165.0
Total	562.1	576.1	602.5	614.5	602.8	599.3
<b>State-owned</b>						
Bloomsburg	33.5	34.7	36.4	36.9	36.4	33.5
California	28.3	28.9	32.4	34.6	35.3	32.7
Cheyney	13.2	12.0	12.0	14.7	15.3	14.1
Clarion	28.1	26.8	27.6	27.2	27.5	25.7
East Stroudsburg	22.8	23.7	24.8	25.9	26.0	24.8
Edinboro	29.2	28.5	28.8	29.2	28.3	25.6
Indiana	56.7	60.1	62.2	63.8	61.5	55.6
Kutztown	33.7	35.7	38.8	40.8	40.8	37.7
Lock Haven	20.5	21.1	22.1	23.5	22.9	21.5
Mansfield	16.4	16.8	16.9	19.3	19.0	18.2
Millersville	35.5	37.5	38.5	38.1	37.1	33.8
Shippensburg	31.5	31.9	32.2	33.8	32.4	30.5
Slippery Rock	32.2	34.7	37.7	38.2	37.8	35.9
West Chester	47.2	50.8	52.5	53.8	52.9	49.5
Total <sup>2</sup>	428.8	443.3	463.0	479.8	473.1	439.1
All universities <sup>2</sup>	990.9	1,019.4	1,065.4	1,094.3	1,075.9	1,038.4

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

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

SOURCE: *Governor's Executive Budget, 2006-07 to 2010-11*; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2005 to 2010.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS  
BY ACADEMIC LEVEL AND RESIDENCE  
2004-05 to 2009-10

University	Undergraduate		Graduate <sup>1</sup>	
	In-State	Out-of-State	In-State	Out-of-State
<b>State-related</b>				
<b>Lincoln</b>				
2004-05	\$6,498	\$10,594	\$8,162	\$14,034
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
<b>Penn State</b>				
<b>Main Campus</b>				
2004-05	10,856	20,784	11,796	21,946
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
<b>Pittsburgh</b>				
<b>Main Campus</b>				
2004-05	10,830	20,200	13,028	24,864
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
<b>Temple</b>				
2004-05	9,102	16,268	11,424	16,416
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
<b>State-owned</b>				
<b>Bloomsburg</b>				
2004-05	6,089	13,355	7,090	10,604
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
<b>California</b>				
2004-05	6,251	8,707	7,460	10,974
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
<b>Cheyney</b>				
2004-05	5,565	12,831	6,252	9,766
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
<b>Clarion</b>				
2004-05	6,487	11,347	7,329	10,843
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
<b>East Stroudsburg</b>				
2004-05	6,224	13,490	7,008	10,522
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

Edinboro				
2004-05	6,039	10,899	7,386	10,900
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
Indiana				
2004-05	6,085	13,351	6,772	10,286
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
Kutztown				
2004-05	6,256	13,522	7,138	10,652
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
Lock Haven				
2004-05	6,100	11,366	7,428	10,942
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
Mansfield				
2004-05	6,180	13,446	6,898	10,412
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
Millersville				
2004-05	6,081	13,347	6,935	10,449
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
Shippensburg				
2004-05	5,986	13,252	6,708	10,222
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
Slippery Rock				
2004-05	6,096	8,552	7,493	11,526
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
West Chester				
2004-05	6,006	13,272	6,806	10,320
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

1. Excludes first-professional level.

SOURCE: Data provided by the Pennsylvania Department of Education, *College and University Student Charges*, 2005 to 2010.

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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:

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

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).