

Annual Report 2001 – 2002

Certificates Issued and
Certificated Personnel
Placement Statistics



Dr. Terry Bergeson

State Superintendent of
Public Instruction

January 2003

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ANNUAL REPORT, 2001–2002

CERTIFICATES ISSUED

AND

CERTIFICATED PERSONNEL PLACEMENT STATISTICS

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INTRODUCTION

The State Board of Education combines two related but separate reports (Certificates Issued and Certificated Personnel Placement Statistics) in its annual report regarding certification. The report is not intended to be a comprehensive study of the supply/demand ratio of certificated personnel in Washington State.

Part I of this report presents data on all certificates issued for various roles during the 2001-2002 year for both in-state and out of state applicants. Tables A and B show the total number and type of certificates issued, comparing the activity to previous years. Tables C and D present information on the number of each type of first-issue certificate, and their source, to include in-state college/university. Tables E and F provide detailed information regarding endorsements on teaching certificates first issued during the 2001-2002 year. Tables G and H report detailed information on limited certificates. Information regarding career and technical education (vocational) certificates is found in Table I. Table J pertains to the "home" states of out of state applicants. Information for Part I is based totally on records in the Office of Professional Education and Certification.

Part II presents placement statistics gathered during 2001-2002 on persons completing teacher education programs in Washington State the previous year. Information presented in Part II includes a comparison of the number of persons completing teacher education programs over the past 30 years, placement statistics for these people for the past three years, and placement statistics for each college/university in Washington as reported by that institution. The final four tables in Part II present placement information relative to endorsements and placement by racial/ethnic group. Information for Part II is based totally on follow-up information reported by the institutions.

EXECUTIVE SUMMARY

The total number of certificates issued in the state in 2001-2002 was 21,890, an increase of 2,758 (14.4 percent) from the 2000-2001 total. The largest increases occurred in the number of teacher and career and technical education (vocational) certificates issued. When all certification activity is counted, to include clock hour reporting and endorsements, the total is 26,897, which represents a decrease of 8.2% for the year.

- Four types of regular teaching certificates were issued during the year: Initial and Continuing (based on the standards in effect from 1987 to 2000) and Residency and Professional (based on standards in effect as of 2000).
- The new endorsement system, also initiated in 2000, reduced the number of endorsement areas to align more closely with the needs of the state essential academic learning requirements. Endorsements issued under earlier standards are gradually being reduced as students complete college programs that were in progress when the change occurred. Other states' endorsements not comparable to Washington endorsements continue to be issued, but are identified as "based on out of state" standards.
- The number of limited certificates (those not meeting minimum requirements for a first-level certificate) increased by 21 percent (to 4,547) from the previous year.
- Of these limited certificates, the number of emergency substitute certificates increased by more than 54 percent to 2,142. This increase continues a trend from the previous three years, as the shortage of substitute teachers grows.
- Forty-five percent of the individuals receiving their first initial or residency teaching certificates completed teacher education programs outside Washington. This proportion of first issue teaching certificates from out of state has ranged between a low of 26 percent in 1999-2000, and 45 percent this year.

- The top five areas of endorsement on first-issue teaching certificates awarded during 2000–2001 were elementary education (3,317), English (679), special education (606), history (507), and social studies (452).
- Endorsement areas least often obtained were in out of state endorsements having no Washington equivalent and in various designated world languages (e.g., Arabic, Danish, Korean, Latin, Pilipino, Serbo-Croatian, Swedish, etc.)
- The 2,592 career and technical education (vocational) certificates issued in 2001-2002 represent an increase of more than 12 percent from the previous year.
- The greatest number of out of state teachers came from Oregon (561), followed by California (399). Most out of state administrators came from Montana (27) while California contributed the most educational staff associates (36). California and Oregon were in the top three for all three categories.
- Washington colleges and universities produced 3,099 teachers in the 2000-2001 school year, a decrease (7.4 percent) from the previous year.
- The Washington teacher preparation programs' placement rate remained high, with 67 percent of the 2000-2001 program completers finding contracted, certificated positions in 2001–2002.
- While full-time placement rates have increased, the placement of new program completers as substitutes remained low, below 15% for the second year in a row.
- The sustained decrease in the availability of new program completers as substitutes has stimulated an increase in recent years in the use of emergency substitute teachers. Washington State has experienced an increase in the use of substitute teachers not prepared by college/university teacher preparation programs.
- There were 357 (14 percent) candidates completing initial or residency teacher certification programs in Washington in 2000-2001 who identified themselves as members of minority groups. This was a slight decrease from the preceding

year, but was higher than 10 percent for the fifth year in a row. Of those minority group members, 253 (71 percent) were hired as teachers.

- The highest placement rate (50 percent or higher) of teachers in their respective endorsement area occurred in the fields of health/fitness, learning resources, science, mathematics, technology education, agriculture, elementary education, music, business education, special education, and religion.
- The lowest placement rate (below 5 percent) of teachers in their respective endorsement area occurred in the fields of psychology, economics, marketing education, sociology, philosophy, journalism, and traffic safety. There were no placements made in these last three endorsement areas.

PART I

CERTIFICATES ISSUED

July 1, 2000–June 30, 2001

PART I - CERTIFICATES ISSUED, JULY 1, 2001 – JUNE 30, 2002

Introduction

Each year the State Board of Education prepares a comprehensive report of the number and type of certificates issued to individuals completing programs at Washington colleges/universities and to individuals completing preparation programs at institutions outside the state of Washington. Information regarding endorsements on teaching certificates is also reported. Since September 1, 2000, two new teaching certificates, the Residency and Professional, began replacing the Initial and Continuing Teacher certificates, and a new endorsement system began replacing the previous one. Both changes implement reform legislation calling for performance-based preparation programs for certification and for endorsements.

Total Certificates Issued

The total number of certificates issued to in-state and out of state applicants¹ from July 1, 2001–June 30, 2002, was 21,890.² This was 14.4% more than the previous year's total. A breakdown by type (teacher, administrator, educational staff associate [ESA], and career/technical) and by source (in state, out of state) is shown in Table A. The figures include first certificate issuance, renewals, reinstatements, movement from the initial level of certification to the continuing level, and conversion of older types of certificates (e.g., provisional/initial) to new certificate types (e.g., residency). All types of limited certificates (substitute, emergency, emergency substitute, conditional, and exchange teacher) are also included in the 21,890 certificates issued.

¹ For teachers, administrators, and ESAs, an "in-state" applicant is one who completed the approved program for the certificate at a Washington college/university. An "out of state" applicant completed the course work at an institution outside the state of Washington. All career and technical education (vocational) applicants are considered "in-state."

² While the total, 21,890, reflects the number of certificates issued in 2001-2002, it does not reflect all certificate activity. For example, an individual issued a continuing certificate after August 1987 needs to complete 150 clock hours every five years to maintain that certificate. This total (21,890) does not include the activity required to extend the validity of continuing (clock hour) certificates. Nor does it reflect the adding of endorsements to existing certificates. When all certification activity is included, the total is 26,897. This represents decrease of 8.2% from the previous year.

Table A. Total Certificates Issued July 1, 2001–June 30, 2002

	Total	In State	Out of State
Teacher	17227	12660	4567
Administrator	937	782	155
Educational Staff Associate	1134	827	307
Vocational	2592	2592	n/a
Total	21890	16861	5029

Figure 1 compares the total certificates issued in 1997-2002. In 1997-98, the number of teacher certificates increased, while the number of other certificates issued remained relatively stable. In 1998-99, certificates decreased. The 1999-2000 report was similar to 1998-99, except that administrative certificates rose sharply. In 2000-2001, the total rose dramatically, primarily due to increases in teacher and career and technical education (CTE) certificates (formerly called vocational education). In 2001-2002 the total continued to rise, again due to an increase in teacher and CTE certificates issued.

Figure 1. Five-Year Comparison of Total Certificates Issued

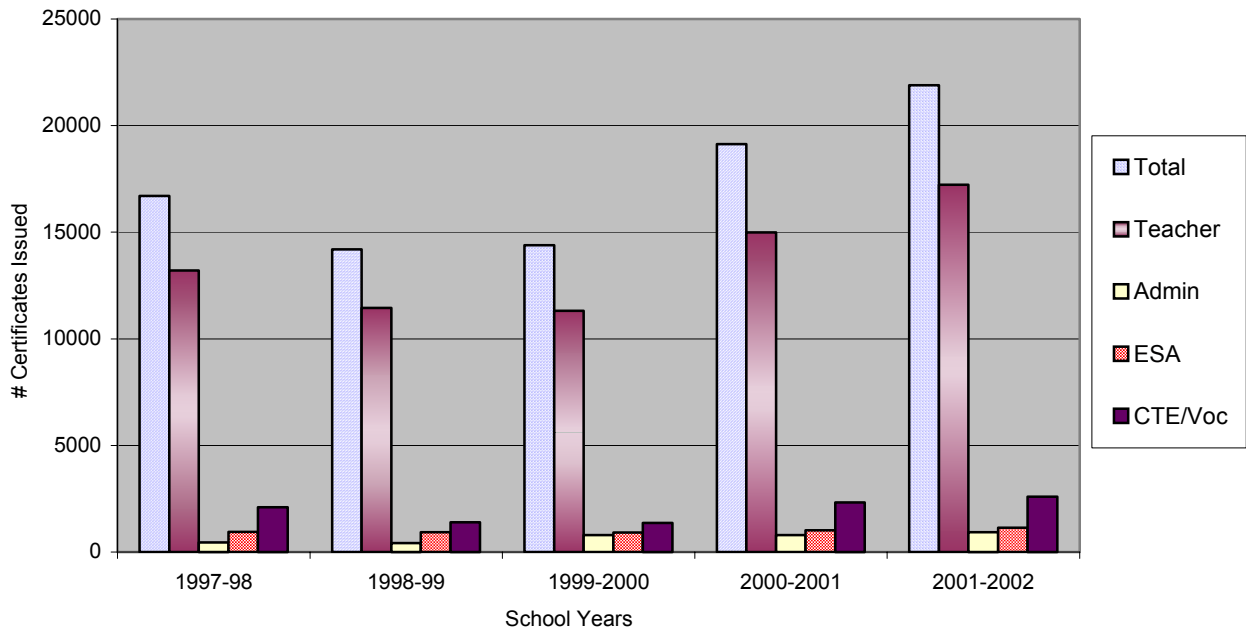


Table B provides more information about the total number of certificates issued. Here, the number of regular certificates issued as well as the types and number of limited

certificates are presented. The number of limited certificates issued in 2001-2002 exceeded the number issued the previous year by 21 percent, continuing an upward trend. The residency teacher certificate (the first level of certification under the system which went into effect on September 1, 2000) is replacing the initial certificate. Only eight professional teacher certificates were issued (to holders of the national certificate from the National Board for Professional Teaching Standards) in 2001-2002 because the state is beginning (during the 2002-2003 academic year) to inaugurate new professional teacher certificate programs approved during 2001-2002 by the State Board of Education (to accommodate teachers who have received residency teacher certificates since September, 2000).

Table B. Total Certificates Issued in 2001-2002 by Level: Initial/Residency (Beginning Level) Continuing/Professional (Advanced Level)

		Number of Certs	Percentage Change From 2000-2001
First-level teaching certificates:		9,742	22.2%
Initial certificates	2,503		
Residency certificates	7,239		
Second-level teaching certificates:		2,971	-10.0%
Continuing certificates	2,963		
Professional certificates	8		
Initial administrator certificates		706	17.7%
Continuing administrator certificates		212	14.6%
Initial ESA certificates		845	15.6%
Continuing ESA certificates		223	-7.5%
Career and technical certificates		2,592	12.2%
Exchange certificates		11	-15.4%
Limited certificates		4,547	21.0%
Conditional certificates	290		-2.7%
Emergency certificates	65		4.8%
Emergency substitutes	2,142		54.8%
Substitute certificates	1,791		-4.9%
Intern substitute certs	259		97.7%
	Grand Total:	21,849	14.3%

First-Issue Certificates

Table C addresses new certificate holders in the state; it does not include figures for limited certificates, renewals, reinstatements or conversions, but rather indicates the number of certificates issued to persons who had never held certification for that role in Washington. Forty five percent of teachers earning their first Washington certificate completed an out of state preparation program. The totals at the bottom of Table C do not indicate the number of people, but, more precisely, the number of certificates. It is possible, especially for out of state applicants, to qualify for more than one certificate. For example, applicants for principal or school counselor certification often apply concurrently for a teaching certificate.

Table C. Total First-Issue Certificates by Type

			In State	Out of State	Total	
<u>Teacher Certificates</u>						
	First-level	Initial	9	32	41	
		Residency	3,302	2,694	5,996	
	Second-level	Continuing	2,774	14	2,788	
		Professional	5	2	7	
<u>Administrator Certificates</u>						
Principal	Initial		374	113	487	
	Continuing		122	4	126	
Superintendent	Initial		27	16	43	
	Continuing		15	2	17	
Program Administrator	Initial		15	14	29	
	Continuing		16	1	17	
<u>Educational Staff Associate Certificates</u>						
School Speech Language Pathologist/Audiologist	Initial		37	80	117	
	Continuing		31	1	32	
School Counselor	Initial		188	76	264	
	Continuing		101	0	101	
School Nurse	Initial		29	37	66	
	Continuing		12	1	13	
School Occupational Therapist	Initial		35	11	46	
	Continuing		8	0	8	
School Physical Therapist	Initial		16	7	23	
	Continuing		3	0	3	
School Psychologist	Initial		37	56	93	
	Continuing		39	0	39	
School Social Worker	Initial		36	6	42	
	Continuing		5	0	5	
<u>Career and technical (vocational)*</u>			1,257	n/a	1,257	
*not identified by in-state/out of state			Totals	8,493	3,167	11,660

Table D sets forth more detailed information about certificates issued to in-state applicants reported in Table C. Table D indicates the number of first-issue initial or residency certificates for individuals completing programs at each Washington college/university. Not all colleges/universities are approved to recommend certification for every type of certificated role.

In 2001-2002, 17 of the 22 institutions approved to offer a teacher preparation program included certification coursework as an integral part of a bachelor's degree, while 13 of the 22 schools offered a Master-in-Teaching (MIT) program that leads directly to a master's degree with certification. As a third alternative, most of the 22 colleges/universities offered certification-only programs to students who already hold a college degree and choose not to pursue an integrated master's degree program.

Table D. Number of First-Issue Initial (or Residency) Certificates by Institution*

July 1, 2001–June 30, 2002

AU = Antioch University, CU = City University, CWU = Central Washington University, EWU = Eastern Washington University, GU = Gonzaga University, HC = Heritage College, NWC = Northwest College, PLU = Pacific Lutheran University, PO = Pacific Oaks College, SMC = Saint Martin's College, SPU = Seattle Pacific University, SU = Seattle University, TESC = The Evergreen State College, UPS = University of Puget Sound, UW = University of Washington, UW-B=University of Washington-Bothell, UW-T=University of Washington-Tacoma, WWC = Walla Walla College, WSU = Washington State University, WWU = Western Washington University, WmC = Whitman College, WwC = Whitworth College

Type of Certificate	AU	CU	CWU	EWU	GU	HC	NWC	PLU	PO	SMC	SPU	SU	TESC	UPS	UW	UWB	UWT	WSU	WWU	WmC	WwC
TEACHER	61	179	461	395	156	84	19	174	24	108	102	98	34	39	113	41	54	379	480	15	137
ADMINISTRATOR																					
Principal	--5	53	32	20	14	40	--	14	--	--	48	12	--	5	30	--	--	45	42	--	4
Program Administrator	--	--	2	--	--	0	--	0	--	--	--	1	--	1	5	--	--	4	--	--	--
Superintendent	--	--	--	--	2	--	--	--	--	--	5	0	--	--	3	--	--	15	--	--	--
EDUCATIONAL STAFF ASSOCIATE**																					
Counselor	--	43	2	8	5	23	--	--	--	19	8	14	--	15	12	--	--	15	5	--	13
Psychologist	--	--	5	10	--	--	--	--	--	--	2	11	--	--	8	--	--	--	--	--	--
Social Worker	--	--	--	15	--	--	--	--	--	--	--	--	--	--	17	--	--	4	--	--	--

* Based on OSPi records of certificates issued. Totals may vary significantly from year to year, depending on the date the verification of program completion lists are sent to OSPi for processing. For example, while the University of Puget Sound shows 39 teachers receiving certificates in 2001–2002, 36 students actually completed their teacher preparation program in 2001–2002. This table shows certificates issued before June 30, 2002. Some individuals who completed a program this year were not issued a certificate until after July 1, 2002.

** Four other categories of Educational Staff Associates (ESAs) receive certification by completing degree programs approved by appropriate national accrediting agencies, holding valid Washington State licenses (when required), and completing a 30 clock hour course approved by the State Board of Education (SBE). They do not complete SBE approved preparation programs, so they are not included on this chart. Those four ESA categories are School Speech Language Pathologist or Audiologist, School Nurse, School Occupational Therapist, and School Physical Therapist.

Endorsements

Since 1987, teaching certificates have carried subject endorsements. On September 1, 2000 a new endorsement system was introduced. All endorsements must now be verified through completion of a college/university program. The number of Washington endorsements was reduced from 43 to 33, consolidating some areas to more closely correspond with Washington essential academic learning requirements. Although only one endorsement is required, many teachers obtain certificates with more than one endorsement. The figures in Table E indicate the number of each type of endorsement listed on first-issue teaching certificates. Since many certificate recipients will have two or more endorsements, the total number of endorsements exceeds the number of certificates issued.

Most endorsements were issued in elementary education (3,317), English (679), special education (606), history (507), social studies (452), early childhood education (433), reading (369), math (318), biology (279) psychology (254), and Spanish (191). Of these, only math had more out of state applicants earning it than in-state applicants.

Three or fewer endorsements each were awarded to individuals in eight different endorsement areas, to include American Sign Language, and the following designated world languages (Chinese, Korean, Latin, Pilipino, Arabic, Danish, and Serbo-Croatian).

In-state applicants earned 66 percent of all endorsements awarded. More than 90 percent of the following endorsements were issued to candidates from in-state: Danish, Latin, journalism, philosophy, instrumental music, psychology, marketing education, speech, physical education, sociology, music, health, political science, and economics.

Table E. Endorsements on First Washington Teacher Certificates

<u>Endorsement</u>	<u>In State</u>	<u>Out of State</u>	<u>Total</u>
Agriculture	18	7	25
American Sign Language	2	1	3
Anthropology	24	3	27
Arabic	0	1	1
Art	95	73	168
Bilingual Education	18	18	36
Biology	160	119	279
Business Education	39	26	65
Chemistry	63	42	105
Chinese	1	2	3
Choral Music	52	22	74
Comparative Religion	6	2	8
Dance	4	1	5
Danish	1	0	1
Drama	37	13	50
Early Childhood Education	288	145	433
Early Childhood Special Education	31	22	53
Earth Science	32	13	45
Economics	32	3	35
Elementary Education	2185	1132	3317
English	404	275	679
English/Language Arts	103	57	160
English/Second Language	90	71	161
Family and Consumer Sciences Ed	33	26	59
French	28	31	59
Geography	13	4	17
German	18	11	29
Health	96	8	104
Health/Fitness	22	40	62
History	389	118	507
Instructional Technology	9	2	11
Instrumental Music	47	1	48
Japanese	2	4	6
Journalism	12	0	12
Korean	0	2	2
Latin	2	0	2
Learning Resources	7	2	9
Library Media	0	16	16
Marketing Education	30	1	31
Mathematics	156	162	318
Middle Level	20	85	105
Music	50	4	54
Philosophy	8	0	8
Physical Education	130	8	138
Physics	27	20	47
Pilipino	0	2	2
Political Science	45	4	49
Psychology	247	7	254
Reading	320	49	369

<u>Endorsement</u>	<u>In State</u>	<u>Out of State</u>	<u>Total</u>
Romanian	1	3	4
Russian	4	5	9
Science	112	71	183
Serbo-Croatian	0	1	1
Social Studies	293	159	452
Sociology	60	4	64
Spanish	126	65	191
Special Education	322	284	606
Speech	33	2	35
Technology Education	7	10	17
Traffic Safety	<u>11</u>	<u>2</u>	<u>13</u>
<i>SubTotal</i>	<u>6,365</u>	<u>3,261</u>	<u>9,626</u>
<u>Endorsements Issued Based on Other States' Programs</u>			
* Adaptive Physical Education		2	2
* All Secondary Areas		6	6
* Coaching		3	3
* Communications		3	3
* Computer Science		2	2
* Cross Cultural, Language, Academic		7	7
* Early Childhood/Elementary		56	56
* Early Intervention: Special Education		1	1
* Economics		2	2
* Educational Media		1	1
* Elementary/Middle School		8	8
* Emotionally Handicapped		1	1
* Environmental Science		2	2
* Family and Child Development		1	1
* Geography		15	15
* Geology		1	1
* Government		2	2
* Health		33	33
* Health/Human Performance		1	1
* Home Economics		1	1
* Industrial Arts		1	1
* Language Arts		1	1
* Learning Disabilities		1	1
* Mild/Moderate Impairments		1	1
* Multiple Subjects		91	91
* Music		51	51
* Natural Science		3	3
* Physical Education		111	111
* Physical Science		11	11
* Political Science		10	10
* Prekindergarten		1	1
* Psychology		6	6
* Social Science		39	39
* Sociology		5	5
* Speech		9	9
<i>SubTotal</i>		<u>489</u>	<u>489</u>
<i>Grand Total</i>	<u>6,365</u>	<u>3,750</u>	<u>10,115</u>

In-state figures from the previous table are further broken down in Table F to indicate the number of each type of endorsement on certificates issued to individuals completing programs at each of the state's colleges/universities. Not all colleges/universities are approved to grant all endorsements. Since September 1, 2000, completion of an approved college/university program has been required to earn an endorsement. Compared with 10,894 endorsements awarded in 1999-2000, only 9,569 endorsements were awarded in 2000-2001, and 9,626 endorsements were awarded in 2001-2002, for a decrease of approximately 12% during the last two years. If an individual was issued a certificate between July 2001 and June 2002, then added an endorsement to the certificate prior to June 30, 2002, the added endorsement is included in Table F.

Table F. Endorsements on First Washington Teacher Certificates by In-State College/University

See Table D for key to college abbreviation.

Endorsement	AU	CU	CWU	EWU	GU	HC	NWC	PLU	PO	SMC	SPU	SU	TESC	UPS	UW	UWB	UWT	WWC	WSU	WWU	WmC	WwC	
Agriculture						1													14				
American Sign Language																							2
Anthropology		3	3							1		2	2		3		2		3	4			1
Arabic																							
Art		5	15	8	5			8		2		1	3	4	5	2	1	2	6	13			9
Bilingual Education			3			12											1		3				
Biology	4	9	10	15	6	5	4	9		10	3	16	4	4	10	1	5	1	12	15	1		9
Business Education			23	5	6	1									1		1	1					
Chemistry	2	3	4	12	1	1		3		4	3	3	2	2	6		1		3	8			1
Chinese															1								
Choral Music		1	11	5	1		4	5		1	3			1	8				7	2			1
Comparative Religion		1			5																		
Dance			3			1																	
Danish																	1						
Drama		2	3		2	1		2		4		2	1	1	2		1	1		9	1		2
Early Childhood Educ.		7	100	7	5	10			18	18	1						1	7	25	71			2
Early Childhood Spec. Educ.		1			11					1	1				7				1	7			1
Earth Science	1	3	4	4		1							1	2	2		1		8	5			
Economics			1		2	1				1	1	3			8	2	2		4	3			4
Elementary Education	43	179	275	240	100	66	10	118	24	62	71	48	18	13	49	40	53	23	280	324	7		75
English	7	15	30	22	23	7	6	34		13	26	21	8	5	29	3	7	9	29	55	1		35
English/Second Language	7	1	15	3		14	2	10	4	1	2	1			3		1		11	11			9
English/Language Arts		2	1		3	14		8		15	6	5	1	6	6		3		5	3			11
Family & Consumer Sci. Ed.		3	13							1	5						3		5				
French			3	1	1			4			1	1		1	1			1	2	3			5

Table F. Endorsements on First Washington Teacher Certificates by In-State College/University (continued)

See Table D for key to college abbreviation.

Endorsement	AU	CU	CWU	EWU	GU	HC	NWC	PLU	PO	SMC	SPU	SU	TESC	UPS	UW	UWB	UWT	WWC	WSU	WWU	WmC	WwC
Geography		1	3	1		1				2	2					1			1	1		
German		1	3		1			1			2		2	2	2			1	1	1		1
Greek																						
Health		6	21	17	5	1		8		4	1	2					3	10	3	2		9
Health/Fitness			1	8			1	4			4			1					1	1		
Hebrew																						
Hindi																						
History	4	19	38	49	22	7	1	26		26	26	20	6	6	24	1	12	1	34	33	1	25
Instructional Technology				2				2		3										1		1
Instrumental Music			11	6	1			6			4			2	8				7	2		1
Italian					1										1							
Japanese																						2
Journalism					2	1				2	1	1					1			1		2
Korean																						
Latin								1												1		
Learning Resources		1		4						1										1		
Marketing Education		2	6			2				4		4			1	3	1		7			
Mathematics	3	4	18	16	6	5		7		7	4	8		4	8		2	2	19	15	2	17
Middle Level										17				1			1					
Music		1	10	5	2			4			3			1	8				6	4		8
Norwegian																						
Philosophy		1	1		4								1									
Physical Education		7	33	31	8	3		6		3	2	1					1	7	3	7		11
Physics	2		2	3	1					1	1	1	1	1	5		1		1	3	1	2

Table F. Endorsements on First Washington Teacher Certificates by In-State College/University (continued)

See Table D for key to college abbreviation.

Endorsement	AU	CU	CWU	EWU	GU	HC	NWC	PLU	PO	SMC	SPU	SU	TESC	UPS	UW	UWB	UWT	WWC	WSU	WWU	WmC	WwC	
Political Science		3	3		2	3		3		2	1	7	1	1	2		2		3	7			4
Portuguese																							
Psychology		14	7		49	5		17		18	11	7	1		16	1	7	2	18	54			17
Reading		1	44	163	14	1		18		38			1						13	19			14
Russian			1		1										1		1						
Science	2	3	8	8	3	1		8		7	3	8	3	3	10				6	31			6
Social Studies	5	9	26	42	16	4	3	17		19	20	12	14	4	13	1	5		22	36			13
Sociology		9	4	1	4	3		5		7	1	8			2		2	1	3	8			2
Spanish		2	22	9	3	7		7			1	3	6		12	1	3	3	11	14	2		18
Special Education		5	49	18		1		48		12	8	1	2		23		1	5	12	70			8
Speech		7			55	1	1	1		2	1	1			3	1	1	1	2	2			1
Swedish																							
Technology Education			1	2																2			
Traffic Safety		1	6	1																			
Turkish																							

Endorsements on Limited Certificates

Conditional certificates, issued to individuals who have expertise in an endorsement area but do not meet all qualifications for a regular certificate, authorize assignment in a specific private school or school district. The requesting district or private school must verify that conditions requiring the certificate are met. Endorsements on conditional certificates issued in 2001-2002 are listed at Table G. Twenty seven of the 48 endorsements listed increased compared with last year, while 19 decreased and eight remained the same. This is despite a slight decrease from 298 to 290 conditional certificates issued during the year.

Table G. Endorsements on Conditional Certificates 2001-2002

Art	6	Mathematics	14
American Sign Language	1	Music	19
Bilingual Education	4	Physical Education	3
Biology	3	Physics	2
Business Ed	1	Psychology	1
Chemistry	2	Reading	2
Choral Music	9	ROTC Instructor	9
Dance	9	Russian	1
Drama	3	Salish	1
Early Childhood Education	3	School Nurse	5
Early Childhood Special Ed	3	School Speech Language	
Elementary Education	11	Pathologist or Audiologist	9
English	3	Science	5
English/LA	2	Soccer Coach	1
English as a Second Language	6	Social Studies	2
Football Coach	2	Spanish	7
French	1	Special Education	28
Health	2	Student Advisor*	3
History	1	Swim Coach	1
Instructional Technology	1	Technology Ed	6
Instrumental Music	2	Traffic Safety Education	23
Japanese	3	On-Street Instruction Only**	87
Korean	1	Simulation Only***	4
Latin	1	Vietnamese	1
Learning Resources	2	Wrestling Coach	1

* Student Advisor may indicate one of various roles (e.g. cheerleader advisor, etc.)

** On-Street Instruction Only permits individuals to instruct behind the wheel, but not to teach the class.

*** Simulation Only permits individuals to instruct using a simulator, but not to teach the class.

Endorsements on emergency certificates issued in 2001-2002 are listed in Table H. Educational service districts, school districts, or private schools may request that an emergency certificate be issued to individuals who hold the appropriate degree and have substantially completed a preparation program, provided that a qualified person who holds regular certification is not available. These data show an increase over the previous year in the use of emergency certification for the following: early childhood education, reading, science, Spanish, and special education (six this year, zero last year). Eleven emergency certificate types/endorsements either remained the same or decreased since last year.

Table H. Endorsements on Emergency Certificates 2001-2002

Emergency Teacher Certificates	
Early Childhood Ed	1
Elementary Ed	6
Math	3
Reading	1
Science	2
Social Studies	1
Spanish	1
Special Education	6
Emergency ESA Certificates	
School Counselor	17
School Psychologist	16
School Social Worker	7
Emergency Administrator Certificates	
Principal	5
Program Admin	2

Career and Technical Education (CTE) Certificates³

Certificates for career and technical education (CTE, formerly vocational education) are issued in the broad categories of agricultural education, business education, marketing education, family and consumer sciences education, and technology education, and/or specific subcategory specialty areas. Table I reflects the number of Initial, Initial Renewal, Continuing, Probationary and Conditional certificates issued (new and renewed) in these areas. For the purpose of this table, some specialty areas have been grouped under school district program areas. Detailed information regarding the specialty areas is available upon request from the Professional Education and Certification office. The total of 2,566 represents an increase of 11 percent from the previous year (2,311).

Table I. CTE Certificates Issued, July 1, 2001 - June 30, 2002

	<u>New</u>	<u>Renewal</u>	<u>Total</u>
CTE Director and Assistant Director	19	34	53
Agriculture Education*	17	51	68
Agriculture Specialty Areas	51	23	74
Business Education*	111	189	300
Business Specialty Areas	128	44	172
Marketing Education*	37	59	96
Marketing Specialty Areas	65	29	94
Family and Consumer Sciences Education*	78	161	239
Family and Consumer Sciences Education (Specialty Areas)	12	19	31
Technology Education (all areas, degree required)	69	123	192
Health Occupations (all specialty areas)	68	24	92
Trade and Industrial (all specialty areas)	321	222	543
Diversified Occupations	110	102	212
CTE Counselor	8	21	29
Occupational Information Specialist	8	22	30
Work-Based Learning Coordinator	144	197	341
<i>Totals</i>	<u>1177</u>	<u>1197</u>	<u>2566</u>

** Broad subject area, usually based on a certification program. However, significant numbers of these certificates are conditional certificates (which do not require a certification program).*

³ In January 2002 the State Board of Education approved a name change, from “vocational” to the new “career and technical” for all matters relating to vocational education.

Certificates Issued to Out of state Candidates

When a candidate from another state receives a Washington certificate, the state in which the most recent educational service occurred is designated as the entry state. If the candidate has not been in educational service, the state listed is the state where the most recent preparation program was completed.

During 2001–2002, two states (Oregon and California) accounted for approximately 26 percent of the out of state recipients of Washington State teaching certificates. Oregon, California, Montana, Idaho, and Texas are the top five states-of-origin for out of state applicants.

Table J. Top Ten States From Which Out of state Candidates Entered Washington, 2001-2002

<u>Teacher</u>		<u>Administrator</u>		<u>Educational Staff Associate</u>	
1. Oregon	561	1. Montana	27	1. California	36
2. California	399	2. Oregon	20	2. Idaho	19
<i>Foreign Country</i>	322	3. California	18	3. Oregon	17
3. Montana	237	4. Idaho	15	4. Illinois	8
4. Idaho	222	5. Alaska	6	5. Wisconsin	8
5. Texas	177	6. Arizona	6	6. Arizona	7
6. Utah	107	7. Nevada	6	7. Indiana	7
7. Michigan	103	8. Wyoming	5	8. Colorado	6
8. Illinois	101	9. Illinois	4	9. Utah	6
9. Arizona	96	10. Colorado	3	<i>Foreign Country</i>	5
10. New York	91	<i>Foreign Country</i>	3	10. Massachusetts	5

Foreign countries accounted for 322 applicants who were issued teaching certificates during 2001-2002. When considered in the category of states, “foreign country” ranks third, behind Oregon and California, as a source of teachers from out of state, and their total has greatly increased during the past several years.

PART II - CERTIFICATED PERSONNEL PLACEMENT STATISTICS, 2001-2002

Introduction

Each year Washington State colleges and universities prepare reports for the Superintendent of Public Instruction detailing program completion and placement information. Data collected and reported in this 2001-2002 report are for persons completing teacher education programs during the previous year (2000-2001) and placed during the current year (2001-2002).

Program Completion Data

There were 3,099 new teachers completing certification programs at Washington State colleges and universities during 2000-2001. Figure 2 depicts those completing programs over a 30-year period, showing a dramatic decline from 5,685 in 1972 to 2,007 in 1985, followed by a gradually increasing trend since 1985 to a peak of 3,345 in 1999-2000.

Figure 2. Trends in Teacher Certification in Washington, 1972-2001

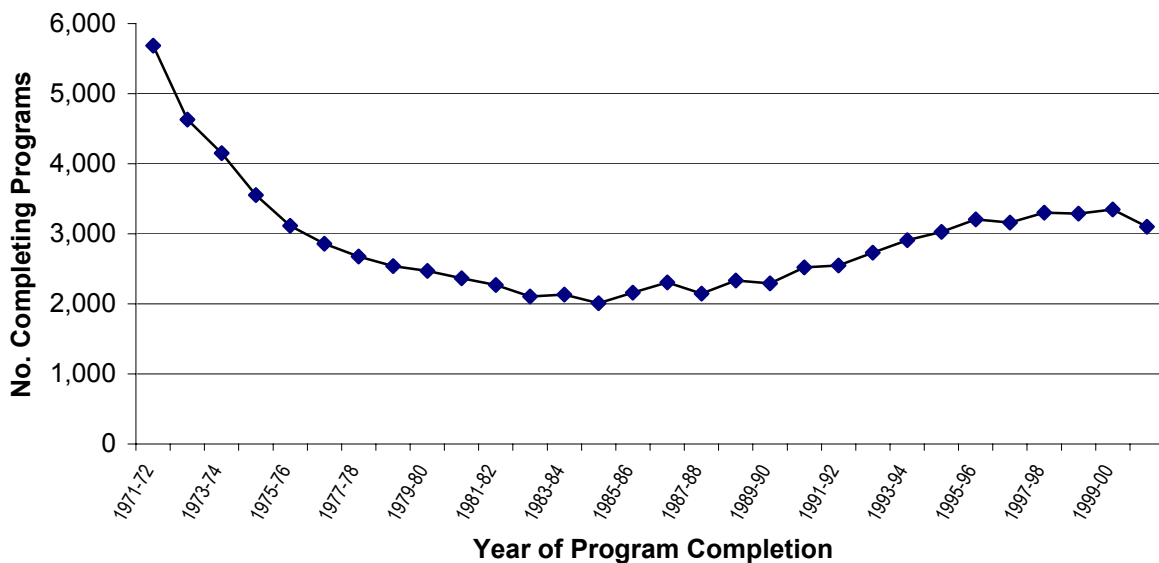


Figure 2 was derived from Table K below, which provides specific totals for certificates granted and the percent change year by year.

Table K. Number Completing Teacher Education Programs, 1972-2001

Year	Number Completing Programs	Percentage Change from Previous Year	Year	Number Completing Programs	Percentage Change from Previous Year
1971-72	5,685		1986-87	2,308	+ 7.0
1972-73	4,631	-18.5	1987-88	2,146	- 7.0
1973-74	4,151	-10.4	1988-89	2,332	+ 8.8
1974-75	3,554	-14.4	1989-90	2,294	- 1.7
1975-76	3,114	-12.4	1990-91	2,519	+ 9.8
1976-77	2,858	- 8.2	1991-92	2,549	+ 1.2
1977-78	2,675	- 6.4	1992-93	2,732	+ 7.2
1978-79	2,537	- 5.2	1993-94	2,907	+ 6.5
1979-80	2,472	- 2.6	1994-95	3,028	+ 4.2
1980-81	2,367	- 4.2	1995-96	3,204	+ 5.8
1981-82	2,270	- 4.1	1996-97	3,160	- 1.4
1982-83	2,105	- 7.2	1997-98	3,303	+ 4.5
1983-84	2,133	+ 1.3	1998-99	3,289	- 0.4
1984-85	2,007	- 5.9	1999-00	3,345	+ 1.7
1985-86	2,158	+ 7.5	2000-01	3,099	-7.4

Placement Statistics

Figure 3 provides a quick overview of employment for the 3,099 people who completed teacher education programs in 2000-2001. The data were collected in a voluntary survey with a response rate of 90.7 percent. Sixty-seven percent reported holding teaching contracts (a sustained increase for the sixth year in a row). If one also considers substitute teaching, 82 percent were employed in full-time or part-time teaching positions. The 4.9 percent who are "other" include a variety of categories: people working in classified positions in schools, the unemployed, and those in graduate study.

Figure 3. First-Year Employment, 2000-2001 Program Completers

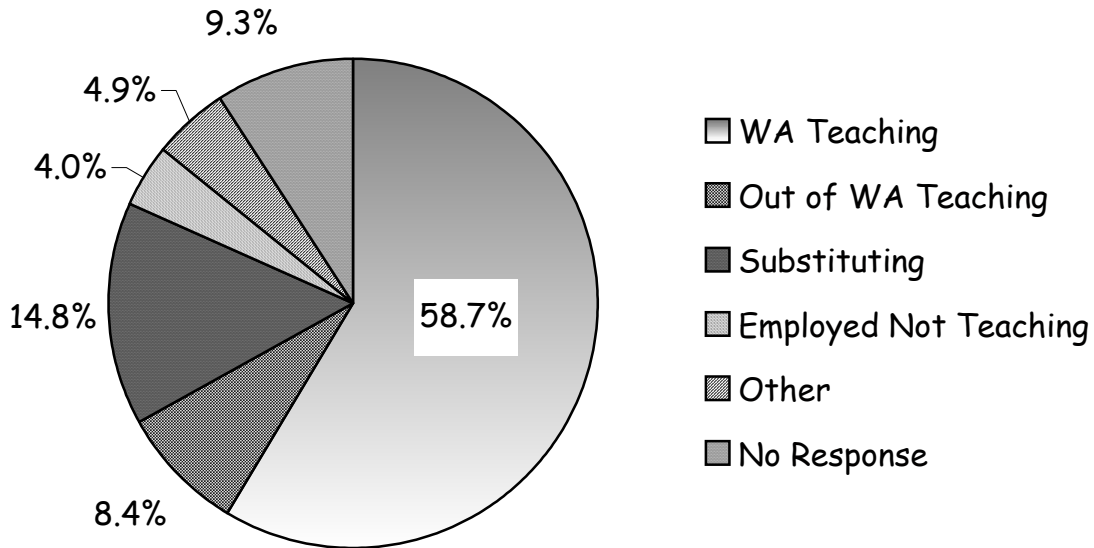


Table L below expands information provided by the "pie" graph in Figure 3 and provides some historical perspective. It contains categorical placement data for the year after program completion for those completing initial teacher training in 1998-99, 1999-2000, and 2000-2001, who were placed during the following year. The percentage for each category is based on the total number of people certificated rather than the number of respondents. There has been a continuing decrease in the number of Washington prepared teachers employed out of state, and in the number (and percent) employed as substitutes.

Table L. Three-Year Placement Statistics

Part 1. Summary:	Placed in year:					
	<u>1999-2000</u>		<u>2000-2001</u>		<u>2001-2002</u>	
Total Number of Respondents	3,037	(92.3%)	2,952	(88.3%)	2811	(90.7%)
Total Number Unable to Contact	258	(7.8%)	393	(11.7%)	288	(9.3%)
Total Surveyed	3,289	(100%)	3,345	(100%)	3099	(100%)

Part 2. Population Report by Category						
Category	Respondents	% of	Respondents	% of	Respondents	% of
	1998-1999	Total	1999-2000	Total	2000-2001	Total
1. Employed as teacher in state	1704	52%	1886	56%	1818	58.7%
<i>public</i>	1576	48%	1740	52%	1727	55.7%
<i>private</i>	128	4%	146	4%	91	2.9%
2. Employed as teacher out of state	352	11%	343	10%	259	8.4%
<i>public</i>	292	9%	281	8%	217	7.0%
<i>private</i>	60	2%	62	2%	42	1.4%
3. Employed as substitute teacher	619	19%	478	14%	458	14.8%
<i>seeking position</i>			404	12%	378	12.2%
<i>not seeking position</i>			74	2%	80	2.6%
4. Employed position in non-certified position (e.g. paraeducator)	20	1%	13	0%	19	0.6%
5. Employed, nonteaching	89	3%	92	3%	73	2.4%
6. Employed, non-teaching, seeking teaching	44	1%	30	1%	32	1.0%
7. Unemployed, seeking teaching	26	1%	26	1%	23	0.7%
8. Unemployed, seeking non-teaching position	71	2%	5	0%	2	0.1%
9. Not seeking any employment	31	1%	66	2%	54	1.7%
10. Primarily in grad study	38	1%	51	2%	54	1.7%
11. Other	43	1%	38	1%	19	0.6%
Respondents	3,037		3,028		2811	

¹ Total includes both respondents and non-respondents. The 9.3 percent non-respondents must be included for percentages to total 100 percent.

The numbers and percentages of persons completing teacher education programs in Washington colleges and universities during 2000-2001 is presented in Table M. The overall placement rate (67 percent in 2000-2001) maintains a high reached last year for the past six years. The percentage of full-time placements varied widely from institution

to institution, ranging from 13 percent to 94 percent. The nine institutions reporting the highest placement rates were University of Puget Sound, University of Washington at Tacoma, Saint Martin's College, The Evergreen State College, City University, Walla Walla College, University of Washington at Bothell, Seattle University, and Pacific Oaks College. All nine reported over 75 percent of graduates teaching during the first year after program completion. This was an increase from the previous year, when seven had more than 75 percent placed in full-time teaching positions.

Table M. Number and Percentage of Placements by Institution¹

College	Total Cert	# of Resp	WA Tchg	Non-WA		% Teaching
				Tchg	Total Tchg	
Antioch	60	27	8	0	8	13%
Central	507	425	293	23	316	62%
City	156	156	122	7	129	83%
Eastern	386	386	198	39	237	61%
Gonzaga	117	112	50	25	75	64%
Heritage	76	72	46	1	47	62%
Northwest	21	18	14	1	15	71%
PLU	163	163	91	25	116	71%
Pacific Oaks	22	21	16	1	17	77%
Saint Martin's	78	78	53	13	66	85%
SPU	102	53	36	6	42	41%
Seattle U	90	90	64	6	70	78%
TESC	35	35	27	2	29	83%
UPS	36	36	29	5	34	94%
UW Bothell	37	37	27	2	29	78%
UW Seattle	102	65	49	6	55	54%
UW Tacoma	50	47	42	1	43	86%
WallaWalla	38	37	13	18	31	82%
WSU	399	372	249	27	276	69%
Western	498	456	324	32	356	71%
Whitman	11	10	5	1	6	55%
Whitworth	115	115	62	18	80	70%
Totals	3099	2811	1818	259	2077	67%

¹ As reported by the individual higher education institution.

Table N shows the percentage of persons completing preparation programs for the period from 1980-81 through 2000-2001 and their employment status the year after

program completion, including employment as substitutes. This year's increase in employed or contracted teachers continues a trend of higher placement rates. The percentage employed or contracted has risen from 33.9 percent in 1981-82 to the high of 67.1 percent in this survey. The number employed as substitutes has generally increased, from 16.7 percent in 1981-82 to a high of 33 percent in 1995-96, then fell to 14.3 percent in reporting year 2000-2001, with a slight increase this year to 14.8%. Total employed in teaching (approximately 4 out of every 5 completers) has remained relatively stable for more than ten years.

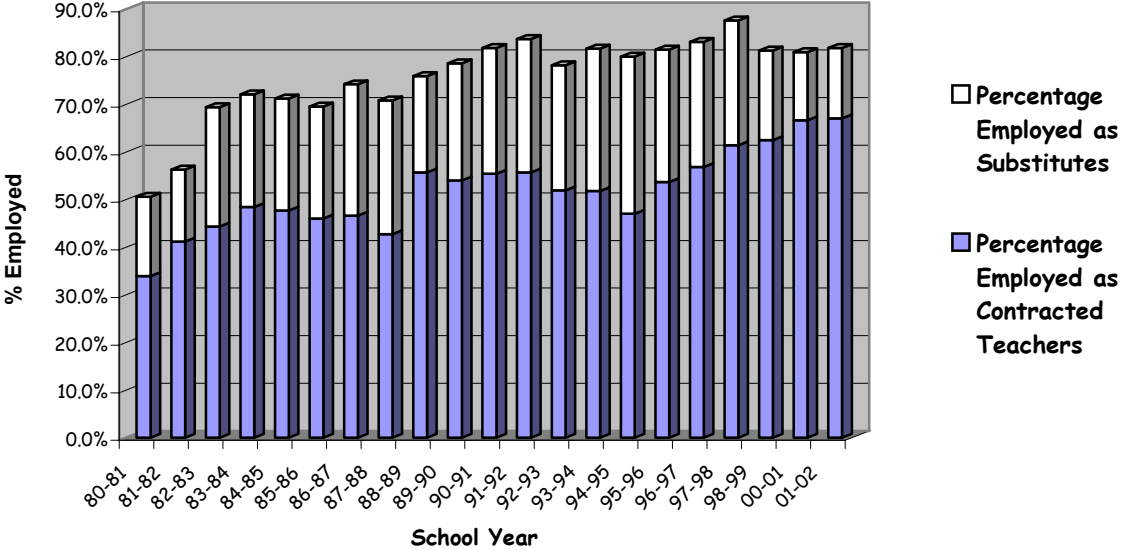
Table N. Percentage of Persons Employed

<u>Reporting Year</u>	<u>Year of Program Completion</u>	<u>Percentage Employed or Contracted</u>	<u>Percentage Employed as Substitutes</u>	<u>Total Employed in Teaching</u>
1981-82	1980-81	33.9%	16.7%	50.6%
1982-83	1981-82	41.2%	15.1%	56.3%
1983-84	1982-83	44.3%	25.1%	69.4%
1984-85	1983-84	48.4%	23.7%	72.1%
1985-86	1984-85	47.7%	23.5%	71.2%
1986-87	1985-86	46.0%	23.4%	69.4%
1987-88	1986-87	46.6%	27.6%	74.2%
1988-89	1987-88	42.7%	28.1%	70.8%
1989-90	1988-89	55.7%	20.2%	75.9%
1990-91	1989-90	54.0%	24.6%	78.6%
1991-92	1990-91	55.4%	26.4%	81.8%
1992-93	1991-92	55.7%	28.0%	83.7%
1993-94	1992-93	51.9%	26.3%	78.2%
1994-95	1993-94	51.8%	29.9%	81.7%
1995-96	1994-95	47.0%	33.0%	80.0%
1996-97	1995-96	53.7%	27.8%	81.5%
1997-98	1996-97	56.8%	26.3%	83.1%
1998-99	1997-98	58.6%	25.5%	84.1%
1999-00	1998-99	62.5%	18.8%	81.3%
2000-01	1999-00	66.7%	14.3%	81.0%

2001-02	2000-01	67.1%	14.8%	81.9%
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Figure 4 presents the data in Table N visually, showing that the percentage of newly certificated teachers placed both full-time and as substitutes leveled off during the 1990's at about 80 percent. Increases in full-time employment have been accompanied by decreases in fully certificated substitutes available for employment in districts. This is reflected in the increased use of emergency substitute certificates (see Part I).

Figure 4. Percentage of Newly Certificated Teachers Employed in 2001-2002



Endorsement Statistics

An endorsement on a teaching certificate indicates the subject area(s) or grade levels in which the certificate holder may teach. While applicants need qualify for only one endorsement for their first certificate, many qualify for multiple endorsements. The 2,811 persons completing initial teacher certification programs in 2000-2001 who responded to the survey completed 5,051 endorsements or approximately 1.8 endorsements per person. This is a significant reduction from the previous year, in which respondents reported more than 2 endorsements per person.

Table O lists endorsements held by individuals who were successful in securing contracted teaching positions—regardless of the endorsement area in which they were employed. All endorsements for each person are reported. For example, a teacher who has both art and history endorsements and accepts a position would be reported as hired for both endorsements. Endorsements with the highest percentages of employment were learning resources, middle level, health/fitness (all 100%) and physics (92.9%). In addition to endorsements such as math, the sciences, and special education (which traditionally enjoy high percentages of employment because of their shortage status), others with percentages exceeding 80% included marketing education, philosophy, economics, sociology, and early childhood education.

Table O. Rank Order of Endorsement Areas by Percentages of Persons Employed in Schools, 2001-2002

<u>Endorsement Area</u>	<u>Endorsements Reported</u>	<u>Number Employed in School Districts</u>	<u>Percentage Employed in School Districts</u>
Learning Resources	4	4	100.0%
Middle Level	14	14	100.0%
Health/Fitness	2	2	100.0%
Physics	28	26	92.9%
Science	76	68	89.5%
Chemistry	49	42	85.7%
Marketing Education	28	24	85.7%
Philosophy	7	6	85.7%
Mathematics	118	101	85.6%
Earth Science	32	27	84.4%
Special Education	255	214	83.9%
Economics	23	19	82.6%
Sociology	56	45	80.4%
Early Childhood Education	201	161	80.1%
Foreign Languages	152	121	79.6%
Early Childhood Special Ed	19	15	78.9%
Family & Cons Sci Ed	33	26	78.8%
Psychology	195	153	78.5%
Biology	123	96	78.0%
Technology Education	9	7	77.8%
			<u>Percentage</u>
<u>Endorsement Area</u>	<u>Endorsements Reported</u>	<u>Number Employed in School Districts</u>	<u>Employed in School Districts</u>
Speech	31	24	77.4%

Drama	29	22	75.9%
Eng/Language Arts	65	49	75.4%
Journalism	4	3	75.0%
English	290	217	74.8%
Music	51	38	74.5%
Elementary Education	1780	1314	73.8%
Political Science	34	25	73.5%
Anthropology	26	19	73.1%
Geography	11	8	72.7%
Business Education	40	29	72.5%
Agriculture	14	10	71.4%
Health	102	72	70.6%
History	285	198	69.5%
English-as-a-2d Language	72	49	68.1%
Reading	303	203	67.0%
Bilingual Education	24	16	66.7%
Traffic Safety	9	6	66.7%
Physical Education	123	82	66.7%
Instructional Technology	3	2	66.7%
Choral Music	21	13	61.9%
Social Studies	223	137	61.4%
Instrumental Music	16	9	56.3%
Religion	4	2	50.0%
Art	67	31	46.3%
Totals	5051	3749	74.2%

Although Table O provides some data about comparative demand for endorsements, a much clearer picture appears in Table P where only employment in the endorsement area is tabulated. Here, a teacher who has both art and history endorsements and accepts a position in art is listed as employed only in art. Less duplication in counting individuals occurs, but it is still found if the person was hired to teach in two areas.

Table P. Rank Order of Endorsement Areas by Percentages of Persons Employed in the Endorsement Area, 2001-2002

<u>Endorsement Area</u>	<u>Endorsements Reported</u>	<u>Number Employed</u>	
		<u>Within Endorsement</u>	<u>Percentage Employed Within Endorsement</u>
Health/Fitness	2	2	100.0%
Learning Resources	4	4	100.0%
Science	76	69	90.8%

<u>Endorsement Area</u>	<u>Endorsements Reported</u>	<u>Number Employed</u>	
		<u>Within Endorsement</u>	<u>Percentage Employed Within Endorsement</u>

Mathematics	118	85	72.0%
Technology Education	9	6	66.7%
Agriculture	14	9	64.3%
Elementary Education	1780	1128	63.4%
Music	51	31	60.8%
Business Education	40	21	52.5%
Special Education	255	129	50.6%
Religion	4	2	50.0%
English	290	117	40.3%
Eng/Language Arts	65	25	38.5%
Physical Education	123	47	38.2%
Family & Cons Sci Ed	33	12	36.4%
Chemistry	49	17	34.7%
Instructional Technology	3	1	33.3%
Biology	123	37	30.1%
Foreign Languages	152	45	29.6%
Middle Level	14	4	28.6%
Physics	28	8	28.6%
Drama	29	8	27.6%
Social Studies	223	58	26.0%
Instrumental Music	16	4	25.0%
Health	102	25	24.5%
Choral Music	21	5	23.8%
English-as-a-2d Language	72	17	23.6%
History	285	61	21.4%
Early Childhood Special Ed	19	4	21.1%
Early Childhood Education	201	42	20.9%
Art	67	12	17.9%
Bilingual Education	24	4	16.7%
Earth Science	32	5	15.6%
Speech	31	3	9.7%
Geography	11	1	9.1%
Anthropology	26	2	7.7%
Reading	303	22	7.3%
Political Science	34	2	5.9%
Psychology	195	9	4.6%
Economics	23	1	4.3%
Marketing Education	28	1	3.6%
Sociology	56	2	3.6%
Philosophy	7	0	0.0%
Journalism	4	0	0.0%
Traffic Safety	9	0	0.0%
Totals	5051	1004	19.9%

Placement Statistics by Racial/Ethnic Group

Based on the available data, 357 candidates who earned their first teaching certificates in Washington during the year 2000-2001 reported membership in minority groups (including "other"). This number was a slight decrease from last year's total, and represents 14 percent of those earning their first teaching certificates. Of these, 253 or 71 percent were employed as teachers, compared to 74 percent for the state's newly certificated teachers as a whole. Sixty two Asians, 58 Other, 57 Hispanics, 43 African Americans, and 33 Native Americans who earned certificates through Washington institutions in 2000-2001 were employed full-time as teachers. Forty percent of newly certificated teachers were male. Table Q presents detailed information on new teacher certification and employment by sex and race/ethnic group for those who completed programs during 2000-2001.

Table Q. Contracted and Substitute Employment in 2001-2002, by Racial/Ethnic Group, of Persons Certificated in 2000-2001

Categories:	Asian		Black		Caucasian		Hispanic		Native American		Other		Total
	M	F	M	F	M	F	M	F	M	F	M	F	
1 – Employed as a Teacher in state	14	41	11	29	368	1046	6	39	10	18	22	33	1637
2 – Employed as a Teacher out of state	1	6	1	2	52	112	2	10	2	3	0	3	194
3&4 – Employed as a Substitute teacher	3	8	3	4	132	214	5	9	4	11	2	11	406
5-12 – Nonteaching or unemployed	4	6	2	5	56	148	12	7	0	5	2	1	248
Totals:	22	61	17	40	608	1520	25	65	16	37	26	48	2485

Table R provides numerical data on a generally positive trend for the past 12 years in the number of minority group members receiving certificates. There were sharp increases in 1995-1996 and 1998-1999, a sharp decrease in 1999-2000, and only a slight decrease in 2000-2001.

Table R. Trends in Teacher Certification of Minority Group Members

	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-00	00-01
Asian	29	30	30	41	48	64	102	<u>66</u>	110	<u>82</u>	91	<u>83</u>
African American	17	18	18	20	<u>19</u>	42	75	<u>34</u>	46	58	<u>49</u>	57
Hispanic	27	41	41	44	58	<u>49</u>	<u>44</u>	77	85	107	<u>94</u>	<u>90</u>
Native American	<u>7</u>	14	23	26	31	<u>23</u>	44	48	<u>39</u>	<u>30</u>	45	53
Other	0	0	0	0	0	0	34	115	<u>76</u>	241	<u>86</u>	<u>74</u>
Total Minority	80	103	112	131	156	178	299	330	356	518	<u>365</u>	<u>357</u>
% Increase	45%	29%	9%	17%	19%	14%	68%	10.4%	7.9%	45.5%	-30%	-2.2%

Underlined numbers indicate a decrease from the previous year.

Figure 5 presents data on newly certificated teachers who were members of minority groups as a percentage of total teaching certificates issued. This percentage has risen from 1.8 percent of the total number certificated in 1987-88 to a high of nearly 16 percent two years ago. The 2000-2001 figure (14 percent) marked the fifth year in a row in which it exceeded ten percent.

Figure 5. Percentage of Teaching Certificates Issued to Minorities

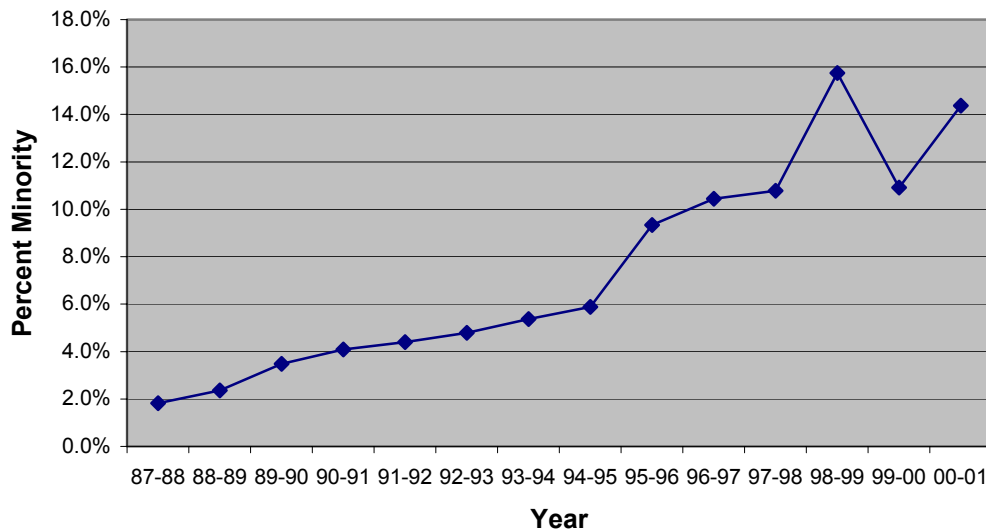


Figure 6 shows a proportional view of the number of members of specific minority groups earning certificates over the previous thirteen years. The six-year period ending

in 2001 demonstrated a sustained and significant increase in certification of minority group members over previous years.

Figure 6. Number of Minority Group Members Earning Certificates

