

---

---

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

---

---

Staff Analysis  
of 2001-02 Data  
Reported Under 2001 Appropriations Acts  
and Public School Code



General Assembly of the Commonwealth of Pennsylvania  
JOINT STATE GOVERNMENT COMMISSION  
February 2003



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

---

Analysis of 2001-02 Data  
Reported Under 2001 Appropriations Acts  
and Public School Code

Staff Report  
General Assembly of the Commonwealth of Pennsylvania  
JOINT STATE GOVERNMENT COMMISSION  
108 Finance Building  
Harrisburg, Pennsylvania 17120  
February 2003

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>**

---

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.

---

# JOINT STATE GOVERNMENT COMMISSION, 2003

---

## OFFICERS

Senator Roger A. Madigan, Chair

Representative Jeffrey W. Coy, Treasurer

---

## EXECUTIVE COMMITTEE

### Senate Members

Robert C. Jubelirer  
President Pro Tempore

David J. Brightbill  
Majority Leader

Robert J. Mellow  
Minority Leader

Jeffrey E. Piccola  
Majority Whip

Michael A. O'Pake  
Minority Whip

Noah W. Wenger  
Chair, Majority Caucus

Jack Wagner  
Chair, Minority Caucus

### House Members

Matthew J. Ryan  
Speaker

John M. Perzel  
Majority Leader

H. William DeWeese  
Minority Leader

Samuel H. Smith  
Majority Whip

Michael R. Veon  
Minority Whip

Brett O. Feese  
Chair, Majority Caucus

Mark B. Cohen  
Chair, Minority Caucus

## MEMBER EX-OFFICIO

Senator Roger A. Madigan, Commission Chair

---

David L. Hostetter, Executive Director

---

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)

---

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

## FOREWORD

---

This 30th 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 2001-02 and data trends for 1996-97 to 2001-02 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.

page vi blank





# CONTENTS

STATE-RELATED AND STATE-OWNED UNIVERSITIES AND BRANCH CAMPUSES (WITH COUNTIES) .....	iv
FOREWORD .....	v
FULL- AND PART-TIME STUDENTS ENROLLED IN PUBLIC AND PRIVATE COLLEGES AND UNIVERSITIES IN PENNSYLVANIA, FALL 2000 .....	xi
CHANGES IN FTE STUDENT ENROLLMENTS IN THE STATE-RELATED AND STATE-OWNED UNIVERSITIES, 1996-97 to 2001-02 .....	xii
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, 2001-02 .....	xiii
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

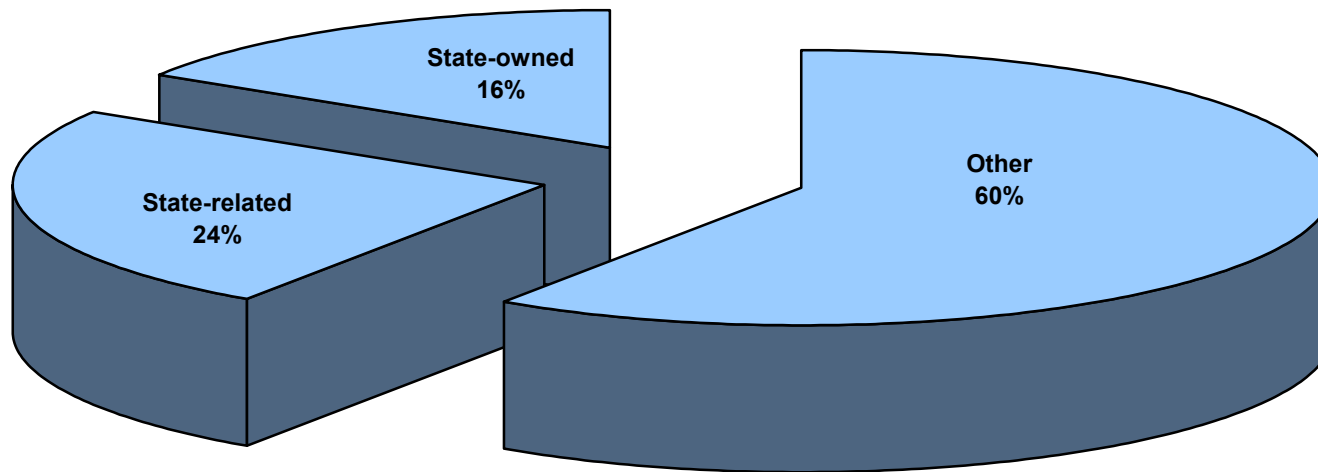
II. HISTORICAL DATA  
TABLES

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
---	----

page x blank

FULL- AND PART-TIME STUDENTS  
ENROLLED IN PUBLIC AND PRIVATE COLLEGES AND UNIVERSITIES  
IN PENNSYLVANIA<sup>1</sup>  
FALL 2000<sup>a</sup>



-ix-

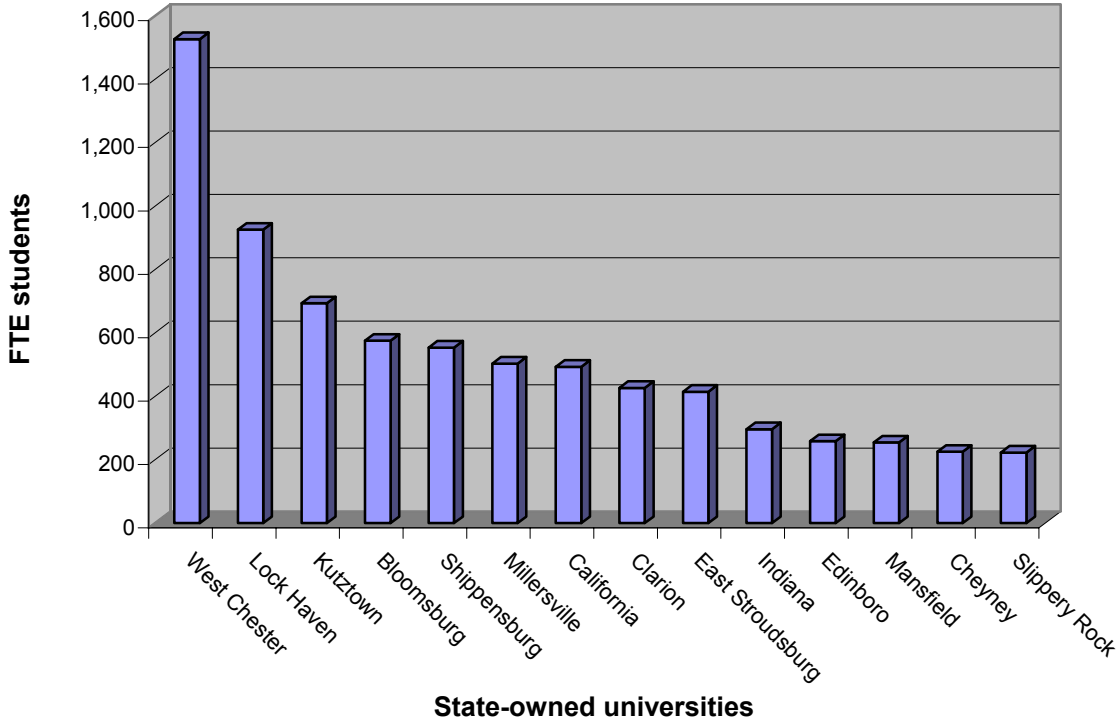
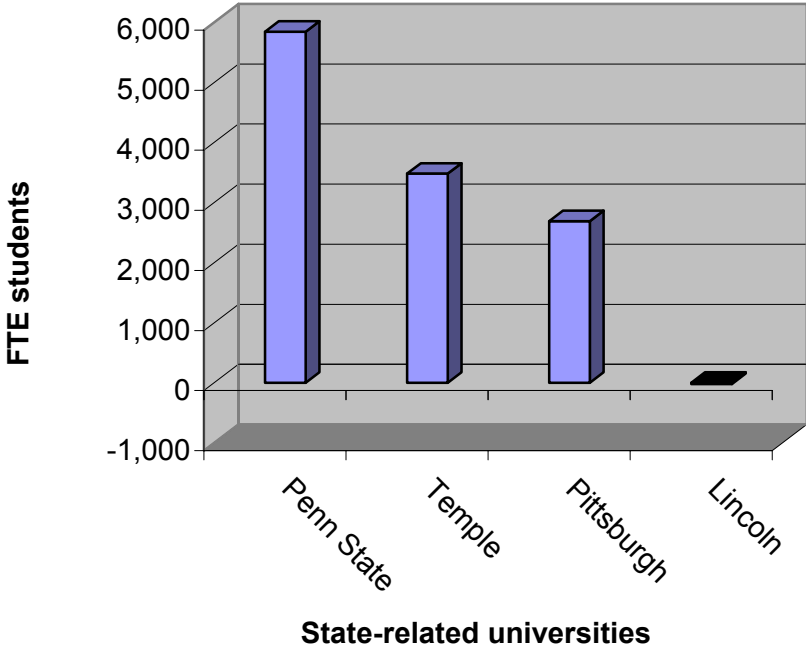
1. In Fall 2000, a total of 593,545 full- and part-time students were enrolled in the 146 public and private colleges and universities in Pennsylvania. Of this total, 240,465 students were enrolled in the Commonwealth's public universities: 144,124 students in the 4 State-related universities, and 96,341 in the 14 State-owned universities.

a. Fall 2001 data was unavailable at the time of publication.

SOURCE: Pennsylvania Department of Education, *Colleges and Universities Education Digest, 2000-2001*.



**CHANGES IN FTE STUDENT ENROLLMENTS  
IN THE STATE-RELATED AND STATE-OWNED UNIVERSITIES  
1996-97 to 2001-02**

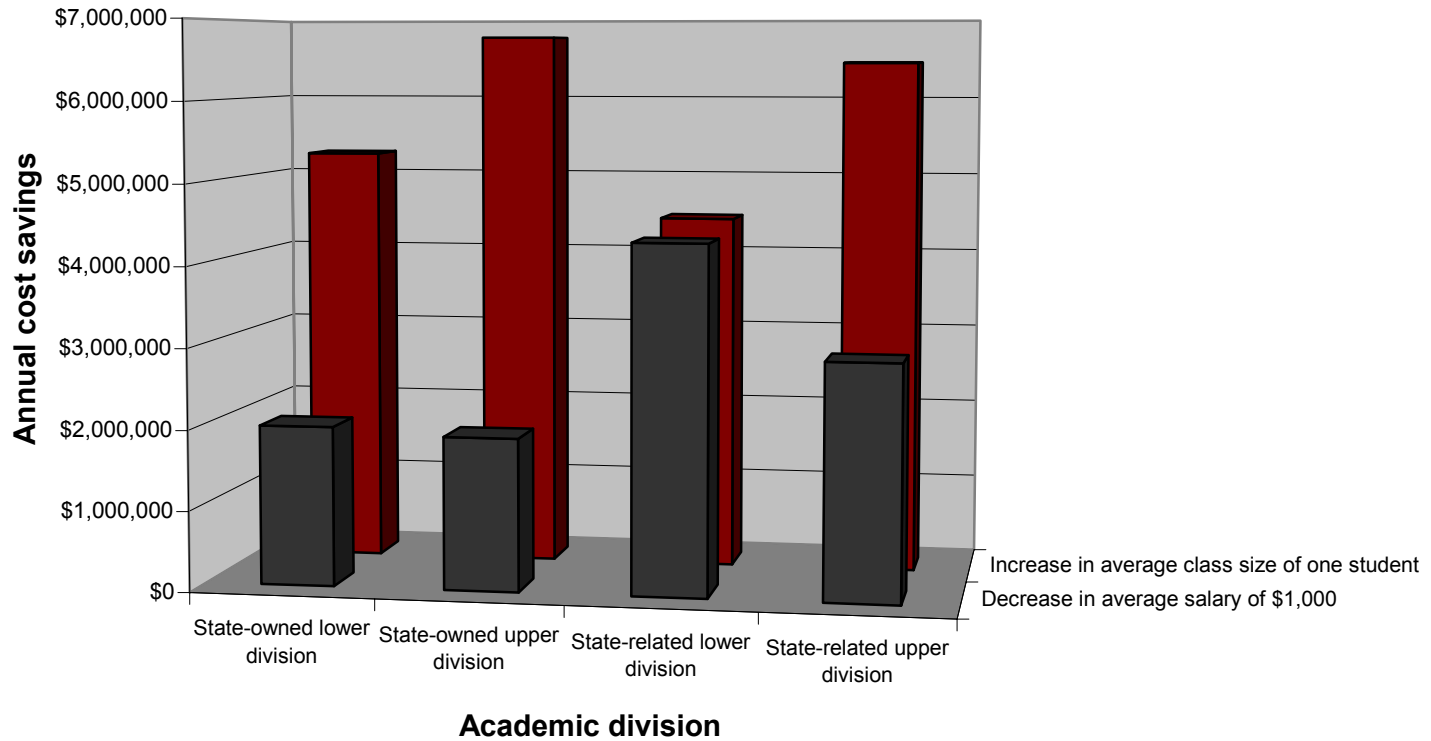


SOURCE: Data provided by the individual universities, 1997 to 2002.





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  
 2001-02



1. The estimated total annual cost savings to be expected from *decreasing* average FTE instructional faculty salary by \$1,000 at the State-related and State-owned universities would be about \$11.1 million, and from *increasing* average class (section) size by one student almost \$23 million. The model on which these estimates are based is given in the Appendix.

SOURCE: Data provided by the individual universities, 2002.



## **I. CURRENT YEAR DATA**

---

page 2 blank

Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL<sup>1</sup>  
 2001-02, CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

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	1,843	-32	-2%	a	1,493	85	6%	-1%	350	-117	-25%	4%
Penn State	71,656	1,416	2	2%	64,865	1,078	2	2	6,791	338	5	1
Pittsburgh	30,426	657	2	2	22,787	804	4	3	7,639	-147	-2	a
Temple	26,935	1,721	7	3	19,440	1,389	8	3	7,495	332	5	3
Total	130,860	3,762	3	2	108,585	3,356	3	2	22,275	406	2	1
State-owned												
Bloomsburg	7,800	431	6	2	7,269	426	6	1	531	5	1	5
California	5,719	85	2	2	4,848	60	1	2	871	25	3	3
Cheyney	1,518	93	7	3	1,251	206	20	3	267	-113	-30	5
Clarion	6,031	120	2	2	5,736	128	2	2	295	-8	-3	-1
East Stroudsburg	5,739	147	3	2	4,984	140	3	1	755	7	1	4
Edinboro	6,936	182	3	1	6,456	156	2	1	480	26	6	3
Indiana	13,155	136	1	a	11,871	96	1	a	1,284	40	3	3
Kutztown	7,484	281	4	2	6,969	250	4	2	515	31	6	5
Lock Haven	4,208	50	1	6	3,991	-13	a	5	217	63	41	52
Mansfield	3,055	169	6	2	2,884	127	5	2	171	42	33	3
Millersville	7,345	256	4	1	6,314	194	3	1	1,031	62	6	6
Shippensburg	6,610	267	4	2	6,105	261	4	2	505	6	1	-1
Slippery Rock	6,939	184	3	1	6,374	194	3	1	565	-10	-2	-1
West Chester	11,250	153	1	3	10,094	128	1	3	1,156	25	2	4
Total	93,789	2,554	3	2	85,146	2,353	3	2	8,643	201	2	3
All universities	224,649	6,316	3	2	193,731	5,709	3	2	30,918	607	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, 1997 to 2002.

Table 2

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2001-02 CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

University	Lower division			Upper division			Master's			First professional <sup>2</sup> and doctor's		
	FTE students	Percentage change		FTE students	Percentage change		FTE students	Percentage change		FTE students	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	1,087	6%	-2%	406	7%	5%	350	-25%	4%	na	na	na
Penn State	40,080	3	1	24,785	a	4	3,587	11	-1	3,204	a	3%
Pittsburgh	15,578	5	3	7,209	2	2	4,751	a	-1	2,888	-5%	1
Temple	9,251	7	4	10,189	8	2	3,589	5	a	3,906	5	6
Total	65,996	4	1	42,589	2	3	12,277	3	-1	9,998	a	4
State-owned												
Bloomsburg	5,292	8	2	1,977	1	1	531	1	5	na	na	na
California	3,273	1	2	1,575	2	1	871	3	3	na	na	na
Cheyney	940	20	5	311	19	a	267	-30	5	na	na	na
Clarion	4,105	1	1	1,631	6	2	295	-3	-1	na	na	na
East Stroudsburg	3,456	2	1	1,528	5	2	755	1	4	na	na	na
Edinboro	4,367	3	1	2,089	1	-1	480	6	3	na	na	na
Indiana	8,248	a	a	3,623	2	a	995	4	4	289	1	a
Kutztown	4,632	4	2	2,337	3	1	515	6	5	na	na	na
Lock Haven	2,827	a	5	1,164	-2	3	217	41	52	na	na	na
Mansfield	1,811	6	3	1,073	2	a	171	33	3	na	na	na
Millersville	4,194	4	2	2,120	2	-1	1,031	6	6	na	na	na
Shippensburg	4,358	5	2	1,747	4	3	505	1	-1	na	na	na
Slippery Rock	4,567	3	1	1,807	3	a	375	6	-7	190	-14	-2
West Chester	6,761	a	3	3,333	3	2	1,156	2	4	na	na	na
Total	58,831	3	2	26,315	3	1	8,164	3	3	479	-6	-1
All universities	124,827	3	2	68,904	2	2	20,441	3	1	10,477	a	3

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

2. Excludes medical school data.

a. Rounds to less than 1 percent.

na. Not applicable.

SOURCE: Data provided by the individual universities, 1997 to 2002.

Table 3A

LINCOLN UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2001-02

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 environmental design	--	--	--	--	--	--	--	--
Area and ethnic studies	--	--	--	--	--	--	--	--
Business	134	7%	42	4%	63	16%	29	8%
Communications	--	--	--	--	--	--	--	--
Computer and information sciences	--	--	--	--	--	--	--	--
Consumer, personal and miscellaneous services	--	--	--	--	--	--	--	--
Education	226	12	121	11	60	15	45	13
Engineering	--	--	--	--	--	--	--	--
Foreign languages	73	4	59	5	14	3	--	--
Health	--	--	--	--	--	--	--	--
Home economics	--	--	--	--	--	--	--	--
Industrial Arts	--	--	--	--	--	--	--	--
Law	--	--	--	--	--	--	--	--
Letters	233	13	209	19	24	6	--	--
Liberal/general studies	--	--	--	--	--	--	--	--
Library and archival sciences	--	--	--	--	--	--	--	--
Life sciences	110	6	94	9	16	4	--	--
Mathematics	170	9	142	13	28	7	--	--
Military sciences	--	--	--	--	--	--	--	--
Multi/interdisciplinary studies	2	a	--	--	2	1	--	--
Parks and recreation	72	4	56	5	16	4	--	--
Personal and social development	--	--	--	--	--	--	--	--
Philosophy, religion and theology	73	4	55	5	18	4	--	--
Physical sciences	70	4	49	5	21	5	--	--
Psychology	63	3	35	3	28	7	--	--
Public affairs and protective services	277	15	--	--	--	--	277	79
Social sciences	250	14	143	13	107	26	--	--
Trade and industrial	--	--	--	--	--	--	--	--
Visual and performing arts	89	5	81	8	8	2	--	--
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	1,843	100	1,087	100	406	100	350	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.

a. Rounds to less than 1 percent.

SOURCE: Data provided by Lincoln University, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.

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  
2001-02

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	1,150	2%	299	1%	671	3%	180	3%
Architecture and environmental design	570	1	378	1	177	1	15	a
Area and ethnic studies	886	1	465	1	382	1	39	1
Business	8,589	12	2,452	6	5,103	21	1,034	15
Communications	1,546	2	641	2	864	3	41	1
Computer and information sciences	3,125	4	2,222	6	697	3	206	3
Consumer, personal and miscellaneous services	--	--	--	--	--	--	--	--
Education	3,501	5	729	2	1,284	5	1,488	22
Engineering	5,076	7	1,212	3	2,804	11	1,060	16
Foreign languages	2,950	4	2,120	5	690	3	140	2
Health	1,707	2	361	1	1,131	5	215	3
Home economics	2,008	3	1,080	3	844	3	84	1
Industrial Arts	--	--	--	--	--	--	--	--
Law	--	--	--	--	--	--	--	--
Letters	6,810	10	4,473	11	2,050	8	287	4
Liberal/general studies	276	a	211	a	52	a	13	a
Library and archival sciences	5	a	3	a	2	a	--	--
Life sciences	3,459	5	2,389	6	729	3	341	5
Mathematics	6,260	9	5,581	14	496	2	183	3
Military sciences	98	a	56	a	42	a	--	--
Multi/interdisciplinary studies	2,305	3	719	2	1,478	6	108	2
Parks and recreation	343	1	56	a	266	1	21	a
Personal and social development	--	--	--	--	--	--	--	--
Philosophy, religion and theology	1,247	2	1,018	2	187	1	42	1
Physical sciences	5,030	7	3,890	10	633	3	507	7
Psychology	2,532	4	1,444	4	854	3	234	3
Public affairs and protective services	942	1	212	a	641	3	89	1
Social sciences	7,270	10	4,981	12	1,957	8	332	5
Trade and industrial	237	a	235	1	2	a	--	--
Visual and performing arts	3,733	5	2,853	7	748	3	132	2
Other	2	a	2	a	--	--	--	--
Total <sup>3</sup>	71,656	100	40,080	100	24,785	100	6,791	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, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.



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  
2001-02

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 environmental design	--	--	--	--	--	--	--	--
Area and ethnic studies	116	a	74	a	42	1%	--	--
Business	2,457	8%	460	3%	1,076	15	921	12%
Communications	183	1	47	a	27	a	109	1
Computer and information sciences	1,487	5	934	6	337	5	216	3
Consumer, personal and miscellaneous services	--	--	--	--	--	--	--	--
Education	1,821	6	425	3	436	6	960	12
Engineering	1,507	5	442	3	659	9	406	5
Foreign languages	1,805	6	1,295	8	416	6	94	1
Health	3,017	10	240	1	660	9	2,117	28
Home economics	77	a	--	--	66	1	11	a
Industrial Arts	--	--	--	--	--	--	--	--
Law	1,033	3	43	a	28	a	962	13
Letters	3,009	10	2,132	14	755	11	122	2
Liberal/general studies	--	--	--	--	--	--	--	--
Library and archival sciences	210	1	1	a	7	a	202	3
Life sciences	1,064	3	715	5	279	4	70	1
Mathematics	1,931	6	1,563	10	286	4	82	1
Military sciences	25	a	16	a	9	a	--	--
Multi/interdisciplinary studies	183	1	156	1	22	a	5	a
Parks and recreation	--	--	--	--	--	--	--	--
Personal and social development	--	--	--	--	--	--	--	--
Philosophy, religion and theology	900	3	651	4	184	3	65	1
Physical sciences	2,198	7	1,815	12	175	2	208	3
Psychology	1,476	5	1,112	7	267	4	97	1
Public affairs and protective services	1,251	4	88	1	357	5	806	10
Social sciences	3,535	12	2,441	16	953	13	141	2
Trade and industrial	--	--	--	--	--	--	--	--
Visual and performing arts	1,144	4	931	6	169	2	44	1
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	30,425	100	15,578	100	7,209	100	7,638	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, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.

Table 3D

TEMPLE UNIVERSITY  
NUMBER AND PERCENTAGE DISTRIBUTION OF FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
BY ACADEMIC DIVISION AND LEVEL AND CIP CLASSIFICATION  
2001-02

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	82	a	35	a	46	1%	1	a
Architecture and environmental design	280	1%	125	1%	154	2	1	a
Area and ethnic studies	393	1	206	2	160	2	27	a
Business	3,250	12	805	9	1,643	16	802	11%
Communications	797	3	263	3	433	4	101	1
Computer and information sciences	787	3	340	4	371	4	76	1
Consumer, personal and miscellaneous services	--	--	--	--	--	--	--	--
Education	2,403	9	447	5	1,155	11	801	11
Engineering	400	1	97	1	247	2	56	1
Foreign languages	854	3	478	5	339	3	37	a
Health	3,520	13	105	1	718	7	2,697	36
Home economics	--	--	--	--	--	--	--	--
Industrial Arts	--	--	--	--	--	--	--	--
Law	1,694	6	151	2	171	2	1,372	18
Letters	1,368	5	851	9	459	5	58	1
Liberal/general studies	672	3	525	6	143	1	4	a
Library and archival sciences	--	--	--	--	--	--	--	--
Life sciences	431	2	189	2	211	2	31	a
Mathematics	1,247	5	835	9	337	3	75	1
Military sciences	11	a	7	a	4	a	--	--
Multi/interdisciplinary studies	--	--	--	--	--	--	--	--
Parks and recreation	--	--	--	--	--	--	--	--
Personal and social development	--	--	--	--	--	--	--	--
Philosophy, religion and theology	543	2	278	3	220	2	45	1
Physical sciences	939	4	529	6	341	3	69	1
Psychology	1,135	4	355	4	417	4	363	5
Public affairs and protective services	1,017	4	210	2	399	4	408	5
Social sciences	2,918	11	1,489	16	1,237	12	192	3
Trade and industrial	--	--	--	--	--	--	--	--
Visual and performing arts	2,200	8	934	10	985	10	281	4
Other	--	--	--	--	--	--	--	--
Total <sup>3</sup>	26,936	100	9,251	100	10,189	100	7,496	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, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.

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  
2001-02

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	121	a	10	a	2	a
Architecture and environmental design	23	a	5	a	18	a	0	--
Area and ethnic studies	512	1%	299	1%	196	1%	17	a
Business	7,600	8	3,117	5	3,903	15	580	7%
Communications	2,902	3	1,717	3	1,077	4	108	1
Computer and information sciences	2,320	2	1,644	3	577	2	99	1
Consumer, personal and miscellaneous services	524	1	405	1	119	1	0	--
Education	17,034	18	5,336	9	7,181	27	4,517	52
Engineering	295	a	158	a	114	1	23	a
Foreign languages	2,505	3	2,128	4	311	1	66	1
Health	2,947	3	968	2	1,311	5	668	8
Home economics	617	1	287	a	309	1	21	a
Industrial Arts	679	1	175	a	200	1	304	4
Law	158	a	100	a	44	a	14	a
Letters	8,749	9	6,834	12	1,644	6	271	3
Liberal/general studies	211	a	97	a	5	a	109	1
Library and archival sciences	214	a	26	a	59	a	129	2
Life sciences	3,655	4	2,896	5	638	3	121	1
Mathematics	5,793	6	5,139	9	501	2	153	2
Military sciences	117	a	83	a	34	a	0	--
Multi/interdisciplinary studies	546	1	436	1	72	a	38	a
Parks and recreation	1,520	2	835	1	608	2	77	1
Personal and social development	255	a	197	a	17	a	41	a
Philosophy, religion and theology	1,963	2	1,590	3	347	1	26	a
Physical sciences	4,800	5	4,281	7	472	2	47	1
Psychology	5,539	6	3,381	6	1,585	6	573	7
Public affairs and protective services	1,735	2	800	1	803	3	132	2
Social sciences	13,434	14	10,323	18	2,714	10	397	5
Trade and industrial	650	1	636	1	14	a	0	--
Visual and performing arts	6,231	7	4,679	8	1,438	6	114	1
Other	156	a	153	a	0	--	3	a
Total <sup>3</sup>	93,789	100	58,831	100	26,315	100	8,643	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, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.

Table 4

DEGREES CONFERRED<sup>1</sup>  
2001-02, CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

University	Total				Bachelor's				Graduate <sup>2</sup>			
	Degrees	One-year change	Percentage change		Degrees	One-year change	Percentage change		Degrees	One-year change	Percentage change	
		One-year	Five-year			One-year	Five-year		One-year	Five-year		
		change	average			change	average		change	average		
<b>State-related</b>												
Lincoln	401	-22	-5%	4%	243	44	22%	2%	158	-66	-29%	9%
Penn State	13,715	137	1	4	11,046	-19	a	5	2,669	156	6	1
Pittsburgh	7,039	268	4	1	4,412	193	5	2	2,627	75	3	-1
Temple	5,928	375	7	2	3,383	134	4	2	2,545	241	10	1
Total	27,083	758	3	3	19,084	352	2	3	7,999	406	5	1
<b>State-owned</b>												
Bloomsburg	1,484	-40	-3	a	1,245	-51	-4	a	239	11	5	a
California	1,169	91	8	-1	914	93	11	a	255	-2	-1	-5
Cheyney	225	-81	-26	-3	129	6	5	-2	96	-87	-48	-3
Clarion	1,105	2	a	2	920	-11	-1	1	185	13	8	6
East Stroudsburg	1,110	76	7	1	838	63	8	1	272	13	5	2
Edinboro	1,268	108	9	a	1,055	41	4	-1	213	67	46	1
Indiana	2,545	-88	-3	1	2,008	-106	-5	1	537	18	3	2
Kutztown	1,539	148	11	3	1,315	175	15	3	224	-27	-11	1
Lock Haven	669	-8	-1	3	615	-25	-4	1	54	17	46	340
Mansfield	535	-1	a	-2	494	2	a	a	41	-3	-7	-11
Millersville	1,344	-46	-3	-1	1,139	-75	-6	-1	205	29	16	3
Shippensburg	1,480	56	4	a	1,194	63	6	1	286	-7	-2	-2
Slippery Rock	1,373	142	12	a	1,158	112	11	a	215	30	16	a
West Chester	2,290	173	8	5	1,797	106	6	4	493	67	16	8
Total	18,136	532	3	1	14,821	393	3	1	3,315	139	4	1
All universities	45,219	1,290	3	2	33,905	745	2	2	11,314	545	5	1

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, 1997 to 2002.

Table 5

NUMBER AND WORKWEEKS OF FULL-TIME EMPLOYED FACULTY BY TYPE OF ACTIVITY  
FALL 2001, AND PERCENTAGE CHANGE FROM FALL 2000

University	Full-time employed faculty <sup>1</sup>	Average weekly hours <sup>2</sup>										Total work- week	Percentage change
		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					
<b>State-related</b>													
Lincoln	108	12.2	6%	0.6	-25%	18.6	-15%	11.0	6%	10.5	-4%	52.9	-5%
Penn State	3,389	6.5	-2	1.6	0	19.4	0	17.6	3	7.0	-7	52.1	a
Pittsburgh	1,867	4.4	5	3.4	-3	12.4	-5	19.9	5	11.7	-3	51.8	a
Temple	1,109	5.5	-4	3.5	-3	17.9	-2	13.5	-1	11.5	-3	51.9	-2
Total	6,473	5.8	0	2.4	-4	17.1	-2	17.5	4	9.2	-4	52.0	-1
<b>State-owned</b>													
Bloomsburg	373	11.0	0	1.0	0	18.0	3	9.0	2	17.3	-4	56.3	a
California	239	8.8	-9	1.3	-28	19.0	-1	6.6	-4	19.8	7	55.5	-1
Cheyney	78	10.2	0	1.1	-35	15.0	-9	7.1	-16	17.6	8	51.0	-4
Clarion	340	10.8	0	0.6	-14	18.9	-1	8.5	2	13.3	1	52.1	0
East Stroudsburg	260	10.5	-2	1.3	18	17.7	2	8.6	2	17.1	-4	55.2	a
Edinboro	347	11.9	-4	1.8	38	14.7	-3	8.1	-6	16.2	5	52.7	-1
Indiana	756	9.6	-3	1.5	15	16.8	-2	9.9	-3	19.1	0	56.9	-1
Kutztown	377	11.2	0	0.7	17	17.2	1	7.8	-4	17.3	1	54.2	a
Lock Haven	233	10.9	-8	0.6	200	18.5	-3	6.5	0	16.9	-1	53.4	-2
Mansfield	166	8.8	-19	0.3	-25	21.1	-6	9.2	-7	18.8	8	58.2	-5
Millersville	312	10.7	3	0.8	-11	17.1	-2	8.8	2	16.8	1	54.2	1
Shippensburg	286	9.6	-1	0.9	0	18.4	3	9.0	-4	18.8	-4	56.7	-1
Slippery Rock	359	10.2	4	0.9	0	17.8	-3	2.7	8	24.7	a	56.3	a
West Chester	579	9.8	-4	1.7	21	16.9	-5	12.3	4	19.0	7	59.7	1
Total	4,705	10.3	-2	1.1	0	17.5	-1	8.5	-1	18.2	1	55.6	-1
All universities	11,178	7.6	-3	1.9	0	17.3	-2	13.9	3	12.7	-2	53.4	-1

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

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

3. Includes course preparation and evaluation.

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

a. Rounds to less than 1 percent.

SOURCE: Data provided by the individual universities, 2001 and 2002.

Table 6

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY AND PERCENTAGE DISTRIBUTION BY RANK<sup>1</sup>  
2001-02  
(Dollars in thousands)

University	FTE instructional faculty		Average instructional salary		Professor		Associate professor		Assistant professor		Instructor		No rank <sup>2</sup>	
	Number	Percentage change	Amount	Percentage change	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty	Average instructional salary	Percentage of faculty
		2000-01 to 2001-02		2000-01 to 2001-02										
<b>State-related</b>														
Lincoln	153	19%	\$36.7	6%	\$52.8	20%	\$46.2	13%	\$33.3	35%	\$24.0	17%	\$29.5	15%
Penn State	4,085	4	54.2	4	93.9	16	64.7	17	54.2	21	35.8	17	35.8	29
Pittsburgh	1,891	5	51.9	5	87.7	18	58.2	21	48.6	20	31.1	17	37.2	24
Temple	1,575	5	52.3	0	84.2	24	63.2	19	44.2	18	30.5	18	32.3	21
Total	7,704	5	52.9	3	89.0	18	62.3	18	50.3	21	33.3	17	35.5	26
<b>State-owned</b>														
Bloomsburg	403	3	58.7	3	74.2	31	60.0	29	48.6	30	38.5	10	na	na
California	259	b	65.9	b	80.5	38	65.4	27	57.4	15	45.3	19	49.4	1
Cheyney	99	3	68.1	13	96.2	21	83.9	21	60.0	21	39.4	36	0	1
Clarion	331	4	60.8	6	81.4	29	65.4	25	51.9	25	38.3	21	na	na
East Stroudsburg	299	2	61.5	4	78.3	32	65.2	29	53.4	20	36.1	19	na	na
Edinboro	409	3	60.0	5	76.6	23	64.2	24	54.3	38	42.0	15	na	na
Indiana	828	2	55.6	5	63.9	35	53.3	30	49.5	25	46.7	9	55.3	1
Kutztown	377	2	61.9	5	80.8	30	66.2	27	49.6	30	38.2	13	na	na
Lock Haven	220	10	56.6	-1	78.7	22	60.4	25	48.8	38	38.1	15	na	na
Mansfield	188	-5	57.6	-4	77.8	30	59.7	30	45.6	23	35.1	17	0	a
Millersville	413	1	59.4	5	77.9	31	62.7	24	49.6	29	35.0	16	na	na
Shippensburg	338	6	61.7	7	79.5	32	62.2	21	52.5	38	40.0	8	0	1
Slippery Rock	361	-1	62.5	8	75.9	31	64.0	25	53.9	36	44.1	8	34.2	a
West Chester	641	-1	55.5	7	76.0	24	62.7	24	52.1	24	35.3	27	26.9	1
Total	5,166	1	59.4	6	75.5	30	61.8	26	51.4	28	38.8	15	40.1	1
All universities	12,870	3	55.5	4	82.0	23	62.1	21	50.8	24	35.4	16	35.5	16

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

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

a. Rounds to less than 1 percent.

b. There was a processing error in 1999-00.

na. Not applicable.

SOURCE: Data provided by the individual universities, 2001 and 2002.

Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
2001-02, CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

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	\$2,782	29%	11%	\$4,481	25%	3%	\$3,244	27%	9%	\$2,173	17%	3%
Penn State	1,816	2	5	3,358	8	5	2,405	5	5	5,949	21	6
Pittsburgh	1,726	6	a	3,570	10	3	2,310	7	1	6,135	11	4
Temple	2,124	2	2	3,097	1	4	2,634	2	3	3,891	-4	3
Total	1,852	4	4	3,338	7	4	2,435	5	4	5,312	11	4
State-owned												
Bloomsburg	2,358	1	1	4,488	1	2	2,937	0	1	4,414	0	1
California	2,305	8	1	3,856	8	2	2,809	8	1	3,969	9	2
Cheyney	4,353	6	6	5,794	-7	2	4,711	2	4	3,671	51	2
Clarion	2,461	7	2	5,146	7	2	3,224	8	2	5,388	2	2
East Stroudsburg	2,536	2	3	4,478	-2	1	3,132	a	2	3,673	22	7
Edinboro	2,636	5	2	4,949	4	5	3,385	4	3	5,729	7	4
Indiana	2,439	8	4	4,806	1	2	3,162	5	3	5,961	3	-1
Kutztown	2,163	5	1	4,761	1	1	3,034	3	1	4,250	1	a
Lock Haven	2,180	-11	-1	4,545	15	3	2,870	-2	a	4,795	28	-5
Mansfield	2,558	-12	3	5,433	-8	2	3,626	-11	2	1,892	-56	-12
Millersville	2,992	3	2	4,382	7	4	3,440	4	3	2,735	-8	-1
Shippensburg	2,546	11	2	4,235	8	2	3,029	9	2	4,737	2	4
Slippery Rock	2,607	4	1	4,661	4	2	3,189	4	1	5,102	2	b
West Chester	2,485	4	1	4,066	4	2	3,006	4	2	4,559	6	2
Total	2,581	7	3	4,697	6	3	3,236	7	2	4,507	8	2
All universities	2,161	4	3	3,810	5	3	2,747	4	3	4,938	9	3

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.

b. The master's level includes the doctor's level prior to 1997-98.

SOURCE: Data provided by the individual universities, 1997 to 2002.

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  
 2001-02

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and environmental design	--	--	--	--	--	--
Area and ethnic studies	--	--	--	--	--	--
Business	\$2,378	\$4,057	\$3,384	\$2,270	--	--
Communications	--	--	--	--	--	--
Computer and information sciences	--	--	--	--	--	--
Consumer, personal and miscellaneous services	--	--	--	--	--	--
Education	1,784	2,360	1,974	2,101	--	--
Engineering	--	--	--	--	--	--
Foreign languages	5,592	10,933	6,635	--	--	--
Health	--	--	--	--	--	--
Home economics	--	--	--	--	--	--
Industrial arts	--	--	--	--	--	--
Law	--	--	--	--	--	--
Letters	2,205	4,580	2,453	--	--	--
Liberal/general studies	--	--	--	--	--	--
Library and archival sciences	--	--	--	--	--	--
Life sciences	2,094	4,620	2,462	--	--	--
Mathematics	2,675	4,007	2,894	--	--	--
Military sciences	--	--	--	--	--	--
Multi/interdisciplinary studies	--	2,455	2,455	--	--	--
Parks and recreation	2,892	5,153	3,391	--	--	--
Personal and social development	--	--	--	--	--	--
Philosophy, religion and theology	2,544	4,141	2,935	--	--	--
Physical sciences	6,767	13,155	8,701	--	--	--
Psychology	3,841	6,287	4,924	--	--	--
Public affairs and protective services	--	--	--	2,159	--	--
Social sciences	1,811	2,932	2,293	--	--	--
Trade and industrial	--	--	--	--	--	--
Visual and performing arts	3,766	4,359	3,817	--	--	--
Other	--	--	--	--	--	--
Total	2,782	4,481	3,244	2,173	--	--

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, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.



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  
 2001-02

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$2,318	\$3,743	\$3,303	\$9,043	--	\$11,342
Architecture and environmental design	1,198	6,092	2,760	13,773	--	20,118
Area and ethnic studies	1,959	3,002	2,429	3,740	--	14,439
Business	1,410	3,085	2,541	4,254	--	7,211
Communications	1,510	2,930	2,325	8,704	--	11,468
Computer and information sciences	2,782	3,834	3,033	4,562	--	19,433
Consumer, personal and miscellaneous services	--	--	--	--	--	--
Education	1,821	3,767	3,063	1,942	--	7,797
Engineering	3,861	4,364	4,212	6,898	--	20,672
Foreign languages	1,986	3,014	2,238	6,864	--	11,944
Health	2,566	3,890	3,569	8,262	--	14,600
Home economics	1,007	3,110	1,930	4,872	--	15,884
Industrial arts	--	--	--	--	--	--
Law	--	--	--	--	--	--
Letters	2,100	2,745	2,302	5,445	--	15,443
Liberal/general studies	4,306	4,927	4,429	6,897	--	--
Library and archival sciences	3,406	8,363	5,665	--	--	--
Life sciences	1,400	2,998	1,773	12,428	--	17,033
Mathematics	1,936	3,790	2,087	4,247	--	15,326
Military sciences	--	--	--	--	--	--
Multi/interdisciplinary studies	1,994	2,552	2,370	4,551	--	11,697
Parks and recreation	226	2,015	1,705	6,112	--	23,735
Personal and social development	--	--	--	--	--	--
Philosophy, religion and theology	1,411	3,197	1,689	8,667	--	18,890
Physical sciences	1,918	4,199	2,238	14,030	--	17,083
Psychology	867	2,908	1,626	7,140	--	13,772
Public affairs and protective services	1,129	2,583	2,222	3,981	--	16,764
Social sciences	1,257	3,080	1,772	8,529	--	19,485
Trade and industrial	3,874	7,818	3,900	--	--	--
Visual and performing arts	1,505	4,712	2,171	8,880	--	11,593
Other	3,847	--	3,847	--	--	--
Total	1,816	3,358	2,405	5,949	--	13,776

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, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.

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  
 2001-02

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	--	--	--	--	--	--
Architecture and environmental design	--	--	--	--	--	--
Area and ethnic studies	\$1,971	\$4,824	\$2,996	--	--	--
Business	1,848	2,496	2,302	\$3,912	--	\$37,508
Communications	3,001	5,129	3,785	3,547	--	10,166
Computer and information sciences	1,621	2,997	1,986	3,566	--	7,726
Consumer, personal and miscellaneous services	--	--	--	--	--	--
Education	1,705	3,372	2,549	3,258	--	9,442
Engineering	2,771	3,957	3,481	8,925	--	18,094
Foreign languages	2,212	2,512	2,285	7,627	--	18,184
Health	2,613	5,909	5,031	9,850	\$2,047	26,244
Home economics	--	2,539	2,539	10,375	--	8,097
Industrial arts	--	--	--	--	--	--
Law	2,001	5,202	3,264	--	2,474	--
Letters	2,009	3,166	2,311	6,082	--	9,977
Liberal/general studies	--	--	--	--	--	--
Library and archival sciences	--	4,179	4,179	3,229	--	11,404
Life sciences	2,040	4,995	2,870	14,326	--	21,535
Mathematics	1,557	2,838	1,755	10,521	--	21,878
Military sciences	--	--	--	--	--	--
Multi/interdisciplinary studies	--	1,280	1,280	--	--	--
Parks and recreation	--	--	--	--	--	--
Personal and social development	--	--	--	--	--	--
Philosophy, religion and theology	1,785	3,466	2,156	15,601	--	28,809
Physical sciences	1,751	6,493	2,167	16,182	--	15,383
Psychology	857	2,504	1,175	5,041	--	9,955
Public affairs and protective services	1,166	2,462	2,207	3,043	--	10,083
Social sciences	1,487	3,583	2,075	13,415	--	28,166
Trade and industrial	--	--	--	--	--	--
Visual and performing arts	1,582	5,612	2,202	12,163	--	17,860
Other	--	--	--	--	--	--
Total	1,726	3,570	2,310	6,135	2,246	15,964

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, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.

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  
 2001-02

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total under-graduate	Master's	First professional <sup>2</sup>	Doctor's
Agriculture	\$2,484	\$2,807	\$2,668	\$3,076	--	--
Architecture and environmental design	2,182	3,870	3,114	--	--	--
Area and ethnic studies	1,892	2,270	2,057	9,222	--	\$8,193
Business	2,138	2,951	2,683	3,361	--	10,225
Communications	1,663	3,404	2,747	5,709	--	7,581
Computer and information sciences	2,265	3,567	2,945	5,214	--	10,271
Consumer, personal and miscellaneous services	--	--	--	--	--	--
Education	2,121	3,101	2,828	2,635	--	4,698
Engineering	3,116	4,401	4,039	8,317	--	--
Foreign languages	2,600	3,127	2,818	3,926	--	12,663
Health	4,581	2,307	2,596	3,546	\$3,090	2,784
Home economics	--	--	--	--	--	--
Industrial arts	--	--	--	--	--	--
Law	1,498	2,353	1,952	3,288	4,278	--
Letters	2,304	2,892	2,510	8,026	--	9,882
Liberal/general studies	1,468	1,598	1,496	3,145	--	--
Library and archival sciences	--	--	--	--	--	--
Life sciences	1,160	2,329	1,777	4,243	--	14,685
Mathematics	2,426	3,840	2,834	4,344	--	23,183
Military sciences	--	--	--	--	--	--
Multi/interdisciplinary studies	--	--	--	--	--	--
Parks and recreation	--	--	--	--	--	--
Personal and social development	--	--	--	--	--	--
Philosophy, religion and theology	2,214	3,156	2,631	4,584	--	14,515
Physical sciences	2,003	3,122	2,442	4,410	--	11,516
Psychology	1,441	3,236	2,410	3,097	--	7,368
Public affairs and protective services	1,764	2,414	2,190	3,665	--	9,888
Social sciences	1,695	2,754	2,175	5,502	--	10,156
Trade and industrial	--	--	--	--	--	--
Visual and performing arts	2,901	4,270	3,604	7,189	--	11,920
Other	--	--	--	--	--	--
Total	2,124	3,097	2,634	3,891	3,548	7,598

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, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.

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  
 2001-02

CIP classification	Undergraduate			Graduate		
	Lower division	Upper division	Total undergraduate	Master's	First professional	Doctor's <sup>2</sup>
Agriculture	\$1,402	\$1,656	\$1,427	\$4,756	--	--
Architecture and environmental design	9,972	4,889	5,906	--	--	--
Area and ethnic studies	2,499	3,766	2,972	10,364	--	--
Business	2,556	3,879	3,297	4,704	--	--
Communications	2,689	4,159	3,276	6,470	--	--
Computer and information sciences	2,867	4,777	3,331	5,986	--	--
Consumer, personal and miscellaneous services	1,119	--	1,295	--	--	--
Education	2,128	4,083	3,254	3,394	--	\$4,806
Engineering	3,086	3,235	3,162	4,725	--	--
Foreign languages	3,190	6,241	3,591	4,146	--	--
Health	3,301	6,003	4,944	6,654	--	1,843
Home economics	2,556	3,840	3,255	11,388	--	--
Industrial arts	6,998	13,307	9,760	13,626	--	--
Law	2,585	2,782	2,652	4,382	--	--
Letters	2,684	4,311	2,994	4,937	--	11,371
Liberal/general studies	2,343	333	1,910	--	--	--
Library and archival sciences	3,902	4,992	4,644	4,203	--	--
Life sciences	2,896	7,475	3,765	14,348	--	--
Mathematics	2,690	5,197	2,919	7,288	--	--
Military sciences	--	--	--	--	--	--
Multi/interdisciplinary studies	2,722	6,720	3,298	3,422	--	--
Parks and recreation	3,303	6,145	4,445	10,770	--	--
Personal and social development	3,634	2,607	3,532	3,706	--	--
Philosophy, religion and theology	2,297	4,550	2,658	5,295	--	--
Physical sciences	3,376	10,418	4,089	13,264	--	--
Psychology	1,997	4,001	2,629	3,914	--	22,213
Public affairs and protective services	2,339	4,220	3,306	5,358	--	--
Social sciences	2,130	4,580	2,637	7,118	--	12,445
Trade and industrial	3,501	6,760	4,218	--	--	--
Visual and performing arts	2,853	7,704	3,894	13,349	--	--
Other	2,152	0	1,337	214	--	--
<b>Total</b>	<b>2,581</b>	<b>4,697</b>	<b>3,236</b>	<b>4,507</b>	<b>--</b>	<b>6,157</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. Doctor's level includes only Indiana University and/or Slippery Rock University.

SOURCE: Data provided by the individual State-owned universities, 2002; CIP classifications - U.S. Department of Education, National Center for Education Statistics, *Classification of Instructional Programs*, 1991.

Table 9

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
 2001-02, CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

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

2. One year percentage change is from 1999-00 data.

SOURCE: Data provided by the individual universities, 1997 to 2002.

Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS BY ACADEMIC LEVEL AND RESIDENCE  
2001-02, CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

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	\$5,176	3%	5%	\$8,440	3%	6%	\$6,586	3%	4%	\$11,266	3%	5%
Penn State <sup>2</sup>	7,396	8	6	15,522	8	6	8,224	8	6	16,484	8	6
Pittsburgh <sup>2</sup>	7,482	7	5	15,740	7	6	9,890	7	5	19,856	7	6
Temple	7,324	5	5	13,062	6	4	9,220	5	6	13,127	10	7
Average	6,845	6	5	13,191	6	5	8,480	6	5	15,183	7	6
State-owned												
Bloomsburg	4,992	7	4	11,016	6	4	5,434	12	7	8,388	9	5
California	5,202	5	4	11,226	6	4	5,730	11	7	8,684	8	5
Cheyney	4,671	5	4	10,695	6	3	4,980	8	7	7,934	6	5
Clarion	5,195	5	4	7,203	6	-5	5,590	10	7	8,544	7	5
East Stroudsburg	4,984	6	4	11,008	6	3	5,406	10	7	8,360	7	5
Edinboro	4,944	8	4	6,952	8	-5	5,816	13	9	8,770	9	6
Indiana	4,875	6	4	10,899	6	4	5,358	10	7	8,312	7	5
Kutztown	4,947	6	4	10,971	6	4	5,435	11	7	8,389	8	5
Lock Haven	4,758	5	4	9,185	12	a	5,446	11	7	8,761	12	6
Mansfield	5,096	7	5	11,120	6	4	5,492	11	9	8,446	8	6
Millersville	5,053	5	4	11,077	6	3	5,637	9	6	8,591	7	5
Shippensburg	5,004	5	4	11,028	6	3	5,348	10	7	8,302	8	5
Slippery Rock	4,942	6	4	10,966	6	3	5,846	11	8	9,244	8	7
West Chester	4,900	6	4	10,924	6	4	5,504	13	8	8,458	9	6
Average	4,969	6	4	10,305	6	2	5,502	11	7	8,513	8	5

1. Excludes first-professional level.

2. Main campus data only.

a. Rounds to less than 1 percent.

SOURCE: Pennsylvania Department of Education, *Colleges and Universities-Education Digest*, 1996-97 to 2001-02.

Table 11

TUITION AND FEE REVENUES RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
 2001-02, CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

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	\$13,774	6%	6%	\$7,470	\$510	7%	6%
Penn State	622,392	10	6	8,690	630	8	4
Pittsburgh	299,652	9	7	9,850	590	6	4
Temple	268,989	13	11	9,990	560	6	7
<b>Total</b>	<b>1,204,807</b>	<b>10</b>	<b>7</b>	<b>9,210</b>	<b>610</b>	<b>7</b>	<b>5</b>
<b>State-owned</b>							
Bloomsburg	40,681	8	6	5,220	100	2	4
California	28,270	6	5	4,940	220	5	3
Cheyney	8,261	6	8	5,440	-40	-1	4
Clarion	30,019	4	6	4,980	90	2	4
East Stroudsburg	33,642	6	6	5,860	170	3	5
Edinboro	36,089	10	5	5,200	360	7	4
Indiana	71,373	1	4	5,430	20	a	4
Kutztown	40,343	7	7	5,390	160	3	5
Lock Haven	21,686	15	10	5,150	620	14	4
Mansfield	17,180	8	8	5,620	110	2	5
Millersville	39,109	a	5	5,330	-160	-3	3
Shippensburg	34,833	7	6	5,270	140	3	4
Slippery Rock	36,636	7	6	5,280	230	5	5
West Chester	64,093	2	8	5,700	30	1	4
<b>Total</b>	<b>502,215</b>	<b>5</b>	<b>6</b>	<b>5,360</b>	<b>130</b>	<b>2</b>	<b>4</b>
<b>All universities</b>	<b>1,707,022</b>	<b>9</b>	<b>7</b>	<b>7,600</b>	<b>410</b>	<b>6</b>	<b>5</b>

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

a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1997 to 2002; FTE students - data provided by the individual universities, 1997 to 2002.

Table 12

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
 2001-02, CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

University	Total instructional appropriations			Instructional appropriations per FTE student			
	Amount (000s)	Percentage change		Amount	One-year change	Percentage change	
		One- year	Five-year average			One- year	Five-year average
State-related							
Lincoln	\$10,439	-19%	1%	\$5,660	\$-1,240	-18%	2%
Penn State	243,057	a	3	3,390	-70	-2	1
Pittsburgh	147,013	-2	2	4,830	-200	-4	a
Temple	154,213	-2	2	5,730	-500	-8	-1
Total	554,722	-1	2	4,240	-190	-4	a
State-owned							
Bloomsburg	34,063	-1	3	4,370	-280	-6	1
California	31,024	-1	3	5,430	-110	-2	1
Cheyney	13,937	-3	1	9,180	-920	-9	-2
Clarion	32,115	-2	3	5,330	-190	-3	1
East Stroudsburg	25,164	a	5	4,390	-120	-3	3
Edinboro	32,873	a	3	4,740	-120	-2	2
Indiana	60,706	a	2	4,620	-30	-1	1
Kutztown	33,178	-1	3	4,430	-240	-5	1
Lock Haven	21,628	2	6	5,140	40	1	a
Mansfield	18,456	-1	3	6,040	-390	-6	1
Millersville	34,783	a	3	4,740	-160	-3	1
Shippensburg	32,904	2	5	4,980	-110	-2	3
Slippery Rock	33,687	-2	2	4,860	-260	-5	1
West Chester	46,263	a	4	4,110	-50	-1	1
Total <sup>2</sup>	450,781	a	3	4,810	-150	-3	1
All universities <sup>2</sup>	1,005,503	-1	3	4,480	-170	-4	1

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

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

a. Rounds to less than 1 percent.

SOURCE: Instructional appropriations - *Governor's Executive Budget*, 1998-99 to 2002-03; data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1997 to 2002. FTE students - data provided by the individual universities, 1997 to 2002.



Table 13

TUITION AND FEE REVENUES, COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS AND STUDENT AID  
RELATED TO FULL-TIME EQUIVALENT STUDENTS<sup>1</sup>  
2001-02, CHANGE FROM 2000-01 AND FIVE-YEAR AVERAGE ANNUAL RATE OF CHANGE (1996-97 to 2001-02)

University	Per FTE student			Ratio of instructional appropriations to total instructional revenues			Student aid per FTE student <sup>2</sup>
	Tuition and fee revenues	Instructional appropriations	Total instructional revenues	Percentage	Percentage change One-year	Five-year average	
<b>State-related</b>							
Lincoln	\$7,470	\$5,660	\$13,130	43%	-14%	-2%	\$609
Penn State	8,690	3,390	12,080	28	-7	-2	684
Pittsburgh	9,850	4,830	14,680	33	-6	-2	693
Temple	9,990	5,730	15,720	36	-10	-4	569
Total	9,210	4,240	13,450	32	-6	-2	661
<b>State-owned</b>							
Bloomsburg	5,220	4,370	9,590	46	-4	-1	697
California	4,940	5,430	10,370	52	-4	-1	780
Cheyney	5,440	9,180	14,620	63	-3	-2	854
Clarion	4,980	5,330	10,310	52	-2	-1	832
East Stroudsburg	5,860	4,390	10,250	43	-2	a	545
Edinboro	5,200	4,740	9,940	48	-4	-1	784
Indiana	5,430	4,620	10,050	46	0	-1	820
Kutztown	5,390	4,430	9,820	45	-4	-2	595
Lock Haven	5,150	5,140	10,290	50	-6	-1	765
Mansfield	5,620	6,040	11,660	52	-4	-1	821
Millersville	5,330	4,740	10,070	47	0	-1	620
Shippensburg	5,270	4,980	10,250	49	-2	a	581
Slippery Rock	5,280	4,860	10,140	48	-4	-2	714
West Chester	5,700	4,110	9,810	42	0	-2	481
Total <sup>3</sup>	5,360	4,810	10,170	47	-4	-2	688
All universities <sup>3</sup>	7,600	4,480	12,080	37	-5	-2	672

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.

a. Rounds to less than 1 percent.

SOURCE: Tuition and fee revenues - data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1997 to 2002; instructional appropriations - *Governor's Executive Budget*, 1998-99 to 2002-03; data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1997 to 2002; FTE students - data provided by the individual universities, 1997 to 2002; student aid - data provided by the Pennsylvania Higher Education Assistance Agency, January 2003.

page 24 blank

## **II. HISTORICAL DATA**

---

page 26 blank

Historical Table 1

FULL-TIME EQUIVALENT STUDENTS BY ACADEMIC LEVEL<sup>1</sup>  
1996-97 to 2001-02

University	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
<b>State-related</b>						
Lincoln						
Total	1,865	2,064	2,075	2,028	1,875	1,843
Undergraduate	1,573	1,641	1,599	1,515	1,408	1,493
Graduate	292	423	476	513	467	350
Penn State						
Total	65,811	67,456	69,061	69,227	70,240	71,656
Undergraduate	59,317	61,110	62,808	62,954	63,787	64,865
Graduate	6,494	6,346	6,253	6,273	6,453	6,791
Pittsburgh						
Total	27,738	28,489	29,222	29,563	29,769	30,426
Undergraduate	19,929	20,457	21,336	21,756	21,983	22,787
Graduate	7,809	8,032	7,886	7,807	7,786	7,639
Temple						
Total	23,455	22,989	23,286	24,162	25,214	26,935
Undergraduate	16,939	16,643	16,326	16,908	18,051	19,440
Graduate	6,516	6,346	6,960	7,254	7,163	7,495
<b>State-owned</b>						
Bloomsburg						
Total	7,225	7,338	7,322	7,408	7,369	7,800
Undergraduate	6,793	6,902	6,851	6,924	6,843	7,269
Graduate	432	436	471	484	526	531
California						
Total	5,226	5,422	5,439	5,468	5,634	5,719
Undergraduate	4,473	4,654	4,646	4,735	4,788	4,848
Graduate	753	768	793	733	846	871
Cheyney						
Total	1,293	1,313	1,293	1,431	1,425	1,518
Undergraduate	1,079	1,025	969	987	1,045	1,251
Graduate	214	288	324	444	380	267
Clarion						
Total	5,605	5,695	5,680	5,803	5,911	6,031
Undergraduate	5,300	5,416	5,425	5,509	5,608	5,736
Graduate	305	279	255	294	303	295
East Stroudsburg						
Total	5,325	5,514	5,608	5,561	5,592	5,739
Undergraduate	4,704	4,857	4,912	4,881	4,844	4,984
Graduate	621	657	696	680	748	755
Edinboro						
Total	6,678	6,525	6,541	6,504	6,754	6,936
Undergraduate	6,258	6,132	6,138	6,092	6,300	6,456
Graduate	420	393	403	412	454	480
Indiana						
Total	12,859	12,954	12,997	12,680	13,019	13,155
Undergraduate	11,739	11,805	11,851	11,583	11,775	11,871
Graduate	1,120	1,149	1,146	1,097	1,244	1,284
Kutztown						
Total	6,791	6,892	6,933	7,162	7,203	7,484
Undergraduate	6,383	6,461	6,489	6,696	6,719	6,969
Graduate	408	431	444	466	484	515
Lock Haven						
Total	3,283	3,403	3,590	3,696	4,158	4,208
Undergraduate	3,223	3,300	3,472	3,529	4,004	3,991
Graduate	60	103	118	167	154	217
Mansfield						
Total	2,801	2,757	2,663	2,808	2,886	3,055
Undergraduate	2,653	2,620	2,556	2,700	2,757	2,884
Graduate	148	137	107	108	129	171
Millersville						
Total	6,842	6,944	6,877	6,866	7,089	7,345
Undergraduate	6,046	6,130	6,042	5,994	6,120	6,314
Graduate	796	814	835	872	969	1,031
Shippensburg						
Total	6,057	6,089	6,110	6,038	6,343	6,610
Undergraduate	5,519	5,561	5,580	5,556	5,844	6,105
Graduate	538	528	530	482	499	505
Slippery Rock						
Total	6,717	6,667	6,584	6,646	6,755	6,939
Undergraduate	6,130	6,066	5,946	6,024	6,180	6,374
Graduate	587	601	638	622	575	565
West Chester						
Total	9,724	10,055	10,417	10,771	11,097	11,250
Undergraduate	8,765	9,021	9,420	9,757	9,966	10,094
Graduate	959	1,034	997	1,014	1,131	1,156

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, 1997 to 2002.

Historical Table 2

STUDENT CREDIT HOURS BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
 TOTAL YEAR AND SUMMER 1996-97 to 2001-02  
 (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>											
1996-97	37	10	47	7	na	na	7	54	2	1	3
1997-98	38	11	49	10	na	na	10	59	2	1	3
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
<b>Penn State</b>											
1996-97	1,171	608	1,779	89	na	67	156	1,935	107	23	130
1997-98	1,160	673	1,833	85	na	67	152	1,985	108	23	131
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
<b>Pittsburgh</b>											
1996-97	403	195	598	123	43	22	188	786	47	34	81
1997-98	421	192	613	126	45	22	193	806	47	35	82
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
<b>Temple</b>											
1996-97	233	275	508	85	53	18	156	664	48	21	69
1997-98	223	276	499	83	52	17	152	651	47	21	68
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
<b>State-owned</b>											
<b>Bloomsburg</b>											
1996-97	146	58	204	10	na	na	10	214	16	4	20
1997-98	147	60	207	10	na	na	10	217	17	4	21
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
<b>California</b>											
1996-97	89	45	134	18	na	na	18	152	7	5	12
1997-98	95	45	140	18	na	na	18	158	7	5	12
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
<b>Cheyney</b>											
1996-97	23	9	32	5	na	na	5	37	1	1	2
1997-98	22	9	31	7	na	na	7	38	1	1	2
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
<b>Clarion</b>											
1996-97	115	44	159	7	na	na	7	166	9	2	11
1997-98	117	45	162	7	na	na	7	169	9	2	11
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
<b>East Stroudsburg</b>											
1996-97	100	41	141	15	na	na	15	156	12	6	18
1997-98	103	43	146	16	na	na	16	162	12	6	18
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

Edinboro											
1996-97	123	64	187	10	na	na	10	197	12	2	14
1997-98	121	63	184	9	na	na	9	193	12	2	14
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
Indiana											
1996-97	243	109	352	20	na	7	27	379	25	8	33
1997-98	244	110	354	21	na	7	28	382	26	8	34
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
Kutztown											
1996-97	125	66	191	10	na	na	10	201	7	3	10
1997-98	128	66	194	10	na	na	10	204	7	3	10
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
Lock Haven											
1996-97	67	30	97	1	na	na	1	98	5	a	5
1997-98	68	31	99	2	na	na	2	101	6	1	7
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
Mansfield											
1996-97	48	32	80	3	na	na	3	83	5	1	6
1997-98	48	31	79	3	na	na	3	82	5	1	6
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
Millersville											
1996-97	115	66	181	19	na	na	19	200	13	11	24
1997-98	116	68	184	19	na	na	19	203	13	11	24
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
Shippensburg											
1996-97	121	45	166	13	na	na	13	179	8	4	12
1997-98	119	48	167	13	na	na	13	180	7	4	11
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
Slippery Rock											
1996-97	128	56	184	9	na	5	14	198	13	3	16
1997-98	127	55	182	9	na	6	15	197	13	3	16
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
West Chester											
1996-97	174	89	263	23	na	na	23	286	20	6	26
1997-98	184	87	271	25	na	na	25	296	20	7	27
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

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, 1997 to 2002.

Historical Table 3

DEGREES CONFERRED<sup>1</sup>  
1996-97 to 2001-02

University	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
<b>State-related</b>						
Lincoln						
Total	328	318	364	501	423	401
Bachelor's	219	185	194	285	199	243
Graduate	109	133	170	216	224	158
Penn State						
Total	11,484	11,686	12,583	13,150	13,576	13,715
Bachelor's	8,993	9,059	10,044	10,585	11,065	11,046
Graduate	2,491	2,627	2,539	2,565	2,511	2,669
Pittsburgh						
Total	6,668	6,514	6,533	6,578	6,771	7,039
Bachelor's	3,962	3,854	3,784	3,915	4,219	4,412
Graduate	2,706	2,660	2,749	2,663	2,552	2,627
Temple						
Total	5,472	5,534	5,497	5,519	5,553	5,928
Bachelor's	3,070	3,212	3,135	3,164	3,249	3,363
Graduate	2,402	2,322	2,362	2,355	2,304	2,545
<b>State-owned</b>						
Bloomsburg						
Total	1,469	1,464	1,431	1,537	1,524	1,484
Bachelor's	1,231	1,239	1,196	1,316	1,296	1,245
Graduate	238	225	235	221	228	239
California						
Total	1,255	1,238	1,260	1,110	1,078	1,169
Bachelor's	906	921	929	809	821	914
Graduate	349	317	331	301	257	255
Cheyney						
Total	263	271	239	309	306	225
Bachelor's	147	178	137	143	123	129
Graduate	116	93	102	166	183	96
Clarion						
Total	1,004	1,010	925	1,041	1,103	1,105
Bachelor's	863	850	774	888	931	920
Graduate	141	160	151	153	172	185
East Stroudsburg						
Total	1,034	1,047	1,038	1,128	1,034	1,110
Bachelor's	788	821	799	902	775	838
Graduate	246	226	239	226	259	272
Edinboro						
Total	1,298	1,251	1,142	1,283	1,160	1,268
Bachelor's	1,094	1,066	1,010	1,138	1,014	1,055
Graduate	204	185	132	145	146	213
Indiana						
Total	2,446	2,604	2,604	2,713	2,633	2,545
Bachelor's	1,956	2,060	2,063	2,119	2,114	2,008
Graduate	490	544	541	594	519	537
Kutztown						
Total	1,362	1,313	1,366	1,504	1,391	1,539
Bachelor's	1,147	1,111	1,138	1,237	1,140	1,315
Graduate	215	202	228	267	251	224
Lock Haven						
Total	586	582	656	657	684	669
Bachelor's	583	557	631	621	639	615
Graduate	3	25	25	36	45	54
Mansfield						
Total	581	540	543	539	517	535
Bachelor's	490	456	458	478	465	494
Graduate	91	84	85	61	52	41
Millersville						
Total	1,398	1,439	1,451	1,383	1,390	1,344
Bachelor's	1,219	1,257	1,268	1,212	1,214	1,139
Graduate	179	182	183	171	176	205
Shippensburg						
Total	1,471	1,383	1,492	1,410	1,426	1,480
Bachelor's	1,161	1,070	1,183	1,144	1,133	1,194
Graduate	310	313	309	266	293	286
Slippery Rock						
Total	1,366	1,256	1,342	1,245	1,231	1,373
Bachelor's	1,153	1,095	1,145	1,062	1,046	1,158
Graduate	213	161	197	183	185	215
West Chester						
Total	1,841	1,903	1,990	2,150	2,117	2,290
Bachelor's	1,489	1,509	1,559	1,731	1,691	1,797
Graduate	352	394	431	419	426	493

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, 1997 to 2002.



Historical Table 4

NUMBER AND AVERAGE WEEKLY STUDENT CONTACT HOURS OF FULL-TIME EMPLOYED FACULTY BY ACADEMIC LEVEL<sup>1</sup>  
FALL 1996 to FALL 2001

University	Full-time employed faculty <sup>2</sup>						Undergraduate average weekly student contact hours						Graduate average weekly student contact hours					
	1996	1997	1998	1999	2000	2001	1996	1997	1998	1999	2000	2001	1996	1997	1998	1999	2000	2001
	<hr/>																	
State-related																		
Lincoln	86	94	93	93	96	108	10.3	10.4	10.7	11.6	11.5	12.2	.9	.9	.9	0.7	0.8	0.6
Penn State	3,026	2,975	3,096	3,178	3,315	3,389	6.7	6.8	6.4	6.6	6.6	6.5	1.8	1.7	1.7	1.7	1.6	1.6
Pittsburgh	1,733	1,780	1,782	1,731	1,780	1,867	4.4	4.4	4.5	4.4	4.2	4.4	4.0	3.8	3.7	3.7	3.5	3.4
Temple	1,078	1,033	1,025	1,045	1,099	1,109	5.6	5.4	5.5	5.6	5.7	5.5	3.9	3.7	4.1	3.9	3.6	3.5
Total	5,923	5,882	5,996	6,047	6,290	6,473	5.9	5.9	5.7	5.9	5.8	5.8	2.8	2.6	2.7	2.6	2.5	2.4
State-owned																		
Bloomsburg	368	372	370	360	363	373	11.3	11.2	11.0	11.2	11.0	11.0	.8	.8	.9	0.9	1.0	1.0
California	259	257	267	261	260	239	10.0	10.5	10.0	10.1	9.7	8.8	1.6	1.7	1.7	1.5	1.8	1.3
Cheyney <sup>3</sup>	91	87	87	90	79	78	11.0	11.0	11.0	11.1	10.2	10.2	1.0	1.0	1.0	1.5	1.7	1.1
Clarion	340	339	339	324	337	340	10.9	10.5	11.1	10.8	10.8	10.8	.8	.8	.8	0.9	0.7	0.6
East Stroudsburg	251	246	250	256	259	260	10.9	11.2	11.0	10.7	10.7	10.5	1.1	1.1	1.2	1.1	1.1	1.3
Edinboro	380	345	336	341	346	347	12.8	13.2	13.1	12.2	12.4	11.9	.9	1.0	1.0	1.2	1.3	1.8
Indiana	720	726	743	721	745	756	10.2	10.1	10.0	10.1	9.9	9.6	1.2	1.1	1.4	1.3	1.3	1.5
Kutztown	373	364	372	380	377	377	11.0	11.3	11.3	11.3	11.2	11.2	.5	.6	.6	0.6	0.6	0.7
Lock Haven	185	197	199	206	225	233	10.9	11.1	11.5	11.9	11.8	10.9	.1	.1	.2	0.2	0.2	0.6
Mansfield	167	161	150	149	165	166	10.6	11.1	11.0	11.2	10.9	8.8	.4	.1	.6	0.7	0.4	0.3
Millersville	328	324	313	317	312	312	10.1	10.6	10.6	10.6	10.4	10.7	.8	.7	.8	0.9	0.9	0.8
Shippensburg	308	299	288	288	287	286	10.2	9.8	9.7	10.2	9.7	9.6	.9	1.0	.9	0.8	0.9	0.9
Slippery Rock	369	371	362	359	353	359	9.9	9.4	9.7	10.0	9.8	10.2	.8	.8	.8	0.9	0.9	0.9
West Chester	530	543	558	566	580	579	10.6	10.3	10.4	10.1	10.2	9.8	1.5	1.5	1.6	1.6	1.4	1.7
Total	4,669	4,631	4,634	4,618	4,688	4,705	10.7	10.7	10.7	10.7	10.5	10.3	.9	.9	1.0	1.0	1.1	1.1
All universities	10,592	10,513	10,630	10,665	10,978	11,178	7.9	7.9	7.9	7.9	7.8	7.6	2.0	1.9	2.0	2.0	1.9	1.9

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, 1997 to 2002.

Historical Table 5

NUMBER AND AVERAGE INSTRUCTIONAL SALARIES OF FULL-TIME EQUIVALENT INSTRUCTIONAL FACULTY BY RANK<sup>1</sup>  
 1996-97 to 2001-02  
 (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>								
1996-97	121	\$33.2	\$51.8	\$42.2	\$31.0	\$26.1	\$24.3	
1997-98	135	32.4	54.1	39.8	29.8	21.7	24.6	
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	
<b>Penn State</b>								
1996-97	3,557	45.5	76.4	53.8	43.8	31.2	30.0	
1997-98	3,654	48.1	83.6	56.7	46.3	33.3	31.0	
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	
<b>Pittsburgh</b>								
1996-97	1,855	44.9	71.7	49.6	38.4	25.6	32.2	
1997-98	1,833	47.8	75.0	52.0	41.0	28.5	33.7	
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	
<b>Temple</b>								
1996-97	1,426	46.0	71.3	54.9	39.3	21.4	21.9	
1997-98	1,365	47.1	72.0	56.1	41.0	22.6	20.5	
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	
<b>State-owned</b>								
<b>Bloomsburg</b>								
1996-97	397	51.7	65.1	53.7	43.1	31.8	na	
1997-98	405	52.7	67.7	54.7	42.5	31.7	na	
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	
<b>California</b>								
1996-97	272	54.0	66.8	53.8	43.3	22.0	49.0	
1997-98	279	53.4	66.8	54.8	44.8	26.6	45.5	
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	b	b	b	b	b	b	b	
2001-02	259	65.9	80.5	65.4	57.4	45.3	49.4	
<b>Cheyney</b>								
1996-97	99	50.0	64.2	50.6	41.1	33.8	0	
1997-98	103	51.0	63.4	54.0	45.3	33.6	na	
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	
<b>Clarion</b>								
1996-97	327	53.0	69.2	55.5	42.6	31.0	na	
1997-98	326	53.9	69.4	58.0	42.6	31.8	na	
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	
<b>East Stroudsburg</b>								
1996-97 <sup>a</sup>	266	56.6	70.4	58.1	46.2	25.3	na	
1997-98	277	55.4	68.8	59.6	44.2	25.1	na	
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	

Edinboro								
1996-97	393	51.8	67.2	54.3	43.5	36.6	na	
1997-98	387	53.1	68.9	55.6	45.2	34.1	na	
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	
Indiana								
1996-97	729	54.0	67.2	54.7	43.0	32.5	32.9	
1997-98	742	54.4	71.2	56.4	44.0	29.5	29.5	
1998-99	763	52.1	67.5	54.1	41.2	31.8	28.2	
1999-00	834	49.1	60.0	50.1	41.7	32.9	30.8	
2000-01	811	53.1	66.5	53.4	43.8	34.8	38.5	
2001-02	828	55.6	63.9	53.3	49.5	46.7	55.3	
Kutztown								
1996-97	368	54.6	71.1	55.9	43.2	31.4	84.6	
1997-98	374	55.0	72.0	57.9	44.0	32.1	112.8	
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	
Lock Haven								
1996-97	185	51.5	68.4	57.5	44.2	31.2	37.8	
1997-98	194	50.0	74.0	55.8	44.8	27.9	na	
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	
Mansfield								
1996-97	175	54.8	70.7	55.3	45.2	30.9	na	
1997-98	171	51.7	68.5	51.1	41.7	28.1	na	
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	221	48.9	77.7	59.2	46.0	16.5	na	
Millersville								
1996-97	397	52.2	66.5	54.2	41.3	29.8	na	
1997-98	406	52.7	67.4	55.5	42.4	29.8	na	
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	
Shippensburg								
1996-97	308	56.8	69.7	57.1	44.6	33.4	na	
1997-98	308	56.2	71.6	58.5	43.8	25.6	0	
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	
Slippery Rock								
1996-97	360	56.5	70.3	57.7	45.5	36.7	na	
1997-98	358	57.1	68.8	60.6	47.1	38.9	0	
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	
West Chester								
1996-97	575	49.4	67.0	55.0	43.8	29.7	35.5	
1997-98	591	49.9	68.0	55.8	45.4	29.7	33.0	
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	

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. FTE instructional faculty and average instructional salaries reflect a correction in the computational method used for determining full-time equivalent instructional faculty.

b. There was a processing error in 1999-00.

na. Not applicable.

SOURCE: Data provided by the individual universities, 1997 to 2002.

Historical Table 6

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER FULL-TIME EQUIVALENT STUDENT BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
1996-97 to 2001-02

University	Lower division						Upper division						Total undergraduate						Master's					
	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
State-related																								
Lincoln	\$1,773	\$1,773	\$2,098	\$2,133	\$2,161	\$2,782	\$3,865	\$3,738	\$3,381	\$3,376	\$3,594	\$4,481	\$2,214	\$2,205	\$2,395	\$2,475	\$2,547	\$3,244	\$1,857	\$1,767	\$1,820	\$1,787	\$1,861	\$2,173
Penn State	1,456	1,519	1,590	1,759	1,772	1,816	2,731	2,816	2,947	3,056	3,120	3,358	1,892	1,995	2,107	2,272	2,296	2,405	4,532	5,048	4,888	5,281	4,904	5,949
Pittsburgh	1,686	1,724	1,628	1,580	1,630	1,726	3,124	3,359	3,109	3,206	3,256	3,570	2,154	2,237	2,093	2,090	2,154	2,310	5,126	5,287	5,229	5,320	5,526	6,135
Temple	1,906	1,939	2,002	1,998	2,078	2,124	2,605	2,603	2,759	2,924	3,064	3,097	2,284	2,307	2,427	2,502	2,593	2,634	3,347	3,280	3,666	3,757	4,056	3,891
Total	1,569	1,622	1,655	1,751	1,785	1,852	2,780	2,864	2,931	3,051	3,130	3,338	2,019	2,100	2,157	2,272	2,318	2,435	4,379	4,556	4,563	4,718	4,787	5,312
State-owned																								
Bloomsburg	2,215	2,221	2,284	2,369	2,325	2,358	4,120	4,226	4,162	4,261	4,464	4,488	2,754	2,798	2,834	2,945	2,937	2,937	4,227	4,688	4,283	4,519	4,414	4,414
California	2,235	2,207	2,199	2,242	2,139	2,305	3,571	3,626	3,979	3,875	3,576	3,856	2,685	2,660	2,768	2,755	2,601	2,809	3,613	3,312	3,835	4,164	3,633	3,969
Cheyney	3,382	3,674	nd	4,283	4,094	4,353	5,285	6,165	nd	6,246	6,215	5,794	3,941	4,388	nd	4,806	4,624	4,711	3,319	2,659	nd	2,058	2,436	3,671
Clarion	2,276	2,259	2,386	2,215	2,306	2,461	4,761	4,769	4,846	4,789	4,809	5,146	2,966	2,961	3,054	2,939	2,992	3,224	5,003	5,496	5,374	4,914	5,272	5,388
East Stroudsburg	2,254	2,300	2,344	2,377	2,498	2,536	4,241	3,972	4,188	4,257	4,574	4,478	2,835	2,789	2,899	2,951	3,122	3,132	2,755	2,729	2,589	2,966	3,006	3,673
Edinboro	2,361	2,453	2,556	2,546	2,513	2,636	3,990	4,176	4,196	4,657	4,764	4,949	2,920	3,044	3,121	3,275	3,249	3,385	4,776	4,822	5,004	5,400	5,339	5,729
Indiana	2,015	2,062	2,032	2,140	2,265	2,439	4,419	4,535	4,422	4,680	4,762	4,806	2,763	2,832	2,786	2,955	3,020	3,162	6,160	6,023	5,963	6,190	5,772	5,961
Kutztown	2,017	2,056	2,081	2,111	2,067	2,163	4,508	4,566	4,616	4,782	4,694	4,761	2,876	2,910	2,951	3,008	2,950	3,034	4,302	4,096	4,129	4,096	4,216	4,250
Lock Haven	2,320	2,049	2,144	2,349	2,454	2,180	3,915	4,638	3,762	4,136	3,969	4,545	2,814	2,847	2,681	2,873	2,916	2,870	6,311	2,496	3,228	4,095	3,754	4,795
Mansfield	2,235	2,170	2,520	2,632	2,921	2,558	5,004	4,717	5,011	4,781	5,917	5,433	3,338	3,158	3,490	3,474	4,061	3,626	4,508	4,005	3,637	4,015	4,304	1,892
Millersville	2,695	2,776	2,841	2,907	2,893	2,992	3,633	3,661	3,766	4,161	4,091	4,382	3,036	3,103	3,175	3,355	3,299	3,440	2,947	2,853	3,138	2,684	2,960	2,735
Shippensburg	2,353	2,263	2,290	2,333	2,298	2,546	3,937	3,984	3,788	3,888	3,929	4,235	2,784	2,758	2,738	2,791	2,769	3,029	3,956	3,759	3,817	4,328	4,630	4,737
Slippery Rock <sup>2</sup>	2,478	2,482	2,499	2,462	2,514	2,607	4,199	4,359	4,418	4,282	4,484	4,661	2,998	3,044	3,068	2,999	3,075	3,189	3,341	4,746	4,653	4,933	4,985	5,102
West Chester	2,349	2,291	2,314	2,322	2,384	2,485	3,660	3,872	3,864	3,844	3,908	4,066	2,793	2,799	2,808	2,820	2,879	3,006	4,128	4,119	4,260	4,528	4,307	4,559
Total <sup>3</sup>	2,290	2,289	2,310	2,375	2,404	2,581	4,139	4,241	4,207	4,356	4,431	4,697	2,879	2,907	2,914	3,006	3,031	3,236	4,074	4,039	4,156	4,195	4,170	4,507
All universities <sup>3</sup>	1,906	1,936	1,960	2,045	2,078	2,161	3,337	3,411	3,424	3,553	3,625	3,810	2,403	2,459	2,488	2,595	2,632	2,747	4,270	4,370	4,415	4,521	4,540	4,938

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. The master's level includes the doctor's level prior to 1997-98.

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

nd. No data.

SOURCE: Data provided by the individual universities, 1997 to 2002

Historical Table 7

AVERAGE INSTRUCTIONAL FACULTY SALARY COST PER STUDENT CREDIT HOUR BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
1996-97 to 2001-02

University	Lower division						Upper division						Total undergraduate						Master's					
	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
State-related																								
Lincoln	\$59	\$59	\$70	\$71	\$72	\$93	\$129	\$125	\$113	\$113	\$120	\$149	\$74	\$74	\$80	\$83	\$85	\$108	\$77	\$74	\$76	\$74	\$78	\$91
Penn State	49	51	53	59	59	61	91	94	98	102	104	112	63	66	70	76	77	80	189	210	204	220	204	248
Pittsburgh	56	57	54	53	54	58	104	112	104	107	109	119	72	75	70	70	72	77	214	220	218	222	230	256
Temple	64	65	67	67	69	71	87	87	92	97	102	103	76	77	81	83	86	88	139	137	153	157	169	162
Total	52	54	55	58	60	62	93	95	98	102	104	111	67	70	72	76	77	81	182	190	190	197	199	221
State-owned																								
Bloomsburg	74	74	76	79	78	79	137	141	139	142	149	150	92	93	94	98	98	98	176	195	178	188	184	184
California	74	74	73	75	71	77	119	121	133	129	119	129	90	89	92	92	87	94	151	138	160	174	151	165
Cheyney	113	122	nd	143	136	145	176	206	nd	208	207	193	131	146	nd	160	154	157	138	111	nd	86	102	153
Clarion	76	75	80	74	77	82	159	159	162	160	160	172	99	99	102	98	100	107	208	229	224	205	220	225
East Stroudsburg	75	77	78	79	83	85	141	132	140	142	152	149	94	93	97	98	104	104	115	114	108	124	125	153
Edinboro	79	82	85	85	84	88	133	139	140	155	159	165	97	101	104	109	108	113	199	201	209	225	222	239
Indiana	67	69	68	71	76	81	147	151	147	156	159	160	92	94	93	99	101	105	257	251	248	258	241	248
Kutztown	67	69	69	70	69	72	150	152	154	159	156	159	96	97	98	100	98	101	179	171	172	171	176	177
Lock Haven	77	68	71	78	82	73	130	155	125	138	132	152	94	95	89	96	97	96	263	104	135	171	156	200
Mansfield	74	72	84	88	97	85	167	157	167	159	197	181	111	105	116	116	135	121	188	167	152	167	179	79
Millersville	90	93	95	97	96	100	121	122	126	139	136	146	101	103	106	112	110	115	123	119	131	112	123	114
Shippensburg	78	75	76	78	77	85	131	133	126	130	131	141	93	92	91	93	92	101	165	157	159	180	193	197
Slippery Rock <sup>2</sup>	83	83	83	82	84	87	140	145	147	143	149	155	100	101	102	100	103	106	139	198	194	206	208	213
West Chester	78	76	77	77	79	83	122	129	129	128	130	136	93	93	94	94	96	100	172	172	178	189	179	190
Total <sup>3</sup>	76	76	77	79	80	86	138	141	140	145	148	157	96	97	97	100	101	108	170	168	173	175	174	188
All universities <sup>3</sup>	64	65	65	68	69	72	111	114	114	118	121	127	80	82	83	87	88	92	178	182	184	188	189	206

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. The master's level includes the doctor's level prior to 1997-98.

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

nd. No data.

SOURCE: Data provided by the individual universities, 1997 to 2002

Historical Table 8

AVERAGE CLASS SIZES IN CLASSROOM INSTRUCTION BY ACADEMIC DIVISION AND LEVEL<sup>1</sup>  
1996-97 to 2001-02

University	Lower division						Upper division						Total undergraduate						Master's					
	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
<b>State-related</b>																								
Lincoln	23	22	20	20	20	21	12	12	13	13	13	13	19	19	18	18	17	18	15	15	14	14	14	14
Penn State	30	31	31	29	29	30	26	27	27	27	26	26	29	29	29	28	28	28	14	14	15	14	15	14
Pittsburgh	29	30	31	31	31	31	23	22	23	23	24	24	27	27	28	28	28	28	18	18	17	17	17	16
Temple	26	26	25	26	27	27	22	22	22	22	22	22	24	24	24	23	24	24	15	14	14	14	14	14
<b>Total</b>	29	29	30	29	29	29	24	24	25	25	24	24	27	27	28	27	27	27	16	16	15	15	15	15
<b>State-owned</b>																								
Bloomsburg <sup>2</sup>	23	24	27	27	28	29	15	15	19	19	18	18	20	20	24	24	24	25	11	9	12	12	12	12
California	30	29	29	29	28	28	17	17	16	17	17	16	24	24	23	24	23	23	13	14	12	11	12	11
Cheyney	18	17	nd	19	21	22	11	11	nd	12	14	17	15	15	nd	17	18	20	12	16	nd	19	18	15
Clarion	33	33	33	34	35	34	15	14	15	15	15	14	25	24	25	25	26	24	11	10	11	11	11	10
East Stroudsburg	29	29	28	28	27	27	18	19	18	18	17	18	24	25	24	24	23	24	16	16	17	16	17	12
Edinboro	25	25	24	26	27	27	17	17	17	18	18	19	22	22	21	23	23	24	9	9	9	9	9	10
Indiana	28	28	29	28	31	31	14	13	13	14	15	15	21	21	21	21	23	24	8	8	8	8	11	11
Kutztown	30	29	29	30	31	31	15	16	16	15	16	17	23	22	22	23	24	24	13	13	14	14	14	13
Lock Haven <sup>3</sup>	30	30	29	29	29	32	22	18	21	18	18	19	27	25	26	25	25	27	8	9	12	14	14	12
Mansfield <sup>2</sup>	26	26	28	26	24	26	8	9	17	17	14	16	14	15	23	22	19	21	7	8	12	14	15	18
Millersville	25	25	25	25	25	27	20	20	20	19	18	20	23	23	23	23	22	24	16	17	15	18	17	18
Shippensburg	28	29	29	29	30	30	20	21	22	21	22	22	25	26	27	26	27	28	15	14	14	13	14	14
Slippery Rock	31	31	31	31	31	31	16	16	15	16	16	16	24	24	24	25	24	24	12	12	13	11	11	12
West Chester	24	24	24	25	24	25	14	14	14	15	14	15	20	20	20	20	20	20	11	11	11	11	11	11
<b>Total<sup>4</sup></b>	27	27	28	28	28	29	15	15	16	16	16	17	22	22	23	23	23	24	12	12	12	12	13	12
<b>All universities<sup>4</sup></b>	28	28	29	28	29	29	19	19	20	20	20	21	24	24	25	25	25	26	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. Adjustments made to classroom course (assigned) credits in 1998-99.  
 3. 1999-00 data repeated for 2000-01.  
 4. No data for Cheyney University for 1998-99.  
 nd. No data.

SOURCE: Data provided by the individual universities, 1997 to 2002

Historical Table 9

COMMONWEALTH INSTRUCTIONAL APPROPRIATIONS<sup>1</sup>  
1996-97 to 2001-02  
(in millions)

University	1996- 97	1997- 98 <sup>a</sup>	1998- 99	1999- 00	2000- 01	2001- 02
<b>State-related</b>						
Lincoln	\$9.8	\$10.0	\$11.0	\$11.4	\$12.9	\$10.4
Penn State	214.7	219.0	229.0	236.2	243.3	243.1
Pittsburgh	132.2	134.9	140.8	149.5	149.8	147.0
Temple	139.0	141.8	147.9	152.3	157.2	154.2
<b>Total</b>	<b>495.7</b>	<b>505.7</b>	<b>528.7</b>	<b>549.4</b>	<b>563.2</b>	<b>554.7</b>
<b>State-owned</b>						
Bloomsburg	29.8	30.5	31.7	32.6	34.3	34.1
California	27.5	27.9	29.0	29.8	31.2	31.0
Cheyney	13.0	13.2	13.8	14.6	14.4	13.9
Clarion	28.3	28.7	29.9	30.8	32.7	32.1
East Stroudsburg	20.3	21.1	23.0	23.9	25.2	25.2
Edinboro	28.9	29.7	31.3	31.9	32.8	32.9
Indiana	56.5	57.2	58.7	58.8	60.5	60.7
Kutztown	28.7	29.3	30.5	31.5	33.6	33.2
Lock Haven	16.8	17.5	18.9	20.0	21.2	21.6
Mansfield	16.1	16.6	17.7	18.6	18.6	18.5
Millersville	30.9	31.3	32.4	32.8	34.7	34.8
Shippensburg	26.6	27.3	29.0	30.8	32.3	32.9
Slippery Rock	30.7	31.5	32.5	32.9	34.5	33.7
West Chester	38.6	39.1	40.5	43.8	46.2	46.3
<b>Total<sup>2</sup></b>	<b>392.7</b>	<b>400.9</b>	<b>418.9</b>	<b>432.8</b>	<b>452.2</b>	<b>450.9</b>
<b>All universities<sup>2</sup></b>	<b>888.4</b>	<b>906.6</b>	<b>947.6</b>	<b>982.2</b>	<b>1,015.4</b>	<b>1,005.6</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.

a. Excludes funding for Special Projects.

SOURCE: *Governor's Executive Budget*, 1998-99 to 2002-03; data provided by the individual State-related universities and the State System of Higher Education, Commonwealth of Pennsylvania, 1997 to 2002.

Historical Table 10

ACADEMIC YEAR TUITION AND REQUIRED FEES FOR FULL-TIME STUDENTS  
BY ACADEMIC LEVEL AND RESIDENCE  
1996-97 to 2001-02

University	Undergraduate		Graduate <sup>1</sup>	
	In-State	Out-of-State	In-State	Out-of-State
<b>State-related</b>				
<b>Lincoln</b>				
1996-97	\$4,180	\$6,490	\$5,580	\$8,940
1997-98	4,392	6,910	5,576	9,188
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
<b>Penn State</b>				
<b>Main Campus</b>				
1996-97	5,624	11,964	6,268	12,706
1997-98	5,832	12,406	6,502	13,180
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
<b>Pittsburgh</b>				
<b>Main Campus</b>				
1996-97	5,870	12,230	7,770	15,440
1997-98	6,164	12,928	8,154	16,318
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
<b>Temple</b>				
1996-97	5,828	10,712	7,088	9,800
1997-98	6,150	11,032	7,672	10,576
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
<b>State-owned</b>				
<b>Bloomsburg</b>				
1996-97	4,162	9,360	4,020	6,706
1997-98	4,278	9,634	4,133	6,901
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
<b>California</b>				
1996-97	4,304	9,502	4,206	6,892
1997-98	4,475	9,831	4,377	7,145
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
<b>Cheyney</b>				
1996-97	3,922	9,120	3,748	6,434
1997-98	4,023	9,379	3,850	6,618
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
<b>Clarion</b>				
1996-97	4,268	9,466	4,144	6,830
1997-98	4,378	9,734	4,278	7,046
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
<b>East Stroudsburg</b>				
1996-97	4,195	9,393	4,041	6,727
1997-98	4,322	9,678	4,166	6,934
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



Edinboro				
1996-97	4,083	9,281	4,081	6,763
1997-98	4,193	9,549	4,366	7,134
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
Indiana				
1996-97	4,064	9,262	3,956	6,642
1997-98	4,204	9,560	4,093	6,861
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
Kutztown				
1996-97	4,138	9,336	3,968	6,654
1997-98	4,219	9,575	4,089	6,857
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
Lock Haven				
1996-97	3,988	9,186	3,988	6,674
1997-98	4,062	9,418	4,062	6,830
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
Mansfield				
1996-97	4,034	9,232	3,834	6,520
1997-98	4,354	9,710	3,944	6,712
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
Millersville				
1996-97	4,268	9,466	4,268	6,954
1997-98	4,400	9,756	4,400	7,168
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
Shippensburg				
1996-97	4,230	9,428	4,030	6,716
1997-98	4,344	9,700	4,144	6,912
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
Slippery Rock				
1996-97	4,179	9,377	4,179	6,748
1997-98	4,302	9,658	4,475	7,243
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
West Chester				
1996-97	4,032	9,230	3,914	6,600
1997-98	4,162	9,518	4,044	6,812
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

1. Excludes first-professional level.

SOURCE: Pennsylvania Department of Education, *Colleges and Universities-Education Digest*, 1996-97 to 2001-02.

page 40 blank

## APPENDIX: MODEL OF FTE SALARY COST DETERMINATION

---

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

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

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 xiii).