

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

**Staff Analysis of 2003-04 Data  
Reported Under 2003 Appropriations Acts  
and Public School Code**

**JANUARY 2005**



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.

**JOINT STATE GOVERNMENT COMMISSION  
ROOM 108 FINANCE BUILDING  
HARRISBURG PA 17120-0018**

**717-787-4397  
FAX 717-787-7020**

**E-mail: [jntst02@legis.state.pa.us](mailto:jntst02@legis.state.pa.us)  
Website: <http://jsg.legis.state.pa.us>**

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The Joint State Government Commission was created by act of July 1, 1937 (P.L.2460, No.459) as amended, as a continuing agency for the development of facts and recommendations on all phases of government for the use of the General Assembly.

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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)  
Delaware (Delaware)  
DuBois (Clearfield)  
Fayette (Fayette)  
Great Valley (Chester)  
Harrisburg (Dauphin)  
Hazleton (Luzerne)  
Lehigh Valley (Lehigh)  
Mont Alto (Franklin)  
McKeesport (Allegheny)  
New Kensington (Westmoreland)  
Schuylkill (Schuylkill)  
Shenango (Mercer)  
Wilkes-Barre (Luzerne)  
Worthington Scranton (Lackawanna)  
York (York)

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

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

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

State-Owned Universities

Bloomsburg (Columbia)

California (Washington)

Cheyney (Delaware)

Clarion (Clarion)  
Venango Campus (Venango)

East Stroudsburg (Monroe)

Edinboro (Erie)

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

Kutztown (Berks)

Lock Haven (Clinton)  
Clearfield Campus (Clearfield)

Mansfield (Tioga)

Millersville (Lancaster)

Shippensburg (Cumberland)

Slippery Rock (Butler)

West Chester (Chester)

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

## FOREWORD

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This 32nd 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 2003-04 and data trends for 1998-99 to 2003-04 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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# CONTENTS

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STATE-RELATED AND STATE-OWNED UNIVERSITIES AND BRANCH CAMPUSES (WITH COUNTIES) .....	iv
FOREWORD.....	v
CHANGES IN FTE STUDENT ENROLLMENTS IN THE STATE-RELATED AND STATE-OWNED UNIVERSITIES, 1998-99 to 2003-04.....	xi
ESTIMATED ANNUAL COST SAVINGS FROM A DECREASE IN AVERAGE SALARY AND AN INCREASE IN AVERAGE CLASS SIZE FOR THE STATE-RELATED AND STATE-OWNED UNIVERSITIES, 2003-04.....	xii
I. CURRENT-YEAR DATA	
TABLES	
1. Full-Time Equivalent Students by Academic Level .....	3
2. Full-Time Equivalent Students by Academic Division and Level.....	4
3A. Lincoln University - Number and Percentage Distribution of Full-Time Equivalent Students.....	5
3B. Pennsylvania State University - Number and Percentage Distribution of Full-Time Equivalent Students.....	6
3C. University of Pittsburgh - Number and Percentage Distribution of Full-Time Equivalent Students.....	7

3D.	Temple University - Number and Percentage Distribution of Full-Time Equivalent Students .....	8
3E.	State-Owned Universities - Number and Percentage Distribution of Full-Time Equivalent Students .....	9
4.	Degrees Conferred .....	10
5.	Number and Workweeks of Full-Time Employed Faculty by Type of Activity .....	11
6.	Number and Average Instructional Salaries of Full-Time Equivalent Instructional Faculty and Percentage Distribution by Rank .....	12
7.	Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student by Academic Division and Level .....	13
8A.	Lincoln University - Average Instructional Faculty Salary Cost per Full-Time Equivalent Student .....	14
8B.	Pennsylvania State University - Average Instructional Faculty Salary Cost per Full-Time Equivalent Student .....	15
8C.	University of Pittsburgh - Average Instructional Faculty Salary Cost per Full-Time Equivalent Student .....	16
8D.	Temple University - Average Instructional Faculty Salary Cost per Full-Time Equivalent Student .....	17
8E.	State-Owned Universities - Average Instructional Faculty Salary Cost per Full-Time Equivalent Student .....	18
9.	Average Class Sizes in Classroom Instruction by Academic Division and Level .....	19
10.	Academic Year Tuition and Required Fees for Full-Time Students by Academic Level and Residence .....	20



11.	Tuition and Fee Revenues Related to Full-Time Equivalent Students.....	21
12.	Commonwealth Instructional Appropriations Related to Full-Time Equivalent Students .....	22
13.	Tuition and Fee Revenues, Commonwealth Instructional Appropriations and Student Aid Related to Full-Time Equivalent Students.....	23

II. HISTORICAL DATA

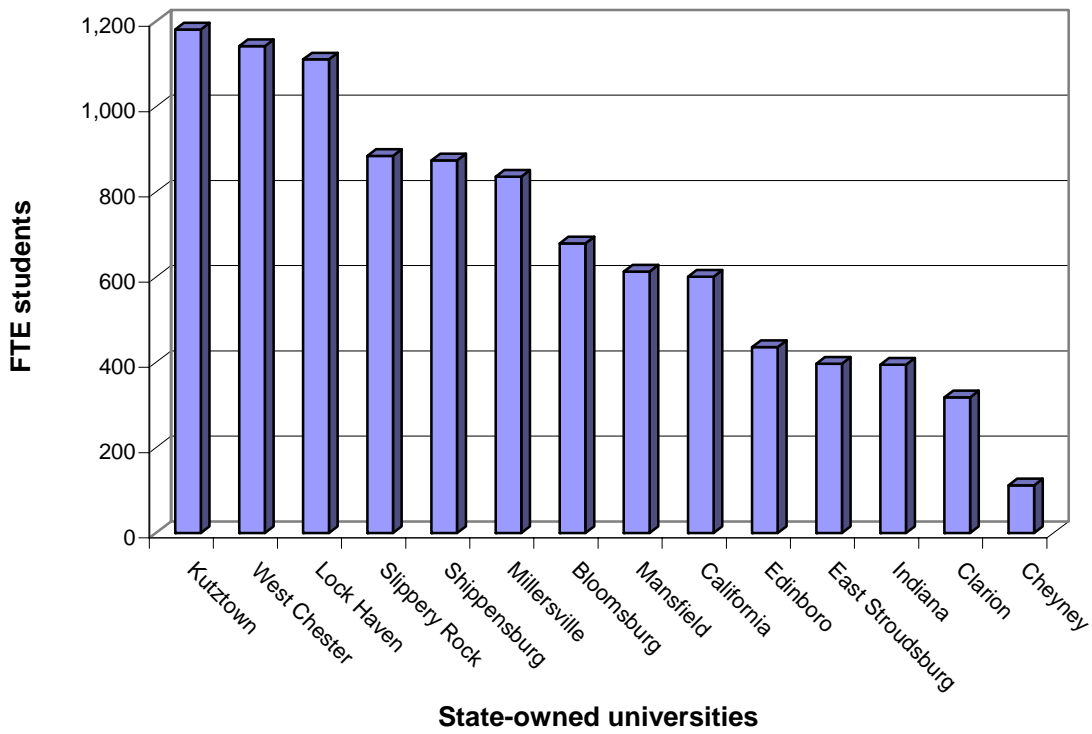
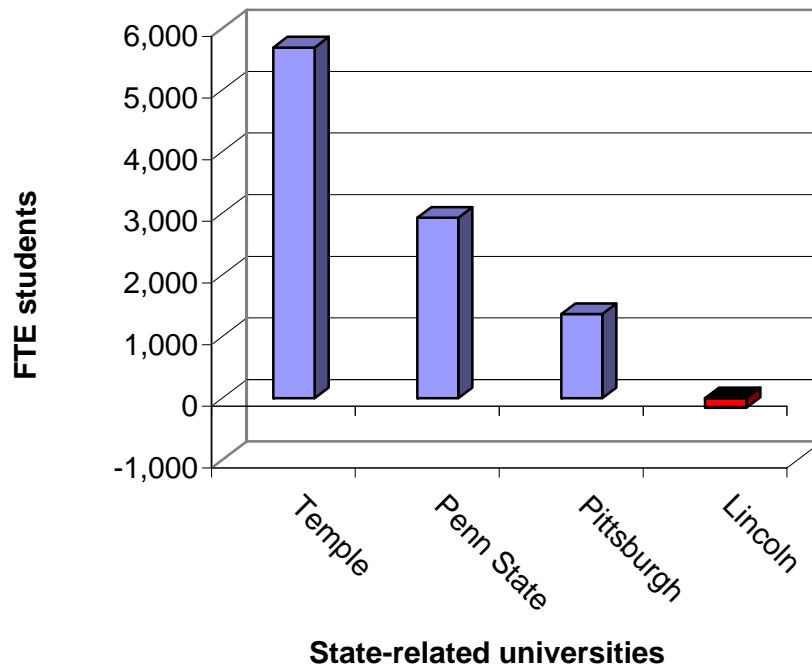
TABLES

1.	Full-Time Equivalent Students by Academic Level .....	27
2.	Student Credit Hours by Academic Division and Level.....	28
3.	Degrees Conferred .....	30
4.	Number and Average Weekly Student Contact Hours of Full-Time Employed Faculty by Academic Level .....	31
5.	Number and Average Instructional Salaries of Full-Time Equivalent Instructional Faculty by Rank.....	32
6.	Average Instructional Faculty Salary Cost Per Full-Time Equivalent Student by Academic Division and Level.....	34
7.	Average Instructional Faculty Salary Cost Per Student Credit Hour by Academic Division and Level.....	35
8.	Average Class Sizes in Classroom Instruction by Academic Division and Level.....	36
9.	Commonwealth Instructional Appropriations .....	37
10.	Academic Year Tuition and Required Fees for Full-Time Students .....	38

APPENDIX: MODEL OF FTE SALARY COST DETERMINATION .....	41
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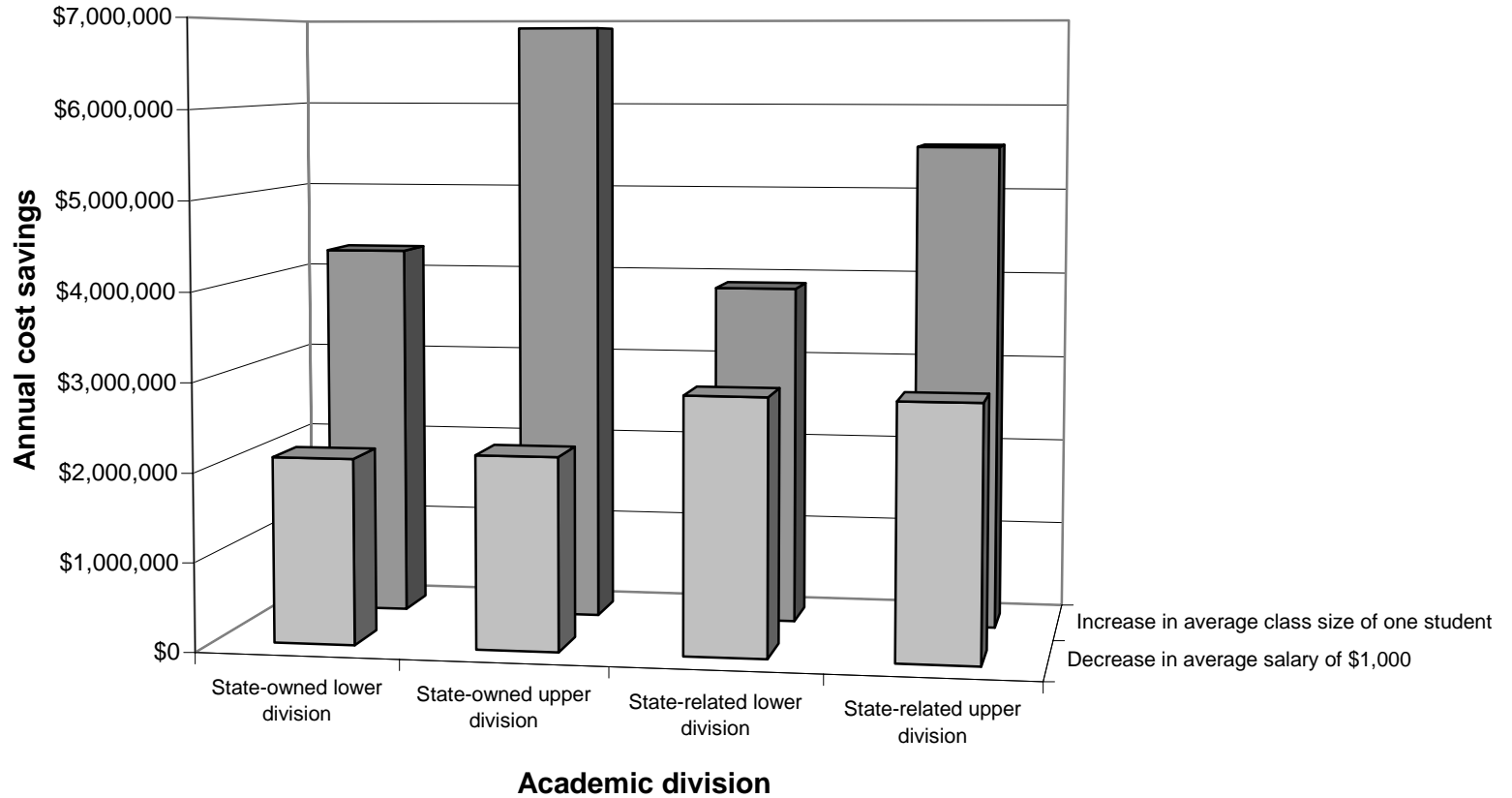
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**CHANGES IN FTE STUDENT ENROLLMENTS  
IN THE STATE-RELATED AND STATE-OWNED UNIVERSITIES  
1998-99 to 2003-04**



SOURCE: Data provided by the individual universities, 1999 to 2004.

**ESTIMATED ANNUAL COST SAVINGS  
FROM A DECREASE IN AVERAGE SALARY AND AN INCREASE IN AVERAGE CLASS SIZE<sup>1</sup>  
FOR THE STATE-RELATED AND STATE-OWNED UNIVERSITIES  
2003-04**



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 \$10 million, and from *increasing* average class (section) size by one student almost \$21 million. The model on which these estimates are based is given in the Appendix.

SOURCE: Data provided by the individual universities, 2004.

## **I. CURRENT YEAR DATA**

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Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL<sup>1</sup>  
 2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

University	Total				Undergraduate				Graduate <sup>2</sup>			
	FTE students	One-year change	Percentage change		FTE students	One-year change	Percentage change		FTE students	One-year change	Percentage change	
			One-year	Five-year average			One-year	Five-year average			One-year	Five-year average
State-related												
Lincoln	1,920	90	5%	-1%	1,565	67	4%	a	355	23	7%	-5%
Penn State	71,988	487	-1	1	64,652	-606	-1	1%	7,336	119	2	3
Pittsburgh	30,587	-276	-1	1	22,709	-258	-1	1	7,878	-18	a	a
Temple	28,977	203	1	5	21,577	873	4	6	7,400	-670	-8	1
Total	133,472	-470	a	2	110,503	76	a	2	22,969	-546	-2	1
State-owned												
Bloomsburg	8,001	112	1	2	7,386	60	1	2	615	52	9	6
California	6,040	159	3	2	5,037	77	2	2	1,003	82	9	5
Cheyney	1,405	-79	-5	2	1,254	108	9	6	151	-187	-55	-11
Clarion	5,998	-220	-4	1	5,661	-210	-4	1	337	-10	-3	6
East Stroudsburg	6,005	-4	a	1	5,214	-8	a	1	791	4	1	3
Edinboro	6,977	-129	-2	1	6,459	-156	-2	1	518	27	5	6
Indiana	13,392	78	1	1	12,056	113	1	a	1,336	-35	-3	3
Kutztown	8,114	319	4	3	7,584	307	4	3	530	12	2	4
Lock Haven	4,701	318	7	6	4,443	337	8	6	258	-19	-7	24
Mansfield	3,276	59	2	5	3,052	29	1	4	224	30	15	22
Millersville	7,713	135	2	2	6,675	165	3	2	1,038	-30	-3	5
Shippensburg	6,984	111	2	3	6,439	82	1	3	545	29	6	1
Slippery Rock	7,469	268	4	3	6,870	232	3	3	599	36	6	-1
West Chester	11,559	-111	-1	2	10,269	-124	-1	2	1,290	13	1	6
Total	97,634	1,016	1	2	88,399	1,012	1	2	9,235	4	a	4
All universities	231,106	546	a	2	198,902	1,088	1	2	32,204	-542	-2	2

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

2. In addition to master's level, graduate for Penn State, Pittsburgh, Temple, 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, 1999 to 2004.

Table 2

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
 2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

University	Lower division			Upper division			Master's			First professional <sup>2</sup> and doctor's		
	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average	FTE students	One-year	Five-year average
<b>State-related</b>												
Lincoln	1,165	7%	-1%	400	-2%	2%	355	7%	-5%	na	na	na
Penn State	38,060	-4	a	26,592	4	2	3,211	-15	a	4,125	20%	7%
Pittsburgh	15,283	-2	1	7,426	a	2	4,891	-1	a	2,987	1	1
Temple	10,089	2	8	11,488	6	5	3,502	-2	1	3,898	-13	2
<b>Total</b>	<b>64,597</b>	<b>-2</b>	<b>1</b>	<b>45,906</b>	<b>4</b>	<b>3</b>	<b>11,959</b>	<b>-5</b>	<b>a</b>	<b>11,010</b>	<b>1</b>	<b>3</b>
<b>State-owned</b>												
Bloomsburg	5,350	2	2	2,036	-1	a	581	3	5	34	--	--
California	3,437	2	2	1,600	1	2	1,003	9	5	na	na	na
Cheyney	974	14	10	280	-4	-2	151	-55	-11	na	na	na
Clarion	3,982	-5	a	1,679	a	3	337	-3	6	na	na	na
East Stroudsburg	3,577	-2	1	1,637	5	2	791	1	3	na	na	na
Edinboro	4,384	-2	2	2,075	-4	a	518	5	6	na	na	na
Indiana	8,571	1	1	3,485	a	-1	987	-7	2	349	12	7
Kutztown	5,005	4	3	2,579	4	3	530	2	4	na	na	na
Lock Haven	3,222	9	8	1,221	7	1	258	-7	24	na	na	na
Mansfield	1,761	-2	3	1,291	5	6	224	15	22	na	na	na
Millersville	4,355	2	3	2,320	4	1	1,038	-3	5	na	na	na
Shippensburg	4,385	-2	2	2,054	8	5	545	6	1	na	na	na
Slippery Rock	4,806	2	3	2,064	7	3	432	7	3	167	4	-7
West Chester	6,737	-4	1	3,532	4	3	1,290	1	6	na	na	na
<b>Total</b>	<b>60,546</b>	<b>1</b>	<b>2</b>	<b>27,853</b>	<b>3</b>	<b>2</b>	<b>8,685</b>	<b>-1</b>	<b>4</b>	<b>550</b>	<b>16</b>	<b>1</b>
<b>All universities</b>	<b>125,143</b>	<b>-1</b>	<b>1</b>	<b>73,759</b>	<b>3</b>	<b>2</b>	<b>20,644</b>	<b>-3</b>	<b>1</b>	<b>11,560</b>	<b>2</b>	<b>3</b>

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, 1999 to 2004.



Table 3A

LINCOLN UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2003-04

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	--	--	--	--	--	--	--	--
Business	138	7%	46	4%	73	18%	19	5%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	219	12	123	11	65	16	31	9
Engineering	--	--	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	69	4	56	5	13	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	250	13	207	18	43	11	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	113	6	100	9	13	3	--	--
Mathematics and Statistics	172	9	154	13	16	4	2	1
Military Technologies	--	--	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	77	4	63	5	14	4	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	98	5	84	7	14	4	--	--
Physical Sciences	75	4	58	5	17	4	--	--
Psychology	62	3	40	3	22	5	--	--
Security and Protective Services/ Public Administration and Services	310	16	--	--	7	2	303	85
Social Sciences and History	238	12	142	12	96	24	--	--
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	100	5	93	8	7	2	--	--
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	1,920	100	1,165	100	400	100	355	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, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 3B

PENNSYLVANIA STATE UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2003-04

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	1,155	2%	282	1%	698	3%	175	2%
Architecture and Related Services	576	1	344	1	215	1	17	a
Area, Ethnic, Cultural and Gender Studies	881	1	538	2	298	1	45	1
Business	8,049	11	2,160	6	4,857	18	1,032	14
Communications	3,517	5	2,043	5	1,358	5	116	2
Computer and Information Sciences and Support Services	2,866	4	1,658	4	989	4	219	3
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	3,245	4	457	1	1,169	5	1,619	22
Engineering	5,638	8	1,511	4	2,934	11	1,193	16
Foreign Languages, Literature and Linguistics	3,588	5	2,431	6	964	4	193	3
Health Professions and Related Clinical Sciences	1,529	2	447	1	898	3	184	3
Family and Consumer Sciences/ Human Sciences	1,965	3	1,051	3	832	3	82	1
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	--	--	--	--	--	--	--	--
English Language and Literature/Letters	4,498	6	2,554	7	1,791	7	153	2
Liberal Arts and Sciences, General Studies and Humanities	239	a	182	1	40	a	17	a
Library Science	6	a	2	a	4	a	--	--
Biological and Biomedical Sciences	4,149	6	2,581	7	1,170	5	398	5
Mathematics and Statistics	6,261	9	5,443	14	600	2	218	3
Military Technologies	103	a	58	a	45	a	--	--
Multi/Interdisciplinary Studies	585	1	276	1	282	1	27	a
Parks, Recreation, Leisure and Fitness Studies	1,831	3	632	2	1,132	4	67	1
Personal and Social Development	27	a	22	a	5	a	--	--
Philosophy and Religion/Theology	1,246	2	849	2	351	1	46	1
Physical Sciences	5,012	7	3,573	9	826	3	613	8
Psychology	3,037	4	1,596	4	1,109	4	332	5
Security and Protective Services/ Public Administration and Services	940	1	225	1	607	2	108	1
Social Sciences and History	5,757	8	3,556	9	1,900	7	301	4
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	3,602	5	2,348	6	1,115	4	139	2
Other	1,683	2	1,239	3	403	2	41	1
Total <sup>3</sup>	71,988	100	38,060	100	26,592	100	7,336	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, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 3C

UNIVERSITY OF PITTSBURGH  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2003-04

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	--	--	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	110	a	58	a	52	1%	--	--
Business	2,444	8%	497	3%	1,183	16	764	10%
Communications	--	--	--	--	--	--	--	--
Computer and Information Sciences and Support Services	1,085	4	551	4	279	4	255	3
Personal and Culinary Services	--	--	--	--	--	--	--	--
Education	1,833	6	383	2	430	6	1,020	13
Engineering	1,604	5	484	3	655	9	465	6
Foreign Languages, Literature and Linguistics	1,534	5	1,087	7	352	5	95	1
Health Professions and Related Clinical Sciences	3,477	11	277	2	745	10	2,455	31
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	906	3	2	a	--	--	904	11
English Language and Literature/Letters	3,143	10	2,228	15	809	11	106	1
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--	--	--
Library Science	283	1	--	--	4	a	279	4
Biological and Biomedical Sciences	982	3	751	5	193	3	38	a
Mathematics and Statistics	2,269	8	1,864	12	318	4	87	1
Military Technologies	18	a	6	a	11	a	1	a
Multi/Interdisciplinary Studies	390	1	233	2	116	1	41	a
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	691	2	485	3	160	2	46	1
Physical Sciences	2,127	7	1,735	11	160	2	232	3
Psychology	1,500	5	1,150	8	282	4	68	1
Security and Protective Services/ Public Administration and Services	1,425	5	153	1	441	6	831	11
Social Sciences and History	3,631	12	2,438	16	1,044	14	149	2
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	1,132	4	900	6	190	2	42	1
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	30,587	100	15,283	100	7,426	100	7,878	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, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 3D

TEMPLE UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2003-04

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	133	a	51	a	80	1%	2	a
Architecture and Related Services Area, Ethnic, Cultural and Gender Studies	304	1%	104	1%	175	2	25	a
Business	561	2	269	3	255	2	37	a
Communications	3,224	11	761	8	1,825	16	638	9%
Computer and Information Sciences and Support Services	971	3	276	3	618	5	77	1
Personal and Culinary Services	605	2	233	2	315	3	57	1
Education	--	--	--	--	--	--	--	--
Engineering	2,142	7	394	4	1,031	9	717	10
Foreign Languages, Literature and Linguistics	435	2	104	1	263	2	68	1
Health Professions and Related Clinical Sciences	1,016	4	557	6	424	4	35	a
Family and Consumer Sciences/ Human Sciences	3,350	12	153	2	477	4	2,720	37
Technology Education/Industrial Arts	--	--	--	--	--	--	--	--
Legal Professions and Studies	1,782	6	152	1	203	2	1,427	19
English Language and Literature/Letters	1,587	5	936	9	591	5	60	1
Liberal Arts and Sciences, General Studies and Humanities	822	3	640	6	172	1	10	a
Library Science	--	--	--	--	--	--	--	--
Biological and Biomedical Sciences	415	1	164	2	222	2	29	a
Mathematics and Statistics	1,334	5	886	9	384	3	64	1
Military Technologies	9	a	6	a	3	a	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	160	1	36	a	91	1	33	a
Personal and Social Development	--	--	--	--	--	--	--	--
Philosophy and Religion/Theology	762	3	388	4	332	3	42	1
Physical Sciences	1,190	4	705	7	419	4	66	1
Psychology	1,290	4	425	4	500	4	365	5
Security and Protective Services/ Public Administration and Services	1,176	4	219	2	501	4	456	6
Social Sciences and History	3,363	12	1,700	17	1,465	13	198	3
Trade and Industrial	--	--	--	--	--	--	--	--
Visual and Performing Arts	2,348	8	931	9	1,144	10	273	4
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	28,977	100	10,089	100	11,488	100	7,400	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, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 3E

STATE-OWNED UNIVERSITIES  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2003-04

CIP Classification	Total	Percentage of total	Undergraduate				Graduate <sup>2</sup>	Percentage of total
			Lower division	Percentage of total	Upper division	Percentage of total		
Agriculture	104	a	98	a	6	a	--	--
Architecture and Related Services	26	a	5	a	21	a	--	--
Area, Ethnic, Cultural and Gender Studies	598	1%	346	1%	241	1%	11	a
Business	8,022	8	3,223	5	4,213	15	586	6%
Communications	2,922	3	1,688	3	1,100	4	134	1
Computer and Information Sciences and Support Services	2,113	2	1,443	2	569	2	101	1
Personal and Culinary Services	517	1	403	1	114	a	--	--
Education	16,227	17	4,866	8	6,838	25	4,523	49
Engineering	321	a	152	a	115	a	54	1
Foreign Languages, Literature and Linguistics	2,547	3	2,146	4	336	1	65	1
Health Professions and Related Clinical Sciences	3,438	4	1,030	2	1,532	6	876	10
Family and Consumer Sciences/ Human Sciences	544	1	285	a	241	1	18	a
Technology Education/Industrial Arts	686	1	206	a	200	1	280	3
Legal Professions and Studies	154	a	95	a	56	a	3	a
English Language and Literature/Letters	9,315	10	7,179	12	1,789	7	347	4
Liberal Arts and Sciences, General Studies and Humanities	356	a	195	a	31	a	130	1
Library Science	278	a	29	a	80	a	169	2
Biological and Biomedical Sciences	4,032	4	3,241	5	652	2	139	2
Mathematics and Statistics	6,130	6	5,403	9	585	2	142	2
Military Technologies	108	a	71	a	37	a	--	--
Multi/Interdisciplinary Studies	477	a	348	1	88	a	41	a
Parks, Recreation, Leisure and Fitness Studies	2,138	2	1,194	2	834	3	110	1
Personal and Social Development	273	a	205	a	21	a	47	1
Philosophy and Religion/Theology	1,941	2	1,622	3	298	1	21	a
Physical Sciences	5,103	5	4,527	8	528	2	48	1
Psychology	5,721	6	3,456	6	1,670	6	595	6
Security and Protective Services/ Public Administration and Services	1,967	2	825	1	958	4	184	2
Social Sciences and History	14,290	15	10,743	18	3,063	11	484	5
Trade and Industrial	44	a	30	a	13	a	1	a
Visual and Performing Arts	7,131	7	5,366	9	1,635	6	130	1
Other	136	a	132	a	1	a	3	a
Total <sup>3</sup>	97,634	100	60,546	100	27,853	100	9,235	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 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, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 4

DEGREES CONFERRED<sup>1</sup>  
2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

University	Total				Bachelor's				Graduate <sup>2</sup>			
	Degrees	One-year change	One-year Percentage change	Five-year average	Degrees	One-year change	One-year Percentage change	Five-year average	Degrees	One-year change	One-year Percentage change	Five-year average
<b>State-related</b>												
Lincoln	333	-22	-6%	-2%	175	-35	-17%	-2%	158	13	9%	-1%
Penn State	14,879	467	3	4	12,002	247	2	4	2,877	220	8	3
Pittsburgh	7,335	216	3	2	4,736	216	5	5	2,599	0	0	-1
Temple	6,726	674	11	4	4,122	374	10	6	2,604	300	13	2
Total	29,273	1,335	5	3	21,035	802	4	5	8,238	533	7	1
<b>State-owned</b>												
Bloomsburg	1,847	186	11	6	1,539	153	11	6	308	33	12	6
California	1,369	9	1	2	1,004	6	1	2	365	3	1	2
Cheyney	301	7	2	5	166	7	4	4	135	0	0	6
Clarion	1,252	189	18	7	1,051	154	17	7	201	35	21	7
East Stroudsburg	1,238	54	5	4	963	57	6	4	275	-3	-1	3
Edinboro	1,421	105	8	5	1,239	125	11	5	182	-20	-10	8
Indiana	2,438	-51	-2	-1	1,801	-121	-6	-3	637	70	12	4
Kutztown	1,608	45	3	4	1,356	36	3	4	252	9	4	2
Lock Haven	803	46	6	4	733	58	9	3	70	-12	-15	36
Mansfield	635	-33	-5	3	544	-44	-7	4	91	11	14	1
Millersville	1,466	87	6	a	1,249	36	3	a	217	51	31	4
Shippensburg	1,645	139	9	2	1,357	148	12	3	288	-9	-3	-1
Slippery Rock	1,516	133	10	3	1,272	85	7	2	244	48	24	5
West Chester	2,397	108	5	4	1,876	62	3	4	521	46	10	4
Total	19,936	1,024	5	3	16,150	762	5	3	3,786	262	7	4
All universities	49,209	2,359	5	3	37,185	1,564	4	4	12,024	795	7	2

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

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 1999 to 2004.

Table 5

NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY  
FALL 2003, AND PERCENTAGE CHANGE FROM FALL 2002

University	Full-time employed faculty <sup>1</sup>	Average weekly hours <sup>2</sup>											
		Student contact				Instruc- tional support <sup>3</sup>	Research				Other university service <sup>4</sup>	Total work- week	Percentage change
		Under- graduate	Percentage change	Graduate	Percentage change		Percentage change	Percentage change	Percentage change	Percentage change			
<b>State-related</b>													
Lincoln	95	12.7	2%	0.8	-20%	19.7	3%	10.4	3%	10.3	-10%	53.9	-1%
Penn State	3,579	6.5	0	1.7	0	19.1	-4	17.7	0	7.0	6	52.0	-1
Pittsburgh	1,983	4.3	2	3.6	6	12.8	5	19.7	-2	11.1	0	51.5	1
Temple	1,154	5.4	-5	3.8	0	18.5	3	13.3	-1	11.4	2	52.4	1
Total	6,811	5.7	0	2.6	4	17.2	0	17.4	-1	9.0	2	51.9	a
<b>State-owned</b>													
Bloomsburg	367	11.1	0	1.0	11	17.8	0	9.3	1	17.4	-2	56.6	a
California	277	9.3	3	2.1	40	19.1	7	6.7	2	19.4	-3	56.6	3
Cheyney	78	10.8	-2	0.7	133	18.5	6	6.8	-3	17.8	6	54.6	4
Clarion	323	10.9	0	0.9	29	19.5	0	7.7	-9	14.0	7	53.0	1
East Stroudsburg	265	10.4	-4	1.4	-13	17.7	-4	8.9	22	16.4	-5	54.8	-1
Edinboro	356	11.5	0	1.4	8	18.0	-2	8.0	0	15.8	5	54.7	1
Indiana	693	9.5	1	1.5	-6	18.2	3	9.0	-6	20.5	3	58.7	1
Kutztown	394	11.4	1	0.6	20	16.4	-1	7.9	-1	16.9	1	53.2	0
Lock Haven	252	10.4	-3	0.5	25	18.7	2	6.7	10	17.7	-1	54.0	1
Mansfield	163	8.6	-2	0.3	-25	22.0	8	9.3	12	18.2	2	58.4	5
Millersville	311	10.0	-3	0.9	0	16.2	-4	8.3	1	17.6	1	53.0	-1
Shippensburg	303	10.2	-3	0.9	-10	18.6	1	9.4	7	18.1	1	57.2	1
Slippery Rock	366	10.4	2	1.1	-8	17.8	1	2.9	16	22.9	-3	55.1	a
West Chester	564	10.1	-2	1.7	6	17.3	1	11.9	1	18.0	-1	59.0	a
Total	4,712	10.3	-1	1.2	9	18.0	1	8.4	1	18.1	1	56.0	1
All universities	11,523	7.5	-1	2.0	0	17.5	0	14.0	1	12.5	1	53.5	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, 2003 and 2004.

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK<sup>1</sup>  
2003-04  
(Dollars in thousands)

University	FTE instructional faculty		Average instructional salary		Professor		Associate professor		Assistant professor		Instructor		No rank <sup>2</sup>	
	Number	Percentage change 2002-03 to 2003-04	Amount	Percentage change 2002-03 to 2003-04	Average instruc- tional salary	Percent- age of faculty	Average instruc- tional salary	Percent- age of faculty	Average instruc- tional salary	Percent- age of faculty	Average instruc- tional salary	Percent- age of faculty	Average instruc- tional salary	Percent- age of faculty
State-related														
Lincoln	133	9%	\$38.3	1%	\$57.2	24%	\$44.5	15%	\$32.5	27%	\$24.1	18%	\$30.3	16%
Penn State	4,224	2	58.1	2	101.2	16	70.7	18	58.9	21	36.0	18	38.7	27
Pittsburgh	1,946	4	55.0	2	90.3	18	63.1	19	53.2	21	36.0	17	38.4	25
Temple	1,673	2	53.3	2	86.3	23	67.1	18	45.7	20	31.6	20	31.0	19
Total	7,976	3	56.0	2	93.7	18	67.6	18	54.2	21	34.8	18	37.3	25
State-owned														
Bloomsburg	398	a	61.9	0	77.6	32	63.1	29	52.0	28	39.5	11	na	na
California	270	1	53.0	-11	74.9	30	41.2	30	55.8	13	40.6	26	41.8	1
Cheyney	102	0	58.0	-6	86.4	18	63.1	26	52.5	27	40.6	29	na	na
Clarion	321	-4	61.2	1	79.7	31	64.5	21	52.3	28	40.7	20	na	na
East Stroudsburg	316	-2	62.0	-1	81.1	30	65.5	26	54.6	21	40.3	23	na	na
Edinboro	413	a	57.3	-3	74.6	24	62.2	23	50.8	36	40.3	17	35.4	a
Indiana	683	-7	63.5	2	77.2	33	64.7	28	53.2	28	45.1	10	49.0	1
Kutztown	393	3	61.9	-3	84.2	26	68.7	27	50.1	30	38.5	17	42.7	a
Lock Haven	249	5	57.5	a	82.2	19	63.7	23	49.2	43	40.3	15	na	na
Mansfield	172	-10	64.0	8	94.1	26	66.2	31	47.5	29	40.0	13	0	1
Millersville	418	a	59.1	-3	79.3	28	63.3	24	50.2	29	36.9	19	na	na
Shippensburg	354	a	59.6	-1	73.2	28	64.0	22	51.7	44	37.8	6	38.6	a
Slippery Rock	378	1	60.2	-4	75.8	29	60.7	24	53.6	35	42.0	12	na	na
West Chester	634	-3	57.7	-1	79.2	24	64.8	25	54.0	22	37.4	28	23.7	1
Total	5,101	-2	60.0	1	78.7	28	62.9	25	51.9	29	39.7	17	38.5	1
All universities	13,077	1	57.5	1	86.2	22	65.4	21	53.1	24	36.6	18	37.3	15

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

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

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2003 and 2004.



Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

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	\$2,458	a	3%	\$3,777	-1%	2%	\$2,796	-1%	3%	\$2,006	70%	2%
Penn State	1,995	8%	5	3,441	1	3	2,590	5	5	5,271	-18	2
Pittsburgh	1,958	14	4	3,655	6	4	2,513	10	4	6,585	5	5
Temple	1,968	a	a	3,105	2	3	2,574	2	1	4,338	5	4
Total	1,988	8	4	3,390	2	3	2,570	6	4	5,437	-3	4
State-owned												
Bloomsburg	2,433	1	1	4,423	-2	1	2,981	a	1	4,219	-15	a
California	1,828	-17	-3	3,306	-9	-3	2,298	-13	-3	2,732	-24	-6
Cheyney	3,532	-14	--	6,228	2	--	4,135	-10	--	5,047	69	--
Clarion	2,413	2	a	4,881	-5	a	3,145	a	1	5,369	11	a
East Stroudsburg	2,442	-5	1	4,769	-1	3	3,173	-2	2	3,863	-6	10
Edinboro	2,493	2	a	4,638	-4	2	3,181	-1	a	6,068	-1	4
Indiana	2,217	-8	2	4,735	-3	1	2,945	-6	1	5,310	-4	-2
Kutztown	1,991	-4	-1	4,642	-4	a	2,893	-4	a	4,488	-5	2
Lock Haven	2,412	3	3	4,758	7	5	3,054	4	3	3,044	-48	-1
Mansfield	2,531	-1	a	4,799	-6	-1	3,490	-3	0	1,671	-20	-11
Millersville	2,833	-7	a	4,027	-3	1	3,248	-5	a	2,942	7	-1
Shippensburg	2,458	-2	1	3,715	-5	a	2,859	-2	1	4,993	-4	6
Slippery Rock	2,433	-9	-1	4,170	-6	-1	2,955	-7	-1	5,001	-3	1
West Chester	2,500	-4	2	3,958	-7	a	3,001	-5	1	4,453	-1	1
Total	2,390	-4	1	4,362	-4	1	3,011	-4	1	4,190	-4	a
All universities	2,182	1	2	3,757	-1	2	2,766	1	2	4,912	-3	2

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 1999 to 2004.

Table 8A

LINCOLN UNIVERSITY  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2003-04

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	\$1,886	\$3,056	\$2,606	\$2,837	--	--
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	--	--	--	--	--	--
Personal and Culinary Services	--	--	--	--	--	--
Education	1,473	2,199	1,723	2,187	--	--
Engineering	--	--	--	--	--	--
Foreign Languages, Literature and Linguistics	2,902	3,888	3,088	--	--	--
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	2,195	2,654	2,274	--	--	--
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	1,455	4,503	1,809	--	--	--
Mathematics and Statistics	2,919	4,393	3,060	--	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	2,785	4,753	3,151	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	2,013	3,950	2,289	--	--	--
Physical Sciences	5,250	11,583	6,674	--	--	--
Psychology	2,964	7,342	4,529	--	--	--
Security and Protective Services/ Public Administration and Services	--	4,990	4,990	1,895	--	--
Social Sciences and History	1,952	3,033	2,389	--	--	--
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	3,680	6,385	3,873	--	--	--
Other	--	--	--	--	--	--
Total	2,458	3,777	2,796	2,006	--	--

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, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 8B

PENNSYLVANIA STATE UNIVERSITY  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2003-04

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$2,500	\$3,527	\$3,231	\$8,712	--	\$13,990
Architecture and Related Services Area, Ethnic, Cultural and Gender Studies	1,411	6,152	3,233	32,833	--	20,641
Business	2,038	3,911	2,706	4,491	--	11,796
Communications	1,485	3,347	2,774	5,040	--	8,090
Computer and Information Sciences and Support Services	1,770	2,890	2,217	8,531	--	14,703
Personal and Culinary Services	3,044	4,394	3,549	5,269	--	17,728
Education	--	--	--	--	--	--
Engineering	2,463	3,674	3,333	1,987	--	7,621
Foreign Languages, Literature and Linguistics	5,026	4,285	4,537	6,404	--	18,917
Health Professions and Related Clinical Sciences	2,160	2,730	2,322	6,876	--	9,564
Family and Consumer Sciences/ Human Sciences	3,395	3,786	3,656	5,465	--	11,535
Technology Education/Industrial Arts	1,092	3,598	2,199	3,281	--	16,219
Legal Professions and Studies	--	--	--	--	--	--
English Language and Literature/Letters	--	--	--	--	--	--
Liberal Arts and Sciences, General Studies and Humanities	2,525	3,023	2,731	7,477	--	19,131
Library Science	5,009	8,127	5,566	8,106	--	21,776
Biological and Biomedical Sciences	--	--	--	--	--	--
Mathematics and Statistics	1,510	3,008	1,978	9,235	--	18,256
Military Technologies	1,995	3,747	2,169	5,226	--	19,887
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	3,004	3,403	3,205	13,755	--	17,995
Personal and Social Development	1,521	2,738	2,302	11,921	--	15,371
Philosophy and Religion/Theology	--	--	--	--	--	--
Physical Sciences	1,698	2,715	1,995	6,543	--	18,928
Psychology	1,965	3,537	2,260	11,077	--	19,895
Security and Protective Services/ Public Administration and Services	1,039	3,128	1,895	3,987	--	13,122
Social Sciences and History	1,405	2,770	2,401	4,899	--	16,079
Trade and Industrial	1,243	2,933	1,831	9,283	--	20,875
Visual and Performing Arts	--	--	--	--	--	--
Other	1,705	4,094	2,474	9,635	--	13,571
Total	1,622	3,092	1,983	11,855	--	26,997
Total	1,995	3,441	2,590	5,271	--	14,855

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, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 8C

UNIVERSITY OF PITTSBURGH  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2003-04

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and Related Services	--	--	--	--	--	--
Area, Ethnic, Cultural and Gender Studies	\$2,816	\$3,687	\$3,228	--	--	--
Business	2,487	2,536	2,522	\$4,192	--	\$38,222
Communications	--	--	--	--	--	--
Computer and Information Sciences and Support Services	1,969	3,175	2,374	6,958	--	18,478
Personal and Culinary Services	--	--	--	--	--	--
Education	2,531	4,613	3,632	3,444	--	10,330
Engineering	2,745	4,552	3,784	10,099	--	22,835
Foreign Languages, Literature and Linguistics	2,655	3,293	2,812	8,464	--	18,843
Health Professions and Related Clinical Sciences	3,106	5,153	4,597	9,767	\$1,858	25,899
Family and Consumer Sciences/ Human Sciences	--	--	--	--	--	--
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	4,959	--	4,959	7,735	2,908	--
English Language and Literature/Letters	2,076	2,849	2,282	9,204	--	9,570
Liberal Arts and Sciences, General Studies and Humanities	--	--	--	--	--	--
Library Science	--	2,409	2,409	2,711	--	14,806
Biological and Biomedical Sciences	2,066	4,083	2,479	15,726	--	27,376
Mathematics and Statistics	1,757	2,841	1,915	10,562	--	14,261
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	1,123	3,878	2,041	14,641	--	6,908
Parks, Recreation, Leisure and Fitness Studies	--	--	--	--	--	--
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	1,967	2,928	2,206	9,233	--	15,995
Physical Sciences	1,910	9,142	2,521	13,663	--	17,112
Psychology	975	3,473	1,467	8,239	--	11,087
Security and Protective Services/ Public Administration and Services	1,313	2,330	2,068	3,418	--	12,645
Social Sciences and History	1,778	3,561	2,313	12,995	--	20,782
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	1,930	4,938	2,455	11,957	--	25,360
Other	--	--	--	--	--	--
<b>Total</b>	<b>1,958</b>	<b>3,655</b>	<b>2,513</b>	<b>6,585</b>	<b>2,272</b>	<b>18,058</b>

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

2. Excludes medical school data.

SOURCE: Data provided by University of Pittsburgh, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 8D

TEMPLE UNIVERSITY  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2003-04

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$2,554	\$4,447	\$3,711	\$2,159	--	--
Architecture and Related Services Area, Ethnic, Cultural and Gender Studies	2,069	3,535	2,987	5,925	--	\$10,934
Business	1,592	2,054	1,817	5,305	--	12,070
Communications	1,840	3,098	2,728	3,768	--	17,386
Computer and Information Sciences and Support Services	1,867	3,584	3,054	6,208	--	14,204
Personal and Culinary Services	2,479	4,472	3,624	8,933	--	14,941
Education	--	--	--	--	--	--
Engineering	1,779	2,977	2,646	2,802	--	5,641
Foreign Languages, Literature and Linguistics	3,061	4,347	3,983	9,624	--	14,614
Health Professions and Related Clinical Sciences	2,304	2,937	2,578	5,374	--	12,794
Family and Consumer Sciences/ Human Sciences	2,874	3,559	3,392	4,195	\$2,819	4,150
Technology Education/Industrial Arts	--	--	--	--	--	--
Legal Professions and Studies	1,983	2,246	2,134	3,508	4,244	--
English Language and Literature/Letters	2,160	2,664	2,355	8,740	--	12,957
Liberal Arts and Sciences, General Studies and Humanities	1,607	2,016	1,694	1,802	--	13,240
Library Science	--	--	--	--	--	--
Biological and Biomedical Sciences	1,502	3,560	2,685	7,032	--	21,810
Mathematics and Statistics	2,342	3,488	2,688	3,875	--	24,999
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	--	--	--	--	--	--
Parks, Recreation, Leisure and Fitness Studies	1,192	4,084	3,272	3,135	--	7,220
Personal and Social Development	--	--	--	--	--	--
Philosophy and Religion/Theology	1,547	2,518	1,994	5,916	--	13,865
Physical Sciences	1,831	3,287	2,374	7,152	--	25,438
Psychology	1,136	2,942	2,113	3,421	--	8,605
Security and Protective Services/ Public Administration and Services	1,749	2,152	2,030	3,586	--	17,360
Social Sciences and History	1,502	2,377	1,907	5,988	--	11,556
Trade and Industrial	--	--	--	--	--	--
Visual and Performing Arts	3,020	4,035	3,580	7,656	--	14,500
Other	--	--	--	--	--	--
Total	1,968	3,105	2,547	4,338	3,396	9,202

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, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 8E

STATE-OWNED UNIVERSITIES  
 AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT<sup>1</sup>  
 BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
 2003-04

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$2,259	\$4,712	\$2,401	--	--	--
Architecture and Related Services	4,400	7,428	6,846	--	--	--
Area, Ethnic, Cultural and Gender Studies	2,412	3,131	2,707	\$7,542	--	--
Business	2,272	3,553	2,998	3,931	--	--
Communications	2,347	3,838	2,935	5,266	--	--
Computer and Information Sciences and Support Services	3,074	4,935	3,601	5,207	--	--
Personal and Culinary Services	365	3,451	1,046	--	--	--
Education	2,085	3,938	3,168	3,204	--	\$5,610
Engineering	3,574	5,635	4,462	4,606	--	--
Foreign Languages, Literature and Linguistics	2,966	6,129	3,394	3,835	--	--
Health Professions and Related Clinical Sciences	3,012	5,616	4,569	5,018	--	3,223
Family and Consumer Sciences/ Human Sciences	1,708	3,663	2,604	6,784	--	4,870
Technology Education/Industrial Arts	3,623	4,790	4,198	2,353	--	--
Legal Professions and Studies	2,303	2,172	2,254	2,442	--	--
English Language and Literature/Letters	2,618	4,074	2,908	5,550	--	8,309
Liberal Arts and Sciences, General Studies and Humanities	2,479	1,908	2,401	584	--	--
Library Science	2,343	2,893	2,746	3,546	--	--
Biological and Biomedical Sciences	2,574	7,741	3,439	11,872	--	--
Mathematics and Statistics	2,422	4,402	2,615	5,348	--	--
Military Technologies	--	--	--	--	--	--
Multi/Interdisciplinary Studies	2,614	4,355	2,965	4,124	--	--
Parks, Recreation, Leisure and Fitness Studies	2,085	4,183	2,948	5,517	--	--
Personal and Social Development	3,263	7,666	3,672	4,749	--	--
Philosophy and Religion/Theology	2,120	3,731	2,370	8,598	--	--
Physical Sciences	3,031	9,031	3,658	14,298	--	--
Psychology	1,924	3,777	2,528	4,439	--	16,302
Security and Protective Services/ Public Administration and Services	1,997	3,526	2,819	4,920	--	--
Social Sciences and History	1,924	3,855	2,353	6,923	--	7,663
Trade and Industrial	2,039	7,306	3,631	7,120	--	--
Visual and Performing Arts	2,743	6,891	3,712	11,741	--	29,636
Other	2,864	--	2,864	2,967	--	--
Total	2,389	4,360	3,011	4,188	--	6,011

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 Indiana University and/or Slippery Rock University.

SOURCE: Data provided by the individual State-owned universities, 2004; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs: 2000 Edition*, 2002.

Table 9

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
 2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

University	Undergraduate											
	Lower division			Upper division			Total undergraduate			Master's		
	Class size	Percentage change		Class size	Percentage change		Class size	Percentage change		Class size	Percentage change	
One-year		Five-year average	One-year		Five-year average	One-year		Five-year average	One-year		Five-year average	
State-related												
Lincoln	23	0%	3%	15	0%	3%	21	5%	3%	14	0%	0%
Penn State	30	0	-1	26	-4	-1	29	0	0	15	0	0
Pittsburgh	30	-3	-1	24	0	1	28	0	0	17	0	0
Temple	29	4	3	23	0	1	26	4	2	15	7	1
Total	30	0	0	25	0	0	28	0	0	15	-6	0
State-owned												
Bloomsburg	30	0	2	19	0	0	26	0	2	13	8	2
California	29	0	0	19	6	4	25	4	2	15	7	5
Cheyney	25	19	--	17	13	--	23	21	--	10	-47	--
Clarion	36	0	2	16	7	1	27	4	2	11	-8	0
East Stroudsburg	28	0	0	17	-6	-1	23	-4	-1	12	0	-6
Edinboro	28	0	3	17	0	0	23	0	2	9	-10	0
Indiana	33	6	3	15	7	3	25	4	4	12	0	10
Kutztown	32	0	2	17	0	1	25	0	3	12	-8	-3
Lock Haven	33	3	3	21	0	0	29	0	2	17	21	8
Mansfield	27	4	-1	20	18	4	24	9	1	18	-10	10
Millersville	28	4	2	22	5	2	25	0	2	17	-6	3
Shippensburg	30	0	1	24	0	2	28	0	1	16	7	3
Slippery Rock	32	0	1	17	-6	3	26	0	2	11	-8	-3
West Chester	26	4	2	17	6	4	22	5	2	12	0	2
Total	30	3	1	18	6	3	25	4	2	13	0	2
All universities	30	0	1	22	5	2	26	0	1	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, 1999 to 2004.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE  
2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

University	Undergraduate						Graduate <sup>1</sup>					
	In-State			Out-of-State			In-State			Out-of-State		
	Tuition and required fees	Percentage change		Tuition and required fees	Percentage change		Tuition and required fees	Percentage change		Tuition and required fees	Percentage change	
	One-year	Five-year average		One-year	Five-year average		One-year	Five-year average		One-year	Five-year average	
State-related												
Lincoln	\$6,216	14%	7%	\$10,136	14%	8%	\$7,808	13%	7%	\$13,426	13%	8%
Penn State <sup>2</sup>	9,206	10	10	18,828	7	9	10,420	12	11	20,240	8	10
Pittsburgh <sup>2</sup>	9,274	9	9	18,586	7	8	12,304	9	9	23,470	7	8
Temple	8,594	7	7	15,354	7	7	10,780	7	7	15,484	7	8
Average	8,323	9	8	15,726	8	8	10,328	10	8	18,155	9	8
State-owned												
Bloomsburg	5,844	5	7	12,792	5	7	6,719	7	13	10,081	6	9
California	6,007	5	6	12,955	5	6	6,885	5	11	10,247	5	8
Cheyney	5,403	5	7	12,301	5	6	6,048	5	11	9,410	6	8
Clarion	5,998	4	6	9,448	19	1	6,725	5	10	10,037	5	8
East Stroudsburg	5,979	9	8	12,929	7	7	6,725	8	12	10,087	7	9
Edinboro	5,766	6	8	8,346	8	-3	6,956	4	12	10,366	5	7
Indiana	5,785	4	7	12,733	5	7	6,459	4	11	9,821	4	8
Kutztown	5,775	5	7	12,725	5	6	6,616	5	12	9,978	5	9
Lock Haven	5,874	5	9	10,822	6	9	7,162	5	15	10,524	5	10
Mansfield	5,922	5	7	12,870	6	6	6,600	4	13	9,962	5	9
Millersville	5,819	5	6	12,767	5	6	6,626	3	10	9,988	4	8
Shippensburg	5,746	4	6	12,694	5	6	6,426	5	11	9,788	5	8
Slippery Rock	5,801	5	7	12,724	5	6	7,137	5	12	10,996	5	9
West Chester	5,756	5	7	12,704	6	6	6,530	5	12	9,892	6	9
Average	5,820	5	7	12,058	6	5	6,687	5	12	10,084	5	9

1. Excludes first-professional level.

2. Main campus data only.

SOURCE: Pennsylvania Department of Education, Colleges and Universities-Education Digest, 1998-99 to 2001-02; Pennsylvania Department of Education, *College and University Basic Student Charges*, [http://www.pdehighered.state.pa.us/higher/cwp/view.asp?a=11&Q=42024&g=150&higherNav=\[2933\]29711&higherNav=\[2930\]](http://www.pdehighered.state.pa.us/higher/cwp/view.asp?a=11&Q=42024&g=150&higherNav=[2933]29711&higherNav=[2930]) (August 23, 2004).



Table 11

TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
 2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

University	Total tuition and fee revenues			Tuition and fee revenues per FTE student			
	Amount (000s)	Percentage change		Amount	One-year change	Percentage change	
		One- year	Five-year average			One- year	Five-year average
<b>State-related</b>							
Lincoln	\$16,597	12%	5%	\$8,640	\$560	7%	7%
Penn State	790,799	11	12	10,990	1,150	12	10
Pittsburgh	371,362	8	9	12,140	990	9	8
Temple	342,068	10	15	11,810	990	9	8
Total	1,520,826	10	12	11,390	1,060	10	9
<b>State-owned</b>							
Bloomsburg	50,922	10	11	6,360	490	8	8
California	35,064	10	9	5,810	380	7	7
Cheyney	9,336	5	9	6,650	680	11	7
Clarion	36,380	6	11	6,070	530	10	9
East Stroudsburg	40,926	6	9	6,820	370	6	8
Edinboro	43,802	5	11	6,280	420	7	9
Indiana	83,324	6	7	6,220	340	6	6
Kutztown	50,192	9	11	6,190	270	5	7
Lock Haven	28,876	11	18	6,140	210	4	9
Mansfield	21,791	8	14	6,650	400	6	7
Millersville	47,331	6	9	6,140	250	4	6
Shippensburg	42,773	8	12	6,120	350	6	8
Slippery Rock	46,155	9	12	6,180	320	5	8
West Chester	76,737	4	11	6,640	310	5	8
Total	613,609	7	10	6,290	360	6	7
All universities	2,134,435	9	11	9,240	760	9	9

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

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1999 to 2004; FTE students - data provided by the individual universities, 1999 to 2004.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

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
<b>State-related</b>							
Lincoln	\$12,155	2%	2%	\$6,330	\$-180	-3%	4%
Penn State	232,840	0	a	3,230	20	1	-1
Pittsburgh	145,625	-3	1	4,760	-110	-2	a
Temple	153,006	-3	1	5,280	-210	-4	-3
Total	543,626	-2	1	4,070	-60	-1	-1
<b>State-owned</b>							
Bloomsburg	31,776	-3	a	3,970	-190	-5	-2
California	27,816	-7	-1	4,610	-480	-9	-3
Cheyney	12,666	-10	-2	9,020	-440	-5	-3
Clarion	28,055	-9	-1	4,680	-270	-5	-2
East Stroudsburg	22,477	-7	a	3,740	-270	-7	-2
Edinboro	29,515	-8	-1	4,230	-270	-6	-2
Indiana	55,877	-2	-1	4,170	-120	-3	-2
Kutztown	31,367	-2	1	3,870	-250	-6	-2
Lock Haven	19,953	-7	1	4,240	-640	-13	-4
Mansfield	16,508	-8	-1	5,040	-510	-9	-5
Millersville	32,380	-4	a	4,200	-240	-5	-2
Shippensburg	30,130	-6	1	4,310	-380	-8	-2
Slippery Rock	30,843	-5	-1	4,130	-400	-9	-3
West Chester	44,006	-1	2	3,810	-20	-1	a
Total <sup>2</sup>	413,369	-5	a	4,230	-280	-6	-2
All universities <sup>2</sup>	956,995	-3	a	4,140	-150	-3	-2

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

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

a. Rounds to less than 1 percent.

SOURCE: Instructional appropriations - *Governor's Executive Budget*, 2000-01 to 2004-05; data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1999 to 2004. FTE students - data provided by the individual universities, 1999 to 2004.

Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID  
RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2003-04, CHANGE FROM 2002-03 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1998-99 to 2003-04)

University	Per FTE student			Ratio of instructional appropriations to total instructional revenues			Student aid per FTE student <sup>2</sup>
	Tuition and fee revenues	Instructional appropriations	Total instructional revenues	Percentage	Percentage change One-year	Percentage change Five-year average	
<b>State-related</b>							
Lincoln	\$8,640	\$6,330	\$14,970	42%	-7%	-1%	\$585
Penn State	10,990	3,230	14,220	23	-8	-5	684
Pittsburgh	12,140	4,760	16,900	28	-7	-4	691
Temple	11,810	5,280	17,090	31	-9	-6	607
Total	11,390	4,070	15,460	26	-10	-5	667
<b>State-owned</b>							
Bloomsburg	6,360	3,970	10,330	38	-7	-4	745
California	5,810	4,610	10,420	44	-8	-4	852
Cheyney	6,650	9,020	15,670	58	-5	-3	1,132
Clarion	6,070	4,680	10,750	44	-6	-4	905
East Stroudsburg	6,820	3,740	10,560	35	-8	-4	518
Edinboro	6,280	4,230	10,510	40	-7	-5	835
Indiana	6,220	4,170	10,390	40	-5	-3	853
Kutztown	6,190	3,870	10,060	38	-7	-4	680
Lock Haven	6,140	4,240	10,380	41	-9	-5	840
Mansfield	6,650	5,040	11,690	43	-9	-5	914
Millersville	6,140	4,200	10,340	41	-5	-4	630
Shippensburg	6,120	4,310	10,430	41	-9	-4	625
Slippery Rock	6,180	4,130	10,310	40	-9	-5	776
West Chester	6,640	3,810	10,450	36	-5	-4	494
Total <sup>3</sup>	6,290	4,230	10,520	40	-7	-4	734
All universities <sup>3</sup>	9,240	4,140	13,380	31	-9	-5	696

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 State System of Higher Education.

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1999 to 2004; instructional appropriations - *Governor's Executive Budget*, 2000-01 to 2004-05; data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1999 to 2004; FTE students - data provided by the individual universities, 1999 to 2004; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, August 2004.

page 24 blank

## **II. HISTORICAL DATA**

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page 26 blank

Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL<sup>1</sup>  
1998-99 to 2003-04

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
<b>State-related</b>						
Lincoln						
Total	2,075	2,028	1,875	1,843	1,830	1,920
Undergraduate	1,599	1,515	1,408	1,493	1,498	1,565
Graduate	476	513	467	350	332	355
Penn State						
Total	69,061	69,227	70,240	71,656	72,475	71,988
Undergraduate	62,808	62,954	63,787	64,865	65,258	64,652
Graduate	6,253	6,273	6,453	6,791	7,217	7,336
Pittsburgh						
Total	29,222	29,563	29,769	30,426	30,863	30,587
Undergraduate	21,336	21,756	21,983	22,787	22,967	22,709
Graduate	7,886	7,807	7,786	7,639	7,896	7,878
Temple						
Total	23,286	24,162	25,214	26,935	28,774	28,977
Undergraduate	16,326	16,908	18,051	19,440	20,704	21,577
Graduate	6,960	7,254	7,163	7,495	8,070	7,400
<b>State-owned</b>						
Bloomsburg						
Total	7,322	7,408	7,369	7,800	7,889	8,001
Undergraduate	6,851	6,924	6,843	7,269	7,326	7,386
Graduate	471	484	526	531	563	615
California						
Total	5,439	5,468	5,634	5,719	5,881	6,040
Undergraduate	4,646	4,735	4,788	4,848	4,960	5,037
Graduate	793	733	846	871	921	1,003
Cheyney						
Total	1,293	1,431	1,425	1,518	1,484	1,405
Undergraduate	969	987	1,045	1,251	1,146	1,254
Graduate	324	444	380	267	338	151
Clarion						
Total	5,680	5,803	5,911	6,031	6,218	5,998
Undergraduate	5,425	5,509	5,608	5,736	5,871	5,661
Graduate	255	294	303	295	347	337
East Stroudsburg						
Total	5,608	5,561	5,592	5,739	6,009	6,005
Undergraduate	4,912	4,881	4,844	4,984	5,222	5,214
Graduate	696	680	748	755	787	791
Edinboro						
Total	6,541	6,504	6,754	6,936	7,106	6,977
Undergraduate	6,138	6,092	6,300	6,456	6,615	6,459
Graduate	403	412	454	480	491	518
Indiana						
Total	12,997	12,680	13,019	13,155	13,314	13,392
Undergraduate	11,851	11,583	11,775	11,871	11,943	12,056
Graduate	1,146	1,097	1,244	1,284	1,371	1,336
Kutztown						
Total	6,933	7,162	7,203	7,484	7,795	8,114
Undergraduate	6,489	6,696	6,719	6,969	7,277	7,584
Graduate	444	466	484	515	518	530
Lock Haven						
Total	3,590	3,696	4,158	4,208	4,383	4,701
Undergraduate	3,472	3,529	4,004	3,991	4,106	4,443
Graduate	118	167	154	217	277	258
Mansfield						
Total	2,663	2,808	2,886	3,055	3,217	3,276
Undergraduate	2,556	2,700	2,757	2,884	3,023	3,052
Graduate	107	108	129	171	194	224
Millersville						
Total	6,877	6,866	7,089	7,345	7,578	7,713
Undergraduate	6,042	5,994	6,120	6,314	6,510	6,675
Graduate	835	872	969	1,031	1,068	1,038
Shippensburg						
Total	6,110	6,038	6,343	6,610	6,873	6,984
Undergraduate	5,580	5,556	5,844	6,105	6,357	6,439
Graduate	530	482	499	505	516	545
Slippery Rock						
Total	6,584	6,646	6,755	6,939	7,201	7,469
Undergraduate	5,946	6,024	6,180	6,374	6,638	6,870
Graduate	638	622	575	565	563	599
West Chester						
Total	10,417	10,771	11,097	11,250	11,670	11,559
Undergraduate	9,420	9,757	9,966	10,094	10,393	10,269
Graduate	997	1,014	1,131	1,156	1,277	1,290

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

SOURCE: Data provided by the individual universities, 1999 to 2004.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
 TOTAL YEAR AND SUMMER 1998-99 to 2003-04  
 (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
<b>State-related</b>											
<b>Lincoln</b>											
1998-99	37	11	48	11	na	na	11	59	2	1	3
1999-00	33	13	46	12	na	na	12	58	1	2	3
2000-01	31	11	42	11	na	na	11	53	1	1	2
2001-02	33	12	45	8	na	na	8	53	1	1	2
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
<b>Penn State</b>											
1998-99	1,166	718	1,884	77	na	73	150	2,034	110	21	131
1999-00	1,141	748	1,889	79	na	71	150	2,039	108	19	127
2000-01	1,169	745	1,914	78	na	77	155	2,069	112	21	133
2001-02	1,202	744	1,946	86	na	77	163	2,109	114	23	137
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
<b>Pittsburgh</b>											
1998-99	439	201	640	119	49	21	189	829	46	35	81
1999-00	448	205	653	116	52	20	188	841	44	34	78
2000-01	447	212	659	114	55	18	187	846	43	34	77
2001-02	468	216	684	114	52	17	183	867	44	30	74
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
<b>Temple</b>											
1998-99	215	275	490	82	69	16	167	657	47	20	67
1999-00	231	276	507	82	76	16	174	681	46	22	68
2000-01	258	283	541	82	72	18	172	713	46	22	68
2001-02	277	306	583	86	74	20	180	763	49	17	66
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
<b>State-owned</b>											
<b>Bloomsburg</b>											
1998-99	145	60	205	11	na	na	11	216	17	4	21
1999-00	144	63	207	12	na	na	12	219	18	4	22
2000-01	147	59	206	13	na	na	13	219	17	5	22
2001-02	159	59	218	13	na	na	13	231	17	4	21
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
<b>California</b>											
1998-99	95	44	139	19	na	na	19	158	7	6	13
1999-00	97	45	142	18	na	na	18	160	7	5	12
2000-01	97	46	143	20	na	na	20	163	7	7	14
2001-02	98	47	145	21	na	na	21	166	8	8	16
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
<b>Cheyney</b>											
1998-99	20	9	29	8	na	na	8	37	1	a	1
1999-00	22	8	30	11	na	na	11	41	1	2	3
2000-01	24	8	32	9	na	na	9	41	1	4	5
2001-02	28	10	38	6	na	na	6	44	1	1	2
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
<b>Clarion</b>											
1998-99	119	44	163	6	na	na	6	169	10	1	11
1999-00	119	47	166	7	na	na	7	173	10	2	12
2000-01	122	46	168	7	na	na	7	175	10	2	12
2001-02	123	49	172	7	na	na	7	179	11	2	13
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
<b>East Stroudsburg</b>											
1998-99	103	44	147	17	na	na	17	164	13	7	20
1999-00	102	45	147	16	na	na	16	163	13	6	19
2000-01	102	44	146	18	na	na	18	164	12	6	18
2001-02	104	46	150	18	na	na	18	168	11	7	18
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



Edinboro											
1998-99	121	63	184	10	na	na	10	194	12	2	14
1999-00	120	63	183	10	na	na	10	193	12	2	14
2000-01	127	62	189	11	na	na	11	200	11	3	14
2001-02	131	63	194	11	na	na	11	205	11	3	14
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
Indiana											
1998-99	244	112	356	21	na	6	27	383	26	8	34
1999-00	236	111	347	21	na	6	27	374	27	8	35
2000-01	247	106	353	23	na	7	30	383	26	9	35
2001-02	247	109	356	24	na	7	31	387	26	10	36
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
Kutztown											
1998-99	128	67	195	11	na	na	11	206	8	3	11
1999-00	133	67	200	11	na	na	11	211	8	3	11
2000-01	134	68	202	12	na	na	12	214	7	3	10
2001-02	139	70	209	12	na	na	12	221	7	4	11
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
Lock Haven											
1998-99	70	35	105	3	na	na	3	108	6	1	7
1999-00	75	31	106	4	na	na	4	110	7	1	8
2000-01	84	36	120	4	na	na	4	124	7	1	8
2001-02	85	35	120	5	na	na	5	125	7	1	8
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
Mansfield											
1998-99	47	30	77	3	na	na	3	80	5	1	6
1999-00	49	32	81	3	na	na	3	84	4	1	5
2000-01	51	31	82	3	na	na	3	85	5	1	6
2001-02	55	32	87	4	na	na	4	91	5	2	7
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
Millersville											
1998-99	116	65	181	20	na	na	20	201	11	12	23
1999-00	116	64	180	21	na	na	21	201	10	13	23
2000-01	121	62	183	23	na	na	23	206	10	15	25
2001-02	126	63	189	25	na	na	25	214	11	17	28
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
Shippensburg											
1998-99	117	50	167	13	na	na	13	180	7	4	11
1999-00	118	49	167	12	na	na	12	179	8	3	11
2000-01	125	51	176	12	na	na	12	188	8	4	12
2001-02	131	52	183	12	na	na	12	195	8	4	12
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
Slippery Rock											
1998-99	126	53	179	9	na	6	15	194	13	3	16
1999-00	127	53	180	9	na	6	15	195	13	4	17
2000-01	133	53	186	8	na	5	13	199	13	4	17
2001-02	137	54	191	9	na	5	14	205	13	4	17
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
West Chester											
1998-99	192	90	282	24	na	na	24	306	24	7	31
1999-00	197	96	293	24	na	na	24	317	26	7	33
2000-01	202	97	299	27	na	na	27	326	26	8	34
2001-02	203	100	303	28	na	na	28	331	28	8	36
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

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, 1999 to 2004.

Historical Table 3

DEGREES CONFERRED<sup>1</sup>  
1998-99 to 2003-04

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
<b>State-related</b>						
<b>Lincoln</b>						
Total	364	501	423	401	355	333
Bachelor's	194	285	199	243	210	175
Graduate	170	216	224	158	145	158
<b>Penn State</b>						
Total	12,583	13,150	13,576	13,715	14,412	14,879
Bachelor's	10,044	10,585	11,065	11,046	11,755	12,002
Graduate	2,539	2,565	2,511	2,669	2,657	2,877
<b>Pittsburgh</b>						
Total	6,533	6,578	6,771	7,039	7,119	7,335
Bachelor's	3,784	3,915	4,219	4,412	4,520	4,736
Graduate	2,749	2,663	2,552	2,627	2,599	2,599
<b>Temple</b>						
Total	5,497	5,519	5,553	5,853	6,052	6,726
Bachelor's	3,135	3,164	3,249	3,383	3,748	4,122
Graduate	2,362	2,355	2,304	2,470	2,304	2,604
<b>State-owned</b>						
<b>Bloomsburg</b>						
Total	1,431	1,537	1,524	1,484	1,661	1,847
Bachelor's	1,196	1,316	1,296	1,245	1,386	1,539
Graduate	235	221	228	239	275	308
<b>California</b>						
Total	1,260	1,110	1,078	1,169	1,360	1,369
Bachelor's	929	809	821	914	998	1,004
Graduate	331	301	257	255	362	365
<b>Cheyney</b>						
Total	239	309	306	225	294	301
Bachelor's	137	143	123	129	159	166
Graduate	102	166	183	96	135	135
<b>Clarion</b>						
Total	925	1,041	1,103	1,105	1,063	1,252
Bachelor's	774	888	931	920	897	1,051
Graduate	151	153	172	185	166	201
<b>East Stroudsburg</b>						
Total	1,038	1,128	1,034	1,110	1,184	1,238
Bachelor's	799	902	775	838	906	963
Graduate	239	226	259	272	278	275
<b>Edinboro</b>						
Total	1,142	1,283	1,160	1,268	1,316	1,421
Bachelor's	1,010	1,138	1,014	1,055	1,114	1,239
Graduate	132	145	146	213	202	182
<b>Indiana</b>						
Total	2,604	2,713	2,633	2,545	2,489	2,438
Bachelor's	2,063	2,119	2,114	2,008	1,922	1,801
Graduate	541	594	519	537	567	637
<b>Kutztown</b>						
Total	1,366	1,504	1,391	1,539	1,563	1,608
Bachelor's	1,138	1,237	1,140	1,315	1,320	1,356
Graduate	228	267	251	224	243	252
<b>Lock Haven</b>						
Total	656	657	677	666	757	803
Bachelor's	631	621	640	611	675	733
Graduate	25	36	37	55	82	70
<b>Mansfield</b>						
Total	543	539	517	535	668	635
Bachelor's	458	478	465	494	588	544
Graduate	85	61	52	41	80	91
<b>Millersville</b>						
Total	1,451	1,383	1,390	1,344	1,379	1,466
Bachelor's	1,268	1,212	1,214	1,139	1,213	1,249
Graduate	183	171	176	205	166	217
<b>Shippensburg</b>						
Total	1,492	1,412	1,429	1,498	1,506	1,645
Bachelor's	1,183	1,146	1,135	1,206	1,209	1,357
Graduate	309	266	294	292	297	288
<b>Slippery Rock</b>						
Total	1,342	1,245	1,231	1,373	1,383	1,516
Bachelor's	1,145	1,062	1,046	1,158	1,187	1,272
Graduate	197	183	185	215	196	244
<b>West Chester</b>						
Total	1,990	2,150	2,174	2,306	2,289	2,397
Bachelor's	1,559	1,731	1,748	1,812	1,814	1,876
Graduate	431	419	426	494	475	521

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, Indiana and Slippery Rock.

SOURCE: Data provided by the individual universities, 1999 to 2004.

Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL<sup>1</sup>  
FALL 1998 to FALL 2003

University	Full-time employed faculty <sup>2</sup>						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	1998	1999	2000	2001	2002	2003	1998	1999	2000	2001	2002	2003	1998	1999	2000	2001	2002	2003
	<hr/>																	
State-related																		
Lincoln	93	93	96	108	95	95	10.7	11.6	11.5	12.2	12.5	12.7	0.9	0.7	0.8	0.6	1.0	0.8
Penn State	3,096	3,178	3,315	3,389	3,439	3,579	6.4	6.6	6.6	6.5	6.5	6.5	1.7	1.7	1.6	1.6	1.7	1.7
Pittsburgh	1,782	1,731	1,780	1,867	1,950	1,983	4.5	4.4	4.2	4.4	4.2	4.3	3.7	3.7	3.5	3.4	3.4	3.6
Temple	1,025	1,045	1,099	1,109	1,123	1,154	5.5	5.6	5.7	5.5	5.7	5.4	4.1	3.9	3.6	3.5	3.8	3.8
Total	5,996	6,047	6,290	6,473	6,607	6,811	5.7	5.9	5.8	5.8	5.7	5.7	2.7	2.6	2.5	2.4	2.5	2.6
State-owned																		
Bloomsburg	370	360	363	373	366	367	11.0	11.2	11.0	11.0	11.1	11.1	0.9	0.9	1.0	1.0	0.9	1.0
California	267	261	260	239	255	277	10.0	10.1	9.7	8.8	9.0	9.3	1.7	1.5	1.8	1.3	1.5	2.1
Cheyney <sup>3</sup>	87	90	79	78	82	78	11.0	11.1	10.2	10.2	11.0	10.8	1.0	1.5	1.7	1.1	0.3	0.7
Clarion	339	324	337	340	323	323	11.1	10.8	10.8	10.8	10.9	10.9	0.8	0.9	0.7	0.6	0.7	0.9
East Stroudsburg	250	256	259	260	273	265	11.0	10.7	10.7	10.5	10.8	10.4	1.2	1.1	1.1	1.3	1.6	1.4
Edinboro	336	341	346	347	347	356	13.1	12.2	12.4	11.9	11.5	11.5	1.0	1.2	1.3	1.8	1.3	1.4
Indiana	743	721	745	756	717	693	10.0	10.1	9.9	9.6	9.4	9.5	1.4	1.3	1.3	1.5	1.6	1.5
Kutztown	372	380	377	377	375	394	11.3	11.3	11.2	11.2	11.3	11.4	0.6	0.6	0.6	0.7	0.5	0.6
Lock Haven	199	206	225	233	245	252	11.5	11.9	11.8	10.9	10.7	10.4	0.2	0.2	0.2	0.6	0.4	0.5
Mansfield	150	149	165	166	167	163	11.0	11.2	10.9	8.8	8.8	8.6	0.6	0.7	0.4	0.3	0.4	0.3
Millersville	313	317	312	312	312	311	10.6	10.6	10.4	10.7	10.3	10.0	0.8	0.9	0.9	0.8	0.9	0.9
Shippensburg	288	288	287	286	302	303	9.7	10.2	9.7	9.6	10.5	10.2	0.9	0.8	0.9	0.9	1.0	0.9
Slippery Rock	362	359	353	359	361	366	9.7	10.0	9.8	10.2	10.2	10.4	0.8	0.9	0.9	0.9	1.2	1.1
West Chester	558	566	580	579	591	564	10.4	10.1	10.2	9.8	10.3	10.1	1.6	1.6	1.4	1.7	1.6	1.7
Total	4,634	4,618	4,688	4,705	4,716	4,712	10.7	10.7	10.5	10.3	10.4	10.3	1.0	1.0	1.1	1.1	1.1	1.2
All universities	10,630	10,665	10,978	11,178	11,323	11,523	7.9	7.9	7.8	7.6	7.6	7.5	2.0	2.0	1.9	1.9	2.0	2.0

1. Averages calculated for the full-time employed faculty who reported complete workweeks of 100 hours or less for the fall term.
2. The number of full-time employed faculty represents those reported by each university for the fall term.
3. No data for Fall 1998; Fall 1997 data repeated.

SOURCE: Data provided by the individual universities, 1999 to 2004.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK<sup>1</sup>  
1998-99 to 2003-04  
(Dollars in thousands)

University	FTE instructional faculty	Average instructional salaries					Instructor	No rank <sup>2</sup>
		All faculty	Professor	Associate professor	Assistant professor			
<b>State-related</b>								
<b>Lincoln</b>								
1998-99	138	\$34.1	\$55.3	\$42.8	\$32.2	\$22.4	\$26.3	
1999-00	137	34.2	54.1	40.4	32.4	22.1	24.2	
2000-01	129	34.6	55.3	42.9	33.1	20.7	22.4	
2001-02	153	36.7	52.8	46.2	33.3	24.0	29.5	
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	
<b>Penn State</b>								
1998-99	3,754	50.0	85.4	58.6	47.9	35.8	32.6	
1999-00	3,842	52.2	89.8	60.8	51.0	38.8	34.8	
2000-01	3,924	52.3	91.7	63.0	51.4	35.2	34.7	
2001-02	4,085	54.2	93.9	64.7	54.2	35.8	35.8	
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	
<b>Pittsburgh</b>								
1998-99	1,799	47.0	74.1	52.2	41.6	28.1	34.1	
1999-00	1,811	47.6	77.7	53.3	43.4	28.4	33.7	
2000-01	1,801	49.6	81.9	56.3	45.7	29.6	36.4	
2001-02	1,891	51.9	87.7	58.2	48.6	31.1	37.2	
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	
<b>Temple</b>								
1998-99	1,399	48.1	76.4	57.7	41.3	25.1	21.2	
1999-00	1,451	49.1	78.3	59.5	42.3	26.9	24.4	
2000-01	1,498	52.3	80.6	60.4	43.3	29.3	32.8	
2001-02	1,575	52.3	84.2	63.2	44.2	30.5	32.3	
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	
<b>State-owned</b>								
<b>Bloomsburg</b>								
1998-99	398	53.9	68.6	56.8	43.5	32.2	na	
1999-00	403	56.0	72.1	58.5	45.7	33.6	na	
2000-01	393	57.0	72.4	59.3	46.0	35.4	na	
2001-02	403	58.7	74.2	60.0	48.6	38.5	na	
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	
<b>California</b>								
1998-99	282	55.8	71.1	55.7	44.6	30.7	29.8	
1999-00	282	57.2	73.4	49.0	51.5	35.1	47.9	
2000-01	a	a	a	a	a	a	a	
2001-02	259	65.9	80.5	65.4	57.4	45.3	49.4	
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	
<b>Cheyney</b>								
1998-99	106	58.1	76.6	58.7	54.0	39.4	na	
1999-00	105	53.8	77.3	64.3	46.0	30.3	na	
2000-01	96	60.0	83.6	71.9	52.0	36.1	na	
2001-02	99	68.1	96.2	83.9	60.0	39.4	0	
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	
<b>Clarion</b>								
1998-99	320	56.0	74.7	59.0	44.5	33.7	na	
1999-00	319	55.3	74.1	57.6	44.9	33.0	50.7	
2000-01	319	57.6	78.8	62.4	47.5	35.1	58.6	
2001-02	331	60.8	81.4	65.4	51.9	38.3	na	
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	
<b>East Stroudsburg</b>								
1998-99	285	56.3	72.9	61.7	43.4	29.0	na	
1999-00	286	57.4	75.9	61.8	45.1	28.9	na	
2000-01	294	59.2	75.8	64.0	48.9	34.2	na	
2001-02	299	61.5	78.3	65.2	53.4	36.1	na	
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	

Edinboro								
1998-99	385	54.8	71.0	56.5	46.1	35.5		na
1999-00	400	55.4	71.0	57.5	47.3	35.1		na
2000-01	399	57.3	74.8	59.7	49.3	37.5		na
2001-02	409	60.0	76.6	64.2	54.3	42.0		na
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
Indiana								
1998-99	706	56.3	75.6	59.1	43.4	32.5		29.0
1999-00	729	56.2	72.0	58.4	46.0	34.5		31.6
2000-01	709	60.7	79.0	62.3	48.9	36.4		38.5
2001-02	722	63.8	76.4	62.2	54.8	49.1		55.8
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
Kutztown								
1998-99	371	56.6	74.6	59.7	44.4	32.5		na
1999-00	380	58.0	77.8	61.9	46.3	32.0		na
2000-01	370	59.1	79.4	63.5	46.3	33.6		na
2001-02	377	61.9	80.8	66.2	49.6	38.2		na
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
Lock Haven								
1998-99	183	52.5	72.1	58.3	44.8	33.2		na
1999-00	205	52.6	75.6	59.4	43.8	32.9		na
2000-01	200	57.4	76.2	55.1	54.3	35.8		na
2001-02	220	56.6	78.7	60.4	48.8	38.1		na
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
Mansfield								
1998-99	172	54.3	70.1	58.0	45.1	26.3		94.4
1999-00	166	59.0	79.4	60.6	48.5	31.2		11.4
2000-01	197	59.8	79.4	66.5	47.8	29.2		na
2001-02	188	57.6	77.8	59.7	45.6	35.1		0
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
Millersville								
1998-99	406	53.7	70.0	57.1	43.3	30.9		na
1999-00	406	55.3	71.9	58.5	44.9	31.1		na
2000-01	408	56.5	73.3	59.2	45.7	32.7		na
2001-02	413	59.4	77.9	62.7	49.6	35.0		na
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
Shippensburg								
1998-99	300	57.4	73.2	60.9	46.0	28.8		na
1999-00	306	57.3	75.2	63.5	47.8	33.4		37.6
2000-01	319	57.9	78.4	63.2	47.6	33.5		na
2001-02	338	61.7	79.5	62.2	52.5	40.0		0
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
Slippery Rock								
1998-99	352	57.7	71.6	56.7	49.1	40.3		na
1999-00	351	57.4	71.4	57.7	48.2	39.7		85.1
2000-01	363	57.9	72.1	59.2	48.2	39.5		31.9
2001-02	361	62.5	75.9	64.0	53.9	44.1		34.2
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
West Chester								
1998-99	610	50.3	69.7	57.3	45.9	30.2		36.9
1999-00	629	51.0	71.0	58.5	46.6	31.4		34.5
2000-01	648	51.8	73.1	59.4	47.1	33.2		33.7
2001-02	641	55.5	76.0	62.7	52.1	35.3		26.9
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

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. There was a processing error in 2000-01.

na. Not applicable.

SOURCE: Data provided by the individual universities, 1999 to 2004.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
1998-99 to 2003-04

University	Lower division						Upper division						Total undergraduate						Master's					
	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
State-related																								
Lincoln	\$2,098	\$2,133	\$2,161	\$2,782	\$2,464	\$2,458	\$3,381	\$3,376	\$3,594	\$4,481	\$3,817	\$3,777	\$2,395	\$2,475	\$2,547	\$3,244	\$2,834	\$2,796	\$1,820	\$1,787	\$1,861	\$2,173	\$1,180	\$2,006
Penn State	1,590	1,759	1,772	1,816	1,850	1,995	2,947	3,056	3,120	3,358	3,396	3,441	2,107	2,272	2,296	2,405	2,458	2,590	4,888	5,281	4,904	5,949	6,422	5,271
Pittsburgh	1,628	1,580	1,630	1,726	1,724	1,958	3,109	3,206	3,256	3,570	3,441	3,655	2,093	2,090	2,154	2,310	2,278	2,513	5,229	5,320	5,526	6,135	6,276	6,585
Temple	2,002	1,998	2,078	2,124	1,963	1,968	2,759	2,924	3,064	3,097	3,050	3,105	2,427	2,502	2,593	2,634	2,531	2,574	3,666	3,757	4,056	3,891	4,130	4,338
Total	1,655	1,751	1,785	1,852	1,846	1,988	2,931	3,051	3,130	3,338	3,318	3,390	2,157	2,272	2,318	2,435	2,436	2,570	4,563	4,718	4,787	5,312	5,579	5,437
State-owned																								
Bloomsburg	2,284	2,369	2,325	2,358	2,398	2,433	4,162	4,261	4,464	4,488	4,527	4,423	2,834	2,945	2,937	2,937	2,994	2,981	4,283	4,519	4,414	4,414	4,968	4,219
California	2,199	2,242	2,139	2,305	2,198	1,828	3,979	3,875	3,576	3,856	3,621	3,306	2,768	2,755	2,601	2,809	2,655	2,298	3,835	4,164	3,633	3,969	3,572	2,732
Cheyney	nd	4,283	4,094	4,353	4,096	3,532	nd	6,246	6,215	5,794	6,118	6,228	nd	4,806	4,624	4,711	4,613	4,135	nd	2,058	2,436	3,671	2,984	5,047
Clarion	2,386	2,215	2,306	2,461	2,375	2,413	4,846	4,789	4,809	5,146	5,129	4,881	3,054	2,939	2,992	3,224	3,160	3,145	5,374	4,914	5,272	5,388	4,853	5,369
East Stroudsburg	2,344	2,377	2,498	2,536	2,558	2,442	4,188	4,257	4,574	4,478	4,834	4,769	2,899	2,951	3,122	3,132	3,239	3,173	2,589	2,966	3,006	3,673	4,131	3,863
Edinboro	2,556	2,546	2,513	2,636	2,451	2,493	4,196	4,657	4,764	4,949	4,840	4,638	3,121	3,275	3,249	3,385	3,229	3,181	5,004	5,400	5,339	5,729	6,139	6,068
Indiana	2,032	2,140	2,265	2,439	2,410	2,217	4,422	4,680	4,762	4,806	4,891	4,735	2,786	2,955	3,020	3,162	3,137	2,945	5,963	6,190	5,772	5,961	5,523	5,310
Kutztown	2,081	2,111	2,067	2,163	2,068	1,991	4,616	4,782	4,694	4,761	4,818	4,642	2,951	3,008	2,950	3,034	3,001	2,893	4,129	4,096	4,216	4,250	4,723	4,488
Lock Haven	2,144	2,349	2,454	2,180	2,353	2,412	3,762	4,136	3,969	4,545	4,461	4,758	2,681	2,873	2,916	2,870	2,941	3,054	3,228	4,095	3,754	4,795	5,809	3,044
Mansfield	2,520	2,632	2,921	2,558	2,561	2,531	5,011	4,781	5,917	5,433	5,103	4,799	3,490	3,474	4,061	3,626	3,599	3,490	3,637	4,015	4,304	1,892	2,097	1,671
Millersville	2,841	2,907	2,893	2,992	3,054	2,833	3,766	4,161	4,091	4,382	4,157	4,027	3,175	3,355	3,299	3,440	3,434	3,248	3,138	2,684	2,960	2,735	2,749	2,942
Shippensburg	2,290	2,333	2,298	2,546	2,514	2,458	3,788	3,888	3,929	4,235	3,911	3,715	2,738	2,791	2,769	3,029	2,931	2,859	3,817	4,328	4,630	4,737	5,191	4,993
Slippery Rock	2,499	2,462	2,514	2,607	2,667	2,433	4,418	4,282	4,484	4,661	4,457	4,170	3,068	2,999	3,075	3,189	3,186	2,955	4,653	4,933	4,985	5,102	5,160	5,001
West Chester	2,314	2,322	2,384	2,485	2,597	2,500	3,864	3,844	3,908	4,066	4,269	3,958	2,808	2,820	2,879	3,006	3,144	3,001	4,260	4,528	4,307	4,559	4,478	4,453
Total <sup>2</sup>	2,310	2,375	2,404	2,581	2,497	2,390	4,207	4,356	4,431	4,697	4,551	4,362	2,914	3,006	3,031	3,236	3,135	3,011	4,156	4,195	4,170	4,507	4,381	4,190
All universities <sup>2</sup>	1,960	2,045	2,078	2,161	2,156	2,182	3,424	3,553	3,625	3,810	3,786	3,757	2,488	2,595	2,632	2,747	2,745	2,766	4,415	4,521	4,540	4,938	5,088	4,912

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. No data for Cheyney University for 1998-99.  
nd. No data.

SOURCE: Data provided by the individual universities, 1999 to 2004.

Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
1998-99 to 2003-04

University	Lower division						Upper division						Total undergraduate						Master's							
	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04		
State-related																										
Lincoln	\$70	\$71	\$72	\$93	\$82	\$82	\$113	\$113	\$120	\$149	\$127	\$126	\$80	\$83	\$85	\$108	\$94	\$93	\$76	\$74	\$78	\$91	\$49	\$84		
Penn State	53	59	59	61	62	67	98	102	104	112	113	115	70	76	77	80	82	86	204	220	204	248	268	220		
Pittsburgh	54	53	54	58	57	65	104	107	109	119	115	122	70	70	72	77	76	84	218	222	230	256	262	274		
Temple	67	67	69	71	65	66	92	97	102	103	102	104	81	83	86	88	84	86	153	157	169	162	172	181		
Total	55	58	60	62	62	66	98	102	104	111	111	113	72	76	77	81	81	86	190	197	199	221	232	227		
State-owned																										
Bloomsburg	76	79	78	79	80	81	139	142	149	150	151	147	94	98	98	98	100	99	178	188	184	184	207	176		
California	73	75	71	77	73	61	133	129	119	129	121	110	92	92	87	94	89	77	160	174	151	165	149	114		
Cheyney	nd	143	136	145	137	118	nd	208	207	193	204	208	nd	160	154	157	154	138	nd	86	102	153	124	210		
Clarion	80	74	77	82	79	80	162	160	160	172	171	163	102	98	100	107	105	105	224	205	220	225	202	224		
East Stroudsburg	78	79	83	85	85	81	140	142	152	149	161	159	97	98	104	104	108	106	108	124	125	153	172	161		
Edinboro	85	85	84	88	82	83	140	155	159	165	161	155	104	109	108	113	108	106	209	225	222	239	256	253		
Indiana	68	71	76	81	80	74	147	156	159	160	163	158	93	99	101	105	105	98	248	258	241	248	230	221		
Kutztown	69	70	69	72	69	66	154	159	156	159	161	155	98	100	98	101	100	96	172	171	176	177	197	187		
Lock Haven	71	78	82	73	78	80	125	138	132	152	149	159	89	96	97	96	98	102	135	171	156	200	242	127		
Mansfield	84	88	97	85	85	84	167	159	197	181	170	160	116	116	135	121	120	116	152	167	179	79	87	70		
Millersville	95	97	96	100	102	94	126	139	136	146	139	134	106	112	110	115	114	108	131	112	123	114	115	123		
Shippensburg	76	78	77	85	84	82	126	130	131	141	130	124	91	93	92	101	98	95	159	180	193	197	216	208		
Slippery Rock	83	82	84	87	89	81	147	143	149	155	149	139	102	100	103	106	106	99	194	206	208	213	215	208		
West Chester	77	77	79	83	87	83	129	128	130	136	142	132	94	94	96	100	105	100	178	189	179	190	187	186		
Total <sup>2</sup>	77	79	80	86	83	80	140	145	148	157	152	145	97	100	101	108	105	100	173	175	174	188	183	175		
All universities <sup>2</sup>	65	68	69	72	72	73	114	118	121	127	126	125	83	87	88	92	92	92	184	188	189	206	212	205		

-35-

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).

2. No data for Cheyney University for 1998-99.  
nd. No data.

SOURCE: Data provided by the individual universities, 1999 to 2004.

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
1998-99 to 2003-04

University	Lower division						Upper division						Total undergraduate						Master's											
	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04						
State-related																														
Lincoln	20	20	20	21	23	23	13	13	13	13	15	15	18	18	17	18	20	21	14	14	14	14	14	14	14	14	14	14	14	14
Penn State	31	29	29	30	30	30	27	27	26	26	27	26	29	28	28	28	29	29	15	14	15	14	15	15	15	14	15	14	15	15
Pittsburgh	31	31	31	31	31	30	23	23	24	24	24	24	28	28	28	28	28	28	17	17	17	16	17	17	17	17	17	16	17	17
Temple	25	26	27	27	28	29	22	22	22	22	23	23	24	23	24	24	25	26	14	14	14	14	14	14	14	14	14	14	14	15
Total	30	29	29	29	30	30	25	25	24	24	25	25	28	27	27	27	28	28	15	15	15	15	16	15	15	15	15	15	16	15
State-owned																														
Bloomsburg	27	27	28	29	30	30	19	19	18	18	19	19	24	24	24	25	26	26	12	12	12	12	12	12	12	12	12	12	12	13
California	29	29	28	28	29	29	16	17	17	16	18	19	23	24	23	23	24	25	12	11	12	11	14	15	12	11	12	11	14	15
Cheyney	nd	19	21	22	21	25	nd	12	14	17	15	17	nd	17	18	20	19	23	nd	19	18	15	19	10	nd	19	18	15	19	10
Clarion	33	34	35	34	36	36	15	15	15	14	15	16	25	25	26	24	26	27	11	11	11	10	12	11	11	11	11	10	12	11
East Stroudsburg	28	28	27	27	28	28	18	18	17	18	18	17	24	24	23	24	24	23	17	16	17	12	12	12	17	16	17	12	12	12
Edinboro	24	26	27	27	28	28	17	18	18	19	17	17	21	23	23	24	23	23	9	9	9	10	10	9	9	9	9	10	10	9
Indiana	29	28	31	31	31	33	13	14	15	15	14	15	21	21	23	24	24	25	8	8	11	11	12	12	8	8	11	11	12	12
Kutztown	29	30	31	31	32	32	16	15	16	17	17	17	22	23	24	24	25	25	14	14	14	13	13	12	14	14	14	13	13	12
Lock Haven <sup>2</sup>	29	29	29	32	32	33	21	18	18	19	21	21	26	25	25	27	29	29	12	14	14	12	14	17	12	14	14	12	14	17
Mansfield	28	26	24	26	26	27	17	17	14	16	17	20	23	22	19	21	22	24	12	14	15	18	20	18	12	14	15	18	20	18
Millersville	25	25	25	27	27	28	20	19	18	20	21	22	23	23	22	24	25	25	15	18	17	18	18	17	15	18	17	18	18	17
Shippensburg	29	29	30	30	30	30	22	21	22	22	24	24	27	26	27	28	28	28	14	13	14	14	15	16	14	13	14	14	15	16
Slippery Rock	31	31	31	31	32	32	15	16	16	16	18	17	24	25	24	24	26	26	13	11	11	12	12	11	13	11	11	12	12	11
West Chester	24	25	24	25	25	26	14	15	14	15	16	17	20	20	20	20	21	22	11	11	11	11	12	12	11	11	11	11	12	12
Total <sup>3</sup>	28	28	28	29	29	30	16	16	16	17	17	18	23	23	23	24	24	25	12	12	13	12	13	13	12	12	13	12	13	13
All universities <sup>3</sup>	29	28	29	29	30	30	20	20	20	21	21	22	25	25	25	26	26	26	14	14	14	14	14	14	14	14	14	14	14	14

1. Average class size for each level is calculated by dividing total classroom student credit hours by total classroom course (assigned) credits.  
 2. 1999-00 data repeated for 2000-01.  
 3. No data for Cheyney University for 1998-99.  
 nd. No data.

SOURCE: Data provided by the individual universities, 1999 to 2004.



Historical Table 9

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS<sup>1</sup>  
1998-99 to 2003-04  
(in millions)

University	1998- 99	1999- 00	2000- 01	2001- 02	2002- 03	2003- 04
<b>State-related</b>						
Lincoln	\$11.0	\$11.4	\$12.9	\$10.4	\$11.9	\$12.2
Penn State	229.0	236.2	243.3	243.1	232.8	232.8
Pittsburgh	140.8	149.5	149.8	147.0	150.2	145.6
Temple	147.9	152.3	157.2	154.2	157.8	153.0
<b>Total</b>	<b>528.7</b>	<b>549.4</b>	<b>563.2</b>	<b>554.7</b>	<b>552.7</b>	<b>543.6</b>
<b>State-owned</b>						
Bloomsburg	31.7	32.6	34.3	34.1	32.8	31.8
California	29.0	29.8	31.2	31.0	29.9	27.8
Cheyney	13.8	14.6	14.4	13.9	14.0	12.7
Clarion	29.9	30.8	32.7	32.1	30.8	28.1
East Stroudsburg	23.0	23.9	25.2	25.2	24.1	22.5
Edinboro	31.3	31.9	32.8	32.9	32.0	29.5
Indiana	58.7	58.8	60.5	60.7	57.1	55.9
Kutztown	30.5	31.5	33.6	33.2	32.1	31.4
Lock Haven	18.9	20.0	21.2	21.6	21.4	20.0
Mansfield	17.7	18.6	18.6	18.5	17.9	16.5
Millersville	32.4	32.8	34.7	34.8	33.7	32.4
Shippensburg	29.0	30.8	32.3	32.9	32.2	30.1
Slippery Rock	32.5	32.9	34.5	33.7	32.6	30.8
West Chester	40.5	43.8	46.2	46.3	44.6	44.0
<b>Total<sup>2</sup></b>	<b>418.9</b>	<b>432.8</b>	<b>452.2</b>	<b>450.9</b>	<b>435.2</b>	<b>413.5</b>
<b>All universities<sup>2</sup></b>	<b>947.6</b>	<b>982.2</b>	<b>1,015.4</b>	<b>1,005.6</b>	<b>987.9</b>	<b>957.1</b>

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 State System of Higher Education.

SOURCE: *Governor's Executive Budget*, 2000-01 to 2004-05; data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1999 to 2004.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS  
BY ACADEMIC LEVEL AND RESIDENCE  
1998-99 to 2003-04

University	Undergraduate		Graduate <sup>1</sup>	
	In-State	Out-of-State	In-State	Out-of-State
<b>State-related</b>				
<b>Lincoln</b>				
1998-99	\$4,595	\$7,210	\$5,830	\$9,580
1999-00	4,824	7,716	6,122	10,280
2000-01	5,026	8,192	6,394	10,940
2001-02	5,176	8,440	6,586	11,266
2002-03	5,452	8,890	6,936	11,862
2003-04	6,216	10,136	7,808	13,426
<b>Penn State</b>				
<b>Main Campus</b>				
1998-99	6,092	12,908	6,786	13,712
1999-00	6,436	13,552	7,160	14,392
2000-01	6,852	14,394	7,620	15,286
2001-02	7,396	15,522	8,224	16,484
2002-03	8,382	17,610	9,324	18,702
2003-04	9,206	18,828	10,420	20,240
<b>Pittsburgh</b>				
<b>Main Campus</b>				
1998-99	6,424	13,458	8,498	16,988
1999-00	6,698	14,014	8,818	17,648
2000-01	7,002	14,684	9,234	18,506
2001-02	7,482	15,740	9,890	19,856
2002-03	8,528	17,336	11,286	21,872
2003-04	9,274	18,586	12,304	23,470
<b>Temple</b>				
1998-99	6,378	11,408	8,032	10,936
1999-00	6,612	11,730	8,320	11,344
2000-01	6,948	12,322	8,748	11,916
2001-02	7,324	13,062	9,220	13,127
2002-03	8,062	14,316	10,108	14,428
2003-04	8,594	15,354	10,780	15,484
<b>State-owned</b>				
<b>Bloomsburg</b>				
1998-99	4,278	9,634	4,133	6,901
1999-00	4,456	9,884	4,466	7,296
2000-01	4,668	10,356	4,856	7,726
2001-02	4,992	11,016	5,434	8,388
2002-03	5,550	12,168	6,306	9,510
2003-04	5,844	12,792	6,719	10,081
<b>California</b>				
1998-99	4,545	9,901	4,441	7,209
1999-00	4,742	10,170	4,794	7,624
2000-01	4,937	10,625	5,173	8,043
2001-02	5,202	11,226	5,730	8,684
2002-03	5,742	12,310	6,581	9,735
2003-04	6,007	12,955	6,885	10,247
<b>Cheyney</b>				
1998-99	4,023	9,379	3,850	6,618
1999-00	4,173	9,601	4,160	6,990
2000-01	4,447	10,135	4,618	7,488
2001-02	4,671	10,695	4,980	7,934
2002-03	5,133	11,701	5,734	8,888
2003-04	5,403	12,301	6,048	9,410
<b>Clarion</b>				
1998-99	4,569	8,905	4,469	7,237
1999-00	4,700	6,510	4,762	7,592
2000-01	4,927	6,823	5,088	7,958
2001-02	5,195	7,203	5,590	8,544
2002-03	5,740	7,930	6,426	9,580
2003-04	5,998	9,448	6,725	10,037
<b>East Stroudsburg</b>				
1998-99	4,314	9,670	4,168	6,936
1999-00	4,492	9,920	4,504	7,334
2000-01	4,718	10,406	4,908	7,778
2001-02	4,984	11,008	5,406	8,360
2002-03	5,502	12,120	6,209	9,413
2003-04	5,979	12,929	6,725	10,087

Edinboro				
1998-99	4,193	10,084	4,366	7,549
1999-00	4,358	6,168	4,725	7,555
2000-01	4,569	6,465	5,156	8,026
2001-02	4,944	6,952	5,816	8,770
2002-03	5,464	7,704	6,690	9,894
2003-04	5,766	8,346	6,956	10,366
Indiana				
1998-99	4,244	9,600	4,133	6,901
1999-00	4,419	9,847	4,447	7,277
2000-01	4,617	10,305	4,882	7,752
2001-02	4,875	10,899	5,358	8,312
2002-03	5,541	12,159	6,201	9,405
2003-04	5,785	12,733	6,459	9,821
Kutztown				
1998-99	4,251	9,607	4,111	6,879
1999-00	4,448	9,876	4,480	7,310
2000-01	4,667	10,355	4,899	7,769
2001-02	4,947	10,971	5,435	8,389
2002-03	5,477	12,095	6,279	9,483
2003-04	5,775	12,725	6,616	9,978
Lock Haven				
1998-99	4,071	7,427	4,071	6,939
1999-00	4,259	7,687	4,434	7,264
2000-01	4,548	8,236	4,928	7,798
2001-02	4,758	9,185	5,446	8,761
2002-03	5,606	10,174	6,832	9,986
2003-04	5,874	10,822	7,162	10,524
Mansfield				
1998-99	4,410	9,766	4,010	6,778
1999-00	4,560	9,988	4,322	7,152
2000-01	4,766	10,454	4,946	7,810
2001-02	5,096	11,120	5,492	8,446
2002-03	5,624	12,192	6,340	9,494
2003-04	5,922	12,870	6,600	9,962
Millersville				
1998-99	4,429	9,785	4,429	7,197
1999-00	4,595	10,023	4,757	7,587
2000-01	4,804	10,492	5,150	8,020
2001-02	5,053	11,077	5,637	8,591
2002-03	5,547	12,165	6,423	9,627
2003-04	5,819	12,767	6,626	9,988
Shippensburg				
1998-99	4,344	9,700	4,144	6,912
1999-00	4,550	9,978	4,472	7,302
2000-01	4,746	10,434	4,852	7,722
2001-02	5,004	11,028	5,348	8,302
2002-03	5,502	12,120	6,138	9,342
2003-04	5,746	12,694	6,426	9,788
Slippery Rock				
1998-99	4,311	9,667	4,485	7,667
1999-00	4,484	9,912	4,851	7,681
2000-01	4,684	10,372	5,290	8,590
2001-02	4,942	10,966	5,846	9,244
2002-03	5,548	12,116	6,820	10,496
2003-04	5,801	12,724	7,137	10,996
West Chester				
1998-99	4,248	9,604	4,128	6,896
1999-00	4,422	9,850	4,464	7,294
2000-01	4,630	10,318	4,856	7,726
2001-02	4,900	10,924	5,504	8,458
2002-03	5,468	12,036	6,196	9,350
2003-04	5,756	12,704	6,530	9,892

1. Excludes first-professional level.

SOURCE: Pennsylvania Department of Education, *Colleges and Universities-Education Digest*, 1997-98 to 2000-01; 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> (August 23, 2004).

page 40 blank

## APPENDIX: MODEL OF FTE SALARY COST DETERMINATION

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

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

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

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

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

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

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).