

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

**Staff Analysis of 2008-09 Data
Reported Under the Public School Code of 1949**

FEBRUARY 2010



Staff Report
General Assembly of the Commonwealth of Pennsylvania
JOINT STATE GOVERNMENT COMMISSION
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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)

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

FOREWORD

This 37th 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 2008-09 and data trends for 2003-04 to 2008-09 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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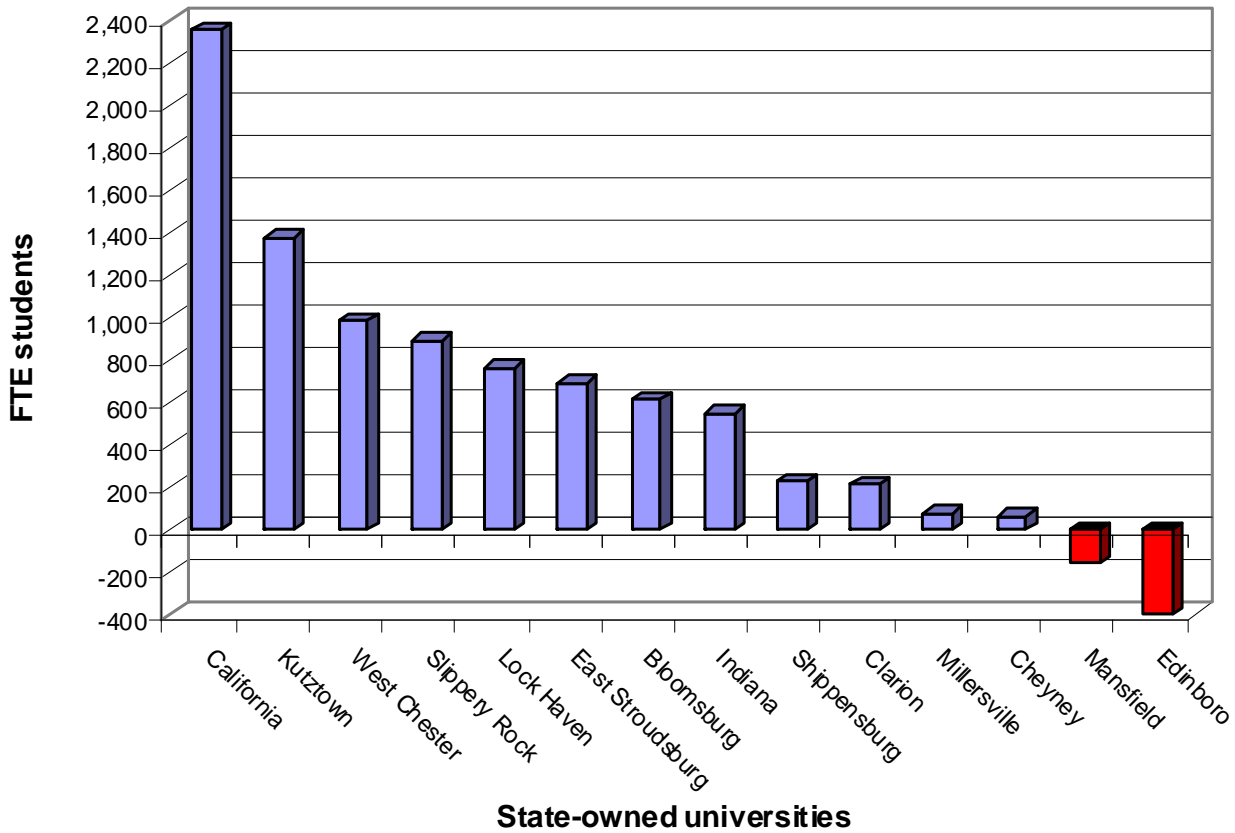
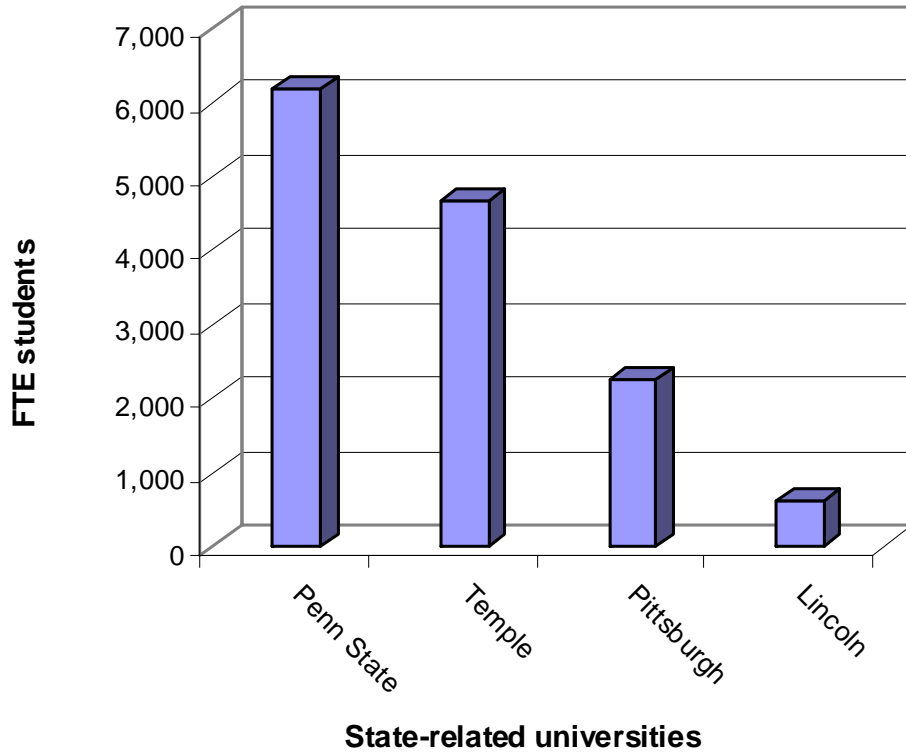
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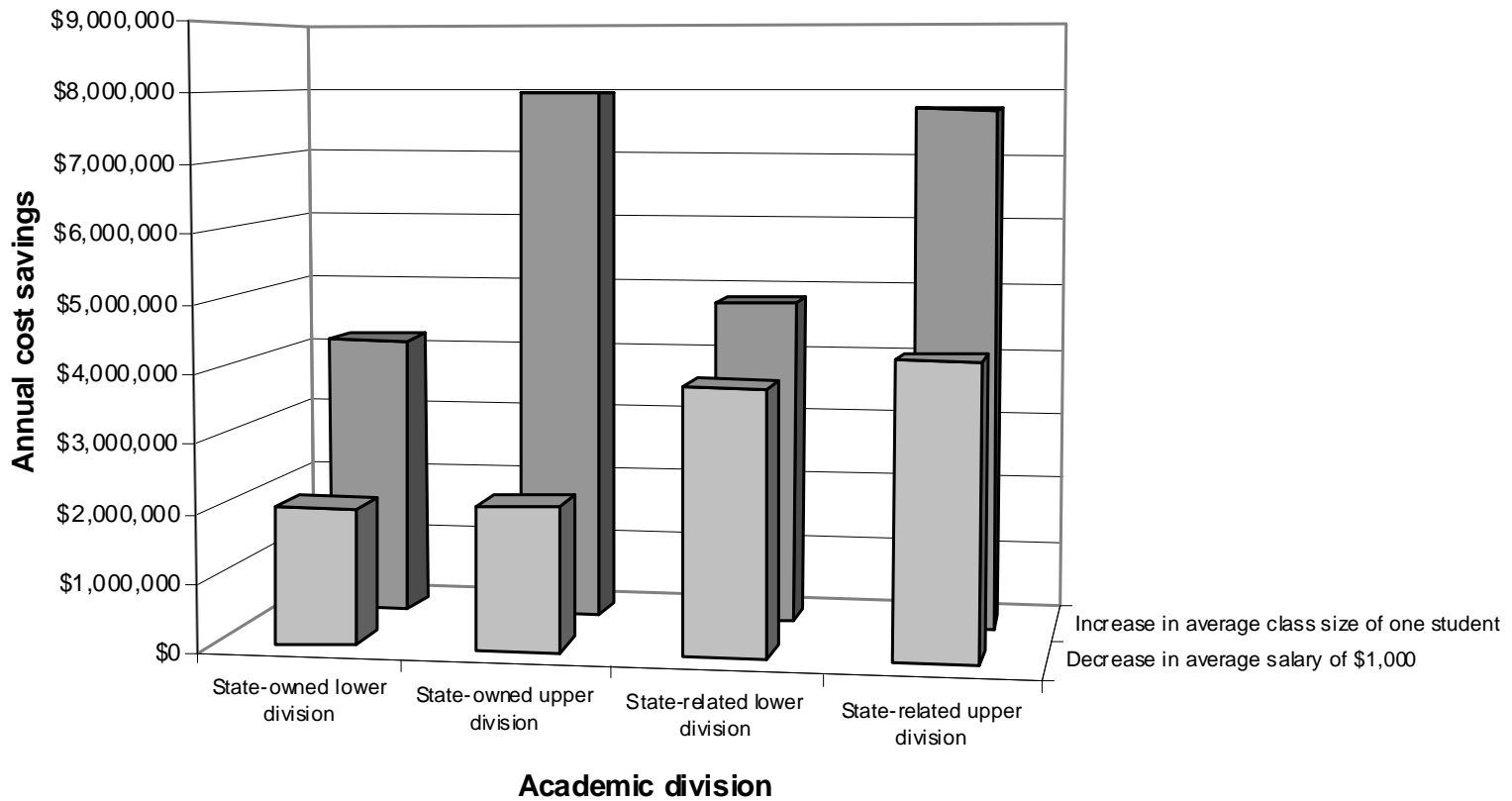
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**CHANGES IN FTE STUDENT ENROLLMENTS
IN THE STATE-RELATED AND STATE-OWNED UNIVERSITIES
2003-04 to 2008-09**



SOURCE: Data provided by the individual universities, 2004 to 2009.

ESTIMATED ANNUAL COST SAVINGS
 FROM A DECREASE IN AVERAGE SALARY AND AN INCREASE IN AVERAGE CLASS SIZE¹
 FOR THE STATE-RELATED AND STATE-OWNED UNIVERSITIES
 2008-09



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 about \$12 million, and from *increasing* average class (section) size by one student almost \$25 million. The model on which these estimates are based is given in the Appendix.

SOURCE: Data provided by the individual universities, 2009.

I. CURRENT YEAR DATA

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Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
 2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	Total				Undergraduate				Graduate ²			
	FTE students	One-year change	Percentage change		FTE students	One-year change	Percentage change		FTE students	One-year change	Percentage change	
			One-year	Five-year average			One-year	Five-year average			One-year	Five-year average
State-related												
Lincoln	2,527	31	1%	6%	1,987	7	a	5%	540	24	5%	10%
Penn State	78,174	2,924	4	2	70,584	2,180	3%	2	7,590	744	11	1
Pittsburgh	32,835	914	3	1	23,857	548	2	1	8,978	366	4	3
Temple	33,630	961	3	3	26,572	793	3	5	7,058	168	2	-1
Total	147,166	4,830	3	2	123,000	3,528	3	2	24,166	1,302	6	1
State-owned												
Bloomsburg	8,615	159	2	2	7,953	172	2	2	662	-13	-2	2
California	8,396	292	4	8	6,863	264	4	7	1,533	28	2	11
Cheyney	1,471	-25	-2	1	1,360	-9	-1	2	111	-16	-13	-5
Clarion	6,216	99	2	1	5,540	17	a	a	676	82	14	20
East Stroudsburg	6,700	107	2	2	5,996	128	2	3	704	-21	-3	-2
Edinboro	6,581	-19	a	-1	5,665	-159	-3	-2	916	140	18	15
Indiana	13,943	-35	a	1	12,198	-57	a	a	1,745	22	1	6
Kutztown	9,494	81	1	3	8,898	88	1	3	596	-7	-1	2
Lock Haven	5,466	50	1	3	5,148	24	a	3	318	26	9	5
Mansfield	3,122	43	1	-1	2,887	35	1	-1	235	8	4	1
Millersville	7,794	-138	-2	a	6,988	-86	-1	1	806	-52	-6	-4
Shippensburg	7,215	170	2	1	6,579	146	2	a	636	24	4	3
Slippery Rock	8,362	170	2	2	7,594	101	1	2	768	69	10	6
West Chester	12,543	242	2	2	11,101	179	2	2	1,442	63	5	2
Total	105,918	1,196	1	2	94,770	843	1	1	11,148	353	3	4
All universities	253,084	6,026	2	2	217,770	4,371	2	2	35,314	1,655	5	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, 2004 to 2009.

Table 2

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL¹
2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	Lower division			Upper division			Master's			First professional ² and doctor's		
	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average
State-related												
Lincoln	1,555	-4%	7%	432	20%	2%	540	5%	10%	na	na	na
Penn State	42,577	-2	2	28,007	13	1	3,008	2	-1	4,582	17%	2%
Pittsburgh	15,793	3	1	8,064	1	2	5,848	6	4	3,130	1	1
Temple	12,216	3	4	14,356	3	5	3,009	1	-3	4,049	4	1
Total	72,141	a	2	50,859	8	2	12,405	4	1	11,761	8	1
State-owned												
Bloomsburg	5,672	2	1	2,281	2	2	614	-1	1	48	-13	8
California	3,962	4	3	2,901	4	16	1,533	2	11	na	na	na
Cheyney	1,004	1	a	356	-5	5	111	-13	-5	na	na	na
Clarion	3,945	-2	a	1,595	7	-1	676	14	20	na	na	na
East Stroudsburg	4,007	1	2	1,989	4	4	682	-4	-3	22	22	--
Edinboro	3,375	-3	-5	2,290	-3	2	916	18	15	na	na	na
Indiana	8,598	a	a	3,600	-1	1	1,090	1	2	655	2	18
Kutztown	5,619	a	2	3,279	2	5	596	-1	2	na	na	na
Lock Haven	3,773	2	3	1,375	-4	3	318	9	5	na	na	na
Mansfield	1,662	2	-1	1,225	a	-1	235	4	1	na	na	na
Millersville	4,371	-1	a	2,617	-2	3	806	-6	-4	na	na	na
Shippensburg	4,539	4	1	2,040	-2	a	636	4	3	na	na	na
Slippery Rock	4,758	2	a	2,836	1	7	551	15	6	217	-2	6
West Chester	6,886	a	a	4,215	4	4	1,442	5	2	na	na	na
Total	62,171	-1	a	32,599	a	3	10,206	2	3	942	a	14
All universities	134,312	-1	1	83,458	5	3	22,611	3	2	12,703	7	2

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

2. Excludes medical school data.
a. Rounds to less than 1 percent.
na. Not applicable.

SOURCE: Data provided by the individual universities, 2004 to 2009.

Table 3A

LINCOLN UNIVERSITY
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2008-09

CIP Classification	Total	Percentage of total	Undergraduate				Graduate ²	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	--	--	--	--	--	--	--	--
Business	189	7%	64	4%	108	25%	17	3%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	202	8	133	9	18	4	51	10
Engineering	--	--	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	70	3	65	4	5	1	--	--
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	331	13	263	17	68	16	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	144	6	127	8	17	4	--	--
Mathematics and Statistics	208	8	201	13	7	1	--	--
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	123	5	98	6	25	6	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	89	3	81	5	8	2	--	--
Physical Sciences	119	5	108	7	11	2	--	--
Psychology	107	4	65	4	42	10	--	--
Security and Protective Services/ Public Administration and Services	473	19	--	--	--	--	473	87
Social Sciences and History	378	15	258	17	120	28	--	--
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	97	4	92	6	5	1	--	--
Other	--	--	--	--	--	--	--	--
Total ³	2,527	100	1,555	100	432	100	540	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, 2009; 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 STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2008-09

CIP Classification	Total	Percentage of total	Undergraduate				Graduate ²	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	1,190	2%	375	1%	634	2%	181	2%
Architecture and Related Services	441	1	135	a	293	1	13	a
Area, Ethnic, Cultural and Gender Studies	743	1	452	1	245	1	46	1
Business	8,518	11	2,341	6	5,189	19	988	13
Communications	4,087	5	2,498	6	1,474	5	115	2
Computer and Information Sciences and Support Services	2,039	3	1,088	3	695	3	256	3
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	2,709	4	447	1	1,123	4	1,139	15
Engineering	6,288	8	1,767	4	3,358	12	1,163	15
Foreign Languages, Literature and Linguistics	4,020	5	2,833	7	961	3	226	3
Health Professions and Related Clinical Sciences	1,848	2	609	1	1,062	4	177	2
Family and Consumer Sciences/ Human Sciences	2,196	3	1,134	3	979	4	83	1
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	798	1	--	--	--	--	798	10
English Language and Literature/Letters	4,680	6	2,809	7	1,727	6	144	2
Liberal Arts and Sciences, General Studies and Humanities	291	a	189	1	92	a	10	a
Library Science	5	a	2	a	3	a	--	--
Biological and Biomedical Sciences	4,656	6	3,127	7	1,159	4	370	5
Mathematics and Statistics	7,310	9	6,410	15	645	2	255	3
Military Technologies	102	a	55	a	47	a	--	--
Multi/Interdisciplinary Studies	296	a	132	a	104	a	60	1
Parks, Recreation, Leisure and Fitness Studies	2,368	3	852	2	1,463	5	53	1
Personal and Social Development	32	a	28	a	4	a	--	--
Philosophy and Religion/Theology	1,203	2	887	2	283	1	33	a
Physical Sciences	5,812	7	3,941	9	1,290	5	581	8
Psychology	3,191	4	1,842	4	1,054	4	295	4
Security and Protective Services/ Public Administration and Services	740	1	315	1	301	1	124	2
Social Sciences and History	6,474	8	3,994	9	2,183	8	297	4
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	4,308	6	2,873	7	1,295	5	140	2
Other	1,829	2	1,441	3	345	1	43	1
Total ³	78,174	100	42,577	100	28,007	100	7,590	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, 2009; 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 STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2008-09

CIP Classification	Total	Percentage of total	Undergraduate				Graduate ²	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	117	1%	76	a	41	1%	--	--
Business	2,900	9	610	4%	1,321	17	969	11%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	762	2	358	2	173	2	231	3
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,700	5	391	2	400	5	909	10
Engineering	1,736	5	597	4	674	8	465	5
Foreign Languages, Literature and Linguistics	1,687	5	1,195	7	402	5	90	1
Health Professions and Related Clinical Sciences	4,451	14	435	3	874	11	3,142	35
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	879	3	1	a	10	a	868	10
English Language and Literature/Letters	3,041	9	2,185	14	745	9	111	1
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	368	1	7	a	5	a	356	4
Biological and Biomedical Sciences	1,045	3	749	5	253	3	43	1
Mathematics and Statistics	1,972	6	1,557	10	305	4	110	1
Military Technologies	13	a	5	a	8	a	--	--
Multi/Interdisciplinary Studies	1,374	4	752	5	496	6	126	1
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	663	2	440	3	189	2	34	a
Physical Sciences	2,396	7	2,016	13	165	2	215	2
Psychology	1,695	5	1,031	6	427	5	237	3
Security and Protective Services/ Public Administration and Services	1,362	4	155	1	376	5	831	9
Social Sciences and History	3,554	11	2,351	15	1,033	13	170	2
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	1,118	4	882	6	166	2	70	1
Other	--	--	--	--	--	--	--	--
Total ³	32,835	100	15,793	100	8,064	100	8,978	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, 2009; 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 STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2008-09

CIP Classification	Total	Percentage of total	Undergraduate				Graduate ²	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	434	1%	153	1%	246	2%	35	1%
Area, Ethnic, Cultural and Gender Studies	646	2	299	2	310	2	37	1
Business	4,166	12	953	8	2,669	19	544	8
Communications	1,633	5	574	5	984	7	75	1
Computer and Information Sciences and Support Services	461	1	204	2	229	2	28	a
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,546	5	336	3	712	5	498	7
Engineering	664	2	224	2	369	2	71	1
Foreign Languages, Literature and Linguistics	1,295	4	679	6	584	4	32	a
Health Professions and Related Clinical Sciences	4,278	13	376	3	1,095	8	2,807	40
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	1,715	5	187	1	205	1	1,323	19
English Language and Literature/Letters	1,713	5	1,141	9	526	4	46	1
Liberal Arts and Sciences, General Studies and Humanities	1,039	3	790	6	234	2	15	a
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	805	2	235	2	398	3	172	2
Mathematics and Statistics	1,732	5	1,126	9	535	4	71	1
Military Technologies	9	a	4	a	5	a	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	257	1	81	1	143	1	33	a
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	781	2	372	3	360	2	49	1
Physical Sciences	1,646	5	927	8	636	4	83	1
Psychology	1,360	4	485	4	621	4	254	4
Security and Protective Services/ Public Administration and Services	1,178	4	215	2	520	4	443	6
Social Sciences and History	3,552	11	1,736	14	1,644	11	172	2
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	2,720	8	1,121	9	1,330	9	269	4
Other	--	--	--	--	--	--	--	--
Total ³	33,630	100	12,216	100	14,356	100	7,058	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, 2009; 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 STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2008-09

CIP Classification	Total	Percentage of total	Undergraduate				Graduate ²	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	238	a	200	a	35	a	3	a
Architecture and Related Services	18	a	1	a	10	a	7	a
Area, Ethnic, Cultural and Gender Studies	526	1%	282	1%	234	1%	10	a
Business	8,798	8	2,990	5	5,064	16	744	7%
Communications	3,886	4	2,569	4	1,178	4	139	1
Computer and Information Sciences and Support Services	2,202	2	1,635	3	484	1	83	1
Personal and Culinary Services	534	1	429	1	105	a	--	--
Education	14,910	14	3,502	6	6,673	21	4,735	43
Engineering	532	1	207	a	230	1	95	1
Foreign Languages, Literature and Linguistics	2,691	3	2,290	4	342	1	59	1
Health Professions and Related Clinical Sciences	4,888	5	1,407	2	2,181	7	1,300	12
Family and Consumer Sciences/ Human Sciences	633	1	283	1	318	1	32	a
Technology Education/Industrial Arts	377	a	138	a	147	a	92	1
Legal Professions and Studies	366	a	193	a	65	a	108	1
English Language and Literature/Letters	8,259	8	6,410	10	1,602	5	247	2
Liberal Arts and Sciences, General Studies and Humanities	1,030	1	520	1	482	2	28	a
Library Science	521	a	24	a	101	a	396	4
Biological and Biomedical Sciences	4,753	5	3,687	6	934	3	132	1
Mathematics and Statistics	5,849	6	5,132	8	615	2	102	1
Military Technologies	99	a	64	a	35	a	--	--
Multi/Interdisciplinary Studies	691	1	472	1	203	1	16	a
Parks, Recreation, Leisure and Fitness Studies	3,754	4	1,450	2	1,432	4	872	8
Personal and Social Development	917	1	892	1	22	a	3	a
Philosophy and Religion/Theology	1,988	2	1,649	3	295	1	44	a
Physical Sciences	5,794	6	5,039	8	721	2	34	a
Psychology	6,168	6	3,655	6	1,847	6	666	6
Security and Protective Services/ Public Administration and Services	2,837	3	941	2	1,387	4	509	5
Social Sciences and History	13,881	13	10,292	17	3,241	10	348	3
Trade and Industrial	1	a	1	a	--	--	--	--
Visual and Performing Arts	7,133	7	5,164	8	1,813	6	156	2
Other	1,675	2	663	1	811	3	201	2
Total ³	105,918	100	62,171	100	32,599	100	11,148	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, 2009; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 4

DEGREES CONFERRED¹
2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	Total				Bachelor's				Graduate ²			
	Degrees	One-year change	One-year Percentage change	Five-year average	Degrees	One-year change	One-year Percentage change	Five-year average	Degrees	One-year change	One-year Percentage change	Five-year average
State-related												
Lincoln	462	22	5%	8%	257	30	13%	9%	205	-8	-4%	6%
Penn State	15,898	586	4	1	12,723	278	2	1	3,175	308	11	2
Pittsburgh	7,693	-30	a	1	4,888	35	1	1	2,805	-65	-2	2
Temple	7,703	308	4	3	5,373	305	6	6	2,330	3	a	-2
Total	31,756	886	3	2	23,241	648	3	2	8,515	238	3	1
State-owned												
Bloomsburg	1,889	0	0	a	1,565	21	1	a	324	-21	-6	1
California	2,141	176	9	11	1,297	55	4	6	844	121	17	26
Cheyney	258	55	27	-3	178	25	16	1	80	30	60	-8
Clarion	1,201	107	10	-1	843	20	2	-4	358	87	32	16
East Stroudsburg	1,591	49	3	6	1,272	42	3	6	319	7	2	3
Edinboro	1,486	76	5	1	1,073	11	1	-3	413	65	19	25
Indiana	2,878	-20	-1	4	2,079	-20	-1	3	799	0	0	5
Kutztown	2,054	146	8	6	1,753	101	6	6	301	45	18	4
Lock Haven	853	-34	-4	1	777	-33	-4	1	76	-1	-1	2
Mansfield	704	45	7	2	554	46	9	a	150	-1	-1	13
Millersville	1,617	-43	-3	2	1,388	-37	-3	2	229	-6	-3	1
Shippensburg	1,651	30	2	a	1,288	9	1	-1	363	21	6	5
Slippery Rock	1,974	222	13	6	1,655	144	10	6	319	78	32	6
West Chester	2,953	272	10	5	2,344	238	11	5	609	34	6	3
Total	23,250	1,081	5	3	18,066	622	4	2	5,184	459	10	7
All universities	55,006	1,967	4	2	41,307	1,270	3	2	13,699	697	5	3

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

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2004 to 2009.

Table 5

NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY
FALL 2008, AND PERCENTAGE CHANGE FROM FALL 2007

University	Full-time employed faculty ¹	Average weekly hours ²										Total work- week	Percentage change
		Student contact				Instruc- tional support ³	Research		Other university service ⁴	Percentage change			
		Under- graduate	Percentage change	Graduate	Percentage change		Percentage change	Percentage change					
State-related													
Lincoln	103	11.6	-3%	1.4	100%	20.9	1%	7.7	-22%	11.0	2%	52.5	-3%
Penn State	3,848	6.7	-1	1.6	7	19.0	-1	17.3	-1	6.4	-2	51.0	-1
Pittsburgh	3,773	4.7	0	2.6	-7	13.2	-1	22.2	1	9.2	1	51.9	a
Temple	1,289	5.6	0	3.2	3	18.8	0	14.3	3	10.3	-2	52.2	1
Total	9,013	6.0	0	2.1	0	17.4	-1	18.1	1	7.9	-1	51.5	a
State-owned													
Bloomsburg	394	11.3	5	1.0	0	17.6	1	9.7	-7	17.1	-2	56.6	-1
California	290	9.4	9	1.2	-8	15.4	9	5.7	8	16.0	10	47.7	9
Cheyney	80	11.5	15	0.8	300	15.6	8	6.6	-14	14.9	-24	49.4	-5
Clarion	281	10.8	-1	1.1	10	21.2	4	7.3	4	13.8	-4	54.2	1
East Stroudsburg	337	11.9	-2	1.7	0	19.1	3	8.9	2	16.8	-4	58.4	a
Edinboro	353	10.0	-7	2.0	5	15.1	-1	8.2	-1	16.5	1	51.9	-1
Indiana	701	9.2	-6	1.7	0	18.3	-2	9.8	3	19.7	-1	58.7	-1
Kutztown	463	11.3	-4	0.8	0	16.4	-2	7.9	10	16.0	1	52.4	a
Lock Haven	264	11.1	0	0.3	0	18.8	-1	6.3	0	17.0	1	53.4	a
Mansfield	146	7.6	1	0.3	0	20.8	2	8.8	-3	12.0	-2	49.5	0
Millersville	315	10.3	2	0.9	-10	16.7	-4	8.5	6	17.9	1	54.2	0
Shippensburg	339	9.4	-2	0.9	13	17.5	-1	8.9	-3	17.6	-2	54.2	-2
Slippery Rock	372	10.8	9	1.1	10	18.2	-2	8.7	-3	16.9	0	55.6	1
West Chester	631	9.6	-1	1.9	6	16.5	-2	12.1	2	17.9	3	57.9	a
Total	4,966	10.2	0	1.2	0	17.6	-1	9.0	1	17.0	-1	55.0	a
All universities	13,979	7.5	-1	1.8	0	17.5	-1	14.7	0	11.2	-2	52.8	-1

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

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

3. Includes course preparation and evaluation.

4. Includes public service, institutional support and student services.

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2008 and 2009.

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK¹
2008-09
(Dollars in thousands)

University	FTE instructional faculty		Average instructional salary		Professor		Associate professor		Assistant professor		Instructor		No rank ²	
	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
		2007-08 to 2008-09		2007-08 to 2008-09										
State-related														
Lincoln	175	4%	\$41.5	-4%	\$64.1	19%	\$59.2	16%	\$39.1	25%	\$20.3	24%	\$31.9	16%
Penn State	4,377	1	67.8	4	115.2	17	84.9	18	70.6	17	42.2	19	45.1	29
Pittsburgh	2,033	a	59.9	3	105.3	17	69.0	20	54.4	20	31.9	16	46.3	27
Temple	1,840	4	60.1	3	110.1	17	78.9	17	52.5	23	38.2	25	34.3	18
Total	8,425	2	63.7	3	110.5	17	79.0	18	60.9	19	38.5	20	43.6	26
State-owned														
Bloomsburg	436	3	67.5	0	89.1	27	72.7	23	56.8	36	45.2	14	0	a
California	318	-4	74.2	5	96.3	28	71.1	28	66.3	29	54.9	15	46.3	a
Cheyney	98	-4	62.5	-12	110.8	15	88.4	18	54.9	30	35.5	37	na	na
Clarion	330	8	68.3	-1	89.4	29	73.5	22	61.5	25	44.5	24	na	na
East Stroudsburg	370	4	67.2	3	89.2	27	70.2	24	59.8	29	44.5	20	na	na
Edinboro	382	3	70.5	a	90.9	29	73.1	26	61.5	30	44.1	15	32.9	a
Indiana	722	2	69.0	3	88.1	30	71.6	27	58.6	29	42.7	12	43.8	2
Kutztown	465	3	64.7	2	92.9	21	72.1	23	55.6	38	42.3	18	36.3	a
Lock Haven	303	-7	54.1	6	83.8	16	60.0	25	44.0	46	42.9	13	na	na
Mansfield	178	1	67.4	1	100.5	19	74.2	24	58.8	31	49.2	25	0	1
Millersville	421	-2	67.5	5	90.6	27	73.9	27	57.2	28	40.7	18	na	na
Shippensburg	373	4	69.5	a	89.8	28	72.1	29	57.4	35	40.9	8	na	na
Slippery Rock	395	2	67.5	6	83.4	25	70.6	26	59.9	34	51.7	15	38.4	a
West Chester	700	2	63.2	3	90.5	22	74.7	21	60.3	23	40.6	34	23.5	a
Total	5,491	1	66.8	2	90.1	26	71.9	25	57.7	31	43.6	18	37.4	a
All universities	13,916	2	64.9	3	100.3	20	75.7	21	59.3	24	40.5	19	43.6	16

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

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

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2008 and 2009.

Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL¹
2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	Undergraduate						Master's					
	Lower division	Percentage change		Upper division	Percentage change		Total undergraduate	Percentage change		Total master's	Percentage change	
		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average
State-related												
Lincoln	\$2,758	2%	2%	\$4,226	-14%	2%	\$3,078	a	2%	\$2,155	-4%	1%
Penn State	2,070	2	1	4,001	-3	3	2,836	1%	2	6,810	7	6
Pittsburgh	2,301	-2	4	4,043	3	2	2,889	a	3	5,437	-1	-3
Temple	2,105	5	1	3,281	3	1	2,740	4	1	5,355	9	5
Total	2,139	1	2	3,801	a	2	2,826	2	2	5,606	3	1
State-owned												
Bloomsburg	2,626	1	2	4,922	1	2	3,284	1	2	4,500	2	1
California	2,288	-1	5	3,491	-5	1	2,797	-3	4	2,876	-3	1
Cheyney	3,649	-15	1	5,118	-13	-4	4,034	-15	a	5,510	-5	2
Clarion	2,728	12	3	5,335	-2	2	3,479	7	2	4,883	-7	-2
East Stroudsburg	2,653	a	2	5,704	11	4	3,665	6	3	4,118	-1	1
Edinboro	3,002	8	4	5,534	3	4	4,025	5	5	4,501	-10	-5
Indiana	2,451	4	2	5,121	5	2	3,255	4	2	5,300	5	a
Kutztown	1,940	2	-1	4,848	3	1	3,012	3	1	5,523	8	5
Lock Haven	2,227	-6	-2	4,952	2	1	2,951	-4	-1	3,816	15	5
Mansfield	2,916	-5	3	4,902	10	a	3,759	3	2	4,983	-12	40
Millersville	2,968	5	1	4,628	4	3	3,590	5	2	4,169	11	8
Shippensburg	2,798	a	3	5,072	4	7	3,503	1	5	4,594	1	-2
Slippery Rock	2,724	5	2	3,906	5	-1	3,166	5	1	4,121	4	-4
West Chester	2,674	4	1	4,350	a	2	3,310	3	2	5,160	a	3
Total	2,576	2	2	4,727	3	2	3,316	2	2	4,455	1	1
All universities	2,342	2	1	4,163	1	2	3,040	2	2	5,087	2	1

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2004 to 2009.

Table 8A

LINCOLN UNIVERSITY
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2008-09

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	\$2,559	\$2,799	\$2,710	\$6,121	--	--
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--
Education	2,348	6,455	2,846	3,373	--	--
Engineering	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	2,127	8,345	2,544	--	--	--
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	2,336	3,465	2,567	--	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	2,193	3,853	2,393	--	--	--
Mathematics and Statistics	3,284	11,061	3,535	--	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	2,450	2,567	2,474	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,607	9,068	3,157	--	--	--
Physical Sciences	4,973	13,341	5,718	--	--	--
Psychology	2,706	5,177	3,675	--	--	--
Security and Protective Services/ Public Administration and Services	--	--	--	1,885	--	--
Social Sciences and History	2,056	3,705	2,578	--	--	--
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	4,648	12,230	5,022	--	--	--
Other	--	--	--	--	--	--
Total	2,758	4,226	3,078	2,155	--	--

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, 2009; 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 STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2008-09

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional ²	Doctor's
Agriculture	\$2,736	\$4,710	\$3,977	\$14,371	--	\$16,413
Architecture and Related Services Area, Ethnic, Cultural and Gender Studies	4,528	6,522	5,894	28,722	--	45,012
Business	3,011	4,710	3,608	12,103	--	13,839
Communications	1,654	3,962	3,244	5,371	--	37,059
Computer and Information Sciences and Support Services	1,738	3,957	2,561	10,173	--	16,340
Personal and Culinary Services	3,775	5,880	4,595	10,056	--	20,648
Education	--	--	--	--	--	--
Engineering	3,653	4,814	4,483	3,810	--	14,319
Foreign Languages, Literature and Linguistics	3,541	4,295	4,035	10,844	--	21,648
Health Professions and Related Clinical Sciences	2,301	2,984	2,474	4,887	--	10,540
Family and Consumer Sciences/ Human Sciences	3,969	4,558	4,343	6,210	--	27,185
Technology Education/Industrial Arts	1,069	3,227	2,069	--	--	16,490
Legal Professions and Studies	--	--	--	--	\$7,115	--
English Language and Literature/Letters	2,872	3,482	3,105	12,989	--	20,310
Liberal Arts and Sciences, General Studies and Humanities	3,984	8,463	5,454	16,080	--	17,236
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	1,579	3,466	2,089	10,975	--	17,440
Mathematics and Statistics	2,031	3,896	2,201	2,663	--	17,382
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	4,361	4,153	4,270	9,087	--	31,003
Parks, Recreation, Leisure and Fitness Studies	1,835	3,066	2,613	8,082	--	25,030
Personal and Social Development	5,780	11,775	6,556	--	--	--
Philosophy and Religion/Theology	2,058	3,182	2,329	1,498	--	19,177
Physical Sciences	2,016	3,303	2,333	9,988	--	17,729
Psychology	1,104	4,591	2,373	6,787	--	13,182
Security and Protective Services/ Public Administration and Services	2,370	6,362	4,322	7,876	--	21,328
Social Sciences and History	1,323	3,157	1,971	8,730	--	20,678
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	1,821	4,787	2,742	14,577	--	17,856
Other	1,741	3,846	2,147	6,188	--	26,399
Total	2,070	4,001	2,836	6,810	7,115	18,669

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, 2009; 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 STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2008-09

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional ²	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	\$2,609	\$4,949	\$3,433	--	--	--
Business	2,283	3,253	2,946	\$4,365	--	\$24,588
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	3,370	6,398	4,357	8,822	--	22,644
Personal and Culinary Services	--	--	--	--	--	--
Education	2,129	4,356	3,255	4,067	--	9,549
Engineering	3,499	5,015	4,303	7,047	--	23,963
Foreign Languages, Literature and Linguistics	3,004	3,584	3,150	9,529	--	14,640
Health Professions and Related Clinical Sciences	2,446	2,570	2,529	3,997	\$4,578	13,403
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	1,067	1,067	30,118	2,511	52,747
English Language and Literature/Letters	2,659	3,757	2,938	5,324	--	16,159
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	--	2,107	2,107	3,031	--	19,313
Biological and Biomedical Sciences	2,484	6,424	3,478	15,607	--	35,053
Mathematics and Statistics	2,019	4,319	2,396	9,372	--	12,991
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	3,100	3,100	11,746	--	15,958
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,572	4,036	3,013	37,205	--	23,995
Physical Sciences	2,215	8,496	2,692	10,666	--	13,646
Psychology	1,213	3,227	1,803	5,259	--	13,063
Security and Protective Services/ Public Administration and Services	1,903	3,218	2,833	3,231	--	12,612
Social Sciences and History	2,262	4,845	3,051	13,949	--	27,108
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,443	6,606	3,101	11,431	--	30,259
Other	--	--	--	--	--	--
Total	2,301	4,043	2,889	5,437	3,828	15,950

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, 2009; 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 STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2008-09

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional ²	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and Related Services Area, Ethnic, Cultural and Gender Studies	\$2,371	\$4,936	\$3,954	\$6,618	--	--
Business	1,621	2,323	1,978	6,194	--	\$13,987
Communications	1,702	2,990	2,651	4,387	--	13,910
Computer and Information Sciences and Support Services	1,881	3,180	2,702	8,964	--	15,825
Personal and Culinary Services	3,996	6,075	5,094	22,150	--	31,882
Education	--	--	--	--	--	--
Engineering	3,046	3,572	3,404	3,544	--	7,085
Foreign Languages, Literature and Linguistics	2,831	4,003	3,560	8,951	--	13,208
Health Professions and Related Clinical Sciences	2,165	3,054	2,576	6,959	--	14,858
Family and Consumer Sciences/ Human Sciences	1,672	3,460	3,003	4,049	\$3,278	2,989
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	1,848	2,397	2,135	4,667	5,251	--
English Language and Literature/Letters	2,521	2,723	2,584	7,296	--	16,126
Liberal Arts and Sciences, General Studies and Humanities	2,000	1,982	1,996	2,673	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	2,488	3,898	3,375	7,031	1,854	8,109
Mathematics and Statistics	1,663	2,651	1,981	3,793	--	28,024
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	1,216	1,743	1,553	7,613	--	11,943
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,103	3,034	2,561	8,082	--	16,302
Physical Sciences	2,231	3,703	2,829	7,543	--	25,625
Psychology	1,645	3,224	2,532	9,987	--	17,619
Security and Protective Services/ Public Administration and Services	1,915	2,468	2,306	3,160	--	20,755
Social Sciences and History	1,760	2,762	2,248	7,294	--	15,292
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,783	4,640	3,791	10,480	--	16,218
Other	--	--	--	--	--	--
Total	2,105	3,281	2,740	5,355	3,914	10,548

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, 2009; 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 STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2008-09

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional	Doctor's ²
Agriculture	\$2,053	\$4,196	\$2,372	\$7,657	--	--
Architecture and Related Services	--	7,478	7,478	7,177	--	--
Area, Ethnic, Cultural and Gender Studies	2,885	3,916	3,352	7,056	--	--
Business	2,431	3,679	3,216	4,204	--	\$3,831
Communications	2,588	4,986	3,342	5,693	--	4,297
Computer and Information Sciences and Support Services	3,183	6,300	3,895	6,916	--	--
Personal and Culinary Services	82	866	236	--	--	--
Education	2,250	4,547	3,757	3,449	--	6,524
Engineering	3,553	6,052	4,868	5,375	--	--
Foreign Languages, Literature and Linguistics	3,236	6,685	3,684	6,795	--	9,053
Health Professions and Related Clinical Sciences	2,791	5,055	4,167	5,282	--	4,597
Family and Consumer Sciences/ Human Sciences	2,191	3,063	2,653	7,579	--	4,532
Technology Education/Industrial Arts	4,357	5,599	4,998	3,450	--	--
Legal Professions and Studies	2,509	2,260	2,446	2,531	--	--
English Language and Literature/Letters	2,958	4,677	3,302	6,549	--	13,740
Liberal Arts and Sciences, General Studies and Humanities	3,513	4,709	4,088	7,242	--	--
Library Science	3,270	3,989	3,851	3,427	--	--
Biological and Biomedical Sciences	2,480	7,350	3,464	12,215	--	37,191
Mathematics and Statistics	2,645	4,990	2,896	5,620	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	3,511	4,454	3,795	3,801	--	--
Parks, Recreation, Leisure and Fitness Studies	2,256	3,704	2,975	2,517	--	--
Personal and Social Development	2,887	3,416	2,900	4,301	--	--
Philosophy and Religion/Theology	2,282	5,080	2,707	8,735	--	5,207
Physical Sciences	2,967	8,893	3,708	17,699	--	--
Psychology	2,086	4,343	2,844	5,410	--	11,333
Security and Protective Services/ Public Administration and Services	2,232	3,595	3,044	4,562	--	8,423
Social Sciences and History	2,012	4,517	2,612	8,525	--	9,633
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	3,136	7,889	4,371	13,899	--	24,836
Other	2,547	2,547	2,547	5,408	--	--
Total	2,576	4,725	3,315	4,449	--	7,655

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, 2009; 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 LEVEL¹
2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	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	24	0%	1%	17	13%	3%	22	0%	1%	15	7%	1%
Penn State	31	0	1	26	4	0	29	0	0	14	0	-1
Pittsburgh	30	3	0	24	4	0	28	4	0	17	6	0
Temple	29	-3	0	24	0	1	27	0	1	14	0	-1
Total	30	0	0	25	4	0	28	0	0	15	0	0
State-owned												
Bloomsburg	30	0	0	18	0	-1	26	0	0	12	-8	-2
California	31	-3	1	22	0	3	27	0	2	20	0	7
Cheyney	25	9	0	20	5	4	23	5	0	12	-8	4
Clarion	33	-6	-2	16	7	0	26	0	-1	13	8	4
East Stroudsburg	30	15	1	21	5	5	27	13	3	16	33	7
Edinboro	28	-3	0	22	5	6	25	0	2	15	7	13
Indiana	34	0	1	18	0	4	27	0	2	13	0	2
Kutztown	36	3	3	17	0	0	26	0	1	11	0	-2
Lock Haven	30	3	-2	13	0	-8	22	0	-5	13	8	-5
Mansfield	25	0	-1	16	-6	-4	21	0	-3	18	6	0
Millersville	29	0	1	22	0	0	26	0	1	15	-6	-2
Shippensburg	30	0	0	19	0	-4	26	4	-1	14	0	-3
Slippery Rock	33	3	1	21	5	5	27	4	1	14	0	5
West Chester	27	0	1	17	6	0	22	0	0	12	0	0
Total	31	3	1	19	6	1	25	0	0	14	0	2
All universities	30	0	0	22	0	0	27	4	1	15	7	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, 2004 to 2009.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE
2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	Undergraduate						Graduate ¹					
	In-State			Out-of-State			In-State			Out-of-State		
	Tuition and required fees	Percentage change		Tuition and required fees	Percentage change		Tuition and required fees	Percentage change		Tuition and required fees	Percentage change	
	One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average	
State-related												
Lincoln	\$8,250	11%	7%	\$12,586	6%	5%	\$9,646	4%	5%	\$16,388	4%	4%
Penn State ²	13,706	7	10	24,940	5	6	15,468	7	10	27,084	5	7
Pittsburgh ²	13,642	6	9	23,290	4	5	16,462	6	7	28,686	4	4
Temple	11,448	6	7	20,468	6	7	14,342	6	7	20,678	6	7
Average	11,762	7	8	20,321	5	6	13,980	6	7	23,209	5	6
State-owned												
Bloomsburg	6,848	3	3	14,978	3	3	7,964	3	4	11,914	3	4
California	7,315	7	4	10,623	6	-4	8,390	3	4	12,340	3	4
Cheyney	7,089	11	6	15,219	7	5	7,331	7	4	11,281	6	4
Clarion	7,102	3	4	12,552	3	7	8,386	4	5	12,336	4	5
East Stroudsburg	7,090	4	4	15,220	4	4	7,981	4	4	11,931	4	4
Edinboro	7,042	4	4	9,814	4	4	8,543	4	5	12,493	4	4
Indiana	6,958	4	4	15,089	4	4	7,978	6	5	11,928	5	4
Kutztown	7,126	4	5	15,256	4	4	7,790	3	4	11,740	3	4
Lock Haven	6,917	4	4	13,047	4	4	8,418	4	4	12,368	4	4
Mansfield	7,359	5	5	15,488	4	4	7,755	3	4	11,705	3	3
Millersville	6,866	4	4	14,996	4	3	7,934	4	4	11,884	4	4
Shippensburg	7,099	4	5	15,229	4	4	7,557	4	4	11,507	3	4
Slippery Rock	6,934	4	4	9,706	4	-5	8,491	4	4	13,020	4	4
West Chester	6,737	1	3	14,867	2	3	7,643	3	3	11,593	3	3
Average	7,034	4	4	13,720	4	3	8,012	4	4	12,003	4	4

1. Excludes first-professional level.

2. Main campus data only.

SOURCE: Pennsylvania Department of Education, *Colleges and Universities-Education Digest*, 2003-04 to 2004-05; data provided by the Pennsylvania Department of Education, *College and University Basic Student Charges*, (January 19, 2010).

Table 11

TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
 2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	Total tuition and fee revenues			Tuition and fee revenues per FTE student			
	Amount (000s)	Percentage change		Amount	One-year change	Percentage change	
		One- year	Five-year average			One- year	Five-year average
State-related							
Lincoln	\$28,622	10%	14%	\$11,330	\$950	9%	6%
Penn State	1,205,257	10	10	15,420	910	6	8
Pittsburgh	531,288	9	9	16,180	960	6	7
Temple	513,581	10	10	15,270	940	7	6
Total	2,278,748	10	10	15,480	920	6	7
State-owned							
Bloomsburg	64,385	5	5	7,470	250	3	3
California	60,692	9	15	7,230	360	5	5
Cheyney	12,145	6	6	8,260	580	8	5
Clarion	45,597	5	5	7,340	260	4	4
East Stroudsburg	57,674	6	8	8,610	370	4	5
Edinboro	49,250	2	2	7,480	160	2	4
Indiana	103,239	7	5	7,400	500	7	4
Kutztown	70,377	4	8	7,410	220	3	4
Lock Haven	37,241	4	6	6,810	220	3	2
Mansfield	23,730	3	2	7,600	130	2	3
Millersville	58,097	4	5	7,450	390	6	4
Shippensburg	51,934	6	4	7,200	230	3	4
Slippery Rock	59,313	7	6	7,090	310	5	3
West Chester	98,712	5	6	7,870	240	3	4
Total	792,386	5	6	7,480	310	4	4
All universities	3,071,134	9	9	12,140	710	6	6

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

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2004 to 2009; FTE students - data provided by the individual universities, 2004 to 2009.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	Total instructional appropriations			Instructional appropriations per FTE student			
	Amount (000s)	Percentage change		Amount	One-year change	Percentage change	
		One- year	Five-year average			One- year	Five-year average
State-related							
Lincoln	\$13,623	-1%	2%	\$5,390	\$-130	-2%	-3%
Penn State	267,451	1	3	3,420	-80	-2	1
Pittsburgh	156,770	-5	2	4,770	-380	-7	a
Temple	164,963	-5	2	4,910	-380	-7	-1
Total	602,807	a	2	4,100	-220	-5	a
State-owned							
Bloomsburg	36,397	-1	3	4,230	-130	-3	1
California	35,328	2	5	4,210	-60	-1	-2
Cheyney	15,318	4	4	10,410	570	6	3
Clarion	27,476	1	a	4,420	-20	a	-1
East Stroudsburg	25,953	a	3	3,870	-60	-2	1
Edinboro	28,313	-3	-1	4,300	-120	-3	a
Indiana	61,466	-4	2	4,410	-160	-4	1
Kutztown	40,831	a	6	4,300	-30	-1	2
Lock Haven	22,940	-2	3	4,200	-140	-3	a
Mansfield	18,990	-2	3	6,080	-200	-3	4
Millersville	37,054	-3	3	4,750	-50	-1	3
Shippensburg	32,370	-4	1	4,490	-310	-6	1
Slippery Rock	37,759	-1	4	4,520	-140	-3	2
West Chester	52,929	-2	4	4,220	-150	-3	2
Total ²	473,124	2	3	4,470	-110	-2	1
All universities ²	1,075,931	1	2	4,250	-180	-4	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*, 2005-06 to 2009-10; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2004 to 2009. FTE students - data provided by the individual universities, 2004 to 2009.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID
RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2008-09, CHANGE FROM 2007-08 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2003-04 to 2008-09)

University	Per FTE student			Ratio of instructional appropriations to total instructional revenues			Student aid per FTE student ²
	Tuition and fee revenues	Instructional appropriations	Total instructional revenues	Percentage	Percentage change One-year	Five-year average	
State-related							
Lincoln	\$11,330	\$5,390	\$16,720	32%	-9%	-5%	\$610
Penn State	15,420	3,420	18,840	18	-5	-4	678
Pittsburgh	16,180	4,770	20,950	23	-8	-4	603
Temple	15,270	4,910	20,180	24	-11	-5	619
Total	15,480	4,100	19,580	21	-9	-4	646
State-owned							
Bloomsburg	7,470	4,230	11,700	36	-5	-1	773
California	7,230	4,210	11,440	37	-3	-3	813
Cheyney	8,260	10,410	18,670	56	0	-1	951
Clarion	7,340	4,420	11,760	38	-3	-3	1,008
East Stroudsburg	8,610	3,870	12,480	31	-3	-2	508
Edinboro	7,480	4,300	11,780	37	-3	-2	937
Indiana	7,400	4,410	11,810	37	-8	-2	935
Kutztown	7,410	4,300	11,710	37	-3	-1	733
Lock Haven	6,810	4,200	11,010	38	-5	-1	901
Mansfield	7,600	6,080	13,680	44	-4	a	989
Millersville	7,450	4,750	12,200	39	-3	-1	669
Shippensburg	7,200	4,490	11,690	38	-7	-1	644
Slippery Rock	7,090	4,520	11,610	39	-5	-1	942
West Chester	7,870	4,220	12,090	35	-3	-1	495
Total ³	7,480	4,470	11,950	37	-5	-2	781
All universities ³	12,140	4,250	16,390	26	-7	-3	703

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, 2004 to 2009; instructional appropriations - *Governor's Executive Budget*, 2005-06 to 2009-10; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2004 to 2009; FTE students - data provided by the individual universities, 2004 to 2009; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, August 2009.

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II. HISTORICAL DATA

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Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
2003-04 to 2008-09

University	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
State-related						
Lincoln						
Total	1,920	1,963	2,153	2,330	2,496	2,527
Undergraduate	1,565	1,533	1,664	1,801	1,980	1,987
Graduate	355	430	489	529	516	540
Penn State						
Total	71,988	70,683	69,948	73,642	75,250	78,174
Undergraduate	64,652	63,515	63,049	66,698	68,404	70,584
Graduate	7,336	7,168	6,899	6,944	6,846	7,590
Pittsburgh						
Total	30,587	30,471	30,599	31,524	31,921	32,835
Undergraduate	22,709	22,550	22,646	23,019	23,309	23,857
Graduate	7,878	7,921	7,953	8,505	8,612	8,978
Temple						
Total	28,977	30,656	30,775	31,448	32,669	33,630
Undergraduate	21,577	22,941	24,024	24,755	25,779	26,572
Graduate	7,400	7,715	6,751	6,693	6,890	7,058
State-owned						
Bloomsburg						
Total	8,001	8,067	8,238	8,394	8,456	8,615
Undergraduate	7,386	7,404	7,580	7,698	7,781	7,953
Graduate	615	663	658	696	675	662
California						
Total	6,040	6,358	7,141	7,703	8,104	8,396
Undergraduate	5,037	5,209	5,870	6,301	6,599	6,863
Graduate	1,003	1,149	1,271	1,402	1,505	1,533
Cheyney						
Total	1,405	1,548	1,703	1,743	1,496	1,471
Undergraduate	1,254	1,430	1,486	1,575	1,369	1,360
Graduate	151	118	217	168	127	111
Clarion						
Total	5,998	5,965	5,860	6,012	6,117	6,216
Undergraduate	5,661	5,585	5,451	5,535	5,523	5,540
Graduate	337	380	409	477	594	676
East Stroudsburg						
Total	6,005	6,082	6,237	6,484	6,593	6,700
Undergraduate	5,214	5,313	5,492	5,782	5,868	5,996
Graduate	791	769	745	702	725	704
Edinboro						
Total	6,977	6,877	6,707	6,607	6,600	6,581
Undergraduate	6,459	6,302	6,049	5,933	5,824	5,665
Graduate	518	575	658	674	776	916
Indiana						
Total	13,392	13,442	13,594	13,686	13,978	13,943
Undergraduate	12,056	12,083	12,063	12,022	12,255	12,198
Graduate	1,336	1,359	1,531	1,664	1,723	1,745
Kutztown						
Total	8,114	8,605	8,899	9,225	9,413	9,494
Undergraduate	7,584	8,018	8,310	8,626	8,810	8,898
Graduate	530	587	589	599	603	596
Lock Haven						
Total	4,701	4,868	5,958	5,367	5,416	5,466
Undergraduate	4,443	4,556	5,275	5,075	5,124	5,148
Graduate	258	312	683	292	292	318
Mansfield						
Total	3,276	3,260	3,139	3,119	3,079	3,122
Undergraduate	3,052	2,979	2,877	2,880	2,852	2,887
Graduate	224	281	262	239	227	235
Millersville						
Total	7,713	7,851	7,707	7,936	7,932	7,794
Undergraduate	6,675	6,889	6,795	7,016	7,074	6,988
Graduate	1,038	962	912	920	858	806
Shippensburg						
Total	6,984	6,985	6,865	6,888	7,045	7,215
Undergraduate	6,439	6,418	6,303	6,299	6,433	6,579
Graduate	545	567	562	589	612	636
Slippery Rock						
Total	7,469	7,718	7,892	8,029	8,192	8,362
Undergraduate	6,870	7,114	7,294	7,392	7,493	7,594
Graduate	599	604	598	637	699	768
West Chester						
Total	11,559	11,701	12,272	11,851	12,301	12,543
Undergraduate	10,269	10,350	10,921	10,544	10,922	11,101
Graduate	1,290	1,351	1,351	1,307	1,379	1,442

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, 2004 to 2009.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL¹
 TOTAL YEAR AND SUMMER 2003-04 to 2008-09
 (in thousands)

University	Total year							Summer			
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's	Total graduate	Grand total	Total undergraduate	Total graduate	Grand total
State-related											
Lincoln											
2003-04	35	12	47	9	na	na	9	56	1	1	2
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
Penn State											
2003-04	1,142	798	1,940	77	na	99	176	2,116	108	25	133
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
Pittsburgh											
2003-04	458	223	681	117	55	17	189	870	40	30	70
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
Temple											
2003-04	303	345	648	84	72	21	177	825	55	23	78
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
State-owned											
Bloomsburg											
2003-04	160	61	221	14	na	1	15	236	16	5	21
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
California											
2003-04	103	48	151	24	na	na	24	175	8	7	15
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
Cheyney											
2003-04	29	8	37	4	na	na	4	41	1	1	2
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
Clarion											
2003-04	119	50	169	8	na	na	8	177	10	2	12
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
East Stroudsburg											
2003-04	107	49	156	19	na	na	19	175	10	7	17
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

Edinboro											
2003-04	132	62	194	12	na	na	12	206	11	2	13
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
Indiana											
2003-04	257	105	362	24	na	8	32	394	23	10	33
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
Kutztown											
2003-04	150	77	227	13	na	na	13	240	7	4	11
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
Lock Haven											
2003-04	97	36	133	6	na	na	6	139	8	2	10
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
Mansfield											
2003-04	53	39	92	5	na	na	5	97	7	2	9
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
Millersville											
2003-04	131	70	201	25	na	na	25	226	11	15	26
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
Shippensburg											
2003-04	132	62	194	13	na	na	13	207	8	4	12
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
Slippery Rock											
2003-04	144	62	206	10	na	4	14	220	13	3	16
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
West Chester											
2003-04	202	106	308	31	na	na	31	339	25	8	33
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

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, 2004 to 2009.

Historical Table 3

DEGREES CONFERRED¹
2003-04 to 2008-09

University	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
State-related						
Lincoln						
Total	333	368	453	420	440	462
Bachelor's	175	240	256	229	27	257
Graduate	158	128	197	191	213	205
Penn State						
Total	14,879	15,746	15,512	15,521	15,312	15,898
Bachelor's	12,002	12,983	12,740	12,732	12,445	12,723
Graduate	2,877	2,763	2,772	2,789	2,867	3,175
Pittsburgh						
Total	7,335	7,565	7,704	7,437	7,723	7,693
Bachelor's	4,736	4,936	4,996	4,724	4,853	4,888
Graduate	2,599	2,629	2,708	2,713	2,870	2,805
Temple						
Total	6,726	6,859	7,328	7,260	7,395	7,703
Bachelor's	4,122	4,320	4,825	4,880	5,068	5,373
Graduate	2,604	2,539	2,503	2,380	2,327	2,330
State-owned						
Bloomsburg						
Total	1,847	1,740	1,823	1,838	1,889	1,889
Bachelor's	1,539	1,403	1,491	1,516	1,544	1,565
Graduate	308	337	332	322	345	324
California						
Total	1,369	1,348	1,677	1,731	1,965	2,141
Bachelor's	1,004	983	1,130	1,086	1,242	1,297
Graduate	365	365	547	645	723	844
Cheyney						
Total	301	189	197	199	203	258
Bachelor's	166	139	147	149	153	178
Graduate	135	50	50	50	50	80
Clarion						
Total	1,252	1,225	1,226	1,182	1,094	1,201
Bachelor's	1,051	1,018	977	930	823	843
Graduate	201	207	249	252	271	358
East Stroudsburg						
Total	1,238	1,339	1,346	1,412	1,542	1,591
Bachelor's	963	1,034	1,059	1,137	1,230	1,272
Graduate	275	305	287	275	312	319
Edinboro						
Total	1,421	1,382	1,483	1,384	1,410	1,486
Bachelor's	1,239	1,174	1,189	1,097	1,062	1,073
Graduate	182	208	294	287	348	413
Indiana						
Total	2,457	2,529	2,748	3,006	2,898	2,878
Bachelor's	1,817	1,959	2,100	2,314	2,099	2,079
Graduate	640	570	648	692	799	799
Kutztown						
Total	1,608	1,622	1,737	1,876	1,908	2,054
Bachelor's	1,356	1,374	1,493	1,583	1,652	1,753
Graduate	252	248	244	293	256	301
Lock Haven						
Total	793	737	812	862	887	853
Bachelor's	723	671	720	761	810	777
Graduate	70	66	92	101	77	76
Mansfield						
Total	635	687	656	700	659	704
Bachelor's	544	576	521	564	508	554
Graduate	91	111	135	136	151	150
Millersville						
Total	1,466	1,597	1,563	1,595	1,660	1,617
Bachelor's	1,249	1,368	1,342	1,361	1,425	1,388
Graduate	217	229	221	234	235	229
Shippensburg						
Total	1,655	1,747	1,688	1,681	1,621	1,651
Bachelor's	1,364	1,404	1,394	1,324	1,279	1,288
Graduate	291	343	294	357	342	363
Slippery Rock						
Total	1,516	1,509	1,502	1,749	1,752	1,974
Bachelor's	1,272	1,264	1,263	1,498	1,511	1,655
Graduate	244	245	239	251	241	319
West Chester						
Total	2,397	2,375	2,589	2,739	2,681	2,953
Bachelor's	1,876	1,863	2,066	2,160	2,106	2,344
Graduate	521	512	523	579	575	609

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, 2004 to 2009.

Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL¹
FALL 2003 to FALL 2008

University	Full-time employed faculty ²						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	2003	2004	2005	2006	2007	2008	2003	2004	2005	2006	2007	2008	2003	2004	2005	2006	2007	2008
	<hr/>																	
State-related																		
Lincoln	95	95	102	104	104	103	12.7	12.6	11.7	11.5	12.0	11.6	0.8	0.8	1.2	0.8	0.7	1.4
Penn State	3,579	3,609	3,638	3,633	3,699	3,848	6.5	6.6	6.5	6.7	6.8	6.7	1.7	1.5	1.5	1.4	1.5	1.6
Pittsburgh	1,983	1,879	1,980	1,981	1,955	3,773	4.3	4.7	4.5	4.9	4.7	4.7	3.6	4.0	3.8	2.8	2.8	2.6
Temple	1,154	1,206	1,198	1,189	1,252	1,289	5.4	5.4	5.3	5.5	5.6	5.6	3.8	3.3	3.3	3.3	3.1	3.2
Total	6,811	6,789	6,918	6,907	7,010	9,013	5.7	5.9	5.8	6.0	6.0	6.0	2.6	2.5	2.5	2.1	2.1	2.1
State-owned																		
Bloomsburg	367	371	374	386	393	394	11.1	10.9	11.2	11.1	10.8	11.3	1.0	0.9	1.0	1.2	1.0	1.0
California	277	268	254	289	307	290	9.3	8.8	8.7	9.1	8.6	9.4	2.1	1.6	1.3	1.3	1.3	1.2
Cheyney	78	89	91	94	99	80	10.8	11.9	10.7	11.5	10.0	11.5	0.7	0.2	0.0	0.0	0.2	0.8
Clarion	323	318	293	247	272	281	10.9	11.0	11.2	10.6	10.9	10.8	0.9	0.7	0.9	1.1	1.0	1.1
East Stroudsburg	265	270	293	299	321	337	10.4	10.7	11.2	11.5	12.1	11.9	1.4	1.3	1.5	1.6	1.7	1.7
Edinboro	356	358	366	366	348	353	11.5	11.1	10.4	10.8	10.8	10.0	1.4	1.5	1.6	1.4	1.9	2.0
Indiana	693	700	705	712	700	701	9.5	9.4	9.4	9.8	9.8	9.2	1.5	1.5	1.6	1.6	1.7	1.7
Kutztown	394	409	434	427	445	463	11.4	11.6	11.2	11.8	11.8	11.3	0.6	0.6	0.6	0.7	0.8	0.8
Lock Haven	252	269	270	264	264	264	10.4	10.4	10.8	10.9	11.1	11.1	0.5	0.5	0.6	0.4	0.3	0.3
Mansfield	163	158	155	160	146	146	8.6	7.8	8.3	7.2	7.5	7.6	0.3	0.4	0.3	0.3	0.3	0.3
Millersville	311	312	326	321	322	315	10.0	10.5	9.5	10.0	10.1	10.3	0.9	0.9	0.6	0.8	1.0	0.9
Shippensburg	303	300	304	321	314	339	10.2	10.0	9.6	9.4	9.6	9.4	0.9	0.8	0.9	0.9	0.8	0.9
Slippery Rock	366	361	367	361	366	372	10.4	10.2	9.6	10.4	9.9	10.8	1.1	1.2	1.0	0.9	1.0	1.1
West Chester	564	551	566	570	573	631	10.1	9.6	9.5	9.7	9.7	9.6	1.7	1.6	1.6	1.7	1.8	1.9
Total	4,712	4,734	4,798	4,817	4,870	4,966	10.3	10.2	10.1	10.2	10.2	10.2	1.2	1.1	1.1	1.1	1.2	1.2
All universities	11,523	11,523	11,716	11,724	11,880	13,979	7.5	7.6	7.4	7.6	7.6	7.5	2.0	2.0	1.9	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, 2004 to 2009.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK¹
 2003-04 to 2008-09
 (Dollars in thousands)

University	FTE instructional faculty	Average instructional salaries					Instructor	No rank ²
		All faculty	Professor	Associate professor	Assistant professor			
State-related								
Lincoln								
2003-04	133	\$38.3	\$57.2	\$44.5	\$32.5	\$24.1	\$30.3	
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	
Penn State								
2003-04	4,224	58.1	101.2	70.7	58.9	36.0	38.7	
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	
Pittsburgh								
2003-04	1,946	55.0	90.3	63.1	53.2	36.0	38.4	
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	
Temple								
2003-04	1,673	53.3	86.3	67.1	45.7	31.6	31.0	
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	
State-owned								
Bloomsburg								
2003-04	398	61.9	77.6	63.1	52.0	39.5	na	
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	
California								
2003-04	270	53.0	74.9	41.2	55.8	40.6	41.8	
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	
Cheyney								
2003-04	102	58.0	86.4	63.1	52.5	40.6	na	
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	
Clarion								
2003-04	321	61.2	79.7	64.5	52.3	40.7	na	
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	
East Stroudsburg								
2003-04	316	62.0	81.1	65.5	54.6	40.3	na	
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	

Edinboro								
2003-04	413	57.3	74.6	62.2	50.8	40.3		35.4
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
Indiana								
2003-04	683	63.5	77.2	64.7	53.2	45.1		49.0
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
Kutztown								
2003-04	393	61.9	84.2	68.7	50.1	38.5		42.7
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
Lock Haven								
2003-04	249	57.5	82.2	63.7	49.2	40.3		na
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
Mansfield								
2003-04	172	64.0	94.1	66.2	47.5	40.0		0
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
Millersville								
2003-04	418	59.1	79.3	63.3	50.2	36.9		na
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
Shippensburg								
2003-04	354	59.6	73.2	64.0	51.7	37.8		38.6
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
Slippery Rock								
2003-04	378	60.2	75.8	60.7	53.6	42.0		na
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
West Chester								
2003-04	634	57.7	79.2	64.8	54.0	37.4		23.7
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

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, 2004 to 2009.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL¹
2003-04 to 2008-09

University	Lower division						Upper division						Total undergraduate						Master's					
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
State-related																								
Lincoln	\$2,458	\$2,946	\$3,671	\$2,545	\$2,694	\$2,758	\$3,777	\$4,718	\$4,621	\$4,445	\$4,895	\$4,226	\$2,796	\$3,405	\$3,897	\$2,882	\$3,093	\$3,078	\$2,006	\$2,040	\$832	\$1,960	\$2,253	\$2,155
Penn State	1,995	2,051	2,128	1,969	2,038	2,070	3,441	3,671	3,906	3,983	4,135	4,001	2,590	2,715	2,851	2,726	2,796	2,836	5,271	5,693	5,837	5,911	6,354	6,810
Pittsburgh	1,958	2,081	2,135	2,291	2,342	2,301	3,655	3,942	4,042	3,911	3,925	4,043	2,513	2,706	2,776	2,845	2,884	2,889	6,585	7,097	7,283	5,543	5,489	5,437
Temple	1,968	1,910	1,933	1,996	2,011	2,105	3,105	3,001	3,058	3,124	3,178	3,281	2,574	2,492	2,539	2,605	2,640	2,740	4,338	4,621	4,857	5,105	4,924	5,355
Total	1,988	2,043	2,116	2,054	2,111	2,139	3,390	3,541	3,692	3,722	3,817	3,801	2,570	2,670	2,775	2,723	2,782	2,826	5,437	5,859	6,013	5,359	5,421	5,606
State-owned																								
Bloomsburg	2,433	2,346	2,331	2,487	2,611	2,626	4,423	4,435	4,405	4,517	4,860	4,922	2,981	2,945	2,930	3,069	3,256	3,284	4,219	4,022	3,928	4,256	4,433	4,500
California	1,828	2,102	2,555	2,319	2,308	2,288	3,306	3,249	3,618	3,749	3,688	3,491	2,298	2,528	2,939	2,884	2,890	2,797	2,732	2,964	3,073	2,956	2,976	2,876
Cheyney	3,532	2,840	3,397	3,492	4,289	3,649	6,228	4,966	6,391	5,393	5,874	5,118	4,135	3,342	4,056	3,961	4,724	4,034	5,047	4,344	3,512	3,784	5,798	5,510
Clarion	2,413	2,469	2,315	2,344	2,429	2,728	4,881	5,015	5,174	5,321	5,466	5,335	3,145	3,222	3,161	3,178	3,248	3,479	5,369	5,482	5,818	5,513	5,255	4,883
East Stroudsburg	2,442	2,342	2,338	2,424	2,643	2,653	4,769	5,283	5,130	5,329	5,146	5,704	3,173	3,264	3,202	3,359	3,456	3,665	3,863	3,766	3,650	3,797	4,168	4,118
Edinboro	2,493	2,467	2,586	2,713	2,784	3,002	4,638	4,927	4,738	5,076	5,387	5,534	3,181	3,264	3,437	3,676	3,835	4,025	6,068	5,721	5,256	5,382	4,984	4,501
Indiana	2,217	2,221	2,318	2,477	2,348	2,451	4,735	4,466	4,699	4,812	4,898	5,121	2,945	2,888	3,070	3,225	3,123	3,255	5,310	5,295	5,182	5,477	5,060	5,300
Kutztown	1,991	1,980	1,979	1,913	1,907	1,940	4,642	4,568	4,486	4,627	4,686	4,848	2,893	2,854	2,824	2,860	2,919	3,012	4,488	4,622	4,759	5,038	5,109	5,523
Lock Haven	2,412	2,190	2,043	2,217	2,374	2,227	4,758	4,353	3,565	4,426	4,850	4,952	3,054	2,826	2,425	2,826	3,063	2,951	3,044	3,867	910	2,587	3,330	3,816
Mansfield	2,531	2,453	2,467	2,831	3,060	2,916	4,799	4,702	4,858	5,207	4,474	4,902	3,490	3,419	3,482	3,877	3,667	3,759	1,671	1,542	1,988	2,020	5,659	4,983
Millersville	2,833	2,650	2,593	2,752	2,817	2,968	4,027	4,157	4,060	4,373	4,453	4,628	3,248	3,203	3,139	3,352	3,435	3,590	2,942	3,192	3,205	3,381	3,748	4,169
Shippensburg	2,458	2,442	2,468	2,459	2,805	2,798	3,715	3,712	3,709	4,178	4,885	5,072	2,859	2,865	2,883	3,012	3,479	3,503	4,993	5,445	5,566	5,686	4,566	4,594
Slippery Rock	2,433	2,510	2,478	2,663	2,604	2,724	4,170	4,002	3,880	3,907	3,712	3,906	2,955	2,970	2,938	3,098	3,020	3,166	5,001	4,767	5,052	4,911	3,971	4,121
West Chester	2,500	2,419	2,341	2,493	2,565	2,674	3,958	3,980	3,942	4,339	4,342	4,350	3,001	2,979	2,915	3,175	3,225	3,310	4,453	4,472	4,721	5,622	5,136	5,160
Total	2,390	2,351	2,352	2,445	2,520	2,576	4,362	4,329	4,301	4,545	4,608	4,727	3,011	2,995	2,998	3,158	3,238	3,316	4,190	4,237	4,072	4,488	4,431	4,455
All universities	2,182	2,192	2,231	2,237	2,299	2,342	3,757	3,846	3,933	4,054	4,139	4,163	2,766	2,816	2,876	2,916	2,983	3,040	4,912	5,144	5,088	4,961	4,974	5,087

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, 2004 to 2009.

Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL¹
2003-04 to 2008-09

University	Lower division						Upper division						Total undergraduate						Master's							
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09		
State-related																										
Lincoln	\$82	\$98	\$122	\$85	\$90	\$92	\$126	\$157	\$154	\$148	\$163	\$141	\$93	\$114	\$130	\$96	\$103	\$103	\$84	\$85	\$35	\$82	\$94	\$90		
Penn State	67	68	71	66	68	69	115	122	130	133	138	133	86	91	95	91	93	95	220	237	243	246	265	284		
Pittsburgh	65	69	71	76	78	77	122	131	135	130	131	135	84	90	93	95	96	96	274	296	303	231	229	227		
Temple	66	64	64	67	67	70	104	100	102	104	106	109	86	83	85	87	88	91	181	193	202	213	205	223		
Total	66	68	71	68	70	71	113	118	123	124	127	127	86	89	93	91	93	94	227	244	251	223	226	234		
State-owned																										
Bloomsburg	81	78	78	83	87	88	147	148	147	151	162	164	99	98	98	102	109	109	176	168	164	177	185	188		
California	61	70	85	77	77	76	110	108	121	125	123	116	77	84	98	96	96	93	114	124	128	123	124	120		
Cheyney	118	95	113	116	143	122	208	166	213	180	196	171	138	111	135	132	157	134	210	181	146	158	242	230		
Clarion	80	82	77	78	81	91	163	167	172	177	182	178	105	107	105	106	108	116	224	228	242	230	219	203		
East Stroudsburg	81	78	78	81	88	88	159	176	171	178	172	190	106	108	107	112	115	122	161	157	152	158	174	172		
Edinboro	83	82	86	90	93	100	155	164	158	169	180	184	106	109	115	123	128	134	253	238	219	224	208	188		
Indiana	74	74	77	83	78	82	158	149	157	160	163	171	98	96	102	108	104	109	221	221	216	228	211	221		
Kutztown	66	66	66	64	64	65	155	152	150	154	156	162	96	95	94	95	97	100	187	193	198	210	213	230		
Lock Haven	80	73	68	74	79	74	159	145	119	148	162	165	102	94	81	94	102	98	127	161	38	108	139	159		
Mansfield	84	82	82	94	102	97	160	157	162	174	149	163	116	114	116	129	122	125	70	64	83	84	236	208		
Millersville	94	88	86	92	94	99	134	139	135	146	148	154	108	107	105	112	115	120	123	133	134	141	156	174		
Shippensburg	82	81	82	82	94	93	124	124	124	139	163	169	95	96	96	100	116	117	208	227	232	237	190	191		
Slippery Rock	81	84	83	89	87	91	139	133	129	130	124	130	99	99	98	103	101	106	208	199	211	205	165	172		
West Chester	83	81	78	83	86	89	132	133	131	145	145	145	100	99	97	106	108	110	186	186	197	234	214	215		
Total	80	78	78	82	84	86	145	144	143	152	154	158	100	100	100	105	108	111	175	177	170	187	185	186		
All universities	73	73	74	75	77	78	125	128	131	135	138	139	92	94	96	97	99	101	205	214	212	207	207	212		

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, 2004 to 2009.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL¹
2003-04 to 2008-09

University	Lower division						Upper division						Total undergraduate						Master's					
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
State-related																								
Lincoln	23	23	23	24	24	24	15	15	15	14	15	17	21	21	21	21	22	22	14	14	15	15	14	15
Penn State	30	30	30	31	31	31	26	26	25	25	25	26	29	28	28	29	29	29	15	14	14	14	14	14
Pittsburgh	30	30	30	29	29	30	24	24	24	24	23	24	28	27	28	27	27	28	17	17	17	17	16	17
Temple	29	30	30	30	30	29	23	23	24	25	24	24	26	26	27	27	27	27	15	14	14	14	14	14
Total	30	30	30	30	30	30	25	25	24	24	24	25	28	27	27	28	28	28	15	15	15	15	15	15
State-owned																								
Bloomsburg	30	30	30	30	30	30	19	19	19	19	18	18	26	26	26	26	26	26	13	13	13	12	13	12
California	29	31	28	31	32	31	19	20	20	22	22	22	25	25	25	26	27	27	15	17	19	19	20	20
Cheyney	25	25	25	23	23	25	17	13	17	16	19	20	23	21	23	21	22	23	10	12	14	11	13	12
Clarion	36	34	38	37	35	33	16	15	16	16	15	16	27	25	27	27	26	26	11	11	12	12	12	13
East Stroudsburg	28	29	32	32	26	30	17	15	22	23	20	21	23	23	29	29	24	27	12	13	17	17	12	16
Edinboro	28	27	27	27	29	28	17	15	20	21	21	22	23	21	24	24	25	25	9	9	12	12	14	15
Indiana	33	33	32	33	34	34	15	16	15	15	18	18	25	25	24	25	27	27	12	12	13	12	13	13
Kutztown	32	32	32	34	35	36	17	17	17	17	17	17	25	25	25	26	26	26	12	13	12	12	11	11
Lock Haven	33	30	32	29	29	30	21	20	22	14	13	13	29	27	29	22	22	22	17	19	65	13	12	13
Mansfield	27	26	27	25	25	25	20	19	18	18	17	16	24	23	22	22	21	21	18	19	19	16	17	18
Millersville	28	28	29	29	29	29	22	22	21	22	22	22	25	25	25	26	26	26	17	16	16	16	16	15
Shippensburg	30	30	30	29	30	30	24	24	24	23	19	19	28	28	28	27	25	26	16	15	14	14	14	14
Slippery Rock	32	33	33	32	32	33	17	18	20	20	20	21	26	26	27	27	26	27	11	11	11	13	14	14
West Chester	26	26	27	26	27	27	17	17	17	15	16	17	22	22	22	20	22	22	12	12	11	9	12	12
Total	30	30	30	30	30	31	18	18	19	18	18	19	25	24	25	25	25	25	13	13	15	13	14	14
All universities	30	30	30	30	30	30	22	21	22	21	22	22	26	26	26	26	26	27	14	14	15	14	14	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, 2004 to 2009.

Historical Table 9

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS¹
2003-04 to 2008-09
(in millions)

University	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
State-related						
Lincoln	\$12.2	\$12.6	\$12.9	\$13.5	\$13.8	\$13.6
Penn State	232.8	241.2	247.2	258.3	263.5	267.5
Pittsburgh	145.6	150.4	154.2	161.1	164.3	156.8
Temple	153.0	157.9	161.8	169.5	172.9	165.0
Total	543.6	562.1	576.1	602.5	614.5	602.8
State-owned						
Bloomsburg	31.8	33.5	34.7	36.4	36.9	36.4
California	27.8	28.3	28.9	32.4	34.6	35.3
Cheyney	12.7	13.2	12.0	12.0	14.7	15.3
Clarion	28.1	28.1	26.8	27.6	27.2	27.5
East Stroudsburg	22.5	22.8	23.7	24.8	25.9	26.0
Edinboro	29.5	29.2	28.5	28.8	29.2	28.3
Indiana	55.9	56.7	60.1	62.2	63.8	61.5
Kutztown	31.4	33.7	35.7	38.8	40.8	40.8
Lock Haven	20.0	20.5	21.1	22.1	23.5	22.9
Mansfield	16.5	16.4	16.8	16.9	19.3	19.0
Millersville	32.4	35.5	37.5	38.5	38.1	37.1
Shippensburg	30.1	31.5	31.9	32.2	33.8	32.4
Slippery Rock	30.8	32.2	34.7	37.7	38.2	37.8
West Chester	44.0	47.2	50.8	52.5	53.8	52.9
Total ²	413.5	428.8	443.3	463.0	479.8	473.1
All universities ²	957.1	990.9	1,019.4	1,065.4	1,094.3	1,075.9

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, 2005-06 to 2009-10*; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2004 to 2009.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS
BY ACADEMIC LEVEL AND RESIDENCE
2003-04 to 2008-09

University	Undergraduate		Graduate ¹	
	In-State	Out-of-State	In-State	Out-of-State
State-related				
Lincoln				
2003-04	\$6,216	\$10,136	\$7,808	\$13,426
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
Penn State				
Main Campus				
2003-04	9,206	18,828	10,420	20,240
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
Pittsburgh				
Main Campus				
2003-04	9,274	18,586	12,304	23,470
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
Temple				
2003-04	8,594	15,354	10,780	15,484
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
State-owned				
Bloomsburg				
2003-04	5,844	12,792	6,719	10,081
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
California				
2003-04	6,007	12,955	6,885	10,247
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
Cheyney				
2003-04	5,403	12,301	6,048	9,410
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
Clarion				
2003-04	5,998	9,448	6,725	10,037
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
East Stroudsburg				
2003-04	5,979	12,929	6,725	10,087
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

Edinboro				
2003-04	5,766	8,346	6,956	10,366
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
Indiana				
2003-04	5,785	12,733	6,459	9,821
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
Kutztown				
2003-04	5,775	12,725	6,616	9,978
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
Lock Haven				
2003-04	5,874	10,822	7,162	10,524
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
Mansfield				
2003-04	5,922	12,870	6,600	9,962
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
Millersville				
2003-04	5,819	12,767	6,626	9,988
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
Shippensburg				
2003-04	5,746	12,694	6,426	9,788
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
Slippery Rock				
2003-04	5,801	12,724	7,137	10,996
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
West Chester				
2003-04	5,756	12,704	6,530	9,892
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

1. Excludes first-professional level.

SOURCE: Pennsylvania Department of Education, *Colleges and Universities-Education Digest*, 2003-04 to 2004-05; data provided by the Pennsylvania Department of Education, *College and University Student Charges*, (January 19, 2010).

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APPENDIX: MODEL OF FTE SALARY COST DETERMINATION

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

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

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

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

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

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

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