

DOCUMENT RESUME

ED 430 449

HE 032 040

TITLE Higher Education Enrollment Statistics and Projections:  
1999-2001 Biennium.

INSTITUTION Washington State Office of Financial Management, Olympia.

PUB DATE 1999-03-00

NOTE 138p.; For the previous edition, see ED 398 838.

AVAILABLE FROM Washington State Office of Financial Management, Insurance  
Building, P.O. Box 43113, Olympia, WA 98504-3113; Tel:  
360-902-0599; Web site: <http://www.wa.gov/ofm/>

PUB TYPE Numerical/Quantitative Data (110)

EDRS PRICE MF01/PC06 Plus Postage.

DESCRIPTORS College Attendance; Community Colleges; Data Analysis;  
Enrollment; \*Enrollment Projections; \*Enrollment Trends;  
Full Time Equivalency; Geographic Distribution; \*Higher  
Education; \*Private Colleges; \*Public Colleges; State  
Colleges; State Universities; Statistical Data; Student  
Characteristics; Tables (Data); Two Year Colleges

IDENTIFIERS \*Washington

ABSTRACT

This document consists of tables and figures detailing the status of and projections for public and private institutions of higher education in the state of Washington. Following a brief introduction, Chapter 1 identifies highlights of the report, including: entrance eligibility for public institutions; Washington state higher education enrollment trends, 1980-1997; public four-year universities/colleges; private four-year universities/colleges; degrees awarded; and degree production. Chapter 2 presents data on student characteristics, including age and gender, credit hours enrolled, resident/nonresident status, geographic characteristics, class status and retention, and student flow. Chapter 3 provides data on actual and budgeted full-time equivalents of Washington state two-year and four-year public institutions. Chapter 4 provides baseline fall enrollment projections, 1999-2000 to 2020-2021. Chapter 5 reports on the Applications Match Study 1996-97 follow-up, and fall 1997. This study of unmet demand attempted to obtain an unduplicated count of qualified individuals applying to Washington state institutions who were not served by the state system. Chapter 6 presents Washington state enrollment participation rates by county. Finally, Chapter 7 provides national data for comparison, including state education attainment (1990) and state participation rates. Appendices provide additional historical and current enrollment statistics and supporting and miscellaneous enrollment projection data. (DB)

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1999-2001 BIENNIUM

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OFFICE OF FINANCIAL MANAGEMENT

STATE OF WASHINGTON

# HIGHER EDUCATION ENROLLMENT STATISTICS AND PROJECTIONS

1999-2001 BIENNIUM

FORECASTING DIVISION

MARCH 1999

4

# HIGHER EDUCATION ENROLLMENT STATISTICS AND PROJECTIONS

## 1999-2001 BIENNIUM

MARCH 1999

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## Introduction

**H**IGHER EDUCATION ENROLLMENT STATISTICS AND PROJECTIONS is published biennially by the Forecasting Division of the Office of Financial Management (OFM). The present publication is the most recent edition to the series of biennial documents that report on the status of higher education enrollments.

Higher education budgets, faculty and staff levels, and workload are directly related to the number of students enrolled. Reliable enrollment statistics and projections are needed to help plan for the future. This publication examines the Washington higher education system from an aggregate as well as an individual school perspective. The main purposes are to present:

- A statistical overview of the entire Washington higher education system,
- Selected enrolled student characteristics,
- Actual and budgeted enrollment data,
- Enrollment projections based on current participation rates, and Senate Bill 5781 passed in the 1993 Legislative Session,
- A perspective on demand for higher education and unmet need, and
- County enrollment participation and state enrollment participation compared to other states.

OFM will publish individual school enrollment highlights as a supplement to this document. The supplement issue will include materials received from the respective schools on the following subjects:

- University/College Characteristics,
- Access,
- Service Level and Student Flow,
- Off Campus Programs, and
- Institutional Goals or Objectives.

The main sources of enrollment data included in this document are from:

- State Board for Community and Technical Colleges (SBCTC), Management Information System (MIS), and
- Higher Education Enrollment Reports (HEER) from each four-year public institution and branch campuses.

Additional data were provided by individual institutional admissions, registrar, and research offices of all public and private four-year institutions and vocational-technical institutes, the

Higher Education Coordinating Board (HECB), the National Center for Education Statistics (NCES), the U.S. Census Bureau, and the OFM Forecasting Division.



## Chapter 1

# Washington Higher Education Enrollment Highlights

**W**ASHINGTON'S PUBLIC HIGHER EDUCATION SYSTEM consists of 27 community colleges, five technical colleges, six four-year universities/colleges, five branch campuses, and one evening degree program.

The six, four-year universities/colleges are located in Seattle, Pullman, Ellensburg, Cheney, Olympia, and Bellingham. Branch campuses, and an evening program have been established in Bothell, Tacoma, Spokane, Richland, Vancouver, and Seattle. The community and technical college system provides access to every major city in the state. Locations are shown in Figure 1-1.

There are 22 private higher education institutions that participated in the Integrated Postsecondary Education Data System (IPEDS) by submitting various IPEDS reports to the Higher Education Coordinating Board (HECB). Eleven institutions are located in King County; three institutions in Pierce County; two institutions each in Spokane and Walla Walla Counties; and one institution each in Kitsap, Snohomish, Thurston, and Yakima Counties. Locations are shown in Figure 1-2.

### **Entrance Eligibility to Public Institutions**

In general, any individual is eligible to attend any of the 27 public community and five technical colleges upon payment of tuition. Individuals participate at community and technical colleges on a first come, first served basis.

Any individual is eligible to apply to any of the six public four-year universities/colleges and branch campuses/education centers. To attend, individuals must first meet the specific admission standards of the institution to which they have applied and, in most cases, are then served on a first come, first served basis. Each school maintains its own application deadlines and operates its own admissions procedures (see Appendix B-1). A practice of "pooling" is used to make admissions determinations after the preset application deadline. A "rolling" admission practice is also used to screen applications as they are submitted. All four-year universities/colleges maintain other admission procedures for special cases.

Figure 1-1  
Public Higher Education Institutions

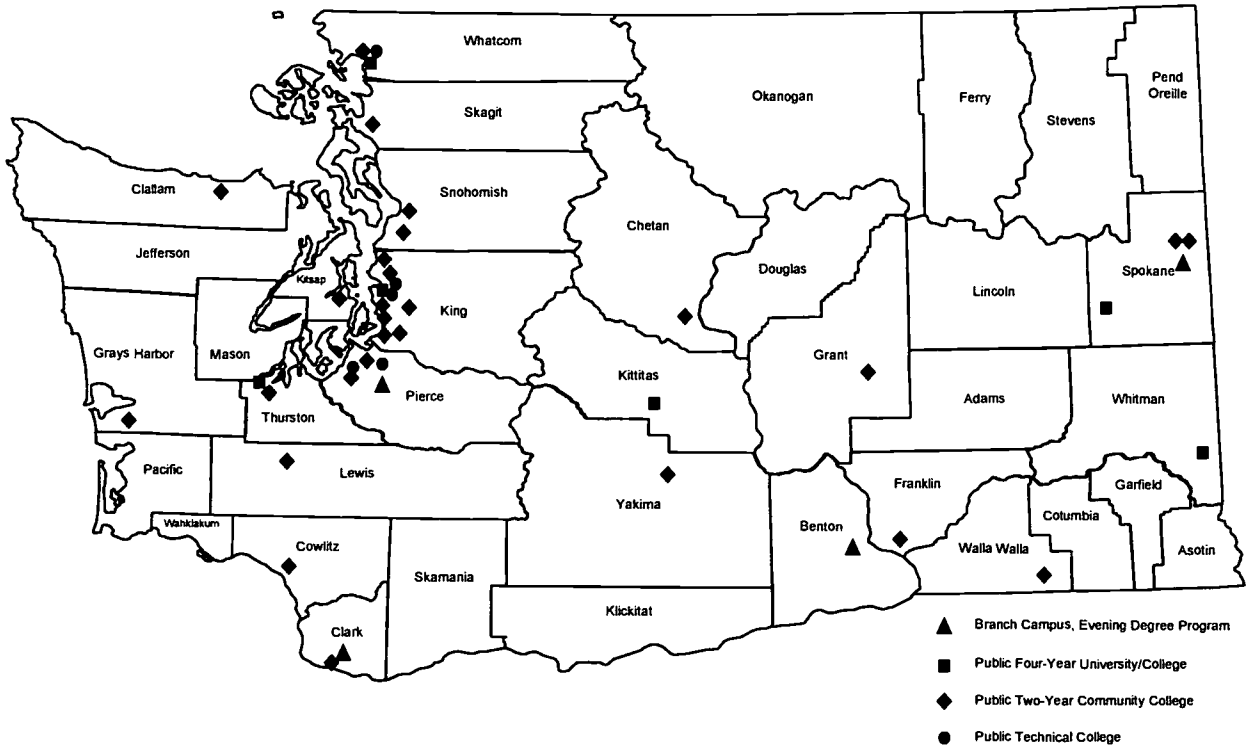
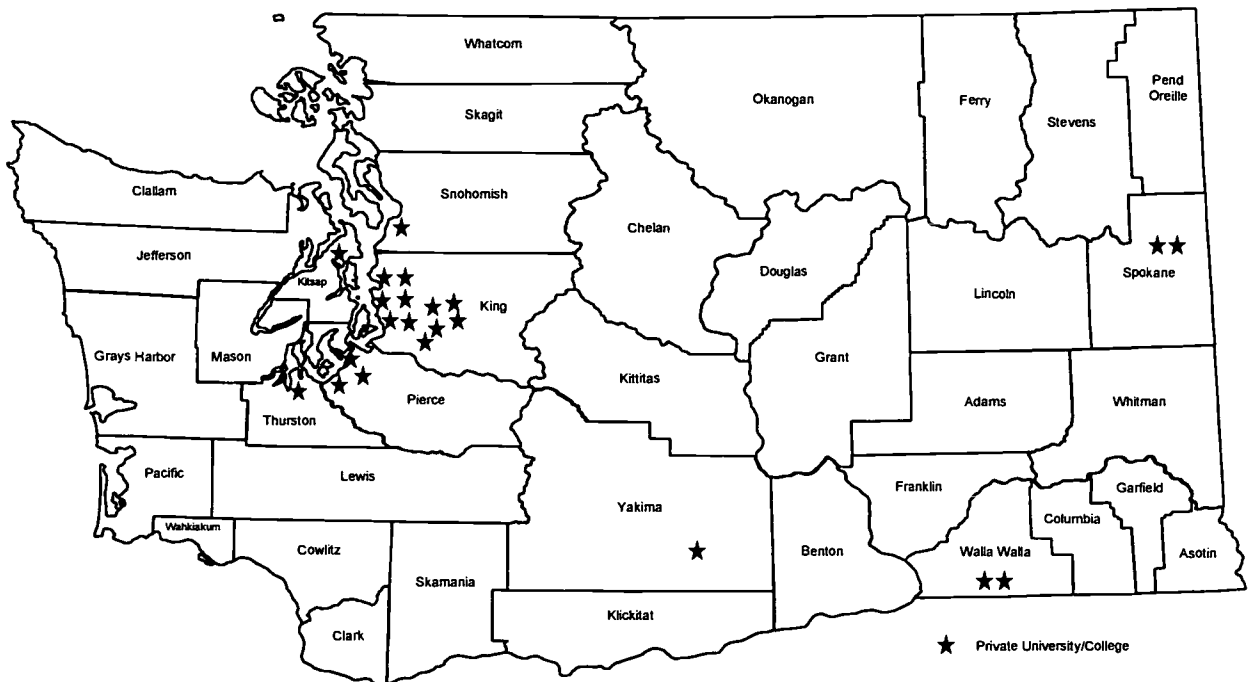


Figure 1-2  
Private Four-Year Universities and Colleges



## Washington Higher Education Enrollment Trends, 1980-1997

See *History of Enrollment by Institution, Appendices A-1 to A-5*

Historically, the combined two- and four-year public institution enrollments have constituted more than 85 percent of the total Washington higher education enrollment. In 1997, the public share was 88 percent. The remaining 12 percent represents service by private institutions (Figure 1-3). Within the 88 percent public institution enrollment, the community college system totals 58 percent and the public four-year institutions total 30 percent. The share of private institutions enrollment has been relatively stable at about 12 percent during 1981-97 (Table 1-1).

Table 1-1  
**Higher Education Fall Headcount Enrollment for  
 Public Two- and Four-Year and Private Four-Year Schools  
 1980 to 1997**

Year	Public Two-Year		Public Four-Year		Private Four-Year		Total	
	Headcount	Percent	Headcount	Percent	Headcount	Percent	Headcount	Percent
1980	184,391	62.57	83,206	28.24	27,088	9.19	294,685	100.00
1981	138,955	56.17	80,143	32.40	28,275	11.43	247,373	100.00
1982	123,776	53.85	78,112	33.98	27,977	12.17	229,865	100.00
1983	125,520	54.00	78,553	33.79	28,374	12.21	232,447	100.00
1984	129,861	54.89	78,659	33.25	28,051	11.86	236,571	100.00
1985	130,498	55.31	77,509	32.85	27,952	11.85	235,959	100.00
1986	134,522	56.12	77,250	32.23	27,928	11.65	239,700	100.00
1987	132,838	55.45	77,781	32.47	28,951	12.08	239,570	100.00
1988	135,012	55.38	78,250	32.10	30,522	12.52	243,784	100.00
1989	134,775	55.47	78,043	32.12	30,135	12.40	242,953	100.00
1990	134,779	54.63	80,520	32.64	31,396	12.73	246,695	100.00
1991	135,082 <sup>1</sup>	54.38	80,989	32.61	32,315	13.01	248,386 <sup>1</sup>	100.00
1992	138,333 <sup>1</sup>	54.42	82,358	32.40	33,524	13.19	254,215 <sup>1</sup>	100.00
1993	175,445 <sup>2</sup>	59.49	84,103	28.52	35,372	11.99	294,920 <sup>2</sup>	100.00
1994	172,558 <sup>2</sup>	58.60	84,981	28.86	36,929	12.54	294,468 <sup>2</sup>	100.00
1995	169,290 <sup>2</sup>	57.99	85,529	29.30	37,093	12.71	291,912 <sup>2</sup>	100.00
1996	172,643 <sup>2</sup>	58.07	86,730	29.17	37,918	12.75	297,291 <sup>2</sup>	100.00
1997	171,722 <sup>3</sup>	58.46	88,163	30.01	33,859	11.53	293,744 <sup>3</sup>	100.00

<sup>1</sup>Includes the Timber Worker Displacement enrollments, 1991 = 125 and 1992 = 399.

<sup>2</sup>Includes Timber Worker Displacement, Workforce Training, and Technical College enrollments: 1993 = 394, 2,485, and 27,362; 1994 = 383, 6,564, and 25,074; 1995 = 366, 6,903, and 24,926; 1996 = 487, 7,061, and 26,410 respectively.

<sup>3</sup>Beginning in 1997, the figure includes 308 Private Career Colleges enrollments in addition to 409 Timber Worker Displacement, 5,900 Workforce Training, and 24,742 Technical College enrollments.

Notes: Public two-year higher education institutions include enrollment from all 27 community colleges throughout the state. Starting with 1995, technical college enrollment is included in the total.

**Public Four-Year Universities/Colleges:**

University of Washington	Washington State University	Central Washington University
Eastern Washington University	The Evergreen State College	Western Washington University
Joint Center for Graduate Study (1980-1984)/Tri-Cities University Center (1985-1988)		

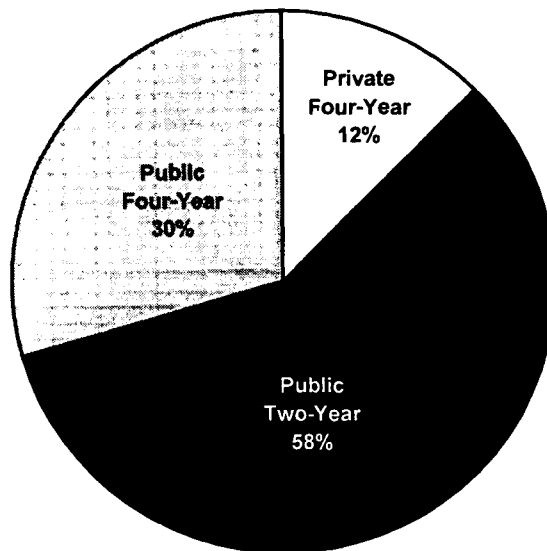
**Branch Campuses and Evening Programs:**

UW - Evening Program	WSU - Spokane
UW - Bothell/Woodinville	WSU - Tri-Cities (since Fall 1989)
UW - Tacoma	WSU - SW Washington (Vancouver)

**Private Four-Year Universities/Colleges:**

Antioch	City University	Cogswell College North
Cornish College of Arts	Gonzaga University	Heritage College
ITT Technical Institute of Seattle	John Bastyr College of Natural Medicine	Lutheran Bible Institute
Northwest Baptist Seminary	Northwest College Assembly of God	Northwest College of Arts
Northwest College Institute of Acupuncture and Oriental	Pacific Lutheran University	Puget Sound Christian College
Seattle Bible College	Seattle Pacific University	Seattle University
St. Martin's College	University of Puget Sound	Walla Walla College
Whitman College	Whitworth College	

Figure 1-3  
**Fall 1997 Headcount Enrollment  
 Public and Private Higher Education Schools**



The community college system is comprised of 27 colleges and 5 technical colleges and Seattle Vocational Institute (SVI). Table 1-2 presents enrollment shares by college for Fall 1997. The enrollments range from 9,332 for Bellevue to 2,125 students for Big Bend Community College. The SVI is a part of the Seattle community college system. The



average enrollment is about 5,400 students (See Appendices A-1 & A-2 for the community college enrollment history by college). Starting in 1993, five technical colleges were added to the community college system to constitute a new community and technical college system. These colleges are Bates, Bellingham, Clover Park, Lake Washington, and Renton. In Fall 1997, the enrollments ranged from 7,562 for Clover Park to 3,196 students for Lake Washington Technical College. The average enrollment for the technical colleges was 5,118 students.

Table 1-2  
**Fall 1997 Headcount Enrollment  
 Community and Technical Colleges**

<b>Community College</b>	<b>Headcount</b>		<b>Percent of Total</b>
Bellevue	9,332		6.37
Big Bend	2,125		1.32
Centralia	2,803		1.90
Clark	8,709		6.06
Columbia Basin	5,918		3.91
Edmonds	6,703		5.09
Everett	6,490		4.57
Grays Harbor	2,419		1.56
Green River	6,115		4.67
Highline	7,420		4.93
Lower Columbia	3,066		2.24
North Seattle	6,507		4.38
Olympic	5,672		4.11
Peninsula	2,728		1.75
Pierce	6,023		4.31
Seattle Central	7,396		5.14
Seattle Vocational Institute	272		0.21
Shoreline	6,722		4.52
Skagit Valley	4,962		3.57
South Puget Sound	4,345		2.88
South Seattle	5,177		3.35
Spokane	5,911		4.05
Spokane Falls	9,481		5.93
Tacoma	4,873		3.44
Walla Walla	3,699		2.27
Wenatchee Valley	2,604		1.81
Whatcom	3,448		2.27
Yakima Valley	4,906		3.39
<b>Community College Total</b>	<b>145,826</b>	<b>Average=5,401</b>	<b>100.00</b>
Bellingham	4,172		14.47
Lake Washington	3,196		12.90
Renton	5,571		22.07
Bates	5,087		22.05
Clover Park	7,562		28.51
<b>Technical College Total</b>	<b>25,588</b>	<b>Average=5,118</b>	<b>100.00</b>
<b>Private Career College Total (PCC)</b>	<b>308</b>		
<b>TOTAL (CC + TC + PCC)</b>	<b>171,722</b>		

Source: Management Information System (MIS) Fall 1997 report, includes Timber Worker Displacement program, Workforce Training program, and Private Career College enrollments.

Four-year public institution enrollments for Fall 1997 are shown in Table 1-3. Out of 88,857 total students, almost 57 percent enrolled in the main campuses of the University of Washington in Seattle and Washington State University in Pullman. The four regional universities/colleges serve about 36 percent. The remaining 6 percent are enrolled in branch campuses, one evening program (UW - Evening Degree Program), and the Timber Worker Displacement Program funded through the Higher Education Coordinating Board. See Appendix A-3 for the four-year institution enrollment history by university and college.

Table 1-3  
**Fall 1998 Headcount Enrollment  
 Public Four-Year Universities/College**

College/University	Enrollment	% of Total
UW-Seattle	32,911	37.04
UW-Evening Program	930	1.05
UW-Bothell/Woodinville	1,191	1.34
UW-Tacoma	1,295	1.46
WSU-Pullman	17,404	19.59
WSU-Spokane	395	0.44
WSU-Tri-Cities	1,094	1.23
WSU-Vancouver	1,486	1.67
CWU	8,355	9.40
EWU	7,688	8.65
TESC	4,194	4.72
WWU	11,655	13.12
HECB-Timber Worker Displacement Program	259	0.29
<b>TOTAL</b>	<b>88,857</b>	<b>100.00</b>

Source: Higher Education Enrollment Report (HEER), Fall 1998

Enrollments at public higher education institutions were capped during 1983-93. Overall, higher education enrollment growth has been closely tied to long-term state demographic trends. See Figure 1-6. Table 1-4 and Figures 1-4 and 1-5 show the growth in the two- and four-year universities/colleges.

Table 1-4  
**Historical Fall Term Headcount Enrollment  
 Public Higher Education, 1960 to 1998**

Year	4 Year Public Institution <sup>1</sup>	Community and Technical College System <sup>2</sup>	Total
1960	39,428	10,886	50,314
1961	41,280	14,549	55,829
1962	42,645	26,443	69,088
1963	46,222	28,476	74,698
1964	50,082	33,181	83,263
1965	54,985	41,105	96,090
1966	58,261	50,611	108,872
1967	62,697	74,363	137,060
1968	68,056	78,652	146,708
1969	73,891	91,701	165,592
1970	71,826	108,679	180,505
1971	73,190	104,454	177,644
1972	73,189	118,647	191,836
1973	72,855	133,835	206,690
1974	74,812	141,414	216,226
1975	78,573	151,644	230,217
1976	78,873	140,824	219,697
1977	80,885	154,892	235,777
1978	79,977	167,628	247,605
1979	82,476	191,529	274,005
1980	83,206	184,391	267,597
1981	80,143	138,955	219,098
1982	78,112	123,776	201,888
1983	78,553	125,520	204,073
1984	78,659	129,861	208,520
1985	77,509	130,498	208,007
1986	77,250	134,522	211,772
1987	77,781	132,838	210,619
1988	78,250	135,012	213,261
1989	78,043	134,775	212,818
1990	80,520	134,779	215,219
1991	80,989	135,082 <sup>3</sup>	216,071 <sup>3</sup>
1992	82,358	138,333 <sup>3</sup>	220,691 <sup>3</sup>
1993	84,104	175,445 <sup>4</sup>	259,549 <sup>4</sup>
1994	84,981	172,558 <sup>4</sup>	257,539 <sup>4</sup>
1995	85,527	169,290 <sup>4</sup>	254,817 <sup>4</sup>
1996	86,730	172,643 <sup>4</sup>	259,373 <sup>4</sup>
1997	88,163	171,722 <sup>4</sup>	259,885 <sup>4</sup>
1998	88,857	N/A	N/A

<sup>1</sup>State funded enrollments only, including Tri-Cities University Center for 1960-88 and WSU Tri-Cities since 1989.

<sup>2</sup>State funded enrollments except:

- a) 1962-70 figures include auditors,
- b) 1971-75 figures include contract funded enrollments.

<sup>3</sup>Includes Timber Worker Displacement enrollments, 1991 = 125 and 1992 = 399.

<sup>4</sup>Includes the Timber Worker Displacement, Workforce Training, and Technical College enrollments: 1993 = 394, 2,485 and 27,362; 1994 = 383, 6,564, and 25,074; 1995 = 366, 6,903 and 24,926; 1996 = 487, 7,061, and 26,410; and 1997 = 409, 5,900, 24,742 respectively. 1997 figure also includes 308 Private Career College (PCC) enrollments.

Source: Four-Year Institutions - Higher Education Enrollment Report (HEER) State Board of Community Community and Technical College (SBCTC) - Management Information System Report (MIS).

Between 1970 and 1980, enrollment in public four-year universities/colleges increased by 16 percent, while two-year school enrollment increased by 70 percent. The total enrollment increase was 48 percent (Table 1-4).

During the late 1960s and through much of the 1970s, rapid enrollment growth occurred as the Baby Boom generation reached college age. Substantial increases in female participation in higher education occurred concurrently with the increase of females in the labor force. The expansion of the community college system provided widespread access to higher education and contributed to the rapid enrollment growth in this period.

Between 1980 and 1991, enrollment declined 3 percent in the four-year institutions and 27 percent in the community colleges. A weakening economy in the early 1980s combined with budgetary enrollment caps in 1983 contributed to the decline.

However, from 1983-89 enrollment at the four-year schools remained almost constant at an average of 78,000 students per year and increased by almost 3 percent in 1991 and 1992, even though the college age population of young adults decreased. The growth rates continued to increase in 1993 and 1994 by about 2 percent and 1 percent, respectively. At the same time, enrollment at the community colleges has continued to grow from 125,520 in 1983 to 138,333 in Fall 1992. Enrollment lids were raised during this period. Consequently, total two- and four-year public institution enrollment increased by 6 percent from 1983 to 1992. In 1993, enrollment was 175,445, an increase of 37,000 students from 1992. This increase is partly due to the beginning of Workforce Training Program (2,485 students) and the inclusion of technical college enrollments (27,362 students) in the community college system. However the 1997 enrollment decreased to 171,722 from 175,445 in 1993, a decrease of 2.12 percent during 1993-97.

Figure 1-4  
**Fall Term Headcount Enrollment, 1970 to 1997**  
**Public Two-Year Community and Technical Colleges**  
 (Dotted line shows enrollment without Technical Colleges)

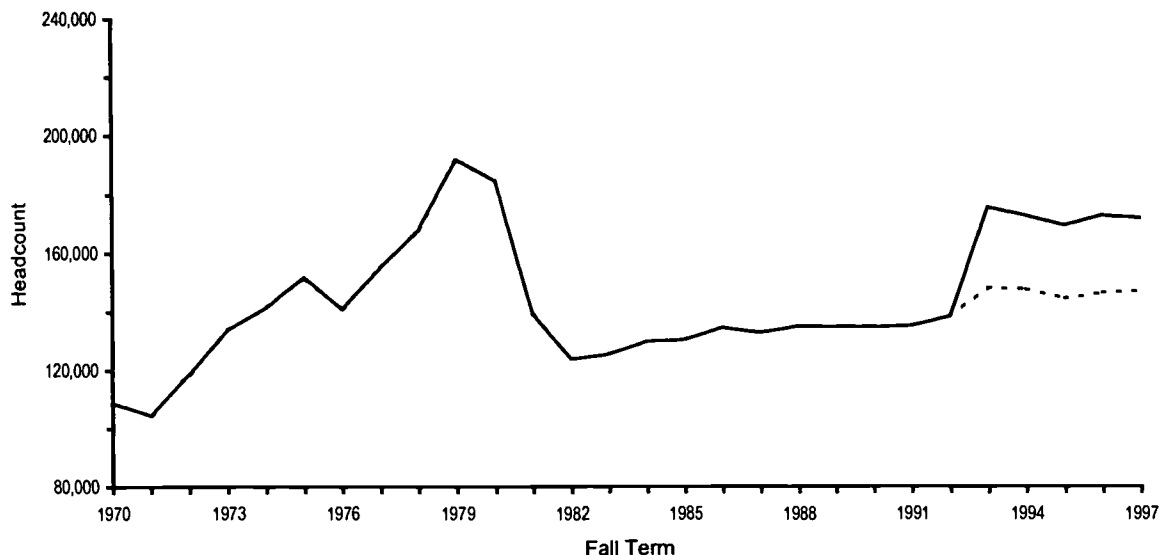
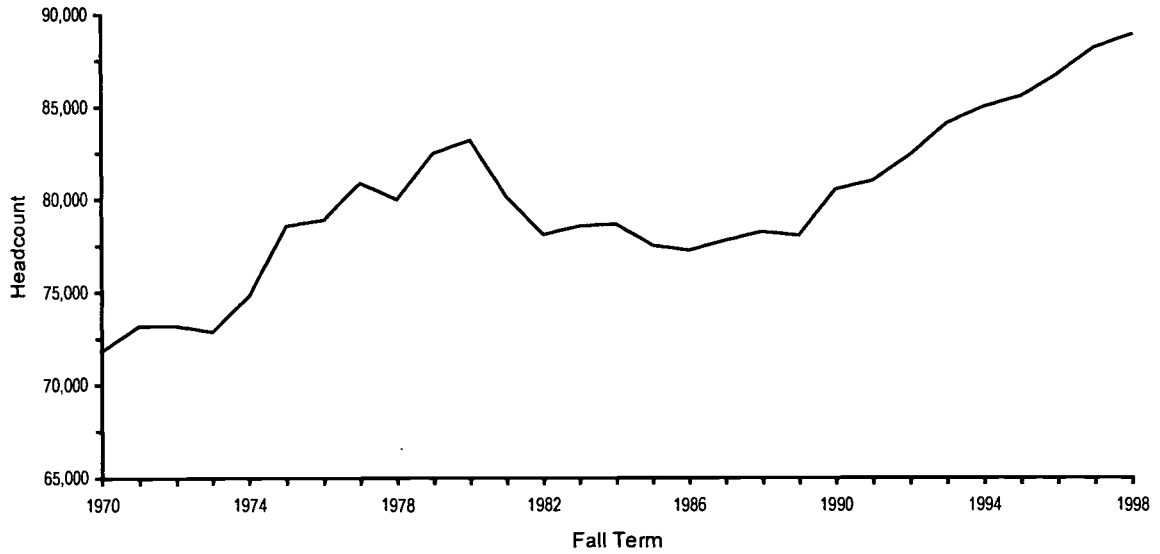


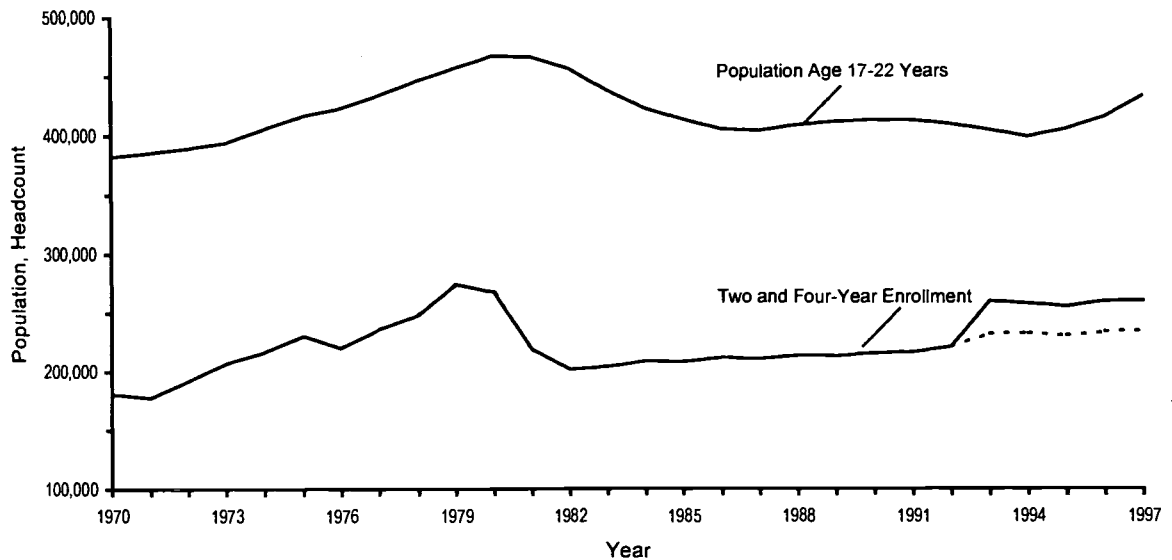
Figure 1-5  
**Fall Term Headcount Enrollment, 1970 to 1998**  
**Public Four-Year Universities/Colleges**



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Figure 1-6  
**Population Age 17-22 Years and Total Two- and Four-Year**  
**Headcount Enrollment 1970 to 1997**  
 (The dotted line shows enrollment without Technical Colleges)



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## Degrees Awarded

The number of degrees awarded for the community and technical college system increased by 40 percent in seven years from 1990-91 to 1996-97. The increase is partially due to the inclusion of technical college degrees. The degrees for academic programs which are transferable to four-year institutions increased by 43 percent as shown in Table 1-5.

Degrees for four-year public institutions in bachelors, masters, doctoral, and professional level increased by 25, 15, 11, and 4 percent respectively. The number of private four-year degrees increased by 4, 64, 54, and 19 percent in bachelors, masters, doctoral, and professional degrees respectively. See Table 1-5.

For all two- and four-year public and private schools, the total number of degrees awarded was 49,314 in 1996-97 compared to 38,586 in 1990-91, a gain of 28 percent. Again, part of this increase is due to inclusion of technical college degrees beginning in 1992-93.

Table 1-5  
**Summary of Degrees Awarded for Washington Higher Education**  
 1990-91 to 1996-97

Degree Type	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1996-97 % of Total	6 Years % of Change
<b>Associate Degrees Granted: Community and Technical College</b>									
Academic	8,204	9,445	10,170	11,753	12,198	11,964	11,734	64.67	43.03
Vocational *	4,779	5,020	5,411	5,659	6,014	6,421	6,411	35.33	34.15
Associate Total	12,983	14,465	15,611	17,412	18,212	18,385	18,145	100.00	39.76
<b>Bachelors Degrees Granted: Four-Year Institutions</b>									
Public Total	14,268	14,835	15,977	16,386	16,827	17,396	17,801	78.12	24.76
Private Total	4,801	4,803	4,783	4,832	4,878	5,000	4,985	21.88	3.83
Bachelors Total	19,069	19,638	20,760	21,218	21,707	22,394	22,786	100.00	19.49
<b>Masters Degrees Granted: Four-Year Institutions</b>									
Public Total	3,256	3,502	3,748	3,579	3,610	3,868	3,757	55.71	15.39
Private Total	1,824	2,453	2,703	3,438	4,005	4,157	2,987	44.29	63.76
Masters Total	5,080	5,955	6,451	7,017	7,615	8,025	6,744	100.00	32.76
<b>Doctoral Degrees Granted: Four-Year Institutions</b>									
Public Total	632	547	579	657	651	646	699	94.97	10.60
Private Total	24	47	39	39	36	44	37	5.03	54.17
Doctoral Total	656	594	618	696	687	690	736	100.00	12.20
<b>Professional Degree Granted: Four-Year Institutions</b>									
Public Total	437	444	424	455	453	453	475	52.60	3.66
Private Total	361	414	472	442	423	439	428	47.40	18.56
Professional Total	798	858	896	897	876	892	903	100.00	13.16
<b>TOTAL</b>	<b>38,586</b>	<b>41,510</b>	<b>44,336</b>	<b>47,240</b>	<b>49,097</b>	<b>50,388</b>	<b>49,314</b>	---	<b>27.80</b>

\*Beginning 1992-93, data includes Vocational Associate Degrees granted by Technical Colleges, 1992-93 = 0, 1993-94 = 2, 1994-95 = 108, 1995-96 = 232, and 1996-97 = N/A

Source: Integration of Postsecondary Education Data system (IPEDS) Degree and Completion Awarded reports (submitted through Higher Education Coordinating Board (HECBB)).

The baccalaureate and associate degrees awarded by disciplines during 1990-91 to 1996-97 are shown in Tables 1-6A, 6B, and 6C. The total baccalaureate degrees for public four-year institutions increased by almost 25 percent during this 1990-91 to 1996-97 period (see Table 1-6A). By discipline, some of the high growth areas (of more than 50% gain) are Agricultural Sciences, Renewable Natural Resources, Allied Health and Health Sciences, Liberal/General Studies, Life Sciences, Park and Recreation, and Public Affairs. Some moderate and low growth (of less than 51% gain) disciplines are in Business Management and Administrative Services, Visual and Performing Arts, Physical Sciences, Computer and Information Sciences, Psychology, Protective Services, and Architecture and Environmental Design. Some disciplines with declining growth rates are Communication, Education, Mathematics, and Engineering.

Private four-year universities as a whole showed a decline in Business (17 percent), Communication (17 percent), Education (6 percent), Engineering (9 percent), Law (47 percent), Letter (9 percent), and Mathematics (22 percent), but an increase in Computer and Information Sciences (34 percent), Life Sciences (35 percent), Liberal/General Studies (114 percent), and Park and Recreation (500 percent). The rest of disciplines indicate similar trends as the public four-year institutions. The total degree growth rate in all private four-year universities between 1990-91 and 1996-97 was 3.8 percent (see Table 1-6B).

For the Community Colleges, the total number of associate degrees increased by 40 percent, from 12,983 in 1990-91 to 18,145 in 1996-97 (see Table 1-6C). Associate degrees for Academic Programs increased by 43 percent (See Liberal/General Studies) while Vocational degrees, the remainder of the associated degrees, increased 34 percent. Note that technical college degrees are included in the 1992-93 to 1996-97 statistics.

### **Degree Production**

In 1996-97, the Washington higher education system produced 49,314 degrees with a total fall enrollment of 297,291. See Table 1-7. Forty-six percent of the degrees were from the four-year public institutions. The four-year private institutions contributed 17 percent. The remaining 37 percent were from the two-year public community college system.

The number of all public four-year institution degrees completed in 1990-91 as a percent of total enrollment five years earlier was 23.99; it increased to 26.94 in 1993-94, and 28.07 in 1996-97. For the private four-year institutions, the percentages started at 25.08 percent in 1990-91, then increased to 28.67 percent in 1993-94, but decreased to 26.1 percent in 1996-97.

Table 1-6A  
**Baccalaureate Degrees by Two-Digit Classification of Instructional Programs  
 (CIP) Codes and Titles for Four-Year Public Higher Education Institutions  
 1990-91 to 1996-97\***

CIP Code	CIP Title	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1990-97 % Change
1	Agribusiness and Agriculture Production	46	38	30	28	23	37	49	6.52
2	Agricultural Sciences	45	56	64	70	72	84	90	100.00
3	Renewable Natural Resources	81	134	207	220	279	332	349	330.86
4	Architecture & Environmental Design	264	276	348	313	278	311	297	12.50
5	Area and Ethnic Studies	155	148	146	212	212	212	219	41.29
6+7 or 52	Business Mgmt. & Admin. Services*	2,612	2,625	2,754	2,639	2,698	2,693	2,786	6.66
8	Marketing and Distribution	12	22	23	14	11	11	15	25.00
9	Communications	726	731	778	763	694	717	682	-6.06
10	Communication Technologies	-	-	-	-	-	-	-	-
11	Computer and Information Sciences	175	157	159	154	129	154	190	8.57
12	Consumer, Personal and Misc. Services	-	-	-	-	-	-	-	-
13	Education	1,162	1,160	1,169	1,143	1,163	1,223	1,110	-4.48
14	Engineering	970	939	995	949	944	946	956	-1.44
15	Engineering & Eng. Related Tech.	144	156	123	135	166	163	154	6.94
16	Foreign Language	204	221	204	302	285	280	280	37.25
17+18 or 51	Allied Health & Health Sciences*	600	693	797	975	901	1,025	948	58.00
19	Home Economics	188	168	215	212	190	260	260	38.30
20	Vocational Home Economics	-	-	-	-	-	-	-	-
22	Law	-	-	-	-	-	-	-	-
23	Letters	836	814	867	868	922	854	844	0.96
24	Liberal/General Studies	981	1,288	1,400	1,268	1,566	1,586	1,687	71.97
25	Library and Archival Sciences	-	-	-	-	-	-	-	-
26	Life Sciences	472	501	632	750	800	852	1,033	118.86
27	Mathematics	184	168	187	178	165	130	174	-5.43
28	Military Sciences	4	2	-	2	3	2	2	-50.00
30	Multi/Interdisciplinary Studies	298	216	260	263	199	238	204	-31.54
31	Parks and Recreation	177	221	235	244	252	273	362	104.52
36	Leisure and Recreation Studies	-	-	-	-	-	-	-	-
38	Philosophy and Religion	64	57	55	54	49	75	86	34.38
39	Theology	-	-	-	-	-	-	-	-
40	Physical Sciences	194	221	222	227	279	250	272	40.21
41	Science Technology	-	-	-	-	-	-	-	-
42	Psychology	825	820	855	989	994	1,007	985	19.39
43	Protective Services	225	226	242	328	339	339	333	48.00
44	Public Affairs	160	220	211	203	208	257	265	65.63
45	Social Sciences	1,910	1,986	2,158	2,280	2,311	2,396	2,517	31.78
46	Construction Trade	-	-	-	-	-	-	-	-
47	Mechanics and Repairers	-	-	-	-	-	-	-	-
48	Precision Production	-	-	-	-	-	-	-	-
49	Transportation and Material Moving	35	37	45	21	25	26	17	-51.43
50	Visual and Performing Arts	519	534	596	582	672	663	635	22.35
<b>TOTAL</b>		<b>14,268</b>	<b>14,835</b>	<b>15,977</b>	<b>16,386</b>	<b>16,829</b>	<b>17,396</b>	<b>17,801</b>	<b>24.76</b>

\*Since 1993-94, 6 and 7, and 17 and 18 have been combined and re-categorized to 52 and 51 respectively. Public Four-Year Institutions include CWU, EWU, TESC, UW, WSU, and WWU.

Source: National Center of Education Statistics (NCES): Integrated Postsecondary Education Data System (IPEDS), Completion Survey.



Table 1-6B

**Baccalaureate Degrees by Two-Digit Classification Instructional Program (CIP) Codes and Titles for Four-Year Private Higher Education Institutions, 1990-91 to 1996-97\***

CIP Code	CIP Title	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1990-97 % Change
1	Agribusiness and Agriculture Production	-	-	-	-	-	-	-	-
2	Agricultural Sciences	-	-	-	-	-	-	-	-
3	Renewable Natural Resources	-	-	-	2	2	3	15	+
4	Architecture & Environmental Design	0	-	-	-	-	-	-	-
5	Area and Ethnic Studies	17	40	13	23	24	20	30	76.47
6+7 or 52	Business Mgmt. & Admin. Services*	1,145	1,197	1,082	1,059	1,040	1,011	948	-17.21
8	Marketing and Distribution	4	1	1	4	-	1	-	-
9	Communications	206	196	190	208	171	182	171	-16.99
10	Communication Technologies	-	-	-	-	-	-	-	-
11	Computer and Information Sciences	92	106	120	108	98	106	123	33.70
12	Consumer, Personal and Misc. Services	-	-	-	-	-	-	-	-
13	Education	463	346	396	376	463	471	437	-5.62
14	Engineering	249	226	198	223	243	252	226	-9.24
15	Engineering & Eng. Related Tech.	7	11	13	36	12	20	16	128.57
16	Foreign Language	81	85	94	87	89	81	96	18.52
17+18 or 51	Allied Health & Health Sciences*	278	278	297	348	382	397	402	44.60
19	Home Economics	16	13	23	24	27	27	38	137.50
20	Vocational Home Economics	0	0	0	-	-	-	-	-
22	Law	19	17	24	17	13	14	10	-47.37
23	Letters	308	267	295	249	276	287	250	-18.83
24	Liberal/General Studies	71	99	115	127	162	118	152	114.08
25	Library and Archival Sciences	-	-	-	-	-	-	-	-
26	Life Sciences	186	182	194	230	242	211	251	34.95
27	Mathematics	71	83	48	67	54	64	56	-21.13
28	Military Sciences	-	-	1	-	-	-	-	-
30	Multi/Interdisciplinary Studies	96	100	99	91	107	83	71	-26.04
31	Parks and Recreation	10	9	39	39	42	44	60	500.00
36	Leisure and Recreation Studies	37	24	-	-	4	-	-	-
38	Philosophy and Religion	66	83	74	79	99	73	104	57.58
39	Theology	93	116	108	93	86	110	126	35.48
40	Physical Sciences	105	96	89	83	106	98	129	22.86
41	Science Technology	-	-	-	-	-	-	-	-
42	Psychology	282	286	353	338	315	395	356	26.24
43	Protective Services	54	42	55	45	45	71	60	11.11
44	Public Affairs	69	67	64	64	48	64	80	15.94
45	Social Sciences	540	582	586	561	516	540	510	-5.56
46	Construction Trade	-	-	-	-	-	-	1	-
47	Mechanics and Repairers	1	3	2	9	1	-	-	-
48	Precision Production	-	2	2	2	-	-	-	-
49	Transportation and Material Moving	4	2	4	-	3	5	1	-75.00
50	Visual and Performing Arts	231	244	204	240	208	252	266	15.15
<b>TOTAL</b>		<b>4,801</b>	<b>4,803</b>	<b>4,783</b>	<b>4,832</b>	<b>4,878</b>	<b>5,000</b>	<b>4,985</b>	<b>3.83</b>

\*Since 1993-94, 6 and 7, and 17 and 18 have been combined and re-categorized to 52 and 51 respectively.

Private Four-Year Institutions include City U., Comish C., Gonzaga U., Heritage C., Lutheran Bible Institute, Northwest C., Pacific Lutheran U., Puget Sound Christian C., Saint Martin's C., Seattle Pacific U., Walla Walla C., Whitman C., and Whatworth C.

Source: National Center of Education Statistics (NCES): Integrated Postsecondary Education Data System (IPEDS), Completion Survey.

Table 1-6C  
**Associate Degrees by Two-Digit Classification Instructional Program (CIP) Codes and  
 Titles for Two-Year Public Higher Education Institutions, 1990-91 to 1996-97\***

CIP Code	CIP Title	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1990-97 % Change
1	Agribusiness and Agriculture Production	67	76	106	113	126	143	136	102.99
2	Agricultural Sciences	-	2	1	1	2	2	-	-
3	Renewable Natural Resources	56	41	48	59	62	69	75	33.93
4	Architecture & Environmental Design	37	-	-	-	-	-	-	-
5	Area and Ethnic Studies	-	-	-	-	-	-	-	-
6+7 or 52	Business Mgmt. & Admin. Services*	984	1,068	1,220	1,190	1,498	1,420	44.31	35.37
8	Marketing and Distribution	159	120	105	123	120	89	65	-59.12
9	Communications	6	11	16	21	15	66	48	700.00
10	Communication Technologies	10	18	9	10	14	13	36	260.00
11	Computer and Information Sciences	207	232	229	231	236	293	332	60.39
12	Consumer, Personal and Misc. Services	17	97	86	119	123	121	113	564.71
13	Education	2	10	11	5	14	18	26	1,200.00
14	Engineering	-	-	-	-	-	-	-	-
15	Engineering & Eng. Related Tech.	351	424	569	512	597	594	585	66.67
16	Foreign Language	-	-	-	-	-	-	-	-
17+18 or 51	Allied Health & Health Sciences*	1,525	1,588	1,546	1,733	1,645	1,728	1,751	14.82
19	Home Economics	-	-	-	-	30	22	30	+
20	Vocational Home Economics	204	138	151	172	157	145	185	-9.31
22	Law	189	192	233	208	306	300	236	24.87
23	Letters	2	2	-	-	1	1	1	-50.00
24	Liberal/General Studies	8,204	9,445	10,170	11,753	12,198	11,964	11,734	43.03
25	Library and Archival Sciences	19	12	23	24	20	21	23	21.05
26	Life Sciences	-	-	-	-	-	-	-	-
27	Mathematics	-	-	-	-	-	-	-	-
28	Military Sciences	-	-	-	-	-	-	-	-
30	Multi/Interdisciplinary Studies	-	-	-	-	-	-	-	-
31	Parks and Recreation	35	41	41	47	62	53	54	54.29
36	Leisure and Recreation Studies	-	-	-	-	-	-	-	-
38	Philosophy and Religion	-	-	-	-	-	-	-	-
39	Theology	-	-	-	-	-	-	-	-
40	Physical Sciences	-	-	-	-	1	-	1	+
41	Science Technology	19	24	28	23	37	26	10	-47.37
42	Psychology	-	-	-	-	-	-	-	-
43	Protective Services	155	173	235	245	285	320	369	138.06
44	Public Affairs	-	9	4	14	19	17	21	+
45	Social Sciences	-	-	-	-	-	-	-	-
46	Construction Trade	15	20	27	46	61	63	71	373.33
47	Mechanics and Repairers	355	355	446	368	389	406	411	9.58
48	Precision Production	324	220	261	221	212	208	234	-27.78
49	Transportation and Material Moving	36	58	74	60	51	64	59	63.89
50	Visual and Performing Arts	5	89	128	114	97	141	119	2,280.00
<b>TOTAL</b>		<b>12,983</b>	<b>14,465</b>	<b>15,767</b>	<b>17,412</b>	<b>18,212</b>	<b>18,385</b>	<b>18,145</b>	<b>39.76</b>

\* Since 1993-94, 6 and 7, and 17 and 18 have been combined and re-categorized to 52 and 51 respectively.

Public Two-Year Institutions include Technical Colleges beginning 1992-93: 1992-93 = 0, 1993-94 = 2, 1994-95 = 108, 1995-96 = 232, and 1996-97 = 391.

Source: National Center of Education Statistics (NCES): Integrated Postsecondary Education Data System (IPEDS), Completion Survey.

Table 1-7  
**Fall Enrollment and Degrees Awarded by Washington Higher Education Institutions  
 1983-84 to 1996-97**

Type of School	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	96-97 % of Total
<b>Two-Year Public School</b>															
Fall Enrollment <sup>1</sup>	125,520	129,861	130,498	134,522	132,838	135,012	134,775	134,779	135,082	138,333	175,445	172,558	169,290	172,643	58.07
Degrees <sup>1</sup>	10,449	10,239	11,201	11,285	11,026	11,250	12,291	12,983	14,465	15,661	17,412	18,212	18,385	18,145	36.79
Degree as % of Enr: 2-Yr Lag	7.52	8.27	8.92	8.69	8.45	8.36	9.25	9.62	10.73	11.62	12.89	13.17	10.48	10.52	
Degree as % of Enr: 3-Yr Lag	5.67	7.37	9.05	8.99	8.49	8.62	9.14	9.77	10.71	11.62	12.92	13.48	10.39	10.34	
Degree as % of Enr: 4-Yr Lag		5.55	8.06	9.12	8.78	8.66	9.42	9.65	10.89	11.60	12.92	13.51	13.61	13.12	
<b>Four-Year Public School</b>															
Fall Enrollment	78,553	78,659	77,509	77,250	77,781	78,250	78,043	80,517	80,989	82,358	84,104	84,981	85,529	86,730	29.17
Degrees <sup>2</sup>	16,733	16,639	16,824	17,252	17,130	17,547	18,183	18,593	19,328	20,728	21,077	21,543	22,363	22,732	46.10
Degree as % of Enr: 3-Yr Lag	20.11	20.76	21.54	21.96	21.78	22.64	23.54	23.90	24.70	26.56	26.18	26.60	27.15	27.03	
Degree as % of Enr: 4-Yr Lag		20.00	20.99	22.09	21.81	22.31	23.46	24.07	24.85	26.49	27.01	26.76	27.61	27.60	
Degree as % of Enr: 5-Yr Lag		20.22	20.22	21.53	21.93	22.34	23.12	23.99	25.02	26.65	26.94	27.60	27.77	28.07	
Degree as % of Enr: 6-Yr Lag				20.73	21.37	22.46	23.15	23.64	24.94	26.83	27.10	27.53	28.65	28.23	
<b>Four-Year Private Schools</b>															
Fall Enrollment	28,374	28,051	27,952	27,928	28,951	30,522	30,135	30,396	32,315	33,524	35,372	36,929	37,093	37,918	12.75
Degrees <sup>3</sup>	6,516	6,487	6,193	5,909	6,330	6,044	6,648	7,010	7,617	7,997	8,751	9,342	9,640	8,437	17.11
Degree as % of Enr: 3-Yr Lag	24.05	22.94	22.14	20.83	22.57	21.62	23.80	24.21	24.96	26.54	28.79	28.91	28.76	23.85	
Degree as % of Enr: 4-Yr Lag		23.95	21.90	21.12	22.31	21.55	23.78	25.10	26.31	26.20	29.04	30.73	29.83	25.17	
Degree as % of Enr: 5-Yr Lag			22.86	20.90	22.63	21.30	23.70	25.08	27.27	27.62	28.67	31.00	31.71	26.11	
Degree as % of Enr: 6-Yr Lag				21.81	22.39	21.60	23.43	24.99	27.25	28.63	30.23	30.61	31.99	27.76	
<b>Four-Year Public and Private Schools</b>															
Fall Enrollment	106,927	106,710	105,461	105,178	106,732	108,772	108,178	110,913	113,304	115,882	119,476	121,910	122,622	124,648	
Degrees	23,249	23,126	23,017	23,161	23,460	23,591	24,831	25,603	26,945	28,725	29,828	30,885	32,003	31,169	
Degree as % of Enr: 3-Yr Lag	21.08	21.33	21.70	21.66	21.98	22.37	23.61	23.99	24.77	26.55	26.89	27.26	27.62	26.09	
Degree as % of Enr: 4-Yr Lag		20.97	21.23	21.83	21.94	22.11	23.55	24.34	25.25	26.41	27.57	27.85	28.25	26.90	
Degree as % of Enr: 5-Yr Lag			20.87	21.36	22.11	22.06	23.27	24.28	25.62	26.91	27.42	28.58	28.85	27.51	
Degree as % of Enr: 6-Yr Lag				21.00	21.64	22.24	23.22	23.99	25.56	27.31	27.95	28.37	29.58	28.10	
<b>Two and Four-Year Public and Private Schools</b>															
Fall Enrollment	232,447	236,571	235,959	239,700	239,570	243,784	242,953	245,692	248,389	254,215	294,921	294,468	291,912	297,291	100.00
Degrees	33,698	33,365	34,218	34,446	34,486	34,941	37,122	38,586	41,410	44,336	47,240	49,097	50,388	49,314	100.00
% Degree of Enr: 3-Yr Lag	11.44	13.49	14.89	14.82	14.58	14.77	15.49	16.11	16.99	18.25	19.23	19.77	19.82	16.72	
% Degree of Enr: 4-Yr Lag		11.32	13.83	14.99	14.84	14.73	15.73	16.10	17.29	18.19	19.44	19.98	20.29	19.40	
% Degree of Enr: 5-Yr Lag			11.61	13.92	15.00	14.99	15.69	16.35	17.28	18.51	19.38	20.21	20.51	19.85	
% Degree of Enr: 6-Yr Lag				11.69	13.94	15.16	15.97	16.31	17.55	18.50	19.72	20.14	20.74	20.07	

<sup>1</sup> Beginning 1993-94, figures include enrollment and Vocational Associate Degree by Technical Colleges (see Table 1-5).

<sup>2</sup> Includes Bachelors, Masters, Doctoral, and Professional degrees

Sources: Degrees Awarded from the HECB-IPEDS Degree Awarded reports. Two- and four-year public institution enrollments from the OFM MIS and HEER (Including Tri-Cities University Center and WSU Tri-Cities) reports. Four-year private institution enrollment from HECB-IPEDS Fall Enrollment reports.



## Chapter 2 Washington Higher Education Student Characteristics

**F**EMALE STUDENTS COMPRISE ABOUT 58 percent of the total student body for community and technical colleges (Table 2-1), slightly more than 53 percent of the total four-year and almost 53 percent for total main-campus four-year enrollments (Table 2-2 and 2-3). At the branch campuses 63 percent (Table 2-4) of total enrollment is female.

The average age of two-year community college students is 31 years, while the four-year student is younger, at 24 years. The average branch campus student is 32 years of age.

Table 2-1  
**Community and Technical College System Enrollment by Age and Sex, Fall 1997**

Age	Academic		Vocational*		Basic Skills	
	Male	Female	Male	Female	Male	Female
17-22	18,140	21,398	10,256	12,004	3,186	3,075
23-29	6,488	8,306	7,728	10,756	2,561	2,947
30-39	3,326	6,538	7,534	15,029	2,683	3,582
40+	3,186	8,134	8,266	12,463	2,739	3,933
Not Indicated	203	470	1,915	2,196	211	229
Subtotal	31,343	44,846	35,699	52,448	11,380	13,766
<b>Total Male/Female</b>		<b>76,189</b>		<b>88,147</b>		<b>25,146</b>
<b>Percent of Total</b>	<b>41.14</b>	<b>58.86</b>	<b>40.50</b>	<b>59.50</b>	<b>45.26</b>	<b>54.74</b>
<b>Average Age by Sex</b>	<b>25.50</b>	<b>28.90</b>	<b>31.34</b>	<b>32.54</b>	<b>32.10</b>	<b>33.66</b>
<b>Average Age of Total</b>		<b>27.50</b>		<b>32.06</b>		<b>32.95</b>

Age	Developmental		Total	
	Male	Female	Male	Female
17-22	7,162	8,769	27,558	31,432
23-29	2,162	3,129	15,465	19,775
30-39	1,347	2,754	12,765	23,238
40+	1,145	1,927	13,352	22,970
Not Indicated	52	70	2,306	2,861
Subtotal	11,868	16,649	71,446	100,276
<b>Total Male/Female</b>		<b>28,517</b>		<b>171,722</b>
<b>Percent of Total</b>	<b>41.62</b>	<b>58.38</b>	<b>41.61</b>	<b>58.39</b>
<b>Average Age by Sex</b>	<b>24.80</b>	<b>26.09</b>	<b>29.42</b>	<b>31.62</b>
<b>Average Age of Total</b>		<b>25.55</b>		<b>30.71</b>

\*Includes Private Career College Enrollments (beginning 1997).

Notes: Students with unknown ages are not included in the age averaging. Program enrollments may not total due to duplication.

Source: SBCTC-MIS report, figures include Technical Colleges.

Table 2-2  
**Enrollment by Age, Sex, and Class: Fall 1998**  
**Public Four-Year Institutions**

Age	Freshman		Sophomore		Junior	
	Male	Female	Male	Female	Male	Female
17-22	7,569	8,416	5,398	6,198	6,031	7,341
23-29	252	183	542	444	2,302	3,023
30-39	67	80	131	187	589	919
40+	27	70	53	147	297	783
Unknown	7	8	5	2	10	5
Subtotal	7,922	8,757	6,129	6,978	9,229	11,071
<b>Total Male/Female</b>		<b>16,679</b>		<b>13,107</b>		<b>20,300</b>
<b>Percent of Total</b>	<b>47.50</b>	<b>52.50</b>	<b>46.76</b>	<b>53.24</b>	<b>45.46</b>	<b>54.54</b>
<b>Average Age by Sex</b>	<b>19.05</b>	<b>18.94</b>	<b>20.82</b>	<b>20.89</b>	<b>23.48</b>	<b>24.33</b>
<b>Average Age of Total</b>		<b>18.99</b>		<b>20.85</b>		<b>30.55</b>

Age	Senior		Unclassified 5		Graduate	
	Male	Female	Male	Female	Male	Female
17-22	4,245	5,584	21	57	260	322
23-29	4,179	3,353	410	577	3,086	3,227
30-39	901	1,144	294	373	2,037	1,770
40+	404	941	193	287	745	1,347
Unknown	10	7	6	3	0	3
Subtotal	9,739	11,029	924	1,297	6,128	6,669
<b>Total Male/Female</b>		<b>20,768</b>		<b>2,221</b>		<b>12,797</b>
<b>Percent of Total</b>	<b>46.89</b>	<b>53.11</b>	<b>41.60</b>	<b>58.40</b>	<b>47.89</b>	<b>52.11</b>
<b>Average Age by Sex</b>	<b>25.03</b>	<b>25.87</b>	<b>32.85</b>	<b>32.45</b>	<b>30.79</b>	<b>31.88</b>
<b>Average Age of Total</b>		<b>25.47</b>		<b>32.62</b>		<b>31.35</b>

Age	Professional		Other		Total	
	Male	Female	Male	Female	Male	Female
17-22	92	170	90	106	23,706	28,194
23-29	637	790	98	113	11,506	10,710
30-39	176	204	91	101	4,286	4,778
40+	39	36	101	141	1,859	3,752
Unknown	0	0	0	0	38	28
Subtotal	944	1,200	380	461	41,395	47,462
<b>Total Male/Female</b>		<b>2,144</b>		<b>841</b>		<b>88,857</b>
<b>Percent of Total</b>	<b>44.03</b>	<b>55.97</b>	<b>45.18</b>	<b>54.82</b>	<b>46.59</b>	<b>53.41</b>
<b>Average Age by Sex</b>	<b>27.30</b>	<b>26.54</b>	<b>32.54</b>	<b>33.03</b>	<b>24.06</b>	<b>24.61</b>
<b>Average Age of Total</b>		<b>26.88</b>		<b>32.81</b>		<b>24.35</b>

Table 2-3  
**Enrollment by Age, Sex, and Class: Fall 1998**  
**Public Four-Year Institutions – Main Campus Only**

Age	Freshman		Sophomore		Junior	
	Male	Female	Male	Female	Male	Female
17-22	7,550	8,394	5,356	6,127	5,869	7,054
23-29	232	155	514	391	2,051	1,700
30-39	53	60	107	153	464	662
40+	17	48	46	114	220	499
Unknown	7	8	5	2	10	5
Subtotal	7,859	8,665	6,028	6,787	8,614	9,920
<b>Total Male/Female</b>		<b>16,524</b>		<b>12,815</b>		<b>18,534</b>
<b>Percent of Total</b>	<b>47.56</b>	<b>52.44</b>	<b>47.04</b>	<b>52.96</b>	<b>46.48</b>	<b>53.52</b>
<b>Average Age</b>	<b>18.96</b>	<b>18.80</b>	<b>20.72</b>	<b>20.67</b>	<b>23.09</b>	<b>23.51</b>
<b>Average Age of Total</b>		<b>18.88</b>		<b>20.69</b>		<b>23.31</b>
Age	Senior		Unclassified 5		Graduate	
	Male	Female	Male	Female	Male	Female
17-22	4,140	5,397	19	51	251	304
23-29	3,895	3,012	385	527	2,954	2,978
30-39	774	886	245	329	1,875	1,581
40+	324	637	160	237	604	1,099
Unknown	10	7	6	3	0	3
Subtotal	9,143	9,939	815	1,147	5,684	5,965
<b>Total Male/Female</b>		<b>19,082</b>		<b>1,962</b>		<b>11,649</b>
<b>Percent of Total</b>	<b>47.91</b>	<b>52.09</b>	<b>41.54</b>	<b>58.46</b>	<b>48.79</b>	<b>51.21</b>
<b>Average Age by Sex</b>	<b>24.77</b>	<b>25.12</b>	<b>32.47</b>	<b>32.17</b>	<b>30.42</b>	<b>31.46</b>
<b>Average Age of Total</b>		<b>24.95</b>		<b>32.30</b>		<b>30.95</b>
Age	Professional		Other		Total	
	Male	Female	Male	Female	Male	Female
17-22	92	170	75	90	23,352	27,587
23-29	617	753	56	65	10,704	9,581
30-39	170	197	40	55	3,728	3,923
40+	36	33	41	81	1,448	2,748
Unknown	0	0	0	0	38	28
Subtotal	915	1,153	212	291	39,270	43,867
<b>Total Male/Female</b>		<b>2,068</b>		<b>503</b>		<b>83,137</b>
<b>Percent of Total</b>	<b>44.25</b>	<b>55.75</b>	<b>42.15</b>	<b>57.85</b>	<b>47.24</b>	<b>52.76</b>
<b>Average Age by Sex</b>	<b>27.23</b>	<b>26.51</b>	<b>29.65</b>	<b>31.70</b>	<b>23.68</b>	<b>23.95</b>
<b>Average Age of Total</b>		<b>26.83</b>		<b>30.83</b>		<b>23.82</b>

Table 2-4

**Enrollment by Age, Sex, and Class: Fall 1998**  
**Public Four-Year Institutions – Branch Campuses Only**

Age	Freshman		Sophomore		Junior	
	Male	Female	Male	Female	Male	Female
17-22	19	22	42	71	162	287
23-29	20	28	28	53	251	323
30-39	14	20	24	34	125	257
40+	10	22	7	33	77	284
Unknown	0	0	0	0	0	0
Subtotal	63	92	101	191	615	1,151
<b>Total Male/Female</b>		<b>155</b>		<b>292</b>		<b>1,766</b>
<b>Percent of Total</b>	<b>40.65</b>	<b>59.35</b>	<b>34.59</b>	<b>65.41</b>	<b>34.82</b>	<b>65.18</b>
<b>Average Age by Sex</b>	<b>29.29</b>	<b>31.82</b>	<b>26.65</b>	<b>28.44</b>	<b>28.88</b>	<b>31.44</b>
<b>Average Age of Total</b>		<b>30.79</b>		<b>27.82</b>		<b>30.55</b>
Age	Senior		Unclassified 5		Graduate	
	Male	Female	Male	Female	Male	Female
17-22	105	187	2	6	9	18
23-29	284	341	25	50	132	249
30-39	127	258	49	44	162	189
40+	80	304	33	50	141	248
Unknown	0	0	0	0	0	0
Subtotal	596	1,090	109	150	444	704
<b>Total Male/Female</b>		<b>1,686</b>		<b>259</b>		<b>1,148</b>
<b>Percent of Total</b>	<b>35.35</b>	<b>64.65</b>	<b>42.08</b>	<b>57.92</b>	<b>38.68</b>	<b>61.32</b>
<b>Average Age by Sex</b>	<b>28.95</b>	<b>32.68</b>	<b>35.61</b>	<b>34.61</b>	<b>35.45</b>	<b>35.41</b>
<b>Average Age of Total</b>		<b>31.36</b>		<b>35.03</b>		<b>35.43</b>
Age	Professional		Other		Total	
	Male	Female	Male	Female	Male	Female
17-22	0	0	15	16	354	607
23-29	20	37	42	48	802	1,129
30-39	6	7	51	46	558	855
40+	3	3	60	60	411	1,004
Unknown	0	0	0	0	0	0
Subtotal	29	47	168	170	2,125	3,595
<b>Total Male/Female</b>		<b>76</b>		<b>338</b>		<b>5,720</b>
<b>Percent of Total</b>	<b>38.16</b>	<b>61.84</b>	<b>49.70</b>	<b>50.30</b>	<b>37.15</b>	<b>62.85</b>
<b>Average Age by Sex</b>	<b>29.66</b>	<b>27.32</b>	<b>36.18</b>	<b>35.31</b>	<b>31.11</b>	<b>32.71</b>
<b>Average Age of Total</b>		<b>28.21</b>		<b>35.74</b>		<b>32.11</b>

**Credit Hours Enrolled**

In Fall 1997, 55 percent of two-year students were enrolled below 10 credit hours or part-time (Table 2-5). In Fall 1998, the average four-year student enrolled at slightly more than the tuition full-time level, or 11.48 credit hours (Table 2-6).

The average four-year branch campus student enrolled at 6.81 credit hours (Table 2-8), compared to 11.90 for the average main campus student (Table 2-7). Ninety percent of four-year main campus students are full-time compared to almost 52 percent for branch campus students.

For the total main and branch campus students, 34 percent are lower division (freshman, sophomore, and other), 49 percent are upper division (junior, senior, and unclassified 5), and the remaining 17 percent are graduate and professional students (Table 2-6).

Table 2-5  
**Total Students by Enrolled Credit Hours: Fall 1997**  
**Community and Technical Colleges**

Credit Hours	Fall Quarter Headcount Enrollment		
	Total	Day	Evening
1-6	91,389	48,339	43,050
Column %	47.97	36.30	75.11
Row %	100.00	52.89	47.11
7-9	13,986	9,238	4,748
Column %	7.34	6.94	8.28
Row %	100.00	66.05	33.95
10-18	74,332	64,987	9,345
Column %	39.02	48.80	16.30
Row %	100.00	87.43	12.57
19+	10,793	10,618	175
Column %	5.67	7.97	0.31
Row %	100.00	98.38	1.62
<b>TOTAL</b>	<b>190,500</b>	<b>133,182</b>	<b>57,318</b>
Column %	100.00	100.00	100.00
Row %	100.00	69.91	30.09
<b>Average Credit Hours Enrolled</b>	<b>8.81</b>	<b>10.20</b>	<b>5.58</b>

Notes: Counts shown may duplicate counts in other categories. A student is counted twice if concurrently enrolled in the day and the evening programs. The unduplicated total count is 171,414 not including 308 students in Private Career Colleges (PCC).

Source: State Board of Community and Technical Colleges-MIS report.



Table 2-6  
**Total Students by Enrolled Credit Hours: Fall 1998**  
**Public Four-Year Institutions**

Credit Hours	Student Classification by Division			
	Total	Lower	Upper	Grad/Prof
1-6	7,563	1,025	3,642	2,896
Column %	8.51	3.35	8.41	19.38
Row %	100.00	13.55	48.16	38.29
7-9	3,492	533	2,120	839
Column %	3.93	1.74	4.90	5.62
Row %	100.00	15.26	60.71	24.03
10-18	75,196	28,807	36,065	10,324
Column %	84.63	94.06	83.31	69.10
Row %	100.00	38.31	47.96	13.73
19+	2,606	262	1,462	882
Column %	2.93	0.86	3.38	5.60
Row %	100.00	10.05	56.10	33.84
<b>TOTAL</b>	<b>88,857</b>	<b>30,627</b>	<b>43,289</b>	<b>14,941</b>
Column %	100.00	100.00	100.00	100.00
Row %	100.00	34.47	48.72	16.81
<b>Average Credit Hours Enrolled</b>	<b>13.51</b>	<b>14.51</b>	<b>13.50</b>	<b>11.48</b>

Notes: Lower Division = Freshman + Sophomore + Other (Non-Matriculated).  
Upper Division = Junior + Senior + Unclassified 5 (Post-Baccalaureate).  
Grad/Prof = Graduate + Professional Students.

Table 2-7  
**Students by Enrolled Credit Hours: Fall 1998**  
**Public Four-Year Institutions – Main Campus Only**

Credit Hours	Student Classification by Division			
	Total	Lower	Upper	Grad/Prof
1-6	5,340	629	2,662	2,049
Column %	6.42	2.11	6.73	14.94
Row %	100.00	11.78	49.85	38.37
7-9	2,947	451	1,770	726
Column %	3.54	1.51	4.47	5.29
Row %	100.00	15.30	60.06	24.64
10-18	72,316	28,501	33,725	10,090
Column %	86.98	95.51	85.21	73.56
Row %	100.00	39.41	46.64	13.95
19+	2,534	261	1,421	852
Column %	3.05	0.87	3.59	6.21
Row %	100.00	10.30	56.08	33.62
<b>TOTAL</b>	<b>83,137</b>	<b>29,842</b>	<b>39,578</b>	<b>13,717</b>
Column %	100.00	100.00	100.00	100.00
Row %	100.00	35.89	47.61	16.40
<b>Average Credit Hours Enrolled</b>	<b>13.79</b>	<b>14.68</b>	<b>13.77</b>	<b>11.90</b>

Notes: Figures include UW Seattle, UW Evening Degree Programs, WSU Pullman, CWU, EWU, and TESC.  
Lower Division = Freshman + Sophomore + Other (Non-Matriculated).  
Upper Division = Junior + Senior + Unclassified 5 (Post-Baccalaureate).  
Grad/Prof = Graduate + Professional Students.

Table 2-8  
**Students by Enrolled Credit Hours: Fall 1998**  
**Public Four-Year Institutions – Branch Campuses Only**

Credit Hours	Student Classification by Division			
	Total	Lower	Upper	Grad/Prof
1-6	2,223	396	980	847
Column %	38.86	50.45	26.41	69.20
Row %	100.00	17.81	44.08	38.10
7-9	545	82	350	113
Column %	9.53	10.45	9.43	9.23
Row %	100.00	15.05	64.22	20.73
10-18	2,880	306	2,340	234
Column %	50.35	38.98	63.06	19.12
Row %	100.00	10.63	81.25	8.13
19+	72	1	41	30
Column %	1.26	0.13	1.10	2.45
Row %	100.00	1.39	56.94	41.67
<b>TOTAL</b>	<b>5,720</b>	<b>785</b>	<b>3,711</b>	<b>1,224</b>
Column %	100.00	100.00	100.00	100.00
Row %	100.00	13.72	64.88	21.40
<b>Average Credit Hours Enrolled</b>	<b>9.48</b>	<b>8.08</b>	<b>10.66</b>	<b>6.81</b>

Notes: Figures include UW Bothell, UW Tacoma, WSU Spokane, WSU Tri-cities, WSU Vancouver, and HECB – Timber Worker Replacement Programs.

Lower Division = Freshman + Sophomore + Other (Non-Matriculated).

Upper Division = Junior + Senior + Unclassified 5 (Post-Baccalaureate).

Grad/Prof = Graduate + Professional Students.

## Resident/Non-Resident Status

Ninety-four percent of students in the Community and Technical College System are domestic residents, while 6 percent are domestic non-resident and foreign students in Fall 1997 (see Table 2-9).

The percentages of resident, domestic non-resident, and foreign students of Total Four-Year Institutions are 87 percent, 9 percent, and 4 percent, respectively (Table 2-10). For the Graduate and Professional category, the percentage of resident students is only 68 percent, compared to more than 88 percent for undergraduate resident students. The regional universities have higher resident student percentages compared to the research universities (91 percent compared to 85 percent). See Table 2-10 to 2-12.

Table 2-9  
**Community and Technical College System**  
**Fall 1997 Resident and Non-Resident Students**

<b>Status</b>	<b>Headcount</b>	<b>Percent</b>
Resident	161,947	94.31
Non-Resident, Domestic	9,461	5.51
Non-Resident, Foreign	314	0.18
<b>TOTAL</b>	<b>171,722</b>	<b>100.00</b>

Notes: Figures include state-funded enrollments in Community Colleges, Technical Colleges, Timber Worker Displacement Program, Workforce Training Program, and Private Career Colleges.

Source: HEER-MIS Report, Fall 1997.

Table 2-10  
**Public Four-Year Institution**  
**Fall 1998 Resident and Non-Resident Students**

Status	Total		Lower Division	
	Headcount	Percent	Headcount	Percent
Resident	77,312	87.01	27,079	88.42
Non-Resident, Domestic	7,784	8.76	2,890	9.44
Non-Resident, Foreign	3,761	4.23	658	2.15
<b>TOTAL</b>	<b>88,857</b>	<b>100.00</b>	<b>30,627</b>	<b>100.00</b>

Status	Upper Division		G+P	
	Headcount	Percent	Headcount	Percent
Resident	40,015	92.44	10,218	68.39
Non-Resident, Domestic	2,048	4.73	2,846	19.05
Non-Resident, Foreign	1,226	2.83	1,877	12.56
<b>TOTAL</b>	<b>43,289</b>	<b>100.00</b>	<b>14,941</b>	<b>100.00</b>

Notes: Resident is a student who domiciled in Washington State according to the RCW 28B.15.012.  
 Domestic Non-Resident is a student who did not domicile in Washington State according to RCW 28B.15.012, or is not a foreign student.  
 Foreign Non-Resident is a student who attended an institution on an F-1 visa, or a Canadian with border crossing privilege.  
 Lower Division = Freshman + Sophomore + Other (non-matriculated).  
 Upper Division = Junior + Senior + Unclassified (post-baccalaureate).  
 G+P Division = Graduate + Professional.

Source: Higher Education Enrollment Report Table 18, Fall 1998.

Table 2-11  
**Research University Total**  
**Fall 1998 Resident and Non-Resident Students**

Status	Total		Lower Division	
	Headcount	Percent	Headcount	Percent
Resident	48,273	84.77	16,532	88.59
Non-Resident, Domestic	5,597	9.83	1,693	9.07
Non-Resident, Foreign	3,078	5.40	437	2.34
<b>TOTAL</b>	<b>56,948</b>	<b>100.00</b>	<b>18,662</b>	<b>100.00</b>

Status	Upper Division		G+P	
	Headcount	Percent	Headcount	Percent
Resident	23,371	91.61	8,370	65.52
Non-Resident, Domestic	1,298	5.09	2,606	20.40
Non-Resident, Foreign	843	3.30	1,798	14.08
<b>TOTAL</b>	<b>25,512</b>	<b>100.00</b>	<b>12,774</b>	<b>100.00</b>

Notes: Resident is a student who domiciled in Washington State according to the RCW 28B.15.012.  
 Domestic Non-Resident is a student who did not domicile in Washington State according to RCE 28B.15.012, or is not a foreign student.  
 Foreign Non-Resident is a student who attended an institution on a F-1 Visa, or a Canadian with border crossing privilege.  
 Lower Division = Freshman + Sophomore + Other (non-matriculated).  
 Upper Division = Junior + Senior + Unclassified (Post Baccalaureate).  
 G+P Division = Graduate + Professional.  
 Research University Total = UW + WSU + affiliated branch campuses.

Source: Higher Education Enrollment Report Table 18, Fall 1998.

Table 2-12  
**Regional University/College Total**  
**Fall 1998 Resident and Non-Resident Students**

Status	Total		Lower Division	
	Headcount	Percent	Headcount	Percent
Resident	29,039	91.01	10,547	88.15
Non-Resident, Domestic	2,187	6.85	1,197	10.00
Non-Resident, Foreign	683	2.14	221	1.85
<b>TOTAL</b>	<b>31,909</b>	<b>100.00</b>	<b>11,965</b>	<b>100.00</b>

Status	Upper Division		G+P	
	Headcount	Percent	Headcount	Percent
Resident	16,644	93.63	1,848	85.28
Non-Resident, Domestic	750	4.22	240	11.08
Non-Resident, Foreign	383	2.15	79	3.65
<b>TOTAL</b>	<b>17,777</b>	<b>100.00</b>	<b>2,167</b>	<b>100.00</b>

Notes: Resident is a student who domiciled in Washington State according to the RCW 28B.15.012.  
 Domestic Non-Resident is a student who did not domiciled in Washington State according to RCE 28B.15.012, or is not a foreign student.  
 Foreign Non-Resident is a student who attended an institution on a F-1 Visa, or a Canadian with border crossing privilege.  
 Lower Division = Freshman + Sophomore + Other (non-matriculated).  
 Upper Division = Junior + Senior + Unclassified (Post Baccalaureate).  
 G+P Division = Graduate + Professional.  
 Comprehensive University/College Total = CWU + EWU + TESC + WWU + affiliated program.

Source: Higher Education Enrollment Report Table 18, Fall 1998.

### Geographic Characteristics

King, Pierce, Snohomish, and Spokane Counties contribute almost 62 percent of total enrollment at two- and four-year public institutions; 79 percent of total enrollment is from west of the Cascades. This is consistent with population patterns. More than 79 percent of the population age 17 and over resides in Western Washington (Table 2-13). The county participation rate statistics are shown in Chapter 7.

Table 2-13  
**Total Two- and Four-Year Public Institution Fall Enrollment  
 with Washington Population Ages 17 and Over by County**

County	17+ State Population 1997	Fall 1997 Enrollment Two-Year Total	Fall 1998 Enrollment Four-Year Total	Total Two and Four- Year Fall Enrollment	% of Total
*King	1,264,829	52,122	25,906	78,028	32.89
*Pierce	496,258	19,512	6,602	26,114	11.01
*Snohomish	401,552	15,999	5,688	21,687	9.14
Spokane	305,942	13,060	7,030	20,090	8.47
*Clark	229,972	7,725	2,907	10,632	4.48
*Whatcom	117,116	6,954	2,331	9,285	3.91
*Thurston	147,124	5,382	3,211	8,593	3.62
*Kitsap	167,056	5,023	2,586	7,609	3.21
Yakima	146,617	4,741	2,344	7,085	2.99
Benton	95,460	4,108	2,672	6,780	2.86
*Skagit	72,063	3,067	995	4,062	1.71
*Cowlitz	68,248	2,868	897	3,765	1.59
*Lewis	49,978	2,525	644	3,169	1.34
*Grays Harbor	50,590	2,439	659	3,098	1.31
Walla Walla	41,022	2,431	595	3,026	1.28
*Chelan	45,249	1,902	877	2,779	1.17
*Clallam	51,576	1,982	649	2,631	1.11
Grant	48,160	1,702	848	2,550	1.08
*Island	53,938	1,804	594	2,398	1.01
Franklin	29,355	1,506	481	1,987	0.84
Whitman	33,489	219	1,236	1,455	0.61
*Mason	36,211	1,036	368	1,404	0.59
Kittitas	24,775	206	1,043	1,249	0.53
Okanogan	27,752	662	428	1,090	0.46
Stevens	26,879	585	482	1,067	0.45
*Jefferson	20,557	554	250	804	0.34
Adams	10,615	436	203	639	0.27
Asotin	14,458	437	197	634	0.27
*Pacific	16,586	368	143	511	0.22
Douglas	22,703	120	354	474	0.20
*San Juan	9,883	320	140	460	0.19
Ferry	5,270	334	91	425	0.18
Pend Oreille	8,177	280	144	424	0.18
Klickitat	13,944	164	176	340	0.14
Lincoln	7,386	123	185	308	0.13
Columbia	3,233	147	54	201	0.08
*Skamania	7,203	79	87	166	0.07
Garfield	1,801	69	45	114	0.05
*Wahkiakum	2,985	45	28	73	0.03
<b>Washington Total</b>	<b>4,176,014</b>	<b>163,036</b>	<b>74,170</b>	<b>237,206</b>	<b>100.00</b>
<b>Out of State</b>		<b>8,686</b>	<b>14,687</b>	<b>23,373</b>	
<b>TOTAL</b>	<b>4,176,014</b>	<b>171,722</b>	<b>88,857</b>	<b>260,579</b>	

\* West of the Cascades

Notes: Population West of the Cascades to total 3,308,976/4,176,014 = 79.25%. Enrollments West of the Cascades to total 187,347/237,206 = 78.95%

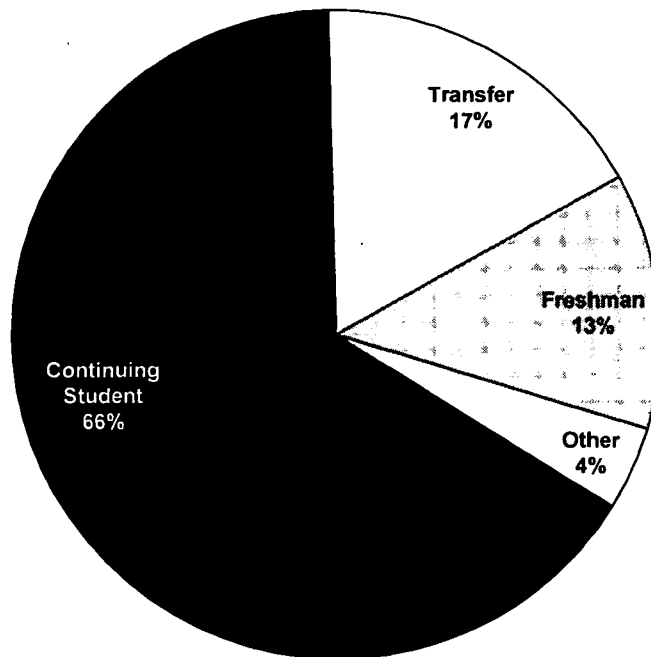
Sources: Population estimates from OFM. Enrollments from MIS (+TC) and HEER reports.

**Class Status, Retention, and Student Flow**

Of the Fall 1998 enrollment of 88,857 for four-year public institutions, 13 percent are freshman entrants, 17 percent are transfer students, 67 percent are continuing students, and 4 percent are other entrants (formerly returning and unknown students). See Figure 2-1 and Table 2-14. The continuing student share has increased in the past 19 years from 59 percent in 1979 to 67 percent in 1998. While the transfer student share has been about 17 percent for the past five years (1994-98), the share of freshman entrance shows an increase from 11.25 to 13.27 percent for the same period.

Table 2-15 shows an increase in the spring to fall retention rate from 71.65 percent in 1986 to 74.69 percent in 1993, a change of +3.04 percentage points in eight years. However, the retention drops in 1994 to 73.36 percent and to 73.13 percent in 1998. These are students who were enrolled in the previous spring and who continued their enrollment to the subsequent fall term. If higher retention rates reflect measures to reduce drop-out rates, they can be viewed positively. On the other hand, higher retention rates may also represent slow progress toward completion of studies, thereby reducing entrance opportunities for first-time students.

Figure 2-1  
**Fall 1998 Four-Year Public Enrollment Components**



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Table 2-14  
**Student Flow: Fall 1979 to Fall 1998**  
**Total Four-Year Public Universities/Colleges**

Fall	Freshman Entrance	Transfers	Continuing Student	Other Entrance	Total Fall Headcount	Actual Annual Average FTEs
1979	10,818	15,012	48,250	7,956	82,036	72,425
1980	10,532	13,032	49,446	9,686	82,696	74,090
1981	9,721	11,266	50,302	8,351	79,640	71,767
1982	9,807	11,126	49,591	7,173	77,697	70,012
1983	9,876	11,982	48,975	7,259	78,092	69,965
1984	10,042	12,254	48,799	7,099	78,194	69,570
1985	9,687	11,354	48,545	6,939	76,525	68,927
1986	9,504	12,377	49,945	4,732	76,558	68,961
1987	9,671	12,499	50,726	4,012	76,908	69,186
1988	9,978	12,470	51,130	3,804	77,382	69,934
1989	9,588	12,768	51,925	3,762	78,043	71,075
1990	9,320	13,941	53,646	3,610	80,517	72,566
1991	9,211	13,084	54,795	3,899	80,989	73,078
1992	9,209	14,313	54,968	3,798	82,288	74,423
1993	9,509	14,484	56,268	3,843	84,104	76,457
1994	9,561	14,938	56,878	3,604	84,981	77,391
1995	10,006	14,829	56,979	3,713	85,527	78,095
1996	10,338	15,222	57,306	3,682	86,730	79,571
1997	11,189	14,260	59,412	3,302	88,163	80,605
<b>1998</b>	<b>11,793</b>	<b>14,700</b>	<b>59,101</b>	<b>3,263</b>	<b>88,857</b>	<b>N/A</b>

**Percent of Total Headcount Enrollment Components**

Fall	Freshman Entrance	Transfers	Continuing Student	Other Entrance	Total
1979	13.19	18.30	58.82	9.70	100.00
1980	12.74	15.76	59.79	11.71	100.00
1981	12.21	14.15	63.16	10.49	100.00
1982	12.62	14.32	63.83	9.23	100.00
1983	12.65	15.34	62.71	9.30	100.00
1984	12.84	15.67	62.41	9.08	100.00
1985	12.66	14.84	63.44	9.07	100.00
1986	12.41	16.17	65.24	6.18	100.00
1987	12.57	16.25	65.96	5.22	100.00
1988	12.89	16.11	66.07	4.92	100.00
1989	12.29	16.36	66.53	4.82	100.00
1990	11.58	17.31	66.63	4.48	100.00
1991	11.37	16.16	67.66	4.81	100.00
1992	11.19	17.39	66.80	4.62	100.00
1993	11.31	17.22	66.90	4.57	100.00
1994	11.25	17.58	66.93	4.24	100.00
1995	11.70	17.34	66.62	4.21	100.00
1996	11.92	17.55	66.07	4.25	100.00
1997	12.69	16.17	67.39	3.75	100.00
<b>1998</b>	<b>13.27</b>	<b>16.54</b>	<b>66.51</b>	<b>3.67</b>	<b>100.00</b>

N/A: Not Applicable.

Notes: Freshman Entrance = Washington High School + Out-of-State High School.  
 Transfer = Washington Two-Year College + Washington Four-Year Institution + Out-of-State Institution.  
 Continuing Student = Student continued enrollment from the previous Spring term.  
 Other Entrance = Former Student Returning + Unknown Source.



Table 2-15  
**Total Four-Year Public Institution Retention Rates  
 Spring to Fall, 1986 to 1998<sup>1</sup>**

Class	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Freshman	81.54	82.36	84.23	85.30	86.23	85.84	86.71	87.15	86.61	85.35	85.60	86.12	85.71
Sophomore	84.42	84.99	86.89	87.48	87.76	88.43	89.39	90.70	88.49	86.80	87.28	88.05	88.93
Junior	88.73	88.87	90.27	91.57	91.15	91.03	92.34	91.88	90.93	89.08	88.37	90.11	90.91
Senior	51.22	53.51	52.27	51.53	53.40	53.58	52.47	53.70	52.35	53.40	52.93	52.49	49.48
Uncl. 5 (Post-Bac.)	45.95	51.60	51.79	54.69	52.93	57.82	61.16	60.61	56.33	56.60	55.81	58.68	57.53
Graduate	69.87	69.99	71.63	71.12	70.74	70.05	70.17	70.18	70.12	59.61	68.07	70.80	70.14
Professional	73.27	72.10	71.35	68.40	73.90	73.42	74.49	75.09	73.82	76.80	79.19	83.37	89.34
Other (Non-Matr.)	53.05	47.06	37.04	47.76	35.46	52.01	36.44	58.62	52.21	49.15	75.16	48.31	45.18
<b>TOTAL</b>	<b>71.65</b>	<b>72.76</b>	<b>73.41</b>	<b>73.87</b>	<b>74.35</b>	<b>74.88</b>	<b>74.33</b>	<b>74.69</b>	<b>73.36</b>	<b>72.95</b>	<b>72.81</b>	<b>73.67</b>	<b>73.13</b>
Spring Enrollment	70,197	70,331	70,081	70,290	72,149	73,177	73,960	75,340	77,531	78,104	78,701	80,648	80,819
Fall Retention	50,060	51,173	51,443	51,925	53,646	54,795	54,972	56,268	56,878	56,972	57,306	59,412	59,101

<sup>1</sup>Includes the Tri-Cities University Center enrollment during 1986-1989.

<sup>2</sup>Does not include Timber Worker Displacement program (funded through HECB) since 1993.

Source: HEER Table 14, Fall 1986-98.

## Student Flow

Table 2-16 indicates that for the past five years (1994-1998):

- The rate of Washington high school seniors entering the four-year institutions has gradually increased from 13.95% in 1994 to 14.46% 1998. See also Washington high school senior statistics in Appendix B-8.
- The number of out-of-state high school entrances has increased from 1,389 in 1994 to 1,654 in 1998, or from 1.63 percent of total four-year enrollment in 1994 to 1.86 percent in 1998.
- New transfers from the community college system have decreased from 15.45 percent to 14.87 percent of total community college academic FTEs.
- New transfers from Washington four-year institutions as a percentage of the total public four-year previous spring enrollment has slightly decreased since 1994 from 15.45% to 14.87%.
- Out-of-state transfers have increased from 4,628 to 4,684 from Fall 1994 to 1998. However, the percentage to total enrollment has decreased from 5.45% to 5.27%.
- Continuing students have increased from 56,878 to 59,101 students. However, as a percentage of the previous spring enrollment, the rates decreased from 73.24 percent to 72.91 percent.
- During 1994-98, there have been declining rates of transfer student and continuing student categories. However, the gain in new entering freshman rates have been more than offsetting the loss and contributed to the total increasing Fall term enrollment.

Table 2-16  
**Student Flow: Fall 1981 to Fall 1998**  
**Total Four-Year Public Universities/Colleges<sup>1</sup>**

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<b>Freshman Entrance</b>	9,721	9,807	9,876	10,042	9,687	9,504	9,671	9,978	9,588	9,320	9,211	9,375	9,509	9,561	10,006	10,338	11,189	11,793
WA High School	8,760	8,743	8,715	8,745	8,487	8,516	8,625	8,787	8,409	8,033	7,767	7,997	8,129	8,172	86,69	9,009	9,333	10,139
H.S. Senior Previous Fall	61,948	62,394	58,953	56,540	57,410	57,034	59,930	61,607	60,912	56,484	54,388	55,659	56,617	58,590	61,112	62,720	65,898	70,100 <sup>2</sup>
Percent	14.14	14.01	14.78	15.47	14.78	14.93	14.39	14.26	13.81	14.22	14.28	14.37	14.36	13.95	14.19	14.36	14.16	14.46
Out-of-State High School	961	1,064	1,161	1,297	1,200	988	1,046	1,191	1,179	1,287	1,444	1,378	1,380	1,389	1,337	1,329	1,856	1,654
Public 4-Yr Fall Headcount	79,640	77,697	78,092	78,194	76,525	76,558	76,908	77,382	78,043	80,517	80,989	82,288	84,104	84,981	85,527	86,730	88,163	88,857
Percent	1.21	1.37	1.49	1.66	1.56	1.29	1.36	1.54	1.51	1.60	1.78	1.67	1.64	1.63	1.56	1.53	2.11	1.86
<b>Transfer</b>	11,266	11,126	11,982	12,254	11,354	12,377	12,499	12,470	12,768	13,941	13,084	14,259	14,484	14,938	14,829	15,222	14,260	14,700
WA Community College	4,428	4,154	4,592	4,755	4,341	4,771	4,630	4,879	5,246	5,913	5,505	6,125	6,503	6,845	6,809	6,954	6,407	6,658
CC Academic AA FTE <sup>3</sup>	42,672	39,208	38,076	38,080	38,199	38,303	39,390	39,693	39,412	40,665	41,274	43,656	44,308	47,089	47,972	47,972	46,090	44,772
Percent	10.38	10.59	12.06	12.49	11.36	12.46	12.26	12.29	13.31	14.54	13.34	14.03	14.68	14.54	14.19	14.50	13.90	14.87
WA Four Year Institution	2,867	3,101	3,227	3,281	3,052	3,608	3,620	3,478	3,404	3,553	3,301	3,497	3,277	3,465	3,512	3,649	3,477	3,358
Public 4-Yr Previous Spring <sup>4</sup>	74,820	72,167	70,902	70,814	69,093	69,775	69,331	69,273	70,290	72,149	73,340	73,960	75,340	77,531	78,250	78,856	80,857	81,065
Percent	3.83	4.30	4.55	4.63	4.42	5.17	5.22	5.02	4.84	4.92	4.50	4.73	4.35	4.47	4.49	4.63	4.30	4.14
Out-of-State Institution	3,971	3,871	4,163	4,218	3,961	3,998	4,049	4,113	4,118	4,475	4,278	4,637	4,704	4,628	4,508	4,619	4,376	4,684
Public 4-Yr Fall Headcount	79,640	77,697	78,092	78,194	76,782	76,558	76,908	77,382	78,043	80,517	80,989	82,288	84,104	84,981	85,527	86,730	88,163	88,857
Percent	4.99	4.98	5.33	5.39	5.16	5.22	5.26	5.32	5.28	5.56	5.28	5.64	5.59	5.45	5.27	5.33	4.96	5.27
<b>Continuing Student</b>	50,302	49,591	48,975	48,799	48,545	49,945	50,726	51,130	51,925	53,646	54,795	54,968	56,268	56,878	56,979	57,306	59,412	59,101
Public 4-Yr Previous Spring	74,820	72,167	70,901	70,814	69,093	69,775	69,331	69,273	70,290	72,149	73,340	73,960	75,404	77,557	78,250	78,856	80,857	81,065
Percent Retained	67.23	68.72	69.08	68.91	70.26	71.58	73.16	73.81	73.87	74.35	74.71	74.32	74.62	73.24	72.82	72.67	73.48	72.91
<b>Other Entrance</b>	8,351	7,173	7,259	7,099	6,939	4,732	4,012	3,804	3,762	3,610	3,899	3,686	3,843	3,604	3,713	3,864	3,302	3,263
Former Student	6,103	5,521	5,371	5,489	5,527	4,622	3,949	3,689	3,664	3,292	3,359	3,473	3,298	2,948	2,962	2,878	2,715	2,714
Unknown <sup>4</sup>	2,248	1,652	1,888	1,610	1,412	110	163	115	98	318	540	213	545	656	751	986	587	549
<b>Total Fall Headcount</b>	79,640	77,697	78,092	78,194	76,525	76,558	76,908	77,382	78,043	80,517	80,989	82,288	84,104	84,981	85,527	86,730	88,163	88,857
<b>Total AA FTE</b>	71,767	70,012	69,965	69,570	68,927	68,961	69,177	69,934	71,075	72,566	73,078	74,423	76,457	77,391	78,095	80,409	80,603	82,002 <sup>5</sup>

<sup>1</sup>Does not include the Tri-Cities University Center enrollment, during Fall 1979 to Fall 1988.

<sup>2</sup>Projected number. (See Appendix B-8.)

<sup>3</sup>Figures for 1993-94 to present includes Technical Colleges.

<sup>4</sup>Includes HECB-Timber Worker Displacement Program during 1991-98.

<sup>5</sup>Budget Target (Includes Timber Worker Displacement program).



### Chapter 3

## Actual and Budgeted Full-Time Equivalents of Washington Two- and Four-Year Public Institutions

**T**HE OFFICE OF FINANCIAL MANAGEMENT (OFM) monitors actual budget activity of the community colleges and four-year institutions relative to budgeted full-time equivalents (FTEs).

This chapter reviews recent trends in both budgeted and actual FTEs. Sources are from OFM Budget Driver Reports.

For the public institution system, the variance between the actual and budgeted annual average FTEs ranged from 2,190, 7,430, and 1,006 during Fiscal Years 1990, 1996, and 1998 with the percent differences ranging from +1.4, +3.9, and +0.5 respectively.

For the two-year system, the average percentage variance during 1987-90 was +1.4 percent. The variance dropped to +0.6 percent in 1991, increased to +5.4 percent in 1996, and dropped to 3.7 percent in 1998 (Table 3-2).

For the four-year public institutions as a whole, the variances averaged about +1.0 percent during the last five years (1994-98) or about 638 FTEs. In 1998, the variance was -493 FTEs or -0.6 percent under the budgeted FTEs (Table 3-3).

Institutional actual and budgeted FTEs are shown in Tables 3-4 through 3-16.

Table 3-1  
**Public Two- and Four-Year University/College<sup>1</sup> System**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1978	156,750	156,733	17	0.0%
FY 1979	158,709	159,105	-396	-0.2%
FY 1980	170,273	161,438	8,835	5.5%
FY 1981	174,447	159,044 <sup>2</sup>	15,403	9.7%
FY 1982	157,868	159,200 <sup>2</sup>	-1,332	-0.8%
FY 1983	152,121	151,589 <sup>2</sup>	532	0.4%
FY 1984	152,282	151,755	527	0.3%
FY 1985	152,795	152,067	728	0.5%
FY 1986	152,483	152,435	48	0.0%
FY 1987	153,367	152,489	878	0.6%
FY 1988	153,481	152,611	870	0.6%
FY 1989	154,325	152,711	1,614	1.1%
FY 1990 <sup>3</sup>	156,971	154,779	2,192	1.4%
FY 1991	158,581	157,241	1,340	0.9%
FY 1992 <sup>4</sup>	162,878	160,300	2,578	1.6%
FY 1993 <sup>4</sup>	166,012	163,549	2,463	1.5%
FY 1994 <sup>5</sup>	187,492 (12,483) <sup>6</sup>	182,604	4,888	2.7%
FY 1995 <sup>5</sup>	190,795 (11,492) <sup>6</sup>	186,112	4,683	2.5%
FY 1996 <sup>5</sup>	196,170 (11,104) <sup>6</sup>	188,740	7,430	3.9%
FY 1997 <sup>5</sup>	198,086 (14,333) <sup>6</sup>	194,735	3,351	1.7%
FY 1998 <sup>5</sup>	198,530 (13,596) <sup>6</sup>	197,524	1,006	0.5%

<sup>1</sup>Does not include the Tri-Cities University Center, 1978-89.

<sup>2</sup>Final revised budgeted enrollment level.

<sup>3</sup>WSU Tri-Cities is included, beginning 1990.

<sup>4</sup>Includes Timber Worker Displacement program (See Table 3-16).

<sup>5</sup>Includes Timber Worker Displacement and Workforce Training programs, and Technical Colleges. 1998 includes Private Career Colleges.

<sup>6</sup>Figures in parenthesis are for Technical Colleges without Timber Worker on WFT enrollments in TC.

Table 3-2  
**Community College System**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1978	85,666	86,072	-406	-0.5%
FY 1979	88,192	88,243	-51	-0.1%
FY 1980	97,848	90,101	7,747	8.6%
FY 1981	100,357	87,369 <sup>1</sup>	12,988	14.9%
FY 1982	86,101	87,400 <sup>1</sup>	-1,299	0.0%
FY 1983	82,109	79,789 <sup>1</sup>	2,320	2.9%
FY 1984	82,317	83,000	-683	-0.8%
FY 1985	83,225	83,000	225	0.3%
FY 1986	83,556	83,300	256	0.3%
FY 1987	84,406	83,300	1,106	1.3%
FY 1988	84,304	83,300	1,004	1.2%
FY 1989	84,392	83,300	1,092	1.3%
FY 1990	85,896	84,500	1,396	1.7%
FY 1991	86,015	85,500	515	0.6%
FY 1992 <sup>2</sup>	89,800	87,650	2,150	2.4%
FY 1993 <sup>2</sup>	91,590	89,800	1,790	2.0%
FY 1994 <sup>3</sup>	111,035 (12,483) <sup>4</sup>	107,670	3,365	3.1%
FY 1995 <sup>3</sup>	113,404 (11,453) <sup>4</sup>	110,386	3,018	2.7%
FY 1996 <sup>3</sup>	118,075 (14,104) <sup>4</sup>	111,986	6,089	5.4%
FY 1997 <sup>3</sup>	118,515 (14,333) <sup>4</sup>	114,326	4,189	3.7%
FY 1998 <sup>3</sup>	117,925 (13,596) <sup>4</sup>	116,426	1,499	1.3%

<sup>1</sup>Final Revised Budgeted Enrollment Level.

<sup>2</sup>Includes Timber Worker Displacement program (See Table 3-16).

<sup>3</sup>Includes Timber Worker Displacement and Workforce Training programs, and Technical Colleges. 1998 includes Private Career Colleges.

<sup>4</sup>Figures in parenthesis are for Technical Colleges without Timber Workers or WFT enrollments in TC.

Table 3-3  
**Public Four-Year System<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1978	71,084	70,661	423	0.6%
FY 1979	70,517	70,862	-345	-0.5%
FY 1980	72,425	71,337	1,088	1.5%
FY 1981	74,090	71,675	2,415	3.4%
FY 1982	71,767	71,800	-33	0.0%
FY 1983	70,012	71,800	-1,788	-2.5%
FY 1984	69,965	68,755	1,210	1.8%
FY 1985	69,570	69,067	503	0.7%
FY 1986	68,927	69,135	-208	-0.3%
FY 1987	68,961	69,189	-228	-0.3%
FY 1988	69,177	69,311	-134	-0.2%
FY 1989	69,933	69,411	522	0.8%
FY 1990	71,075 <sup>2</sup>	70,279 <sup>2</sup>	796	1.1%
FY 1991	72,566	71,741	825	1.1%
FY 1992 <sup>3</sup>	73,078	72,650	428	0.6%
FY 1993	74,422	73,749	673	0.9%
FY 1994	76,457	74,934	1,523	2.0%
FY 1995	77,391	75,726	1,665	2.2%
FY 1996	78,095	76,754	1,341	1.8%
FY 1997	79,571	80,409	-838	-1.0%
FY 1998	80,605	81,098	-493	-0.6%

<sup>1</sup>Does not include the Tri-Cities University Center, 1978-89.

<sup>2</sup>Beginning in FY 1990, WSU Tri-Cities is included.

<sup>3</sup>Includes Timber Worker Displacement program since 1992 (See Table 3-16).

Table 3-4  
**University of Washington - Seattle<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1978	31,754	31,105	649	2.1%
FY 1979	31,396	31,210	186	0.6%
FY 1980	31,737	31,210	527	1.7%
FY 1981	31,640	31,210	430	1.4%
FY 1982	30,190	31,000	-810	-2.6%
FY 1983	29,764	31,000	-1,236	-4.0%
FY 1984	29,673	29,496	177	0.6%
FY 1985	29,780	29,496	284	1.0%
FY 1986	29,570	29,500	70	0.2%
FY 1987	29,475	29,500	-25	-0.1%
FY 1988	29,493	29,500	-7	0.0%
FY 1989	29,679	29,500	179	0.6%
FY 1990	29,623	29,500	123	0.4%
FY 1991	29,711	29,500	211	0.7%
FY 1992	30,020	29,583	437	1.5%
FY 1993	30,225	29,666	559	1.9%
FY 1994	30,174	29,762	412	1.4%
FY 1995	30,115	29,826	289	1.0%
FY 1996	30,173	29,857	316	1.1%
FY 1997	30,825	30,455	370	1.2%
FY 1998	31,021	30,680	341	1.1%

<sup>1</sup>The Evening Degree Program, Bothell, and Tacoma enrollments are listed separately.

Table 3-5  
**University of Washington – Evening Degree Program<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1991 to FY 1998**

	Actual Average FTEs	Budget Target	Percent Variance	Variance
FY 1991	188	300	-112	-37.3%
FY 1992	279	337	-58	-17.2%
FY 1993	365	375	-10	-2.7%
FY 1994	392	465	-73	-15.7%
FY 1995	449	525	-76	-14.5%
FY 1996	570	571	-1	-0.2%
FY 1997	678	617	61	9.8%
FY 1998	744	617	127	20.6%

<sup>1</sup>Program began Fall 1991.

Table 3-6  
**University of Washington - Bothell<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1991 to FY 1998**

	Actual Average FTEs	Budget Target	Percent Variance	Variance
FY 1991	85	300	-215	-71.7%
FY 1992	168	300	-132	-44.0%
FY 1993	273	395	-122	-30.9%
FY 1994	344	427	-83	-19.4%
FY 1995	404	449	-45	-10.1%
FY 1996	509	533	-24	-4.4%
FY 1997	638	685	-47	-6.9%
FY 1998	799	775	24	3.1%

<sup>1</sup>Program began Fall 1991.

Table 3-7  
**University of Washington - Tacoma<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1991 to FY 1998**

	Actual Average FTEs	Budget Target	Percent Variance	Variance
FY 1991	139	300	-161	-53.7%
FY 1992	256	300	-44	-14.7%
FY 1993	347	390	-43	-11.0%
FY 1994	431	450	-19	-4.2%
FY 1995	526	490	36	7.4%
FY 1996	559	588	-29	-4.9%
FY 1997	717	747	-30	-4.0%
FY 1998	834	847	-13	-1.5%

<sup>1</sup>Program began Fall 1991.

Table 3-8  
**Washington State University - Pullman<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Percent Variance	Variance
FY 1978	16,338	16,498	-160	-1.0%
FY 1979	16,150	16,500	-350	-2.1%
FY 1980	16,670	16,500	170	1.0%
FY 1981	17,266	16,500	766	4.6%
FY 1982	16,682	16,500	182	1.1%
FY 1983	16,382	16,500	-118	-0.7%
FY 1984	16,035	16,000	35	0.2%
FY 1985	15,951	16,000	-49	-0.3%
FY 1986	15,691	15,902	-211	-1.3%
FY 1987	15,599	15,884	-285	-1.8%
FY 1988	15,650	15,884	-234	-1.5%
FY 1989	15,644	15,884	-240	-1.5%
FY 1990	16,040	15,799	241	1.5%
FY 1991	15,992	15,799	193	1.2%
FY 1992	15,565	15,785	-220	-1.4%
FY 1993	15,661	15,827	-166	-1.1%
FY 1994	16,223	15,965	258	1.6%
FY 1995	16,555	15,991	564	3.5%
FY 1996	16,853	16,205	648	4.0%
FY 1997	16,852	17,403	-551	-3.2%
FY 1998	16,821	17,403	-582	-3.3%

<sup>1</sup>The WSU-Spokane, Tri-Cities, and Vancouver enrollments are listed separately. WSU-Timber Worker Displacement program is listed in Table 3-16.

Table 3-9  
**Washington State University - Spokane<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1990 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1990	36	19	17	89.5%
FY 1991	143	54	89	164.8%
FY 1992	148	143	5	3.5%
FY 1993	183	177	6	3.4%
FY 1994	230	248	-18	-7.3%
FY 1995	262	258	4	1.6%
FY 1996	317	283	34	11.8%
FY 1997	364	352	12	3.4%
FY 1998	288	352	-64	-18.2%

<sup>1</sup>Program began Fall 1990.

Table 3-10  
**Washington State University - Tri-Cities<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1987	230	240	-10	-4.2%
FY 1988	385	385	0	0.0%
FY 1989	381	385	-4	-1.0%
FY 1990	384	390	-6	-1.5%
FY 1991	406	410	-4	-1.0%
FY 1992	424	448	-24	-5.4%
FY 1993	492	486	6	1.2%
FY 1994	530	519	11	2.1%
FY 1995	624	541	83	15.3%
FY 1996	619	624	-5	-0.8%
FY 1997	656	724	-69	-9.5%
FY 1998	647	754	-107	-14.2%

<sup>1</sup>The Tri-Cities University Center opened in 1958. Beginning 1990, WSU is the program fiscal agent.

Table 3-11  
**Washington State University -Vancouver<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1990 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1990	130	104	26	25.0%
FY 1991	236	218	18	8.3%
FY 1992	315	301	14	4.7%
FY 1993	349	385	-36	-9.4%
FY 1994	484	511	-27	-5.3%
FY 1995	566	595	-30	-5.0%
FY 1996	636	723	-87	-12.0%
FY 1997	722	851	-129	-15.2%
FY 1998	828	851	-24	-2.8%

<sup>1</sup>Program began Fall 1990.

Table 3-12  
**Central Washington University**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1978	5,842	5,852	-10	-0.2%
FY 1979	5,711	5,852	-141	-2.4%
FY 1980	5,895	5,868	27	0.5%
FY 1981	5,987	5,895	92	1.6%
FY 1982	5,995	5,900	95	1.6%
FY 1983	5,949	5,900	49	0.8%
FY 1984	6,067	5,800	267	4.6%
FY 1985	6,003	5,955	48	0.8%
FY 1986	5,916	5,955	-39	-0.7%
FY 1987	6,040	5,955	85	1.4%
FY 1988	6,015	5,877	138	2.3%
FY 1989	6,018	5,877	141	2.4%
FY 1990	6,221	5,997	224	3.7%
FY 1991	6,429	6,090	339	5.6%
FY 1992	6,312	6,270	42	0.7%
FY 1993	6,588	6,451	137	2.1%
FY 1994	7,339	6,666	673	10.1%
FY 1995	7,737	6,810	527	7.7%
FY 1996	7,339	6,903	436	6.3%
FY 1997	7,448	7,256	192	2.7%
FY 1998	7,474	7,346	128	1.8%



Table 3-13  
**Eastern Washington University**  
**Variance from Budgeted Enrollment<sup>1</sup>: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1978	6,280	6,300	-20	-0.3%
FY 1979	6,307	6,400	-93	-1.5%
FY 1980	6,756	6,475	281	4.3%
FY 1981	7,212	6,575	637	9.7%
FY 1982	7,085	6,800	285	4.2%
FY 1983	7,126	6,800	326	4.8%
FY 1984	7,220	7,000	220	3.1%
FY 1985	7,144	7,000	144	2.1%
FY 1986	6,871	7,000	-129	-1.8%
FY 1987	6,809 <sup>1</sup>	7,000 <sup>1</sup>	-191	-2.7%
FY 1988	6,872 <sup>1</sup>	7,000 <sup>1</sup>	-128	-1.8%
FY 1989	6,924 <sup>1</sup>	7,000 <sup>1</sup>	-76	-1.1%
FY 1990	7,214 <sup>1</sup>	7,020 <sup>1</sup>	194	2.8%
FY 1991	7,417 <sup>1</sup>	7,020 <sup>1</sup>	397	5.7%
FY 1992	7,360	7,194	166	2.3%
FY 1993	7,533	7,368	165	2.2%
FY 1994	7,635	7,429	206	2.8%
FY 1995	7,605	7,573	32	0.4%
FY 1996	7,364	7,656	-292	-3.8%
FY 1997	6,945	7,825	-880	-11.3%
FY 1998	6,907	7,739	-832	-10.8%

<sup>1</sup>Budgeted enrollment includes EWU's participation in the Intercollegiate Center for Nursing Education (about 130 FTEs).

Table 3-14  
**The Evergreen State College**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1978	2,303	2,500	-197	-7.9%
FY 1979	2,034	2,400	-366	-15.3%
FY 1980	2,175	2,300	-125	-5.4%
FY 1981	2,388	2,375	13	0.5%
FY 1982	2,432	2,500	-68	-2.7%
FY 1983	2,267	2,500	-233	-9.3%
FY 1984	2,365	2,209	156	7.1%
FY 1985	2,426	2,366 <sup>1</sup>	60	2.5%
FY 1986	2,582	2,528 <sup>1</sup>	54	2.1%
FY 1987	2,628	2,600 <sup>1</sup>	28	1.1%
FY 1988	2,790	2,800	-10	-0.4%
FY 1989	3,018	2,900	118	4.1%
FY 1990	2,988	3,000	-12	-0.4%
FY 1991	3,089	3,100	-11	-0.4%
FY 1992	3,203	3,139	64	2.0%
FY 1993	3,236	3,178	58	1.8%
FY 1994	3,282	3,226	56	1.7%
FY 1995	3,377	3,258	119	3.6%
FY 1996	3,387	3,278	109	3.3%
FY 1997	3,489	3,406	83	2.5%
FY 1998	3,728	3,496	232	6.6%

<sup>1</sup>Final Revised Budgeted Enrollment Level.

Table 3-15  
**Western Washington University**  
**Variance from Budgeted Enrollment: FY 1978 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
FY 1978	8,567	8,406	161	1.9%
FY 1979	8,919	8,500	419	4.9%
FY 1980	9,192	8,984	208	2.3%
FY 1981	9,597	9,120	477	5.2%
FY 1982	9,383	9,100	283	3.1%
FY 1983	8,524	9,100	-576	-6.3%
FY 1984	8,605	8,250	355	4.3%
FY 1985	8,266	8,250	16	0.2%
FY 1986	8,297	8,250	47	0.6%
FY 1987	8,410	8,250	160	1.9%
FY 1988	8,357	8,250	107	1.3%
FY 1989	8,650	8,250	400	4.8%
FY 1990	8,439	8,450	-11	-0.1%
FY 1991	8,731	8,650	81	0.9%
FY 1992	9,021	8,825	196	2.2%
FY 1993	9,139	9,001	138	1.5%
FY 1994	9,347	9,216	131	1.4%
FY 1995	9,486	9,360	126	1.4%
FY 1996	9,651	9,483	168	1.8%
FY 1997	10,101	10,038	63	0.6%
FY 1998	10,367	10,188	179	1.8%

Table 3-16  
**Higher Education Coordinating Board - Timber Worker Displacement Program<sup>1</sup>**  
**Variance from Budgeted Enrollment: FY 1992 to FY 1998**

	Actual Average FTEs	Budget Target	Variance	Percent Variance
WSU - Port Angeles, Aberdeen, and Omak				
FY 1992	7	25	-18	-72.0%
FY 1993	25	40	-15	-37.5%
FY 1994	36	35	1	2.9%
FY 1995 <sup>2</sup>	74	35	39	110.0%
FY 1996 <sup>2</sup>	101	25	76	304.0%
FY 1997 <sup>2</sup>	119	25	94	376.0%
FY 1998 <sup>2</sup>	141	35	106	302.9%
WWU - Port Angeles				
FY 1993	6	10	-4	-37.2%
FY 1994	12	15	-3	-20.0%
FY 1995	13	15	-2	-13.3%
FY 1996	17	25	-8	-32.0%
FY 1997	17	25	-8	-32.0%
FY 1998	7	15	-8	-55.6%

<sup>1</sup>Program began FY 1992.

<sup>2</sup>Includes other non-state funded sources.



## Chapter 4

# Baseline Fall Enrollment Projections, 1999-2000 to 2020-2021

IN ACCORDANCE WITH RCW 43.62.050, the Office of Financial Management (OFM) issues biennial projections of higher education enrollment based on "current" rates of participation.

The enrollment projections reflect the number of students that would enroll in public two- and four-year higher education institutions in the future if "current" participation rates by age and sex were maintained. The projections are based upon the actual Fall 1997 participation rate for the two-year colleges and the Fall 1998 participation rate for four-year institutions. The rates are computed by using single year of age and sex of the population age 17 years old and over.

The enrollment projections are prepared in three steps. The first step is to calculate the participation rates, which are the number of students enrolled in Fall 1997 and 1998 per 100 population of the corresponding year. The rate is computed for each single year of age and sex.

The second step is to apply the calculated participation rates to the most recent OFM population forecast (prepared in November 1999) for 1999-2020. This results in fall headcount enrollment projections by single year of age and sex categories. The primary assumption of the projections is that the participation rate for 1999-2020 is held constant at the 1997 rate for the two-year and 1998 for four-year institutions.

In the third step, the projected headcount enrollments are converted to annual average full-time equivalent (FTE) enrollments by applying the actual previous and most recent three-year average ratio of annual average FTEs to fall headcount (See Appendix B-7).

The projections represent the level of enrollments that would be attained in the future if current participation rates for 1997 and 1998 were maintained. Therefore, the projections do not reflect persons who may currently be unserved by the Washington higher education system. Chapter 5 supplements the "current participation rate" projection for the four-year institutions with an analysis of unmet demand – students who apply to Washington four-year institutions, but who are subsequently unserved by any component of the Washington higher education system.

## Baseline Enrollment Projections

Since population change and participation rates are two key ingredients in the enrollment projections, trends in these two areas will be reviewed before presenting the enrollment projections.

## **Population Change, 1970-2020**

*See Figures 4-1, 4-2 and Appendix B-2*

Higher education enrollment growth has been closely tied to the long-term demographic trends of the state, especially the prime college age population age 17 to 22 years.

Strong growth in the prime college age population groups beginning in the 1999-2001 Biennium is expected to place substantial additional enrollment pressures on the two- and four-year institutions.

After growing very rapidly during the 1970's, the 17 to 22 age population declined through most of the 1980's and most of 1990's. The number of persons age 17 to 22 is forecast to rise sharply, from 451,007 in 1998 to 492,905 in 2001, and continue to grow rapidly after 2001, reaching 589,742 by the year 2011 and gradually decreasing to 563,428 in 2020.

The age 23 to 29-year old population, which also declined during the 1980's, is forecast to decrease by about 14,000 during the 1999-2001 Biennium. This 23 to 29-year old group will resume strong growth in the 2002 to 2018 period.

The age 30 to 44 and age 45 and over population groups, which participate in higher education at much lower rates than 17 to 22-year olds, will continue to grow during the 1999-2001 Biennium. However, due to their low participation rates, these groups will place relatively little pressure on higher education enrollments.

## **Participation Rates**

### **(1970-71 to 1997-98 for Two-Year and 1970-98 for Four-Year)**

*See Figure 4-3 and Appendix B-5 for two-year institutions*

*See Figure 4-4 and Appendix B-4 for four-year institutions*

Highlights for the participation rate historical trends of two- and four-year system will be prepared in three separate decades during 1970 to present.

Since the new creation and early development of the community college system in 1960's, its participation rates strongly increased during the 1970's. However, the increase in the two-year system rates were at the expense of the four-year system. The evidence was apparent and reflected in the decrease of the four-year participation rates in the same period, especially in the youngest age group.

In 1980's, the earlier year rates decreased and was due mainly to the legislative enrollment lid policy. The rates picked up in the later years for the youngest prime college group, 17-22 year old, while the older group, 23-29 year old, rates continued to drop until 1990 for both two- and four-year system.

A new rise of the participation rates clearly started again from 1990 with a momentum from the late 1980's. The rates of youngest and older groups for both two- and four-year system have steadily increased. The rate was at the historical highest for the two-year youngest group in

1997-98. The inclusion of the technical college enrollment and the expansion of the workforce training program are partly contributing to the gain of enrollments. In the same fashion, the new opening of branch campuses in the late 1980's and more liberal state enrollment policy certainly adds more enrollment to the four-year system.

For the 30+ year old group, the participation rates have been relatively low. The rates also have been stable throughout the three decades from 1970 to present.

Figure 4-1  
Population History and Forecast of Persons Age 17 to 22 and 23 to 29  
1970 to 2020

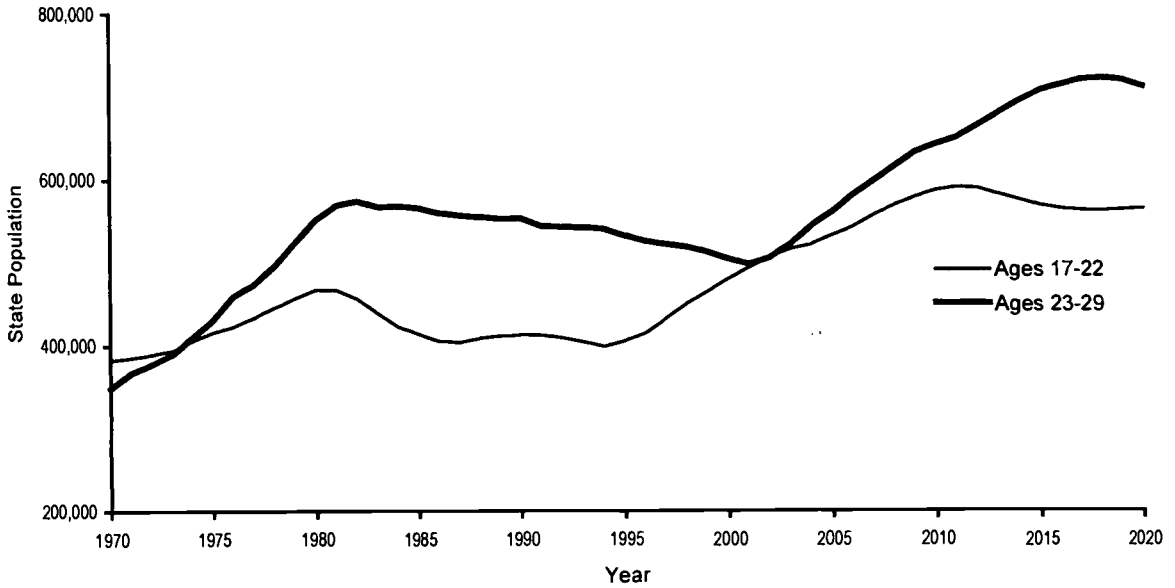


Figure 4-2  
Population History and Forecast of Persons Age 30 to 44 and 45+,  
1970 to 2020

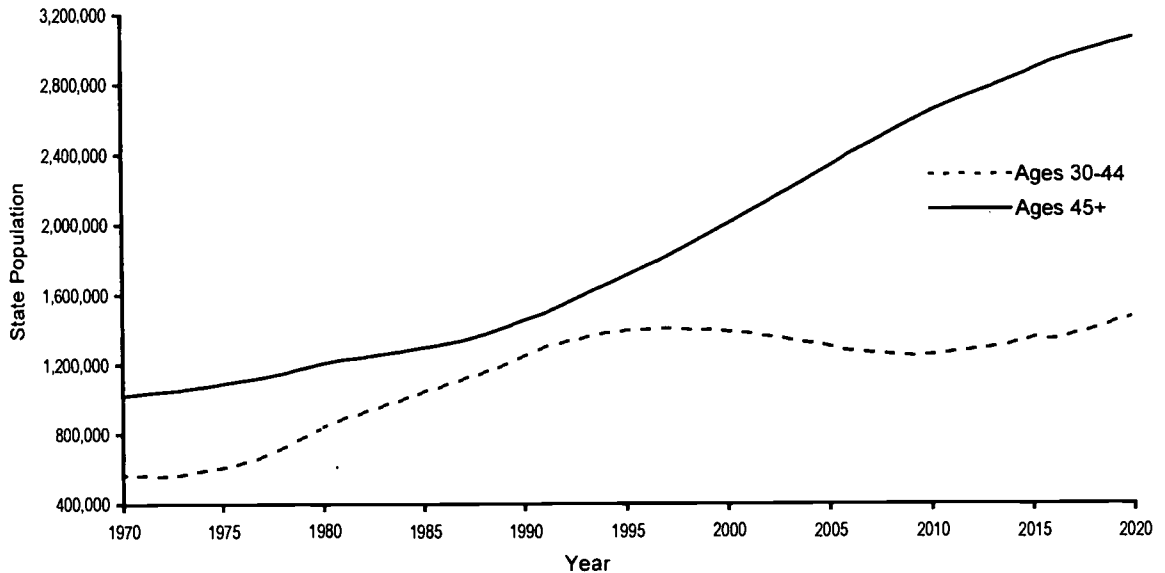
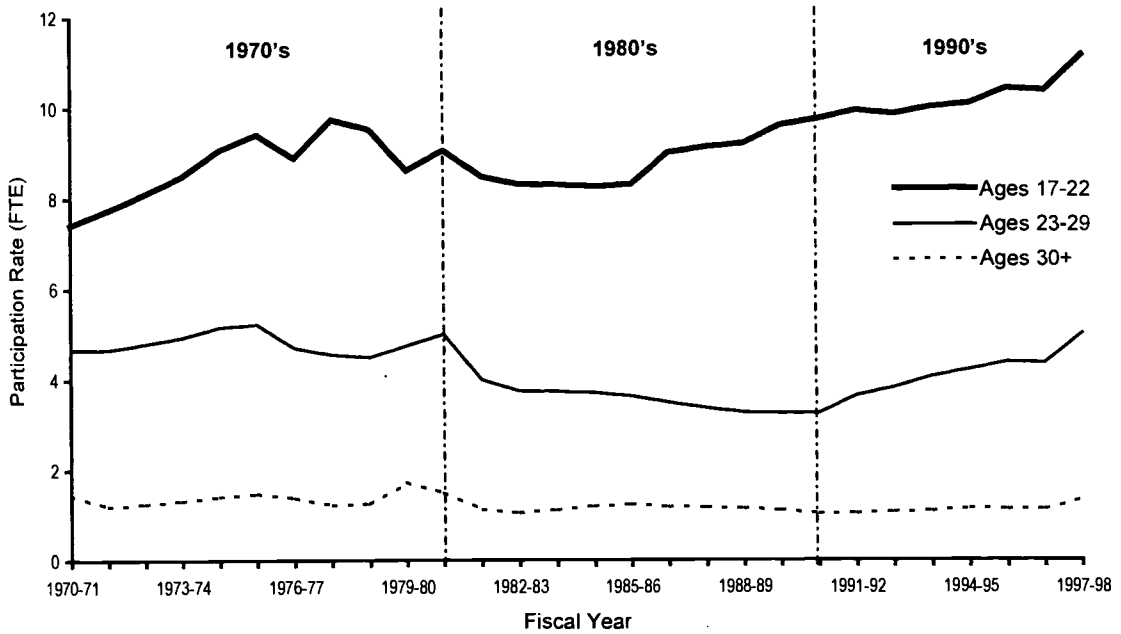


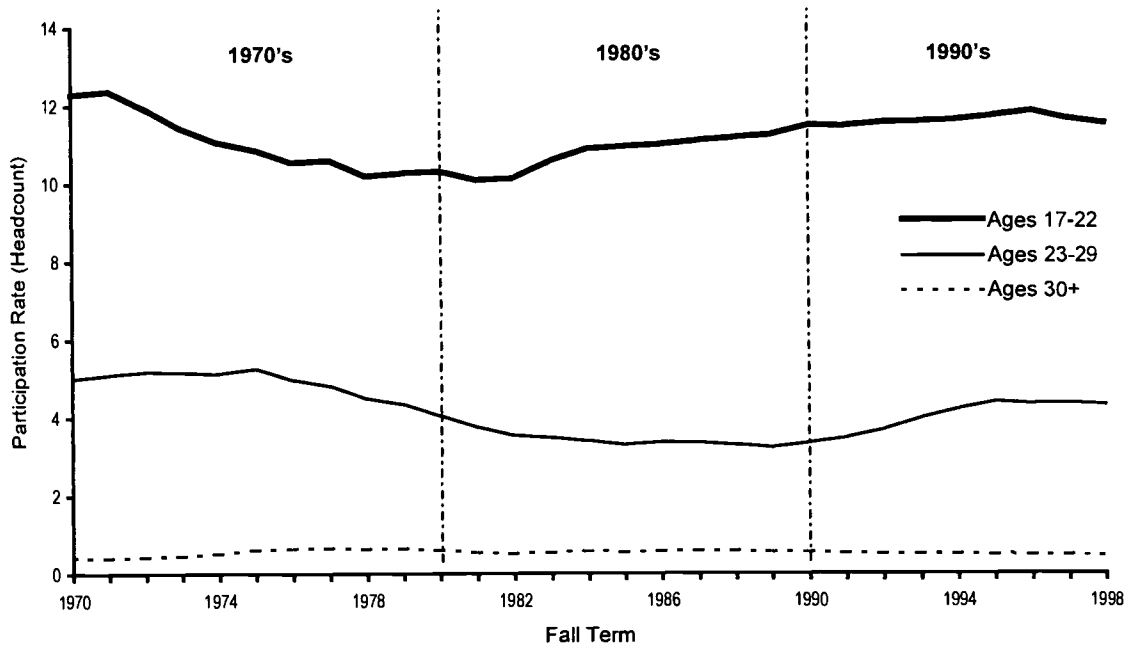
Figure 4-3  
**Participation Rates for Public Two-Year System  
 by Selected Age Groups, 1970-71 to 1997-98**



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Figure 4-4  
**Participation Rates for Public Four-Year Universities/Colleges  
 by Selected Age Groups, 1970 to 1998**



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## **Baseline Enrollment Projections 1999-2000 to 2020-2021**

*See Table 4-1, Figure 4-5*

### **1999-2000 to 2000-2001 Biennium FTE Enrollment Projections**

*See Table 4-1 (ref: "Current Part. Rates) and Figure 4-5*

To maintain the 1997 participation rates, the projected FTE enrollments of the next biennium for the two-year system are 122,141 and 123,671 for 1999-2000 and 2000-2001 fiscal year respectively. It is an increase of 3,615 FTE from 1998-99 budgeted enrollments for 1999-2000 and an increase of 1,530 FTE for 2000-2001.

The projection for the four-year system are based on the 1998 participation rates. The projected FTE enrollments are 83,321 and 84,942 for 1999-2000 and 2000-2000. They are increases of 1,319 and 1,316 FTE enrollments for each subsequent year of the 1999-2001 biennium.

### **2001-2002 to 2009-2010 Medium-Range FTE Enrollment Projections**

*See Table 4-1 (ref: "Current Part. Rates) and Figure 4-5*

The public higher education FTE projections for the next 9 years show an average increase of about 2,500 for each fiscal year for two-year institutions. The projection for the four-year institutions indicate an increase of about 1,800 for each fiscal year during 2001-2002 to 2019-2110.

### **2010-2011 to 2020-2021 Long-Range FTE Enrollment Projections**

*See Table 4-1 (ref: "Current Part. Rates) and Figure 4-5*

FTE projections over the next 11 years show a less than average enrollment increase of 1,000 FTE enrollments compared to the period in the medium-range projection for the two-year institutions. For the four-year institutions, the FTE projection indicates an annual average decrease of about 300 during 2010-2011 to 2020-2021.



Table 4-1  
**Public Two- and Four-Year FTE Enrollment Projections**  
**As completed by November, 1998**

Fiscal Year	Current Participation Rates <sup>1</sup>				5781 Minimum <sup>2</sup>				5781 HECB Goal <sup>3</sup>			
	CTC	Difference	4-Yr	Difference	CTC	Difference	4-Yr	Difference	CTC	Difference	4-Yr	Difference
<b>Budgeted</b>												
1997-98	116,426		81,098		116,426		81,098		116,426		81,098	
1998-99	118,526	2,100	82,002	904	118,526	2,100	82,002	904	118,526	2,100	82,002	904
<b>Actual</b>												
1997-98	117,925		80,605		117,925		80,605		117,925		80,605	
<b>Projected</b>												
1999-00	122,141	3,615	83,321	1,319	103,390	-15,136	80,271	-1,731				
2000-01	123,671	1,530	84,942	1,620	104,617	1,227	81,802	1,531				
2001-02	125,170	1,500	86,832	1,890	105,871	1,254	83,649	1,847				
2002-03	127,206	2,036	88,503	1,671	107,464	1,593	85,188	1,540				
2003-04	129,242	2,036	90,173	1,671	109,058	1,593	86,728	1,540				
2004-05	131,278	2,036	91,844	1,671	110,651	1,593	88,267	1,540				
2005-06	133,314	2,036	93,514	1,671	112,245	1,593	89,807	1,540				
2006-07	135,349	2,036	95,185	1,671	113,838	1,593	91,347	1,540				
2007-08	137,686	2,337	97,039	1,854	115,814	1,975	93,039	1,692				
2008-09	140,441	2,755	99,120	2,081	118,158	2,344	95,010	1,971				
2009-10	142,987	2,546	101,201	2,081	120,313	2,155	96,836	1,826	144,605	<u>Difference of 2010-98</u> 26,680	116,428	<u>Difference of 2010-98</u> 35,823
2010-11	145,073	2,086	103,129	1,928	122,014	1,702	98,579	1,743				
2011-12	146,475	1,402	104,462	1,333	123,050	1,036	99,715	1,136				
2012-13	147,585	1,111	105,153	692	123,811	761	100,322	607				
2013-14	148,399	814	105,245	92	124,375	564	100,341	19				
2014-15	149,176	777	104,964	-281	124,874	500	100,011	-330				
2015-16	149,993	817	104,632	-333	125,448	574	99,664	-347				
2016-17	150,862	869	104,408	-224	126,109	661	99,412	-252				
2017-18	151,801	939	104,274	-134	126,866	757	99,301	-111				
2018-19	152,715	914	104,250	-24	127,590	724	99,305	4				
2019-20	153,602	886	104,289	39	128,341	751	99,391	86	153,710	<u>Difference of 2020-10</u> 9,105	140,755	<u>Difference of 2020-10</u> 24,327
2020-21	154,431	829	104,334	45	129,070	729	99,495	104				

<sup>1</sup>Known as the Baseline Fall Term Enrollment Projection, applying Fall 1997 and Fall 1998 participation rates of CTC (two-year) and four-year public institutions respectively.

<sup>2</sup>Known as the Fiscal Year 1993 Funded Participation Rate Carried Forward Projection, applying Fall 1992 participation rates for each two- and four-year system. Technical Colleges not included.

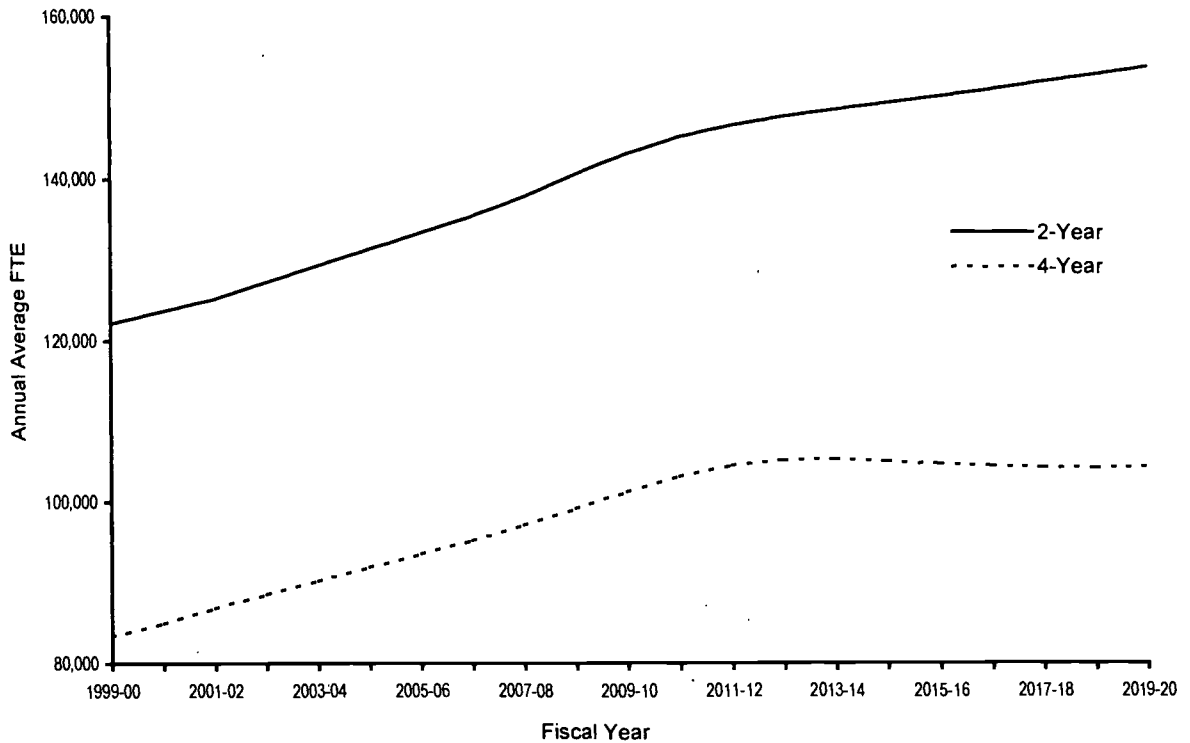
<sup>3</sup>Known as the Senate Bill 5781 Higher Education Coordinating Board (HECB) Long Term Goal Projection, applying Fall 1996 Integrated Postsecondary Data System (IPEDS) participation rates: WA rates for Lower Division, national average participation rates for Upper and Graduate + Professional Division for 2010, and at the 70% participation rate among the 50 states for the Upper and Graduate + Professional Division for 2020.

Notes: FTE = Full Time Equivalent

CTC = Includes Community Colleges (CC), Technical Colleges (TC), Timber Worker Enrollment in CC and TC, Workforce Training Enrollment in CC and TC, and Private Career Colleges (PCC).

Projected Fall Term figures are converted to FTE by applying the previous year FTE/Fall Headcount ratio for 1999-02, the three year average ratio for 2007-20, and the average annual increment between the projected 2002 and 2007 for 2003-2006.

Figure 4-5  
**Annual Average FTE Projection for Public Two- and Four-Year Universities/Colleges  
 1999-00 to 2019-20**  
 (Based on Current Participation Rates)



**Senate Bill 5781 Enrollment Projections**

*See Table 4-1 (ref: "5781 Minimum" and "5781 HECB Goal")*

Pursuant to Senate Bill 5781 (RCW 28B15.515 and RCW 28B.10.776-786) passed in the 1993 Legislative Session, enrollment projections needed to reach the minimum Fiscal Year 1993 participation rate goal and the current long-term Higher Education Coordinating Board (HECB) goal are included in Table 4-1, "5781 Minimum" and "5781 HECB Goal" respectively.

Table 4-1 on "5781 HECB Goal" contains projections based on the HECB's current long-term goals for 2009-2010 and 2019-2020. The 2009-2010 goal reflects the 1996 national participation rate for all four-year upper division and beyond, and the 1996 actual participation rate for the lower division two- and four-year system. Table 4-1 on "5781 HECB Goal" also shows 2019-2020 goal which reflects the 1996 participation rates of the state at 70% ranking for the four-year upper division and beyond, and the 1996 actual participation rate for the lower division two- and four-year system.

Table 4-1 on “5781 Minimum” shows projections based on the participation rate funded in Fiscal Year 1993. The bill requires OFM to determine minimum enrollment goals based on Fiscal Year 1993 participation rate.

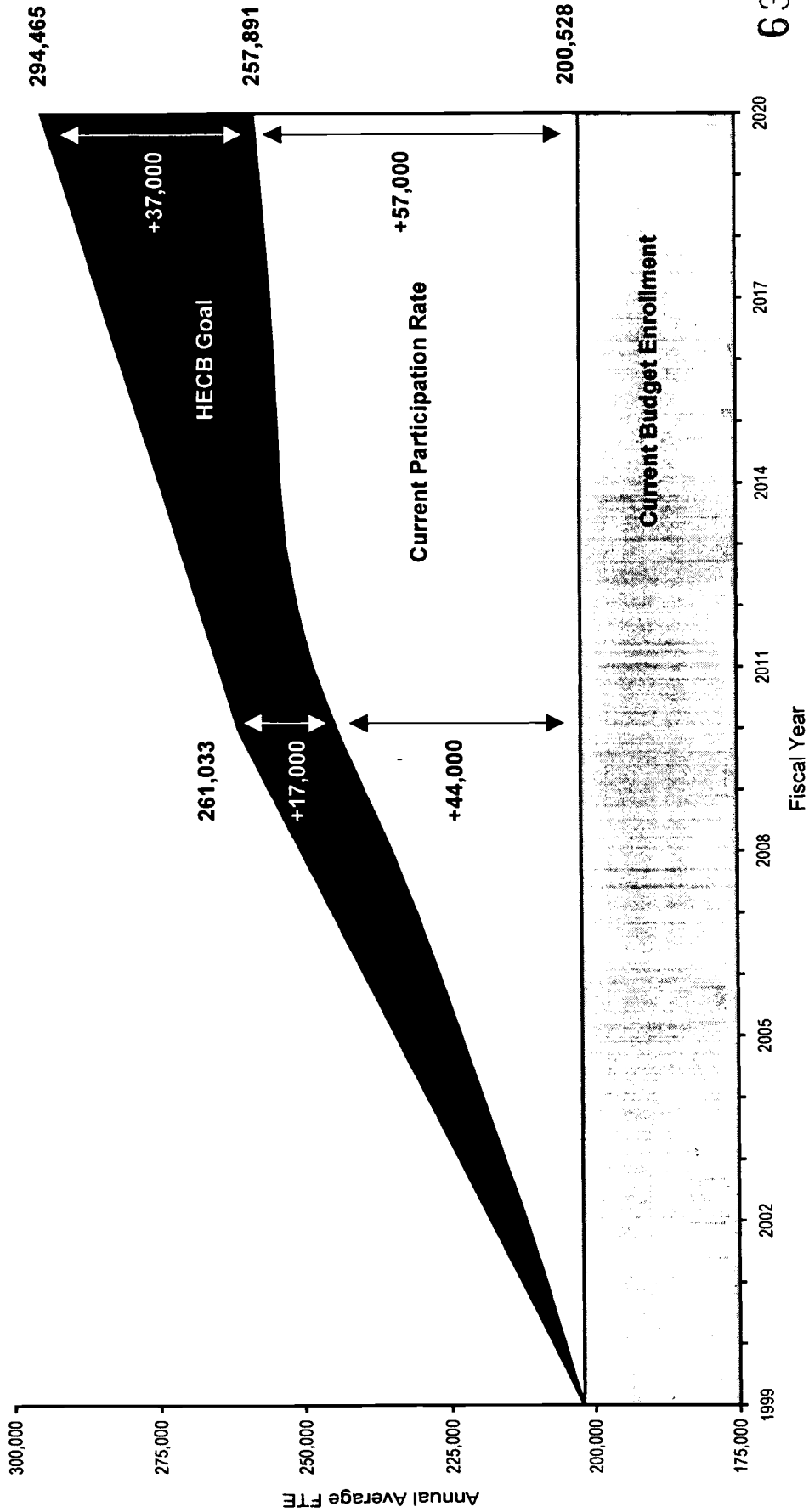
### **Two- and Four-Year Combined FTE Enrollment Projection Comparisons**

*See Table 4-1 and Figure 4-6*

Figure 4-6 illustrates three FTE enrollment levels for the two and four year systems.

1. Current (1998-99) Budgeted Enrollment.
2. Current Participation Rate. These are FTE enrollment projections based on the current participation rates carried forward for the two- and four-year systems.
3. Higher Education Coordinating Board (HECB) Goal. The two- and four-year projected FTE enrollments which are calculated from the enrollment goals currently set by the HECB for 2009-2010, and 2019-2020.

Figure 4-6  
**Public Higher Education FTE Projections**  
 Based on Population Growth, Current Enrollment, and Higher Education Coordinating Board (HECB) Goal





## Chapter 5

# Application Match Study 1996-97 Follow-Up And Fall 1997 - A Perspective on Unmet Needs

**T**HE DEMAND FOR HIGHER EDUCATION may be separated into two components: (1) the actual enrollment, and (2) unmet demand. The **enrollment** projections in Chapter 4 are based upon population forecasts by age and sex under the assumption that participation rates will remain at the current levels. If budget constraints did not limit enrollment, this projection alone would represent expected demand for higher education. However, participation rates have been limited by budget constraints since the early 1980s and by enrollment lids until fiscal year 1994\*. Potential **unmet demand** is assessed through the “applications” match process, which matches applicants to Washington public four-year institutions with registered students in Washington public and independent higher education institutions.

The goal of the *Applications Match Study* is to obtain an unduplicated count of qualified individuals applying to Washington public four-year higher education institutions who were not served by the higher education system of the state. The study is designed to provide a more accurate account of unserved applicants than can be obtained by adding the numbers of qualified applicants who are denied admission by the individual institutions. The single institutional perspective does not adjust for multiple applications by individual students; nor does it account for students denied admission by one institution, but admitted and served by another; nor does it distinguish between Washington residents and out-of-state applicants.

An applications match study has been conducted annually since Fall 1987. The data requested from institutions as well as the assumptions made in the matching process varied slightly over the first three years of the study. Data for Fall 1990 through Spring 1996 are not entirely comparable with those of preceding years.

A new perspective was added to the *Applications Match Study* beginning with the 1990-91 data, when data were collected for fall, winter, and spring terms. This update continues the follow-up portion of the study, started in 1990-91, providing an estimate of unserved applicants for the entire 1996-97 academic year, including persons applying for Winter 1997 and Spring 1997 terms, and matches against enrollment data for Winter 1997, Spring 1997, and the entire 1997-98 academic year.

\*In 1993 1<sup>st</sup> Special Session Washington Laws: "Each institution shall enroll to its budgeted biennial average FTEs, plus four percent or minus two percent. ... (A)n amount equal to the student quality standard multiplied by the number of FTE Students above or below the variances shall revert to state general fund." This language was removed effective Fiscal Year 1994.

## Limitations

***Non-applicants or incomplete applications.*** Applications to higher education institutions are only one measure of demand for higher education, although they are still the most concrete and objective indicator available. Other forms of demand are not fully captured by applications data, such as individuals who fail to submit applications to four-year institutions because they lack the financial resources or other support services needed to attend. Examination of applicant and enrollment data provides a measure of unmet need among Washington residents who have taken the step of applying to a four-year institution. Persons who do not submit an application because they lack the resources to participate in higher education, or who believe they will not be admitted due to enrollment limits, are not counted by this measure of unmet need. Persons who do not submit a complete application are also not counted by this measure of unmet need.

***Applicants not admitted to institution of first choice.*** In this study, any applicant who is admitted to a four-year higher education institution is considered to be served by the higher education system of the state, whether the person actually enrolls or not. Some would suggest that unless an applicant is enrolled by his/her first-choice institution, the applicant is not completely served by the system. Applicants' priorities are not recorded in any administrative databases; they have not been a factor in determining whether an applicant has been served by the state's higher education system.

***Applicants attending out-of-state institutions.*** Just as Washington higher education institutions serve many out-of-state residents, many Washington residents leave the state for their post-secondary education. Undoubtedly, many of the applicants who apply to in-state institutions, but never enroll, are attending institutions outside of Washington.

## Data Elements

As in the past, application and registration data were requested and received from all public four-year institutions. Registration data from independent colleges and universities\* and from community colleges were also used in the study. All type of applicants, i.e., applicants from high school, transfer applicants from two- and four-year institutions, returning students, and graduate and other post-baccalaureate applicants, are included in the study. A database emphasizing the individual applicants was created. For each applicant to public four-year institutions, information related to all applications and to enrollment status was developed. Social security number, name, and birth date were the basis of the matching procedure. Extreme care was taken to avoid any inappropriate matches.

An applicant's ***county of permanent residence*** is the county of permanent residence captured at the time of application and stored in the enrollment file, if the applicant was enrolled in a four-year institution. If the applicant did not subsequently enroll, a county code based upon city, state, and ZIP code of permanent residence at the time of application was used.

\*Independent institutions providing enrollment data for 1996-97 and/or 1997-98 included City University, Gonzaga University, Heritage College, Northwest College, Northwest Indian College, Pacific Lutheran University, Puget Sound Christian College, St. Martin's College, Seattle Pacific University, Seattle University, University of Puget Sound, Walla Walla College, and Whitman College.

Applicants were classified as "*accepted*" if they were admitted to at least one public four-year institution. They were classified as "*denied*" if they were denied admission to at least one public four-year institution and were not admitted by any other. If an applicant was neither admitted nor denied, but instead withdrew an application, submitted an incomplete application, or if the admission status was not provided by the institution, the applicant's admission status was classified as "*other*."

### Status of Applicants for Fall 1997 - Total Applicant Pool

There were 63,337 applicants, who submitted 73,207 applications to public four-year higher education institutions in Washington State for Fall 1997. The subsequent status of these applicants is outlined in Table 1a.

- Of the 37,117 Washington resident applicants for Fall 1997, 24,631 were enrolled at one of the public or independent four-year higher education institutions in Washington during Fall 1997. An additional 3,054 were enrolled in a community college during Fall 1997.
- A total of 9,432 Washington resident applicants for Fall 1997 were not enrolled in any of the higher education institutions involved in this study during Fall 1997.
- Of the 9,432 Washington resident applicants for Fall 1997 not enrolled during Fall 1997, 5,488 were offered admission to a public four-year institution for Fall 1997. These applicants are considered to be served by the higher education system. Undoubtedly, many of these applicants enrolled in out-of-state institutions. The most recent student migration studies conducted by NCES\* indicate that approximately 5,000 Washington resident freshmen enroll in out-of-state institutions.
- Application information provided for 1,589 of the non-enrolled Washington resident applicants for Fall 1997 indicated admission status unknown, a withdrawn application, an incomplete application, or that no admissions decision had been made as of the tenth class day of the fall term. These applications have been excluded from the analysis.
- Finally, 2,355 of the non-enrolled Washington resident applicants for Fall 1997 were denied admission by at least one public four-year institution and not admitted by any other for Fall 1997. Of these, 1,540 were known to have a grade point average (GPA) or admissions index (AI) acceptable for admission to a Washington four-year institution and 335 had GPAs or AIs lower than the minimum acceptable level. The GPA and AI for 480 of these applicants are unknown. Some of these 480 applicants may have had acceptable GPAs or AIs.

Results of the analysis indicate that for Fall 1997 between 1,540 and 2,020 qualified individuals were denied admission to a public four-year institution and not enrolled in any other public or private Washington higher education institution during that same term. Of the 2,020 potentially unserved Fall 1997 applicants, 242 were either enrolled or accepted for admission for Winter or

\*U.S. Department of Education. National Center for Education Statistics. *Digest of Education Statistics 1997*, NCES 98-015, by Thomas D. Snyder. Washington DC: 1997, Table 203.



Spring 1998 terms. When 1997-98 data become available, it is likely that the figure of 1,778 potentially unserved Fall 1997 applicants will be reduced.

### **Status of Applicants for Fall 1997 - Undergraduate Applicants**

There were 44,164 undergraduate applicants, who submitted 53,456 applications to public four-year higher education institutions in Washington State for Fall 1997. The subsequent status of these undergraduate applicants is outlined in Table 1b.

- Of the 31,730 Washington resident undergraduate applicants for Fall 1997, 21,489 were enrolled at one of the public or independent four-year higher education institutions in Washington during Fall 1997. An additional 2,986 were enrolled in a community college during Fall 1997.
- A total of 7,255 Washington resident undergraduate applicants for Fall 1997 were not enrolled in any of the higher education institutions involved in this study during Fall 1997.
- Of the 7,255 Washington resident undergraduate applicants for Fall 1997 not enrolled during Fall 1997, 4,864 were offered admission to a public four-year institution for Fall 1997. These applicants are considered to be served by the higher education system.
- Application information provided for 1,294 of the non-enrolled Washington resident undergraduate applicants for Fall 1997 indicated admission status unknown, a withdrawn application, an incomplete application, or that no admissions decision had been made as of the tenth class day of the fall term. These applications have been excluded from the analysis.
- Finally, 1,097 of the non-enrolled Washington resident undergraduate applicants for Fall 1997 were denied admission by at least one public four-year institution and not admitted by any other for Fall 1997. Of these, 754 were known to have a grade point average (GPA) or admissions index (AI) acceptable for admission to a Washington four-year institution and 181 had GPAs or AIs lower than the minimum acceptable level. The GPA and AI for 162 of these applicants are unknown. Some of these 162 applicants may have had acceptable GPAs or AIs.

Results of the analysis indicate that for Fall 1997 between 754 and 916 qualified individual undergraduate applicants were denied admission to a public four-year institution and not enrolled in any other public or private Washington higher education institution during that same term. Of the 916 potentially unserved Fall 1997 undergraduate applicants, 196 were either enrolled or accepted for admission for Winter or Spring 1998 terms. When 1998-99 data become available, it is likely that the figure of 720 potentially unserved Fall 1997 undergraduate applicants will be reduced.



Table 5-1a  
**Fall 1997 and Updated Fall 1996 Applications Match - Fall Analysis, All Applicants.**

	Fall 1988	Fall 1989	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Fall 1997
Applications for Fall	61,956	65,603	67,975	73,686	78,244	80,488	79,721	76,753	75,923	73,207
Individuals:	52,857	55,352	57,419	63,203	66,880	68,830	68,218	65,478	64,640	63,337
Washington residents:	35,086	34,871	34,330	36,827	37,889	37,661	37,170	37,335	37,621	37,117
Registered four-year, Fall	23,683	22,020	22,252	23,117	23,071	24,361	24,322	24,539	24,970	24,631
Registered two-year <sup>1</sup> , Fall	3,544	4,077	3,386	3,880	4,037	3,894	3,635	3,547	3,355	3,054
Did not register, Fall:	7,859	8,774	8,692	9,830	10,781	9,406	9,213	9,249	9,296	9,432
Accepted	3,984	4,893	4,830	5,556	6,137	5,350	5,574	5,835	5,880	5,488
Other	1,613	1,161	1,604	1,508	1,410	1,229	926	967	1,047	1,589
Denied admission <sup>2</sup> :	2,262	2,720	2,258	2,766	3,234	2,827	2,713	2,447	2,369	2,355
Low GPA or AI	298	306	380	351	486	429	449	410	408	335
Unknown GPA and/or AI	656	703	322	334	453	570	505	333	427	480
Acceptable	1,308	1,711	1,556	2,081	2,295	1,828	1,759	1,704	1,534	1,540
Unserved (excludes unknown GPA/AI)	1,308	1,711	1,556	2,081	2,295	1,828	1,759	1,704	1,534	1,540
Unserved (includes unknown GPA/AI)	1,964	2,414	1,878	2,415	2,748	2,398	2,264	2,037	1,961	2,020
Enrolled in subsequent term	N/A	N/A	625	700	909	716	587	558	484	N/A
Accepted in subsequent term	N/A	N/A	45	49	61	41	37	40	19	N/A
Qualified, potentially unserved resident applicants (includes matches against subsequent terms)	NA	N/A	1,208	1,666	1,778	1,641	1,640	1,439	1,458	N/A

<sup>1</sup>Data for the state's five technical colleges, the former vocational-technical institutes, were available for Fall 1998 only.  
<sup>2</sup>For each year of this study, WSU applicants coded as 'DP' (Decision Pending) have been classified as applicants denied admission to WSU.

Table 5-1b  
**Fall 1997 and Updated Fall 1996 Applications Match - Fall Analysis, Undergraduate Applicants**

	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Fall 1997
<u>Undergraduate Applications for Fall</u>	51,629	53,717	56,614	58,668	57,305	56,027	54,859	53,456
Individuals:	40,936	43,725	45,624	47,578	46,492	45,385	44,204	44,164
Washington residents:	29,761	31,282	32,313	32,189	31,465	31,883	31,794	31,730
Registered four-year, Fall	19,554	19,803	20,065	21,238	21,114	21,330	21,605	21,489
Registered two-year, Fall	3,301	3,801	3,944	3,791	3,547	3,468	3,269	2,986
Did not register, Fall:	6,906	7,678	8,304	7,160	6,804	7,115	6,920	7,255
Accepted	4,337	4,787	5,304	4,587	4,723	5,120	5,015	4,864
Other	1,222	1,202	1,089	1,044	745	788	910	1,294
Denied admission <sup>1</sup> :	1,347	1,689	1,911	1,529	1,336	1,207	995	1,097
Low GPA or AI	283	350	273	265	263	255	182	181
Unknown GPA and/or AI	213	231	265	183	226	143	110	162
Acceptable	851	1,108	1,373	1,081	847	809	703	754
Unserved (excludes unknown GPA/AI)	851	1,108	1,373	1,081	847	809	703	754
Unserved (includes unknown GPA/AI)	1,064	1,339	1,638	1,264	1,073	952	888	916
Enrolled in subsequent term	N/A	527	661	475	375	351	296	N/A
Accepted in subsequent term	N/A	29	31	20	18	24	10	N/A
Qualified, potentially unserved resident undergraduate applicants (includes matches against subsequent terms)	N/A	783	946	769	680	577	582	N/A

<sup>1</sup>For each year of this study, WSU applicants coded as 'DP' (Decision Pending) have been classified as applicants denied admission to WSU.

## Interpretation of Results for Fall 1997 Analysis

Not all of the potentially unserved applicants (the "Waiting Line") are necessarily unserved.

- Some applicants may be attending institutions outside Washington or one of the independent institutions within the state for which no enrollment data are available.
- As shown for Fall 1990 through Fall 1996, many applicants denied admission for a fall term are admitted in subsequent terms. Availability of application and enrollment data for each academic term starting with Fall 1990 allows an analysis of the application and enrollment patterns of these individuals in subsequent terms. *The complete analysis for 1996-97 is presented in the section that follows.*
- Since approximately 40 percent of all individuals admitted to a four-year institution never enroll, it is likely that some of these applicants would not enroll even if accepted.

The "waiting line" as indicated by unserved applicants should not be interpreted as a measure of total unmet need for higher education. Persons who may lack the resources to attend a four-year institution, for example, and who may not submit an application, are not counted among the unserved.

## Status of 1996-1997 Academic Year Applicants

Applications match data were collected for fall, winter, and spring terms beginning with the Fall 1990 data. The traditional waiting line calculations show 1,961 potentially unserved applicants for Fall 1996, 463 potentially unserved applicants for Winter 1997 and 188 potentially unserved applicants for Spring 1997. But the traditional waiting line calculation for a single term is a snapshot in time. *It is inappropriate to sum these figures for a total 1996-97 waiting line since many individuals appear in more than one term and since many individuals appearing in the waiting line in one term are subsequently admitted by a four-year institution.*

To gain a more accurate picture of the magnitude of the cumulative annual waiting line a longitudinal analysis of potentially unserved applicants was performed. For the 1996-97 academic year, 33 applicants appeared in the waiting line for more than one term. Tables 5-2 and 5-3 assign unserved Washington resident applicants to four-year public institutions for the 1996-97 academic year to the first term within the academic year for which they were denied admission.

Table 5-2 breaks out the total number of unduplicated applicants for the entire 1996-97 academic year who were unserved during the term for which they applied (2,313). The entire group of 2,313 applicants is termed the *academic year waiting line prior to follow-up*. Of this group, 637 applicants were served during subsequent terms of the 1996-97 academic year or during the 1997-98 academic year. The resulting number of applicants who were not served during either the 1996-97 or the 1997-98 academic year is 1,676. This group of 1,676 is the *academic year waiting line after follow-up*.

Table 5-2

**Summary: 1996-97 Academic Year Waiting Line Prior to Follow-Up**

Subsequently enrolled or accepted for admission, public or independent four-year or two-year institution	637
Remaining unserved applicants for 1996-97	1,676
Total	2,313

Table 5-3 shows the nature of the subsequent application activity for the 2,313 individuals making up the 1996-97 academic year waiting line prior to follow-up who were unserved during the term for which they first applied, characterized by application type.

Table 5-3

**Detail: 1996-97 Academic Year Waiting Line Prior to Follow-Up  
(Academic Year Waiting Line After Follow-Up is shaded)**

	High School	Transfers & Returning		Post-Baccalaureate		Special/Unknown	Total
		Two-year <sup>1</sup>	Four-Year	Graduate School	Other		
Subsequently enrolled, public four-year	15	82	52	142	19	2	312
Subsequently enrolled, independent four-year	2	9	5	12	5	0	33
Subsequently enrolled, community college	66	86	41	57	17	1	268
Subsequently applied and accepted for admission	1	1	6	10	6	0	24
Subsequently applied and denied admission	6	10	10	64	13	2	105
Did not subsequently apply	144	218	146	936	108	19	1,571
Total	234	406	260	1,221	168	24	2,313

<sup>1</sup>Transfers from two-year institutions are not necessarily transfers from institutions within the Washington community and technical college system, nor are they necessarily graduates of a two-year institution.

To summarize Tables 5-2 and 5-3:

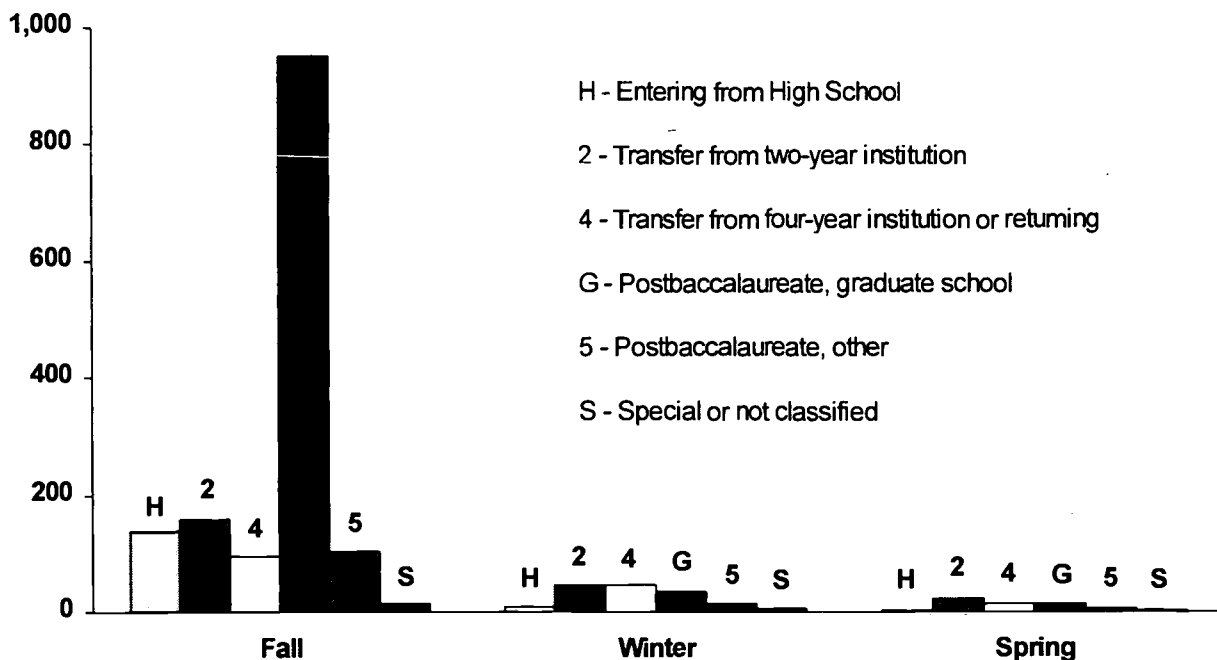
- Of the total 2,313 individual applicants unserved in the term for which they applied, 637 were subsequently enrolled or accepted for admission.
- 1,676 individuals, those represented by the shaded areas in Tables 5-2 and 5-3, were unserved both in the term for which they initially applied and through the following academic year.
- Most of the 1,676 unserved, 94 percent, did not apply during the remainder of 1996-97 or during 1997-98.
- Of the 1,676 unserved individuals, over 60 percent were applicants to graduate school or other post-baccalaureate programs.

- Approximately three-quarters of the 652 unserved applicants at the undergraduate level are transfers and/or returning students. Students entering from high school accounted for 234 of the unserved applicants.

Figure 5-1 is a graphical depiction of the information contained in the shaded portion of Table 5-3, but broken out by term (fall, winter, spring). Here, transfer applicants include any who have previously attended an institution of higher education, not necessarily in the immediately preceding term. Transfers from two-year institutions have not necessarily completed a two-year degree. Returning undergraduate students are included in the four-year transfer category. Returning undergraduate students are included in the four-year transfer category.

- Graduate applicants and applicants entering from high school were concentrated in the fall term. Graduate applicants dominate the fall waiting line.
- The total count of transfer applicants not subsequently served, including returning student applicants, shows much less of a fall concentration, ranging from 254 for fall term and declining to 39 for spring term.

Figure 5-1  
**1996-97 Academic Year Waiting Line After Follow-Up  
 By Term and by Application Type**



As a group, the 1996-97 unserved applicants generally had grade point averages and/or admission index scores toward the lower end of the admissible ranges. Table 5-4 shows college GPA, high school GPA or admissions index, as appropriate, for the 555 unserved applicants for 1996-97 not classified as graduate or other post-baccalaureate applicants.

Table 5-4  
**Grade Point Averages (GPA) and Admissions Indices (AI)  
 for 1996-97 Academic Year Waiting Line After Follow-Up,  
 Undergraduate Applicants**

Admissions Index	Applicants	High School GPA	Applicants	College GPA	Applicants	GPA and AI not reported
76+	1	3.50-4.00	0	3.50-4.00	16	109
51-75	27	3.00-3.49	3	3.00-3.49	49	
28-50	86	2.50-2.99	3	2.50-2.99	130	
13-27	17			2.00-2.49	114	

### Unserved Applicants by Institution, 1996-97

Table 5-5 shows the breakout of the 1,676 unserved applicants for 1996-97 by institution and by application type. "Multiple" indicates that the applicants were denied admission by more than one institution.

Table 5-5  
**1996-97 Academic Year Waiting Line After Follow-Up  
 by Institution and by Application Type**

	UW	WWU	EWU	TESC	CWU	WSU <sup>1</sup>	Multiple <sup>2</sup>	Total
Graduate	864	40	53	6	11	0	26	1,000
Other Post-Baccalaureate	92	29	0	0	0	0	0	121
Two-year Transfer	142	48	0	9	9	15	5	228
Four-year Transfer	80	33	1	5	2	5	3	129
Returning	24	3	0	0	0	0	0	27
High School	75	48	2	6	4	8	7	150
Special or Unclassified	19	1	1	0	0	0	0	21
Total	1,296	202	57	26	26	28	41	1,676

<sup>1</sup>WSU graduate applicant data is incomplete.

<sup>2</sup>The 41 "multiple" applicants submitted 29 applications to University of Washington campuses, 31 to Western Washington University, 17 to Eastern Washington University, 6 to Central Washington University, 4 to Washington State University, and 1 to the Evergreen State College.

- Post-baccalaureate applicants, graduate and other, mainly to the University of Washington, account over 65 percent of the total unserved applicants for 1996-97.
- Transfer applicants and returning student applicants, mainly to the University of Washington and to Western Washington University, account for the next largest share, 23 percent, of the total 1996-97 waiting line and almost 70 percent of the undergraduate waiting line.
- Since Fall 1993, higher education institutions have been allowed to enroll students above the number of budgeted FTEs if, in their judgment, the additional students could be accommodated without harming the quality of education. For institutions enrolling more than the number of budgeted FTEs, the "waiting line" is probably smaller than it would have been otherwise.



## Chapter 6 County Enrollment Participation Rates

**C**OUNTY PARTICIPATION RATES help describe the level of service provided by the public higher education system to each county in the state.

The county participation rate is the number of persons enrolled in a public college or university per 100 persons in each county, age 17 and older. (Note: Use of a single participation rate for persons age 17 and over, rather than single year of age participation rates, is valid for present point in time comparisons. Analysis involving projections, however, must use single year of age participation rates due to changes in the age composition of the population over time.)

The two-year public institutions include 27 community and five technical colleges throughout the state.

The four-year public institutions include the University of Washington and branch campuses, Washington State University and branch campuses, Central Washington University and the education center in Yakima, Eastern Washington University, Western Washington University, and The Evergreen State College.

The county of an enrolled student is taken from the permanent address as entered on the student's original application form.

Enrollment by county is taken from the official state funded enrollment reported to the Office of Financial Management. The participation rates are based on the actual Fall 1997 enrollment for two-year colleges and the Fall 1998 enrollment for four-year schools. The enrollment for two-year colleges include Timber Worker Displacement program and Workforce Training (WFT) program, and Private Career College enrollments..

The formula for the county participation rate calculation is as follows:

$$\frac{\text{Fall Headcount Enrollment by County}}{\text{Age 17+ Population by County}} \times 100$$

Tables 6-1 to 6-8 show participation rates by county in descending order with an average Washington participation rate at the bottom for each category. Figures 6-1 to 6-3 show the location of public higher education institutions in each county with county participation rates. Counties in shaded areas have a participation rate higher than the state average. In this chapter, the Lower Division includes students categorized as freshman, sophomore, and other (non-matriculated). The Upper Division includes students categorized as junior, senior, and unclassified 5 (Post-Baccalaureate). The Graduate and Professional Division includes students

categorized as Graduate and Professional. The Upper Division and Beyond includes the Upper and Graduate and Professional Divisions.



Table 6-1

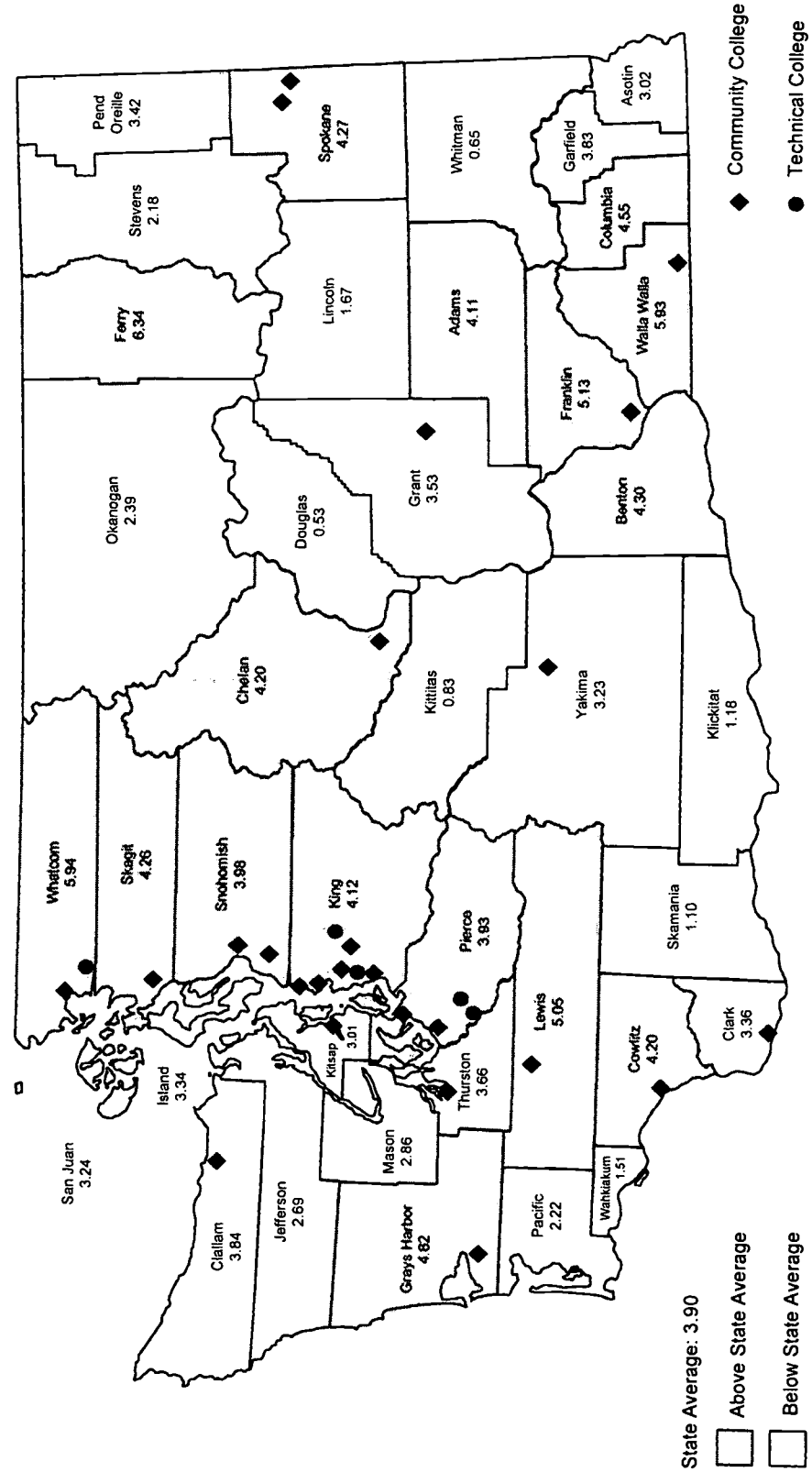
**Participation Rates of Public Two-Year Community and Technical Colleges by County  
for Students Applying from Within the State, Fall 1997**

<b>County</b>	<b>17+ Washington Population 1997</b>	<b>Fall 1997 Enrollment Two-Year Total</b>	<b>Participation Rate</b>	<b>Rank</b>
Ferry	5,270	334	6.34	1
*Whatcom	117,116	6,954	5.94	2
Walla Walla	41,022	2,431	5.93	3
Franklin	29,355	1,506	5.13	4
*Lewis	49,978	2,525	5.05	5
*Grays Harbor	50,590	2,439	4.82	6
Columbia	3,233	147	4.55	7
Benton	95,460	4,108	4.30	8
Spokane	305,942	13,060	4.27	9
*Skagit	72,063	3,067	4.26	10
*Chelan	45,249	1,902	4.20	11
*Cowlitz	68,248	2,868	4.20	12
*King	1,264,829	52,122	4.12	13
Adams	10,615	436	4.11	14
*Snohomish	401,552	15,999	3.98	15
*Pierce	496,258	19,512	3.93	16
*Clallam	51,576	1,982	3.84	17
Garfield	1,801	69	3.83	18
*Thurston	147,124	5,382	3.66	19
Grant	48,160	1,702	3.53	20
Pend Oreille	8,177	280	3.42	21
*Clark	229,972	7,725	3.36	22
*Island	53,938	1,804	3.34	23
*San Juan	9,883	320	3.24	24
Yakima	146,617	4,741	3.23	25
Asotin	14,458	437	3.02	26
*Kitsap	167,056	5,023	3.01	27
*Mason	36,211	1,036	2.86	28
*Jefferson	20,557	554	2.69	29
Okanogan	27,752	662	2.39	30
*Pacific	16,586	368	2.22	31
Stevens	26,879	585	2.18	32
Lincoln	7,386	123	1.67	33
*Wahkiakum	2,985	45	1.51	34
Klickitat	13,944	164	1.18	35
*Skamania	7,203	79	1.10	36
Kittitas	24,775	206	0.83	37
Whitman	33,489	219	0.65	38
Douglas	22,703	120	0.53	39
<b>Washington Total</b>	<b>4,176,014</b>	<b>163,036</b>	<b>3.90</b>	
<b>Out of State U.S.</b>		<b>8,686</b>		
<b>TOTAL</b>	<b>4,176,014</b>	<b>171,722</b>		

\* West of the Cascades.

Sources: Population from OFM. Enrollment from MIS report.

**Figure 6-1**  
**Participation Rates of Public Two-Year Community and Technical Colleges by County**  
**State Funded Headcount Enrollment Only**  
**Fall 1997**



Participation Rate = (Headcount/Population Age 17+) x 100



Table 6-2

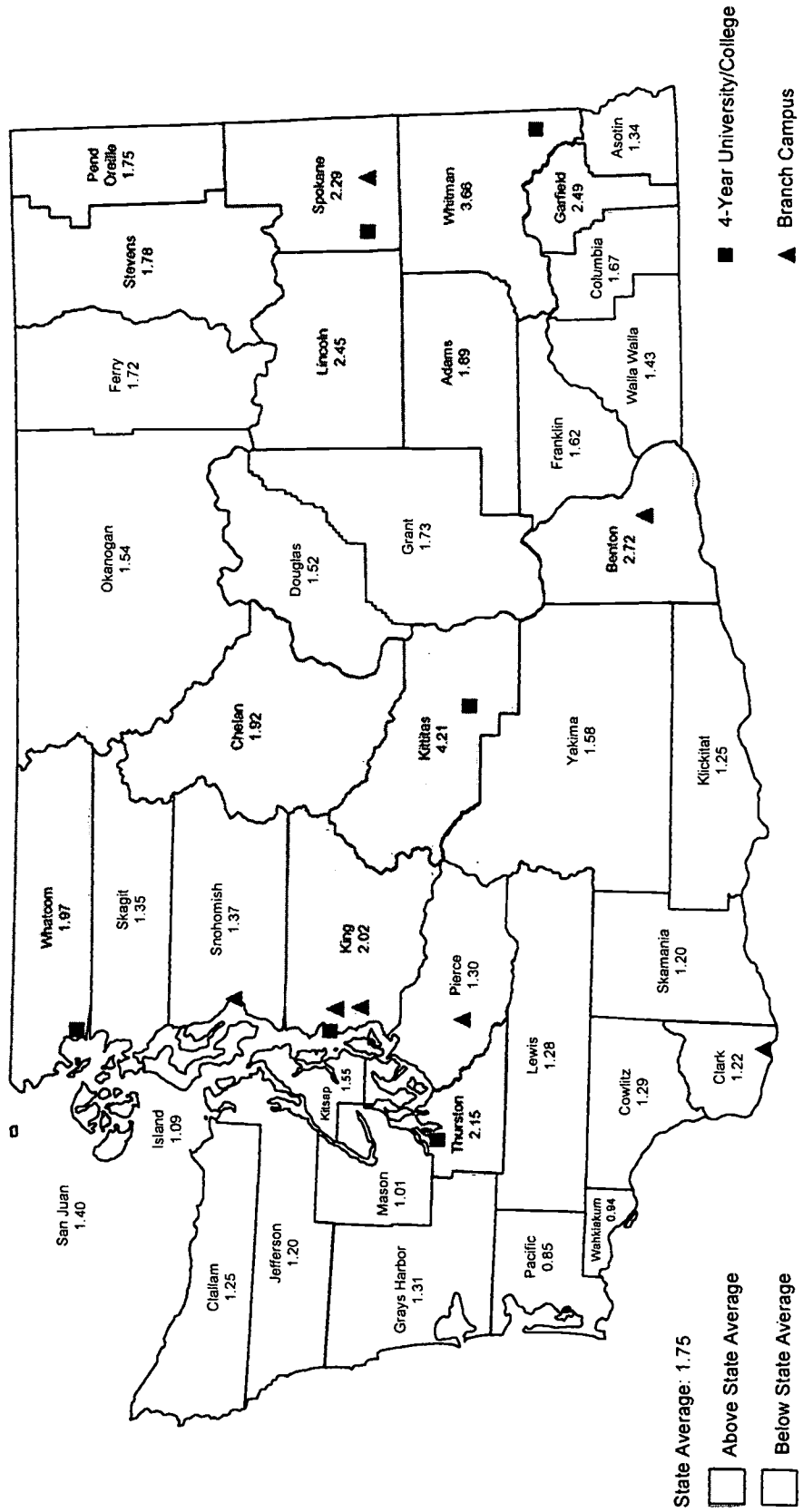
**Participation Rates of Public Four-Year Universities/Colleges by County  
for Students Applying from Within the State, Fall 1998**

<b>County</b>	<b>17+ Washington Population, 1998</b>	<b>Fall 1998 Enrollments Four-Year Total</b>	<b>Participation Rate</b>	<b>Rank</b>
Kittitas	24,777	1,043	4.21	1
Whitman	33,740	1,236	3.66	2
Benton	98,153	2,672	2.72	3
Garfield	1,806	45	2.49	4
Lincoln	7,561	185	2.45	5
Spokane	307,536	7,030	2.29	6
*Thurston	149,110	3,211	2.15	7
*King	1,282,736	25,906	2.02	8
*Whatcom	118,423	2,331	1.97	9
*Chelan	45,679	877	1.92	10
Adams	10,720	203	1.89	11
Stevens	27,116	482	1.78	12
Pend Oreille	8,207	144	1.75	13
Grant	49,089	848	1.73	14
Ferry	5,289	91	1.72	15
Columbia	3,243	54	1.67	16
Franklin	29,779	481	1.62	17
Yakima	148,380	2,344	1.58	18
*Kitsap	167,217	2,586	1.55	19
Okanogan	27,848	428	1.54	20
Douglas	23,217	354	1.52	21
Walla Walla	41,603	595	1.43	22
*San Juan	9,992	140	1.40	23
*Snohomish	414,951	5,688	1.37	24
*Skagit	73,614	995	1.35	25
Asotin	14,720	197	1.34	26
*Grays Harbor	50,441	659	1.31	27
*Pierce	506,808	6,602	1.30	28
*Cowlitz	69,280	897	1.29	29
*Lewis	50,357	644	1.28	30
Klickitat	14,061	176	1.25	31
*Clallam	51,959	649	1.25	32
*Clark	238,787	2,907	1.22	33
*Skamania	7,225	87	1.20	34
*Jefferson	20,766	250	1.20	35
*Island	54,743	594	1.09	36
*Mason	36,612	368	1.01	37
*Wahkiakum	2,994	28	0.94	38
*Pacific	16,789	143	0.85	39
<b>Washington Total</b>	<b>4,245,331</b>	<b>74,170</b>	<b>1.75</b>	
<b>Out of State U.S.</b>		<b>10,690</b>		
<b>Foreign</b>		<b>3,997</b>		
<b>TOTAL</b>	<b>4,245,331</b>	<b>88,857</b>		

\*West of the Cascades

Sources: Population Estimates from OFM. Enrollment from HEER reports.

Figure 6-2  
Public Four-Year Universities/College Participation Rates by County Fall 1998



Participation Rate = (Headcount/Population Age 17+) x 100

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Table 6-3  
**Public Four-Year Universities/College – Participation Rates by County**  
**Lower Division, Fall 1998**

County	17+ Washington Population 1998	Fall 98 Enrollments 4-Year Lower Division	Participation Rate	Rank
Kittitas	24,777	413	1.67	1
Whitman	33,740	487	1.44	2
Lincoln	7,561	84	1.11	3
Garfield	1,806	18	1.00	4
*Thurston	149,110	1,341	0.90	5
Benton	98,153	822	0.84	6
Stevens	27,116	210	0.77	7
Spokane	307,536	2,355	0.77	8
*King	1,282,736	9,064	0.71	9
*San Juan	9,992	70	0.70	10
Adams	10,720	72	0.67	11
Pend Oreille	8,207	54	0.66	12
Okanogan	27,848	183	0.66	13
*Chelan	45,679	295	0.65	14
Yakima	148,380	895	0.60	15
*Kitsap	167,217	993	0.59	16
*Whatcom	118,423	688	0.58	17
Grant	49,089	275	0.56	18
Douglas	23,217	130	0.56	19
Asotin	14,720	82	0.56	20
*Snohomish	414,951	2,222	0.54	21
Klickitat	14,061	75	0.53	22
Ferry	5,289	28	0.53	23
Franklin	29,779	156	0.52	24
*Lewis	50,357	256	0.51	25
*Pierce	506,808	2,546	0.50	26
Walla Walla	41,603	204	0.49	27
*Skamania	7,225	35	0.48	28
*Jefferson	20,766	100	0.48	29
*Cowlitz	69,280	325	0.47	30
Columbia	3,243	15	0.46	31
*Clark	238,787	1,094	0.46	32
*Grays Harbor	50,441	230	0.46	33
*Skagit	73,614	335	0.46	34
*Mason	36,612	158	0.43	35
*Clallam	51,959	223	0.43	36
*Island	54,743	221	0.40	37
*Wahkiakum	2,994	12	0.40	38
*Pacific	16,789	56	0.33	39
<b>Washington Total</b>	<b>4,245,331</b>	<b>26,823</b>	<b>0.63</b>	
<b>Out of State U.S.</b>		<b>3,084</b>		
<b>Foreign</b>		<b>720</b>		
<b>TOTAL</b>	<b>4,245,331</b>	<b>30,627</b>		

\* West of the Cascades

Sources: Population Estimates from OFM. Enrollment from HEER reports.

Table 6-4  
**Public Four-Year Universities/Colleges – Participation Rates by County  
 Upper Division, Fall 1998**

County	17+ Washington Population 1998	Fall 98 Enrollments 4-Yr Upper Division	Participation Rate	Rank
Kittitas	2,477	521	2.10	1
Benton	98,153	1,455	1.48	2
Whitman	33,740	490	1.45	3
Garfield	1,806	24	1.33	4
Spokane	307,536	3,804	1.24	5
*Whatcom	118,423	1,413	1.19	6
Lincoln	7,561	88	1.16	7
Columbia	3,243	36	1.11	8
Adams	10,720	115	1.07	9
*Thurston	149,110	1,586	1.06	10
*Chelan	45,679	484	1.06	11
Ferry	5,289	55	1.04	12
*King	1,282,736	13,154	1.03	13
Grant	49,089	501	1.02	14
Franklin	29,779	274	0.92	15
Douglas	23,217	202	0.87	16
Stevens	27,116	234	0.86	17
Pend Oreille	8,207	70	0.85	18
Yakima	148,380	1,238	0.83	19
*Kitsap	167,217	1,383	0.83	20
*Grays Harbor	50,441	394	0.78	21
*Skagit	73,614	575	0.78	22
Walla Walla	41,603	318	0.76	23
Okanogan	27,848	208	0.75	24
*Clallam	51,959	384	0.74	25
*Snohomish	414,951	3,046	0.73	26
*Cowlitz	69,280	500	0.72	27
*Pierce	506,808	3,554	0.70	28
*Lewis	50,357	351	0.70	29
*Skamania	7,225	48	0.66	30
Klickitat	14,061	92	0.65	31
Asotin	14,720	96	0.65	32
*Jefferson	20,766	128	0.62	33
*Island	54,743	326	0.60	34
*Clark	238,787	1,403	0.59	35
*San Juan	9,992	57	0.57	36
*Mason	36,612	179	0.49	37
*Pacific	16,789	77	0.46	38
*Wahkiakum	2,994	13	0.43	39
<b>Washington Total</b>	<b>4,245,331</b>	<b>38,876</b>	<b>0.92</b>	
<b>Out of State U.S.</b>		<b>3,103</b>		
<b>Foreign</b>		<b>1,310</b>		
<b>TOTAL</b>	<b>4,245,331</b>	<b>43,289</b>		

\* West of the Cascades

Sources: Population Estimates from OFM. Enrollment from HEER reports.

Table 6-5

**Public Four-Year Universities/Colleges – Participation Rates by County  
Graduate and Professional Students, Fall 1998**

County	17+ Washington Population 1998	Fall 96 Enrollments 4-Yr G+P Division	Participation Rate	Rank
Whitman	33,740	259	0.77	1
Kittitas	24,777	109	0.44	2
Benton	98,153	395	0.40	3
*King	1,282,736	3,687	0.29	4
Spokane	307,536	871	0.28	5
Pend Oreille	8,207	20	0.24	6
*Chelan	45,679	98	0.21	7
*Whatcom	118,423	230	0.19	8
*Thurston	149,110	284	0.19	9
Walla Walla	41,603	73	0.18	10
Lincoln	7,561	13	0.17	11
*Clark	238,787	410	0.17	12
Franklin	29,779	51	0.17	13
Garfield	1,806	3	0.17	14
Ferry	5,289	8	0.15	15
Adams	10,720	16	0.15	16
Grant	49,089	72	0.15	17
Yakima	148,380	211	0.14	18
Stevens	27,116	38	0.14	19
Okanogan	27,848	37	0.13	20
*San Juan	9,992	13	0.13	21
Asotin	14,720	19	0.13	22
*Kitsap	167,217	210	0.13	23
*Skagit	73,614	85	0.12	24
*Jefferson	20,766	22	0.11	25
*Cowlitz	69,280	72	0.10	26
*Snohomish	414,951	420	0.10	27
*Wahkiakum	2,994	3	0.10	28
*Pierce	506,808	502	0.10	29
Douglas	23,217	22	0.09	30
Columbia	3,243	3	0.09	31
*Island	54,743	47	0.09	32
*Mason	36,612	31	0.08	33
*Clallam	51,959	42	0.08	34
*Lewis	50,357	37	0.07	35
*Grays Harbor	50,441	35	0.07	36
Klickitat	14,061	9	0.06	37
*Pacific	16,789	10	0.06	38
*Skamania	7,225	4	0.06	39
<b>Washington Total</b>	<b>4,245,331</b>	<b>8,471</b>	<b>0.20</b>	
<b>Out of State U.S.</b>		<b>4,503</b>		
<b>Foreign</b>		<b>1,967</b>		
<b>TOTAL</b>	<b>4,245,331</b>	<b>14,941</b>		

\* West of the Cascades

Sources: Population Estimates from OFM. Enrollment from HEER reports.

Table 6-6

**Public Four-Year Universities/College – Participation Rates by County  
Upper Division and Beyond, Fall 1998**

<b>County</b>	<b>17+ Washington Population 1998</b>	<b>Fall 96 Enrollments 4-Year Upper &amp; Beyond</b>	<b>Participation Rate</b>	<b>Rank</b>
Kittitas	24,777	630	2.54	1
Whitman	33,740	749	2.22	2
Benton	98,153	1,850	1.88	3
Spokane	307,536	4,675	1.52	4
Garfield	1,806	27	1.50	5
*Whatcom	118,423	1,643	1.39	6
Lincoln	7,561	101	1.34	7
*King	1,282,736	16,841	1.31	8
*Chelan	45,679	582	1.27	9
*Thurston	149,110	1,870	1.25	10
Adams	10,720	131	1.22	11
Columbia	3,243	39	1.20	12
Ferry	5,289	63	1.19	13
Grant	49,089	573	1.17	14
Pend Oreille	8,207	90	1.10	15
Franklin	29,779	325	1.09	16
Stevens	27,116	272	1.00	17
Yakima	148,380	1,449	0.98	18
Douglas	23,217	224	0.96	19
*Kitsap	167,217	1,593	0.95	20
Walla Walla	41,603	391	0.94	21
*Skagit	73,614	660	0.90	22
Okanogan	27,848	245	0.88	23
*Grays Harbor	50,441	429	0.85	24
*Snohomish	414,951	3,466	0.84	25
*Cowlitz	69,280	572	0.83	26
*Clallam	51,959	426	0.82	27
*Pierce	506,808	4,056	0.80	28
Asotin	14,720	115	0.78	29
*Lewis	50,357	388	0.77	30
*Clark	238,787	1,813	0.76	31
*Jefferson	20,766	150	0.72	32
*Skamania	7,225	52	0.72	33
Klickitat	14,061	101	0.72	34
*San Juan	9,992	70	0.70	35
*Island	54,743	373	0.68	36
*Mason	36,612	210	0.57	37
*Wahkiakum	2,994	16	0.53	38
*Pacific	16,789	87	0.52	39
<b>Washington Total</b>	<b>4,245,331</b>	<b>47,347</b>	<b>1.12</b>	
<b>Out of State U.S.</b>		<b>7,606</b>		
<b>Foreign</b>		<b>3,277</b>		
<b>TOTAL</b>	<b>4,245,331</b>	<b>58,230</b>		

\* West of the Cascades.

Sources: Population Estimates from OFM. Enrollment from HEER reports.





## Chapter 7

# National Comparison – State Enrollment Participation Rates

### State Education Attainment, 1990

See Table 7-1

The education attainment statistics are a product of a 1990 national survey done by the Bureau of the Census. It shows the percentage of population 25 years and over who earned a bachelors degree or higher by state. In Washington State, 23 percent of the population age 25 years and over has attained at least a four-year degree, placing Washington at the 76th percentile, or 13th, compared to all other states in the nation as of April 1990.

In spite of the low ranking of the Washington State four-year enrollment participation rate (see below), the educational attainment of the Washington population is relatively high. This suggests that Washington State has been attracting an educated population from out-of-state to sustain its labor market needs.

### State Participation Rates

See Tables 7-2 to 7-16

Participation rates for Washington and other states assist in the comparison of Washington higher education service levels with those of other states. The state participation rate is the number of persons enrolled in four-year private and two- and four-year public institutions per 100 population in each state, aged 17 years and older. Two-year private colleges are not included in the study due to the unreliability of available data. (Note: Use of a single participation rate for persons age 17 and over, rather than single year of age participation rates, is valid for present point in time comparisons. Analysis involving projections, however, must use single year of age participation rates due to changes in the age composition of the population over time.)

State population data are from the U.S. Census population estimate. The Washington population estimate is from the Office of Financial Management, Forecasting Division. The U.S. Census Bureau and the Office of Financial Management estimates for Washington are extremely close. State enrollment data by type of college and division of study are based on the National Center of Education Statistics (NCES) - Integrated Postsecondary Education Data System (IPEDS).

The formula applied in the calculation is:

$$\text{Participation Rate (Rate per 100)} = \frac{\text{IPEDS Fall Headcount}}{\text{Estimated Population Ages 17+}} \times 100$$

The IPEDS Enrollment figures for Washington State are not exactly the same as the Washington State Higher Education Enrollment Report (HEER) for four-year public institutions or the

Management Information System (MIS) for the two-year public colleges. Comparison of the HEER, MIS, and IPEDS enrollment is included in Appendix B-12.

For all public and private institutions (excluding the two-year private schools), the Washington State participation rate was 7.53 in Fall 1996 compared to 7.08 for the United States average. The 7.53 rate placed Washington in the top 64 national percentile ranking, or 19th out of 51 states. The state at the 70 percentile ranking had 7.89 percent participation rate (Table 7-2).

The community college participation rate ranked high in the national two-year college category during 1990-96. In 1996 the rate was 4.47 compared to a 2.68 United States average and placed Washington at the 94 percentile ranking. Note that Washington technical colleges are included in the 1993 and 1996 figures.

The four-year public institution rate was 2.13 compared to the national rate of 2.90 and was at the 4 percentile ranking.

The four-year private institution participation rate was 0.93 compared to the United States average of 1.50.

Comparing 1996 and 1990 statistics, Washington's total higher education enrollment participation rate increased to 7.53 from 7.09. The national percentile ranking improved from 48 in 1990 to 64 in 1996.

A summary of 1990 to 1996 comparisons and full state participation rate statistics for 1996 are presented in the Tables 7-2 to 7-16.

Table 7-1  
**Percent of Population Age 25 Years and Over with Bachelors Degree or Higher**

<b>State</b>	<b>Percent with Bachelor Degree or Higher</b>	<b>Percentile Ranking</b>
District of Columbia	33.3	100.00
Massachusetts	27.2	98.04
Connecticut	27.2	96.08
Colorado	27.0	94.12
Maryland	26.5	92.16
New Jersey	24.9	90.20
Virginia	24.5	88.24
New Hampshire	24.4	86.27
Vermont	24.3	84.31
California	23.4	82.35
New York	23.1	80.39
Alaska	23.0	78.43
<b>WASHINGTON</b>	<b>22.9</b>	<b>76.47</b>
Hawaii	22.9	74.51
Utah	22.3	72.55
Minnesota	21.8	70.59
Delaware	21.4	68.63
Rhode Island	21.3	66.67
Kansas	21.1	64.71
Illinois	21.0	62.75
Oregon	20.6	60.78
New Mexico	20.4	58.82
Texas	20.3	56.86
Arizona	20.3	54.90
Montana	19.8	52.94
Georgia	19.3	50.98
Nebraska	18.9	49.02
Wyoming	18.8	47.06
Maine	18.8	45.10
Florida	18.3	43.14
North Dakota	18.1	41.18
Pennsylvania	17.9	39.22
Oklahoma	17.8	37.25
Missouri	17.8	35.29
Idaho	17.7	33.33
Wisconsin	17.7	31.37
Michigan	17.4	29.41
North Carolina	17.4	27.45
South Dakota	17.2	25.49
Ohio	17.0	23.53
Iowa	16.9	21.57
South Carolina	16.6	19.61
Louisiana	16.1	17.65
Tennessee	16.0	15.69
Alabama	15.7	13.73
Indiana	15.6	11.76
Nevada	15.3	9.80
Mississippi	14.7	7.84
Kentucky	13.6	5.88
Arkansas	13.3	3.92
West Virginia	12.3	1.96
<b>United States</b>	<b>20.3</b>	

Source: U.S. Dept. of Commerce, Bureau of Census: Census of Population and Housing, 1990.

Table 7-2  
**Participation Rates of U.S. Average, State at 70 Percent, and Washington State  
 Percentile Ranking By Type of College and Division, Fall 1990 to 1996**

Type of College	Participation Rate										Washington State																								
	U.S. Average					States at 70% <sup>1</sup>					Washington State					WA State Ranking					WA Percentile Ranking														
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994	1995	1996								
<b>Total<sup>2</sup></b>	7.12	7.36	7.38	7.24	7.18	7.07	7.08	7.97	8.17	8.20	7.99	7.99	7.82	7.89	7.09	7.06	7.02	7.61	7.62	7.43	7.53	27	31	32	20	21	20	19	48	40	38	62	60	62	64
<b>2- &amp; 4-Year Public</b>	5.67	5.89	5.89	5.75	5.69	5.58	5.58	6.47	6.56	6.47	6.62	6.57	6.33	6.14	6.18	6.15	6.10	6.70	6.57	6.51	6.60	20	22	22	14	13	12	11	62	58	58	74	76	78	80
Lower Division	3.94	4.10	4.09	3.96	3.91	3.84	3.86	4.59	4.59	4.39	4.42	4.41	4.32	4.21	4.81	4.78	4.70	5.28	5.25	5.11	5.21	13	12	11	8	6	7	8	76	78	80	86	90	88	86
Upper Division	1.14	1.18	1.20	1.18	1.17	1.14	1.13	1.46	1.52	1.56	1.47	1.45	1.44	1.40	0.99	0.99	1.03	1.05	1.06	1.04	1.03	40	43	41	41	42	41	41	22	16	20	20	18	20	20
Other Graduates <sup>3</sup>	0.12	0.11	0.11	0.10	0.11	0.11	0.11	0.14	0.14	0.13	0.13	0.15	0.14	0.13	0.01	0.01	0.01	0.01	0.01	0.01	0.01	48	49	49	48	48	49	49	6	4	4	6	6	4	4
G&P	0.48	0.50	0.50	0.50	0.49	0.48	0.48	0.57	0.59	0.62	0.62	0.62	0.62	0.60	0.39	0.38	0.36	0.36	0.36	0.36	0.35	43	42	43	45	45	44	45	16	18	16	12	12	14	12
<b>2-Year Public<sup>4</sup></b>	2.60	2.80	2.83	2.74	2.72	2.64	2.68	2.75	2.88	3.02	2.95	2.93	2.84	2.75	3.97	3.99	3.94	4.54	4.53	4.39	4.47	5	5	5	4	4	4	4	92	92	92	94	94	94	94
<b>4-Year Public</b>	3.07	3.09	3.06	3.01	2.97	2.93	2.90	4.09	4.15	4.07	4.00	3.94	3.90	3.75	2.21	2.15	2.16	2.15	2.15	2.12	2.13	50	50	50	49	49	49	49	2	2	2	4	4	4	4
Lower Division	1.34	1.30	1.25	1.22	1.19	1.20	1.18	2.00	1.96	1.90	1.86	1.74	1.76	1.60	0.84	0.78	0.75	0.73	0.72	0.72	0.74	48	49	49	48	48	47	47	6	4	4	6	6	6	8
Upper Division	1.14	1.18	1.20	1.18	1.17	1.14	1.13	1.46	1.52	1.56	1.47	1.45	1.44	1.40	0.99	0.99	1.03	1.05	1.06	1.04	1.03	40	43	41	41	42	41	41	22	16	20	20	18	20	20
Other Graduates	0.12	0.11	0.11	0.10	0.11	0.11	0.11	0.14	0.14	0.13	0.13	0.15	0.14	0.13	0.01	0.01	0.01	0.01	0.01	0.01	0.01	48	49	49	48	48	49	49	6	4	4	6	6	4	4
G&P	0.48	0.50	0.50	0.50	0.49	0.48	0.48	0.57	0.59	0.62	0.62	0.62	0.62	0.60	0.37	0.38	0.36	0.36	0.36	0.36	0.35	43	42	43	45	45	44	45	16	18	16	12	12	14	12
<b>4-Year Private</b>	1.45	1.47	1.49	1.49	1.49	1.50	1.50	1.52	1.48	1.41	1.45	1.46	1.48	1.57	0.91	0.91	0.92	0.91	0.95	0.91	0.93	31	34	33	33	32	34	35	40	34	36	36	38	34	32
Lower Division	0.61	0.60	0.62	0.61	0.60	0.60	0.61	0.71	0.68	0.71	0.72	0.70	0.70	0.69	0.33	0.32	0.32	0.34	0.32	0.31	0.32	41	42	43	41	42	43	43	20	18	16	20	18	16	16
Upper Division	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.49	0.51	0.50	0.49	0.52	0.52	0.52	0.33	0.33	0.33	0.31	0.30	0.32	0.32	27	28	29	30	28	27	31	48	46	44	42	46	48	40
Other Graduates	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.04	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.03	19	23	22	21	26	20	22	64	56	58	60	50	62	58
G&P	0.35	0.36	0.37	0.38	0.39	0.39	0.39	0.28	0.28	0.28	0.28	0.33	0.33	0.31	0.22	0.24	0.27	0.25	0.29	0.25	0.26	21	20	19	21	18	23	23	60	62	64	60	66	56	56

<sup>1</sup>Figures do not add up to corresponding totals. Each figure represents state at approximately 70 percent ranking.

<sup>2</sup>Includes 2- and 4-year public and 4-year private colleges. Does not include 2-year private colleges.

<sup>3</sup>Provisional Graduate students

<sup>4</sup>For Washington State, figures do not include technical colleges during 1990-92. However, figures include technical colleges during 1993-96.

Table 7-3  
**1996 Participation Rates of All Two- and Four-Year  
 Public and Four-Year Private Colleges, All Divisions**

State	Enrollment	Population	Participation Rate	Percentile	Rank
District of Columbia	74,664	435,014	17.16%	100	1
Utah	150,219	1,378,494	10.90%	98	2
Nebraska	119,316	1,232,910	9.68%	96	3
Rhode Island	72,331	766,351	9.44%	94	4
Kansas	176,182	1,932,805	9.12%	92	5
Colorado	249,134	2,876,939	8.66%	90	6
Arizona	282,097	3,266,999	8.63%	88	7
New Mexico	106,619	1,241,897	8.59%	86	8
Massachusetts	403,176	4,719,320	8.54%	84	9
Wyoming	29,994	355,751	8.43%	82	10
North Dakota	40,286	486,412	8.28%	80	11
Iowa	176,544	2,169,594	8.14%	78	12
Illinois	716,707	8,857,820	8.09%	76	13
Delaware	44,838	556,261	8.06%	74	14
California	1,871,905	23,387,979	8.00%	72	15
Minnesota	274,348	3,476,449	7.89%	70	16
Vermont	34,819	449,303	7.75%	68	17
Wisconsin	297,929	3,882,384	7.67%	66	18
<b>WASHINGTON</b>	<b>308,566</b>	<b>4,103,058</b>	<b>7.52%</b>	<b>64</b>	<b>19</b>
Oklahoma	184,791	2,470,520	7.48%	62	20
Michigan	543,232	7,360,153	7.38%	60	21
New York	998,754	13,819,979	7.23%	58	22
South Dakota	39,466	549,588	7.18%	56	23
Missouri	286,982	4,048,594	7.09%	54	24
New Hampshire	60,594	881,699	6.87%	52	25
Hawaii	61,383	894,293	6.86%	50	26
Virginia	349,897	5,126,392	6.83%	48	27
Texas	949,289	13,909,551	6.82%	46	28
Oregon	165,889	2,440,033	6.80%	44	29
Maryland	260,416	3,857,345	6.75%	42	30
Louisiana	215,348	3,203,138	6.72%	40	31
Alabama	219,017	3,273,882	6.69%	38	32
North Carolina	372,268	5,572,935	6.68%	36	33
Alaska	28,520	428,712	6.65%	34	34
Montana	42,314	660,800	6.40%	32	35
Indiana	282,919	4,423,549	6.40%	30	36
Mississippi	125,531	2,000,821	6.27%	28	37
South Carolina	176,552	2,821,266	6.26%	26	38
Ohio	523,265	8,485,326	6.17%	24	39
Tennessee	250,396	4,065,930	6.16%	22	40
Kentucky	181,929	2,976,076	6.11%	20	41
Nevada	73,443	1,201,877	6.11%	18	42
Connecticut	153,308	2,517,511	6.09%	16	43
Idaho	52,196	862,095	6.05%	14	44
Pennsylvania	562,267	9,328,342	6.03%	12	45
West Virginia	85,678	1,429,196	5.99%	10	46
Florida	668,334	11,179,180	5.98%	8	47
Georgia	316,812	5,487,188	5.77%	6	48
Arkansas	108,521	1,885,803	5.75%	4	49
Maine	54,206	957,486	5.66%	2	50
New Jersey	323,005	6,125,267	5.27%	0	51
<b>United States</b>	<b>14,146,196</b>	<b>199,820,267</b>	<b>7.08%</b>		

Table 7-4  
**1996 Participation Rates of Two- and Four-Year  
 Public Universities/Colleges, All Divisions**

State	Enrollment	Population	Participation Rate	Percentile	Rank
Wyoming	29,994	355,751	8.43%	100	1
Kansas	160,134	1,932,805	8.29%	98	2
Utah	114,033	1,378,494	8.27%	96	3
Nebraska	99,717	1,232,910	8.09%	94	4
New Mexico	99,918	1,241,897	8.05%	92	5
Arizona	259,163	3,266,999	7.93%	90	6
North Dakota	36,765	486,412	7.56%	88	7
Colorado	216,010	2,876,939	7.51%	86	8
California	1,629,013	23,387,979	6.97%	84	9
Oklahoma	163,837	2,470,520	6.63%	82	10
<b>WASHINGTON</b>	<b>270,781</b>	<b>4,103,058</b>	<b>6.60%</b>	<b>80</b>	<b>11</b>
Delaware	36,579	556,261	6.58%	78	12
Alaska	27,828	428,712	6.49%	76	13
Wisconsin	245,118	3,882,384	6.31%	74	14
Michigan	459,002	7,360,153	6.24%	72	15
Minnesota	213,308	3,476,449	6.14%	70	16
Texas	839,174	13,909,551	6.03%	68	17
Illinois	532,489	8,857,820	6.01%	66	18
Alabama	196,531	3,273,882	6.00%	64	19
Nevada	71,925	1,201,877	5.98%	62	20
South Dakota	32,861	549,588	5.98%	60	21
Louisiana	187,841	3,203,138	5.86%	58	22
Iowa	125,923	2,169,594	5.80%	56	23
Oregon	141,429	2,440,033	5.80%	54	24
Idaho	49,806	862,095	5.78%	52	25
Montana	38,000	660,800	5.75%	50	26
Mississippi	114,905	2,000,821	5.74%	48	27
Virginia	292,533	5,126,392	5.71%	46	28
Maryland	218,100	3,857,345	5.65%	44	29
North Carolina	303,048	5,572,935	5.44%	42	30
Hawaii	47,370	894,293	5.30%	40	31
West Virginia	75,487	1,429,196	5.28%	38	32
South Carolina	148,363	2,821,266	5.26%	36	33
Arkansas	97,696	1,885,803	5.18%	34	34
Kentucky	154,130	2,976,076	5.18%	32	35
Florida	563,458	11,179,180	5.04%	30	36
Indiana	221,070	4,423,549	5.00%	28	37
Tennessee	199,698	4,065,930	4.91%	26	38
Rhode Island	37,487	766,351	4.89%	24	39
Ohio	404,944	8,485,326	4.77%	22	40
Missouri	191,126	4,048,594	4.72%	20	41
Georgia	250,876	5,487,188	4.57%	18	42
Vermont	20,139	449,303	4.48%	16	43
New Jersey	264,603	6,125,267	4.32%	14	44
New York	572,061	13,819,979	4.14%	12	45
New Hampshire	36,365	881,699	4.12%	10	46
Maine	38,260	957,486	4.00%	8	47
Connecticut	97,079	2,517,511	3.86%	6	48
Massachusetts	174,118	4,719,320	3.69%	4	49
Pennsylvania	342,086	9,328,342	3.67%	2	50
District of Columbia	7,872	435,014	1.81%	0	51
<b>United States</b>	<b>11,150,053</b>	<b>199,820,267</b>	<b>5.58%</b>		

Table 7-5  
**1996 Participation Rates of Two- and Four-Year  
 Public Universities/Colleges, Lower Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
Wyoming	22,614	355,751	6.36%	100	1
Arizona	189,011	3,266,999	5.79%	98	2
New Mexico	69,565	1,241,897	5.60%	96	3
Kansas	107,029	1,932,805	5.54%	94	4
California	1,269,513	23,387,979	5.43%	92	5
Nebraska	65,747	1,232,910	5.33%	90	6
Utah	73,225	1,378,494	5.31%	88	7
<b>WASHINGTON</b>	<b>213,651</b>	<b>4,103,058</b>	<b>5.21%</b>	<b>86</b>	<b>8</b>
Colorado	140,398	2,876,939	4.88%	84	9
Alaska	20,437	428,712	4.77%	82	10
Illinois	404,148	8,857,820	4.56%	80	11
Delaware	25,173	556,261	4.53%	78	12
North Dakota	21,557	486,412	4.43%	76	13
Nevada	52,307	1,201,877	4.35%	74	14
Wisconsin	166,169	3,882,384	4.28%	72	15
Minnesota	146,424	1,476,449	4.21%	70	16
Oklahoma	103,784	2,470,520	4.20%	68	17
Oregon	101,244	2,440,033	4.15%	66	18
Texas	574,619	13,909,551	4.13%	64	19
Michigan	293,142	7,360,153	3.98%	62	20
Mississippi	78,446	2,000,821	3.92%	60	21
Iowa	83,477	2,169,594	3.85%	58	22
North Carolina	214,118	5,572,935	3.84%	56	23
Alabama	124,105	3,273,882	3.79%	54	24
Maryland	145,862	3,857,345	3.78%	52	25
Florida	416,676	11,179,180	3.73%	50	26
Virginia	190,911	5,126,392	3.72%	48	27
Hawaii	31,456	894,293	3.52%	46	28
South Dakota	19,307	549,588	3.51%	44	29
Louisiana	110,804	3,203,138	3.46%	42	30
Arkansas	65,156	1,885,803	3.46%	40	31
South Carolina	96,931	2,821,266	3.44%	38	32
Montana	21,597	660,800	3.27%	36	33
Idaho	28,109	862,095	3.26%	34	34
Tennessee	129,987	4,065,930	3.20%	32	35
Kentucky	94,683	2,976,076	3.18%	30	36
Ohio	266,247	8,485,326	3.14%	28	37
Missouri	125,133	4,048,594	3.09%	26	38
Rhode Island	23,542	766,351	3.07%	24	39
Indiana	132,856	4,423,549	3.00%	22	40
Vermont	13,319	449,303	2.96%	20	41
New Jersey	181,366	6,125,267	2.96%	18	42
West Virginia	41,789	1,429,196	2.92%	16	43
Georgia	160,095	5,487,188	2.92%	14	44
New York	392,430	13,819,979	2.84%	12	45
New Hampshire	23,401	881,699	2.65%	10	46
Maine	24,822	957,486	2.59%	8	47
Massachusetts	121,530	4,719,320	2.58%	6	48
Connecticut	63,486	2,517,511	2.52%	4	49
Pennsylvania	227,656	9,328,342	2.44%	2	50
District of Columbia	4,698	435,014	1.08%	0	51
<b>United States</b>	<b>7,713,746</b>	<b>199,820,267</b>	<b>3.86%</b>		

Table 7-6  
**1996 Participation Rates of Two-Year  
 Public Colleges, Lower Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
Wyoming	18,743	355,751	5.27%	100	1
California	1,125,501	23,387,979	4.81%	98	2
Arizona	156,662	3,266,999	4.80%	96	3
<b>WASHINGTON</b>	<b>183,477</b>	<b>4,103,058</b>	<b>4.47%</b>	<b>94</b>	<b>4</b>
New Mexico	51,100	1,241,897	4.11%	92	5
Illinois	340,170	8,857,820	3.84%	90	6
Kansas	74,200	7,932,805	3.84%	88	7
Nebraska	42,451	1,232,910	3.44%	86	8
Nevada	40,937	1,201,877	3.41%	84	9
Oregon	77,016	2,440,033	3.16%	82	10
Florida	352,280	11,179,180	3.15%	80	11
Texas	425,153	13,909,551	3.06%	78	12
Colorado	83,717	2,876,939	2.91%	76	13
Hawaii	25,679	894,293	2.87%	74	14
Oklahoma	70,236	2,470,520	2.84%	72	15
Minnesota	95,462	3,476,449	2.75%	70	16
Iowa	59,384	2,169,594	2.74%	68	17
Mississippi	54,345	2,000,821	2.72%	66	18
Michigan	199,582	7,360,153	2.71%	64	19
Maryland	104,118	3,857,345	2.70%	62	20
Wisconsin	104,154	3,882,384	2.68%	60	21
North Carolina	146,509	5,572,935	2.63%	58	22
Virginia	124,724	5,126,392	2.43%	56	23
Utah	32,720	1,378,494	2.37%	54	24
Alabama	73,735	3,273,882	2.25%	52	25
South Carolina	61,019	2,821,266	2.16%	50	26
Delaware	11,871	556,261	2.13%	48	27
New Jersey	127,110	6,125,267	2.08%	46	28
Tennessee	84,190	4,065,930	2.07%	44	29
Rhode Island	15,236	766,351	1.99%	42	30
Arkansas	35,602	1,885,803	1.89%	40	31
Missouri	73,884	4,048,594	1.82%	38	32
North Dakota	8,713	486,412	1.79%	36	33
New York	243,859	13,819,979	1.76%	34	34
Ohio	146,944	8,485,326	1.73%	32	35
Georgia	91,863	5,487,188	1.67%	30	36
Kentucky	49,813	2,976,076	1.67%	28	37
Connecticut	41,040	2,517,511	1.63%	26	38
Massachusetts	72,294	4,719,320	1.53%	24	39
Louisiana	40,591	3,203,138	1.27%	22	40
Pennsylvania	109,863	9,328,342	1.18%	20	41
New Hampshire	9,818	881,699	1.11%	18	42
Vermont	4,561	449,303	1.02%	16	43
Idaho	8,462	862,095	0.98%	14	44
Montana	6,303	660,800	0.95%	12	45
Indiana	38,124	4,423,549	0.86%	10	46
South Dakota	4,494	549,588	0.82%	8	47
Maine	7,281	957,486	0.76%	6	48
West Virginia	7,712	1,429,196	0.54%	4	49
Alaska	751	428,712	0.18%	2	50
District of Columbia	0	435,014	0.00%	0	51
<b>United States</b>	<b>5,363,453</b>	<b>199,820,267</b>	<b>2.68%</b>		



Table 7-7  
**1996 Participation Rates of Four-Year  
 Public Universities/Colleges, All Divisions**

State	Enrollment	Population	Participation Rate	Percentile	Rank
Alaska	27,077	428,712	6.32%	100	1
Utah	81,313	1,378,494	5.90%	98	2
North Dakota	28,052	486,412	5.77%	96	3
South Dakota	28,367	549,588	5.16%	94	4
Montana	31,697	660,800	4.80%	92	5
Idaho	41,344	862,095	4.80%	90	6
West Virginia	67,775	1,429,196	4.74%	88	7
Nebraska	57,266	1,232,910	4.64%	86	8
Colorado	132,293	2,876,939	4.60%	84	9
Louisiana	147,250	3,203,138	4.60%	82	10
Kansas	85,934	1,932,805	4.45%	80	11
Delaware	24,708	556,261	4.44%	78	12
Indiana	182,946	4,423,549	4.14%	76	13
New Mexico	48,818	1,241,897	3.93%	74	14
Oklahoma	93,601	2,470,520	3.79%	72	15
Alabama	122,796	3,273,882	3.75%	70	16
Wisconsin	140,964	3,882,384	3.63%	68	17
Michigan	259,420	7,360,153	3.52%	66	18
Kentucky	104,317	2,976,076	3.51%	64	19
Vermont	15,578	449,303	3.47%	62	20
Minnesota	117,846	3,476,449	3.39%	60	21
Arkansas	62,094	1,885,803	3.29%	58	22
Virginia	167,809	5,126,932	3.27%	56	23
Maine	30,979	957,486	3.24%	54	24
Wyoming	11,251	355,751	3.16%	52	25
Arizona	102,501	3,266,999	3.14%	50	26
South Carolina	87,344	2,821,266	3.10%	48	27
Iowa	66,539	2,169,594	3.07%	46	28
Ohio	258,000	8,485,326	3.04%	44	29
Mississippi	60,560	2,000,821	3.03%	42	30
New Hampshire	26,547	881,699	3.01%	40	31
Texas	414,021	13,909,551	2.98%	38	32
Maryland	113,982	3,857,345	2.95%	36	33
Rhode Island	22,251	766,351	2.90%	34	34
Georgia	159,013	5,487,188	2.90%	32	35
Missouri	117,242	4,048,594	2.90%	30	36
Tennessee	115,508	4,065,930	2.84%	28	37
North Carolina	156,539	5,572,935	2.81%	26	38
Oregon	64,413	2,440,033	2.64%	24	39
Nevada	30,988	1,201,877	2.58%	22	40
Pennsylvania	232,223	9,328,342	2.49%	20	41
Hawaii	21,691	894,293	2.43%	18	42
New York	328,202	13,819,979	2.37%	16	43
New Jersey	137,493	6,125,267	2.24%	14	44
Connecticut	56,039	2,517,511	2.23%	12	45
Illinois	192,319	8,857,820	2.17%	10	46
Massachusetts	101,824	4,719,320	2.16%	8	47
California	503,512	23,387,979	2.15%	6	48
<b>WASHINGTON</b>	<b>87,304</b>	<b>4,103,058</b>	<b>2.13%</b>	<b>4</b>	<b>49</b>
Florida	211,178	11,179,180	1.89%	2	50
District of Columbia	7,872	435,014	1.81%	0	51
<b>United States</b>	<b>5,786,600</b>	<b>199,820,267</b>	<b>2.90%</b>		

Table 7-8  
**1996 Participation Rates of Four-Year  
 Public Universities/Colleges, Lower Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
Alaska	19,686	428,712	4.59%	100	1
Utah	40,505	1,378,494	2.94%	98	2
South Dakota	14,813	549,588	2.70%	96	3
North Dakota	12,844	486,412	2.64%	94	4
Delaware	13,302	556,261	2.39%	92	5
West Virginia	34,077	1,429,196	2.38%	90	6
Montana	15,294	660,800	2.31%	88	7
Idaho	19,647	862,095	2.28%	86	8
Louisiana	70,213	3,203,138	2.19%	84	9
Indiana	94,732	4,423,549	2.14%	82	10
Colorado	56,681	2,876,939	1.97%	80	11
Vermont	8,758	449,303	1.95%	78	12
Nebraska	23,296	1,232,910	1.89%	76	13
Maine	17,541	957,486	1.83%	74	14
Kansas	32,829	1,932,805	1.70%	72	15
Wisconsin	62,015	3,882,384	1.60%	70	16
Arkansas	29,554	1,885,803	1.57%	68	17
New Hampshire	13,583	881,699	1.54%	66	18
Alabama	50,370	3,273,882	1.54%	64	19
Kentucky	44,870	2,976,076	1.51%	62	20
New Mexico	18,465	1,241,897	1.49%	60	21
Minnesota	50,962	3,476,449	1.47%	58	22
Ohio	117,440	8,485,326	1.38%	56	23
Oklahoma	33,548	2,470,520	1.36%	54	24
Virginia	66,187	5,126,392	1.29%	52	25
South Carolina	35,912	2,821,266	1.27%	50	26
Michigan	93,560	7,360,153	1.27%	48	27
Missouri	51,249	4,048,594	1.27%	46	28
Pennsylvania	117,793	9,328,342	1.26%	44	29
Georgia	68,232	5,487,188	1.24%	42	30
North Carolina	67,609	5,572,935	1.21%	40	31
Mississippi	24,101	2,000,821	1.20%	38	32
Tennessee	45,797	4,065,930	1.13%	36	33
Iowa	24,093	2,169,594	1.11%	34	34
Wyoming	3,871	355,751	1.09%	32	35
Rhode Island	8,306	766,351	1.08%	30	36
Maryland	41,744	3,857,345	1.08%	28	37
District of Columbia	4,698	435,014	1.08%	26	38
New York	148,571	13,819,979	1.08%	24	39
Texas	149,466	13,909,551	1.07%	22	40
Massachusetts	49,236	4,719,320	1.04%	20	41
Oregon	24,228	2,440,033	0.99%	18	42
Arizona	32,349	3,266,999	0.99%	16	43
Nevada	11,370	1,201,877	0.95%	14	44
Connecticut	22,446	2,517,511	0.89%	12	45
New Jersey	54,256	6,125,267	0.89%	10	46
<b>WASHINGTON</b>	<b>30,174</b>	<b>4,103,058</b>	<b>0.74%</b>	<b>8</b>	<b>47</b>
Illinois	63,978	8,857,820	0.72%	6	48
Hawaii	5,777	894,293	0.65%	4	49
California	144,012	23,387,979	0.62%	2	50
Florida	64,396	11,179,180	0.58%	0	51
<b>United States</b>	<b>2,348,430</b>	<b>199,820,267</b>	<b>1.18%</b>		

Table 7-9  
**1996 Participation Rates of Four-Year  
 Public Universities/Colleges, Upper Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
North Dakota	12,177	486,412	2.50%	100	1
Utah	31,360	1,378,494	2.27%	98	2
Montana	13,030	660,800	1.97%	96	3
Nebraska	21,941	1,232,910	1.78%	94	4
South Dakota	9,574	549,588	1.74%	92	5
Idaho	14,836	862,095	1.72%	90	6
Kansas	32,611	1,932,805	1.69%	88	7
Louisiana	53,717	3,203,138	1.68%	86	8
Oklahoma	40,654	2,470,520	1.65%	84	9
Colorado	46,664	2,876,939	1.62%	82	10
West Virginia	22,031	1,429,196	1.54%	80	11
Alabama	49,283	3,273,882	1.51%	78	12
Wisconsin	56,373	3,882,384	1.45%	76	13
Delaware	7,822	556,261	1.41%	74	14
Alaska	6,025	428,712	1.41%	72	15
New Mexico	17,391	1,241,897	1.40%	70	16
Wyoming	4,950	355,751	1.39%	68	17
Michigan	100,839	7,360,153	1.37%	66	18
Minnesota	47,500	3,476,449	1.37%	64	19
Arizona	44,115	3,266,999	1.35%	62	20
Kentucky	39,019	2,976,076	1.31%	60	21
Indiana	57,438	4,423,549	1.30%	58	22
Texas	172,701	13,909,551	1.24%	56	23
Iowa	26,897	2,169,594	1.24%	54	24
Mississippi	24,724	2,000,821	1.24%	52	25
Arkansas	22,962	1,885,803	1.22%	50	26
Rhode Island	8,945	766,351	1.17%	48	27
Tennessee	46,817	4,065,930	1.15%	46	28
Maryland	43,775	3,857,345	1.13%	44	29
Missouri	45,585	4,048,594	1.13%	42	30
Hawaii	9,980	894,293	1.12%	40	31
Virginia	56,857	5,126,392	1.11%	38	32
Vermont	4,936	449,303	1.10%	36	33
Georgia	59,856	5,487,188	1.09%	34	34
California	254,687	23,387,979	1.09%	32	35
Oregon	25,854	2,440,033	1.06%	30	36
North Carolina	58,781	5,572,935	1.05%	28	37
Nevada	12,541	1,201,877	1.04%	26	38
Ohio	88,152	8,485,326	1.04%	24	39
New Hampshire	9,113	881,699	1.03%	22	40
<b>WASHINGTON</b>	<b>42,356</b>	<b>4,103,058</b>	<b>1.03%</b>	<b>20</b>	<b>41</b>
South Carolina	29,070	2,821,266	1.03%	18	42
Maine	9,439	957,486	0.99%	16	43
Florida	101,904	11,179,180	0.91%	14	44
Illinois	78,494	8,857,820	0.89%	12	45
New Jersey	52,839	6,125,267	0.86%	10	46
New York	116,666	13,819,979	0.84%	8	47
Pennsylvania	73,141	9,328,342	0.78%	6	48
Connecticut	18,529	2,517,511	0.74%	4	49
Massachusetts	32,797	4,719,320	0.69%	2	50
District of Columbia	2,446	435,014	0.56%	0	51
<b>United States</b>	<b>2,260,188</b>	<b>199,820,267</b>	<b>1.13%</b>		

Table 7-10  
**1996 Participation Rates of Four-Year  
 Public Universities/Colleges, Post Baccalaureate/Graduate Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
Colorado	9,993	2,876,939	0.35%	100	1
New Mexico	3,737	1,241,897	0.30%	98	2
Rhode Island	2,078	766,351	0.27%	96	3
South Carolina	7,099	2,821,266	0.25%	94	4
Nevada	2,791	1,201,877	0.23%	92	5
Virginia	11,257	5,126,392	0.22%	90	6
Wyoming	697	355,751	0.20%	88	7
Kansas	3,538	1,932,805	0.18%	86	8
Nebraska	2,191	1,232,910	0.18%	84	9
Arizona	5,789	3,266,999	0.18%	82	10
New Hampshire	1,438	881,699	0.16%	80	11
Mississippi	3,185	2,000,821	0.16%	78	12
Oregon	3,844	2,440,033	0.16%	76	13
Idaho	1,222	862,095	0.14%	74	14
Indiana	5,736	4,423,549	0.13%	72	15
Utah	1,784	7,378,494	0.13%	70	16
California	29,999	23,387,979	0.13%	68	17
Louisiana	4,068	3,203,138	0.13%	66	18
New Jersey	7,764	6,125,267	0.13%	64	19
Massachusetts	5,887	4,719,320	0.12%	62	20
Hawaii	1,104	894,293	0.12%	60	21
Kentucky	3,595	2,976,076	0.12%	58	22
South Dakota	658	549,588	0.12%	56	23
Michigan	8,560	7,360,153	0.12%	54	24
West Virginia	1,501	1,429,196	0.11%	52	25
Connecticut	2,533	2,517,511	0.10%	50	26
Tennessee	3,894	4,065,930	0.10%	48	27
Illinois	8,094	8,857,820	0.09%	46	28
Iowa	1,950	2,169,594	0.09%	44	29
Texas	12,159	13,909,551	0.09%	42	30
North Carolina	4,865	5,572,935	0.09%	40	31
New York	10,965	13,819,979	0.08%	38	32
Arkansas	1,480	1,885,803	0.08%	36	33
Florida	8,641	11,179,180	0.08%	34	34
Missouri	2,889	4,048,594	0.07%	32	35
Oklahoma	1,745	2,470,520	0.07%	30	36
Pennsylvania	6,361	9,328,342	0.07%	28	37
Wisconsin	2,627	3,882,384	0.07%	26	38
Montana	426	660,800	0.06%	24	39
Alabama	1,965	3,273,882	0.06%	22	40
Maryland	2,298	3,857,345	0.06%	20	41
Ohio	4,652	8,485,326	0.05%	18	42
Delaware	294	556,261	0.05%	16	43
Georgia	2,781	5,487,188	0.05%	14	44
Maine	473	957,486	0.05%	12	45
Vermont	162	449,303	0.04%	10	46
Minnesota	1,125	3,476,449	0.03%	8	47
District of Columbia	122	435,014	0.03%	6	48
<b>WASHINGTON</b>	<b>390</b>	<b>4,103,058</b>	<b>0.01%</b>	<b>4</b>	<b>49</b>
Alaska	0	428,712	0.00%	2	50
North Dakota	0	486,412	0.00%	0	51
<b>United States</b>	<b>212,406</b>	<b>199,820,267</b>	<b>0.11%</b>		

Table 7-11  
**1996 Participation Rates of Four-Year  
 Public Universities/Colleges, Graduate and Professional Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
Kansas	16,957	1,932,805	0.88%	100	1
Nebraska	9,838	1,232,910	0.80%	98	2
Michigan	56,461	7,360,153	0.77%	96	3
New Mexico	9,226	1,241,897	0.74%	94	4
Oklahoma	17,654	2,470,520	0.71%	92	5
West Virginia	10,167	1,429,196	0.71%	90	6
Maryland	26,165	3,857,345	0.68%	88	7
Colorado	18,955	2,876,939	0.66%	86	8
Idaho	5,639	862,095	0.65%	84	9
Virginia	33,509	5,126,392	0.65%	82	10
Alabama	21,179	3,273,882	0.65%	80	11
Iowa	13,599	2,169,594	0.63%	78	12
North Dakota	3,031	486,412	0.62%	76	13
Arizona	20,248	3,266,999	0.62%	74	14
South Dakota	3,323	549,588	0.60%	72	15
Louisiana	19,252	3,203,138	0.60%	70	16
Delaware	3,290	556,261	0.59%	68	17
Texas	79,695	13,909,551	0.57%	66	18
Indiana	25,041	4,423,549	0.57%	64	19
Kentucky	16,833	2,976,076	0.57%	62	20
Ohio	47,757	8,485,326	0.56%	60	21
Utah	7,664	1,378,494	0.56%	58	22
South Carolina	15,263	2,821,266	0.54%	56	23
Hawaii	4,830	894,293	0.54%	54	24
Minnesota	18,259	3,476,449	0.53%	52	25
Wisconsin	19,949	3,882,384	0.51%	50	26
Georgia	28,144	5,487,188	0.51%	48	27
Connecticut	12,531	2,517,511	0.50%	46	28
Wyoming	1,734	355,751	0.49%	44	29
Illinois	41,753	8,857,820	0.47%	42	30
Tennessee	19,000	4,065,930	0.47%	40	31
North Carolina	25,284	5,572,935	0.45%	38	32
Montana	2,947	660,800	0.45%	36	33
Missouri	17,519	4,048,594	0.43%	34	34
Oregon	10,487	2,440,033	0.43%	32	35
Arkansas	8,099	1,885,803	0.43%	30	36
Mississippi	8,550	2,000,821	0.43%	28	37
Vermont	1,722	449,303	0.38%	26	38
Rhode Island	2,922	766,351	0.38%	24	39
New York	52,000	13,819,979	0.38%	22	40
Pennsylvania	34,929	9,328,342	0.37%	20	41
New Jersey	22,634	6,125,267	0.37%	18	42
Maine	3,527	957,486	0.37%	16	43
Nevada	4,286	1,201,877	0.36%	14	44
<b>WASHINGTON</b>	<b>14,384</b>	<b>4,103,058</b>	<b>0.35%</b>	<b>12</b>	<b>45</b>
Florida	36,237	11,179,180	0.32%	10	46
California	74,814	23,387,979	0.32%	8	47
Alaska	1,366	428,712	0.32%	6	48
Massachusetts	13,904	4,719,320	0.29%	4	49
New Hampshire	2,413	881,699	0.27%	2	50
District of Columbia	607	435,014	0.14%	0	51
<b>United States</b>	<b>965,577</b>	<b>199,820,267</b>	<b>0.48%</b>		

Table 7-12  
**1996 Participation Rates of Four-Year  
 Private Universities/Colleges, All Divisions**

State	Enrollment	Population	Participation Rate	Percentile	Rank
District of Columbia	66,792	435,014	15.35%	100	1
Massachusetts	229,058	4,719,320	4.85%	98	2
Rhode Island	34,844	766,351	4.55%	96	3
Vermont	14,680	449,303	3.27%	94	4
New York	426,693	13,819,979	3.09%	92	5
New Hampshire	24,229	881,699	2.75%	90	6
Utah	36,186	1,378,494	2.63%	88	7
Missouri	95,856	4,048,594	2.37%	86	8
Pennsylvania	220,181	9,328,342	2.36%	84	9
Iowa	50,621	2,169,594	2.33%	82	10
Connecticut	56,229	2,517,511	2.23%	80	11
Illinois	184,218	8,857,820	2.08%	78	12
Minnesota	61,040	3,476,449	1.76%	76	13
Maine	15,946	957,486	1.67%	74	14
Nebraska	19,599	1,232,910	1.59%	72	15
Hawaii	14,013	894,293	1.57%	70	16
Delaware	8,259	556,261	1.48%	68	17
Indiana	61,849	4,423,549	1.40%	66	18
Ohio	118,321	8,485,326	1.39%	64	19
Wisconsin	52,811	3,882,384	1.36%	62	20
Tennessee	50,698	4,065,930	1.25%	60	21
North Carolina	69,220	5,572,935	1.24%	58	22
South Dakota	6,605	549,588	1.20%	56	23
Georgia	65,936	5,487,188	1.20%	54	24
Colorado	33,124	2,876,939	1.15%	52	25
Michigan	84,230	7,360,153	1.14%	50	26
Virginia	57,364	5,126,392	1.12%	48	27
Maryland	42,316	3,857,345	1.10%	46	28
California	242,892	23,387,979	1.04%	44	29
Oregon	24,460	2,440,033	1.00%	42	30
South Carolina	28,189	2,821,266	1.00%	40	31
New Jersey	58,402	6,125,267	0.95%	38	32
Florida	104,876	11,179,180	0.94%	36	33
Kentucky	27,799	2,976,076	0.93%	34	34
<b>WASHINGTON</b>	<b>37,785</b>	<b>4,103,058</b>	<b>0.92%</b>	<b>32</b>	<b>35</b>
Louisiana	27,507	3,203,138	0.86%	30	36
Oklahoma	20,954	2,470,520	0.85%	28	37
Kansas	16,048	1,932,805	0.83%	26	38
Texas	110,115	13,909,551	0.79%	24	39
North Dakota	3,521	486,412	0.72%	22	40
West Virginia	10,191	1,429,196	0.71%	20	41
Arizona	22,934	3,266,999	0.70%	18	42
Alabama	22,486	3,273,882	0.69%	16	43
Montana	4,314	660,800	0.65%	14	44
Arkansas	10,825	1,885,803	0.57%	12	45
New Mexico	6,701	1,241,897	0.54%	10	46
Mississippi	10,626	2,000,821	0.53%	8	47
Idaho	2,390	862,095	0.28%	6	48
Alaska	692	428,712	0.16%	4	49
Nevada	1,518	1,201,877	0.13%	2	50
Wyoming	0	355,751	0.00%	0	51
<b>United States</b>	<b>2,996,143</b>	<b>199,820,267</b>	<b>1.50%</b>		

Table 7-13  
**1996 Participation Rates of Four-Year  
 Private Universities/Colleges, Lower Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
District of Columbia	19,635	435,014	4.51%	100	1
Rhode Island	19,451	766,351	2.54%	98	2
Massachusetts	89,595	4,719,320	1.90%	96	3
Vermont	7,661	449,303	1.71%	94	4
New York	168,212	13,819,979	1.22%	92	5
New Hampshire	10,704	881,699	1.21%	90	6
Utah	15,433	1,378,494	1.12%	88	7
Iowa	21,787	2,169,594	1.00%	86	8
Pennsylvania	91,162	9,328,342	0.98%	84	9
Hawaii	8,673	894,293	0.97%	82	10
Missouri	37,783	4,048,594	0.93%	80	11
Connecticut	22,306	2,517,511	0.89%	78	12
Illinois	65,336	8,857,820	0.74%	76	13
Maine	6,986	957,486	0.73%	74	14
Indiana	30,479	4,423,549	0.69%	72	15
Nebraska	8,462	1,232,910	0.69%	70	16
South Dakota	3,542	549,588	0.64%	68	17
Minnesota	21,680	3,476,449	0.62%	66	18
Ohio	52,778	8,485,326	0.62%	64	19
Delaware	3,373	556,261	0.61%	62	20
Michigan	44,084	7,360,153	0.60%	60	21
Tennessee	23,644	4,065,930	0.58%	58	22
North Carolina	32,133	5,572,935	0.58%	56	23
Wisconsin	21,876	3,882,384	0.56%	54	24
South Carolina	15,609	2,821,266	0.55%	52	25
Georgia	29,855	5,487,188	0.54%	50	26
Virginia	27,541	5,126,392	0.54%	48	27
Kentucky	15,269	2,976,076	0.51%	46	28
Colorado	13,032	2,876,939	0.45%	44	29
Montana	2,883	660,800	0.44%	42	30
West Virginia	6,114	1,429,196	0.43%	40	31
Oregon	10,146	2,440,033	0.42%	38	32
Florida	43,616	11,179,180	0.39%	36	33
New Jersey	23,023	6,125,267	0.38%	34	34
North Dakota	1,809	486,412	0.37%	32	35
Alabama	11,599	3,273,882	0.35%	30	36
Kansas	6,778	1,932,805	0.35%	28	37
Oklahoma	8,624	2,470,520	0.35%	26	38
Louisiana	10,897	3,203,138	0.34%	24	39
Maryland	12,460	3,857,345	0.32%	22	40
Arkansas	6,011	1,885,803	0.32%	20	41
Texas	44,062	13,909,551	0.32%	18	42
<b>WASHINGTON</b>	<b>12,942</b>	<b>4,103,058</b>	<b>0.32%</b>	<b>16</b>	<b>43</b>
California	71,931	23,387,979	0.31%	14	44
Arizona	9,282	3,266,999	0.28%	12	45
New Mexico	2,266	1,241,897	0.18%	10	46
Mississippi	3,609	2,000,821	0.18%	8	47
Idaho	1,108	862,095	0.13%	6	48
Alaska	304	428,712	0.07%	4	49
Nevada	641	1,201,877	0.05%	2	50
Wyoming	0	355,751	0.00%	0	51
<b>United States</b>	<b>1,218,172</b>	<b>199,820,267</b>	<b>0.61%</b>		

Table 7-14  
**1996 Participation Rates of Four-Year  
 Private Universities/Colleges, Upper Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
District of Columbia	14,265	435,014	3.28%	100	1
Rhode Island	10,723	766,351	1.40%	98	2
Massachusetts	65,614	4,719,320	1.39%	96	3
Utah	16,683	1,378,494	1.21%	94	4
Vermont	4,648	449,303	1.03%	92	5
Iowa	21,113	2,169,594	0.97%	90	6
New York	127,999	13,819,979	0.93%	88	7
New Hampshire	7,341	881,699	0.83%	86	8
Pennsylvania	74,191	9,328,342	0.80%	84	9
Missouri	30,070	4,048,594	0.74%	82	10
Maine	6,424	957,486	0.67%	80	11
Connecticut	15,954	2,517,511	0.63%	78	12
Nebraska	7,649	1,232,910	0.62%	76	13
Illinois	53,840	8,857,820	0.61%	74	14
Minnesota	18,591	3,476,449	0.53%	72	15
Wisconsin	20,145	3,882,384	0.52%	70	16
Indiana	22,674	4,423,549	0.51%	68	17
Ohio	40,470	8,485,326	0.48%	66	18
South Dakota	2,581	549,588	0.47%	64	19
North Carolina	24,806	5,572,935	0.45%	62	20
Tennessee	17,517	4,065,930	0.43%	60	21
Delaware	2,257	556,261	0.41%	58	22
Kansas	7,431	1,932,805	0.38%	56	23
Michigan	27,870	7,360,153	0.38%	54	24
Hawaii	3,329	894,293	0.37%	52	25
Virginia	18,721	5,126,392	0.37%	50	26
South Carolina	10,198	2,821,266	0.36%	48	27
Georgia	18,278	5,487,188	0.33%	46	28
Oregon	7,810	2,440,033	0.32%	44	29
North Dakota	1,557	486,412	0.32%	42	30
<b>WASHINGTON</b>	<b>13,123</b>	<b>4,103,058</b>	<b>0.32%</b>	<b>40</b>	<b>31</b>
Oklahoma	7,320	2,470,520	0.30%	38	32
Colorado	8,208	2,876,939	0.29%	36	33
California	65,527	23,387,979	0.28%	34	34
Florida	31,145	11,179,180	0.28%	32	35
New Jersey	17,021	6,125,267	0.28%	30	36
Maryland	10,475	3,857,345	0.27%	28	37
Texas	36,709	13,909,551	0.26%	26	38
Louisiana	8,425	3,203,138	0.26%	24	39
Kentucky	7,744	2,976,076	0.26%	22	40
West Virginia	3,593	1,429,196	0.25%	20	41
Mississippi	4,946	2,000,821	0.25%	18	42
Arkansas	4,545	1,885,803	0.24%	16	43
Alabama	7,511	3,273,882	0.23%	14	44
Montana	1,288	660,800	0.19%	12	45
Arizona	6,068	3,266,999	0.19%	10	46
New Mexico	2,083	1,241,897	0.17%	8	47
Idaho	833	862,095	0.10%	6	48
Alaska	200	428,712	0.05%	4	49
Nevada	322	1,201,877	0.03%	2	50
Wyoming	0	355,751	0.00%	0	51
<b>United States</b>	<b>937,821</b>	<b>199,820,267</b>	<b>0.47%</b>		



Table 7-15  
**1996 Participation Rates of Four-Year  
 Private Universities/Colleges, Post-Baccalaureate/Graduate Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
District of Columbia	2,383	435,014	0.55%	100	1
Minnesota	5,449	3,476,449	0.16%	98	2
Massachusetts	6,452	4,719,320	0.14%	96	3
Vermont	575	449,303	0.13%	94	4
New Hampshire	902	881,699	0.10%	92	5
Rhode Island	714	766,351	0.09%	90	6
Maryland	3,320	3,857,345	0.09%	88	7
Wisconsin	2,670	3,882,384	0.07%	86	8
New York	9,030	13,819,979	0.07%	84	9
Colorado	1,850	2,876,939	0.06%	82	10
Connecticut	1,393	2,517,511	0.06%	80	11
Delaware	272	556,261	0.05%	78	12
Idaho	400	862,095	0.05%	76	13
Illinois	3,677	8,857,820	0.04%	74	14
New Jersey	2,269	6,125,267	0.04%	72	15
California	8,472	23,387,979	0.04%	70	16
Pennsylvania	3,184	9,328,342	0.03%	68	17
Arizona	1,040	3,266,999	0.03%	66	18
Missouri	1,158	4,048,594	0.03%	64	19
Oregon	672	2,440,033	0.03%	62	20
Maine	247	957,486	0.03%	60	21
<b>WASHINGTON</b>	<b>1,041</b>	<b>4,103,058</b>	<b>0.03%</b>	<b>58</b>	<b>22</b>
Kentucky	698	2,976,076	0.02%	56	23
Ohio	1,962	8,485,326	0.02%	54	24
Iowa	476	2,169,594	0.02%	52	25
Nebraska	227	1,232,910	0.02%	50	26
Virginia	846	5,126,392	0.02%	48	27
Georgia	794	5,487,188	0.01%	46	28
Indiana	571	4,423,549	0.01%	44	29
North Carolina	691	5,572,935	0.01%	42	30
Texas	1,640	13,909,551	0.01%	40	31
Kansas	214	1,932,805	0.01%	38	32
Louisiana	296	3,203,138	0.01%	36	33
Michigan	659	7,360,153	0.01%	34	34
Florida	978	11,179,180	0.01%	32	35
Tennessee	311	4,065,930	0.01%	30	36
Alaska	32	428,712	0.01%	28	37
Mississippi	122	2,000,821	0.01%	26	38
South Carolina	172	2,821,266	0.01%	24	39
South Dakota	26	549,588	0.00%	22	40
Alabama	148	3,273,882	0.00%	20	41
New Mexico	31	1,241,897	0.00%	18	42
Arkansas	47	1,885,803	0.00%	16	43
Montana	15	660,800	0.00%	14	44
Oklahoma	52	2,470,520	0.00%	12	45
Hawaii	15	894,293	0.00%	10	46
North Dakota	7	486,412	0.00%	8	47
Nevada	8	1,201,877	0.00%	6	48
West Virginia	4	1,429,196	0.00%	4	49
Utah	0	1,378,494	0.00%	2	50
Wyoming	0	355,751	0.00%	0	51
<b>United States</b>	<b>68,212</b>	<b>199,820,267</b>	<b>0.03%</b>		

Table 7-16  
**1996 Participation Rates of Four-Year  
 Private Colleges, Graduate and Professional Division**

State	Enrollment	Population	Participation Rate	Percentile	Rank
District of Columbia	30,510	435,014	7.01%	100	1
Massachusetts	67,398	4,719,320	1.43%	98	2
New York	121,453	13,819,979	0.88%	96	3
Illinois	61,365	8,857,820	0.69%	94	4
Missouri	26,845	4,048,594	0.66%	92	5
Connecticut	16,576	2,517,511	0.66%	90	6
New Hampshire	5,282	881,699	0.60%	88	7
Pennsylvania	51,644	9,328,342	0.55%	86	8
Rhode Island	3,957	766,351	0.52%	84	9
Minnesota	15,321	3,476,449	0.44%	82	10
Delaware	2,358	556,261	0.42%	80	11
Maryland	16,062	3,857,345	0.42%	78	12
California	96,963	23,387,979	0.41%	76	13
Vermont	1,796	449,303	0.40%	74	14
Colorado	10,034	2,876,939	0.35%	72	15
Iowa	7,245	2,169,594	0.33%	70	16
Georgia	17,009	5,487,188	0.31%	68	17
Utah	4,070	1,378,494	0.30%	66	18
Ohio	23,112	8,485,326	0.27%	64	19
Nebraska	3,261	1,232,910	0.26%	62	20
New Jersey	16,090	6,125,267	0.26%	60	21
Florida	29,138	11,179,180	0.26%	58	22
<b>WASHINGTON</b>	<b>10,680</b>	<b>4,103,058</b>	<b>0.26%</b>	<b>56</b>	<b>23</b>
Louisiana	7,890	3,203,138	0.25%	54	24
Maine	2,289	957,486	0.24%	52	25
Oregon	5,833	2,440,033	0.24%	50	26
Tennessee	9,226	4,065,930	0.23%	48	27
Hawaii	1,996	894,293	0.22%	46	28
Wisconsin	8,121	3,882,384	0.21%	44	29
North Carolina	11,590	5,572,935	0.21%	42	30
Oklahoma	4,959	2,470,520	0.20%	40	31
Arizona	6,545	3,266,999	0.20%	38	32
Virginia	10,257	5,126,392	0.20%	36	33
Texas	27,705	13,909,551	0.20%	34	34
New Mexico	2,322	1,241,897	0.19%	32	35
Indiana	8,126	4,423,549	0.18%	30	36
Michigan	11,617	7,360,153	0.16%	28	37
Kentucky	4,088	2,976,076	0.14%	26	38
Alabama	3,228	3,273,882	0.10%	24	39
Mississippi	1,950	2,000,821	0.10%	22	40
Kansas	1,626	1,932,805	0.08%	20	41
South Dakota	457	549,588	0.08%	18	42
South Carolina	2,211	2,821,266	0.08%	16	43
Nevada	547	1,201,877	0.05%	14	44
Alaska	157	428,712	0.04%	12	45
West Virginia	481	1,429,196	0.03%	10	46
North Dakota	149	486,412	0.03%	8	47
Montana	129	660,800	0.02%	6	48
Arkansas	222	1,885,803	0.01%	4	49
Idaho	49	862,095	0.01%	2	50
Wyoming	0	355,751	0.00%	0	51
<b>United States</b>	<b>771,939</b>	<b>199,820,267</b>	<b>0.39%</b>		

APPENDIX A

**HISTORICAL AND CURRENT ENROLLMENT STATISTICS**

Table A-1  
**Community College Headcount by College**  
**Fall 1954 to Fall 1973**

Colleges	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Bellevue	-	-	-	-	-	-	-	-	-	-
Big Bend	-	-	-	-	-	-	-	-	808	1,128
Centralia	208	302	386	408	427	508	691	807	1,109	1,061
Clark	1,016	1,213	1,313	1,575	1,216	1,398	1,522	1,753	3,322	3,036
Columbia Basin	-	141	497	719	1,047	1,279	1,269	1,605	2,871	2,700
Edmonds	-	-	-	-	-	-	-	-	-	-
Everett	1,344	1,772	2,010	2,098	1,891	2,158	2,170	2,367	3,904	4,036
Grays Harbor	340	362	416	419	593	595	587	698	1,108	1,150
Green River	-	-	-	-	-	-	-	-	-	-
Highline	-	-	-	-	-	-	-	1,092	2,085	2,545
Lower Columbia	332	577	409	455	514	598	724	883	1,728	1,801
North Seattle	-	-	-	-	-	-	-	-	-	-
Olympic	1,287	1,347	1,551	1,139	1,150	1,292	1,565	2,089	3,554	3,609
Peninsula	-	-	-	-	-	-	-	302	632	686
Pierce	-	-	-	-	-	-	-	-	-	-
Seattle Central	-	-	-	-	-	-	-	-	-	-
Shoreline	-	-	-	-	-	-	-	-	-	865
Skagit Valley	333	453	514	578	583	744	766	984	1,918	1,821
South Puget Sound	-	-	-	-	-	-	-	-	-	-
South Seattle	-	-	-	-	-	-	-	-	-	-
Spokane	-	-	-	-	-	-	-	-	-	293
Spokane Falls	-	-	-	-	-	-	-	-	-	-
Tacoma	-	-	-	-	-	-	-	-	-	-
Walla Walla	-	-	-	-	-	-	-	-	-	-
Wenatchee Valley	278	330	325	351	460	497	551	628	1,050	1,336
Whatcom	-	-	-	-	-	-	-	-	-	-
Yakima Valley	520	700	612	704	877	904	1,041	1,341	2,354	2,409
<b>TOTAL</b>	<b>5,658</b>	<b>7,197</b>	<b>8,033</b>	<b>8,446</b>	<b>8,758</b>	<b>9,973</b>	<b>10,886</b>	<b>14,549</b>	<b>26,443</b>	<b>28,476</b>
<b>Colleges</b>	<b>1964</b>	<b>1965</b>	<b>1966</b>	<b>1967</b>	<b>1968</b>	<b>1969</b>	<b>1970</b>	<b>1971</b>	<b>1972</b>	<b>1973</b>
Bellevue	-	493	889	3,010	3,669	4,677	6,219	5,405	6,102	6,359
Big Bend	1,302	1,418	979	1,257	1,433	1,289	1,100	1,151	1,352	1,606
Centralia	1,360	1,560	1,521	1,738	1,901	2,492	3,099	2,947	3,373	3,767
Clark	3,218	3,602	3,464	3,320	3,996	4,012	5,282	5,069	5,451	6,100
Columbia Basin	2,680	2,832	2,552	2,676	2,895	3,682	4,157	4,196	4,525	5,252
Edmonds	-	-	-	1,431	1,557	2,678	3,147	2,834	3,403	3,443
Everett	4,160	4,717	4,892	4,929	4,769	5,181	5,731	5,867	6,643	6,736
Grays Harbor	1,526	1,895	1,900	2,055	2,073	2,886	3,042	2,690	2,837	3,311
Green River	-	1,766	2,755	3,251	4,366	5,076	5,795	5,154	5,620	5,849
Highline	3,256	3,640	3,335	4,839	5,317	6,379	7,417	6,898	7,762	8,608
Lower Columbia	1,896	2,052	1,909	2,179	2,282	2,476	2,704	2,569	2,406	3,036
North Seattle	-	-	-	-	-	-	4,326	4,951	4,625	5,139
Olympic	4,447	4,558	4,023	4,287	4,603	4,736	5,372	5,213	5,297	6,563
Peninsula	762	865	971	1,139	1,161	1,409	1,641	1,420	1,750	2,233
Pierce	-	-	-	1,683	1,598	1,774	3,369	3,193	4,102	7,412
Seattle Central	-	-	9,623	16,083	12,998	13,617	8,282	7,988	7,817	8,055
Shoreline	1,227	2,143	1,608	3,167	4,313	4,289	5,665	6,614	7,245	6,849
Skagit Valley	2,112	2,219	2,195	2,648	2,648	3,240	3,725	3,616	4,180	4,660
South Puget Sound	-	-	-	-	-	-	-	1,538	2,089	2,226
South Seattle	-	-	-	-	-	-	1,709	2,678	2,917	3,883
Spokane	844	1,531	1,694	6,130	7,532	10,269	11,763	4,478	6,592	7,209
Spokane Falls	-	-	-	-	-	-	-	5,406	7,468	8,382
Tacoma	-	1,080	1,746	2,696	3,203	4,808	6,063	4,066	4,759	5,498
Walla Walla	-	-	-	864	1,249	1,448	1,874	2,313	2,869	3,432
Wenatchee Valley	1,536	1,615	1,587	1,635	1,683	1,610	2,135	1,954	2,004	2,086
Whatcom	-	-	-	-	-	-	357	490	1,167	1,636
Yakima Valley	2,855	3,119	2,968	3,346	3,406	3,673	4,705	3,756	4,292	4,505
<b>TOTAL</b>	<b>33,181</b>	<b>41,105</b>	<b>50,611</b>	<b>74,363</b>	<b>78,652</b>	<b>91,701</b>	<b>108,679</b>	<b>104,454</b>	<b>118,647</b>	<b>133,835</b>

Note: The period 1954 to 1961 represents headcount enrollment excluding auditors. The period 1962 to 1970 represents total headcount enrollment including auditors. Beginning in 1971, state funded headcount including contract funded was available.



Table A-2  
**Community College Headcount by College**  
**Fall 1974 to Fall 1997**

Colleges	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Bellevue	6,690	6,771	6,691	7,597	8,148	8,666	7,929	7,063	5,740	6,270
Big Bend	1,978	2,260	2,010	2,596	2,762	2,897	2,812	2,212	1,544	1,969
Centralia	4,055	4,432	4,181	4,439	5,383	6,550	6,794	5,040	2,805	2,976
Clark	5,661	6,166	7,438	7,239	8,013	9,380	9,563	7,078	6,040	6,829
Columbia Basin	5,726	5,403	5,489	6,830	7,340	9,812	8,441	6,570	6,158	5,209
Edmonds	3,975	4,524	4,328	5,265	6,400	7,299	5,501	4,980	5,116	5,137
Everett	6,696	6,871	6,789	7,333	8,717	9,260	7,963	5,891	5,418	5,428
Grays Harbor	3,168	3,294	2,745	3,224	3,075	3,199	3,669	2,063	2,334	2,297
Green River	6,747	6,891	5,627	6,286	6,362	6,885	6,606	5,582	5,099	5,076
Highline	8,303	8,713	7,917	7,912	8,996	9,912	10,211	8,448	7,236	6,906
Lower Columbia	3,344	3,809	3,620	3,656	3,984	4,369	4,531	3,438	2,943	3,195
North Seattle	5,146	5,800	5,518	5,884	7,202	8,295	8,781	6,369	6,139	5,724
Olympic	7,050	6,964	6,411	7,401	7,387	8,206	8,052	5,402	5,512	5,704
Peninsula	2,512	2,917	2,398	2,850	2,915	3,563	3,579	2,393	2,198	2,061
Pierce	8,094	8,458	5,777	6,018	6,955	7,137	8,043	5,895	5,470	5,137
Seattle Central	8,349	8,548	7,852	8,398	8,272	10,078	9,823	6,232	6,610	6,393
Shoreline	7,090	7,078	7,216	7,332	7,648	7,814	7,901	6,052	5,642	6,103
Skagit Valley	5,041	5,285	4,586	5,523	5,968	7,135	6,727	5,096	3,585	3,931
South Puget Sound	2,485	2,676	2,921	3,045	3,265	4,110	3,811	2,866	2,998	3,249
South Seattle	4,215	4,931	5,004	5,611	6,106	7,770	7,739	5,492	4,442	4,227
Spokane	7,441	7,977	7,349	9,066	9,251	11,540	7,994	7,109	6,534	6,288
Spokane Falls	9,327	11,134	10,651	10,916	12,860	13,684	14,310	8,936	8,861	8,785
Tacoma	5,580	6,419	5,269	5,349	5,277	6,065	6,190	4,536	4,100	4,502
Walla Walla	3,584	3,612	3,520	4,013	5,053	5,268	5,636	4,628	3,278	3,287
Wenatchee Valley	2,456	2,779	2,671	3,180	2,986	3,988	3,042	2,592	2,208	2,400
Whatcom	1,923	2,157	2,149	2,397	2,433	2,938	2,574	2,466	2,162	2,252
Yakima Valley	4,778	5,775	4,697	5,532	4,870	5,709	6,169	4,526	3,604	4,185
<b>TOTAL</b>	<b>141,414</b>	<b>151,644</b>	<b>140,824</b>	<b>154,892</b>	<b>167,628</b>	<b>191,529</b>	<b>184,391</b>	<b>138,955</b>	<b>123,776</b>	<b>125,520</b>

Colleges	1984	1985	1986	1987	1988	1989	1990	1991*	1992*	1993**
Bellevue	6,846	6,961	6,960	6,943	6,726	7,197	7,341	7,143	8,331	
Big Bend	1,772	1,557	1,805	2,015	1,828	2,022	1,794	1,666	2,083	
Centralia	3,212	2,929	3,254	2,725	2,364	2,769	3,094	2,580	2,718	
Clark	7,276	7,059	7,345	7,394	7,908	8,050	8,178	7,464	7,626	
Columbia Basin	5,482	5,548	5,698	5,731	5,964	5,944	5,971	6,040	5,974	
Edmonds	5,642	5,318	5,381	5,774	5,435	4,929	5,293	5,068	5,542	
Everett	6,083	5,967	6,208	6,532	6,480	6,522	6,080	6,430	6,900	
Grays Harbor	2,347	2,518	2,296	2,297	2,340	2,562	2,148	2,215	1,939	
Green River	5,036	5,610	5,313	5,367	5,214	5,575	5,526	6,079	6,368	
Highline	7,443	7,215	8,106	7,772	7,450	7,575	7,322	7,364	7,263	
Lower Columbia	3,110	3,226	3,335	3,394	3,485	3,394	3,516	3,295	3,455	
North Seattle	5,713	5,752	6,315	5,989	6,702	6,790	5,177	6,525	6,031	
Olympic	6,007	5,655	5,449	5,709	5,054	5,506	2,151	5,213	5,264	
Peninsula	2,664	2,700	2,672	2,520	2,523	2,491	5,975	2,294	2,302	
Pierce	5,203	5,525	5,518	5,528	5,847	6,062	6,956	6,463	6,183	
Seattle Central	7,041	6,825	6,708	6,834	7,135	6,992	6,633	7,540	7,334	
Seattle Vocational Institute	--	--	--	--	--	--	--	--	--	
Shoreline	5,866	6,337	6,660	6,476	6,544	6,425	5,164	6,499	6,871	
Skagit Valley	4,031	4,282	4,405	4,124	4,553	4,366	6,257	4,408	4,288	
South Puget Sound	3,215	3,329	3,735	3,540	3,589	3,791	4,598	3,754	3,867	
South Seattle	4,268	4,583	4,608	5,092	5,458	5,083	3,831	5,050	4,880	
Spokane	5,970	5,797	5,725	5,924	5,983	6,035	5,805	6,443	6,603	
Spokane Falls	9,069	9,047	9,314	8,769	9,094	8,194	8,978	8,173	8,158	
Tacoma	4,255	4,471	4,306	4,393	4,339	4,310	4,500	4,581	5,019	
Walla Walla	3,317	3,460	3,647	3,392	3,775	3,623	3,577	3,298	3,192	
Wenatchee Valley	2,351	2,301	2,952	2,683	2,320	2,643	2,551	2,554	2,698	
Whatcom	2,160	2,000	2,128	1,686	2,002	2,106	2,310	2,302	2,445	
Yakima Valley	4,482	4,526	4,679	4,235	4,900	3,819	4,053	4,641	4,999	
<b>TOTAL</b>	<b>129,861</b>	<b>130,498</b>	<b>134,522</b>	<b>132,838</b>	<b>135,012</b>	<b>134,775</b>	<b>134,779</b>	<b>135,082</b>	<b>138,333</b>	

See Next Page

Table A-2 (continued)  
**Community College Headcount by College**  
**Fall 1974 to Fall 1997**

<b>Colleges</b>	<b>1993**</b>	<b>1994**</b>	<b>1995**</b>	<b>1996**</b>	<b>1997**</b>
Bellevue	9,338	9,262	9,129	9,389	9332
Big Bend	1,890	1,955	1,893	1,987	2125
Centralia	2,865	2,788	2,726	3,012	2803
Clark	8,646	8,682	8,678	8,858	8709
Columbia Basin	6,105	5,914	5,600	5,567	5918
Edmonds	6,813	7,379	7,293	6,803	6703
Everett	6,556	6,736	6,547	6,203	6490
Grays Harbor	2,700	2,375	2,241	2,618	2419
Green River	6,720	6,808	6,685	6,284	6115
Highline	7,523	7,115	7,066	7,263	7420
Lower Columbia	3,642	3,341	3,210	3,272	3066
North Seattle	6,741	6,791	6,281	6,246	6507
Olympic	6,105	5,943	5,891	5,759	5672
Peninsula	2,423	2,698	2,503	2,572	2728
Pierce	6,133	6,176	6,180	6,316	6023
Seattle Central	7,411	7,362	7,360	7,287	7396
Seattle Vocational Institute	594	504	301	340	272
Shoreline	7,149	6,787	6,473	6,612	6722
Skagit Valley	5,196	5,345	5,114	5,203	4962
South Puget Sound	4,252	4,081	4,123	4,349	4345
South Seattle	4,668	4,920	4,803	4,840	5177
Spokane	6,028	5,683	5,806	5,879	5911
Spokane Falls	8,993	8,666	8,491	9,114	9481
Tacoma	5,030	4,929	4,922	4,950	4873
Walla Walla	3,161	3,200	3,246	3,351	3699
Wenatchee Valley	2,810	2,603	2,597	2,754	2604
Whatcom	3,053	3,139	3,249	3,373	3448
Yakima Valley	5,150	4,995	4,856	5,141	4906
<b>Total Community Colleges</b>	<b>147,695</b>	<b>146,268</b>	<b>143,264</b>	<b>145,342</b>	<b>145826</b>
<b>Technical Colleges</b>					
Bates Technical	7,220	6,366	5,739	5,488	5087
Bellingham Technical	3,611	3,760	3,767	3,808	4172
Clover Park Technical	7,386	6,617	7,419	8,882	7562
Lake Washington Technical	4,031	4,087	3,357	3,836	3196
Renton Technical	5,502	5,460	5,744	5,287	5571
<b>Total Technical Colleges</b>	<b>27,750</b>	<b>26,290</b>	<b>26,026</b>	<b>27,301</b>	<b>25588</b>
Private Career Colleges	--	--	--	--	308
<b>Total Community and Technical Colleges</b>	<b>175,445</b>	<b>172,558</b>	<b>169,290</b>	<b>172,643</b>	<b>171722</b>

\*Includes Timber Worker Displacement enrollment.

\*\*Includes Timber Worker Displacement and Workforce Training enrollments.

Note: The period 1954 to 1961 represents total headcount enrollment excluding auditors. The period 1962 to 1970 represents total headcount enrollment including auditors. Beginning in 1971, state funded headcount including contract funded was available. Beginning in 1976, state funded only headcount detail was provided.

Sources: SBTC, MIS-HEER Table SR3101 State supported, Fall Quarters.

Table A-3  
Public Four-Year Universities/Colleges  
Fall Headcount 1954 to 1998

University/College	1954	1955	1956	1957	1958	1959	1960	1961	1962
University of Washington	16,164	16,779	18,493	18,876	20,320	20,792	22,304	23,011	23,895
Washington State University	5,865	6,258	6,191	6,409	6,772	7,117	7,444	8,440	8,310
Central Washington University	1,366	1,443	1,685	1,716	1,840	2,048	2,315	2,266	2,603
Eastern Washington University	992	1,230	1,591	2,370	2,458	2,621	3,156	2,873	3,083
The Evergreen State College	—	—	—	—	—	—	—	—	—
Western Washington University	1,600	1,832	2,263	2,427	2,741	2,702	3,256	3,815	4,197
<b>Subtotal</b>	<b>25,987</b>	<b>27,542</b>	<b>30,223</b>	<b>31,798</b>	<b>34,131</b>	<b>35,280</b>	<b>38,475</b>	<b>40,405</b>	<b>42,088</b>
Tri-Cities University Center	—	—	—	—	—	—	—	—	—
<b>TOTAL</b>	<b>25,987</b>	<b>27,542</b>	<b>30,223</b>	<b>31,798</b>	<b>34,131</b>	<b>35,280</b>	<b>38,475</b>	<b>40,405</b>	<b>42,088</b>

University/College	1963	1964	1965	1966	1967	1968	1969	1970	1971
University of Washington	25,581	26,632	28,617	29,535	30,288	32,537	33,055	33,202	33,478
Washington State University	8,792	9,498	10,500	11,045	11,609	12,241	13,367	14,510	14,463
Central Washington University	3,173	3,754	4,566	5,107	5,701	6,490	6,927	7,536	7,425
Eastern Washington University	3,584	4,015	4,323	4,674	4,923	5,494	6,564	6,801	6,618
The Evergreen State College	—	—	—	—	—	—	—	—	1,178
Western Washington University	4,200	4,889	5,732	6,119	6,722	8,135	9,897	9,601	9,864
<b>Subtotal</b>	<b>45,330</b>	<b>48,788</b>	<b>53,738</b>	<b>56,480</b>	<b>59,243</b>	<b>64,897</b>	<b>69,810</b>	<b>71,650</b>	<b>73,026</b>
Tri-Cities University Center	—	254	246	231	269	383	331	198	139
<b>TOTAL</b>	<b>45,330</b>	<b>49,042</b>	<b>53,984</b>	<b>56,711</b>	<b>59,512</b>	<b>65,280</b>	<b>70,141</b>	<b>71,848</b>	<b>73,165</b>

University/College	1972	1973	1974	1975	1976	1977	1978	1979	1980
University of Washington	34,125	34,524	34,504	35,434	35,277	37,120	36,249	37,037	36,155
Washington State University	14,529	14,733	15,613	16,184	16,693	16,665	16,679	16,748	17,236
Central Washington University	6,689	6,438	6,965	7,674	7,776	7,900	7,422	7,909	7,551
Eastern Washington University	6,726	6,415	6,390	7,185	6,895	6,837	7,013	7,724	8,333
The Evergreen State College	2,035	2,327	2,446	2,507	2,636	2,544	2,322	2,514	2,805
Western Washington University	8,884	8,126	8,601	9,198	9,123	9,359	9,800	10,104	10,616
<b>Subtotal</b>	<b>72,988</b>	<b>72,563</b>	<b>74,519</b>	<b>78,182</b>	<b>78,400</b>	<b>80,425</b>	<b>79,485</b>	<b>82,036</b>	<b>82,696</b>
Tri-Cities University Center	201	292	293	391	473	460	492	440	510
<b>TOTAL</b>	<b>71,154</b>	<b>70,528</b>	<b>74,812</b>	<b>78,573</b>	<b>78,873</b>	<b>80,885</b>	<b>79,977</b>	<b>82,476</b>	<b>83,206</b>

University/College	1981	1982	1983	1984	1985	1986
University of Washington	34,759	34,024	33,884	34,015	33,625	33,226
Washington State University	16,826	16,565	16,261	16,305	15,928	15,888
Central Washington University	7,134	6,989	7,121	7,377	6,954	6,990
Eastern Washington University	7,864	8,156	8,492	8,527	7,838	8,091
The Evergreen State College	2,766	2,611	2,717	2,826	2,980	2,965
Western Washington University	10,291	9,352	9,617	9,144	9,200	9,398
<b>Subtotal</b>	<b>79,640</b>	<b>77,697</b>	<b>78,092</b>	<b>78,194</b>	<b>76,525</b>	<b>76,558</b>
Tri-Cities University Center	503	415	461	465	984	692
<b>TOTAL</b>	<b>80,143</b>	<b>78,112</b>	<b>78,553</b>	<b>78,659</b>	<b>77,509</b>	<b>77,250</b>

Refer to the next page for  
1987-1998 data.

Table A-3 (continued)  
**Public Four-Year Universities/Colleges**  
**Fall Headcount 1954 to 1998**

University/College	1987	1988	1989	1990	1991	1992
University of Washington - Seattle	32,889	32,956	32,714	32,809	33,442	33,637
UW - Evening Program	--	--	--	222	317	459
UW - Bothell/Woodinville	--	--	--	126	283	439
UW - Tacoma	--	--	--	176	343	482
WA State University at Pullman	16,083	16,108	16,186	16,523	15,838	15,781
WSU at Spokane	--	--	57	196	211	236
WSU at Tri-Cities	--	--	792	939	921	1069
WSU at Vancouver	--	--	281	395	516	565
Central WA University - Ellensburg	7,286	7,096	7,356	7,582	7,300	7,579
CWU - Yakima	--	--	--	78	83	118
Eastern Washington University	8,036	8,134	8,098	8,402	8,348	8,363
The Evergreen State College	3,055	3,250	3,237	3,340	3,377	3,410
Western Washington University	9,559	9,838	9,322	9,732	10,010	10,150
HECB - Timber Wkr Displ Program	--	--	--	--	--	70
<b>Subtotal</b>	<b>76,908</b>	<b>77,382</b>	<b>78,043</b>	<b>80,520</b>	<b>80,989</b>	<b>82,288</b>
Tri-Cities University Center	873	868	--	--	--	--
<b>TOTAL</b>	<b>77,781</b>	<b>78,250</b>	<b>78,043</b>	<b>80,520</b>	<b>80,989</b>	<b>82,288</b>

University/College	1993	1994	1995	1996	1997	1998
University of Washington - Seattle	33,031	32,768	33,014	33,179	33,328	32,911
UW - Evening Program	486	563	620	785	859	930
UW - Bothell/Woodinville	574	641	772	891	1,070	1,191
UW - Tacoma	653	777	779	973	1,098	1,295
WA State University at Pullman	16,368	16,588	16,737	17,087	17,066	17,404
WSU at Spokane	338	359	348	393	410	395
WSU at Tri-Cities	1,144	1,281	1,209	1,264	1,236	1,094
WSU at Vancouver	781	807	935	1,064	1,308	1,486
Central WA University - Ellensburg	8,423	8,468	8,512	8,569	8,438	8,355
CWU - Yakima	--	--	--	--	--	--
Eastern Washington University	8,431	8,360	8,078	7,589	7,537	7,688
The Evergreen State College	3,477	3,614	3,625	3,715	4,084	4,194
Western Washington University	10,302	10,598	10,708	11,039	11,476	11,655
HECB - Timber Wkr Displ Program	96	157	190	182	253	259
<b>Subtotal</b>	<b>84,104</b>	<b>84,981</b>	<b>85,529</b>	<b>86,730</b>	<b>88,163</b>	<b>88,857</b>
Tri-Cities University Center	--	--	--	--	--	--
<b>TOTAL</b>	<b>84,104</b>	<b>84,981</b>	<b>85,527</b>	<b>86,730</b>	<b>88,163</b>	<b>88,857</b>

Note: The Tri-Cities University Center opened Fall 1958 and The Evergreen State College opened Fall 1971. WSU - Tri-Cities replaced Tri-Cities University Center starting 1989. UW - Evening Degree Program, Bothell/Woodinville, and Tacoma opened Fall 1990. WSU at Spokane and Vancouver began separate funding Fall 1989. CWU Yakima started separate reporting Fall 1990 and combined reporting with the main campus again in Fall 1993. CWU 1954-1971 figures are revised numbers.

Source: Higher Education Enrollment Reports.



Table A-4  
Private Universities/Colleges Fall Headcount 1954 to 1988

Universities/Colleges	1954	1955	1956	1957	1958	1959	1960	1961	1962
Fort Wright/Heritage College	244	252	269	277	344	293	315	296	421
Gonzaga University	1,435	1,420	1,497	1,668	1,650	1,915	1,773	1,724	1,928
Northwest College	219	186	172	175	223	197	217	220	180
Pacific Lutheran University	1,020	1,180	1,350	1,422	1,547	1,705	1,732	1,745	1,820
Saint Martin's College	194	232	240	345	332	341	376	397	454
Seattle Pacific College	916	964	1,038	1,107	1,126	1,196	1,233	1,363	1,566
Seattle University	3,161	3,107	3,060	3,033	3,265	3,194	3,481	3,720	3,820
Sulpician Seminary	149	137	137	135	165	181	213	207	198
University of Puget Sound	1,518	1,830	1,856	2,182	2,373	2,483	2,776	2,755	2,879
Walla Walla College	1,006	1,127	1,248	1,217	1,267	1,367	1,355	1,330	1,453
Whitman College	704	768	818	838	830	857	882	917	888
Whitworth College	856	832	1,101	1,101	1,265	1,372	1,407	1,560	1,625
<b>TOTAL</b>	<b>11,422</b>	<b>12,035</b>	<b>12,786</b>	<b>13,500</b>	<b>14,387</b>	<b>15,101</b>	<b>15,760</b>	<b>16,234</b>	<b>17,232</b>
Universities/Colleges	1963	1964	1965	1966	1967	1968	1969	1970	1971
Fort Wright/Heritage College	463	432	413	445	435	348	434	465	410
Gonzaga University	2,041	2,368	2,575	2,388	2,496	2,498	2,665	2,527	2,873
Northwest College	268	283	402	462	527	548	543	494	513
Pacific Lutheran University	1,991	2,042	2,286	2,684	2,757	2,776	2,831	3,001	3,038
Saint Martin's College	444	445	570	680	665	684	756	640	564
Seattle Pacific College	1,733	1,697	1,924	2,115	2,009	1,721	1,964	2,016	1,984
Seattle University	3,941	3,887	4,174	3,600	3,851	3,668	3,462	3,373	3,121
Sulpician Seminary	200	216	193	195	184	153	115	100	100
University of Puget Sound	3,003	3,036	2,914	2,949	3,072	3,184	3,392	2,863	2,984
Walla Walla College	1,312	1,396	1,706	1,706	1,514	1,533	1,715	1,752	1,834
Whitman College	930	996	1,051	1,025	1,040	1,098	1,118	1,105	1,071
Whitworth College	1,734	1,921	1,831	1,824	1,763	1,576	1,614	1,517	1,640
<b>TOTAL</b>	<b>18,060</b>	<b>18,719</b>	<b>20,039</b>	<b>20,073</b>	<b>20,313</b>	<b>19,787</b>	<b>20,609</b>	<b>19,853</b>	<b>20,132</b>
Universities/Colleges	1972	1973	1974	1975	1976	1977	1978	1979	1980
Fort Wright/Heritage College	361	360	290	398	385	529	405	460	408
Gonzaga University	2,932	2,956	3,185	3,076	2,726	3,026	3,440	3,340	3,351
Northwest College	525	527	551	627	628	688	727	787	825
Pacific Lutheran University	3,267	3,360	3,367	3,428	3,261	3,228	3,348	3,376	3,475
Saint Martin's College	662	541	583	843	724	633	691	712	537
Seattle Pacific College	1,997	2,105	2,249	2,250	2,296	2,276	2,300	3,576	3,965
Seattle University	2,933	3,159	3,736	3,461	3,513	3,639	3,966	4,123	4,380
Sulpician Seminary	100	97	100	93	94	-	-	-	-
University of Puget Sound	4,166	4,551	4,554	5,135	5,009	4,940	4,709	4,935	5,137
Walla Walla College	1,834	1,822	1,857	1,959	2,005	1,864	1,838	1,959	1,905
Whitman College	1,091	1,140	1,129	1,123	1,137	1,132	1,183	1,153	1,155
Whitworth College	1,572	1,722	1,751	1,800	1,825	1,688	1,676	1,645	1,768
<b>TOTAL</b>	<b>21,440</b>	<b>22,340</b>	<b>23,352</b>	<b>24,193</b>	<b>23,603</b>	<b>23,643</b>	<b>24,283</b>	<b>26,066</b>	<b>26,906</b>
Universities/Colleges	1981	1982	1983	1984	1985	1986	1987	1988	
Fort Wright/Heritage College	362	295	386	339	338	342	344	379	
Gonzaga University	3,404	3,532	3,412	3,232	3,152	3,272	3,582	3,845	
Northwest College	761	719	780	690	671	580	578	689	
Pacific Lutheran University	3,652	3,582	3,533	3,694	3,760	3,857	3,835	3,975	
Saint Martin's College	649	692	862	924	896	897	930	1,035	
Seattle Pacific College	4,066	3,648	3,548	3,850	3,276	3,167	4,178	4,279	
Seattle University	4,638	4,508	4,685	4,653	4,410	4,367	4,291	4,416	See Note
Sulpician Seminary	-	-	-	-	-	-	-	-	
University of Puget Sound	5,619	5,630	5,465	4,899	4,690	4,669	4,643	4,800	
Walla Walla College	1,886	1,717	1,607	1,649	1,564	1,452	1,428	1,515	
Whitman College	1,225	1,214	1,270	1,196	1,211	1,220	1,267	1,284	
Whitworth College	1,921	1,802	1,884	1,764	1,803	1,764	1,792	1,840	
<b>TOTAL</b>	<b>28,183</b>	<b>27,339</b>	<b>27,432</b>	<b>26,890</b>	<b>25,771</b>	<b>25,587</b>	<b>26,868</b>	<b>28,057</b>	

Note: Refer to Appendix Table A-5 for 1980-92 data - HECB-IPEDS Fall Enrollment Reports. UPS totals differ from those listed by Washington Friends of Higher Education, off-campus enrollment is included.

Source: 1954-1976 Higher Education Enrollment Reports, 1977 forward - Washington Friends of Higher Education.

Table A-5  
**Private Universities and Colleges Fall Headcount 1980 to 1997**  
**Based on IPEDS Fall Enrollment Reports**

University/College	1980	1981	1982	1983	1984	1985	1986	1987	1988
City University	1,952	2,190	2,350*	2,500*	2,650*	2,800*	2,889	3,088	3,429
Cornish College of the Arts	410*	505	500*	500*	555	443	429	489	521
Gonzaga University	3,362	3,404	3,491	3,393	3,209	3,117	3,259	3,385	3,592
Heritage College	408	362	295	307	339	331	341	344	379
Lutheran Bible Institute	280	247	217	199	207	160	143	145	137
Northwest College/Assembly of	824	761	719	780	690	671	579	576	687
Pacific Lutheran University	3,475	3,652	3,583	3,533	3,694	3,758	3,654	3,835	3,975
Puget Sound Christian College	173	152	150	142	122	104	105	97	88
Saint Martin's College	450	488	517	564	516	603	881	932	1,190
Seattle Pacific University	2,698	2,851	2,720	2,869	2,935	2,975	2,969	3,253	3,356
Seattle University	4,343	4,579	4,508	4,634	4,626	4,394	4,348	4,291	4,381
University of Puget Sound	3,900	4,056	4,199	4,198	3,924	4,041	3,941	4,045	4,234
Walla Walla College	1,905	1,886	1,717	1,607	1,635	1,550	1,386	1,392	1,429
Whitman College	1,140	1,221	1,209	1,264	1,185	1,202	1,240	1,287	1,284
Whitworth College	1,768	1,921	1,802	1,884	1,764	1,803	1,764	1,792	1,840
<b>TOTAL</b>	<b>27,088</b>	<b>28,275</b>	<b>27,977</b>	<b>28,374</b>	<b>28,051</b>	<b>27,952</b>	<b>27,928</b>	<b>28,951</b>	<b>30,522</b>

University/College	1989	1990	1991	1992	1993	1994	1995	1996	1997
Antioch	--	--	--	603	680	749	740	816	875
City University	3,055	3,440	3,714	3,520	4,576	4,175	4,356	5,455	4,379
Cogswell College North	--	--	--	214	170	191	135	147	193
Cornish College of the Arts	558	596	602	546	592	608	609	640	621
Gonzaga University	3,599	3,833	4,365	4,642	4,399	4,767	4,684	4,478	4,057
Heritage College	540	966	1,041	966	986	1,118	1,060	1,139	1,152
ITT Technical Institute of Seattle	--	--	--	--	--	611	484	418	485
John Bastyr College of Natural Medicine	--	--	--	328	580	780	871	994	969
Lutheran Bible Institute	110	148	161	156	163	169	177	167	158
Northwest Baptist Seminary	--	--	--	47	44	48	51	40*	39
Northwest College/Assembly of	695	681	658	687	757	839	824	802	858
Northwest College of Art	--	--	--	--	60	75	66	68	75
Northwest Institute of Acupuncture and Orient Medicine	--	--	--	76	89	95	118	165	204
Pacific Lutheran University	3,855	3,654	3,571	3,451	3,349	3,434	3,579	3,463	3,555
Puget Sound Christian College	81	70	84	76	80	87	129	166	175
Saint Martin's College	1,010	1,076	1,188	1,178	1,330	1,346	1,453	1,408	1,653
Seattle Bible College	--	--	--	69	100	98	92	92	109
Seattle Pacific University	3,435	3,421	3,394	3,351	3,437	3,407	3,437	3,293	3,321
Seattle University	4,469	3,633	4,765	4,844	5,060	6,091	5,988	5,990	5,739
University of Puget Sound	4,208	4,253	4,135	4,048	4,043	3,164	3,078	3,093	3,011
Walla Walla College	1,454	1,566	1,650	1,734	1,771	1,725	1,732	1,763	1,653
Whitman College	1,278	1,300	1,221	1,253	1,267	1,349	1,373	1,349	1,375
Whitworth College	1,788	1,759	1,766	1,735	1,839	2,003	2,057	2,026	2,043
<b>TOTAL</b>	<b>30,135</b>	<b>30,396</b>	<b>32,315</b>	<b>33,524</b>	<b>35,372</b>	<b>36,929</b>	<b>37,093</b>	<b>37,918</b>	<b>33,859</b>

\*Estimated figures.

Source: Higher Education Coordinating Board - IPEDS Fall Enrollment Reports, 1980-1997.

Table A-6  
**Public Two- and Four-Year Universities and Colleges**  
**Fall Term Headcount and Fall Term Full-Time Equivalents**  
**1970 to 1998**

Fall Term	Fall Term Headcount			Fall Term FTEs			Two+Four Year FTE/Headcount
	Two-Year	Four-Year	Two+Four Year	Two-Year	Four-Year	Two+Four Year	
1970	108,679 <sup>1</sup>	71,628	180,307	60,472 <sup>1</sup>	65,504	125,976	0.6987
1971	104,454 <sup>2</sup>	71,873	176,327	66,895 <sup>2</sup>	67,413	134,308	0.7617
1972	118,647 <sup>2</sup>	70,953	189,600	68,514 <sup>2</sup>	66,272	134,786	0.7109
1973	133,835 <sup>2</sup>	70,236	204,071	73,397 <sup>2</sup>	65,608	139,005	0.6812
1974	141,414 <sup>2</sup>	74,519	215,933	77,628 <sup>2</sup>	65,836	143,464	0.6644
1975	151,644 <sup>2</sup>	78,182	229,826	85,397 <sup>2</sup>	67,670	153,067	0.6660
1976	140,824	78,400	219,224	79,849	72,966	152,815	0.6971
1977	154,892	80,425	235,317	83,288	74,535	157,823	0.6707
1978	167,628	79,485	247,113	85,498	73,648	159,146	0.6440
1979	191,529	82,036	273,565	93,417	75,856	169,273	0.6188
1980	184,391	82,696	267,087	97,168	77,261	174,429	0.6531
1981	138,955	79,640	218,595	83,030	74,575	157,605	0.7210
1982	123,776	77,697	201,473	79,978	73,296	153,274	0.7608
1983	125,520	78,092	203,612	79,666	73,247	152,913	0.7510
1984	129,861	78,194	208,055	80,904	73,235	154,139	0.7409
1985	130,498	76,525	207,023	81,901	72,372	154,273	0.7452
1986	134,522	76,558	211,080	83,659	72,115	155,774	0.7380
1987	132,838	76,908	209,746	82,244	72,601	154,845	0.7383
1988	135,012	77,382	212,394	83,481	73,736	157,217	0.7402
1989	134,775	78,043	212,818	84,148	73,834	157,982	0.7423
1990	137,449	80,520	215,299	84,276	75,930	160,206	0.7441
1991	135,082 <sup>3</sup>	80,989	216,071 <sup>3</sup>	88,728 <sup>3</sup>	76,434	165,162 <sup>3</sup>	0.7644
1992	138,333 <sup>3</sup>	82,358	220,691 <sup>3</sup>	91,372 <sup>3</sup>	77,832	169,204 <sup>3</sup>	0.7667
1993	175,445 <sup>4</sup>	84,103	259,548 <sup>4</sup>	108,373 <sup>4</sup>	79,532	187,905 <sup>4</sup>	0.7240
1994	172,558 <sup>4</sup>	84,981	257,539 <sup>4</sup>	108,981 <sup>4</sup>	80,754	189,735 <sup>4</sup>	0.7367
1995	169,290 <sup>4</sup>	85,527	254,817 <sup>4</sup>	111,303 <sup>4</sup>	81,569	192,872 <sup>4</sup>	0.7569
1996	172,64 <sup>4</sup>	86,730	259,373 <sup>4</sup>	112,646 <sup>4</sup>	82,452	195,098 <sup>4</sup>	0.7522
1997	171,722 <sup>4</sup>	88,163	259,885 <sup>4</sup>	111,990 <sup>4</sup>	84,143	196,133 <sup>4</sup>	0.7547
1998	N/A	88,857	N/A	N/A	85,559	N/A	N/A

<sup>1</sup>All funding sources; state funded headcount was not available.

<sup>2</sup>State funded and contract; state funded headcount was not available.

<sup>3</sup>Figures include Timber Worker Displacement program.

<sup>4</sup>Figures include Timber Worker Displacement and Workforce Training programs, and Technical Colleges.

Note: Does not include Tri-Cities University Center during 1970-71 to 1989-90. WSU are in semester FTEs. Others are in quarter FTEs.

Source: Office of Financial Management, Higher Education Enrollment Reports.

Table A-7  
**Public Four-Year Institution Fall Term Headcount Enrollment  
 by Selected Age Groups, 1970 to 1998**

Age	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
17-22	47,476	47,733	46,427	44,992	44,818	45,180	44,575	45,927	45,366	46,879
23-29	17,437	18,732	19,533	20,058	20,981	22,606	22,752	22,718	22,184	22,673
30+	6,715	6,586	7,028	7,512	8,720	10,396	11,073	11,780	11,935	12,484
<b>TOTAL</b>	<b>71,628</b>	<b>73,051</b>	<b>72,988</b>	<b>72,562</b>	<b>74,519</b>	<b>78,182</b>	<b>78,400</b>	<b>80,425</b>	<b>79,485</b>	<b>82,036</b>
Age	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
17-22	48,108	46,995	46,195	46,326	46,002	45,245	44,567	44,784	45,604	46,196
23-29	22,238	21,320	20,282	19,706	19,271	18,632	18,616	18,632	18,226	17,805
30+	12,350	11,325	11,220	12,060	12,921	12,687	13,375	14,365	14,420	14,042
<b>TOTAL</b>	<b>82,696</b>	<b>79,640</b>	<b>77,697</b>	<b>78,092</b>	<b>78,194</b>	<b>76,564</b>	<b>76,558</b>	<b>77,781</b>	<b>78,250</b>	<b>78,043</b>
Age	1990	1991	1992*	1993*	1994*	1995*	1996*	1997*	1998*	
17-22	47,353	47,533	47,675	47,374	46,990	47,443	49,131	50,345	51,937	
23-29	18,465	18,927	20,115	23,233	23,060	23,312	22,775	22,690	22,241	
30+	14,702	14,529	14,498	13,497	14,931	14,772	14,824	15,128	14,679	
<b>TOTAL</b>	<b>80,520</b>	<b>80,989</b>	<b>82,288</b>	<b>84,104</b>	<b>84,981</b>	<b>85,527</b>	<b>86,730</b>	<b>88,163</b>	<b>88,857</b>	

\*Includes Timber Worker Displacement program.

Table A-8  
**Public Two-Year Institution Annual Average FTE Enrollment  
 by Selected Age Groups, 1969-70 to 1997-98**

Age	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
17-22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	42,223	42,438	39,315
23-29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21,507	22,268	24,863
30+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21,936	23,487	33,669
<b>TOTAL</b>	<b>62,911</b>	<b>66,175</b>	<b>69,873</b>	<b>74,062</b>	<b>81,417</b>	<b>86,772</b>	<b>83,290</b>	<b>85,666</b>	<b>88,193</b>	<b>97,847</b>
Age	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
17-22	42,309	39,558	37,890	36,357	34,911	34,333	36,482	36,854	37,567	39,480
23-29	27,535	22,745	21,488	21,168	21,057	20,538	19,506	18,695	18,098	17,951
30+	30,513	23,798	22,732	24,792	27,257	28,684	28,418	28,755	28,727	28,465
<b>TOTAL</b>	<b>100,357</b>	<b>86,101</b>	<b>82,110</b>	<b>82,317</b>	<b>83,225</b>	<b>83,555</b>	<b>84,406</b>	<b>84,304</b>	<b>84,392</b>	<b>85,896</b>
Age	1989-90	1990-91	1991-92*	1992-93**	1993-94**	1994-95**	1995-96**	1996-97**	1997-98**	
17-22	40,215	40,958	42,935	46,322	44,003	43,675	45,802	46,879	48,243	
23-29	17,966	19,753	19,798	24,607	29,088	26,552	27,343	27,004	26,114	
30+	27,834	29,076	28,639	37,444	40,944	43,176	44,930	44,632	43,568	
<b>TOTAL</b>	<b>86,015</b>	<b>89,787</b>	<b>91,373</b>	<b>108,373</b>	<b>111,035</b>	<b>113,403</b>	<b>118,075</b>	<b>118,515</b>	<b>117,925</b>	

\*Includes Timber Worker Displacement program.

\*\*Includes Technical College, Timber Worker Displacement, and Workforce Training programs. 1997-98 figures include Private Career Colleges.

Table A-8a  
**Public Two-Year Institution Fall Quarter Headcount Enrollment  
 by Selected Age Groups, 1992 to 1997**

Age	1992*	1993**	1994**	1995**	1996**	1997**
17-22	52,467	58,694	56,908	56,467	58,843	58,991
23-29	30,222	39,804	38,718	37,657	37,393	35,248
30+	55,644	76,947	76,933	75,166	76,407	77,483
<b>TOTAL</b>	<b>138,333</b>	<b>175,445</b>	<b>172,559</b>	<b>169,290</b>	<b>172,643</b>	<b>171,722</b>

\* Includes Timber Worker Displacement Program.

\*\* Includes Technical College, Timber Worker Displacement, Workforce Training Programs, and Private Career Colleges (for 1997).

Table A-9  
**Actual Two-Year and Four-Year Public Institutions  
 Fall Term 1997/98 Headcount Enrollment**

Age	Two-Year Public Actual Fall 1997 Headcount Enrollment			Four-Year Public Actual Fall 1998 Headcount Enrollment		
	Male	Female	Total	Male	Female	Total
17	1,556	1,948	3,504	215	346	561
18	6,080	7,740	13,820	4,052	5,509	9,561
19	7,157	7,811	14,968	4,862	5,850	10,712
20	5,665	6,111	11,776	4,865	5,983	10,848
21	3,907	4,305	8,212	5,300	6,284	11,584
22	3,193	3,518	6,711	4,432	4,239	8,671
23	2,537	3,203	5,740	2,860	2,584	5,444
24	2,415	2,806	5,221	2,082	1,960	4,042
25	2,268	2,914	5,182	1,585	1,571	3,156
26	2,381	2,824	5,205	1,469	1,354	2,823
27	2,162	2,887	5,049	1,330	1,223	2,553
28	1,986	2,642	4,628	1,205	1,133	2,338
29	1,720	2,503	4,223	991	894	1,885
30	1,600	2,399	3,999	801	744	1,545
31	1,391	2,378	3,769	660	631	1,291
32	1,334	2,338	3,672	503	515	1,018
33	1,349	2,485	3,834	507	480	987
34	1,313	2,457	3,770	406	433	839
35-39	5,780	11,185	16,965	1,411	1,977	3,388
40-44	4,820	8,294	13,114	882	1,672	2,554
45-49	3,455	5,284	8,739	604	1,305	1,909
50-54	1,946	3,037	4,983	264	576	840
55-59	1,836	2,368	4,204	73	150	223
60-64	991	1,615	2,606	22	22	44
65+	2,604	5,224	7,827	14	27	41
<b>TOTAL</b>	<b>71,446</b>	<b>100,276</b>	<b>171,722</b>	<b>41,395</b>	<b>47,462</b>	<b>88,857</b>

Sources: Two-Year data is from MIS, include Technical Colleges, Workforce Training, and Private Career College enrollments.  
 Four-Year data is from HEER.

Table A-10  
**Vocational-Technical Institutes**  
**Year-End Headcount by Program**

Academic Year	Total	Preparatory <sup>1</sup>	Supplemental <sup>2</sup>	Apprenticeship <sup>3</sup>	
1975-76	56,584	15,693	37,849	3,042	
1976-77	68,672	16,625	48,725	3,322	
1977-78	82,061	15,817	62,255	3,989	
1978-79	94,489	18,868	70,734	4,887	
1979-80	110,164	16,585	87,271	6,308	
1980-81	99,974	14,572	79,019	6,383	
1981-82	80,362	13,730	61,388	5,244	
1982-83	79,106	13,608	62,464	3,034	
1983-84	103,025	14,158	85,578	3,289	
1984-85	140,237	15,966	121,205	3,066	
1985-86	135,192	16,246	115,778	3,168	
1986-87	149,198	15,821	131,104	2,273	
1987-88	156,454	13,991	139,594	2,869	
1988-89	168,823	13,784	151,567	3,472	
1989-90	189,273	13,409	171,662	4,202	
1990-91 <sup>4</sup>	150,422	13,473	132,536	4,413	
1991-92	N/A	N/A	N/A	N/A	
1992-93	N/A	N/A	N/A	N/A	

Academic Year	Total	Academic	Vocational	Basic Skill	Developmental
1993-94 <sup>5</sup>	32,710	31	30,865	2,188	--
1994-95 <sup>5</sup>	32,071	72	30,167	2,349	--
1995-96 <sup>5</sup>	30,267	192	28,368	2,376	--
1996-97 <sup>5</sup>	30,571	306	28,435	2,171	643
1997-98 <sup>5</sup>	29,847	527	27,563	2,250	695

<sup>1</sup>Students preparing for entry level positions of employment.

<sup>2</sup>Students preparing for skill upgrade or retraining.

<sup>3</sup>Students preparing to apprentice to trade unions.

<sup>4</sup>Preliminary data.

<sup>5</sup>Includes Timber Worker Displacement and Workforce Training Program (+Private Career College enrollments) annual average headcounts. Programs do not add up to total because students concurrently enrolled in more than one program.

Table A-11  
**Vocational-Technical Institutes**  
**Full-Time Equivalent Enrollments**

Academic Year	Total	Bates	Bellingham	Clover Park	Lake Washington	Renton
1978-79	9,567	3,176	1,144	2,714	967	1,566
1979-80	9,931	3,228	1,212	2,754	1,076	1,661
1980-81	9,960	3,233	1,218	2,760	1,082	1,667
1981-82	9,496	3,083	1,161	2,631	1,032	1,589
1982-83	9,695	3,049	1,179	2,704	1,077	1,686
1983-84	10,638	3,187	1,193	2,924	1,372	1,962
1984-85	11,255	3,256	1,250	3,046	1,587	2,116
1985-86	11,255	3,231	1,200	3,068	1,610	2,146
1986-87	11,255	3,231	1,200	3,068	1,610	2,146
1987-88	12,050	3,357	1,300	3,201	1,858	2,334
1988-89	12,814	3,484	1,359	3,393	2,013	2,565
1989-90	13,035	3,575	1,442	3,378	2,025	2,615
1990-91 <sup>1</sup>	14,508	3,772	1,545	3,690	2,572	2,929
1991-92	12,655	N/A	N/A	N/A	N/A	N/A
1992-93	13,080	N/A	N/A	N/A	N/A	N/A
1993-94 <sup>2</sup>	13,289	3,575	1,133	3,605	2,096	2,880
1994-95 <sup>2</sup>	13,059	3,516	1,145	3,399	2,242	2,349
1995-96 <sup>2</sup>	15,740	4,018	1,365	3,952	2,778	3,627
1996-97 <sup>2</sup>	15,693	4,238	1,422	3,623	2,903	3,507
1997-98 <sup>2</sup>	14,859	4,204	1,389	3,462	2,383	3,421

<sup>1</sup>Preliminary data.

<sup>2</sup>Includes Timber Worker Displacement and Workforce Training Program (+Private Career College enrollment) annual average FTE, MIS Report.

Sources: 1975-76 to 1990-91 data is from Superintendent of Public Instruction: State Board for Community and Technical Colleges. Beginning 1993-94, Technical Colleges have been merged with the Community and Technical College System. Data of 1993-94 to 1997-98 is from the MIS Report.

APPENDIX B

**ENROLLMENT PROJECTION – SUPPORTING AND MISCELLANEOUS DATA**

Table B-1  
**1998-99 Academic Calendar of Washington Four-Year Public Institutions  
 Fall Term 1998**

Institution	Application/Priority Deadline			Class Schedule			Final Exam Date	
	1st Time Freshman	Transfer	Graduate Student <sup>1</sup>	Class Begin	10 <sup>th</sup> Day <sup>2</sup>	Last Day	Begin	End
UW: Seattle	01-15-98	04-15-98	07-01-98	09-28-98	10-09-98	12-09-98	12-10-98	12-17-98
UW: Evening Program	N/A <sup>3</sup>	04-15-98	N/A	09-28-98	10-09-98	12-09-98	12-10-98	12-17-98
UW: Bothell	N/A	07-01-98	09-21-98	09-28-98	10-09-98	12-09-98	12-10-98	12-17-98
UW: Tacoma	N/A	Open <sup>4</sup>	Open <sup>4</sup>	09-28-98	10-09-98	12-09-98	12-10-98	12-17-98
WSU: Pullman*	05-01-98	05-01-98	N/A	07-24-98	09-04-98	12-11-98	12-14-98	12-18-98
WSU: Spokane*	N/A	05-01-98	N/A	07-24-98	09-04-98	12-11-98	12-14-98	12-18-98
WSU: Vancouver*	N/A	05-01-98	N/A	07-24-98	09-04-98	12-11-98	12-14-98	12-18-98
WSU: Tri-Cities*	N/A	05-01-98	N/A	07-24-98	09-04-98	12-11-98	12-14-98	12-18-98
CWU	05-01-98	05-01-98	05-01-98	09-23-98	10-06-98	12-04-98	12-07-98	12-11-98
EWU	03-01-98	04-01-98	Varies <sup>4</sup>	09-21-98	10-02-98	12-11-98	12-07-98	12-10-98
TESC	03-01-98	03-01-98	Varies <sup>4</sup>	09-28-98	10-09-98	12-11-98	12-14-98	12-18-98
WWU	03-01-98	04-01-98	06-01-98	09-23-98	09-29-98	12-04-98	12-07-98	12-11-98

**Winter Quarter 1999**

Institution	Application/Priority Deadline			Class Schedule			Final Exam Date	
	1st Time Freshman	Transfer	Graduate Student <sup>1</sup>	Class Begin	10 <sup>th</sup> Day <sup>2</sup>	Last Day	Begin	End
UW: Seattle	09-15-98	09-15-98	11-01-98	01-04-99	01-15-99	03-12-99	03-15-99	03-19-99
UW: Evening Program	N/A	09-15-98	N/A	01-04-99	01-15-99	03-12-99	03-15-99	03-19-99
UW: Bothell	N/A	11-01-98	12-21-98	01-04-99	01-15-99	03-12-99	03-15-99	03-19-99
UW: Tacoma	N/A	Open <sup>4</sup>	Open <sup>4</sup>	01-04-99	01-15-99	03-12-99	03-15-99	03-19-99
CWU	11-02-98	11-02-98	11-02-98	01-05-99	01-19-99	03-12-99	03-15-99	03-19-99
EWU	10-15-98	10-15-98	Varies <sup>4</sup>	01-04-99	01-15-99	03-19-99	03-16-99	03-19-99
TESC	10-01-98	10-01-98	N/A	01-04-99	01-15-99	03-12-99	03-15-99	03-19-99
WWU	10-15-98	10-15-98	10-01-98	01-05-99	01-11-99	03-12-99	03-15-99	03-19-99

<sup>1</sup>Many departments have different deadlines. International students may have different deadlines.

<sup>2</sup>Or the day (within the 10th day of class) that an official enrollment report (HEER) is based on.

<sup>3</sup>N/A = Not Applicable.

<sup>4</sup>Check with the institution for specific dates

Note: All institutions academic calendars are in a quarter system except where indicate \* for a semester system.

Source: Survey of the Institutional Academic Calendar.



Table B-1 (Continued)  
**1998-99 Academic Calendar of Washington Four-Year Public Institution  
 Spring Term 1999**

Institution	Application/Priority Deadline			Class Schedule			Final Exam Date	
	1 <sup>st</sup> Time Freshman	Transfer	Graduate Student <sup>1</sup>	Class Begin	10 <sup>th</sup> Day <sup>2</sup>	Last Day	Begin	End
UW: Seattle	12-15-98	12-15-98	02-01-99	03-29-99	04-09-99	06-04-99	06-07-99	06-11-99
UW: Evening Program	N/A <sup>3</sup>	12-15-98	N/A	03-29-99	04-09-99	06-04-99	06-07-99	06-11-99
UW: Bothell	N/A	11-01-98	12-21-98	01-04-99	01-15-99	03-12-99	03-15-99	03-19-99
UW: Tacoma	N/A	Open <sup>4</sup>	Open <sup>4</sup>	03-29-99	04-09-99	06-04-99	06-07-99	06-11-99
WSU: Pullman*	12-01-98	12-01-98	N/A	01-11-99	01-22-99	04-30-99	05-03-99	05-07-99
WSU: Spokane*	N/A	12-01-98	N/A	01-11-99	01-22-99	04-30-99	05-03-99	05-07-99
WSU: Vancouver*	N/A	10-01-98	N/A	01-11-99	01-22-99	04-30-99	05-03-99	05-07-99
WSU: Tri-Cities*	N/A	10-01-98	N/A	01-11-99	01-22-99	04-30-99	05-03-99	05-07-99
CWU	02-03-99	02-03-99	02-03-99	03-30-99	04-12-99	06-04-99	06-07-99	06-11-99
EWU	02-01-99	02-15-99	Varies <sup>4</sup>	03-29-99	04-09-99	06-11-99	06-07-99	06-10-99
TESC	12-01-98	12-01-98	N/A	03-29-99	04-09-99	06-04-99	06-07-99	06-11-99
WWU	01-15-99	01-15-99	02-01-99	03-30-99	04-05-99	06-04-99	06-07-99	06-11-99

**Summer Session 1999**

Institution	Date of Early Session		Date of Regular Session		Date of Late Session	
	Begin	End	Begin	End	Begin	End
UW: Seattle	06-21-99	07-21-99	06-21-99	08-20-99	07-22-99	08-20-99
UW: Evening Program	06-21-99	07-21-99	06-21-99	08-20-99	07-22-99	08-20-99
UW: Bothell	06-21-99	07-21-99	06-21-99	08-20-99	07-22-99	08-20-99
UW: Tacoma	06-21-99	07-21-99	06-21-99	08-20-99	07-22-99	08-20-99
WSU: Pullman	05-10-99	06-18-99	06-07-99	07-30-99	06-21-99	07-30-99
WSU: Spokane	05-10-99	06-18-99	06-07-99	07-30-99	06-21-99	07-30-99
WSU: Vancouver	05-10-99	06-18-99	06-07-99	07-30-99	06-21-99	07-30-99
WSU: Tri-Cities	05-10-99	06-18-99	06-07-99	07-30-99	06-21-99	07-30-99
CWU	06-21-99	07-21-99	06-21-99	08-20-99	07-22-99	08-20-99
EWU	06-21-99	07-18-99	06-21-99	08-15-99	07-19-99	08-15-99
TESC	06-21-99	07-30-99	06-21-99	09-03-99	07-26-99	09-03-99
WWU	06-22-99	07-30-99	06-22-99	08-20-99	N/A	N/A

<sup>1</sup>Many departments have different deadlines. International students may have different deadlines.

<sup>2</sup>Or the day (within the 10th day of class) that an official enrollment report (HEER) is based on.

<sup>3</sup>N/A = Not Applicable.

<sup>4</sup>Check with the institution for specific dates.

Note: All institutions academic calendars are in a quarter system except where indicate \* for a semester system.

Source: Survey of the Institutional Academic Calendar.

Table B-1a  
**1999-2000 Academic Calendar of Washington Four-Year Public Institutions  
 Fall Term 1999**

Institution	Application/Priority Deadline			Class Schedule			Final Exam Date	
	1 <sup>st</sup> Time Freshman	Transfer	Graduate Student <sup>1</sup>	Class Begin	10 <sup>th</sup> Day <sup>2</sup>	Last Day	Begin	End
UW: Seattle	01-15-99	04-15-99	07-01-99	09-27-99	10-08-99	12-08-99	12-09-99	12-16-99
UW: Evening Program	N/A <sup>3</sup>	04-15-99	N/A	09-27-99	10-08-99	12-08-99	12-09-99	12-16-99
UW: Bothell	N/A	04-15-99	09-13-99 <sup>5</sup>	09-27-99	10-08-99	12-08-99	12-09-99	12-16-99
UW: Tacoma	N/A	Open <sup>4</sup>	Open <sup>4</sup>	09-27-99	10-08-99	12-08-99	12-09-99	12-16-99
WSU: Pullman*	05-01-99	05-01-99	N/A	08-24-99	09-04-99	12-11-99	12-14-99	12-18-99
WSU: Spokane*	N/A	05-01-99	N/A	08-24-99	09-04-99	12-11-99	12-14-99	12-18-99
WSU: Vancouver*	N/A	05-01-99	N/A	08-24-99	09-04-99	12-11-99	12-14-99	12-18-99
WSU: Tri-Cities*	N/A	05-01-99	N/A	08-23-99	09-03-99	12-10-99	12-13-99	12-17-99
CWU	05-01-99	05-01-99	05-01-99	09-22-99	10-05-99	12-03-99	12-06-99	12-10-99
EWU	03-01-99	04-01-99	Varies <sup>4</sup>	09-20-99	10-01-99	12-10-99	12-06-99	12-09-99
TESC	03-01-99	03-01-99	Varies <sup>4</sup>	09-27-99	10-08-99	12-10-99	12-13-99	12-18-99
WWU	03-01-99	04-01-99	06-01-99	09-23-99	09-28-99	12-03-99	12-06-99	12-10-99

**Winter Quarter 2000**

Institution	Application/Priority Deadline			Class Schedule			Final Exam Date	
	1 <sup>st</sup> Time Freshman	Transfer	Graduate Student <sup>1</sup>	Class Begin	10 <sup>th</sup> Day <sup>2</sup>	Last Day	Begin	End
UW: Seattle	09-15-99	09-15-99	11-01-99	01-03-00	01-14-00	03-10-00	03-13-00	03-17-00
UW: Evening Program	N/A	09-15-99	N/A	01-03-00	01-14-00	03-10-00	03-13-00	03-17-00
UW: Bothell	N/A	10-15-99	12-20-99	01-03-00	01-14-00	03-10-00	03-13-00	03-17-00
UW: Tacoma	N/A	Open <sup>4</sup>	Open <sup>4</sup>	01-03-00	01-14-00	03-10-00	03-13-00	03-17-00
CWU	11-01-99	11-01-99	11-01-99	01-04-99	01-18-99	03-10-99	03-13-00	03-17-00
EWU	10-15-99	10-15-99	Varies <sup>4</sup>	01-03-00	01-14-00	03-17-00	03-14-00	03-17-00
TESC	10-01-99	10-01-99	N/A	01-03-00	01-14-00	03-11-00	03-13-00	03-17-00
WWU	10-15-99	10-15-99	10-01-99	01-04-00	01-10-00	03-10-00	03-13-00	03-17-00

<sup>1</sup>Many departments have different deadlines. International students may have different deadlines.

<sup>2</sup>Or the day (within the 10th day of class) that an official enrollment report (HEER) is based on.

<sup>3</sup>N/A = Not Applicable.

<sup>4</sup>Check with the institution for specific dates.

<sup>5</sup>Master of Management has a different application deadline for Fall Quarter only, which is 07-15-99.

Note: All institutions academic calendars are in a quarter system except where indicate \* for a semester system.

Source: Survey of the Institutional Academic Calendar.

Table B-1a (Continued)  
**1999-2000 Academic Calendar of Washington Four-Year Public Institutions**  
**Spring Term 2000**

Institution	Application/Priority Deadline			Class Schedule			Final Exam Date	
	1 <sup>st</sup> Time Freshman	Transfer	Graduate Student <sup>1</sup>	Class Begin	10th Day <sup>2</sup>	Last Day	Begin	End
UW: Seattle	12-15-99	12-15-99	02-01-00	03-27-00	04-07-00	06-02-00	06-05-00	06-09-00
UW: Evening Program	N/A <sup>3</sup>	12-15-99	N/A	03-27-00	04-07-00	06-02-00	06-05-00	06-09-00
UW: Bothell	N/A	01-15-00	03-13-00	03-27-00	04-07-00	06-02-00	06-05-00	06-09-00
UW: Tacoma	N/A	Open <sup>4</sup>	Open <sup>4</sup>	03-27-00	04-07-00	06-02-00	06-05-00	06-09-00
WSU: Pullman*	12-01-99	12-01-99	N/A	12-10-00	12-21-00	04-28-00	05-01-00	05-05-00
WSU: Spokane*	N/A	12-01-99	N/A	12-10-00	12-21-00	04-28-00	05-01-00	05-05-00
WSU: Vancouver*	N/A	10-01-99	N/A	12-10-00	12-21-00	04-28-00	05-01-00	05-05-00
WSU: Tri-Cities*	N/A	10-01-99	N/A	12-10-00	12-21-00	04-28-00	05-01-00	05-05-00
CWU	02-01-00	02-01-00	02-01-00	03-28-00	04-10-00	06-02-00	06-05-00	06-09-00
EWU	02-01-00	02-15-00	Varies <sup>4</sup>	03-27-00	04-07-00	06-09-00	06-05-00	06-08-00
TESC	12-01-99	12-01-99	N/A	03-27-00	04-07-00	06-02-00	06-05-00	06-09-00
WWU	01-15-00	01-15-00	02-01-00	-3-28-00	04-03-00	06-02-00	06-05-00	06-09-00

### Summer Session 2000

Institution	Date of Early Session		Date of Regular Session		Date of Late Session	
	Begin	End	Begin	End	Begin	End
UW: Seattle	06-19-00	07-19-00	06-19-00	08-18-00	07-20-00	08-18-00
UW: Evening Program	06-19-00	07-19-00	06-19-00	08-18-00	07-20-00	08-18-00
UW: Bothell	06-19-00	07-19-00	06-19-00	08-18-00	07-20-00	08-18-00
UW: Tacoma	06-19-00	07-19-00	06-19-00	08-18-00	07-20-00	08-18-00
WSU: Pullman	05-08-00	06-16-00	06-05-00	07-28-00	06-19-00	07-28-00
WSU: Spokane	05-08-00	06-16-00	06-05-00	07-28-00	06-19-00	07-28-00
WSU: SW Wash.	05-08-00	06-16-00	06-05-00	07-28-00	06-19-00	07-28-00
WSU: Tri-Cities	05-08-00	06-16-00	06-05-00	07-28-00	06-19-00	07-28-00
CWU	06-19-00	07-19-00	06-19-00	08-18-00	07-20-00	08-18-00
EWU	06-19-00	07-16-00	06-19-00	08-13-00	07-17-00	08-13-00
TESC	06-19-00	07-22-00	06-19-00	08-26-00	07-24-00	08-26-00
WWU	06-20-00	07-28-00	06-20-00	08-18-00	N/A	N/A

<sup>1</sup>Many departments have different deadlines. International students may have different deadlines.

<sup>2</sup>Or the day (within the 10th day of class) that an official enrollment report (HEER) is based on.

<sup>3</sup>N/A = Not Applicable.

<sup>4</sup>Check with the institution for specific dates.

Note: All institutions academic calendars are in a quarter system except where indicate \* for a semester system.

Source: Survey of the Institutional Academic Calendar.

Table B-2  
**OFM Population Forecast by Selected Age Groups, 1970-2020**  
**(October 1998)**

Year	Age Groups						
	0-16	17-22	23-29	30-44	45+	0+	17+
1970	1,094,614	382,228	348,787	568,187	1,019,428	3,413,244	2,318,630
1971	1,084,692	385,513	367,221	566,510	1,032,364	3,436,300	2,351,608
1972	1,062,519	389,256	377,327	559,678	1,041,520	3,430,300	2,367,781
1973	1,039,523	393,923	389,485	569,069	1,052,300	3,444,300	2,404,777
1974	1,032,374	405,368	409,475	591,456	1,070,027	3,508,700	2,476,326
1975	1,022,846	416,100	430,775	610,345	1,087,834	3,567,900	2,545,054
1976	1,017,060	422,771	458,592	631,070	1,105,407	3,634,900	2,617,840
1977	1,013,261	433,584	472,869	671,033	1,124,653	3,715,400	2,702,139
1978	1,023,753	445,725	495,505	722,157	1,149,060	3,836,200	2,812,447
1979	1,042,306	456,713	524,045	779,238	1,176,898	3,979,200	2,936,894
1980	1,065,064	467,078	551,549	841,859	1,206,606	4,132,156	3,067,092
1981	1,077,750	466,341	568,495	889,972	1,226,720	4,229,278	3,151,528
1982	1,079,585	456,307	574,071	925,672	1,240,914	4,276,549	3,196,964
1983	1,081,429	438,205	566,470	962,061	1,259,082	4,307,247	3,225,818
1984	1,088,602	422,619	567,634	999,981	1,275,231	4,354,067	3,265,465
1985	1,101,068	413,565	565,430	1,041,188	1,294,534	4,415,785	3,314,717
1986	1,106,360	405,270	559,736	1,076,701	1,314,145	4,462,212	3,355,852
1987	1,113,688	403,788	556,577	1,115,468	1,337,577	4,527,098	3,413,410
1988	1,129,459	408,534	554,537	1,152,895	1,371,461	4,616,886	3,487,427
1989	1,160,544	411,322	552,486	1,193,913	1,409,812	4,728,077	3,567,533
1990	1,205,089	412,620	552,925	1,243,977	1,452,081	4,866,692	3,661,603
1991	1,253,436	412,688	543,674	1,298,445	1,492,157	5,000,400	3,746,964
1992	1,294,736	409,209	542,390	1,322,952	1,547,413	5,116,700	3,821,964
1993	1,337,261	404,456	542,182	1,353,562	1,603,439	5,240,900	3,903,639
1994	1,365,902	398,644	540,370	1,375,705	1,653,779	5,334,400	3,968,498
1995	1,392,701	405,009	531,983	1,392,826	1,707,381	5,429,900	4,037,199
1996	1,413,742	414,980	525,720	1,398,132	1,764,226	5,516,800	4,103,058
1997	1,430,708	432,868	521,684	1,405,173	1,816,367	5,606,800	4,176,092
1998	1,439,969	451,007	518,084	1,397,989	1,878,251	5,685,300	4,245,331
1999	1,451,356	464,524	511,995	1,393,978	1,937,903	5,759,756	4,308,400
2000	1,455,786	479,765	503,998	1,386,753	2,000,712	5,827,014	4,371,228
2001	1,459,762	492,905	497,444	1,377,586	2,065,116	5,892,813	4,433,051
2002	1,463,177	505,844	504,909	1,360,201	2,127,985	5,962,116	4,498,939
2003	1,467,128	515,491	521,386	1,340,149	2,194,318	6,038,472	4,571,344
2004	1,474,822	520,992	543,127	1,320,760	2,259,505	6,119,206	4,644,384
2005	1,481,160	532,104	559,822	1,300,523	2,326,766	6,200,375	4,719,215
2006	1,485,340	541,863	579,732	1,277,691	2,397,585	6,282,211	4,796,871
2007	1,485,960	556,387	597,361	1,266,690	2,458,440	6,364,838	4,878,878
2008	1,488,234	568,484	614,906	1,254,532	2,522,227	6,448,383	4,960,149
2009	1,491,918	578,125	632,135	1,248,175	2,582,575	6,532,928	5,041,010
2010	1,500,436	585,988	640,970	1,252,308	2,638,761	6,618,463	5,118,027
2011	1,512,062	589,742	648,965	1,265,207	2,688,807	6,704,783	5,192,721
2012	1,526,799	588,428	663,904	1,278,385	2,734,369	6,791,885	5,265,086
2013	1,544,069	580,998	678,921	1,297,224	2,778,549	6,879,761	5,335,692
2014	1,562,141	574,304	693,644	1,312,165	2,825,939	6,968,193	5,406,052
2015	1,581,262	567,554	706,124	1,325,801	2,876,192	7,056,933	5,475,671
2016	1,601,696	563,747	712,439	1,341,394	2,926,360	7,145,636	5,543,940
2017	1,622,965	561,658	718,697	1,367,240	2,963,694	7,234,254	5,611,289
2018	1,644,992	561,335	720,648	1,397,481	2,998,287	7,322,743	5,677,751
2019	1,667,469	562,362	717,859	1,433,086	3,030,095	7,410,871	5,743,402
2020	1,689,940	563,428	710,212	1,471,939	3,062,927	7,498,446	5,808,506

Table B-3

**OFM Population Forecasts and Fall Enrollments by Selected Age Groups  
1970 to 1998**

Year	Fall Enrollments			Population by Age Groups						17-22 As % of 0+
	4-Yr	2-Yr	2 & 4-Yr	17-22	23-29	30-44	45+	0+	17+	
1970	71,628	108,679	180,307	382,228	348,787	568,187	1,019,428	3,413,244	2,318,630	11.20
1971	73,051	104,454	177,505	385,513	367,221	566,510	1,032,364	3,436,300	2,351,608	11.22
1972	72,988	118,647	191,635	389,256	377,327	559,678	1,041,520	3,430,300	2,367,781	11.35
1973	72,562	133,835	206,397	393,923	389,485	569,069	1,052,300	3,444,300	2,404,777	11.44
1974	74,519	141,414	215,933	405,368	409,475	591,456	1,070,027	3,508,700	2,476,326	11.55
1975	78,182	151,644	229,826	416,100	430,775	610,345	1,087,834	3,567,900	2,545,054	11.66
1976	78,400	140,824	219,224	422,771	458,592	631,070	1,105,407	3,634,900	2,617,840	11.63
1977	80,425	154,892	235,317	433,584	472,869	671,033	1,124,653	3,714,500	2,702,139	11.67
1978	79,485	167,628	247,113	445,725	495,505	722,157	1,149,060	3,836,200	2,812,447	11.62
1979	82,036	191,529	273,565	456,713	524,045	779,238	1,176,898	3,979,200	2,936,894	11.48
1980	82,696	184,391	267,087	467,078	551,549	841,859	1,206,606	4,132,156	3,067,092	11.30
1981	79,640	138,955	218,595	466,341	568,495	889,972	1,226,720	4,229,278	3,151,528	11.03
1982	77,697	123,776	201,473	456,307	574,071	925,672	1,240,914	4,276,549	3,196,964	10.67
1983	78,092	125,520	203,612	438,205	566,470	962,061	1,259,082	4,307,247	3,225,818	10.17
1984	78,194	129,861	208,055	422,619	567,634	999,981	1,275,231	4,354,067	3,265,465	9.71
1985	76,564	130,498	207,062	413,565	565,430	1,041,188	1,294,534	4,415,785	3,314,717	9.37
1986	76,558	134,522	211,080	405,270	559,736	1,076,701	1,314,145	4,462,212	3,355,852	9.08
1987	77,781	132,838	210,619	403,788	556,577	1,115,468	1,337,577	4,527,098	3,413,410	8.92
1988	78,250	135,012	213,262	408,534	554,537	1,152,895	1,371,461	4,616,886	3,487,427	8.85
1989	78,043	134,775	212,818	411,322	552,486	1,193,913	1,409,812	4,728,077	3,567,533	8.70
1990	80,520	134,779	215,299	412,620	552,925	1,243,977	1,452,081	4,866,692	3,661,603	8.48
1991	80,989	135,082	216,071	412,688	543,674	1,298,445	1,492,157	5,000,400	3,746,964	8.25
1992	82,358	138,333	220,691	409,209	542,390	1,322,952	1,547,413	5,116,700	3,821,964	8.00
1993	84,103	175,445	259,548	404,456	542,182	1,353,562	1,603,439	5,240,900	3,903,639	7.72
1994	84,981	172,558	257,539	398,644	540,370	1,375,705	1,653,779	5,334,400	3,968,498	7.47
1995	85,527	169,290	254,817	405,009	531,983	1,392,826	1,707,381	5,429,900	4,037,199	7.46
1996	86,730	172,643	259,373	414,980	525,720	1,398,132	1,764,226	5,516,800	4,103,058	7.52
1997	88,163	171,722	259,885	432,868	521,684	1,405,173	1,816,367	5,606,800	4,176,092	7.72
1998	88,857	N/A	N/A	451,007	518,084	1,397,989	1,878,251	5,685,300	4,245,331	7.93

Sources: Enrollment data is from OFM HEER. Population data is from OFM Forecasting Division, November 1998.

Notes: Detailed population data can be obtained from the OFM web site at [www.wa.gov/ofm](http://www.wa.gov/ofm)

Table B-4  
**Participation Rate of Four-Year Public Institutions  
 Fall Headcount Enrollment During 1970 to 1998**

Fall Term	Age			
	17-22	23-29	30+	17+
1970	12.2922	4.9993	0.4230	3.0839
1971	12.3817	5.1010	0.4119	3.1064
1972	11.9271	5.1767	0.4389	3.0825
1973	11.4215	5.1499	0.4633	3.0174
1974	11.0561	5.1239	0.5248	3.0093
1975	10.8580	5.2478	0.6122	3.0719
1976	10.5435	4.9613	0.6377	2.9948
1977	10.5924	4.8043	0.6560	2.9763
1978	10.1780	4.4770	0.6378	2.8262
1979	10.2644	4.3265	0.6382	2.7933
1980	10.2998	4.0319	0.6029	2.6962
1981	10.0774	3.7503	0.5350	2.5270
1982	10.1237	3.5330	0.5179	2.4303
1983	10.5718	3.4787	0.5430	2.4208
1984	10.8850	3.3950	0.5679	2.3946
1985	10.9402	3.2952	0.5432	2.3098
1986	10.9969	3.3259	0.5594	2.2813
1987	11.0910	3.3476	0.5856	2.2787
1988	11.1628	3.2867	0.5712	2.2438
1989	11.2311	3.2227	0.5393	2.1876
1990	11.4762	3.3395	0.5453	2.1990
1991	11.4617	3.4632	0.5209	2.1594
1992	11.5484	3.6718	0.5054	2.1490
1993 *	11.5652	3.9653	0.5047	2.1484
1994 *	11.6083	4.1885	0.4934	2.1342
1995 *	11.7133	4.3816	0.4765	2.1183
1996 *	11.8397	4.3323	0.4688	2.1140
1997*	11.6308	4.2929	0.4480	2.0931
1998*	11.5158	4.2929	0.4480	2.0931

\*Includes Timber Worker Displacement program.

Table B-5  
**Participation Rate of Public Two-Year Institutions**  
**Annual Average FTE Enrollment During 1970 to 1998**

Fiscal Year	Age			
	17-22	23-29	30+	17+
1970-71	7.4164	4.6678	1.1447	2.7086
1971-72	7.7480	4.6715	1.1977	2.8140
1972-73	8.1025	4.8005	1.2628	2.9510
1973-74	8.4865	4.9295	1.3219	3.0798
1974-75	9.0658	5.1545	1.4181	3.2878
1975-76	9.4129	5.2219	1.4787	3.4094
1976-77	8.8927	4.7083	1.3881	3.1816
1977-78	9.7381	4.5482	1.2216	3.1703
1978-79	9.5211	4.4940	1.2552	3.1358
1979-80	8.6083	4.7444	1.7212	3.3316
1980-81	9.0582	4.9923	1.4896	3.2721
1981-82	8.4826	4.0009	1.1243	2.7320
1982-83	8.3036	3.7431	1.0492	2.5684
1983-84	8.2968	3.7368	1.1162	2.5518
1984-85	8.2606	3.7096	1.1980	2.5486
1985-86	8.3017	3.6323	1.2281	2.5207
1986-87	9.0019	3.4849	1.1886	2.5152
1987-88	9.1271	3.3589	1.1722	2.4698
1988-89	9.1956	3.2636	1.1380	2.4199
1989-90	9.5983	3.2491	1.0932	2.4077
1990-91	9.7463	3.2493	1.0324	2.3491
1991-92*	9.9247	3.6334	1.0419	2.3966
1992-93*	9.8483	3.8168	1.0622	2.3938
1993-94**	10.8796	4.8117	1.3846	2.8444
1994-95**	10.9559	4.9136	1.4252	2.8576
1995-96**	11.3081	5.1393	1.4492	2.9248
1996-97**	11.2967	5.1366	1.4114	2.8887
1997-98**	11.1452	5.0058	1.3524	2.8239

Note: Figures during 1970-76 for 17-22, 23-29, and 30+ age groups are estimated.

\*Includes Timber Worker Displacement program.

\*\*Includes Timber Worker Displacement, Workforce Training programs and Technical Colleges. 1997-98 includes Private Career Colleges.

Table B-6

**Participation Rate of Public Two-Year Institutions by Selected Age Groups  
Fall Headcount Enrollment, During 1992 to 1997**

Fall Term	College/Program Included	Selected Age Groups			
		17-22	23-29	30+	17+
1992	CC+TW	12.7093	5.5167	1.9398	3.6123
1993	CC+TW+WFT	13.0851	6.0970	2.0618	3.7829
	TC	1.1447	1.1347	0.5560	0.6990
	<b>TOTAL</b>	<b>14.2298</b>	<b>7.2317</b>	<b>2.6178</b>	<b>4.4819</b>
1994	CC+TW+WFT	13.1268	6.1407	2.0457	3.7164
	TC	1.1486	1.0243	0.4938	0.6318
	<b>TOTAL</b>	<b>14.2754</b>	<b>7.1650</b>	<b>2.5395</b>	<b>4.3482</b>
1995	CC+TW+WFT	12.8395	6.0195	1.9109	3.5488
	TC	1.1024	1.0587	0.5138	0.6447
	<b>TOTAL</b>	<b>13.9419</b>	<b>7.0782</b>	<b>2.4247</b>	<b>4.1935</b>
1996	CC+TW+WFT	13.0130	6.0224	1.9154	3.5640
	TC	1.1667	1.0904	0.5008	0.6437
	<b>TOTAL</b>	<b>14.1797</b>	<b>7.1127</b>	<b>2.4161</b>	<b>4.2077</b>
1997	CC+TW+WFT+PCC	12.6295	5.8462	1.9092	3.5122
	TC	0.9932	0.8912	0.4903	0.5925
	<b>TOTAL</b>	<b>13.6226</b>	<b>6.7374</b>	<b>2.3995</b>	<b>4.1047</b>

Notes: CC = Community Colleges.

TW = Timber Worker Displacement Program, began 1992.

WFT = Workforce Training Program, began 1993.

TC = Technical Colleges, began including in Two-Year System 1993.

PCC = Private Career Colleges.



Table B-7  
**Higher Education Public Institution FTE Headcount Ratios  
 During 1990-91 to 1997-98**

Year	Fall Headcount	AA FTE	AA FTE/Headcount
<b>A: Two-Year Institutions – Community and Technical Colleges:</b>			
1990-91 <sup>1</sup>	134,779	86,015	0.638193
1991-92 <sup>2</sup>	135,082	89,787	0.664685
1992-93 <sup>2</sup>	138,333	91,490	0.661375
1993-94 <sup>3</sup>	175,445	111,035	0.632876
1994-95 <sup>3</sup>	172,558	113,404	0.657194
1995-96 <sup>3</sup>	169,290	118,075	0.697472
1996-97 <sup>3</sup>	172,643	118,515	0.686474
1997-98 <sup>4</sup>	171,722	117,925	0.686720
		<b>Current Three Year Average 1995-98:</b>	<b>0.690222</b>
		<b>Current Five Year Average 1993-98:</b>	<b>0.672147</b>
<b>B: Four-Year Institutions<sup>3</sup>:</b>			
1990-91	80,517	72,566	0.901251
1991-92	80,989	73,079 <sup>5</sup>	0.902332
1992-93 <sup>5</sup>	82,358	74,423	0.903652
1993-94	84,104	76,456	0.909065
1994-95	84,981	77,391	0.910686
1995-96	85,527	78,095	0.913103
1996-97	86,730	79,571	0.917456
1997-98	88,163	80,605	0.914272
		<b>Current Three Year Average 1995-98:</b>	<b>0.914944</b>
		<b>Current Five Year Average 1993-98:</b>	<b>0.912917</b>
<b>C: Two + Four-Year Institutions:</b>			
1990-91	215,296	158,581	0.736572
1991-92	216,071	162,866	0.753761
1992-93	220,691	165,913	0.751789
1993-94	259,549	187,491	0.722372
1994-95	257,539	190,795	0.740839
1995-96	254,817	196,170	0.769847
1996-97	259,373	198,086	0.763711
1997-98	259,885	198,530	0.763915
		<b>Current Three Year Average 1995-98:</b>	<b>0.765824</b>
		<b>Current Five Year Average 1993-98:</b>	<b>0.752137</b>

<sup>1</sup>Includes Community Colleges.

<sup>2</sup>Includes Community Colleges and Timber Worker Displacement.

<sup>3</sup>Includes Community Colleges, Timber Worker Displacement, Technical Colleges, and Workforce Training.

<sup>4</sup>Includes Community Colleges, Timber Worker Displacement, Technical Colleges, Workforce Training, and Private Career Colleges.

<sup>5</sup>Includes Timber Worker Displacement since 1992-93

Table B-8  
**Comparison of High School Graduates to High School Seniors**  
**School Years 1964-65 to 2007-08**

School Year	Fall Seniors (12th Grade)			Spring Graduates			Ratio of Graduates/Seniors		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1964-1965	52,940	50,208	2,732	50,278	47,651	2,627	0.9497	0.9491	0.9616
1965-1966	51,376	48,768	2,608	48,198	45,636	2,562	0.9381	0.9358	0.9824
1966-1967	51,831	48,797	3,034	48,674	45,949	2,725	0.9391	0.9416	0.8982
1967-1968	52,544	49,803	2,741	49,221	46,490	2,731	0.9368	0.9335	0.9964
1968-1969	54,193	51,511	2,682	50,655	48,001	2,654	0.9347	0.9319	0.9896
1969-1970	56,886	54,048	2,838	53,212	50,425	2,787	0.9354	0.9330	0.9820
1970-1971	58,082	55,460	2,622	53,459	50,902	2,557	0.9204	0.9178	0.9752
1971-1972	58,843	56,383	2,460	53,954	51,563	2,391	0.9169	0.9145	0.9720
1972-1973	58,422	55,887	2,535	53,446	50,988	2,458	0.9148	0.9123	0.9696
1973-1974	59,395	56,931	2,464	54,255	51,868	2,387	0.9135	0.9111	0.9688
1974-1975	59,311	56,906	2,405	53,283	50,990	2,293	0.8984	0.8960	0.9534
1975-1976	60,037	57,605	2,432	53,305	51,012	2,293	0.8879	0.8855	0.9428
1976-1977	60,952	58,357	2,595	53,297	50,885	2,412	0.8744	0.8720	0.9295
1977-1978	61,855	59,405	2,450	53,349	51,101	2,248	0.8625	0.8602	0.9176
1978-1979	63,361	60,662	2,699	53,537	51,108	2,429	0.8450	0.8425	0.9000
1979-1980	62,114	59,322*	2,792	52,928	50,402	2,526	0.8521	0.8496	0.9047
1980-1981	61,948	59,068*	2,880	52,504	49,912#	2,592	0.8475	0.8450	0.9000
1981-1982	62,394	59,462*	2,932	52,595	49,971#	2,624	0.8429	0.8404	0.8950
1982-1983	58,953	55,831*	3,122	49,446	46,667	2,779	0.8387	0.8359	0.8901
1983-1984	56,540	53,364*	3,176	47,427	44,606#	2,821	0.8388	0.8359	0.8882
1984-1985	57,410	54,110*	3,300	48,735	45,798	2,937	0.8489	0.8464	0.8900
1985-1986	57,034	53,870*	3,164	48,630	45,805	2,825	0.8526	0.8503	0.8928
1986-1987	59,930	56,690*	3,240	49,576	46,769	2,807	0.8272	0.8250	0.8662
1987-1988	61,607	58,520*	3,087	52,620	49,858	2,762	0.8541	0.8520	0.8946
1988-1989	60,912	57,921*	2,991	51,563	48,911	2,652	0.8465	0.8444	0.8867
1989-1990	56,484	53,840*	2,644	47,534	45,203	2,331	0.8415	0.8396	0.8816
1990-1991	54,388	51,856*	2,532	45,703	43,474	2,229	0.8403	0.8384	0.8803
1991-1992	55,659	53,038*	2,621	46,684	44,381	2,303	0.8388	0.8368	0.8786
1992-1993	56,617	53,986*	2,631	47,487	45,175	2,312	0.8387	0.8368	0.8786
1993-1994	58,590	55,847*	2,743	49,408	46,985	2,423	0.8433	0.8413	0.8834
1994-1995	61,112	58,150*	2,962	51,164	48,566	2,598	0.8372	0.8352	0.8769
1995-1996	62,720	59,612*	3,108**	51,937	49,241	2,696	0.8281	0.8260	0.8673
1996-1997	65,346	62,235**	3,111**	54,457	51,741	2,716	0.8334	0.8314	0.8730
					Projected				
1997-1998	68,242	64,731**	3,511**	56,882	53,817	3,065	0.8335	0.8314	0.8730
1998-1999	70,665	67,081**	3,584**	58,900	55,771	3,129	0.8335	0.8314	0.8730
1999-2000	73,144	69,301**	3,843**	60,972	57,617	3,355	0.8336	0.8314	0.8730
2000-2001	75,134	71,178**	3,956**	62,630	59,177	3,453	0.8336	0.8314	0.8730
2001-2002	76,297	72,289**	4,008**	63,600	60,101	3,499	0.8336	0.8314	0.8730
2002-2003	78,094	73,887**	4,207**	65,103	61,430	3,673	0.8336	0.8314	0.8730
2003-2004	77,692	73,474**	4,218**	64,768	61,086	3,682	0.8337	0.8314	0.8730
2004-2005	78,342	74,081**	4,261**	65,311	61,591	3,720	0.8337	0.8314	0.8730
2005-2006	79,027	74,718**	4,309**	65,883	62,121	3,762	0.8337	0.8314	0.8730
2006-2007	82,151	77,645**	4,506**	68,488	64,554	3,934	0.8337	0.8314	0.8730
2007-2008	84,582	79,905**	4,677**	70,516	66,433	4,083	0.8337	0.8314	0.8730
2008-2009	84,659	79,856**	4,803**	70,585	66,392	4,193	0.8338	0.8314	0.8730
2009-2010	84,135	79,281**	4,854**	70,151	65,914	4,237	0.8338	0.8314	0.8730
2010-2011	83,475	78,736**	4,739**	69,598	65,461	4,137	0.8338	0.8314	0.8730

\*October headcount 12<sup>th</sup> grade public school enrollments from Superintendent of Public Instruction Report P105. These tabulations do not double count students attending vocational skill centers outside their home school district and will not match other published figures.

\*\* Special forecast of 12<sup>th</sup> grade enrollment using Report P105 data or forecast of private schools.

# Estimated; actual data inaccurate or not available.

Note: Data on private high school graduates estimated after 1969. School year 1994-95 public graduation tabulation corrected from 49,566, a decrease of 1,378.

Source: Office of Financial Management Forecasting Division, February 1999.

Table B-9

**Applied, Admitted, and New Enrollment Student Statistics for Fall Term 1997 and 1998<sup>1</sup>**  
**(As of the 10<sup>th</sup> Day of Class)**

University	1997			1998		
	Applied	Admitted	Enrolled	Applied	Admitted	Enrolled
UW Main Campus (+Evening Program)	34,815	18,425	10,543	34,433	17,339	10,292
Freshman	12,881	9,505	4,535	13,329	8,785	4,260
Transfer	5,074	2,967	2,838	4,828	2,696	2,767
Other <sup>2</sup>	1,530	1,195	672	1,469	1,149	694
Graduate	15,330	4,758	2,498	14,807	4,709	2,571
UW Bothell	504	432	480	577	438	463
Freshman	N/A	N/A	7	N/A	N/A	5
Transfer	406	341	401	450	333	371
Other <sup>2</sup>	66	63	38	78	68	37
Graduate	32	28	34	49	37	50
UW Tacoma	555	457	472	690	555	603
Freshman	N/A	1	1	N/A	N/A	2
Transfer	402	317	417	438	337	477
Other <sup>2</sup>	108	104	15	123	117	24
Graduate	45	35	39	129	101	100
WSU All Campuses	14,949	11,239	6,275	16,198	12,450	6,908
Freshman	6,087	5,414	2,290	7,314	6,547	2,986
Transfer	3,432	3,041	2,559	3,549	2,988	2,498
Other <sup>2,3</sup>	1,350	1,275	517	1,464	1,402	552
Graduate	4,080	1,509	909	3,871	1,513	872
CWU Total	5,451	4,318	2,892	5,138	4,333	2,844
Freshman	2,756	2,114	1,011	2,520	2,113	965
Transfer	1,807	1,521	1,303	1,834	1,589	1,345
Other <sup>2</sup>	279	258	418	246	231	388
Graduate	609	425	160	538	400	146
EWU Total	4,854	3,961	2,002	5,400	4,685	2,448
Freshman	1,761	1,439	672	2,208	1,994	861
Transfer	1,704	1,535	764	1,766	1,626	1,012
Other <sup>2</sup>	474	471	296	526	520	230
Graduate	915	516	270	900	545	345
TESC Total	3,913	3,390	1,996	3,714	3,219	1,966
Freshman	1,855	1,628	539	1,641	1,452	521
Transfer	1,756	1,519	1,018	1,738	1,495	1,008
Other <sup>2</sup>	77	75	310	94	92	302
Graduate	225	168	129	241	180	135
WWU Total	9,850	8,104	3,838	9,818	8,156	3,973
Freshman	6,073	5,199	2,132	6,160	5,344	2,193
Transfer	2,515	1,983	1,143	2,562	1,941	1,166
Other <sup>2</sup>	592	474	302	544	462	365
Graduate	670	448	261	552	409	249
All Universities	74,891	50,326	28,498	75,968	51,175	29,497
Freshman	31,413	25,300	11,187	33,172	26,235	11,793
Transfer	17,096	13,224	10,443	17,165	13,005	10,644
Other <sup>2</sup>	4,476	3,915	2,568	4,544	4,041	2,592
Graduate	21,906	7,887	4,300	21,087	7,894	4,468

<sup>1</sup>These are not unduplicated counts. Reflects applications to multiple schools. Does not include Timber Worker Program.

<sup>2</sup>Undergraduate-Other includes former student returning, new professional, new post-baccalaureate, new special student, and unknown.

<sup>3</sup>Use estimated numbers for 1997 Professional Student: Applied=157, Admitted=155.

Sources: Data for "Applied" and "Admitted" is from institutional Admission Report based on the 10<sup>th</sup> day of class. The "Enrolled" data is from HEER Table10.

Table B-10  
**Percentage of Admitted and New Enrollment Student Statistics for Fall Terms  
 1997 to 1998 (As of the 10<sup>th</sup> Day of Class<sup>1</sup>)**

University	1997			1998		
	Percent Adm/App	Percent Enr/Adm	Percent Enr/App	Percent Adm/App	Percent Enr/Ad	Percent Enr/App
UW Main Campus (+Evening Program)	52.92	57.22	30.28	50.36	59.36	29.89
Freshman	73.79	47.71	35.21	65.91	48.49	31.96
Transfer	58.47	95.65	55.93	55.84	102.63	57.31
Other <sup>2</sup>	78.10	56.23	43.92	78.22	60.40	47.24
Graduate	31.04	52.50	16.29	31.80	54.60	17.36
UW Bothell	85.71	111.11	95.24	75.91	105.71	80.24
Freshman	N/A	N/A	N/A	N/A	N/A	N/A
Transfer	83.99	117.60	98.77	74.00	111.41	82.44
Other <sup>2</sup>	95.45	60.32	57.58	87.18	54.41	47.44
Graduate	87.50	121.43	106.25	75.51	135.14	102.04
UW Tacoma	82.34	103.28	85.05	80.43	108.65	87.39
Freshman	N/A	N/A	N/A	N/A	N/A	N/A
Transfer	78.86	131.55	103.73	76.94	141.54	108.90
Other <sup>2</sup>	96.30	14.42	13.89	85.29	84.48	72.06
Graduate	77.78	111.43	86.67	78.29	99.01	77.52
WSU All Campuses	75.18	55.83	41.98	76.86	55.49	42.65
Freshman	88.94	42.30	37.62	89.51	45.61	40.83
Transfer	88.61	84.15	74.56	84.19	83.60	70.39
Other <sup>2,3</sup>	94.44	40.55	38.30	95.77	39.37	37.70
Graduate	36.99	60.24	22.28	39.09	57.63	22.53
CWU Total	79.21	66.98	53.05	84.33	65.64	55.35
Freshman	76.71	47.82	36.68	83.85	45.67	38.29
Transfer	84.17	85.67	72.11	86.64	84.64	73.34
Other <sup>2</sup>	92.47	162.02	149.82	93.90	167.97	157.72
Graduate	69.79	37.65	26.27	74.35	36.50	27.14
EWU Total	81.60	50.54	41.24	86.76	52.25	45.33
Freshman	81.71	46.70	38.16	90.31	43.18	38.99
Transfer	90.08	49.77	44.84	92.07	62.24	57.30
Other <sup>2</sup>	99.37	62.85	62.45	98.86	44.23	43.73
Graduate	56.39	52.33	29.51	60.56	63.30	38.33
TESC Total	86.63	58.88	51.01	86.67	61.07	52.93
Freshman	87.76	33.11	29.06	88.48	35.88	31.75
Transfer	86.50	67.02	57.97	86.02	67.42	58.00
Other <sup>2</sup>	97.40	413.33	402.60	97.87	328.26	321.28
Graduate	74.67	76.79	57.33	74.69	75.00	56.02
WWU Total	82.27	47.36	38.96	83.07	48.71	40.47
Freshman	85.61	41.01	35.11	86.75	41.04	35.60
Transfer	78.85	57.64	45.45	75.76	60.07	45.51
Other <sup>2</sup>	80.07	63.71	51.01	84.93	79.00	67.10
Graduate	66.87	58.26	38.96	74.09	60.88	45.11
All Universities	67.20	56.63	38.05	67.36	57.64	38.83
Freshman	80.54	44.22	35.61	79.09	44.95	35.55
Transfer	77.35	78.97	61.08	75.76	81.85	62.01
Other <sup>2</sup>	87.47	65.59	57.37	88.93	64.14	57.04
Graduate	36.00	54.52	19.63	37.44	56.60	21.19

<sup>1</sup>These are not unduplicated counts. Reflects applications to multiple schools. Does not include Timber Worker Program. See Table B-9 for original data.

<sup>2</sup>Undergraduates-Other includes former student returning, new professional, new post-baccalaureate new special student, and unknown.

<sup>3</sup>Use estimated numbers for 1997 Professional Student: Applied=157, Admitted=155.

Notes: Some percentage expressions are greater than 100%. These are due to; 1) "Applied" or "Admitted" may not "Enroll(ed)" in the same class category, 2) Data on "Applied" or "Admitted" may not currently be updated as the "Enrolled" category, or 3) Special "Enrolled" student application data is not updated in the "Applied" or "Admitted" category as done for other class categories. This is true especially for TESC.

Sources: Data for "Applied" and "Admitted" is from institutional Admission Report based on the 10th day of class. For WSU, all data for the "Admitted" is from its "Offered" category except "Graduate". The "Enrolled" data is from HEER Table 10.

Table B-11  
**Fall Term Entering Freshman High School GPA Distribution**  
**Public Four-Year Universities/Colleges**

HS GPA	Fall 1989		Fall 1990		Fall 1991		Fall 1992		Fall 1993	
	N	%	N	%	N	%	N	%	N	%
<b>Less than 2.00*</b>										
UW	60	1.8%	11	0.3%	0	0.0%	1	0.0%	0	0.0%
WSU	4	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
CWU	0	0.0%	3	0.3%	4	0.7%	8	0.8%	3	0.3%
EWU	31	3.6%	54	6.7%	0	0.0%	0	0.0%	1	0.1%
TESC	1	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
WWU	1	0.1%	1	0.1%	3	0.2%	0	0.0%	0	0.0%
<b>2.00 - 2.49*</b>										
UW	75	2.2%	70	2.0%	37	1.0%	27	0.8%	45	1.3%
WSU	95	3.7%	41	1.9%	48	2.8%	68	3.5%	80	3.1%
CWU	8	0.7%	29	2.6%	24	2.7%	53	5.3%	42	4.1%
EWU	76	8.9%	68	8.4%	56	7.6%	39	5.2%	51	7.1%
TESC	19	4.7%	29	7.6%	43	9.0%	24	6.6%	11	2.7%
WWU	10	0.8%	3	0.2%	7	0.5%	4	0.3%	9	0.6%
<b>2.50 - 2.99</b>										
UW	188	5.6%	253	7.1%	178	3.5%	121	3.5%	136	4.1%
WSU	836	32.6%	564	25.9%	484	27.8%	546	28.0%	601	25.8%
CWU	455	41.9%	447	39.7%	333	38.0%	390	38.7%	343	33.3%
EWU	304	35.7%	267	33.0%	264	36.0%	223	29.5%	207	28.6%
TESC	119	29.7%	92	24.1%	129	26.8%	116	32.1%	98	23.9%
WWU	115	9.0%	164	13.1%	277	17.9%	79	5.4%	83	5.4%
<b>3.00 - 3.49</b>										
UW	1085	32.3%	1320	36.9%	1294	35.5%	1057	30.6%	1012	30.3%
WSU	1020	39.7%	924	42.4%	704	40.4%	788	40.4%	991	42.6%
CWU	405	37.3%	431	38.2%	338	38.5%	392	38.9%	422	41.0%
EWU	251	29.5%	264	32.6%	261	35.6%	278	36.8%	261	36.1%
TESC	177	44.1%	121	31.7%	183	37.9%	151	41.7%	175	42.7%
WWU	653	51.1%	619	49.6%	738	47.6%	699	48.0%	644	41.6%
<b>3.50 - 4.00</b>										
UW	1954	58.1%	1920	53.7%	2131	58.6%	2249	65.0%	2145	64.3%
WSU	612	23.8%	651	30.0%	508	29.1%	547	28.1%	654	28.1%
CWU	218	20.1%	217	19.3%	175	19.9%	164	16.3%	219	21.3%
EWU	190	22.3%	157	19.4%	153	20.8%	216	28.6%	203	28.1%
TESC	57	14.2%	108	28.3%	127	26.3%	71	19.6%	126	30.7%
WWU	502	39.2%	461	36.9%	526	34.0%	675	46.3%	811	52.4%
<b>No HS GPA**</b>										
UW	-	-	-	-	-	-	-	-	5	-
WSU	-	-	-	-	-	-	-	-	111	-
CWU	-	-	-	-	-	-	-	-	16	-
EWU	-	-	-	-	-	-	-	-	34	-
TESC	-	-	-	-	-	-	-	-	28	-
WWU	-	-	-	-	-	-	-	-	0	-
<b>Average GPA</b>										
UW	-	3.5	-	3.5	-	3.5	-	3.6	-	3.6
WSU	-	3.2	-	3.3	-	3.2	-	3.2	-	3.2
CWU	-	3.1	-	3.1	-	3.1	-	3.1	-	3.1
EWU	-	3.1	-	3.1	-	3.1	-	3.2	-	3.2
TESC	-	3.1	-	3.2	-	3.2	-	3.1	-	3.3
WWU	-	3.4	-	3.4	-	3.3	-	3.5	-	3.5
<b>% under 2.50</b>										
UW	-	4.0%	-	2.0%	-	1.0%	-	0.8%	-	1.3%
WSU	-	3.9%	-	1.9%	-	2.8%	-	3.5%	-	3.4%
CWU	-	0.7%	-	2.9%	-	3.4%	-	6.1%	-	4.4%
EWU	-	12.5%	-	15.1%	-	7.6%	-	5.2%	-	7.2%
TESC	-	4.9%	-	7.6%	-	9.0%	-	6.6%	-	2.7%
WWU	-	0.9%	-	0.3%	-	0.7%	-	0.3%	-	0.6%

\* A number of entering freshmen with a H.S. GPA below 2.5 are Equal Opportunity candidates.

\*\* Does not include in the average GPA and percentage calculation.

Table B-11 (continued)  
**Fall Term Entering Freshman High School GPA Distribution**  
**Public Four-Year Universities/Colleges**

HS GPA	Fall 1994		Fall 1995		Fall 1996		Fall 1997		Fall 1998	
	N	%	N	%	N	%				
<b>Less than 2.00*</b>										
UW	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
WSU	4	0.8%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
CWU	3	0.3%	5	0.5%	7	0.6%	6	0.6%	4	0.4%
EWU	0	0.0%	0	0.0%	0	0.0%	4	0.6%	8	0.9%
TESC	0	0.0%	0	0.0%	1	0.2%	0	0.0%	0	0.0%
WWU	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>2.00 - 2.49*</b>										
UW	21	0.6%	14	0.4%	12	0.3%	17	0.45%	12	0.3%
WSU	68	2.9%	55	2.3%	64	2.9%	56	2.6%	85	3.0%
CWU	44	4.4%	51	5.2%	45	4.1%	57	5.8%	85	9.0%
EWU	51	7.0%	27	4.3%	34	5.3%	59	8.9%	55	6.5%
TESC	19	4.3%	32	6.4%	42	8.6%	51	11.0%	44	10.1%
WWU	8	0.5%	5	1.0%	8	1.0%	8	0.4%	12	0.5%
<b>2.50 - 2.99</b>										
UW	173	0.5%	132	3.5%	4128	3.2%	195	4.3%	104	2.5%
WSU	552	23.0%	508	20.9%	462	21.2%	437	20.4%	600	21.3%
CWU	305	30.2%	301	30.8%	286	26.1%	255	25.8%	287	30.4%
EWU	165	22.8%	130	20.6%	135	20.9%	155	23.5%	207	24.4%
TESC	106	23.9%	157	31.3%	140	28.8%	158	34.2%	137	31.5%
WWU	93	6.2%	99	5.0%	158	8.0%	171	8.0%	190	8.7%
<b>3.00 - 3.49</b>										
UW	1100	31.6%	1049	28.4%	1080	26.8%	1191	26.5%	927	22.0%
WSU	973	41.0%	1009	41.6%	842	38.6%	791	36.9%	1056	37.5%
CWU	442	43.8%	384	39.3%	456	41.6%	396	40.0%	336	35.6%
EWU	281	38.8%	244	38.6%	238	36.8%	211	32.0%	302	35.6%
TESC	206	46.5%	186	37.1%	188	38.7%	158	34.2%	154	35.4%
WWU	576	38.1%	640	36.0%	797	38.0%	833	39.15%	878	40.2%
<b>3.50 - 4.00</b>										
UW	2184	62.8%	2505	67.7%	2809	69.7%	3092	68.8%	3163	75.2%
WSU	775	32.7%	853	35.7%	814	37.3%	861	40.1%	1077	38.2%
CWU	215	21.3%	237	24.2%	302	27.1%	276	27.9%	231	24.5%
EWU	227	31.4%	231	36.6%	240	37.1%	231	35.0%	276	32.6%
TESC	112	25.3%	127	25.3%	115	23.7%	95	20.6%	100	23.0%
WWU	835	55.2%	1036	58.0%	1101	53.0%	1121	52.6%	1105	50.6%
<b>No HS GPA**</b>										
UW	11	-	1	-	7	-	10	-	12	-
WSU	100	-	95	-	66	-	93	-	63	-
CWU	9	-	15	-	19	-	21	-	22	-
EWU	23	-	82	-	60	-	12	-	13	-
TESC	35	-	36	-	56	-	43	-	45	-
WWU	0	-	9	-	18	-	22	-	20	-
<b>Average GPA</b>										
UW	-	3.6	-	3.6	-	3.6	-	3.6	-	3.7
WSU	-	3.3	-	3.3	-	3.3	-	3.3	-	3.3
CWU	-	3.2	-	3.2	-	3.2	-	3.2	-	3.1
EWU	-	3.2	-	3.3	-	3.3	-	3.2	-	3.2
TESC	-	3.2	-	3.2	-	3.1	-	3.1	-	3.1
WWU	-	3.5	-	3.5	-	3.5	-	3.5	-	3.5
<b>% under 2.50</b>										
UW	-	0.6%	-	0.4%	-	0.3%	-	0.4%	-	0.3%
WSU	-	3.7%	-	2.3%	-	2.9%	-	2.6%	-	3.0%
CWU	-	4.7%	-	5.7%	-	4.7%	-	6.4%	-	9.4%
EWU	-	7.0%	-	4.3%	-	5.3%	-	9.5%	-	7.4%
TESC	-	4.3%	-	6.4%	-	8.8%	-	11.0%	-	10.1%
WWU	-	0.5%	-	1.0%	-	1.0%	-	0.4%	-	0.5%

\* A number of entering freshmen with a H.S. GPA below 2.5 are Equal Opportunity candidates.

\*\* Does not include in the average GPA and percentage calculation.

Table B-12

**State Two-Year and Four-Year College Fall Term Headcount  
Enrollment Comparison: MIS, HEER, and IPEDS**

I. State Two-Year Colleges:					Five-Year
Year	MIS	IPEDS	IPEDS-MIS	IPEDS/MIS	Moving Average
1986	134,522	135,025	503	1.0037	
1987	132,838	136,385	3,547	1.0267	
1988	135,012	141,116	6,104	1.0452	
1989	134,775	142,975	8,200	1.0608	
1990	134,779	146,277	11,498	1.0853	1.0444
1991	135,082	150,647	15,565	1.1152	1.0667
1992	138,333*	151,816	13,483	1.0975	1.0808
1993	175,445**	179,152	3,707	1.0211	1.0760
1994	172,558**	180,514	7,956	1.0461	1.0730
1995	169,290**	180,849	11,559	1.0683	1.0696
1996	172,643**	183,477	10,834	1.0628	1.0591
1997	171,722***	184,912	13,190	1.0768	1.0550
1998	177,736***	188,176	10,440	1.0587	1.0625

II. State Four-Year Colleges:					Five-Year
Year	HEER	IPEDS	IPEDS-HEER	IPEDS/HEER	Moving Average
1986	77,250	77,331	81	1.0010	
1987	77,781	77,722	(59)	0.9992	
1988	78,250	78,175	(75)	0.9990	
1989	78,043	78,386	343	1.0044	
1990	80,517	81,401	884	1.0110	1.0029
1991	80,989*	81,882	893	1.0110	1.0049
1992	82,358*	83,052	694	1.0084	1.0068
1993	84,104*	84,713	609	1.0072	1.0084
1994	84,981*	85,523	542	1.0064	1.0088
1995	85,527*	86,080	553	1.0065	1.0079
1996	86,730*	87,309	579	1.0067	1.0070
1997	88,163*	89,365	1,202	1.0136	1.0081
1998	88,857*	90,189	1,332	1.0150	1.0096

III. State Two + Four-Year Colleges:					Five-Year
Year	MIS+HEER	IPEDS	IPEDS - (MIS+HEER)	IPEDS/ (MIS+HEER)	Moving Average
1986	211,772	212,356	584	1.0028	
1987	210,619	214,107	3,488	1.0166	
1988	213,262	219,291	6,029	1.0283	
1989	212,818	221,361	8,543	1.0401	
1990	215,296	227,678	12,382	1.0575	1.0290
1991	216,071*	232,529	16,458	1.0762	1.0437
1992	220,691*	234,868	14,177	1.0642	1.0533
1993	259,549**	263,865	4,316	1.0166	1.0509
1994	257,539**	266,037	8,498	1.0330	1.0495
1995	254,817**	266,929	12,112	1.0475	1.0475
1996	259,373**	270,786	11,413	1.0440	1.0411
1997	259,885***	274,277	14,392	1.0554	1.0393
1998	266,593***	278,365	11,772	1.0442	1.0448

\* Includes Timber Worker Displacement.

\*\* Includes Technical Colleges, Timber Worker Displacement, and Workforce Training Programs.

\*\*\* Includes Technical Colleges, Timber Worker Displacement, Workforce Training Programs, and Private Career Colleges.

Notes: MIS = Management Information System, HEER = Higher Education Enrollment Report, IPEDS = Integrated Post-secondary Education Data System. The discrepancy between the MIS/HEER state report and the IPEDS is due to the following: The MIS/HEER includes only state-funded enrollment. In addition to state-funded enrollments, the IPEDS includes non-state funded (ROTC, faculty, staff and state employees enrolled under the Fee Waiver's Program, etc.) and self-sustaining (contractor supported) enrollments. Also, there are certain public service enrollments in CTC that are defined as state-funded enrollments in MIS but not in IPEDS.



Table B-13  
**State Funded Enrollment Statistics, Fall 1997 and 1998 for Four-Year  
 Fall 1996 and 1997 for Two-Year Headcount and FTE by Institution**

Institution	Headcount <sup>1</sup>			FTE <sup>2</sup>			Budget AA FTE	
	1997	1998	% Difference	1997	1998	% Difference	97-98	98-99
<b>4-YEAR:</b>								
UW:								
Main	33,328	32,911	-1.25	32,617	32,364	-0.78	30,680	30,910
Evening Degree Program	859	930	8.27	728	758	4.12	617	617
Bothell	1,070	1,191	11.31	779	866	11.17	775	895
Tacoma	1,098	1,295	17.94	826	964	16.71	847	992
<b>TOTAL</b>	<b>36,355</b>	<b>36,327</b>	<b>-0.08</b>	<b>34,950</b>	<b>34,952</b>	<b>0.01</b>	<b>32,919</b>	<b>33,414</b>
WSU:								
Main	17,066	17,404	1.98	17,389	17,898	2.93	17,403	17,272
Spokane	410	395	-3.66	285	417	46.32	352	442
Tri-Cities	1,236	1,094	-11.49	664	604	-9.04	754	754
Vancouver	1,308	1,486	13.61	826	983	19.01	851	971
<b>TOTAL</b>	<b>20,020</b>	<b>20,379</b>	<b>1.79</b>	<b>19,164</b>	<b>19,902</b>	<b>3.85</b>	<b>19,360</b>	<b>19,439</b>
CWU (+Yakima)	8,438	8,355	-0.98	7,859	7,895	0.46	7,346	7,446
EWU (+Spokane)	7,537	7,688	2.00	7,182	7,516	4.65	7,739	7,739
TESC (+Tacoma)	4,084	4,194	2.69	3,963	4,085	3.08	3,496	3,576
WWU	11,476	11,655	1.56	10,890	11,062	1.58	10,188	10,338
HECB -Timber Worker								
WSU <sup>3</sup>	229	242	5.68	126	134	6.35	35	35
WWU	24	17	-29.17	9	13	44.44	15	15
<b>TOTAL</b>	<b>253</b>	<b>259</b>	<b>2.37</b>	<b>135</b>	<b>147</b>	<b>8.89</b>	<b>50</b>	<b>50</b>
<b>TOTAL FOUR-YEAR</b>	<b>88,163</b>	<b>88,857</b>	<b>0.79</b>	<b>84,143</b>	<b>85,559</b>	<b>1.68</b>	<b>81,098</b>	<b>82,002</b>
<b>2-YEAR (SBCTC):</b>								
Institution	Headcount <sup>1</sup>			FTE <sup>2</sup>			Budget AA FTE	
	1996	1997	% Difference	1996	1997	% Difference	96-97	97-98
CC+TC	165,095	165,105	0.01	105,300	105,556	0.24	106,626	108,726
CC	138,685	140,363	1.21	92,009	93,175	1.27	-	-
TC	26,410	24,742	-6.32	13,291	12,281	-7.60	-	-
Timber Worker	487	409	-16.02	513	423	-17.54	500	500
Workforce Training	7,061	5,900	-16.44	6,833	5,705	-16.51	7,200 <sup>4</sup>	7,200 <sup>4</sup>
Private Career Colleges	-	308	+	-	306	+	-	-
<b>TOTAL TWO-YEAR</b>	<b>172,643</b>	<b>171,722</b>	<b>-0.53</b>	<b>112,646</b>	<b>111,990</b>	<b>-0.58</b>	<b>114,326</b>	<b>116,426</b>

<sup>1</sup>Four-year data is from HEER Tables 1+2+3. Two-year data is from MIS.

<sup>2</sup>Four-year data is from HEER Tables 4+5. Two-year data is from MIS.

<sup>3</sup>WSU figures include enrollments of all Timber Impacted counties in WSU Extended Degree Program.

<sup>4</sup>The Community and Technical College System is authorized to enroll "up to" 7,200 FTEs in the WFT program. The SBCTC enrollment target for this program is 6,200 FTE's.



Table B-14  
**Annual Average Full-Time Equivalents by Class Standing  
 Public Four-Year Colleges and Universities**

Institution	Academic Year						
	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
State Total	73,077	74,423	76,457	77,393	78,095	79,571	80,605
Undergraduate	59,736	60,879	62,781	63,204	63,725	64,904	65,400
Graduate/Professional	13,341	13,544	13,676	14,189	14,370	14,667	15,205
University of Washington - Seattle	30,020	30,225	30,174	30,115	30,173	30,825	31,021
Undergraduate	21,131	21,289	21,224	20,898	21,013	21,575	21,735
Graduate/Professional	8,889	8,937	8,950	9,217	9,160	9,250	9,285
University of Washington - Evening Program	279	365	392	449	570	678	744
Undergraduate	274	357	386	438	464	482	452
Graduate/Professional	5	8	6	11	106	195	292
University of Washington - Bothell/Woodinville	168	273	344	404	509	638	799
Undergraduate	168	264	318	373	480	611	781
Graduate/Professional	0	8	26	30	29	27	18
University of Washington - Tacoma	256	347	431	526	559	717	834
Undergraduate	256	324	396	491	527	667	773
Graduate/Professional	0	23	36	35	32	50	61
Washington State University - Pullman <sup>1</sup>	155,661	156,621	162,231	16,555	16,853	16,852	16,821
Undergraduate	13,182	13,212	13,719	13,902	14,073	14,032	13,823
Graduate/Professional	2,384	2,450	2,504	2,653	2,780	2,820	2,998
Washington State University - Spokane	148	183	230	262	317	364	288
Undergraduate	90	119	140	157	181	179	128
Graduate/Professional	58	64	90	104	136	186	160
Washington State University - Tri-Cities	424	492	529	623	619	656	647
Undergraduate	269	321	359	394	396	442	434
Graduate/Professional	155	171	170	229	223	214	213
Washington State University - Vancouver	315	349	484	565	636	722	828
Undergraduate	220	247	364	452	475	535	619
Graduate/Professional	95	102	121	113	161	188	209
Central Washington University	6,312	6,589	7,338	7,335	7,339	7,448	7,474
Undergraduate	6,065	6,370	7,091	7,076	7,088	7,199	7,178
Graduate/Professional	247	218	247	262	251	250	296
Eastern Washington University	7,360	7,533	7,634	7,605	7,364	6,945	6,907
Undergraduate	6,666	6,849	6,995	6,936	6,633	6,202	6,047
Graduate/Professional	694	684	639	669	731	743	860
The Evergreen State College	3,203	3,236	3,282	3,377	3,387	3,489	3,728
Undergraduate	2,929	2,943	2,984	3,080	3,171	3,273	3,444
Graduate/Professional	274	294	298	297	216	216	284
Western Washington University	9,021	9,139	9,347	9,486	9,651	10,101	10,367
Undergraduate	8,481	8,553	8,757	8,919	9,107	9,572	9,839
Graduate/Professional	540	586	590	568	544	529	528
Timber Worker Program (WSU/WWU)	7	31	48	87	118	136	148
Undergraduate	7	31	48	87	118	136	148
Graduate/Professional	0	0	0	0	0	0	0

<sup>1</sup>Includes Seattle SCHRA. Beginning with 1994-95, SCHRA became self sustaining and not a state-supported program.

Notes: Annual average FTEs are the average of Fall, Winter, and Spring quarters. Washington State University annual average FTEs are an average of Fall and Spring semesters. Totals may not add due to rounding.

Source: HEER Table 6

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