

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

**Staff Analysis of 2007-08 Data
Reported Under the Public School Code**

FEBRUARY 2009



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

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

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STATE-RELATED AND STATE-OWNED UNIVERSITIES
AND BRANCH CAMPUSES
(WITH COUNTIES)

State-Related Universities

Lincoln (Chester)

Penn State University Park (Centre)
Abington (Montgomery)
Altoona (Blair)
Beaver (Beaver)
Behrend College (Erie)
Berks (Berks)
Brandywine (Delaware)
DuBois (Clearfield)
Eberly (Fayette)
Great Valley (Chester)
Greater Allegheny (Allegheny)
Harrisburg (Dauphin)
Hazleton (Luzerne)
Lehigh Valley (Lehigh)
Mont Alto (Franklin)
New Kensington (Westmoreland)
Schuylkill (Schuylkill)
Shenango (Mercer)
Wilkes-Barre (Luzerne)
Worthington Scranton (Lackawanna)
York (York)

Dickinson School of Law (Cumberland)**
Milton S. Hershey Medical Center (Dauphin)*
Pennsylvania College of Technology (Lycoming)**

Pittsburgh (Allegheny)*
Bradford Campus (McKean)
Greensburg Campus (Westmoreland)
Johnstown Campus (Cambria)
Titusville Campus (Crawford)

Temple (Philadelphia)*
Ambler Campus (Montgomery)
Harrisburg Center (Dauphin)

State-Owned Universities

Bloomsburg (Columbia)

California (Washington)

Cheyney (Delaware)

Clarion (Clarion)
Venango Campus (Venango)

East Stroudsburg (Monroe)

Edinboro (Erie)

Indiana (Indiana)
Armstrong Campus (Armstrong)
Punxsutawney Campus (Jefferson)

Kutztown (Berks)

Lock Haven (Clinton)
Clearfield Campus (Clearfield)

Mansfield (Tioga)

Millersville (Lancaster)

Shippensburg (Cumberland)

Slippery Rock (Butler)

West Chester (Chester)

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

FOREWORD

This 36th 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 annual appropriation acts for the State-related universities, and the Public School Code for the State-owned universities. 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 2007-08 and data trends for 2002-03 to 2007-08 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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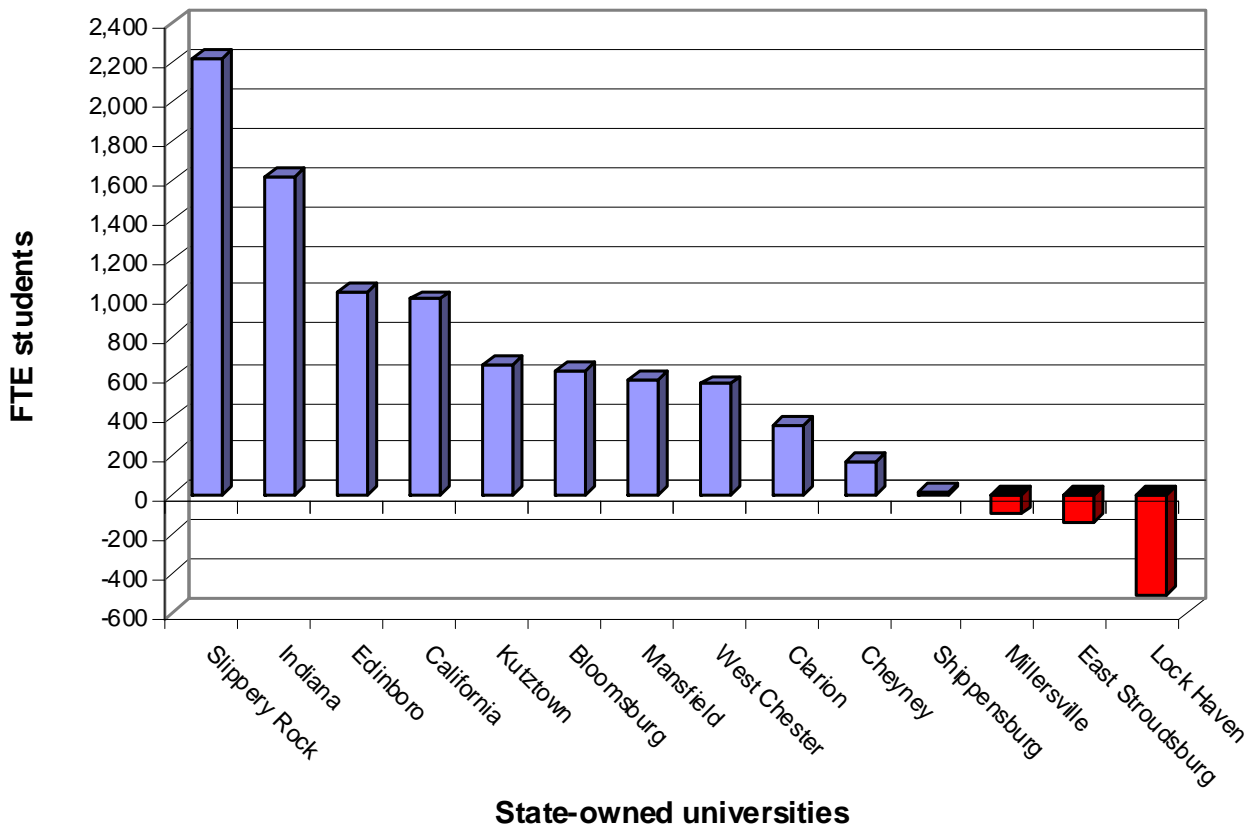
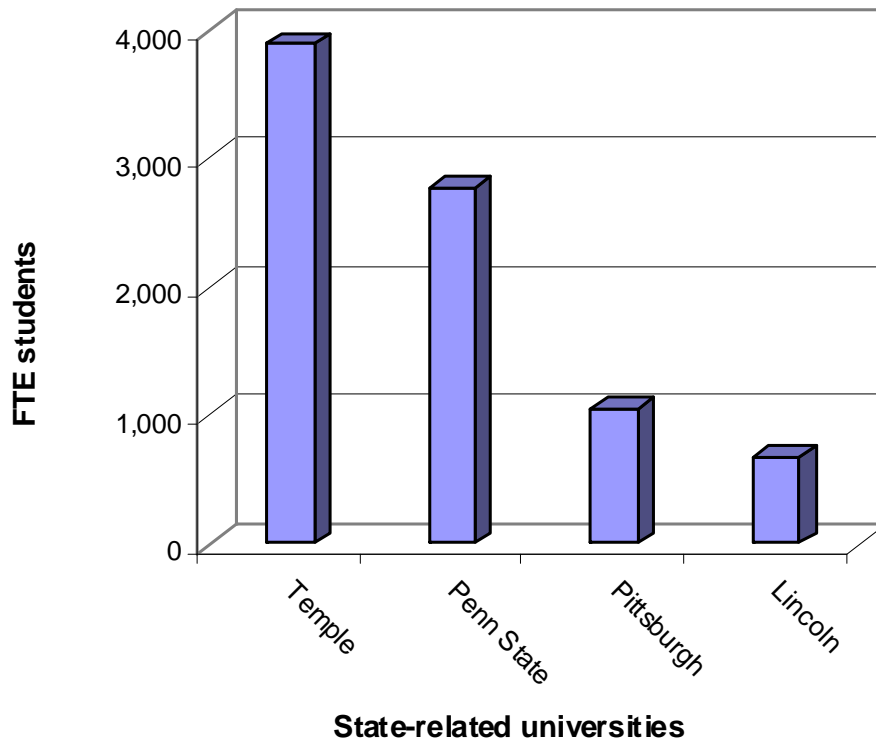
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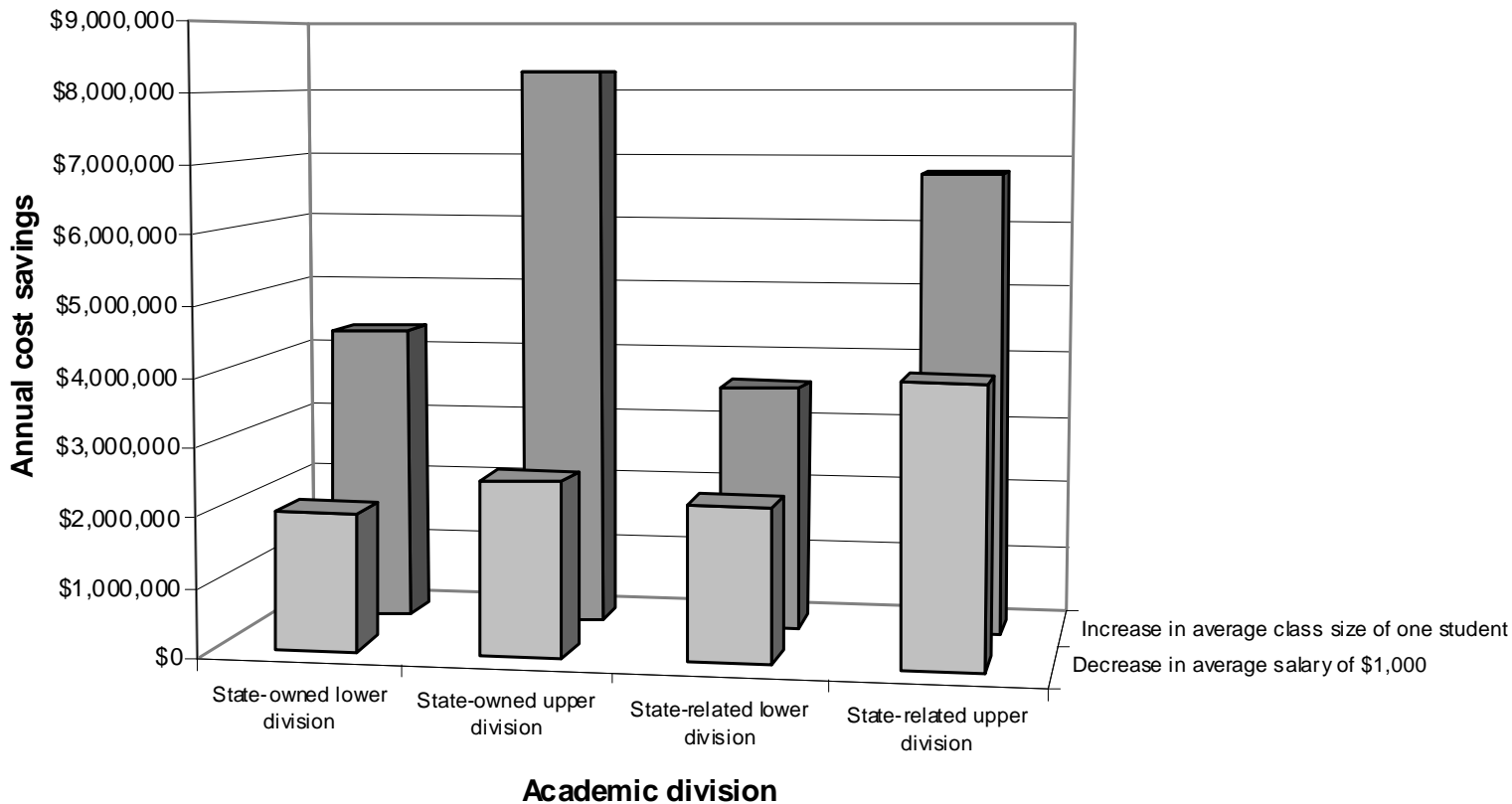
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**CHANGES IN FTE STUDENT ENROLLMENTS
IN THE STATE-RELATED AND STATE-OWNED UNIVERSITIES
2002-03 to 2007-08**



SOURCE: Data provided by the individual universities, 2003 to 2008.

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
 2007-08



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 \$11 million, and from *increasing* average class (section) size by one student almost \$23 million. The model on which these estimates are based is given in the Appendix.

SOURCE: Data provided by the individual universities, 2008.

I. CURRENT YEAR DATA

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Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
 2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

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	2,496	166	7%	7%	1,980	179	10%	6%	516	-13	-2%	11%
Penn State	75,250	1,608	2	1	68,404	1,706	3	1	6,846	-98	-1	-1
Pittsburgh	31,921	397	1	1	23,309	290	1	a	8,612	107	1	2
Temple	32,669	1,221	4	3	25,779	1,024	4	5	6,890	197	3	-3
Total	142,336	3,392	2	1	119,472	3,199	3	2	22,864	193	1	-1
State-owned												
Bloomsburg	8,456	62	1	1	7,781	83	1	1	675	-21	-3	4
California	8,104	401	5	8	6,599	298	5	7	1,505	103	7	13
Cheyney	1,496	-247	-14	a	1,369	-206	-13	4	127	-41	-24	-12
Clarion	6,117	105	2	a	5,523	-12	a	-1	594	117	25	14
East Stroudsburg	6,593	109	2	2	5,868	86	1	2	725	23	3	-2
Edinboro	6,600	-7	a	-1	5,824	-109	-2	-2	776	102	15	12
Indiana	13,978	292	2	1	12,255	233	2	1	1,723	59	4	5
Kutztown	9,413	188	2	4	8,810	184	2	4	603	4	1	3
Lock Haven	5,416	49	1	5	5,124	49	1	5	292	0	0	1
Mansfield	3,079	-40	-1	-1	2,852	-28	-1	-1	227	-12	-5	3
Millersville	7,932	-4	a	1	7,074	58	1	2	858	-62	-7	-4
Shippensburg	7,045	157	2	1	6,433	134	2	a	612	23	4	4
Slippery Rock	8,192	163	2	3	7,493	101	1	3	699	62	10	5
West Chester	12,301	450	4	1	10,922	378	4	1	1,379	72	6	2
Total	104,722	1,678	2	2	93,927	1,249	1	2	10,795	429	4	3
All universities	247,058	5,070	2	1	213,399	4,448	2	2	33,659	622	2	1

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

2. 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, 2003 to 2008.

Table 2

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL¹
2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

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	1,621	10%	10%	359	11%	-2%	516	-2%	11%	na	na	na
Penn State	43,649	5	2	24,755	-1	-1	2,945	6	-4	3,901	-6%	3%
Pittsburgh	15,327	1	a	7,982	1	2	5,521	3	2	3,091	-2	1
Temple	11,890	4	4	13,889	4	6	2,982	5	-3	3,908	1	-3
Total	72,487	4	2	46,985	1	1	11,964	4	-1	10,900	-3	a
State-owned												
Bloomsburg	5,550	1	1	2,231	1	2	620	-2	2	55	-14	--
California	3,817	a	3	2,782	12	15	1,505	7	13	na	na	na
Cheyney	993	-16	3	376	-3	6	127	-24	-12	na	na	na
Clarion	4,034	1	-1	1,489	-4	-2	594	25	14	na	na	na
East Stroudsburg	3,962	1	2	1,906	2	4	707	3	-2	18	6	--
Edinboro	3,472	-1	-4	2,352	-3	2	776	15	12	na	na	na
Indiana	8,601	4	a	3,654	-3	1	1,078	-16	a	645	70	21
Kutztown	5,602	a	3	3,208	7	6	603	1	3	na	na	na
Lock Haven	3,690	1	5	1,434	2	5	292	0	1	na	na	na
Mansfield	1,626	1	-2	1,226	-3	a	227	-5	3	na	na	na
Millersville	4,406	a	1	2,668	3	4	858	-7	-4	na	na	na
Shippensburg	4,346	2	-1	2,087	3	2	612	4	4	na	na	na
Slippery Rock	4,681	-3	a	2,812	9	9	478	15	4	221	a	8
West Chester	6,863	3	a	4,059	4	4	1,379	6	2	na	na	na
Total	61,643	1	a	32,284	3	4	9,856	2	3	939	38	20
All universities	134,130	2	1	79,269	2	2	21,820	3	a	11,839	a	1

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

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

SOURCE: Data provided by the individual universities, 2003 to 2008.

Table 3A

LINCOLN UNIVERSITY
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS¹
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
2007-08

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	174	7%	73	5%	89	25%	12	2%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	222	9	146	9	18	5	58	11
Engineering	--	--	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	62	2	52	3	10	3	--	--
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	337	14	291	18	46	13	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	137	6	123	7	14	4	--	--
Mathematics and Statistics	232	9	223	14	9	3	--	--
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	111	4	91	6	20	5	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	101	4	92	6	9	3	--	--
Physical Sciences	117	5	105	6	12	3	--	--
Psychology	94	4	57	4	37	10	--	--
Security and Protective Services/ Public Administration and Services	446	18	--	--	--	--	446	87
Social Sciences and History	356	14	266	16	90	25	--	--
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	106	4	103	6	3	1	--	--
Other	--	--	--	--	--	--	--	--
Total ³	2,496	100	1,621	100	359	100	516	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, 2008; 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
2007-08

CIP Classification	Total	Percentage of total	Undergraduate				Graduate ²	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	1,191	2%	373	1%	626	3%	192	3%
Architecture and Related Services	493	1	241	1	241	1	11	a
Area, Ethnic, Cultural and Gender Studies	845	1	520	1	279	1	46	1
Business	8,272	11	2,519	6	4,683	19	1,070	16
Communications	3,891	5	2,552	6	1,234	5	105	2
Computer and Information Sciences and Support Services	2,141	3	1,228	3	644	3	269	4
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	2,794	4	467	1	1,154	4	1,173	17
Engineering	5,878	8	1,661	4	3,021	12	1,196	17
Foreign Languages, Literature and Linguistics	3,959	5	2,962	7	801	3	196	3
Health Professions and Related Clinical Sciences	1,692	2	557	1	964	4	171	2
Family and Consumer Sciences/ Human Sciences	2,218	3	1,282	3	843	3	93	1
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	--	--	--	--	--
English Language and Literature/Letters	4,680	6	2,856	7	1,684	7	140	2
Liberal Arts and Sciences, General Studies and Humanities	281	a	187	a	84	a	10	a
Library Science	5	a	2	a	3	a	--	--
Biological and Biomedical Sciences	4,433	6	2,992	7	1,058	4	383	6
Mathematics and Statistics	7,122	10	6,482	15	413	2	227	3
Military Technologies	91	a	45	a	46	a	--	--
Multi/Interdisciplinary Studies	283	a	181	a	68	a	34	a
Parks, Recreation, Leisure and Fitness Studies	2,215	3	974	2	1,189	5	52	1
Personal and Social Development	34	a	27	a	7	a	--	--
Philosophy and Religion/Theology	1,159	2	946	2	186	1	27	a
Physical Sciences	5,663	8	3,995	9	1,119	5	549	8
Psychology	3,147	4	1,900	4	953	4	294	4
Security and Protective Services/ Public Administration and Services	903	1	373	1	418	2	112	2
Social Sciences and History	6,091	8	3,992	9	1,786	7	313	5
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	4,049	5	2,948	7	967	4	134	2
Other	1,718	2	1,388	3	282	1	48	1
Total ³	75,250	100	43,649	100	24,755	100	6,846	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, 2008; 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
 2007-08

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	123	a	62	a	61	1%	--	--
Business	2,774	9%	554	4%	1,288	16	932	11%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	778	3	357	2	173	2	248	3
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,649	5	372	2	388	5	889	10
Engineering	1,642	5	539	4	695	9	408	5
Foreign Languages, Literature and Linguistics	1,650	5	1,153	8	393	5	104	1
Health Professions and Related Clinical Sciences	4,227	13	385	3	816	10	3,026	35
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	831	3	--	--	14	a	817	9
English Language and Literature/Letters	3,071	10	2,177	14	772	10	122	1
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	305	1	8	a	5	a	292	3
Biological and Biomedical Sciences	1,112	4	816	5	246	3	50	1
Mathematics and Statistics	1,925	6	1,536	10	279	4	110	1
Military Technologies	13	a	6	a	7	a	--	--
Multi/Interdisciplinary Studies	1,209	4	687	4	437	6	85	1
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	666	2	425	3	193	2	48	1
Physical Sciences	2,243	7	1,857	12	164	2	222	3
Psychology	1,704	5	1,061	7	418	5	225	3
Security and Protective Services/ Public Administration and Services	1,358	4	141	1	387	5	830	10
Social Sciences and History	3,554	11	2,334	15	1,061	13	159	2
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	1,086	3	855	6	185	2	46	a
Other	--	--	--	--	--	--	--	--
Total ³	31,921	100	15,327	100	7,982	100	8,612	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, 2008; 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
 2007-08

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	410	1%	152	1%	227	2%	31	a
Business	3,989	12	947	8	2,497	18	545	8%
Communications	1,552	5	522	4	950	7	80	1
Computer and Information Sciences and Support Services	487	1	216	2	243	2	28	a
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,446	4	270	2	705	5	471	7
Engineering	530	2	158	1	311	2	61	1
Foreign Languages, Literature and Linguistics	1,392	4	765	6	589	4	38	a
Health Professions and Related Clinical Sciences	4,082	12	391	3	1,080	8	2,611	40
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	1,742	5	191	2	227	2	1,324	19
English Language and Literature/Letters	1,571	5	1,019	9	506	3	46	1
Liberal Arts and Sciences, General Studies and Humanities	1,056	3	794	7	253	2	9	a
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	818	3	201	2	385	3	232	3
Mathematics and Statistics	1,669	5	1,119	9	481	3	69	1
Military Technologies	6	a	3	a	3	a	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	177	1	55	1	92	1	30	a
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	850	3	428	4	374	3	48	1
Physical Sciences	1,607	5	909	8	620	4	78	1
Psychology	1,358	4	479	4	610	4	269	4
Security and Protective Services/ Public Administration and Services	1,188	4	229	2	524	4	435	6
Social Sciences and History	3,527	11	1,713	14	1,618	12	196	3
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	2,640	8	1,044	9	1,334	9	262	4
Other	--	--	--	--	--	--	--	--
Total ³	32,669	100	11,890	100	13,889	100	6,890	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, 2008; 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
2007-08

CIP Classification	Total	Percentage of total	Undergraduate				Graduate ²	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	181	a	157	a	20	a	4	a
Architecture and Related Services	26	a	3	a	14	a	9	a
Area, Ethnic, Cultural and Gender Studies	522	1%	266	a	250	1%	6	a
Business	8,552	8	3,099	5%	4,749	15	704	7%
Communications	3,784	4	2,451	4	1,204	4	129	1
Computer and Information Sciences and Support Services	2,518	2	1,949	3	465	2	104	1
Personal and Culinary Services	549	1	439	1	110	a	--	--
Education	15,091	14	3,621	6	6,840	21	4,630	43
Engineering	511	1	198	a	239	1	74	1
Foreign Languages, Literature and Linguistics	2,616	3	2,217	4	333	1	66	1
Health Professions and Related Clinical Sciences	4,678	4	1,305	2	2,189	7	1,184	11
Family and Consumer Sciences/ Human Sciences	577	1	226	a	317	1	34	a
Technology Education/Industrial Arts	415	a	143	a	143	a	129	1
Legal Professions and Studies	347	a	193	a	51	a	103	1
English Language and Literature/Letters	8,220	8	6,415	10	1,542	5	263	3
Liberal Arts and Sciences, General Studies and Humanities	888	1	425	1	414	1	49	1
Library Science	479	a	32	a	91	a	356	3
Biological and Biomedical Sciences	4,759	5	3,636	6	983	3	140	1
Mathematics and Statistics	5,678	5	5,010	8	583	2	85	1
Military Technologies	107	a	62	a	45	a	--	--
Multi/Interdisciplinary Studies	459	a	338	1	101	a	20	a
Parks, Recreation, Leisure and Fitness Studies	3,635	3	1,394	2	1,405	4	836	8
Personal and Social Development	1,044	1	1,014	2	26	a	4	a
Philosophy and Religion/Theology	1,920	2	1,571	3	322	1	27	a
Physical Sciences	5,689	5	4,913	8	741	2	35	a
Psychology	6,030	6	3,549	6	1,807	6	674	6
Security and Protective Services/ Public Administration and Services	2,823	3	930	2	1,429	5	464	4
Social Sciences and History	13,803	13	10,139	16	3,307	10	357	3
Trade and Industrial	2	a	2	a	--	--	--	--
Visual and Performing Arts	7,193	7	5,236	9	1,821	6	136	1
Other	1,648	2	714	1	756	2	178	2
Total ³	104,722	100	61,643	100	32,284	100	10,795	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, 2008; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 4

DEGREES CONFERRED¹
2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

University	Total				Bachelor's				Graduate ²			
	Degrees	One-year change	Percentage change		Degrees	One-year change	Percentage change		Degrees	One-year change	Percentage change	
		One-year	Five-year			One-year	Five-year		One-year	One-year	Five-year	
		change	average			change	average		change	average	average	
State-related												
Lincoln	440	20	5%	5%	227	-2	-1%	2%	213	22	12%	9%
Penn State	15,312	-209	-1	1	12,445	-287	-2	1	2,867	78	3	2
Pittsburgh	7,721	284	4	2	4,852	128	3	1	2,869	156	6	2
Temple	7,395	135	2	4	5,068	188	4	7	2,327	-53	-2	a
Total	30,868	230	1	2	22,592	27	a	2	8,276	203	3	1
State-owned												
Bloomsburg	1,889	51	3	3	1,544	28	2	2	345	23	7	5
California	1,965	234	14	9	1,242	156	14	5	723	78	12	20
Cheyney	203	4	2	-6	153	4	3	-1	50	0	0	-13
Clarion	1,094	-88	-7	1	823	-107	-12	-2	271	19	8	13
East Stroudsburg	1,542	130	9	6	1,230	93	8	7	312	37	13	2
Edinboro	1,410	26	2	1	1,062	-35	-3	-1	348	61	21	14
Indiana	2,898	-108	-4	3	2,099	-215	-9	2	799	107	15	8
Kutztown	1,908	32	2	4	1,652	69	4	5	256	-37	-13	1
Lock Haven	887	25	3	3	810	49	6	4	77	-24	-24	-1
Mansfield	659	-41	-6	a	508	-56	-10	-3	151	15	11	18
Millersville	1,660	65	4	4	1,425	64	5	4	235	1	a	8
Shippensburg	1,609	-72	-4	1	1,271	-53	-4	1	338	-19	-5	3
Slippery Rock	1,752	3	a	5	1,511	13	1	5	241	-10	-4	5
West Chester	2,681	-58	-2	3	2,106	-54	-3	3	575	-4	-1	4
Total	22,157	203	1	3	17,436	-44	a	3	4,721	247	6	7
All universities	53,025	433	1	3	40,028	-17	a	2	12,997	450	4	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 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, 2003 to 2008.

Table 5

NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY
FALL 2007, AND PERCENTAGE CHANGE FROM FALL 2006

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	Total work- week		
		Under- graduate	Percentage change	Graduate	Percentage change		Percentage change	Percentage change					
State-related													
Lincoln	104	12.0	4%	0.7	-13%	20.7	6%	9.9	10%	10.8	-4%	54.1	4%
Penn State	3,699	6.8	1	1.5	7	19.2	-1	17.5	-2	6.5	3	51.5	0
Pittsburgh	1,955	4.7	-4	2.8	0	13.4	6	22.0	a	9.1	1	52.0	1
Temple	1,252	5.6	2	3.1	-6	18.8	-1	13.9	-2	10.5	1	51.9	-1
Total	7,010	6.0	0	2.1	0	17.5	1	18.0	-1	8.0	3	51.6	a
State-owned													
Bloomsburg	393	10.8	-3	1.0	-17	17.5	-1	10.4	12	17.5	0	57.2	1
California	307	8.6	-5	1.3	0	14.1	0	5.3	0	14.5	0	43.8	-1
Cheyney	99	10.0	-13	0.2	--	14.5	-8	7.7	12	19.5	17	51.9	2
Clarion	272	10.9	3	1.0	-9	20.4	-1	7.0	-5	14.4	-1	53.7	-1
East Stroudsburg	321	12.1	5	1.7	6	18.5	1	8.7	4	17.5	-3	58.5	1
Edinboro	348	10.8	0	1.9	36	15.3	-7	8.3	2	16.3	2	52.6	a
Indiana	700	9.8	0	1.7	6	18.6	1	9.5	-3	19.9	-4	59.5	-1
Kutztown	445	11.8	0	0.8	14	16.8	-5	7.2	-3	15.9	-1	52.5	-2
Lock Haven	264	11.1	2	0.3	-25	18.9	1	6.3	-2	16.9	-9	53.5	-3
Mansfield	146	7.5	4	0.3	0	20.4	-2	9.1	-6	12.2	-4	49.5	-3
Millersville	322	10.1	1	1.0	25	17.4	6	8.0	-4	17.7	1	54.2	2
Shippensburg	314	9.6	2	0.8	-11	17.6	-1	9.2	3	18.0	3	55.2	1
Slippery Rock	366	9.9	-5	1.0	11	18.5	3	9.0	-1	16.9	-5	55.3	-2
West Chester	573	9.7	0	1.8	6	16.9	-3	11.9	1	17.4	-5	57.7	-2
Total	4,870	10.2	0	1.2	9	17.7	-1	8.9	1	17.1	-2	55.1	-1
All universities	11,880	7.6	0	1.8	0	17.6	1	14.7	0	11.4	0	53.1	a

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

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

3. Includes course preparation and evaluation.

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2007 and 2008.

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK¹
2007-08
(Dollars in thousands)

University	FTE instructional faculty		Average instructional salary		Professor		Associate professor		Assistant professor		Instructor		No rank ²	
	Number	Percentage change 2006-07 to 2007-08	Amount	Percentage change 2006-07 to 2007-08	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty
State-related														
Lincoln	168	1%	\$43.3	13%	\$74.6	18%	\$64.4	15%	\$37.3	24%	\$23.9	24%	\$27.5	19%
Penn State	4,314	2	65.5	3	112.4	16	83.6	18	68.5	18	39.6	19	43.1	29
Pittsburgh	2,036	1	58.2	2	98.0	17	65.8	20	52.8	21	30.8	15	46.1	27
Temple	1,768	2	58.3	2	104.8	18	77.8	15	50.8	12	37.3	23	41.0	32
Total	8,286	2	61.7	2	106.2	17	77.3	18	60.5	17	36.9	19	43.1	29
State-owned														
Bloomsburg	424	3	67.5	4	87.3	29	71.3	24	56.8	35	42.8	12	0	a
California	331	6	71.0	-1	93.2	27	71.4	27	63.0	29	46.8	16	42.2	1
Cheyney	102	-23	70.8	36	102.1	15	105.5	13	67.2	37	49.0	35	na	na
Clarion	305	4	69.1	1	90.0	32	71.6	23	60.7	28	40.4	17	na	na
East Stroudsburg	357	3	65.4	3	85.6	28	69.7	25	57.3	29	42.4	18	na	na
Edinboro	370	-7	70.7	10	93.7	28	74.8	24	60.9	30	42.8	16	0	a
Indiana	707	-1	67.2	2	85.4	31	72.0	26	57.0	31	40.6	10	21.9	2
Kutztown	452	4	63.7	a	90.5	21	71.5	25	54.1	35	41.1	19	na	na
Lock Haven	326	11	50.9	-1	82.2	17	65.2	23	36.6	47	37.4	13	0	a
Mansfield	176	-4	66.7	5	95.5	19	73.5	27	58.6	30	47.4	23	0	1
Millersville	428	a	64.3	4	84.9	28	69.3	25	55.3	29	39.5	18	na	na
Shippensburg	360	-1	69.8	5	89.2	30	71.8	25	58.0	39	40.8	6	na	na
Slippery Rock	389	2	63.9	-4	79.9	27	65.4	24	57.1	33	49.2	16	64.2	a
West Chester	689	3	61.4	1	87.0	23	71.7	22	58.0	22	39.3	33	27.9	a
Total	5,416	1	65.4	3	87.7	26	71.1	24	56.0	32	42.0	18	26.9	a
All universities	13,702	1	63.2	3	96.9	21	74.4	20	58.0	23	38.8	18	42.9	18

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, 2007 and 2008.

Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL¹
2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

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	\$2,694	-3%	2%	\$4,895	-5%	6%	\$3,093	-4%	2%	\$2,253	3%	18%
Penn State	2,038	4	2	4,135	4	4	2,796	3	3	6,354	7	a
Pittsburgh	2,342	2	7	3,925	a	3	2,884	1	5	5,489	-1	-3
Temple	2,011	1	a	3,178	2	1	2,640	1	1	4,924	-4	4
Total	2,111	3	3	3,817	3	3	2,782	2	3	5,421	1	-1
State-owned												
Bloomsburg	2,611	5	2	4,860	8	1	3,256	6	2	4,433	4	-2
California	2,308	a	1	3,688	-2	a	2,890	a	2	2,976	1	-3
Cheyney	4,289	23	1	5,874	9	-1	4,724	19	a	5,798	53	19
Clarion	2,429	4	a	5,466	3	1	3,248	2	1	5,255	-5	2
East Stroudsburg	2,643	9	1	5,146	-3	1	3,456	3	1	4,168	10	a
Edinboro	2,784	3	3	5,387	6	2	3,835	4	4	4,984	-7	-4
Indiana	2,348	-5	-1	4,898	2	a	3,123	-3	a	5,060	-8	-2
Kutztown	1,907	a	-2	4,686	1	-1	2,919	2	-1	5,109	1	2
Lock Haven	2,374	7	a	4,850	10	2	3,063	8	1	3,330	29	-9
Mansfield	3,060	8	4	4,474	-14	-2	3,667	-5	a	5,659	180	34
Millersville	2,817	2	-2	4,453	2	1	3,435	2	a	3,748	11	7
Shippensburg	2,805	14	2	4,885	17	5	3,479	16	4	4,566	-20	-2
Slippery Rock	2,604	-2	a	3,712	-5	-3	3,020	-3	-1	3,971	-20	-5
West Chester	2,565	3	a	4,342	a	a	3,225	2	1	5,136	-9	3
Total	2,520	3	a	4,608	1	a	3,238	3	1	4,431	-1	a
All universities	2,299	3	1	4,139	2	2	2,983	2	2	4,974	a	a

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2003 to 2008.

Table 8A

LINCOLN UNIVERSITY
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT¹
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION
 2007-08

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	\$2,479	\$3,670	\$3,134	\$5,921	--	--
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--
Education	2,098	6,117	2,547	3,273	--	--
Engineering	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	1,638	3,758	1,976	--	--	--
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	2,512	3,808	2,690	--	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	2,040	6,059	2,444	--	--	--
Mathematics and Statistics	2,785	10,450	3,092	--	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	2,517	3,409	2,676	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,675	8,555	3,217	--	--	--
Physical Sciences	5,268	13,229	6,099	--	--	--
Psychology	2,847	5,971	4,079	--	--	--
Security and Protective Services/ Public Administration and Services	--	--	--	2,023	--	--
Social Sciences and History	2,132	4,045	2,617	--	--	--
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	4,248	8,661	4,366	--	--	--
Other	--	--	--	--	--	--
Total	2,694	4,895	3,093	2,253	--	--

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, 2008; 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
 2007-08

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional ²	Doctor's
Agriculture	\$2,633	\$4,292	\$3,672	\$9,762	--	\$17,205
Architecture and Related Services	3,240	5,478	4,360	--	--	30,606
Area, Ethnic, Cultural and Gender Studies	3,006	5,159	3,758	7,986	--	25,454
Business	1,489	3,947	3,087	4,607	--	9,526
Communications	1,806	4,474	2,676	8,353	--	20,678
Computer and Information Sciences and Support Services	3,658	6,041	4,478	6,356	--	28,332
Personal and Culinary Services	--	--	--	--	--	--
Education	3,421	4,713	4,341	2,758	--	10,946
Engineering	3,772	4,344	4,141	8,605	--	23,184
Foreign Languages, Literature and Linguistics	2,105	3,114	2,320	7,317	--	17,101
Health Professions and Related Clinical Sciences	3,713	4,603	4,277	6,252	--	16,825
Family and Consumer Sciences/ Human Sciences	1,030	3,855	2,151	5,986	--	14,719
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	--	--	--
English Language and Literature/Letters	2,663	3,340	2,914	8,984	--	21,801
Liberal Arts and Sciences, General Studies and Humanities	3,606	9,176	5,326	9,968	--	20,876
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	1,587	3,266	2,026	9,041	--	19,068
Mathematics and Statistics	2,139	4,735	2,294	5,044	--	23,928
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	3,547	8,423	4,887	9,976	--	31,727
Parks, Recreation, Leisure and Fitness Studies	1,807	3,213	2,580	18,136	--	23,786
Personal and Social Development	--	4,820	4,820	--	--	--
Philosophy and Religion/Theology	1,731	3,548	2,029	11,043	--	13,709
Physical Sciences	2,021	3,522	2,349	13,536	--	21,914
Psychology	1,061	4,798	2,310	5,630	--	14,568
Security and Protective Services/ Public Administration and Services	2,128	4,347	3,301	4,252	--	20,626
Social Sciences and History	1,367	3,563	2,045	9,067	--	24,237
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	1,818	5,486	2,724	11,702	--	18,542
Other	1,669	4,193	2,095	11,770	--	27,536
Total	2,038	4,135	2,796	6,354	--	18,674

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, 2008; 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
 2007-08

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	\$2,704	\$4,421	\$3,556	--	--	--
Business	2,303	3,192	2,925	\$4,081	--	\$26,778
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	3,157	6,611	4,283	7,112	--	21,649
Personal and Culinary Services	--	--	--	--	--	--
Education	2,098	4,161	3,152	3,960	--	10,373
Engineering	3,745	5,351	4,650	7,817	--	26,085
Foreign Languages, Literature and Linguistics	2,896	3,593	3,073	7,617	--	11,378
Health Professions and Related Clinical Sciences	1,847	2,463	2,265	4,516	\$4,247	13,874
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	--	1,534	1,534	--	2,729	--
English Language and Literature/Letters	2,717	4,095	3,078	5,025	--	18,815
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	3,832	7,553	5,258	3,628	--	19,424
Biological and Biomedical Sciences	2,442	5,849	3,232	10,942	--	31,785
Mathematics and Statistics	2,315	3,038	2,426	8,297	--	15,185
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	1,303	2,687	1,841	9,338	--	17,020
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,943	3,603	3,149	27,578	--	10,233
Physical Sciences	2,216	8,254	2,706	10,283	--	13,021
Psychology	1,257	3,208	1,809	5,304	--	13,584
Security and Protective Services/ Public Administration and Services	1,969	2,755	2,544	3,544	--	9,291
Social Sciences and History	2,181	4,382	2,869	14,533	--	21,665
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,339	6,686	3,111	14,693	--	29,418
Other	--	--	--	--	--	--
Total	2,342	3,925	2,884	5,489	3,728	16,348

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, 2008; 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
 2007-08

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	\$2,718	\$5,240	\$4,228	\$8,749	--	--
Business	1,439	1,960	1,685	8,737	--	\$13,346
Communications	1,720	2,951	2,613	4,314	--	23,224
Computer and Information Sciences and Support Services	1,818	3,221	2,724	8,249	--	16,778
Personal and Culinary Services	3,877	6,421	5,225	18,622	--	26,773
Education	--	--	--	--	--	--
Engineering	2,573	3,493	3,238	3,315	--	8,666
Foreign Languages, Literature and Linguistics	3,172	4,689	4,178	10,717	--	12,507
Health Professions and Related Clinical Sciences	2,096	2,995	2,487	5,227	--	14,842
Family and Consumer Sciences/ Human Sciences	1,649	3,036	2,668	3,801	\$2,925	2,981
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	1,586	2,075	1,852	4,211	5,465	--
English Language and Literature/Letters	2,336	2,771	2,481	8,526	--	17,164
Liberal Arts and Sciences, General Studies and Humanities	1,656	1,695	1,666	1,685	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	2,113	3,109	2,767	5,612	950	5,407
Mathematics and Statistics	2,149	3,250	2,480	4,799	--	29,315
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	873	2,097	1,642	6,427	--	5,152
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	1,750	2,462	2,083	6,702	--	12,149
Physical Sciences	1,820	3,280	2,412	6,460	--	26,468
Psychology	1,197	2,228	1,774	5,221	--	12,074
Security and Protective Services/ Public Administration and Services	1,869	2,469	2,286	2,886	--	13,178
Social Sciences and History	1,716	2,780	2,232	7,079	--	13,948
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	2,873	4,586	3,834	9,589	--	17,958
Other	--	--	--	--	--	--
Total	2,011	3,178	2,640	4,924	3,742	10,338

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, 2008; 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
 2007-08

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional	Doctor's ²
Agriculture	\$2,236	\$6,274	\$2,693	\$5,927	--	--
Architecture and Related Services	1,057	6,252	5,335	6,565	--	--
Area, Ethnic, Cultural and Gender Studies	2,827	3,832	3,314	6,182	--	--
Business	2,473	3,550	3,125	4,244	--	\$3,503
Communications	2,622	4,815	3,344	6,168	--	--
Computer and Information Sciences and Support Services	2,745	6,231	3,416	7,431	--	--
Personal and Culinary Services	88	580	186	--	--	--
Education	2,178	4,435	3,654	3,329	--	5,377
Engineering	3,733	5,787	4,856	4,978	--	--
Foreign Languages, Literature and Linguistics	3,198	6,609	3,644	6,415	--	7,768
Health Professions and Related Clinical Sciences	3,085	4,953	4,255	5,426	--	4,360
Family and Consumer Sciences/ Human Sciences	2,224	2,845	2,586	7,513	--	8,816
Technology Education/Industrial Arts	4,365	5,913	5,139	2,331	--	--
Legal Professions and Studies	2,295	2,952	2,432	2,555	--	--
English Language and Literature/Letters	2,897	4,618	3,231	7,257	--	12,842
Liberal Arts and Sciences, General Studies and Humanities	2,903	4,303	3,594	3,441	--	--
Library Science	3,312	4,043	3,853	3,315	--	--
Biological and Biomedical Sciences	2,548	6,599	3,410	10,818	--	44,373
Mathematics and Statistics	2,611	5,401	2,902	6,638	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	3,237	4,861	3,610	3,257	--	--
Parks, Recreation, Leisure and Fitness Studies	2,176	3,885	3,034	2,727	--	--
Personal and Social Development	2,600	4,731	2,653	4,476	--	--
Philosophy and Religion/Theology	2,267	4,470	2,642	9,018	--	5,270
Physical Sciences	2,934	8,832	3,707	18,922	--	38,856
Psychology	2,020	3,933	2,666	5,296	--	10,138
Security and Protective Services/ Public Administration and Services	2,154	3,413	2,917	4,818	--	8,662
Social Sciences and History	2,006	4,313	2,573	8,592	--	9,101
Trade and Industrial	4,919	--	4,919	--	--	--
Visual and Performing Arts	2,927	7,635	4,142	15,222	--	32,459
Other	2,219	2,910	2,574	5,143	--	--
Total	2,520	4,606	3,237	4,429	--	7,023

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, 2008; 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
2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

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

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

SOURCE: Data provided by the individual universities, 2003 to 2008.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE
2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

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	\$7,432	5%	7%	\$11,862	3%	7%	\$9,318	5%	7%	\$15,832	4%	7%
Penn State ²	12,844	6	11	23,712	4	7	14,508	6	11	25,710	5	7
Pittsburgh ²	12,876	6	10	22,386	4	6	15,530	6	8	27,570	4	5
Temple	10,802	6	7	19,320	6	7	13,534	6	7	19,510	2	7
Average	10,989	6	9	19,320	5	7	13,223	6	8	22,156	4	7
State-owned												
Bloomsburg	6,623	3	4	14,479	3	4	7,702	3	4	11,521	3	4
California	6,851	4	4	10,046	10	-4	8,117	4	5	11,936	3	5
Cheyney	6,412	5	5	14,268	4	4	6,859	3	4	10,678	3	4
Clarion	6,865	4	4	12,132	4	11	8,044	6	5	11,862	5	5
East Stroudsburg	6,809	4	5	14,664	3	4	7,655	3	5	11,474	3	4
Edinboro	6,767	4	5	9,445	4	5	8,218	4	5	12,037	4	4
Indiana	6,695	5	4	14,550	4	4	7,544	6	4	11,363	5	4
Kutztown	6,873	4	5	14,729	3	4	7,532	3	4	11,351	3	4
Lock Haven	6,679	4	4	12,534	4	5	8,129	3	4	11,948	3	4
Mansfield	7,004	5	5	14,860	4	4	7,501	4	4	11,320	4	4
Millersville	6,624	4	4	14,480	3	4	7,656	5	4	11,475	4	4
Shippensburg	6,849	5	5	14,704	4	4	7,301	4	4	11,120	4	4
Slippery Rock	6,671	5	4	9,348	4	-5	8,176	4	4	12,554	4	4
West Chester	6,676	6	4	14,532	4	4	7,391	4	4	11,210	3	4
Average	6,743	4	4	13,198	4	3	7,702	4	4	11,561	4	4

1. Excludes first-professional level.

2. Main campus data only.

SOURCE: Pennsylvania Department of Education, *Colleges and Universities-Education Digest*, 2002-03 to 2004-05; Pennsylvania Department of Education, *College and University Basic Student Charges*, [http://www.pdehighered.state.pa.us/higher/cwp/view.asp?a=11&Q=42024&q=150&higherNav=\[2933\]29711&higherNav=\[2930](http://www.pdehighered.state.pa.us/higher/cwp/view.asp?a=11&Q=42024&q=150&higherNav=[2933]29711&higherNav=[2930) (December 8, 2008).

Table 11

TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
 2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

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	\$25,909	7%	15%	\$10,380	\$-60	-1%	6%
Penn State	1,092,032	8	11	14,510	800	6	9
Pittsburgh	485,711	8	8	15,220	900	6	7
Temple	468,278	10	10	14,330	770	6	6
Total	2,071,930	8	10	14,560	800	6	8
State-owned							
Bloomsburg	61,031	4	6	7,220	210	3	5
California	55,709	11	15	6,870	-20	a	5
Cheyney	11,489	-6	6	7,680	640	9	5
Clarion	43,305	6	5	7,080	260	4	6
East Stroudsburg	54,325	6	8	8,240	360	5	6
Edinboro	48,337	8	3	7,320	540	8	5
Indiana	96,402	4	5	6,900	140	2	3
Kutztown	67,658	5	9	7,190	210	3	4
Lock Haven	35,692	3	7	6,590	110	2	2
Mansfield	22,988	1	3	7,470	200	3	4
Millersville	55,961	3	5	7,060	230	3	4
Shippensburg	49,070	6	5	6,970	230	3	4
Slippery Rock	55,519	3	6	6,780	90	1	3
West Chester	93,842	7	5	7,630	250	3	4
Total	751,328	5	6	7,170	240	3	4
All universities	2,823,258	8	9	11,430	580	5	7

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

a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2003 to 2008; FTE students - data provided by the individual universities, 2003 to 2008.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
 2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

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	\$13,786	2%	3%	\$5,520	\$-280	-5%	-3%
Penn State	263,499	2	3	3,500	-10	a	2
Pittsburgh	164,312	2	2	5,150	40	1	1
Temple	172,917	2	2	5,290	-100	-2	-1
Total	614,514	2	2	4,320	-20	a	1
State-owned							
Bloomsburg	36,888	1	2	4,360	30	1	1
California	34,631	7	3	4,270	60	1	-3
Cheyney	14,721	22	1	9,840	2,940	43	1
Clarion	27,198	-1	-2	4,440	-150	-3	-2
East Stroudsburg	25,884	4	1	3,930	110	3	a
Edinboro	29,174	1	-2	4,420	60	1	a
Indiana	63,818	3	2	4,570	20	a	1
Kutztown	40,766	5	5	4,330	130	3	1
Lock Haven	23,523	6	2	4,340	220	5	-2
Mansfield	19,345	14	2	6,280	850	16	3
Millersville	38,055	-1	3	4,800	-50	-1	2
Shippensburg	33,828	5	1	4,800	120	3	a
Slippery Rock	38,164	1	3	4,660	-30	-1	1
West Chester	53,774	2	4	4,370	-60	-1	3
Total ²	479,769	4	2	4,580	90	2	a
All universities ²	1,094,283	3	2	4,430	30	1	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*, 2004-05 to 2008-09; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2003 to 2008. FTE students - data provided by the individual universities, 2003 to 2008.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID
RELATED TO FULL-TIME EQUIVALENT STUDENTS¹
2007-08, CHANGE FROM 2006-07 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (2002-03 to 2007-08)

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	\$10,380	\$5,520	\$15,900	35%	-3%	-4%	\$774
Penn State	14,510	3,500	18,010	19	-5	-5	843
Pittsburgh	15,220	5,150	20,370	25	-4	-3	788
Temple	14,330	5,290	19,620	27	-4	-4	743
Total	14,560	4,320	18,880	23	-4	-4	806
State-owned							
Bloomsburg	7,220	4,360	11,580	38	0	-1	894
California	6,870	4,270	11,140	38	0	-4	994
Cheyney	7,680	9,840	17,520	56	12	-2	1,152
Clarion	7,080	4,440	11,520	39	-3	-3	1,247
East Stroudsburg	8,240	3,930	12,170	32	-3	-3	659
Edinboro	7,320	4,420	11,740	38	-3	-2	1,166
Indiana	6,900	4,570	11,470	40	0	-1	1,020
Kutztown	7,190	4,330	11,520	38	0	-1	858
Lock Haven	6,590	4,340	10,930	40	3	-2	1,044
Mansfield	7,470	6,280	13,750	46	7	a	1,266
Millersville	7,060	4,800	11,860	40	-5	-1	858
Shippensburg	6,970	4,800	11,770	41	0	-2	763
Slippery Rock	6,780	4,660	11,440	41	0	-1	1,134
West Chester	7,630	4,370	12,000	36	-5	-1	586
Total ³	7,170	4,580	11,750	39	0	-2	932
All universities ³	11,430	4,430	15,860	28	-3	-4	859

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, 2003 to 2008; instructional appropriations - *Governor's Executive Budget*, 2004-05 to 2008-09; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2002 to 2007; FTE students - data provided by the individual universities, 2003 to 2008; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, September 2008.

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II. HISTORICAL DATA

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Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL¹
2002-03 to 2007-08

University	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
State-related						
Lincoln						
Total	1,830	1,920	1,963	2,153	2,330	2,496
Undergraduate	1,498	1,565	1,533	1,664	1,801	1,980
Graduate	332	355	430	489	529	516
Penn State						
Total	72,475	71,988	70,683	69,948	73,642	75,250
Undergraduate	65,258	64,652	63,515	63,049	66,698	68,404
Graduate	7,217	7,336	7,168	6,899	6,944	6,846
Pittsburgh						
Total	30,863	30,587	30,471	30,599	31,524	31,921
Undergraduate	22,967	22,709	22,550	22,646	23,019	23,309
Graduate	7,896	7,878	7,921	7,953	8,505	8,612
Temple						
Total	28,774	28,977	30,656	30,775	31,448	32,669
Undergraduate	20,704	21,577	22,941	24,024	24,755	25,779
Graduate	8,070	7,400	7,715	6,751	6,693	6,890
State-owned						
Bloomsburg						
Total	7,889	8,001	8,067	8,238	8,394	8,456
Undergraduate	7,326	7,386	7,404	7,580	7,698	7,781
Graduate	563	615	663	658	696	675
California						
Total	5,881	6,040	6,358	7,141	7,703	8,104
Undergraduate	4,960	5,037	5,209	5,870	6,301	6,599
Graduate	921	1,003	1,149	1,271	1,402	1,505
Cheyney						
Total	1,484	1,405	1,548	1,703	1,743	1,496
Undergraduate	1,146	1,254	1,430	1,486	1,575	1,369
Graduate	338	151	118	217	168	127
Clarion						
Total	6,218	5,998	5,965	5,860	6,012	6,117
Undergraduate	5,871	5,661	5,585	5,451	5,535	5,523
Graduate	347	337	380	409	477	594
East Stroudsburg						
Total	6,009	6,005	6,082	6,237	6,484	6,593
Undergraduate	5,222	5,214	5,313	5,492	5,782	5,868
Graduate	787	791	769	745	702	725
Edinboro						
Total	7,106	6,977	6,877	6,707	6,607	6,600
Undergraduate	6,615	6,459	6,302	6,049	5,933	5,824
Graduate	491	518	575	658	674	776
Indiana						
Total	13,314	13,392	13,442	13,594	13,686	13,978
Undergraduate	11,943	12,056	12,083	12,063	12,022	12,255
Graduate	1,371	1,336	1,359	1,531	1,664	1,723
Kutztown						
Total	7,795	8,114	8,605	8,899	9,225	9,413
Undergraduate	7,277	7,584	8,018	8,310	8,626	8,810
Graduate	518	530	587	589	599	603
Lock Haven						
Total	4,383	4,701	4,868	5,958	5,367	5,416
Undergraduate	4,106	4,443	4,556	5,275	5,075	5,124
Graduate	277	258	312	683	292	292
Mansfield						
Total	3,217	3,276	3,260	3,139	3,119	3,079
Undergraduate	3,023	3,052	2,979	2,877	2,880	2,852
Graduate	194	224	281	262	239	227
Millersville						
Total	7,578	7,713	7,851	7,707	7,936	7,932
Undergraduate	6,510	6,675	6,889	6,795	7,016	7,074
Graduate	1,068	1,038	962	912	920	858
Shippensburg						
Total	6,873	6,984	6,985	6,865	6,888	7,045
Undergraduate	6,357	6,439	6,418	6,303	6,299	6,433
Graduate	516	545	567	562	589	612
Slippery Rock						
Total	7,201	7,469	7,718	7,892	8,029	8,192
Undergraduate	6,638	6,870	7,114	7,294	7,392	7,493
Graduate	563	599	604	598	637	699
West Chester						
Total	11,670	11,559	11,701	12,272	11,851	12,301
Undergraduate	10,393	10,269	10,350	10,921	10,544	10,922
Graduate	1,277	1,290	1,351	1,351	1,307	1,379

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, 2003 to 2008.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL¹
 TOTAL YEAR AND SUMMER 2002-03 to 2007-08
 (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											
2002-03	33	13	46	8	na	na	8	54	1	1	2
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
Penn State											
2002-03	1,188	769	1,957	91	na	82	173	2,130	114	24	138
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
Pittsburgh											
2002-03	467	223	690	119	52	19	190	880	44	30	74
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
Temple											
2002-03	297	325	622	86	86	22	194	816	54	22	76
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
State-owned											
Bloomsburg											
2002-03	158	61	219	14	na	na	14	233	18	5	23
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
California											
2002-03	101	48	149	22	na	na	22	171	8	8	16
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
Cheyney											
2002-03	26	9	35	8	na	na	8	43	2	3	5
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
Clarion											
2002-03	126	50	176	8	na	na	8	184	11	2	13
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
East Stroudsburg											
2002-03	110	47	157	19	na	na	19	176	10	7	17
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

Edinboro											
2002-03	134	65	199	12	na	na	12	211	12	3	15
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
Indiana											
2002-03	254	105	359	25	na	8	33	392	26	10	36
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
Kutztown											
2002-03	120	97	217	15	na	na	15	232	7	4	11
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
Lock Haven											
2002-03	89	34	123	7	na	na	7	130	7	2	9
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
Mansfield											
2002-03	54	37	91	5	na	na	5	96	7	2	9
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
Millersville											
2002-03	128	67	195	26	na	na	26	221	12	16	28
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
Shippensburg											
2002-03	134	58	192	12	na	na	12	204	8	4	12
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
Slippery Rock											
2002-03	141	58	199	10	na	4	14	213	13	3	16
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
West Chester											
2002-03	210	102	312	31	na	na	31	343	27	8	35
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

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, 2003 to 2008.

Historical Table 3

DEGREES CONFERRED¹
2002-03 to 2007-08

University	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
State-related						
Lincoln						
Total	355	333	368	453	420	440
Bachelor's	210	175	240	256	229	27
Graduate	145	158	128	197	191	213
Penn State						
Total	14,412	14,879	15,746	15,512	15,521	15,312
Bachelor's	11,755	12,002	12,983	12,740	12,732	12,445
Graduate	2,657	2,877	2,763	2,772	2,789	2,867
Pittsburgh						
Total	7,119	7,335	7,565	7,704	7,437	7,721
Bachelor's	4,520	4,736	4,936	4,996	4,724	4,852
Graduate	2,599	2,599	2,629	2,708	2,713	2,869
Temple						
Total	6,052	6,726	6,859	7,328	7,260	7,395
Bachelor's	3,748	4,122	4,320	4,825	4,880	5,068
Graduate	2,304	2,604	2,539	2,503	2,380	2,327
State-owned						
Bloomsburg						
Total	1,661	1,847	1,740	1,823	1,838	1,889
Bachelor's	1,386	1,539	1,403	1,491	1,516	1,544
Graduate	275	308	337	332	322	345
California						
Total	1,360	1,369	1,348	1,677	1,731	1,965
Bachelor's	998	1,004	983	1,130	1,086	1,242
Graduate	362	365	365	547	645	723
Cheyney						
Total	294	301	189	197	199	203
Bachelor's	159	166	139	147	149	153
Graduate	135	135	50	50	50	50
Clarion						
Total	1,063	1,252	1,225	1,226	1,182	1,094
Bachelor's	897	1,051	1,018	977	930	823
Graduate	166	201	207	249	252	271
East Stroudsburg						
Total	1,184	1,238	1,339	1,346	1,412	1,542
Bachelor's	906	963	1,034	1,059	1,137	1,230
Graduate	278	275	305	287	275	312
Edinboro						
Total	1,316	1,421	1,382	1,483	1,384	1,410
Bachelor's	1,114	1,239	1,174	1,189	1,097	1,062
Graduate	202	182	208	294	287	348
Indiana						
Total	2,500	2,457	2,529	2,748	3,006	2,898
Bachelor's	1,934	1,817	1,959	2,100	2,314	2,099
Graduate	566	640	570	648	692	799
Kutztown						
Total	1,563	1,608	1,622	1,737	1,876	1,908
Bachelor's	1,320	1,356	1,374	1,493	1,583	1,652
Graduate	243	252	248	244	293	256
Lock Haven						
Total	757	793	737	812	862	887
Bachelor's	675	723	671	720	761	810
Graduate	82	70	66	92	101	77
Mansfield						
Total	668	635	687	656	700	659
Bachelor's	588	544	576	521	564	508
Graduate	80	91	111	135	136	151
Millersville						
Total	1,379	1,466	1,597	1,563	1,595	1,660
Bachelor's	1,213	1,249	1,368	1,342	1,361	1,425
Graduate	166	217	229	221	234	235
Shippensburg						
Total	1,506	1,655	1,747	1,688	1,681	1,609
Bachelor's	1,209	1,364	1,404	1,394	1,324	1,271
Graduate	297	291	343	294	357	338
Slippery Rock						
Total	1,383	1,516	1,509	1,502	1,749	1,752
Bachelor's	1,187	1,272	1,264	1,263	1,498	1,511
Graduate	196	244	245	239	251	241
West Chester						
Total	2,289	2,397	2,375	2,589	2,739	2,681
Bachelor's	1,814	1,876	1,863	2,066	2,160	2,106
Graduate	475	521	512	523	579	575

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 Pittsburgh and Temple, and doctor's at Penn State, Pittsburgh, Temple, Bloomsburg, Indiana and Slippery Rock.

SOURCE: Data provided by the individual universities, 2003 to 2008.

Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL¹
FALL 2002 to FALL 2007

University	Full-time employed faculty ²						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	2002	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007	2002	2003	2004	2005	2006	2007
	<hr/>																	
State-related																		
Lincoln	95	95	95	102	104	104	12.5	12.7	12.6	11.7	11.5	12.0	1.0	0.8	0.8	1.2	0.8	0.7
Penn State	3,439	3,579	3,609	3,638	3,633	3,699	6.5	6.5	6.6	6.5	6.7	6.8	1.7	1.7	1.5	1.5	1.4	1.5
Pittsburgh	1,950	1,983	1,879	1,980	1,981	1,955	4.2	4.3	4.7	4.5	4.9	4.7	3.4	3.6	4.0	3.8	2.8	2.8
Temple	1,123	1,154	1,206	1,198	1,189	1,252	5.7	5.4	5.4	5.3	5.5	5.6	3.8	3.8	3.3	3.3	3.3	3.1
Total	6,607	6,811	6,789	6,918	6,907	7,010	5.7	5.7	5.9	5.8	6.0	6.0	2.5	2.6	2.5	2.5	2.1	2.1
State-owned																		
Bloomsburg	366	367	371	374	386	393	11.1	11.1	10.9	11.2	11.1	10.8	0.9	1.0	0.9	1.0	1.2	1.0
California	255	277	268	254	289	307	9.0	9.3	8.8	8.7	9.1	8.6	1.5	2.1	1.6	1.3	1.3	1.3
Cheyney	82	78	89	91	94	99	11.0	10.8	11.9	10.7	11.5	10.0	0.3	0.7	0.2	0.0	0.0	0.2
Clarion	323	323	318	293	247	272	10.9	10.9	11.0	11.2	10.6	10.9	0.7	0.9	0.7	0.9	1.1	1.0
East Stroudsburg	273	265	270	293	299	321	10.8	10.4	10.7	11.2	11.5	12.1	1.6	1.4	1.3	1.5	1.6	1.7
Edinboro	347	356	358	366	366	348	11.5	11.5	11.1	10.4	10.8	10.8	1.3	1.4	1.5	1.6	1.4	1.9
Indiana	717	693	700	705	712	700	9.4	9.5	9.4	9.4	9.8	9.8	1.6	1.5	1.5	1.6	1.6	1.7
Kutztown	375	394	409	434	427	445	11.3	11.4	11.6	11.2	11.8	11.8	0.5	0.6	0.6	0.6	0.7	0.8
Lock Haven	245	252	269	270	264	264	10.7	10.4	10.4	10.8	10.9	11.1	0.4	0.5	0.5	0.6	0.4	0.3
Mansfield	167	163	158	155	160	146	8.8	8.6	7.8	8.3	7.2	7.5	0.4	0.3	0.4	0.3	0.3	0.3
Millersville	312	311	312	326	321	322	10.3	10.0	10.5	9.5	10.0	10.1	0.9	0.9	0.9	0.6	0.8	1.0
Shippensburg	302	303	300	304	321	314	10.5	10.2	10.0	9.6	9.4	9.6	1.0	0.9	0.8	0.9	0.9	0.8
Slippery Rock	361	366	361	367	361	366	10.2	10.4	10.2	9.6	10.4	9.9	1.2	1.1	1.2	1.0	0.9	1.0
West Chester	591	564	551	566	570	573	10.3	10.1	9.6	9.5	9.7	9.7	1.6	1.7	1.6	1.6	1.7	1.8
Total	4,716	4,712	4,734	4,798	4,817	4,870	10.4	10.3	10.2	10.1	10.2	10.2	1.1	1.2	1.1	1.1	1.1	1.2
All universities	11,323	11,523	11,523	11,716	11,724	11,880	7.6	7.5	7.6	7.4	7.6	7.6	2.0	2.0	2.0	1.9	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, 2003 to 2008.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK¹
 2002-03 to 2007-08
 (Dollars in thousands)

University	FTE instructional faculty	Average instructional salaries					Instructor	No rank ²
		All faculty	Professor	Associate professor	Assistant professor			
State-related								
Lincoln								
2002-03	122	\$37.9	\$66.1	\$55.3	\$28.7	\$22.4	\$22.3	
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	
Penn State								
2002-03	4,139	56.8	98.7	70.4	57.9	37.2	37.4	
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	
Pittsburgh								
2002-03	1,872	54.1	87.1	56.6	50.5	41.2	39.3	
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	
Temple								
2002-03	1,636	52.0	85.7	66.0	44.0	32.2	26.3	
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	
State-owned								
Bloomsburg								
2002-03	399	61.9	78.1	63.1	51.2	40.0	na	
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	
California								
2002-03	268	59.8	77.6	53.9	59.3	46.0	41.8	
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	
Cheyney								
2002-03	102	61.8	83.1	73.2	58.9	38.3	0	
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	
Clarion								
2002-03	333	60.7	81.9	66.1	53.3	36.6	na	
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	
East Stroudsburg								
2002-03	322	62.6	79.3	65.2	54.8	40.5	na	
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	

Edinboro								
2002-03	411	59.2	77.5	64.3	53.3	40.1	na	
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	
Indiana								
2002-03	736	62.5	73.6	64.5	51.8	46.9	67.2	
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	
Kutztown								
2002-03	381	63.8	84.7	68.0	51.6	38.5	na	
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	
Lock Haven								
2002-03	238	57.4	80.9	62.3	49.9	40.4	na	
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	
Mansfield								
2002-03	191	59.2	83.3	63.0	48.0	38.8	0	
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	
Millersville								
2002-03	416	60.9	80.0	65.9	51.2	35.7	na	
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	
Shippensburg								
2002-03	353	60.3	74.7	64.2	51.9	38.0	61.0	
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	
Slippery Rock								
2002-03	374	62.9	79.1	64.3	54.7	45.7	na	
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	
West Chester								
2002-03	656	58.5	81.2	65.9	54.9	37.7	32.6	
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	

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, 2003 to 2008.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL¹
2002-03 to 2007-08

University	Lower division						Upper division						Total undergraduate						Master's					
	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
State-related																								
Lincoln	\$2,464	\$2,458	\$2,946	\$3,671	\$2,545	\$2,694	\$3,817	\$3,777	\$4,718	\$4,621	\$4,445	\$4,895	\$2,834	\$2,796	\$3,405	\$3,897	\$2,882	\$3,093	\$1,180	\$2,006	\$2,040	\$832	\$1,960	\$2,253
Penn State	1,850	1,995	2,051	2,128	1,969	2,038	3,396	3,441	3,671	3,906	3,983	4,135	2,458	2,590	2,715	2,851	2,726	2,796	6,422	5,271	5,693	5,837	5,911	6,354
Pittsburgh	1,724	1,958	2,081	2,135	2,291	2,342	3,441	3,655	3,942	4,042	3,911	3,925	2,278	2,513	2,706	2,776	2,845	2,884	6,276	6,585	7,097	7,283	5,543	5,489
Temple	1,963	1,968	1,910	1,933	1,996	2,011	3,050	3,105	3,001	3,058	3,124	3,178	2,531	2,574	2,492	2,539	2,605	2,640	4,130	4,338	4,621	4,857	5,105	4,924
Total	1,846	1,988	2,043	2,116	2,054	2,111	3,318	3,390	3,541	3,692	3,722	3,817	2,436	2,570	2,670	2,775	2,723	2,782	5,579	5,437	5,859	6,013	5,359	5,421
State-owned																								
Bloomsburg	2,398	2,433	2,346	2,331	2,487	2,611	4,527	4,423	4,435	4,405	4,517	4,860	2,994	2,981	2,945	2,930	3,069	3,256	4,968	4,219	4,022	3,928	4,256	4,433
California	2,198	1,828	2,102	2,555	2,319	2,308	3,621	3,306	3,249	3,618	3,749	3,688	2,655	2,298	2,528	2,939	2,884	2,890	3,572	2,732	2,964	3,073	2,956	2,976
Cheyney	4,096	3,532	2,840	3,397	3,492	4,289	6,118	6,228	4,966	6,391	5,393	5,874	4,613	4,135	3,342	4,056	3,961	4,724	2,984	5,047	4,344	3,512	3,784	5,798
Clarion	2,375	2,413	2,469	2,315	2,344	2,429	5,129	4,881	5,015	5,174	5,321	5,466	3,160	3,145	3,222	3,161	3,178	3,248	4,853	5,369	5,482	5,818	5,513	5,255
East Stroudsburg	2,558	2,442	2,342	2,338	2,424	2,643	4,834	4,769	5,283	5,130	5,329	5,146	3,239	3,173	3,246	3,202	3,359	3,456	4,131	3,863	3,766	3,650	3,797	4,168
Edinboro	2,451	2,493	2,467	2,586	2,713	2,784	4,840	4,638	4,927	4,738	5,076	5,387	3,229	3,181	3,264	3,437	3,676	3,835	6,139	6,068	5,721	5,256	5,382	4,984
Indiana	2,410	2,217	2,221	2,318	2,477	2,348	4,891	4,735	4,466	4,699	4,812	4,898	3,137	2,945	2,888	3,070	3,225	3,123	5,523	5,310	5,295	5,182	5,477	5,060
Kutztown	2,068	1,991	1,980	1,979	1,913	1,907	4,818	4,642	4,568	4,486	4,627	4,686	3,001	2,893	2,854	2,824	2,860	2,919	4,723	4,488	4,622	4,759	5,038	5,109
Lock Haven	2,353	2,412	2,190	2,043	2,217	2,374	4,461	4,758	4,353	3,565	4,426	4,850	2,941	3,054	2,826	2,425	2,826	3,063	5,809	3,044	3,867	910	2,587	3,330
Mansfield	2,561	2,531	2,453	2,467	2,831	3,060	5,103	4,799	4,702	4,858	5,207	4,474	3,599	3,490	3,419	3,482	3,877	3,667	2,097	1,671	1,542	1,988	2,020	5,659
Millersville	3,054	2,833	2,650	2,593	2,752	2,817	4,157	4,027	4,157	4,060	4,373	4,453	3,434	3,248	3,203	3,139	3,352	3,435	2,749	2,942	3,192	3,205	3,381	3,748
Shippensburg	2,514	2,458	2,442	2,468	2,459	2,805	3,911	3,715	3,712	3,709	4,178	4,885	2,931	2,859	2,865	2,883	3,012	3,479	5,191	4,993	5,445	5,566	5,686	4,566
Slippery Rock	2,667	2,433	2,510	2,478	2,663	2,604	4,457	4,170	4,002	3,880	3,907	3,712	3,186	2,955	2,970	2,938	3,098	3,020	5,160	5,001	4,767	5,052	4,911	3,971
West Chester	2,597	2,500	2,419	2,341	2,493	2,565	4,269	3,958	3,980	3,942	4,339	4,342	3,144	3,001	2,979	2,915	3,175	3,225	4,478	4,453	4,472	4,721	5,622	5,136
Total	2,497	2,390	2,351	2,352	2,445	2,520	4,551	4,362	4,329	4,301	4,545	4,608	3,135	3,011	2,995	2,998	3,158	3,238	4,381	4,190	4,237	4,072	4,488	4,431
All universities	2,156	2,182	2,192	2,231	2,237	2,299	3,786	3,757	3,846	3,933	4,054	4,139	2,745	2,766	2,816	2,876	2,916	2,983	5,088	4,912	5,144	5,088	4,961	4,974

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, 2003 to 2008.

Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL¹
2002-03 to 2007-08

University	Lower division						Upper division						Total undergraduate						Master's							
	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08		
State-related																										
Lincoln	\$82	\$82	\$98	\$122	\$85	\$90	\$127	\$126	\$157	\$154	\$148	\$163	\$94	\$93	\$114	\$130	\$96	\$103	\$49	\$84	\$85	\$35	\$82	\$94		
Penn State	62	67	68	71	66	68	113	115	122	130	133	138	82	86	91	95	91	93	268	220	237	243	246	265		
Pittsburgh	57	65	69	71	76	78	115	122	131	135	130	131	76	84	90	93	95	96	262	274	296	303	231	229		
Temple	65	66	64	64	67	67	102	104	100	102	104	106	84	86	83	85	87	88	172	181	193	202	213	205		
Total	62	66	68	71	68	70	111	113	118	123	124	127	81	86	89	93	91	93	232	227	244	251	223	226		
State-owned																										
Bloomsburg	80	81	78	78	83	87	151	147	148	147	151	162	100	99	98	98	102	109	207	176	168	164	177	185		
California	73	61	70	85	77	77	121	110	108	121	125	123	89	77	84	98	96	96	149	114	124	128	123	124		
Cheyney	137	118	95	113	116	143	204	208	166	213	180	196	154	138	111	135	132	157	124	210	181	146	158	242		
Clarion	79	80	82	77	78	81	171	163	167	172	177	182	105	105	107	105	106	108	202	224	228	242	230	219		
East Stroudsburg	85	81	78	78	81	88	161	159	176	171	178	172	108	106	108	107	112	115	172	161	157	152	158	174		
Edinboro	82	83	82	86	90	93	161	155	164	158	169	180	108	106	109	115	123	128	256	253	238	219	224	208		
Indiana	80	74	74	77	83	78	163	158	149	157	160	163	105	98	96	102	108	104	230	221	221	216	228	211		
Kutztown	69	66	66	66	64	64	161	155	152	150	154	156	100	96	95	94	95	97	197	187	193	198	210	213		
Lock Haven	78	80	73	68	74	79	149	159	145	119	148	162	98	102	94	81	94	102	242	127	161	38	108	139		
Mansfield	85	84	82	82	94	102	170	160	157	162	174	149	120	116	114	116	129	122	87	70	64	83	84	236		
Millersville	102	94	88	86	92	94	139	134	139	135	146	148	114	108	107	105	112	115	115	123	133	134	141	156		
Shippensburg	84	82	81	82	82	94	130	124	124	124	139	163	98	95	96	96	100	116	216	208	227	232	237	190		
Slippery Rock	89	81	84	83	89	87	149	139	133	129	130	124	106	99	99	98	103	101	215	208	199	211	205	165		
West Chester	87	83	81	78	83	86	142	132	133	131	145	145	105	100	99	97	106	108	187	186	186	197	234	214		
Total	83	80	78	78	82	84	152	145	144	143	152	154	105	100	100	100	105	108	183	175	177	170	187	185		
All universities	72	73	73	74	75	77	126	125	128	131	135	138	92	92	94	96	97	99	212	205	214	212	207	207		

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, 2003 to 2008.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL¹
2002-03 to 2007-08

University	Lower division						Upper division						Total undergraduate						Master's					
	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
State-related																								
Lincoln	23	23	23	23	24	24	15	15	15	15	14	15	20	21	21	21	21	22	14	14	14	15	15	14
Penn State	30	30	30	30	31	31	27	26	26	25	25	25	29	29	28	28	29	29	15	15	14	14	14	14
Pittsburgh	31	30	30	30	29	29	24	24	24	24	24	23	28	28	27	28	27	27	17	17	17	17	17	16
Temple	28	29	30	30	30	30	23	23	23	24	25	24	25	26	26	27	27	27	14	15	14	14	14	14
Total	30	30	30	30	30	30	25	25	25	24	24	24	28	28	27	27	28	28	16	15	15	15	15	15
State-owned																								
Bloomsburg	30	30	30	30	30	30	19	19	19	19	19	18	26	26	26	26	26	26	12	13	13	13	12	13
California	29	29	31	28	31	32	18	19	20	20	22	22	24	25	25	25	26	27	14	15	17	19	19	20
Cheyney	21	25	25	25	23	23	15	17	13	17	16	19	19	23	21	23	21	22	19	10	12	14	11	13
Clarion	36	36	34	38	37	35	15	16	15	16	16	15	26	27	25	27	27	26	12	11	11	12	12	12
East Stroudsburg	28	28	29	32	32	26	18	17	15	22	23	20	24	23	23	29	29	24	12	12	13	17	17	12
Edinboro	28	28	27	27	27	29	17	17	15	20	21	21	23	23	21	24	24	25	10	9	9	12	12	14
Indiana	31	33	33	32	33	34	14	15	16	15	15	18	24	25	25	24	25	27	12	12	12	13	12	13
Kutztown	32	32	32	32	34	35	17	17	17	17	17	17	25	25	25	25	26	26	13	12	13	12	12	11
Lock Haven	32	33	30	32	29	29	21	21	20	22	14	13	29	29	27	29	22	22	14	17	19	65	13	12
Mansfield	26	27	26	27	25	25	17	20	19	18	18	17	22	24	23	22	22	21	20	18	19	19	16	17
Millersville	27	28	28	29	29	29	21	22	22	21	22	22	25	25	25	25	26	26	18	17	16	16	16	16
Shippensburg	30	30	30	30	29	30	24	24	24	24	23	19	28	28	28	28	27	25	15	16	15	14	14	14
Slippery Rock	32	32	33	33	32	32	18	17	18	20	20	20	26	26	26	27	27	26	12	11	11	11	13	14
West Chester	25	26	26	27	26	27	16	17	17	17	15	16	21	22	22	22	20	22	12	12	12	11	9	12
Total	29	30	30	30	30	30	17	18	18	19	18	18	24	25	24	25	25	25	13	13	13	15	13	14
All universities	30	30	30	30	30	30	21	22	21	22	21	22	26	26	26	26	26	26	14	14	14	15	14	14

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, 2003 to 2008.

Historical Table 9

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS¹
2002-03 to 2007-08
(in millions)

University	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
State-related						
Lincoln	\$11.9	\$12.2	\$12.6	\$12.9	\$13.5	\$13.8
Penn State	232.8	232.8	241.2	247.2	258.3	263.5
Pittsburgh	150.2	145.6	150.4	154.2	161.1	164.3
Temple	157.8	153.0	157.9	161.8	169.5	172.9
Total	552.7	543.6	562.1	576.1	602.5	614.5
State-owned						
Bloomsburg	32.8	31.8	33.5	34.7	36.4	36.9
California	29.9	27.8	28.3	28.9	32.4	34.6
Cheyney	14.0	12.7	13.2	12.0	12.0	14.7
Clarion	30.8	28.1	28.1	26.8	27.6	27.2
East Stroudsburg	24.1	22.5	22.8	23.7	24.8	25.9
Edinboro	32.0	29.5	29.2	28.5	28.8	29.2
Indiana	57.1	55.9	56.7	60.1	62.2	63.8
Kutztown	32.1	31.4	33.7	35.7	38.8	40.8
Lock Haven	21.4	20.0	20.5	21.1	22.1	23.5
Mansfield	17.9	16.5	16.4	16.8	16.9	19.3
Millersville	33.7	32.4	35.5	37.5	38.5	38.1
Shippensburg	32.2	30.1	31.5	31.9	32.2	33.8
Slippery Rock	32.6	30.8	32.2	34.7	37.7	38.2
West Chester	44.6	44.0	47.2	50.8	52.5	53.8
Total ²	435.2	413.5	428.8	443.3	463.0	479.8
All universities ²	987.9	957.1	990.9	1,019.4	1,065.4	1,094.3

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, 2004-05 to 2008-09*; data provided by the individual State-related universities and the Pennsylvania State System of Higher Education, 2003 to 2008.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS
BY ACADEMIC LEVEL AND RESIDENCE
2002-03 to 2007-08

University	Undergraduate		Graduate ¹	
	In-State	Out-of-State	In-State	Out-of-State
State-related				
Lincoln				
2002-03	\$5,452	\$8,890	\$6,936	\$11,862
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
Penn State				
Main Campus				
2002-03	8,382	17,610	9,324	18,702
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
Pittsburgh				
Main Campus				
2002-03	8,528	17,336	11,286	21,872
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
Temple				
2002-03	8,062	14,316	10,108	14,428
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
State-owned				
Bloomsburg				
2002-03	5,550	12,168	6,306	9,510
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
California				
2002-03	5,742	12,310	6,581	9,735
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
Cheyney				
2002-03	5,133	11,701	5,734	8,888
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
Clarion				
2002-03	5,740	7,930	6,426	9,580
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
East Stroudsburg				
2002-03	5,502	12,120	6,209	9,413
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

Edinboro				
2002-03	5,464	7,704	6,690	9,894
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
Indiana				
2002-03	5,541	12,159	6,201	9,405
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
Kutztown				
2002-03	5,477	12,095	6,279	9,483
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
Lock Haven				
2002-03	5,606	10,174	6,832	9,986
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
Mansfield				
2002-03	5,624	12,192	6,340	9,494
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
Millersville				
2002-03	5,547	12,165	6,423	9,627
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
Shippensburg				
2002-03	5,502	12,120	6,138	9,342
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
Slippery Rock				
2002-03	5,548	12,116	6,820	10,496
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
West Chester				
2002-03	5,468	12,036	6,196	9,350
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

1. Excludes first-professional level.

SOURCE: Pennsylvania Department of Education, *Colleges and Universities-Education Digest*, 2001-02 to 2004-05; Pennsylvania Department of Education, *College and University Student Charges*, <http://www.pdehighered.state.pa.us/higher/cwp/view.asp?a=11&Q=42024&q=150&higherNav=|2933|2971|&higherNav=|2930|> (September 12, 2007).

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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:

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

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

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

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

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

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