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FOREWORD

In the past few decades, new socio-economic indicators have been developed in Korea in order to adequately reflect the dramatic changes in many spheres of the society. These indicators have been widely utilized by researchers and general users. Also, these indicators have helped policy makers to establish right policies for the nation, thereby contributing to the increase of national competitiveness and the quality of life of the people.

The need to develop comparable indicators in the field of vocational education and training(VET) in Korea did not go unnoticed. Right after her launching, KRIVET initiated a study called 'Basic Research to Develop Vocational Education and Training Indicators' in 1998. The result of the study has been published in April, 1999, in a book titled "Vocational and Training Indicators in Korea, 1998." However, due to the limit in time and raw data, the book mostly focused on reconstructing existing data on vocational education and training. This book "Vocational Education and Training Indicators in Korea, 1999" is made with an effort to revise the system of VET indicators established in 1998 and to reinforce the international comparison part. The VET indicators in the field of international comparison are prepared based on the standard of international indicators set by OECD.

We hope the data and statistics included in this book will be utilized as valuable data resources for policy makers, vocational education and training professionals, administrators, researchers, and the general public. We will make continuous efforts to improve and supplement the vocational education and training indicators, and to develop new indicators for new areas. We ask the reader and user of this book for continued interest and comments, which we will reflect on our next edition of vocational education and training indicators.

Last but not least, we thank every project team member in their efforts. Special thanks goes to our research assistants in their exhaustive efforts of entering the extensive list of data.



Mu-Keun Lee
President, KRIVET

How to Read the Book

1. The data included in this book is based on the statistics released by government agencies and major research institutions in Korea. Data sources are included at the bottom of each table.
2. The overall structure of the indicators and the order of the statistical tables included in this book reflect the results of the project 『Basic Research for Vocational Education and Training Indicators』 (1998). Due to the lack of available data and editing difficulties, some deviation from the guidelines was necessary.
3. Most individual indicator items are shown in both table and graph. However, some including international comparison indicators on VET are shown only in table. To denote a graph which is connected to a specific table, G is attached to the serial number of the table.
4. Statistical tables, whenever possible, include data information that goes as far back as 1980. In other cases, data collection for the indicator items started in the earliest year on the tables.
5. Some of the numerical information shown in the tables, particularly percentages and population statistics, do not add up to the total due to rounding errors. (In most cases, the numbers are rounded to the second place below the decimal point.)
6. Among the types of vocational high school(ex: Table # 3-2), the category 'comprehensive' indicates schools having both vocational and general education programs, and the category 'vocational' indicates schools comprised of general, technical, commercial and home economics departments.
7. The name for polytechnic universities have been changed from industrial junior colleges to industrial universities (1981, May), and to polytechnic colleges in December, 1991. Due to the changes, the data on polytechnic universities (ex; Table 2-1) are missing in the previous years.
8. The note (-) on the statistical tables indicates that the pertinent data is missing.
9. All the questions and comments for the data included in the book should be addressed directly to the institutions which originally released the statistics, or to the manager of Publication & Marketing Team at KRIVET.

- Phone : 02) 3485-5051
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I. Overview of the Vocational Education & Training Indicators

1. Definition

The VET indicators included in this book represent the current status of vocational education and training in Korea. The book is an attempt to capture the general status of VET in Korea, and to evaluate how closely the current status meets the original purpose and goal of the vocational education and training.

2. Function

This book aims to accomplish the following functions ;

- (1) Measuring the current status of VET in Korea and reporting the outcomes of VET
- (2) Capturing and forecasting the changes in VET
- (3) Measuring and evaluating the goal, the process, and results of VET policies

3. Scope

The VET indicators include the following areas.

(1) Vocational Education

Vocational education refers to the vocational education programs at the level of upper secondary education and higher education offered in regular schools as specified by the industrial education promotion act and other laws of vocational education. The details are shown in <Figure 1>.

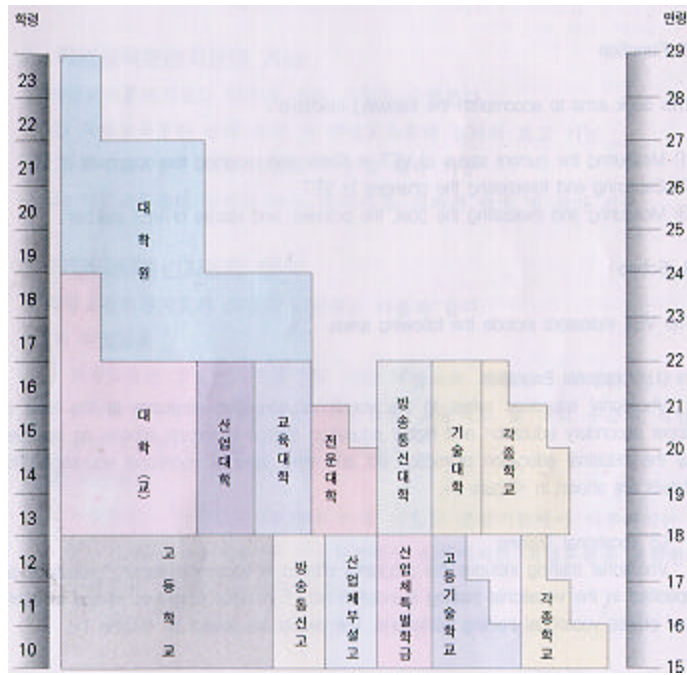
(2) Vocational Training

Vocational training includes the programs offered in vocational training institutions as specified in the vocational training foundation act. It includes programs offered in public and private vocational training institutions. The details are shown in <Table 1>.

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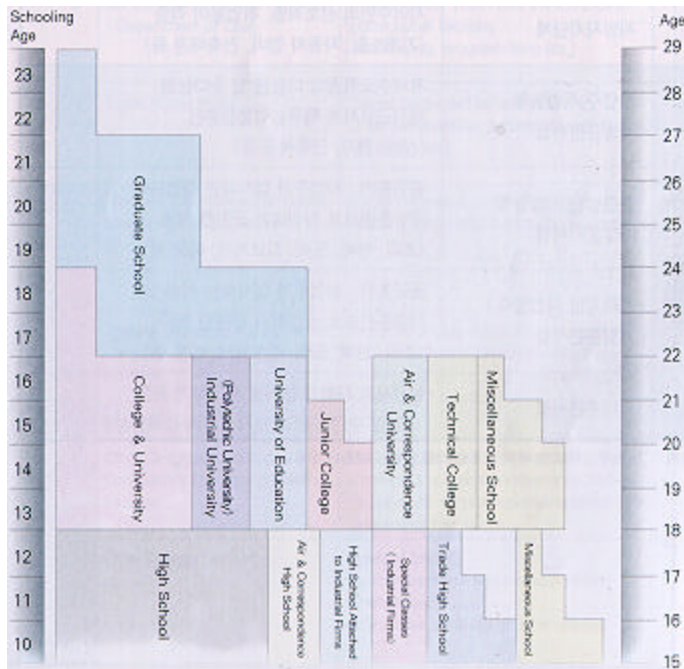
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(3) Other Vocational Education and Training

Other vocational education and training includes programs offered in vocational education and training institutions other than those specified in (1) and (2).

Examples are vocational education and training programs offered in university continuing education centers, private institutes, and vocational training programs administered by authorities other than the ministry of education (MOE) and the ministry of labor (MOL).

<Figure 1> SCHOOL SYSTEM



Source : Ministry of Education, Statistical Yearbook of Education, 1999

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<Table 1> Vocational Training

public training	Public Organizations - Korea Manpower Agency - Korean Chamber of Commerce & Industry - Korea Employment Promotion for the Disabled	- Trades in demand by all industries (metal and machine processing, fine machineries) - Trades for export-oriented industries (jewelry processing, dying, weaving) - Training of Skilled Workers (Electronic Appliance Machines)
	Central Governmental Agencies - Department of Law	Trades for the youth and the inmates in correctional facilities (bricklaying, woodworking etc.)
	Local Autonomies	Trades demended by local industries (machine assembly, automobile repairs, building pipelining etc.)
private training	Employer's Vocational Competency Developing Training Facilities (EVCDT)	Trades in demand by the companies (shelving, electronics, construction woodworking, etc.)
	Training Cooperation's Vocational Competency Developing Training Facilities	Trades not included in public training and employer's vocational competency training (cooking, off-set printing, wallpapering, data processing, hair-salons)
	Other Designated Vocational Competency Developing Training Facilities	Trades not included in public training and employer's vocational competency training (cooking, off-set printing, wallpapering, data processing, hair-salons)
	Other Traning Facilities	Types of training - to improve the re-employability of the unemployed - to improve job ability of the employed

Source : Ministry of Labor, Yearbook of Vocational Training, 1999. 8

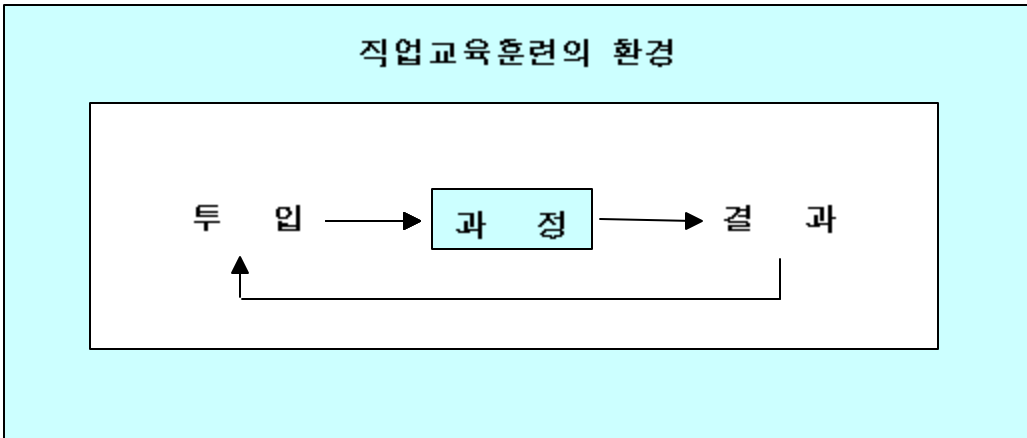
(system approach model)"

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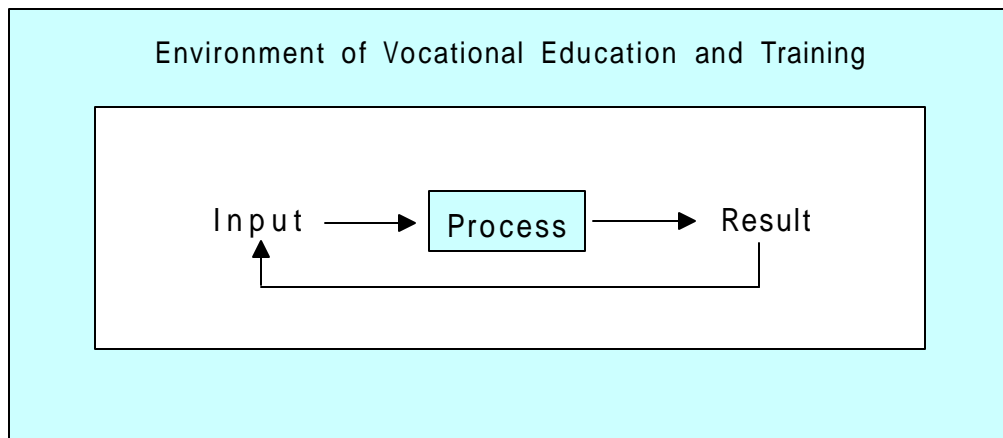


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II. The System of Vocational Education and Training Indicators

The system of VET indicators is established based on the "system's approach model". As shown in the <Figure 2>, the system is largely divided into the area of vocational education and training which is the inner part, and the environment which comprised the outer part of VET. The inner part is further divided into categories of input, process, and result. Altogether, the environment, input, process, and the result constitute a system of vocational education and training and, at the same time, the goal areas of vocational education and training indicators. Each goal area is comprised of related areas of concern, and each area of concern is comprised of areas of sub-concern. Areas of concern and areas of sub-concern are as shown in <Table 2>. This framework is extended to the area of international comparison. The part of international comparison, which is an additional goal area, is also comprised of environment, input, process, and result.

<Figure 2> System of Vocational Education and Training indicator



(1) The Environment of VET Indicators

The area of environment covers the factors surrounding vocational education and training and concerns the political, economic, social, and cultural backdrops for vocational education and training to take place.

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OECD, ILO, UNESCO

(2) The Input of VET Indicators

The area of input includes the factors related to the support of vocational education and training. It covers human, physical and financial resources needed for vocational education and training.

(3) The Process of VET Indicators

The area of process represents the organization of vocational education and training, and the distribution and conversion process of the input factors. It explains the process vocational education and training takes place and the resources invested turn into results.

(4) The Result of VET Indicators

The area of result shows the effect and outcome of vocational education and training. It provides the data based on which the outcomes of vocational education and training are evaluated and a new standard is established.

(5) International Comparison of VET Indicators

In the era of globalization, the area of international comparison compares the level of vocational education and training in Korea with those of leading countries. This area represents the level of international competitiveness of Korea in terms of human resource development. This area, based on system approach, is comprised of environment, input, process, and result. The indicators on this area are prepared based on the international standards of major international organizations such as OECD, ILO, and UNESCO.

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<Table 2> Table of Vocational Education and Training Indicator System

Goal	Concerns
1. Environment	1-1. Demographics
	1-2. Socio-Economic Structure
	1-3. Labor Markets
	1-4. Vocational Consciousness
2. Input	2-1. Opportunities
	2-2. Facilities
	2-3. Administration / Finance
3. Process	3-1. Structure
	3-2. Students / Trainees
	3-3. Teachers
	3-4. Learning Process
	3-5. Career Guidance
4. Result	4-1. Graduation
	4-2. Earnings
	4-3. Qualification
	4-4. Achievement
5. International Comparison	5-1. Environment
	5-2. Input
	5-3. Process
	5-4. Result

Contents

How to Read the Book	
Overview of the Vocational Education & Training Indicators	
The System of Vocational Education and Training Indicators	
1. Environment of Vocational Education and Training	
1-1. Distribution of School-Age Population	9
1-2. Average Years of Education by Sex and Age	10
1-3. Economically Active Population & Labor Force Participation Rate	11
1-4. Distribution of the Employed by Age & Sex	12
1-5. Distribution of the Employed by Industry	13
1-6. Production Structure	14
1-7. GDP Research & Development Expenditures in GDP	15
1-8. Distribution of the Employed by Occupation	16
1-9. Distribution of the Employed by Worker Status	17
1-10. Monthly Wages by Industry	18
1-11. Wage Differences by Educational Attainment	20
1-12. Wages by Establishment Size	21
1-13. Average Working Hours per Week by Sex and Industry	22
1-14. Average Working Days per Month by Industry	23
1-15. Employees and Regular Employees in Total Employment	24

1-16.	Rate of Employment by Industry	25
1-17.	Separation Rate by Industry	26
1-18.	The Unemployed by Age	27
1-19.	Unemployment Rate by Age & Sex	28
1-20.	Unemployment Rate by Educational Attainment & Sex	29
1-21.	Satisfaction with Selected Working Conditions by Sex & Occupation	30
1-22.	Determinants of Job Selection by Sex & Educational Attainment	32
1-23.	Labor Productivity Indexes	33

2. Input of Vocational Education and Training

2-1.	Number of Vocational School Entrants by Education Level	37
2-2.	Vocational High School Entrants by Field of Study	38
2-3.	Junior College Entrants by Field of Study	39
2-4.	Annual Participation in Adult Learning Programs (by Sex, Educational Attainment, and Occupation), 1996	40
2-5.	Number of Students per Class in Vocational High Schools by School Type	42
2-6.	Number of Students per Classroom in Vocational High Schools by School Type	44
2-7.	Number of Students per Computer (Vocational High Schools vs. General High Schools)	46
2-8.	Library Books per Student in Junior Colleges & Industrial Universities	47
2-9.	Size of Classroom per Student in Junior Colleges & Industrial Universities	48

2-10.	Expenditures on Vocational Education in MOE Budget	49
2-11.	Annual Cost and Annual Practice Cost per Student in Polytechnic Colleges & Vocational Training Institutes	50
3. Process of Vocational Education and Training		
3-1.	Number of Vocational Schools by Education Level	55
3-2.	Number of Vocational High Schools by School Type	56
3-3.	Number of Vocational Training Institutions and Trades	58
3-4.	Number of Public Vocational Training Institutions by Governmental Agency	60
3-5.	Number of Private Institutes	61
3-6.	Number of Vocational School Students by Education Level	62
3-7.	Enrollment in Vocational High Schools by Field of Study	64
3-8.	Ratio of Vocational High School Students to General High School Students	66
3-9.	Junior College Students by Field of Study	67
3-10.	Number of Vocational Trainees	68
3-11.	Number of Vocational Trainees by Training Field	69
3-12.	Number of Vocational Trainees by Skill Level	70
3-13.	Attendants of Private Institutes by Field	71
3-14.	Discontinuation of Study among Vocational High School Students by Reason	72
3-15.	Annual Mobility of Junior College Students	73
3-16.	Number of Students per Teacher by Vocational Education Level	74
3-17.	Number of Students per Teacher in Vocational High Schools by School Type	76
3-18.	Provision Rates of Teachers by Vocational Education Level	78

3-19.	.....	79
Seperation Rates of Teachers by Vocational Education Level		
3-20.	1	80
Number of Students & Teachers per Supportive Staff by Vocational Education Level		
3-21.	.....	82
Number of Private Institute Instructors by Field		
3-22.	.....	83
Vocational High School Teachers by Educational Background		
3-23.	.....	84
Vocational High School Teachers in Charge of the Licenced Subject		
3-24.	.....	85
Type of Degrees Held by Faculty Members in Junior Colleges		
3-25.	.....	86
Type of Degrees Held by Faculty Members in Industrial Universities (Polytechnic Universities)		
3-26.	.....	87
Number of Employment Security Offices		
3-27.	.....	88
Job Placement Rate Type of Employment Security Offices		
4.		
Result of Vocational Education and Training		
4-1.	.....	91
Number of Graduates by Vocational Education Level		
4-2.	.....	92
Vocational High School Graduates by School Type		
4-3.	.....	94
Junior College Graduates by Field of Study		
4-4.	.....	96
Graduates from Private Institutes by Field		
4-5.	.....	98
Advancement Rate of Vocational School Graduates to the Higher Educational Institutions		
4-6.	.....	100
Advancement Rate of Vocational High School Graduates to the Higher Educational Institutions		
4-7.	.....	101
Advancement Rate of Junior College Graduates to the Higher Educational Institutions		

4-8.	Advancement Rate of Industrial University Graduates to the Higher Educational Institutions	102
4-9.	Employment Rates of Graduates by Vocational Education Level	103
4-10.	Employment Rates of Vocational School Graduates	104
4-11.	Employment Rates of Polytechnic College & V.T.I. Graduates	105
4-12.	User Evaluation of Formal Education	106
4-13. 가	Registrants of National Technical Qualifications by Qualification Category	108
4-14. 가	National Technical Qualifications Acquired by Vocational High School Students	109
4-15. 가	National Technical Qualifications Acquired by Junior College Students	110
4-16. 가	National Technical Qualifications Acquired by Polytechnic College Students & VTI Students	112
4-17-1.	(1998) Outcomes of Vocational Training, 1998	114
4-17-2.	(1999) Plan of Vocational Training, 1999	115
4-18-1.	(1998) Outcomes of Vocational Training for the Unemployed, 1998	116
4-18-2.	(1999) Plan of Vocational Training for the Unemployed, 1999	117
4-19.	(1998) Number of Vocational Trainees by Type of VTIs, 1998	118
4-20.	(1998) Course Completion & Job Placement by Type of Vocational Training, 1998	119
4-21.	Funding of Vocational Competency Development Project	120
5. International Comparison of Vocational Education and Training		
5-1. 1	GDP per Capita	123
5-2. GDP	(1994) Expenditures on Education and R&D to GDP, 1994	124

5-3.	가	.....	125
	Economically Active Population & Labor Force Participation Rate		
5-4.		.....	126
	Composition of the Employed by Industry		
5-5.	(1995)	.....	127
	Average Expected Years of Formal Education, 1995		
5-6.	25-64	(1995-1996).....	128
	Gender Differences in Educational Attainment among the Aged 25-64, 1995-1996		
5-7.		.....	129
	Unemployment Rate		
5-8.		(1996).....	130
	Employment Rate of Youth by Educational Level and Age Group, 1996		
5-9.		(1996).....	132
	International Comparison of Education and Employment of the Youth (Aged 15-29), 1996		
5-10.		(1996).....	134
	Unemployment Rates of Youth by Educational Level and Age Group, 1996		
5-11.	25-64	(1995).....	136
	Expected Years of Unemployment over a Working Lifetime by Level of Educational Attainment for Men Aged 25-64, 1995		
5-12.		().....	137
	Average Working Hours per Week in Manufacturing Industry		
5-13.	1	.....	138
	Number of Students per Teacher		
5-14.	25-64	(1996).....	139
	Distribution of the Population Aged 25 to 64 by Educational Level, 1996		
5-15.	25-64	(1996).....	140
	Distribution of the Labor Force Aged 25 - 64 by Educational Level, 1996		
5-16.		(1995).....	141
	Human Development Index, 1995		
Appendix			
		.....	144
	Formulars		

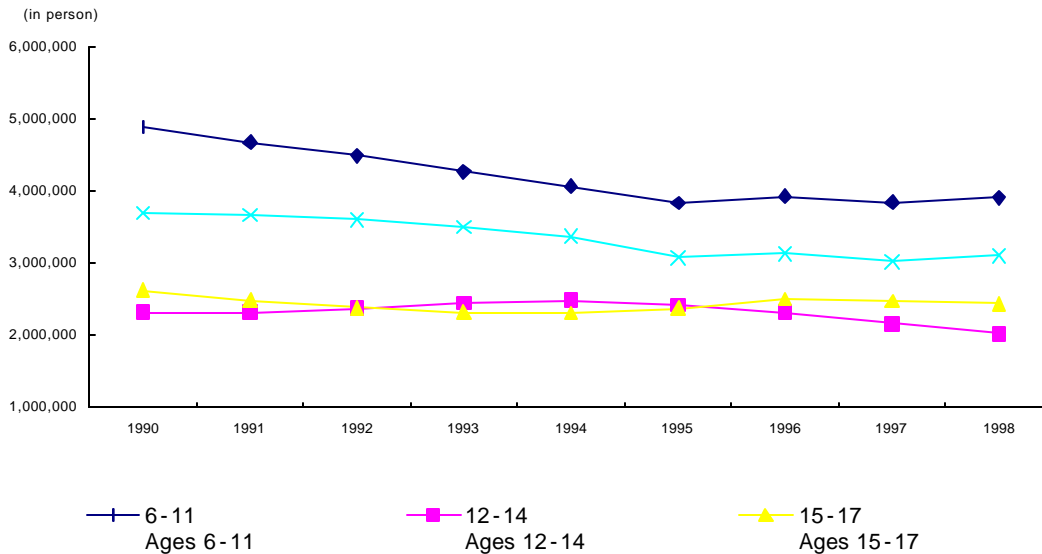
1-1.
Distribution of School-Age Population

	In person							
	6 - 11 Ages		12 - 14 Ages		15 - 17 Ages		18 - 21 Ages	
	Total	Female	Total	Female	Total	Female	Total	Female
1980	5,499,265	2,646,349	2,599,386	1,255,111	2,670,705	1,285,237	3,631,634	1,753,973
1985	4,862,906	2,353,645	2,780,223	1,347,679	2,708,942	1,313,893	3,394,665	1,640,240
1990	4,876,801	2,358,682	2,312,263	1,123,644	2,618,360	1,280,426	3,690,170	1,780,091
1991	4,662,554	2,248,883	2,313,018	1,118,300	2,481,058	1,200,170	3,658,231	1,774,392
1992	4,481,734	2,157,970	2,363,981	1,143,523	2,378,830	1,150,191	3,600,032	1,747,045
1993	4,265,756	2,050,544	2,438,089	1,180,007	2,311,165	1,117,951	3,493,266	1,694,347
1994	4,057,704	1,945,012	2,479,888	1,200,682	2,302,398	1,114,359	3,358,497	1,627,387
1995	3,824,982	1,829,759	2,414,491	1,166,369	2,371,503	1,150,797	3,070,349	1,476,018
1996	3,914,706	1,850,381	2,312,164	1,136,235	2,497,547	1,208,287	3,124,101	1,510,715
1997	3,836,160	1,816,277	2,157,944	1,038,973	2,469,001	1,196,411	3,012,794	1,488,669
1998	3,900,665	1,838,845	2,012,965	966,345	2,433,946	1,178,633	3,097,238	1,501,286

Source : Korea Education Development Institute,
Educational Indicators in Korea, 1997.
National Statistical Office,
The Future Estimated Population, 1996.

Source : Korea Education Development Institute,
Educational Indicators in Korea, 1997.
National Statistical Office,
The Future Estimated Population, 1996.

1-1G.
Distribution of School-Age Population



1-2. .
Average Years of Education by Sex and Age

In years

	Average	6-19 Ages	20-29 Ages	30-39 Ages	40-49 Ages	50 Ages 50 & Over
1975	6.62	6.16	8.83	8.12	6.56	2.74
Male	7.61	6.26	9.25	9.33	7.90	4.02
Female	5.70	6.08	8.41	6.88	4.75	1.72
1980	7.61	6.53	9.88	9.17	7.52	4.16
Male	8.67	6.60	10.33	10.19	9.01	5.03
Female	6.63	6.10	9.44	8.10	5.95	2.25
1985	8.58	6.71	10.96	10.12	8.52	4.55
Male	9.66	6.71	11.34	10.93	9.88	6.49
Female	7.58	6.71	10.61	9.28	7.14	3.08
1990	9.54	7.74	12.03	11.09	9.52	5.53
Male	10.55	7.70	12.26	11.78	10.64	7.56
Female	8.58	7.79	11.81	10.37	8.35	3.92
1995	10.25	6.97	12.70	12.13	10.51	6.46
Male	11.18	6.74	12.70	12.69	11.39	8.52
Female	9.37	7.22	12.70	11.56	9.58	4.81

Source : National Statistical Office,
Population & Housing Census, various years.

1-3. 가 Economically Active Population & Labor Force Participation Rate

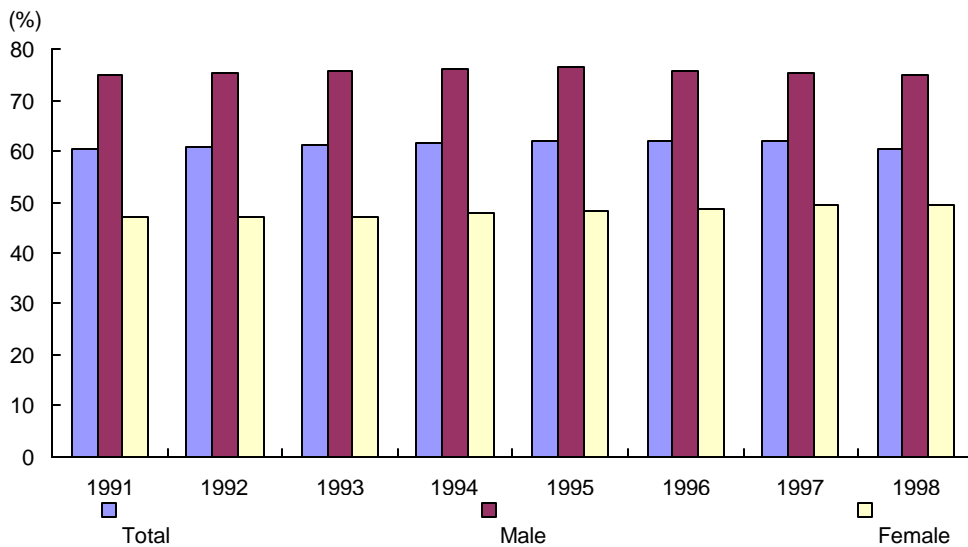
Year	Population 15 years old and over	Economically Active Population	Labor Force Participation Rate (In 1,000 persons, %)		
			Total	Male	Female
1980	24,463	14,431	59.0	76.4	42.8
1985	27,553	15,592	56.6	72.3	41.9
1990	30,887	18,539	60.0	74.0	47.0
1991	31,422	19,048	60.6	74.9	47.3
1992	31,898	19,426	60.9	75.5	47.3
1993	32,400	19,803	61.1	76.0	47.2
1994	32,939	20,326	61.7	76.4	47.9
1995	33,558	20,797	62.0	76.5	48.3
1996	34,285	21,243	62.0	76.1	48.7
1997	34,842	21,662	62.2	75.6	49.5
1998	35,362	21,456	60.7	75.2	49.5

Source : National Statistical Office, Social Indicators in Korea, 1998.

Source : National Statistical Office, Social Indicators in Korea,

Annual Report on Economically Active Population Survey, various years.

1-3G. 가 Labor Force Participation Rate by Sex



1-4. 가 Distribution of the Employed by Age & Sex

: %

%

	Total		15 - 19 Ages		20 - 24 Ages		25 - 29 Ages		30 - 39 Ages		40 - 49 Ages		50 - 59 Ages		60 Above	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1989	73.4	46.6	11.7	18.7	60.2	63.6	90.8	42.9	97.0	52.9	94.5	62.3	86.6	57.2	49.1	25.8
1990	74.0	47.0	10.8	18.7	60.2	64.6	91.9	42.6	97.1	53.2	95.0	62.2	87.6	57.5	49.9	26.4
1991	74.9	47.3	11.2	18.8	59.8	65.9	92.1	42.6	97.2	53.7	95.5	61.1	88.4	57.4	50.7	26.5
1992	75.5	47.3	11.7	17.4	58.2	65.3	91.3	44.1	97.1	52.3	95.9	60.7	88.6	57.8	53.2	27.8
1993	76.0	47.2	10.5	16.7	56.5	64.5	90.7	44.5	97.1	52.9	95.7	61.9	88.4	55.7	52.3	26.8
1994	76.4	47.9	10.4	15.5	58.2	64.6	90.2	45.6	96.9	53.9	95.8	62.8	88.2	56.5	53.8	28.0
1995	76.5	48.3	9.3	14.5	57.9	66.1	89.7	47.8	97.0	53.2	96.0	63.8	87.9	56.4	54.2	28.9
1996	76.1	48.7	8.7	13.4	58.1	66.0	88.5	51.0	96.9	54.6	96.1	64.1	87.9	55.5	54.6	29.3
1997	75.6	49.5	8.6	13.0	56.9	66.4	88.1	54.1	96.8	55.8	95.5	65.0	88.2	56.1	54.9	30.3
1998	75.2	47.0	9.2	12.0	54.3	61.0	86.9	51.8	96.3	53.1	94.8	62.7	87.1	53.1	52.1	28.1

: , 1998.

Source : National Statistical Office, *Social Indicators in Korea*, 1998.
Annual Report on the Economically Active Population Survey, various years.

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Distribution of the Employed by Industry

: , %

In 1,000 persons, %

	Agriculture, Forestry & Fishery	%	Mining & Manufacturin	%	Mining	Manufac- turing	SOC & Other Services	%	Construction	Wholesale and Retail Trade, Restaurant & Hotels	Transport, Storage & Communi- cations	Community, Social & Personal Services
1980	4,654	34.0	3,079	22.5	124	2,995	5,951	43.5	843	2,625	619	332
1985	3,733	24.9	3,659	24.4	155	3,504	7,578	50.6	911	3,377	701	563
1990	3,237	17.9	4,990	27.6	79	4,911	9,858	54.5	1,346	3,935	923	945
1991	3,064	16.5	5,061	27.2	66	4,994	10,487	56.3	1,550	4,086	983	1,023
1992	2,998	15.8	4,923	25.9	64	4,860	11,111	58.4	1,663	4,433	1,641	3,374
1993	2,849	14.7	4,730	24.5	53	4,677	11,750	60.8	1,689	4,852	1,714	3,496
1994	2,731	13.7	4,754	23.9	40	4,714	12,420	62.4	1,781	5,207	1,763	3,671
1995	2,534	12.4	4,508	23.6	27	4,797	13,074	64.0	1,905	5,378	1,859	3,933
1996	2,429	11.7	4,715	22.6	23	4,692	13,673	65.7	1,971	5,643	1,927	4,132
1997	2,385	11.3	4,508	21.4	26	4,482	14,213	67.3	2,004	5,805	2,000	4,404
1998	2,480	12.4	3,919	19.6	21	3,898	13,595	68.0	1,578	5,571	1,992	4,453

: , , 1999.

Source : National Statistical Office, *Social Indicators in Korea*, 1999.

1) 1992

After 1992, the new classification system of industries is applied.

1-6. Production Structure

: %

%

Year	가											가		
	Industri es	Agri. Forestry & Fishery	Minin g	Manufac - turing	Electricity, Gas & Water	Constructi on	Wholesale & Retail Trade, Restauran ts & Hotels	Tranport, Storage & Commun ication	Finance, Insurance, & Real Estate & Business Services	Community, Social & Personal Services	Producers of Governmen t Services	Producers of Non-Profit Services to Households	Import Duties	Imputed Bank Service Change s
1980	89.0	14.7	1.5	28.2	2.1	8.0	13.3	7.6	11.1	2.5	7.6	1.9	4.9	3.4
1985	89.3	12.5	1.1	29.3	3.0	7.6	13.6	7.3	11.5	3.4	7.2	2.4	3.9	2.7
1990	90.3	8.5	0.8	28.8	2.1	11.4	13.4	6.7	14.7	3.9	7.4	2.0	3.9	3.5
1991	90.8	7.6	0.7	29.0	2.0	12.6	13.0	6.6	15.2	4.0	7.4	1.9	3.3	3.4
1992	91.1	7.4	0.6	28.7	2.1	12.0	12.8	6.7	16.5	4.3	7.7	2.0	3.0	3.8
1993	90.9	6.7	0.5	28.8	2.2	12.0	12.6	6.6	17.1	4.4	7.7	2.0	2.7	3.4
1994	90.9	6.5	0.5	29.0	2.2	11.2	12.6	6.6	17.7	4.5	7.6	2.1	2.8	3.4
1995	91.1	6.2	0.5	29.4	2.1	11.3	12.5	6.6	18.1	4.6	7.4	2.1	3.1	3.8
1996	90.8	5.8	0.4	28.9	2.1	11.6	12.0	6.6	18.6	4.8	7.6	2.3	3.2	3.9
1997	90.5	5.4	0.4	28.9	2.1	11.6	11.4	6.6	19.1	5.0	7.6	2.4	3.4	3.9
1998	90.5	4.9	0.4	30.7	2.3	10.1	10.6	6.9	19.6	5.0	8.0	2.5	2.8	3.9

: , , 1999.

Source : National Statistical Office, *Major Statistics of Korean Economy*, 1999.

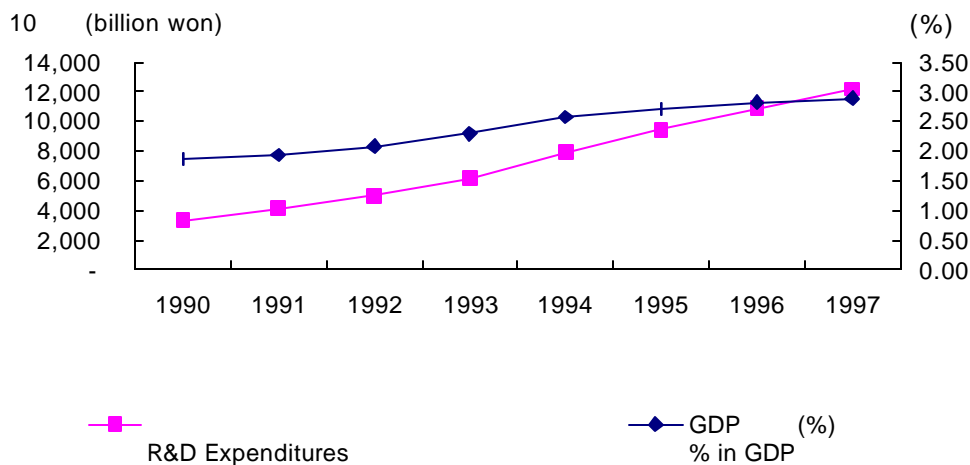
1-7. GDP Research & Development Expenditures in GDP

	Number of R & D Organizations (In Estab)				R & D Personnel (In Persons)	R & D Expenditures (In Billion Won)	GDP (%) % in GDP
	Total	R & D Institutes	College Univ.	Companies			
1980	647	124	202	321	18,434	183	0.74
1985	1,291	119	217	928	41,473	1,237	1.51
1990	2,105	167	220	1,718	70,503	3,350	1.87
1991	2,351	187	221	1,943	76,252	4,158	1.93
1992	3,106	212	237	2,657	88,764	4,989	2.08
1993	3,318	210	244	2,864	98,764	6,153	2.30
1994	2,640	217	244	2,179	117,446	7,895	2.58
1995	2,587	178	257	2,152	128,315	9,441	2.71
1996	2,856	163	258	2,435	132,023	10,878	2.82
1997	2,962	184	271	2,507	138,438	12,186	2.89 ³⁾

Source : Ministry of Science & Technology,
Science & Technology Annual, various years.

- 1) 1985 가 Starting from 1985, medical institutions with R & D activities are included in total R & D organizations.
- 2) R & D expenditures in social sciences and humanities are excluded.
- 3) 1997 GDP The ratio to GDP in 1997 is a provisional value.

1-7G. GDP Research & Development Expenditures in GDP



1-8. Distribution of the Employed by Occupation

: , %

In 1,000 persons, %

	Total Employed Persons	Pro., Tech., Adm., Managers		Clerks		Services & Sales Workers		Agri., Forestry & Fishery Workers		Craft, Machine Operators & Assemblers	
		Number	%	Number	%	Number	%	Number	%	Number	%
1980	13,706	730	5.3	1,266	9.2	3,068	22.4	4,652	33.9	3,990	29.1
1985	14,935	1,087	7.3	1,723	11.5	3,927	26.3	3,675	24.6	4,522	30.3
1990	18,085	1,575	8.7	2,352	13.0	4,645	25.7	3,216	17.8	6,298	34.8
1991	18,677	1,720	9.2	2,487	13.3	4,875	26.1	3,036	16.3	6,558	35.1
1992	19,033	1,907	10.0	2,739	14.4	5,015	26.3	2,974	15.6	6,397	33.6
1993	19,328	1,981	10.2	2,898	15.0	5,450	28.2	2,823	14.6	6,176	32.0
1994	19,837	3,074	15.5	2,433	12.3	4,288	21.6	2,671	13.5	7,370	37.2
1995	20,377	3,336	16.4	2,510	12.3	4,464	21.9	2,511	12.3	7,556	37.1
1996	20,817	3,529	17.0	2,568	12.3	4,688	22.5	2,319	11.1	7,714	37.1
1997	21,106	3,687	17.5	2,572	12.2	4,868	23.1	2,273	10.8	7,706	36.5
1998	19,994	6,741	18.7	2,418	12.1	4,736	23.7	2,364	11.8	6,741	33.7

: , , 1997.

Source : National Statistical Office, *Social Indicators in Korea, 1997.*
Annual Report on the Economically Active Population Survey, various years.

1-9.
Distribution of the employed by Worker Status

: (%)

In 1,000 persons, (%)

	Unpaid Workers				Wage & Salary Workers			
	Total Employed Persons	Self-Employed	Non paid-Family Workers	Sub Total	Regular Employees	Temporary Employees	Daily Workers	Sub Total
1980	13,706	4,645(33.9)	2,577(18.8)	7,222(52.7)	4,171(30.4)	1,013(7.4)	1,301(9.5)	6,485(47.3)
1985	14,935	4,663(31.2)	2,132(14.3)	6,795(45.5)	5,081(34.0)	1,622(10.9)	1,386(9.3)	8,089(54.2)
1990	18,085	5,068(28.0)	2,067(11.4)	7,135(39.5)	5,938(32.8)	3,171(17.5)	1,840(10.2)	10,949(60.5)
1991	18,677	5,236(28.0)	2,036(10.9)	7,272(38.9)	6,294(33.7)	3,275(17.5)	1,836(9.8)	11,405(61.1)
1992	19,033	5,421(28.5)	1,993(10.5)	7,414(39.0)	6,617(34.8)	3,223(16.9)	1,778(9.3)	11,618(61.0)
1993	19,328	5,451(28.2)	2,084(10.8)	7,535(39.0)	6,929(35.8)	3,139(16.2)	1,725(8.9)	11,793(61.0)
1994	19,905	5,542(27.8)	2,037(10.2)	7,579(38.1)	7,131(35.8)	3,421(17.2)	1,773(8.9)	12,325(61.9)
1995	20,432	5,694(27.9)	1,955(9.6)	7,649(37.4)	7,429(36.4)	3,545(17.4)	1,809(8.9)	12,783(62.6)
1996	20,817	5,811(27.9)	1,941(9.3)	7,752(37.2)	7,401(35.6)	3,860(18.5)	1,804(8.7)	13,065(62.8)
1997	21,106	5,981(28.3)	1,899(9.0)	7,880(37.3)	7,151(33.9)	4,182(19.8)	1,892(9.0)	13,225(62.7)
1998	19,994	5,776(28.9)	2,208(10.1)	7,804(39.0)	6,457(32.3)	3,998(20.0)	1,735(8.7)	12,190(61.0)

Source : National Statistical Office,
Annual Report on the Economically Active Population Survey, various years.

1-10.

Monthly Wages by Industry

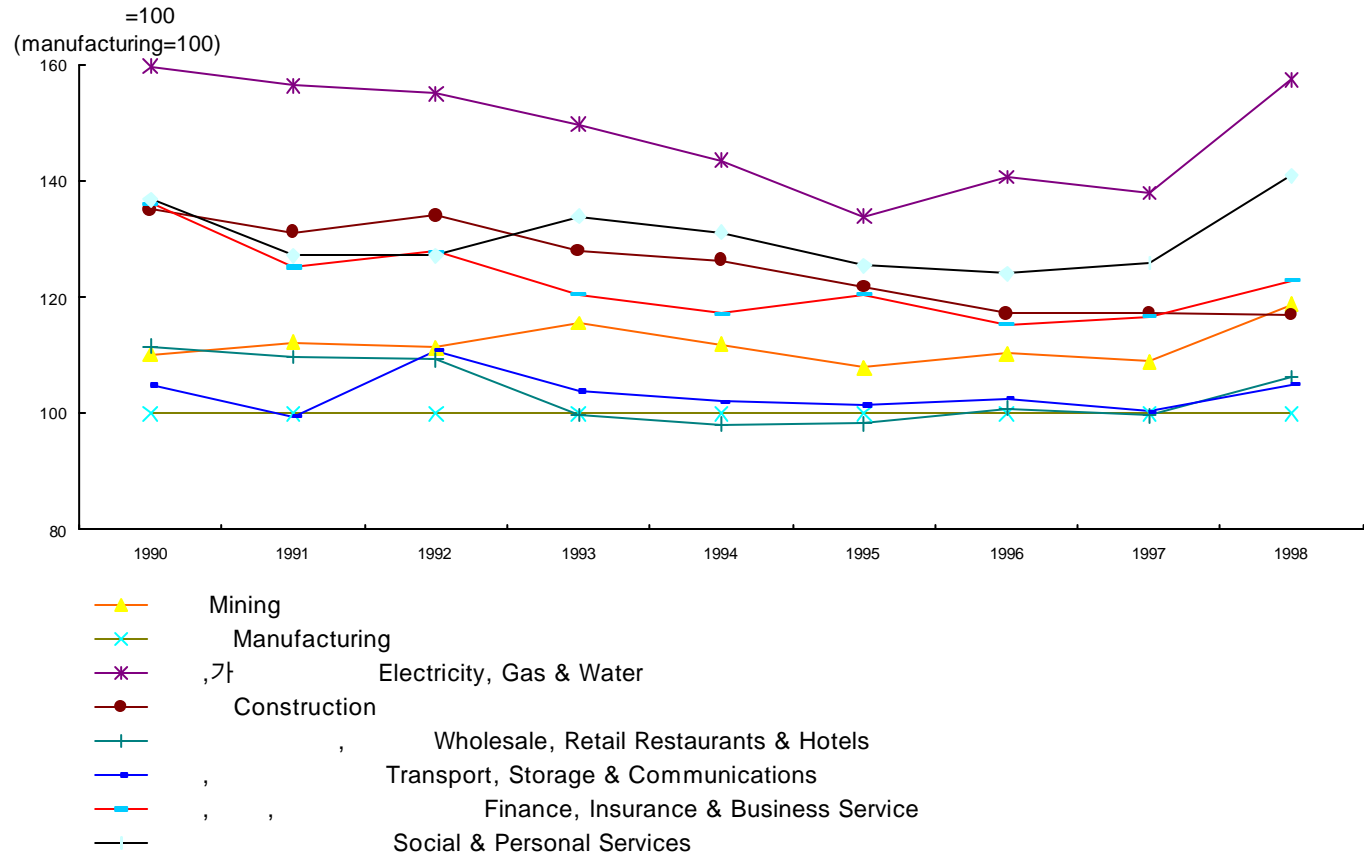
: , =100, ()
differences)

In 1,000 Won, Manufacturing=100, (Wage

	Monthly Wages									
	Total Employed Persons	Wage Index (1995=100)	Mining	Manufac- -turing	Electricity, Gas & Water	Construction	Wholesale and Retail Trade & Hotels	Transport, Storage & Communicatio ns	Finance, Insurance & Business Service	Social & Personal Services
1980	176	14.5	203(145.4)	147(100.0)	283(179.5)	258(197.2)	211(139.1)	203(136.9)	282(170.6)	275(187.4)
1985	324	26.3	325(130.8)	270(100.0)	575(199.2)	400(168.7)	372(132.5)	342(133.2)	519(183.7)	484(185.8)
1990	642	51.6	605(110.2)	591(100.0)	953(159.9)	745(135.2)	655(111.6)	584(104.9)	852(136.2)	827(136.9)
1991	754	61.3	711(112.3)	690(100.0)	1,124(156.6)	885(131.2)	773(109.8)	699(99.5)	930(125.3)	939(127.2)
1992	869	72.5	860(111.4)	799(100.0)	1,216(155.2)	1,020(134.1)	884(109.3)	778(110.9)	1,054(127.9)	1,079(127.2)
1993	975	80.0	980(115.6)	885(100.0)	1,324(149.8)	1,155(128.0)	942(99.8)	863(103.9)	1,171(120.5)	1,256(134.0)
1994	1,099	87.6	1,096(111.9)	1,022(100.0)	1,425(143.6)	1,270(126.5)	1,035(98.2)	955(102.1)	1,273(117.2)	1,407(131.2)
1995	1,222	100.0	1,195(107.9)	1,124(100.0)	1,608(134.0)	1,384(121.8)	1,144(98.3)	1,070(101.5)	1,459(120.5)	1,553(125.5)
1996	1,367	113.0	1,380(110.4)	1,261(100.0)	1,917(140.8)	1,501(117.2)	1,284(100.9)	1,260(102.6)	1,567(115.4)	1,695(124.1)
1997	1,463	123.2	1,535(109.0)	1,326(100.0)	2,079(138.0)	1,624(117.4)	1,394(99.7)	1,398(100.4)	1,646(116.8)	1,816(125.9)
1998	1,427	119.3	1,525(118.8)	1,284(100.0)	2,022(157.5)	1,502(117.0)	1,365(106.3)	1,350(105.1)	1,579(123.0)	1,811(141.0)

Source : Ministry of Labour, Report on Monthly Labour Survey, various issues.

1-10G. Monthly Wage Differences by Industry



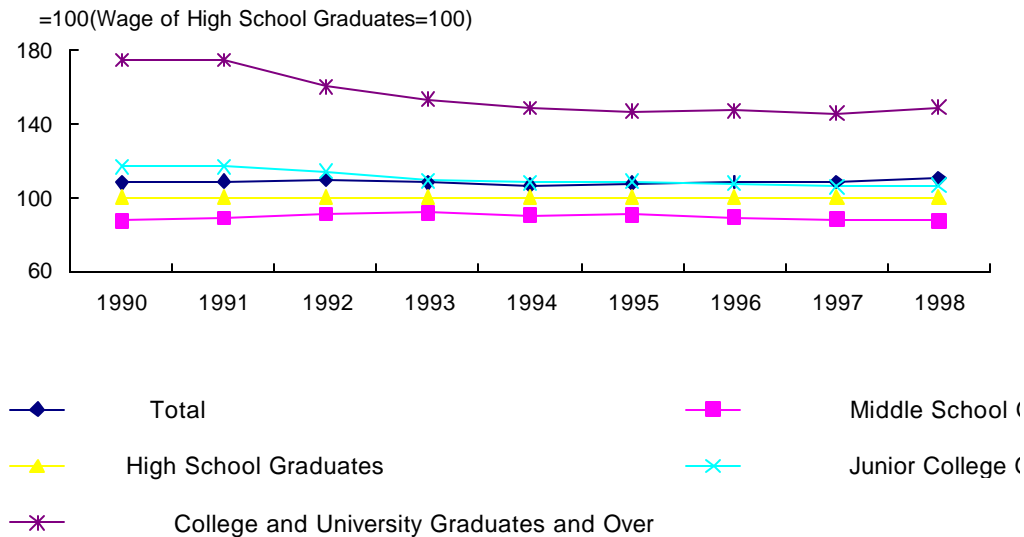
1-11.
Wage Differences by Educational Attainment

: =100 Wage of High School Graduates=100

	Total	Middle School Graduates and Under	High School Graduates	Junior College Graduates	College and University Graduates and Over
1980	96.9	72.7	100.0	145.7	217.3
1985	104.5	79.3	100.0	129.5	214.7
1990	108.0	87.7	100.0	116.7	174.6
1991	108.8	89.0	100.0	116.7	174.6
1992	109.7	91.2	100.0	114.1	160.3
1993	108.0	91.9	100.0	109.0	153.1
1994	106.9	90.5	100.0	108.0	148.4
1995	107.8	90.9	100.0	108.7	146.8
1996	108.5	89.4	100.0	107.7	147.2
1997	108.5	88.5	100.0	106.0	145.5
1998	110.4	87.5	100.0	106.6	149.0

Source : Ministry of Labour, Survey Report on Wage Structure, various year.

1-11G.
Wage Differences by Educational Attainment



1-12. Wages by Establishment Size

: , %

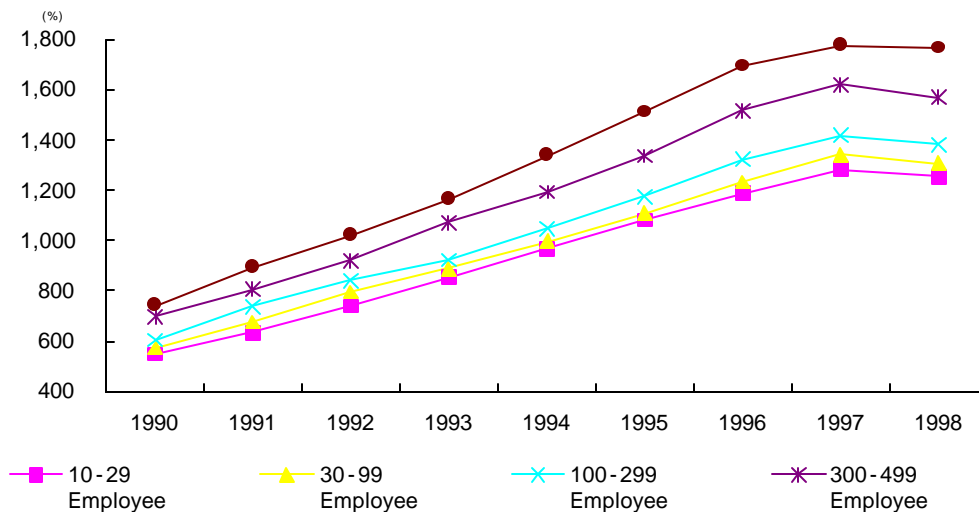
In 1,000 Won, %

	Total	10-29 Employee	30-99 Employee	100-299 Employee	300-499 Employee	500 Above 500 employee	Wage Difference
1980	176	166	177	173	183	178	107.2
1985	324	308	314	308	340	344	111.7
1990	642	549	572	603	698	741	135.0
1991	754	633	676	736	804	892	140.9
1992	869	740	794	841	920	1,019	137.7
1993	975	854	888	921	1,070	1,164	136.3
1994	1,099	969	995	1,046	1,194	1,338	138.1
1995	1,222	1,082	1,108	1,175	1,334	1,511	139.6
1996	1,367	1,187	1,233	1,323	1,517	1,693	142.6
1997	1,463	1,283	1,342	1,418	1,619	1,774	138.3
1998	1,427	1,255	1,307	1,382	1,570	1,765	140.6

Source : Ministry of Labour,
Report on Monthly Labor Survey, various monthly.

1)
$$\text{Wage difference} = \frac{(\text{Average wage in establishments above 500 employees} / \text{Average wage in establishments with 10-29 employees}) \times 100}{100} \times 100$$

1-12G. Wages by Establishment Size



1-13. ,
Average Working Hours per Week by Sex and Industry

In hours

	Whole Industry			Mining	Manufacturing	Electricity, Gas & Water	Construction	Wholesale and Retail Trade, Restaurants & Hotels	Transport, Storage & Communications	Finance, Insurance, Real Estate & Business Service	Social & Personal Services
	Total	Male	Female								
1980	51.6	50.9	52.6	42.0	53.1	48.6	50.4	50.5	50.4	45.4	47.2
1985	51.9	51.5	52.8	41.4	53.8	50.0	49.0	50.0	53.2	45.8	46.6
1990	48.2	48.2	48.4	36.2	49.8	47.8	45.8	47.5	48.8	43.6	44.5
1991	47.9	48.0	47.8	39.5	49.3	48.6	45.6	47.8	48.7	44.2	44.6
1992	47.5	47.7	47.3	39.5	48.7	49.2	46.0	47.5	48.3	44.4	44.8
1993	47.5	47.7	47.1	40.7	48.9	48.0	46.6	46.5	47.2	45.6	44.7
1994	47.4	47.6	47.0	41.8	48.7	47.7	45.8	46.6	47.0	45.9	44.2
1995	47.8	47.9	47.1	43.6	49.2	48.9	45.8	46.3	47.7	45.6	44.4
1996	47.3	47.7	46.4	43.6	48.4	49.7	45.0	45.5	49.3	46.2	44.5
1997	46.7	47.1	45.8	43.9	47.8	49.2	44.5	44.9	48.4	45.9	44.3
1998	45.9	46.2	45.1	43.8	46.1	49.0	44.3	44.7	47.7	46.2	44.3

Source : National Statistical Office, *Social Indicators in Korea*, 1998.
Ministry of Labour, *Report on Monthly Labor Survey*, various issues.

1-14.
Average Working Days per Month by Industry

In days

	Whole Industry	Mining	Manufacturing	Electricity Gas & Water	Construction	Wholesale and Retail Trade, Restaurants & Hotels	Transport, Storage & Communications	Finance, Insurance, Real Estate & Business Service	Social & Personal Services
1980	24.6	24.7	24.8	24.7	24.9	25.7	22.3	24.7	25.0
1985	24.7	24.2	24.2	25.1	25.3	25.6	23.3	24.6	24.9
1990	24.7	22.9	24.8	25.3	25.0	25.2	24.1	24.6	24.8
1991	24.7	23.7	24.7	25.3	25.0	25.3	24.3	24.8	24.8
1992	24.7	23.5	24.6	25.5	25.1	25.3	24.1	24.7	24.9
1993	24.7	23.5	24.7	25.4	25.1	25.0	23.9	24.6	24.9
1994	24.6	23.7	24.7	25.1	25	25.1	23.8	24.6	24.8
1995	24.6	23.8	24.6	25.4	24.9	25.0	23.8	24.5	24.8
1996	24.4	24.3	24.4	25.5	24.6	24.8	24.5	24.1	24.7
1997	24.2	24.2	24.1	25.5	24.6	24.7	24.4	23.9	24.6
1998	24.0	24.2	23.6	25.6	24.6	24.6	24.2	23.9	24.7

Source : National Statistical Office, *Social Indicators in Korea*, 1998.
Ministry of Labour, *Report on Monthly Labor Survey*, various issues.

1-15.
Employees and Regular Employees in Total Employment

: , %

In 1,000 persons, %

	Total Employed Persons	Employees	Percentage of Employees						Regular Employment Rate		
			Total	Male	Female	Agri., Forestry & Fishery	Mining & Manufacturing	SOC & Other Services	Total	Male	Female
1980	13,683	6,464	47.2	52.2	39.2	11.8	79.9	58.1	79.9	80.4	78.8
1985	14,970	8,104	54.1	58.0	48.2	11.7	86.1	59.6	82.8	85.8	77.3
1990	18,085	10,950	60.5	63.1	56.8	7.8	86.9	64.6	83.2	86.9	77.2
1991	18,612	11,349	61.0	63.4	57.4	7.3	85.6	64.8	83.9	86.6	79.4
1992	18,961	11,568	61.0	63.3	57.5	7.2	84.6	65.1	84.7	86.9	81.0
1993	19,253	11,751	61.0	63.5	57.4	6.9	84.9	64.5	85.4	87.4	82.1
1994	19,837	12,297	62.0	64.2	58.7	6.7	85.0	65.2	85.6	87.3	82.9
1995	20,377	12,736	62.5	64.8	59.1	7.1	84.6	65.2	85.9	87.5	83.2
1996	20,764	13,043	62.8	65.0	59.6	6.6	84.2	65.4	86.2	87.7	83.9
1997	21,048	13,228	62.8	64.8	60.1	6.8	83.0	65.6	85.7	87.3	83.2
1998	19,994	12,190	61.0	63.0	58.1	6.5	83.0	64.6	85.8	88.2	81.9

: , , 1998.
 , , 1998.

Source : National Statistical Office, *Social Indicators in Korea*, 1998.
Annual Report of the Economically Active Population Survey, 1998.

1-16.
Rate of Employment by Industry

: %

%

	Average	Mining	Manufac- -turing	Electricity, Gas & Water	Construction	Wholesale and Retail Trade Restaurants & Hotels	Transport, Storage & Communications	Finance, Insurance & Business Service	Social & Persona Services
1980	4.4	3.8	4.9	1.7	4.9	3.2	3.5	2.6	2.3
1985	3.7	3.2	4.3	1.5	3.7	3.1	2.9	2.0	1.9
1990	3.0	2.6	3.3	1.4	3.1	3.2	2.3	2.4	2.1
1991	3.1	2.4	3.5	1.3	2.9	3.3	2.4	2.8	1.9
1992	3.0	2.6	3.3	1.4	2.8	3.2	2.6	2.7	1.8
1993	3.0	3.2	3.4	0.8	3.9	3.0	2.8	2.4	1.5
1994	2.9	2.2	3.2	1.0	3.5	3.1	2.6	2.5	1.5
1995	2.8	2.0	3.0	1.5	3.6	3.2	2.7	2.6	1.6
1996	2.8	2.6	2.9	1.0	3.8	3.2	2.3	2.6	1.8
1997	2.3	1.9	2.5	0.8	2.6	2.7	2.0	2.1	1.6
1998	1.8	1.8	1.8	1.0	2.6	1.8	1.7	2.0	1.2

: , , 1998.

Source : National Statistical Office, *Social Indicators in Korea*, 1998.
Ministry of Labour, *Report on Monthly Labor Survey*, various issues.

1-17. Separation Rate by Industry

: %

%

	Average	Mining	Manufac- -turing	Electricity, Gas & Water	Construction	Wholesale and Retail Trade Restaurants & Hotels	Transport, Storage & Communications	Finance, Insurance & Business Service	Social & Persona Services
1980	4.8	3.7	5.6	1.5	4.9	3.5	3.8	2.5	2.0
1985	3.9	3.1	4.5	1.3	4.7	3.1	3.0	2.2	1.7
1990	3.2	3.2	3.8	0.8	2.4	3.2	2.2	2.1	1.7
1991	3.3	3.7	3.9	1.0	2.3	3.3	2.4	2.3	1.8
1992	3.2	3.6	3.9	1.0	2.5	3.3	2.5	2.5	1.7
1993	3.1	3.6	3.6	1.0	4.0	3.2	2.6	2.4	1.4
1994	2.9	3.1	3.1	1.0	3.4	3.2	2.7	2.5	1.4
1995	2.9	2.8	3.1	1.1	3.6	3.4	2.6	2.4	1.4
1996	2.9	2.6	3.1	0.9	4.0	3.5	2.3	2.5	1.6
1997	2.7	2.7	2.9	0.9	3.0	3.1	2.2	2.3	1.5
1998	2.7	2.8	2.9	1.1	3.3	3.3	2.0	2.7	1.4

: , , 1998.

Source : National Statistical Office, *Social Indicators in Korea*, 1998.
Ministry of Labour, *Report on Monthly Labor Survey*, various issues.

1-18.

The Unemployed by Age

In 1,000 persons, %

	Total	15-19		20-24		25-29		30-39		40-49		50-59		60	Above
		Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
1980	557	83	14.9	132	23.7	97	17.4	118	21.2	83	14.9	40	7.2	4	0.7
1985	622	79	12.7	180	28.9	130	20.9	116	18.6	80	12.9	34	5.5	3	0.5
1990	454	59	13.0	126	27.8	105	23.1	83	18.3	48	10.6	32	7.0	5	1.1
1991	433	59	13.5	143	32.6	92	21.0	68	15.5	46	10.5	25	5.7	4	0.9
1992	466	61	13.1	149	32.0	103	22.1	80	17.2	44	9.4	25	5.4	5	1.1
1993	551	57	10.3	186	33.8	123	22.3	110	20.2	48	8.7	27	4.9	5	0.9
1994	490	45	9.2	151	30.8	116	23.7	97	19.8	51	10.4	23	4.7	5	1.0
1995	420	36	8.6	130	31.0	86	20.5	84	20.0	49	11.7	28	6.7	7	1.7
1996	426	32	7.5	126	29.6	97	22.8	86	20.2	51	12.0	27	6.3	7	1.6
1997	556	42	7.6	149	26.8	122	21.9	114	20.5	73	13.1	40	7.2	15	2.7
1998	1,461	86	5.9	258	17.7	268	18.3	359	24.6	281	19.2	162	11.1	47	3.2

: , % , 1998.

Source : National Statistical Office, *Annual Report of the Economically Active Population Survey, 1998.*

1-19. , Unemployment Rate by Age & Sex

: %

%

	Total		15 - 19 Age		20 - 24 Age		25 - 29 Age		30 - 39 Age		40 - 49 Age		50 - 59 Age		60 Above 60	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	1989	3.1	1.8	7.7	7.9	9.5	4.5	5.1	1.6	2.1	1.2	1.9	0.7	1.8	0.4	0.3	0.2
1990	2.9	1.8	10.1	8.7	9.3	4.5	4.9	1.9	2.0	0.9	1.7	0.5	1.6	0.3	0.6	0.2
1991	2.5	1.9	10.9	8.1	9.2	5.3	4.1	1.9	1.5	0.8	1.5	0.7	1.2	0.3	0.4	0.2
1992	2.6	2.1	11.8	9.2	8.7	5.9	4.8	2.0	1.7	0.9	1.3	0.7	1.1	0.2	0.5	0.2
1993	3.2	2.2	12.9	10.0	11.9	6.5	5.6	2.3	2.2	0.9	1.5	0.7	1.2	0.4	0.5	0.2
1994	2.7	1.9	10.2	8.9	9.0	5.4	5.2	2.0	2.0	0.8	1.6	0.8	1.1	0.4	0.4	0.1
1995	2.2	1.7	9.1	7.5	7.7	4.9	3.7	1.9	1.7	0.8	1.4	0.7	1.3	0.4	0.6	0.3
1996	2.3	1.6	8.9	6.6	8.2	4.4	4.2	2.0	1.6	0.9	1.4	0.7	1.2	0.4	0.5	0.1
1997	2.8	2.3	11.6	8.7	8.9	6.2	4.9	2.8	2.1	1.6	1.6	1.3	1.6	0.7	1.0	0.4
1998	7.6	5.6	25.3	17.5	19.6	11.9	11.0	6.5	6.2	4.8	6.3	4.4	6.5	3.1	3.2	1.3

: , 1998.
: , 1998.

Source : National Statistical Office, *Social Indicators in Korea*, 1998.
Annual Report of the Economically Active Population Survey, 1998.

1-20. ,
Unemployment Rate by Educational Attainment & Sex

: %

%

	Total			Primary School Graduates & Under			Middle School Graduates			High School Graduates			College, University Graduates & Over		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1980	5.2	6.2	3.5	2.7	3.9	1.4	6.3	7.4	4.2	9.3	8.8	10.7	6.2	5.6	9.2
1985	4.0	5.0	2.4	1.5	2.6	0.6	4.1	5.3	1.8	5.9	6.3	5.0	6.6	5.9	10.1
1990	2.4	2.9	1.8	0.7	1.2	0.3	1.8	2.3	1.1	3.4	3.5	3.1	4.4	4.1	5.3
1991	2.3	2.5	1.9	0.6	1.1	0.3	1.7	2.0	1.2	3.2	3.1	3.5	3.6	3.3	4.5
1992	2.4	2.6	2.1	0.6	1.0	0.3	1.9	2.3	1.4	3.3	3.3	3.5	3.4	3.0	4.7
1993	2.8	3.2	2.2	0.8	1.3	0.4	2.2	2.7	1.5	3.6	3.7	3.3	4.0	3.7	4.7
1994	2.4	2.7	1.9	0.8	1.2	0.5	1.9	2.4	1.2	3.0	3.1	2.7	3.6	3.3	4.2
1995	2.0	2.3	1.7	0.7	1.2	0.4	1.6	2.0	1.0	2.5	2.6	2.4	2.7	2.5	3.3
1996	2.0	2.3	1.6	0.7	1.1	0.4	1.6	1.9	1.2	2.5	2.7	2.1	2.6	2.5	2.9
1997	2.6	2.8	2.3	1.0	1.5	0.6	2.2	2.5	1.7	3.3	3.3	3.3	3.0	2.6	3.7
1998	6.8	7.6	5.6	4.1	5.9	2.9	7.8	9.6	5.5	8.2	8.7	7.2	5.7	5.6	6.1

: , , 1998.

Source : National Statistical Office, *Social Indicators in Korea*, 1998.
Annual Report of the Economically Active Population Survey, various years.

1-21. ,
**Satisfaction with Selected Working Conditions
 by Sex & Occupation**

: %

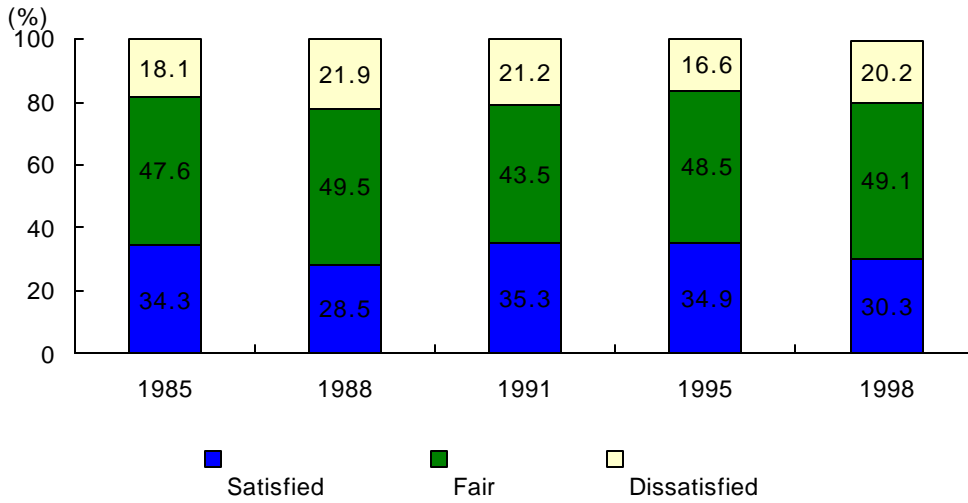
%

	Type of Work			Wages		
	Satisfied	Fair	Dissatisfied	Satisfied	Fair	Dissatisfied
1985	34.3	47.6	18.1	19.1	36.3	44.6
1988	28.5	49.5	21.9	14.6	38.7	46.7
1991	35.3	43.5	21.2	16.1	35.1	48.8
1995	34.9	48.5	16.6	17.2	40.6	42.2
1998	30.3	49.1	20.2	10.7	36.1	52.6
by Sex (1998)						
Male	31.8	48.1	19.8	11.1	35.2	53.2
Female	27.9	50.7	20.9	10.1	37.6	51.6
by Occupation (1998)						
Pro., Tech., Adm., Managers	51.8	39.3	8.8	17.4	39.3	42.8
Clerical	36.7	50.2	13.0	13.4	42.0	44.4
Service, Sales	21.1	52.6	25.6	8.1	38.7	52.7
Skilled Agri., Fishery	11.9	52.1	34.6	4.6	39.0	55.3
Craft, Operator, Laborers	19.4	52.7	27.2	6.9	31.2	61.2

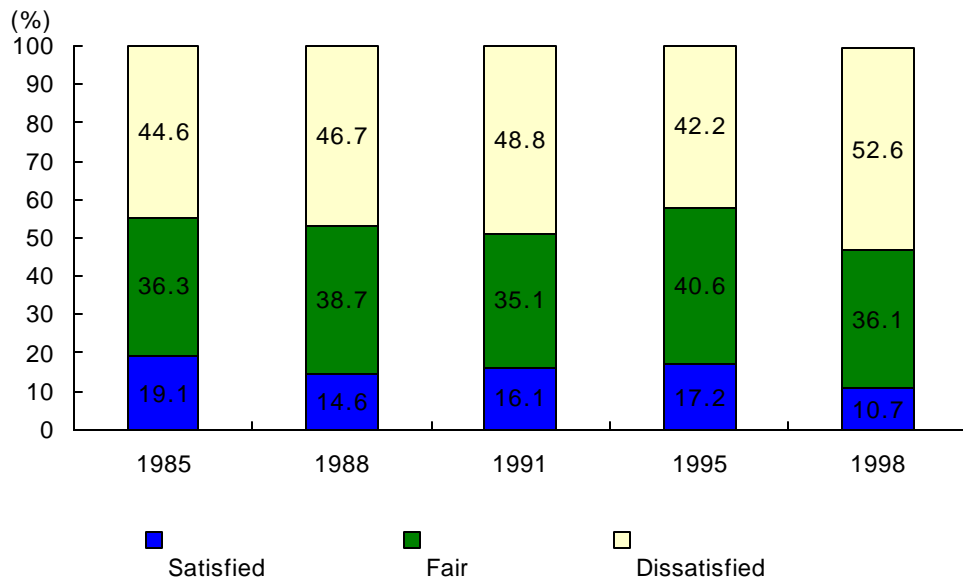
: , 1998.

Source : National Statistical Office,
 Report on the Social Statistics Survey, 1998.

1-21G1.
Satisfaction with Type of Work



1-21G2.
Satisfaction with Wage



1-22. ,
Determinants of Job Selection by Sex & Educational Attainment

: %

%

	Prestige	Stability	Income	Meaningfulness	Promotion Opportunity	Others
1988	4.3	43.1	25.0	12.8	14.5	0.3
1991	3.1	37.2	29.7	15.1	14.3	0.5
1995	3.3	29.6	27.1	10.5	29.2	0.5
1998	2.1	41.5	18.2	16.2	20.7	1.4
by Sex(1998)						
Male	2.6	40.6	17.2	16.1	22.7	0.9
Female	1.6	42.3	19.1	16.3	18.9	1.9
by Educational Attainment(1998)						
Primary School Graduates & Under	2.5	47.0	25.3	6.7	14.2	4.4
Middle School Graduates	2.4	40.5	18.7	15.9	21.6	1.0
High School Graduates	1.6	41.8	17.1	16.4	22.6	0.5
College, University Graduates & Over	2.2	34.9	11.6	27.7	23.4	0.2

: , 1998.

Source : National Statistical Office,
 Report on the Social Statistics Survey, 1998.

1-23. Labor Productivity Indexes

: 1995 = 100, %

1995 = 100, %

	All industries		Mining		Manufacturing		, 가 Electricity, Gas & Water	
	1) Index	2) Growth Rate	Index	Growth Rate	Index	Growth Rate	Index	Growth Rate
1980	28.7	-2.7	53.3	-9.1	28.0	-4.4	38.6	-9.4
1985	38.8	2.1	56.7	8.4	38.5	1.9	43.1	-5.5
1990	60.1	12.8	76.7	8.8	60.1	12.5	68.4	19.8
1991	68.5	13.9	84.2	9.8	68.5	14.0	76.1	11.3
1992	76.0	11.0	88.5	5.0	76.2	11.2	74.9	-1.6
1993	82.1	8.0	87.5	-1.1	82.1	7.7	85.8	14.6
1994	90.5	10.2	100.7	15.1	90.4	10.1	100.7	17.4
1995	100.0	10.5	100.0	-0.7	100.0	10.6	100.0	-0.7
1996	112.2	12.2	110.1	10.1	112.1	12.1	103.7	3.7
1997	128.4	14.4	114.1	3.6	128.3	14.5	113.4	9.3
1998	145.0	12.7	109.8	-6.5	145.5	13.0	105.7	-5.5

: , , 1998.

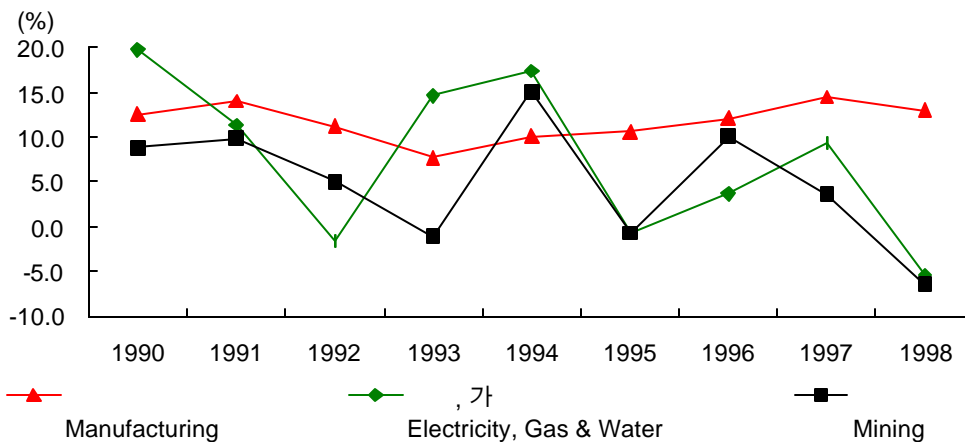
Source : National Statistical Office,
Social Indicators in Korea, 1998.

, , 1999. 3.

Korea Productivity Center, Productivity Review, 1999. 3.

- 1) Based on the Labor productivity Index for regular employees.
- 2) Growth rate indicates the rate of growth based on the previous year.
- 3) 1998
The values in 1998 are provisional.

1-23G. Growth Rate of Labor Productivity Index



2-1.
Number of Vocational School Entrants by Education Level

In person

	Total High Schools		Vocational High Schools		Universities		Junior Colleges		Industrial Universities (Polytechnic Universities)	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
1980	627,053	268,026	284,735	122,407	115,755	29,029	80,620	22,728	-	-
1985	759,553	350,866	306,535	152,872	201,934	65,730	108,483	44,112	5,509	-
1990	764,085	357,941	273,134	142,926	196,397	76,182	130,670	60,101	9,221	-
1991	729,130	343,624	272,010	142,819	201,107	78,709	141,115	65,313	11,418	-
1992	689,135	326,062	277,079	144,244	211,884	82,316	159,432	74,300	12,679	-
1993	708,926	338,542	298,648	155,502	220,774	87,690	174,964	82,214	16,698	-
1994	717,211	340,682	307,528	159,317	231,617	91,182	197,143	94,515	20,896	-
1995	790,905	379,816	343,799	179,791	253,605	106,068	223,689	111,552	24,571	6,749
1996	806,161	387,707	341,601	174,206	271,208	114,252	252,868	127,784	29,106	7,928
1997	816,695	392,726	336,609	169,211	295,739	126,871	276,231	135,192	27,837	7,475
1998	782,275	374,843	311,560	154,491	312,293	133,836	304,637	146,206	29,164	8,130
1999	709,940	339,125	264,467	128,830	319,278	137,967	306,802	147,553	30,882	8,572

Source : Ministry of Education, *Statistical Yearbook of Education*. various years.

The numbers do not include transferers.

2-2. Vocational High School Entrants by Field of Study

: , (%)

In person, (%)

Year	가							
	Total	Agriculture	Industry	Commerce	Fishery & Marine	Vocational Home Economics	Humanities	Arts
1985	306,535 (100.0)	22,439 (7.3)	77,978 (25.4)	163,362 (53.3)	3,904 (1.3)	1,427 (0.5)	37,425 (12.2)	— —
1990	273,134 (100.0)	17,417 (6.4)	67,977 (24.9)	151,739 (55.6)	3,444 (1.3)	209 (0.1)	31,234 (11.4)	1,114 (0.4)
1991	272,020 (100.0)	14,048 (5.2)	74,641 (27.4)	149,626 (55.0)	3,122 (1.1)	202 (0.1)	28,929 (10.6)	1,452 (0.5)
1992	277,079 (100.0)	11,536 (4.2)	85,471 (30.8)	147,740 (53.3)	2,551 (0.9)	785 (0.3)	28,755 (10.4)	241 (0.1)
1993	297,872 (100.0)	11,566 (3.9)	97,731 (32.8)	150,871 (50.6)	2,487 (0.8)	1,708 (0.6)	33,203 (11.1)	306 (0.1)
1994	307,528 (100.0)	11,467 (3.7)	108,502 (35.3)	150,172 (48.8)	2,680 (0.9)	1,352 (0.4)	33,099 (10.8)	256 (0.1)
1995	343,799 (100.0)	12,533 (3.6)	123,229 (35.8)	167,669 (48.8)	2,909 (0.8)	2,124 (0.6)	34,828 (10.1)	507 (0.1)
1996	341,601 (100.0)	12,868 (3.8)	127,606 (37.4)	160,925 (47.1)	2,730 (0.8)	2,173 (0.6)	34,807 (10.2)	492 (0.1)
1997	336,609 (100.0)	12,465 (3.7)	129,804 (38.6)	156,672 (46.5)	2,611 (0.8)	2,234 (0.7)	32,275 (9.6)	548 (0.2)
1998	311,560 (100.0)	11,556 (3.7)	120,854 (38.8)	141,458 (45.4)	2,677 (0.9)	1,901 (0.6)	31,359 (10.1)	1,704 (0.5)
1999	264,467 (100.0)	9,883 (3.7)	106,434 (40.2)	117,526 (44.4)	2,840 (1.1)	1,718 (0.6)	24,363 (9.2)	1,703 (0.6)

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

2-3. Junior College Entrants by Field of Study

: , (%)

In person, (%)

	Total	Humanities	Social Sciences	Natural Sciences	Medical & Pharmacy	Arts & Physical Ed.	Teaching Profession
1980	80,620 (100.0)	– –	8,882 (11.0)	60,893 (75.5)	7,374 (9.1)	3,471 (4.3)	– –
1985	108,486 (100.0)	2,506 (2.3)	21,959 (20.2)	53,342 (49.2)	13,716 (12.6)	9,307 (8.6)	7,653 (7.1)
1990	130,670 (100.0)	4,941 (3.8)	25,707 (19.7)	64,610 (49.4)	14,812 (11.3)	13,598 (10.4)	7,002 (5.4)
1991	141,115 (100.0)	5,423 (3.8)	28,658 (20.3)	69,488 (49.2)	15,377 (10.9)	15,130 (10.7)	7,039 (5.0)
1992	159,432 (100.0)	6,742 (4.2)	33,415 (21.0)	78,170 (49.0)	17,294 (10.8)	16,771 (10.5)	7,040 (4.4)
1993	174,964 (100.0)	7,525 (4.3)	39,401 (22.5)	84,232 (48.1)	17,298 (9.9)	19,467 (11.1)	7,041 (4.0)
1994	197,143 (100.0)	9,462 (4.8)	44,161 (22.4)	94,644 (48.0)	18,101 (9.2)	22,786 (11.6)	7,989 (4.1)
1995	223,689 (100.0)	11,433 (5.1)	49,978 (22.3)	106,400 (47.6)	20,766 (9.3)	26,263 (11.7)	8,849 (4.0)
1996	252,868 (100.0)	12,475 (4.9)	56,249 (22.2)	121,841 (48.2)	22,349 (8.8)	29,618 (11.7)	10,336 (4.1)
1997	276,231 (100.0)	13,467 (4.9)	62,110 (22.5)	133,460 (48.3)	23,563 (8.5)	33,148 (12.0)	10,483 (3.8)
1998	304,637 (100.0)	14,476 (4.8)	72,964 (24.0)	143,258 (47.0)	24,268 (8.0)	38,855 (12.8)	10,816 (3.6)
1999	306,802 (100.0)	13,880 (4.5)	69,604 (22.7)	147,759 (48.2)	22,509 (7.3)	41,553 (13.5)	11,497 (3.7)

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

2-4. (, ,)
(1996)

: , %

	Participation Workplace Training		Institute Training		Educational Program		
	Rate	Day	Rate	Day	Rate	Day	
	17.37	9.08	1.12	3.47	2.71	3.13	0.54
	21.62	13.18	1.66	3.35	2.46	2.45	0.23
	13.49	5.34	0.62	3.58	2.94	3.74	0.82
	4.28	0.54	0.05	0.17	0.14	0.82	0.14
	8.29	2.32	0.15	0.66	0.41	1.83	0.23
	18.53	9.07	0.93	3.52	2.69	3.60	0.56
	41.82	27.54	3.97	10.68	8.57	6.55	1.32
	44.56	32.50	4.67	9.43	7.51	6.69	1.11
	39.53	29.33	3.51	11.49	9.45	4.17	0.77
	11.38	4.49	0.48	1.77	1.32	2.31	0.33
	13.67	0.27	0.02	0.30	0.20	1.65	0.10
	12.67	7.15	0.68	1.59	0.98	1.62	0.17

: , , 1997.

2-4. Annual Participation in Adult Learning Programs (by Sex, Educational Attainment, and Occupation), 1996

days, %

Vocational Training		TV, Massmedia Lecture		Others		
Rate	Day	Rate	Day	Rate	Day	
2.24	0.20	3.79	1.07	0.38	0.10	Total
By Sex						
3.73	0.28	3.78	1.00	0.42	0.12	Male
0.88	0.13	3.79	1.13	0.35	0.09	Female
By Educational Attainment						
2.38	0.07	0.59	0.09	0.08	0.01	Primary School Graduates & Under
2.39	0.19	2.09	0.34	0.22	0.04	Middle School Graduates
2.19	0.26	4.25	1.04	0.27	0.06	High School Graduates
2.01	0.26	8.87	3.21	1.23	0.40	College, Univ. Graduates & Over
By Occupation						
2.35	0.27	8.26	3.22	1.19	0.41	Prof., Tech., Adm., Managerial
1.88	0.38	5.30	1.84	0.67	0.17	Clerical
1.65	0.11	2.85	0.55	0.17	0.02	Services, Sales
11.61	0.39	1.24	0.17	0.05	0.00	Skilled Agri., Fishery
1.86	0.26	2.73	0.60	0.23	0.06	Craft, Operator, Laborers

Source : National Statistical Office, *Report on the Social Statistics Survey, 1997.*

2-5.

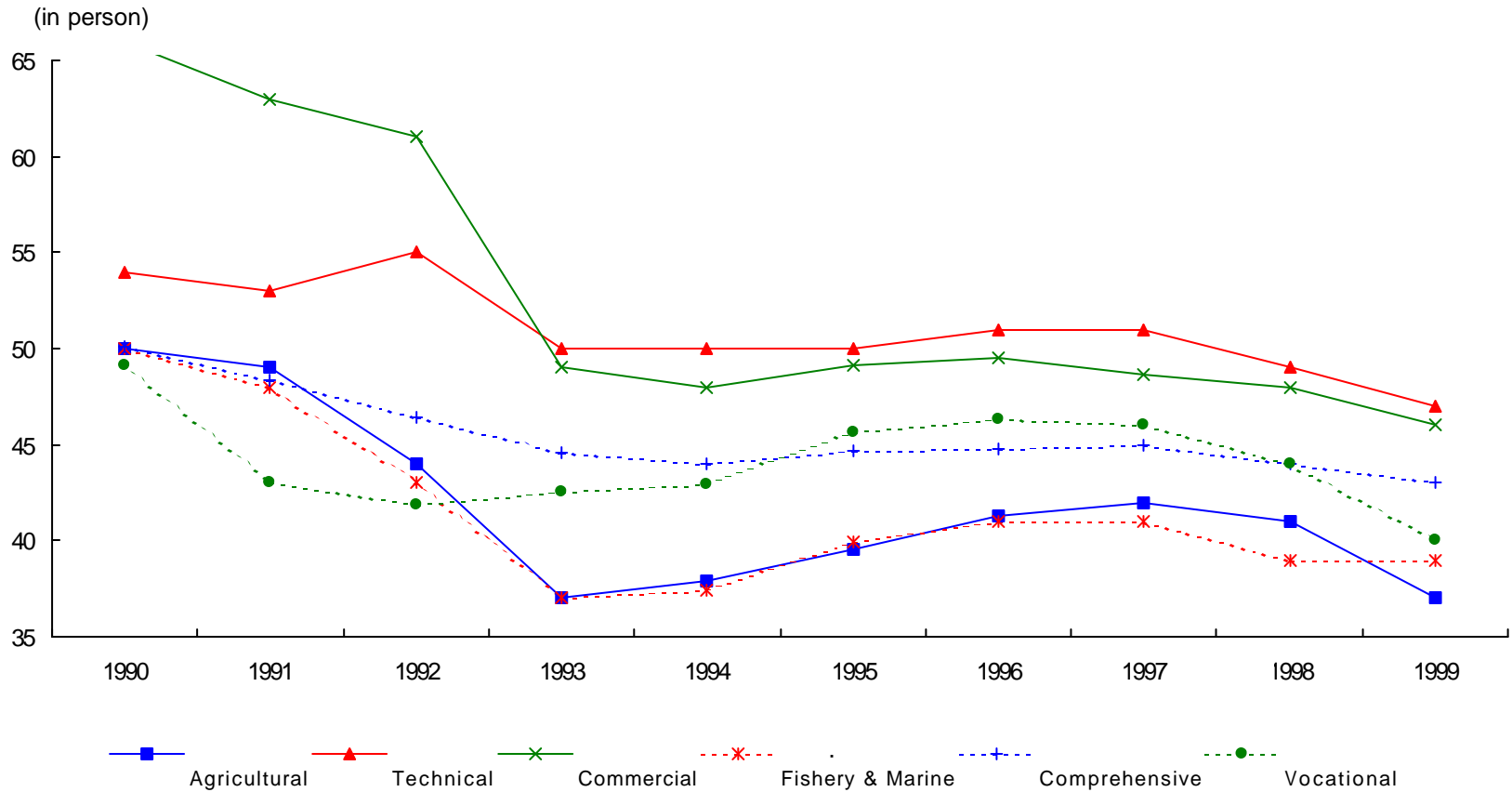
Number of Students per Class in Vocational High Schools by School Type

In person, Each

	Total		Agricultural		Technical		Commercial		Fishery & Marine		Comprehensive		Vocational	
	Classes	Students per Class	Classes	Students per Class	Classes	Students per Class	Classes	Students per Class	Classes	Students per Class	Classes	Students per Class	Classes	Students per Class
1985	15,958	56	1,098	47	3,574	55	6,618	57	197	51	3,712	55	759	55
1990	15,622	52	984	50	3,692	54	6,908	66	200	50	3,613	50	340	49
1991	16,190	50	891	49	3,823	53	7,089	63	194	48	3,717	48	476	43
1992	16,922	48	859	44	4,041	55	7,174	61	188	43	4,015	46	645	42
1993	17,651	47	630	37	4,584	50	7,201	49	134	37	4,126	45	976	43
1994	18,197	47	512	38	5,014	50	7,156	48	150	37	4,225	44	1,140	43
1995	19,034	48	539	40	5,426	50	7,242	49	170	40	4,219	45	1,438	46
1996	19,430	48	498	41	5,875	51	7,267	50	186	41	4,122	45	1,482	46
1997	19,689	49	524	42	6,236	51	7,302	50	182	41	3,955	45	1,490	46
1998	19,689	47	512	41	6,423	49	7,091	48	177	39	1,546	44	3,940	44
1999	19,116	45	553	37	6,313	47	7,012	46	173	39	1,843	43	3,222	40

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

2-5G. Number of Students per Class in Vocational High Schools by School Type



2-6.

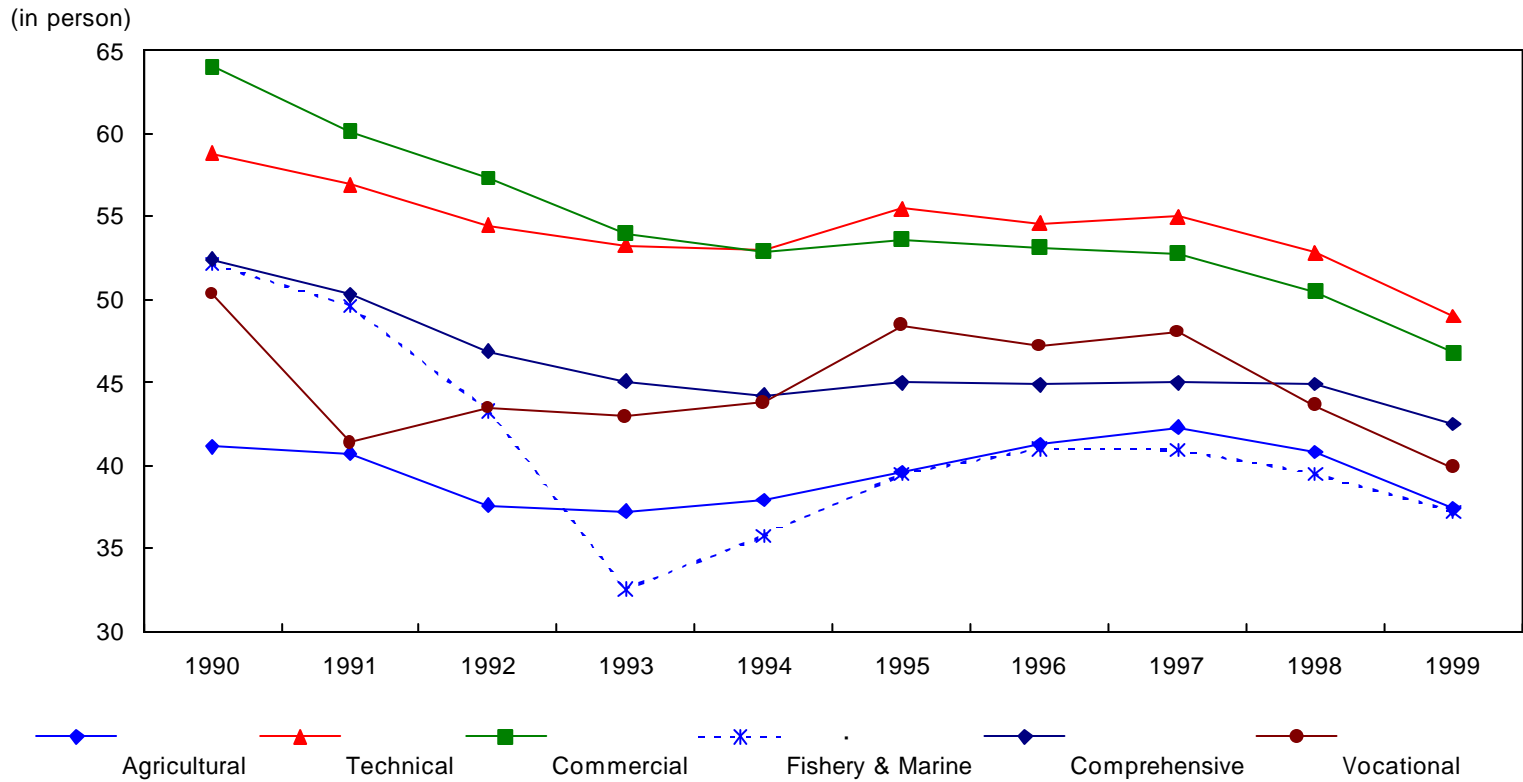
Number of Students per Classroom in Vocational High Schools by School Type

In person, Each

	Total		Agricultural		Technical		Commercial		Fishery & Marine		Comprehensive		Vocational	
	Students per Classroom	Number of Classrooms	Students per Classroom	Number of Classrooms	Students per Classroom	Number of Classrooms	Students per Classroom	Number of Classrooms	Students per Classroom	Number of Classrooms	Students per Classroom	Number of Classrooms	Students per Classroom	Number of Classrooms
1985	63.5	13,945	46.7	1,111	62.7	3,162	69.4	5,478	54.5	184	59.7	3,410	69.7	600
1990	57.9	14,009	41.1	988	58.8	3,264	64.1	5,790	52.2	179	52.4	3,456	50.3	332
1991	55.0	14,625	40.7	911	56.9	3,385	60.1	6,086	49.6	173	50.3	3,575	41.4	495
1992	52.2	15,569	37.6	847	54.5	3,689	57.3	6,259	43.2	173	46.9	3,979	43.4	622
1993	50.2	16,584	37.2	630	53.3	4,261	54.0	6,491	32.5	151	45.0	4,084	42.9	967
1994	49.6	17,170	37.9	512	53.0	4,686	52.9	6,496	35.8	157	44.2	4,202	43.8	1,117
1995	51.2	17,815	39.6	539	55.5	4,932	53.6	6,628	39.5	172	45.0	4,189	48.5	1,355
1996	50.8	18,484	41.3	498	54.6	5,455	53.2	6,776	41.0	186	44.9	4,115	47.2	1,454
1997	51.0	18,806	42.3	524	55.0	5,783	52.8	6,919	40.9	182	45.0	3,956	48.0	1,442
1998	49.0	18,933	40.8	511	52.8	5,995	50.5	6,789	39.5	177	43.6	3,930	44.9	1,531
1999	45.5	18,714	37.4	548	49.0	6,043	46.8	6,837	37.2	181	39.9	3,260	42.5	1,845

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

2-6G.
 Number of Students per Classroom in Vocational High Schools by School Type



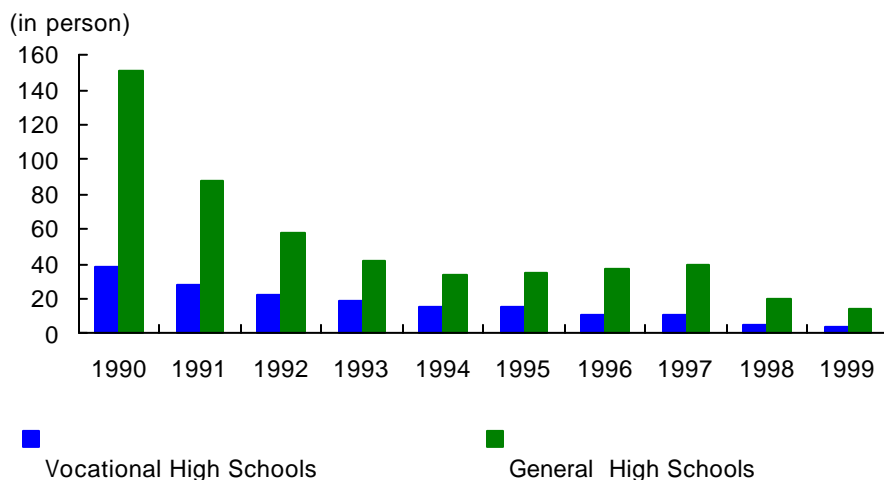
2-7. PC PC 1
Number of Students per Computer
(Vocational High Schools vs. General High Schools)

: In holdings

	Vocational High Schools		General High Schools	
	Total Computer	Students per Computer	Total Computer	Students per Computer
1990	21,081	38.5	9,748	151.1
1991	28,847	27.9	16,076	87.5
1992	36,948	22.0	22,859	57.4
1993	44,908	18.5	29,612	41.8
1994	57,214	14.9	35,376	34.2
1995	60,827	15.0	36,045	34.6
1996	85,220	11.0	35,227	37.0
1997	85,220	11.3	35,227	39.1
1998	168,611	5.5	71,386	19.6
1999	206,043	4.1	96,650	14.5

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.
 : 1999 (4,549, 3,455)
 The number of computers in 1999 excludes the number of computers for administration.
 (The number of computers for administration is 4,549 in general high schools, and 3,455 in vocational high schools.)

2-7G. PC 1
Number of Students per Computer
(Vocational High Schools vs. General High Schools)



2-8.

1

Library Books per Student in Junior Colleges & Industrial Universities

:

Volume

	Junior Colleges		Industrial Universities(Polytechnic)	
	Books per	Books per Student	Books per School	Books per Student
1980	5,729.4	4.4	-	-
1985	11,831.5	5.9	-	-
1990	20,200.1	7.3	-	-
1991	21,036.3	6.9	-	-
1992	20,592.6	6.4	70,781.1	8.1
1993	21,421.5	6.0	64,113.7	9.2
1994	23,191.8	6.2	60,811.7	8.4
1995	24,803.9	6.3	56,718.4	8.0
1996	27,853.5	6.6	130,127.2	16.5
1997	30,844.8	6.6	66,254.3	8.9
1998	35,761.6	7.0	69,153.3	8.5
1999	39,463.5	7.4	99,382.1	11.9

:

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

2-8G.

1

Library Books per Student in Junior Colleges & Industrial Universities



2-9.

1

Size of Classroom per Student in Junior Colleges & Industrial Universities

: m²m²

	Junior Colleges		Industrial Universities (Polytechnic Universities)	
	1		1	
	Area per Student	Total Area	Area per Student	Total Area
1990	0.72	448,308	0.52	99,428
1991	0.76	472,928	1.00	57,266
1992	0.75	541,814	1.00	70,073
1993	0.78	587,225	1.12	74,994
1994	0.77	661,475	1.30	77,746
1995	0.83	683,700	1.21	100,116
1996	0.87	736,632	1.15	123,288
1997	0.90	802,597	1.01	139,706
1998	3.95	3,170,646	3.61	528,568
1999	4.15	3,569,589	3.88	614,293

Source : Ministry of Education,
Statistical Yearbook of Education, various year.

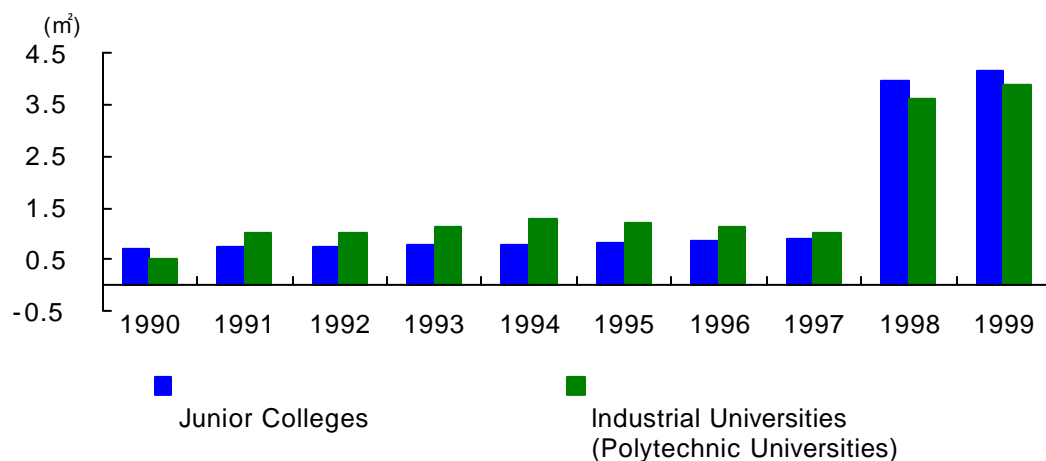
: 1998

The data for 1998 & 1999 does not indicate the classroom area per student, but the area of the total educational facility per student.

2-9G.

1

Size of Classroom per Student in Junior Colleges & Industrial Universities



2-10.
Expenditures on Vocational Education in MOE Budget

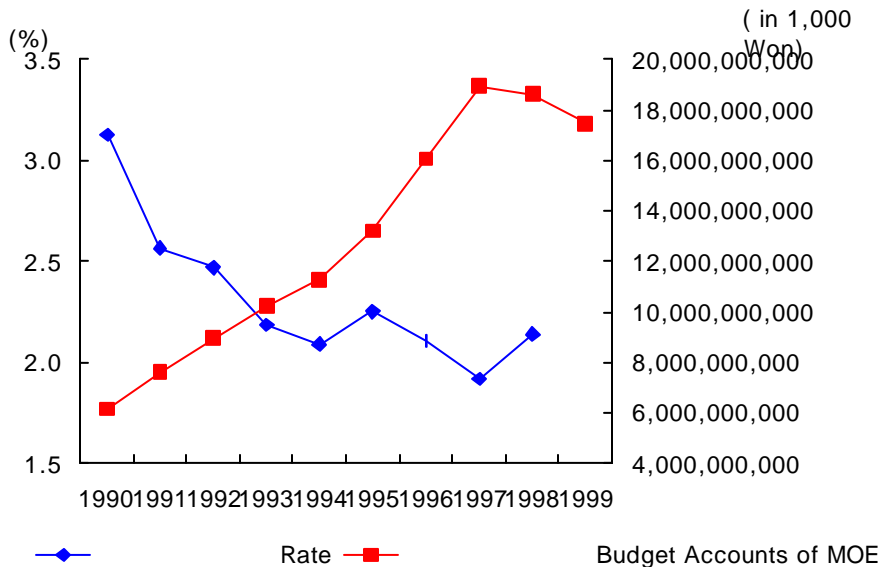
: 1,000 , %

In 1,000 Won, %

	Government Budget	Total MOE Expenditures		Expend on Vocational Education	Rate
1980	5,804,061,441	1,187,804,408	18.9	55,911,529	4.7
1985	12,532,361,835	2,566,041,041	19.9	90,987,812	3.5
1990	22,689,432,968	6,168,974,911	22.3	192,889,998	3.1
1991	28,972,825,000	7,618,642,936	22.8	195,439,640	2.6
1992	36,223,971,000	8,946,973,128	22.7	221,080,476	2.5
1993	41,936,226,000	10,224,807,015	23.4	223,492,256	2.2
1994	47,593,865,794	11,278,941,616	22.9	235,859,563	2.1
1995	54,845,022,310	13,216,474,042	22.8	297,754,240	2.3
1996	64,926,817,730	16,073,791,813	24.0	338,690,318	2.1
1997	76,639,467,222	18,939,884,505	23.9	363,191,386	1.9
1998	77,737,582,000	18,636,134,873	23.3	398,786,407	2.1
1999	88,302,427,989	17,456,265,315	19.8	-	-

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

2-10G.
Expenditures on Vocational Education in MOE Budget



2-11.

1

Annual Cost and Annual Practice Cost per Student in Polytechnic Colleges & Vocational Training Institutes

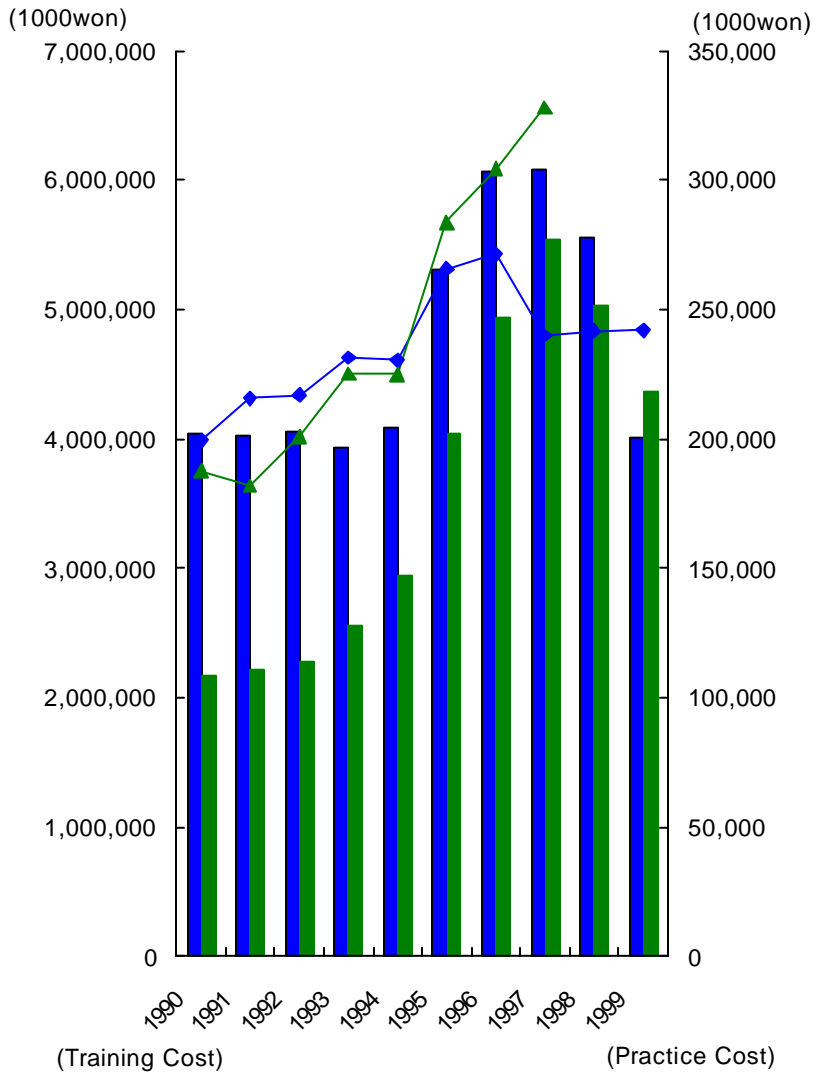
In 1000 Won

	1) Polytechnic Colleges		2) Vocational Training Institutes	
	3)		4)	
	Training Cost	Practice Cost	Training Cost	Practice Cost
1980	-	-	676,386	114,323
1981	-	-	791,553	131,864
1982	-	-	1,249,041	150,848
1983	2,987,146	135,198	1,410,884	166,211
1984	3,283,196	228,334	1,509,717	205,218
1985	3,302,953	218,388	1,619,073	202,125
1986	3,549,638	218,388	1,738,400	201,093
1987	3,674,377	220,303	1,840,672	205,816
1988	3,838,904	215,703	2,122,063	204,111
1989	3,781,873	199,287	2,061,752	187,951
1990	4,045,807	199,287	2,175,571	187,641
1991	4,031,534	215,720	2,220,292	181,988
1992	4,061,797	216,847	2,278,783	201,094
1993	3,938,255	231,385	2,562,107	225,275
1994	4,086,410	230,257	2,945,596	224,954
1995	5,304,045	265,580	4,040,081	283,640
1996	6,060,800	271,246	4,930,600	304,219
1997	6,081,230	239,883	5,543,680	327,966
1998	5,547,022	241,728	5,035,110	-
1999	4,008,388	241,960	4,360,240	-

Source : Ministry of Labour,
Yearbook of Vocational Training, various years.

- 1) 1994
Until 1994, the cost in polytechnic colleges is based on the cost of the Changwon Polytechnic College.
- 2) 1991
Until 1991, the cost in vocational training institutes is based on the cost of the vocational training institutes administered by Korea Manpower Agency.
- 3)
Practice cost for polytechnic colleges is based on the cost in the apprentice courses.
- 4) 1989
The practice cost for V.T.I. is based on 1st class skilled worker courses, which was terminated in 1998. Therefore, the data is missing in 1998 & 1999.

**Annual Cost and Annual Practice Cost per Student
in Polytechnic Colleges & Vocational Training Institutes**



	Training Cost in P.C.		Training Cost in
	Practice Cost in P.C.		Practice Cost in

3-1. Number of Vocational Schools by Education Level

In each

	Total of High School	Vocational High Schools	Vocational High Schools Ratio %	High Universities	Junior Colleges	Industrial Universities (Polytechnic Universities)
1980	1,353	605	44.7	85	128	—
1985	1,602	635	39.6	100	120	6
1990	1,683	587	34.9	107	117	6
1991	1,702	617	36.3	115	118	8
1992	1,735	677	39.0	121	126	8
1993	1,757	718	40.9	127	128	12
1994	1,784	738	41.4	131	135	14
1995	1,830	762	41.6	131	145	17
1996	1,856	771	41.5	134	152	18
1997	1,892	771	40.8	150	155	19
1998	1,921	772	40.2	156	158	18
1999	1,943	762	39.2	158	161	19

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

3-2.

Number of Vocational High Schools by School Type

: , (%)

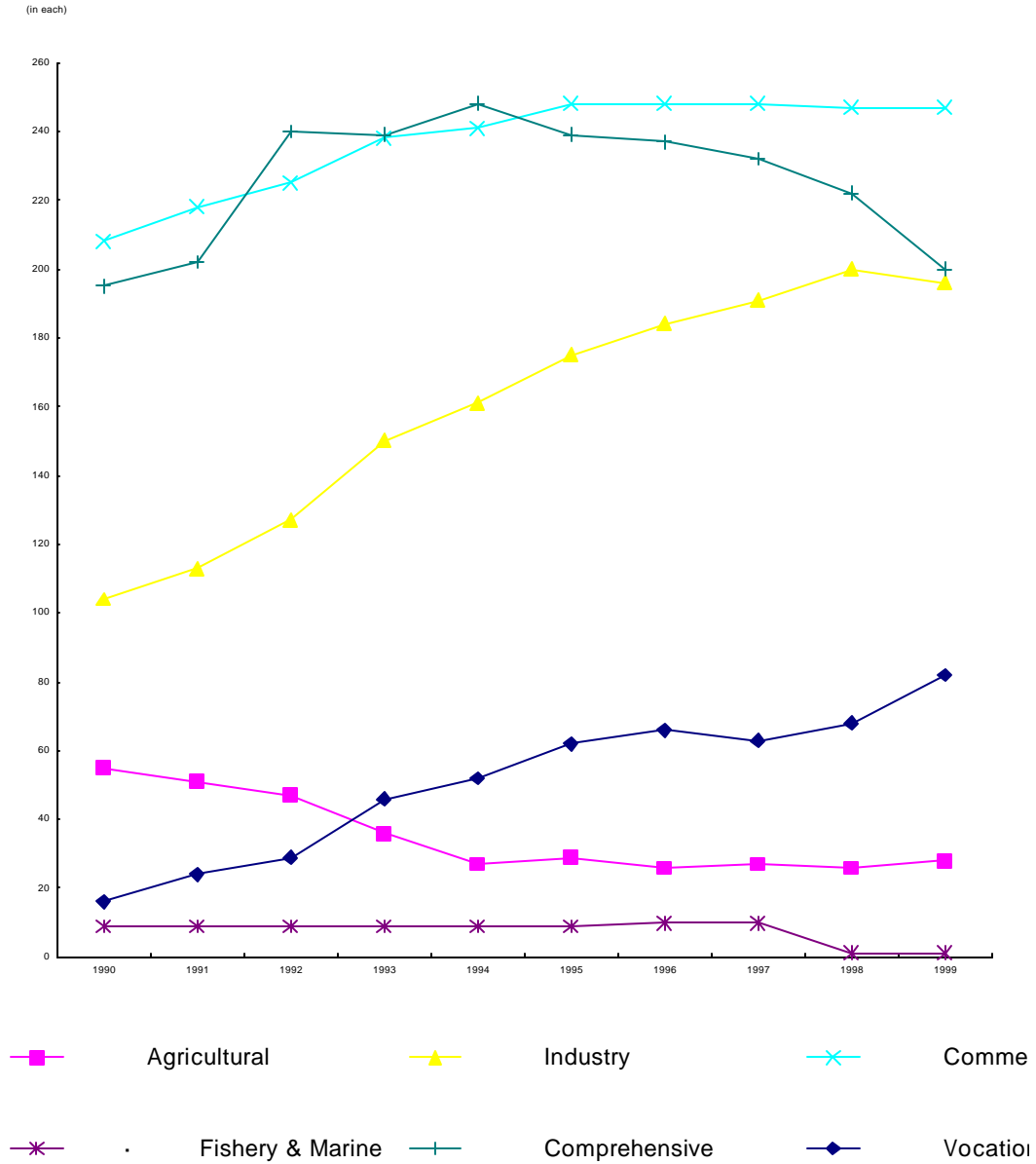
In each, (%)

	Total	Agricultural	Technical	Commercial	Fishery & Marine	Comprehensive	Vocational
1985	635 (100.0)	61 (9.6)	102 (16.1)	227 (35.7)	9 (1.4)	204 (32.1)	32 (5.0)
1990	587 (100.0)	55 (9.4)	104 (17.7)	208 (35.4)	9 (1.5)	195 (33.2)	16 (2.7)
1991	617 (100.0)	51 (8.3)	113 (18.3)	218 (35.3)	9 (1.5)	202 (32.7)	24 (3.9)
1992	677 (100.0)	47 (6.9)	127 (18.8)	225 (33.2)	9 (1.3)	240 (35.5)	29 (4.3)
1993	718 (100.0)	36 (5.0)	150 (20.9)	238 (33.1)	9 (1.3)	239 (33.3)	46 (6.4)
1994	738 (100.0)	27 (3.7)	161 (21.8)	241 (32.7)	9 (1.2)	248 (33.6)	52 (7.0)
1995	762 (100.0)	29 (3.8)	175 (23.0)	248 (32.5)	9 (1.2)	239 (31.4)	62 (8.1)
1996	771 (100.0)	26 (3.4)	184 (23.9)	248 (32.2)	10 (1.3)	237 (30.7)	66 (8.6)
1997	771 (100.0)	27 (3.5)	191 (24.8)	248 (32.2)	10 (1.3)	232 (30.1)	63 (8.2)
1998	772 (100.0)	26 (3.4)	200 (25.9)	247 (32.0)	9 (1.2)	222 (28.8)	68 (8.8)
1999	762 (100.0)	28 (3.7)	196 (25.7)	247 (32.4)	9 (1.2)	200 (26.2)	82 (10.8)

:

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

3-2G. Number of Vocational High Schools by School Type



3-3. Number of Vocational Training Institutions and Trades

In each, Kind

	Total		Public		In-Plant		Authorized	
	V.T.I. ¹⁾	Trade	V.T.I.	Trade	V.T.I.	Trade	V.T.I.	Trade
1980	590	244	90	100	472	116	28	28
1985	312	177	78	57	185	85	49	35
1990	310	268	79	122	122	91	109	55
1991	397	223	80	77	211	94	106	52
1992	407	262	81	57	220	148	106	57
1993	451	287	87	112	232	115	132	60
1994	468	357	90	171	239	115	139	71
1995	450	360	89	174	233	115	128	71
1996	444	426	92	223	219	158	133	45
1997	477	377	96	198	242	124	139	55
1998	510	383	95	188	237	112	178	83

: , , 1998.

, 1999. 8.

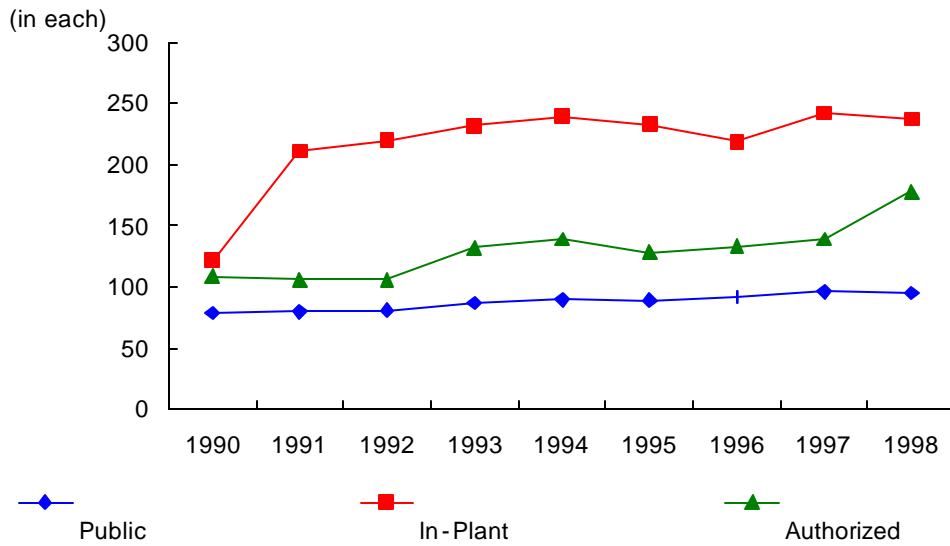
Source : Ministry of Labour,
Yearbook of Labour Statistics, 1998.
Review of Vocational Ability

Training Project, 1999. 8.

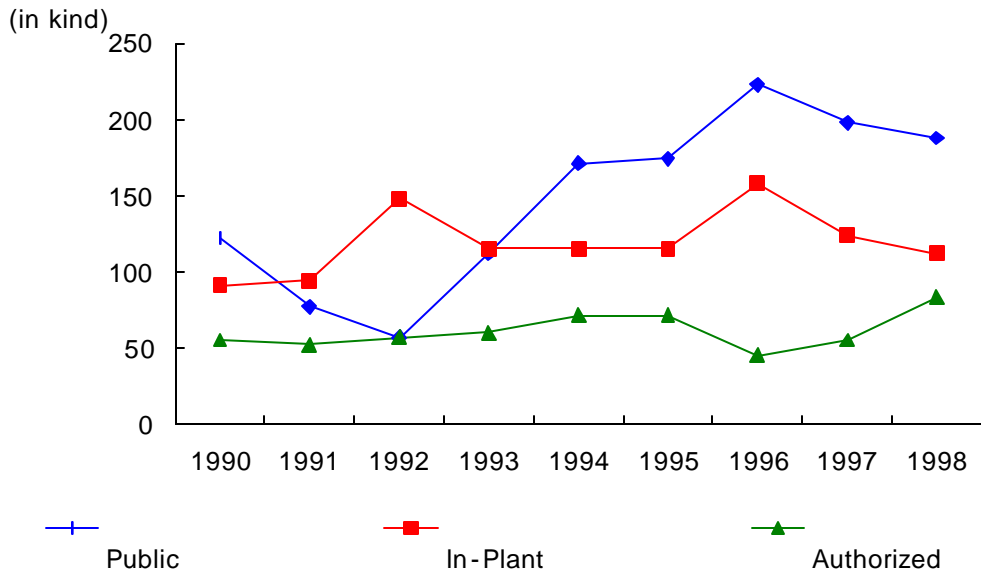
Development

1) V.T.I. : Vocational Training Institutions

3-3G1. Number of Vocational Training Institutions



3-3G2. Number of Training Trades by Institution Type



3-4.

Number of Public Vocational Training Institutions by Governmental Agency

:

In establishment

	Total	Korea Manpower Agency	Korea Chamber of Commerce & Industry	Government	Local Administration	Korea Employment Promotion Agency the Disabled
1985	78	25	—	37	16	—
1990	82	37	—	38	7	—
1991	80	36	—	37	7	—
1992	80	36	—	37	7	—
1993	87	39	—	38	9	1
1994	90	38	4	38	9	1
1995	89	38	4	37	9	1
1996	91	38	6	37	9	1
1997	96	41	8	37	9	1
1998	95	40	8	37	9	1

: , 1998.

, 1999. 8.

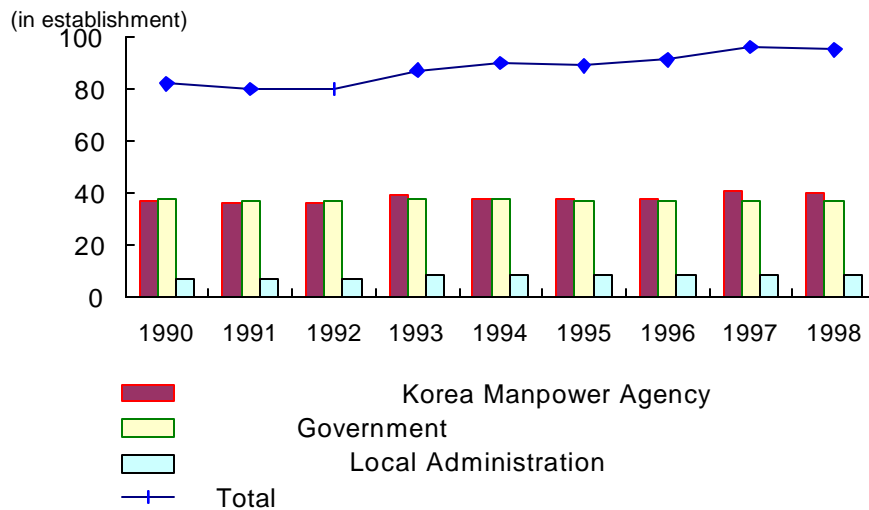
Source : Ministry of Labour,
Yearbook of Labour Statistics, 1998.
Review of Vocational Ability

Development

Training Project, 1999. 8.

3-4G.

Number of Public Vocational Training Institutions by Governmental Agency



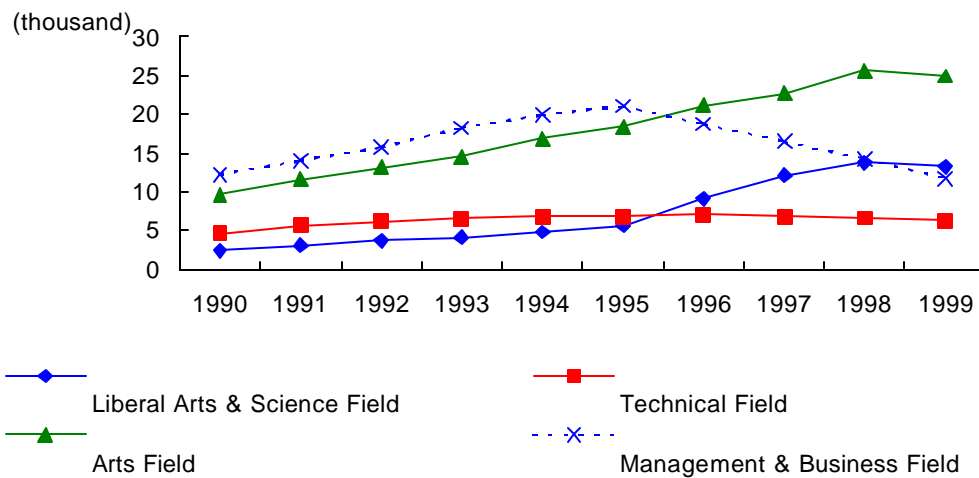
3-5. Number of Private Institutes

In each

	Total	Liberal Arts & Sciences	Technical	Arts	Management & Business	Home Economics	Physical Course	Others
1980	5,023	381	651	1,485	1,367	162	918	59
1985	11,196	544	1,250	4,293	3,428	129	1,310	242
1990	28,862	2,359	4,629	9,615	12,179	80	-	-
1991	34,429	3,063	5,670	11,611	14,006	79	-	-
1992	38,865	3,690	6,188	13,142	15,746	99	-	-
1993	43,599	4,087	6,568	14,560	18,262	122	-	-
1994	48,476	4,784	6,770	16,839	19,936	147	-	-
1995	52,058	5,630	6,770	18,385	21,093	180	-	-
1996	56,133	9,119	7,078	21,197	18,739	-	-	-
1997	58,134	12,133	6,804	22,725	16,472	-	-	-
1998	60,222	13,727	6,617	25,670	14,208	-	-	-
1999	56,120	13,204	6,228	24,951	11,737	-	-	-

Source : Ministry of Education, Statistical Yearbook of Education, various years.

3-5G. Number of Private Institutes



3-6.

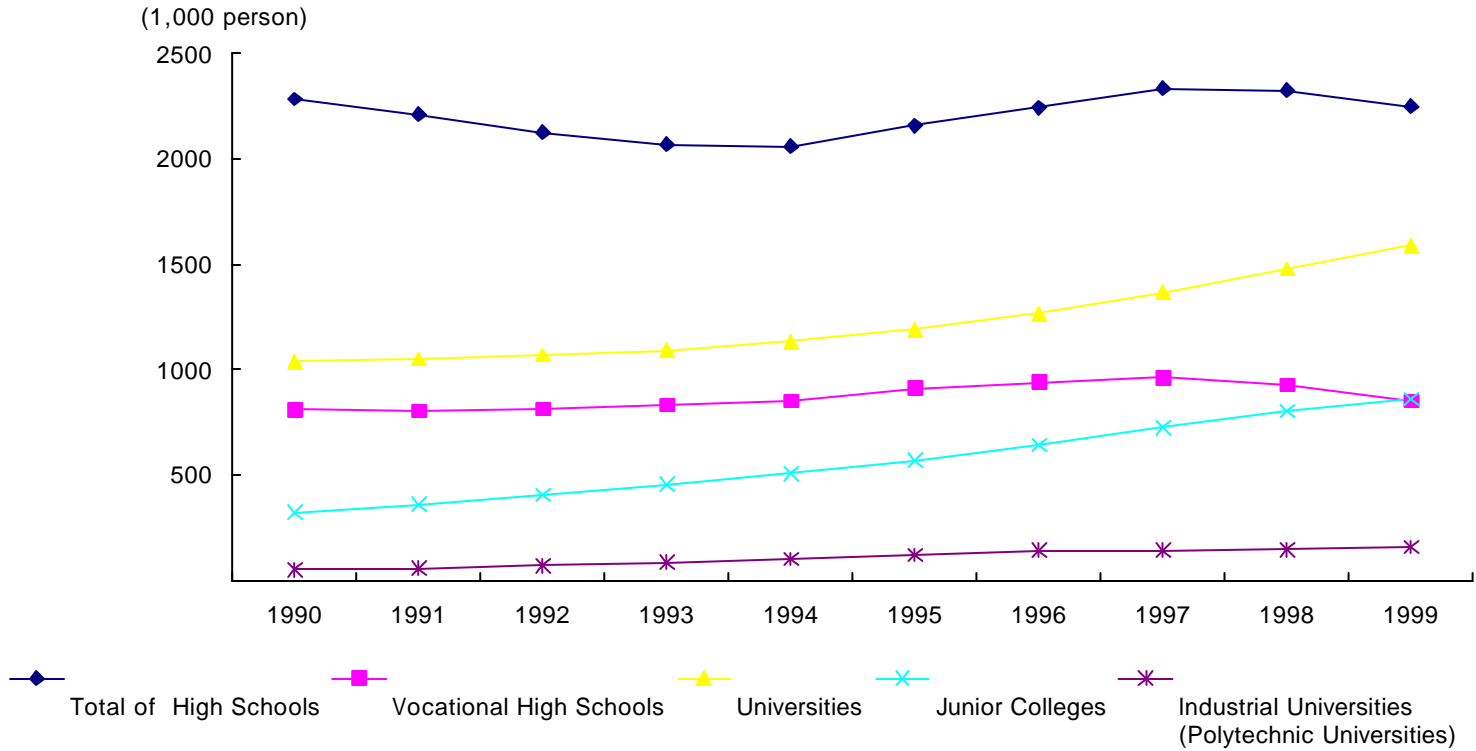
Number of Vocational School Students by Education Level

In person

	Total High Schools		Vocational High Schools		Universities		Junior Colleges		Industrial Universities (Polytechnic Universities)	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
1980	1,696,792	722,394	764,187	322,078	402,979	90,634	151,199	39,883	–	–
1985	2,152,802	992,231	885,962	437,038	931,884	250,088	242,114	87,123	24,719	2,485
1990	2,283,806	1,073,189	810,651	428,097	1,040,166	296,129	323,825	119,345	51,970	7,867
1991	2,210,912	1,046,341	804,021	427,714	1,052,140	308,193	359,049	131,414	57,381	10,259
1992	2,125,573	1,012,405	812,492	432,469	1,070,169	321,315	404,996	146,250	70,205	12,811
1993	2,069,210	990,729	832,028	441,371	1,092,464	334,568	456,227	165,567	83,904	15,957
1994	2,060,825	989,380	851,495	448,764	1,132,437	351,106	506,806	186,509	101,412	19,972
1995	2,157,880	1,038,596	911,453	480,697	1,187,735	378,418	569,820	214,310	120,670	24,464
1996	2,243,307	1,081,507	939,433	489,689	1,266,876	415,302	642,697	251,266	141,826	30,029
1997	2,336,725	1,128,098	960,037	494,059	1,368,461	463,739	724,741	277,658	141,099	30,958
1998	2,326,880	1,123,119	927,486	469,795	1,477,715	515,869	801,681	301,351	146,563	32,471
1999	2,251,140	1,081,623	851,751	418,809	1,587,667	559,836	859,547	319,687	158,444	34,619

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

3-6G.
Number of Vocational School Students by Education Level



3-7.

Enrollment in Vocational High Schools by Field of Study

In person

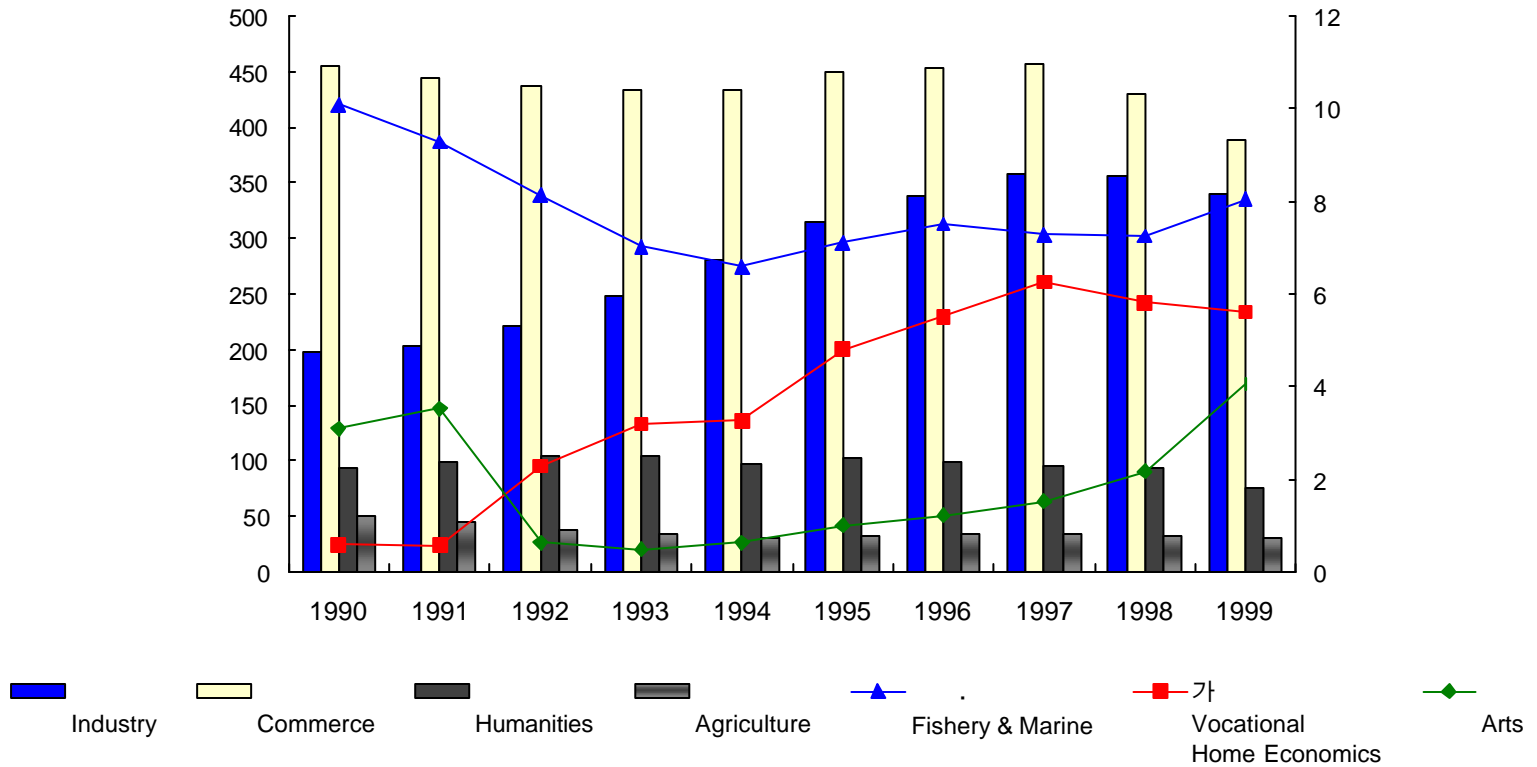
	Total	Agriculture	Industry	Commerce	Fishery & Marine	가 Vocational Home Economics	Humanities	Arts
1985	885,962	63,950	223,494	477,900	10,753	4,859	105,006	-
1990	810,651	49,586	198,394	454,806	10,095	587	94,095	3,088
1991	804,021	44,082	203,593	444,113	9,278	564	98,878	3,513
1992	812,492	37,809	221,675	437,070	8,125	2,281	104,899	633
1993	830,947	33,109	248,755	433,752	7,027	3,182	104,644	478
1994	851,495	31,084	279,885	432,722	6,589	3,271	97,312	632
1995	911,453	32,405	315,093	448,732	7,105	4,807	102,312	999
1996	939,433	33,726	338,871	453,169	7,505	5,504	99,433	1,225
1997	960,037	34,632	358,614	456,327	7,283	6,250	95,420	1,511
1998	927,486	32,678	356,172	430,745	7,254	5,803	92,584	2,171
1999	851,751	29,648	340,428	387,880	8,037	5,600	75,741	4,057

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

3-7G. Enrollment in Vocational High Schools by Field of Study

(1,000 person)

(1,000 person)



3-8. Ratio of Vocational High School Students to General High School Students

	In person, (%)									
	Total	General High School(A)	Vocational High School							(A)/(B)
			Total(B)	Agri.	Tech.	Commer.	Fish. & Mar.	Compr.	Voc.	
1980	1,691,109	932,605 (55.1)	758,504 (44.9)	53,678 (7.1)	200,367 (26.4)	323,816 (42.7)	7,096 (0.9)	21,121 (16.0)	52,426 (6.9)	1.23
1985	2,288,406	1,266,840 (55.4)	1,021,566 (44.6)	63,950 (6.3)	223,494 (21.9)	477,900 (46.8)	10,753 (1.1)	203,659 (19.9)	41,810 (4.1)	1.24
1990	2,383,836	1,473,155 (61.8)	910,681 (38.2)	49,586 (5.4)	198,394 (21.8)	454,806 (49.9)	10,095 (1.1)	181,094 (19.9)	16,706 (1.8)	1.62
1991	2,308,187	1,406,891 (61.0)	901,296 (39.0)	44,082 (4.9)	203,593 (22.6)	444,113 (49.3)	9,278 (1.0)	179,748 (19.9)	20,482 (2.3)	1.56
1992	2,231,235	1,313,081 (58.8)	918,154 (41.2)	37,809 (4.1)	221,675 (24.1)	437,070 (47.6)	8,125 (0.9)	186,451 (20.3)	27,024 (2.9)	1.43
1993	2,186,140	1,237,182 (56.6)	948,958 (43.4)	33,109 (3.5)	249,499 (26.3)	433,830 (45.7)	7,027 (0.7)	183,968 (19.4)	41,525 (4.4)	1.30
1994	2,194,214	1,209,330 (55.1)	984,884 (44.9)	31,084 (3.2)	279,885 (28.4)	432,722 (43.9)	6,589 (0.7)	185,706 (18.9)	48,898 (5.0)	1.23
1995	2,303,899	1,246,427 (54.1)	1,057,472 (45.9)	32,405 (3.1)	315,093 (29.8)	448,732 (42.4)	7,105 (0.7)	188,484 (17.8)	65,653 (6.2)	1.18
1996	2,390,494	1,303,874 (54.5)	1,086,620 (45.5)	33,726 (3.1)	338,871 (31.2)	453,169 (41.7)	7,505 (0.7)	184,693 (17.0)	68,656 (6.3)	1.20
1997	2,480,738	1,376,688 (55.5)	1,104,050 (44.5)	34,632 (3.1)	358,614 (32.5)	456,327 (41.3)	7,283 (0.7)	177,933 (16.1)	69,261 (6.3)	1.25
1998	2,326,880	1,399,394 (60.1)	927,486 (39.9)	20,838 (0.9)	316,828 (13.6)	342,644 (14.7)	6,983 (0.3)	171,513 (7.4)	68,680 (3.0)	1.51
1999	2,251,140	1,399,389 (62.2)	851,751 (37.8)	20,517 (0.9)	295,930 (13.1)	320,156 (14.2)	6,739 (0.3)	130,049 (5.8)	78,360 (3.5)	1.64

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

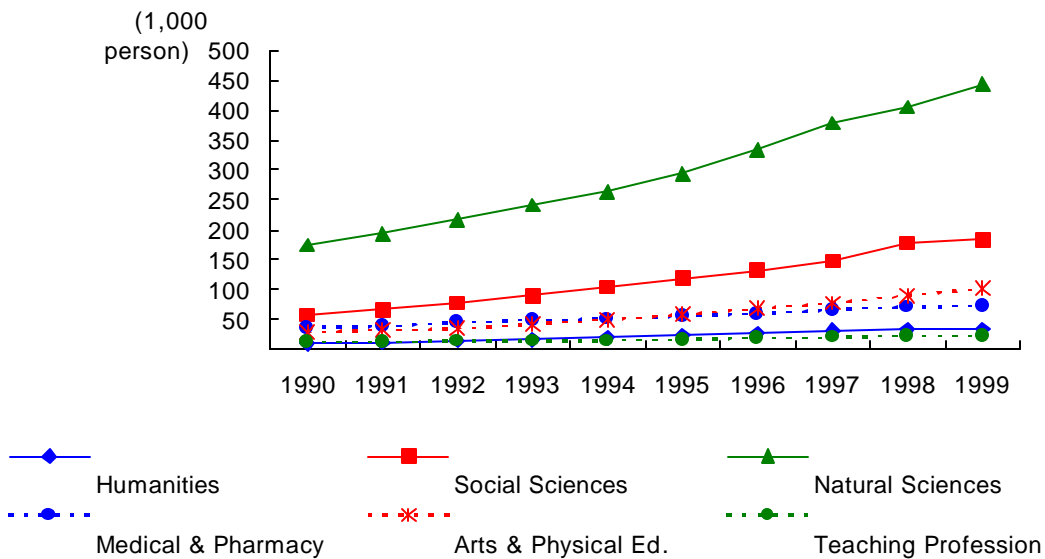
3-9. Junior College Students by Field of Study

In person

	Total	Humanities	Social Sciences	Natural Sciences	Medical & Pharmacy	Arts & Physical Ed.	Teaching Profession
1980	151,199	–	15,764	116,480	12,244	6,711	–
1985	242,114	4,799	44,164	128,033	31,974	18,706	14,438
1990	323,825	10,419	58,441	174,815	37,532	28,759	13,859
1991	359,049	12,105	67,224	193,785	38,736	33,073	14,126
1992	404,996	14,638	77,730	217,454	45,565	35,359	14,250
1993	456,227	17,198	90,994	241,528	49,783	42,498	14,226
1994	506,806	20,705	104,956	263,748	51,905	50,269	15,223
1995	569,820	25,114	118,505	294,477	56,142	58,641	16,941
1996	642,697	28,330	132,262	334,061	59,868	68,790	19,386
1997	724,741	31,853	148,351	378,657	66,942	77,822	21,116
1998	801,681	34,448	178,341	404,964	71,808	90,085	22,035
1999	859,547	34,461	183,617	443,127	72,264	102,405	23,673

Source : Ministry of Education, Statistical Yearbook of Education, various years.

3-9G. Junior College Students by Field of Study



3-10.

Number of Vocational Trainees

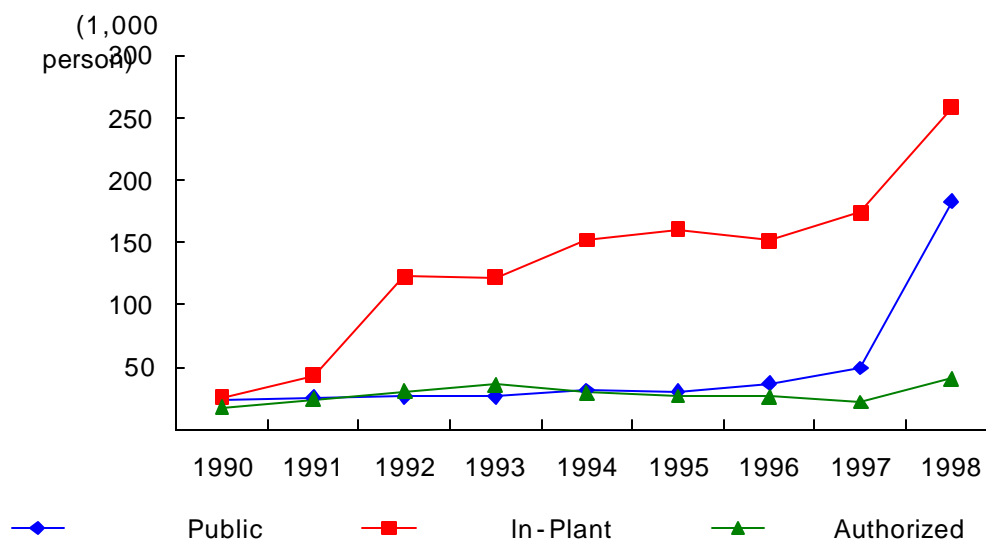
	In person							
	Total	Public					In-Plant	Authorized
		sub-total	KMA	Government	Local Administration	Others		
1980	104,480	31,131	15,007	8,330	7,191	603	66,213	7,136
1985	55,385	22,583	12,957	6,787	2,521	318	23,876	8,926
1990	67,702	24,441	17,343	4,254	2,844	-	25,690	17,571
1991	93,503	25,950	18,465	4,433	3,052	-	43,304	24,249
1992	178,864	26,131	18,116	5,082	2,933	-	122,457	30,276
1993	184,034	26,206	18,407	4,991	2,615	193	122,151	35,677
1994	213,005	31,671	22,704	4,815	2,104	2,048	152,030	29,304
1995	217,660	30,508	21,220	4,825	2,248	2,215	160,413	26,739
1996	214,259	36,644	25,615	4,570	3,008	3,451	151,303	26,312
1997	245,044	49,257	36,970	4,355	2,287	5,645	173,686	22,101
1998	481,595	182,853	169,153	3,011	2,380	8,309	258,037	40,705

Source : Ministry of Labour, Yearbook of Labour statistics, various years.

1) Others include KEPAD, KNOP, KCCI.

3-10G.

Number of Vocational Trainees



3-11. Number of Vocational Trainees by Training Field

In person, %

	Total	Machin- ery	Metal	Chemistr y & Ceramic s	Elec- tricity	Elec- tronics	Commu- nicatio n	Ship- buildin g	Aviatio n	Civil Engin- eerin g	Constru- ction	Textile	Minin g	Data Proc- essing	Agricul- ture & Forestr y	Craft Work	Applied Industry	Service	Clerical Man- agemen	VOC. Compe- tency
1993	184,034 (100.0)	45,996 (25.0)	1,391 (0.8)	4,998 (2.7)	9,356 (5.1)	13,795 (7.5)	1,405 (0.8)	992 (0.5)	644 (0.3)	412 (0.2)	6,174 (3.4)	5,509 (3.0)	265 (0.1)	16,566 (9.0)	635 (0.3)	1,622 (0.9)	4,233 (2.3)	4,623 (2.5)	2,269 (1.2)	63,269 (34.4)
1994	213,005 (100.0)	48,915 (23.0)	1,431 (0.7)	4,114 (1.9)	8,404 (3.9)	13,772 (6.5)	3,660 (1.7)	1,031 (0.5)	1,833 (0.9)	395 (0.2)	5,478 (2.6)	5,307 (2.5)	83 (0.0)	12,992 (6.1)	434 (0.2)	1,801 (0.8)	4,408 (2.1)	4,468 (2.1)	2,288 (1.1)	92,191 (43.3)
1995	217,733 (100.0)	38,781 (17.8)	1,753 (0.8)	3,149 (1.4)	6,035 (2.8)	16,530 (7.6)	5,265 (2.4)	945 (0.4)	2,168 (1.0)	243 (0.1)	4,963 (2.3)	4,356 (2.0)	109 (0.1)	10,010 (4.6)	336 (0.2)	1,689 (0.8)	2,168 (1.0)	3,386 (1.6)	13,004 (6.0)	102,848 (47.2)
1996	213,259 (100.0)	34,929 (16.4)	1,568 (0.7)	2,346 (1.1)	5,845 (2.7)	10,907 (5.1)	4,691 (2.2)	1,044 (0.5)	1,622 (0.8)	518 (0.2)	3,850 (1.8)	3,298 (1.5)	107 (0.1)	8,917 (4.2)	141 (0.1)	1,425 (0.7)	4,253 (2.0)	3,334 (1.6)	2,502 (1.2)	122,962 (57.7)
1997	245,044 (100.0)	34,920 (14.3)	2,228 (0.9)	2,853 (1.2)	6,536 (2.7)	11,889 (4.9)	4,049 (1.7)	1,422 (0.6)	1,296 (0.5)	747 (0.3)	4,650 (1.9)	3,347 (1.4)	105 (0.0)	9,082 (3.7)	989 (0.4)	1,976 (0.8)	6,135 (2.5)	4,565 (1.9)	6,104 (2.5)	142,241 (58.0)
1998	481,595 (100.0)	63,229 (13.1)	5,521 (1.1)	3,881 (0.8)	16,592 (3.4)	9,982 (2.1)	6,387 (1.3)	3,944 (0.8)	1,407 (0.3)	429 (0.1)	15,003 (3.1)	7,415 (1.5)	87 (0.0)	17,051 (3.5)	3,642 (0.8)	5,967 (1.2)	10,841 (2.3)	13,255 (2.8)	7,198 (1.5)	289,764 (60.2)

: , % , 1999. 8.

Source : Ministry of Labour, *Review of Vocational Ability Development Training Projects*, 1999. 8.

: () .

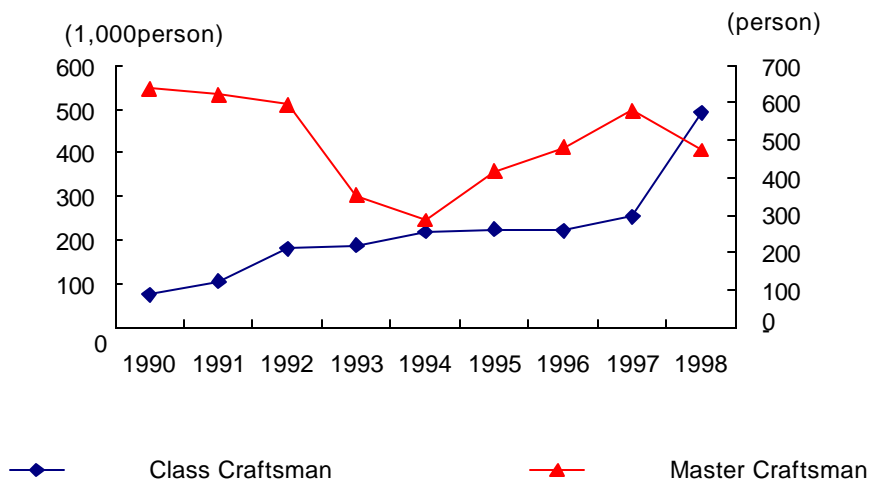
The numbers in parentheses are percentage distributions.

3-12. Number of Vocational Trainees by Skill Level

	In person					
	Total	Class Craftsman	Technician	Master Craftsman	Training Instructor	Supervisor & Manager
1980	105,696	104,480	–	–	1,216	–
1985	56,714	55,385	243	127	959	–
1990	75,463	67,702	–	637	225	6,899
1991	104,558	93,503	–	622	194	10,239
1992	180,018	178,864	–	594	560	–
1993	188,408	184,034	–	352	4,022	–
1994	218,239	213,005	961	286	3,987	–
1995	223,935	217,660	3,004	417	2,854	–
1996	222,094	214,259	4,733	480	2,622	–
1997	253,558	245,044	5,843	579	2,092	–
1998	491,529	481,595	7,177	474	2,283	–

Source : Ministry of Labour,
Yearbook of Labour Statistics, various years.
Review of Vocational Ability Development Training Project, 1999. 8.

3-12G. Number of Vocational Trainees by Skill Level



3-13. Attendants of Private Institutes by Field

In person

	1)									
	Total		Liberal Arts & Science		Technical		Arts		Management & Business	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
1980	411,162	183,748	117,618	35,905	52,030	12,076	52,808	35,261	123,922	87,147
1985	654,039	292,967	126,456	37,568	72,503	21,056	129,752	86,166	232,352	129,353
1990	1,793,583	856,457	408,205	145,616	267,289	94,847	383,569	241,286	731,138	372,277
1991	2,193,947	1,048,391	519,237	193,999	357,474	134,234	455,831	287,590	857,007	429,376
1992	2,541,065	1,229,147	596,607	227,614	422,751	164,952	553,674	346,294	961,899	485,560
1993	2,733,899	1,339,868	626,192	246,402	427,509	178,515	616,556	387,708	1,058,119	522,847
1994	3,065,918	1,497,382	778,378	312,150	454,766	199,251	701,474	434,870	1,124,540	545,770
1995	3,230,275	1,606,536	879,993	375,574	435,869	193,465	721,381	457,183	1,185,096	573,887
1996	3,438,802	1,729,678	1,146,704	509,432	452,391	219,436	848,656	519,935	991,051	480,875
1997	3,537,673	1,783,962	1,298,773	592,055	432,518	210,087	892,498	539,162	913,884	442,658
1998	3,130,951	1,585,181	1,149,656	515,788	378,348	189,021	901,912	538,523	701,035	341,849
1999	3,153,532	1,599,850	1,216,194	555,156	399,252	201,112	608,686	294,127	929,400	549,455

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

1) 가 , 가 .
The total includes attendants also in the field of home economics, physical education, and other fields.

3-14. ()
Discontinuation of Study among Vocational High School Students by Reason

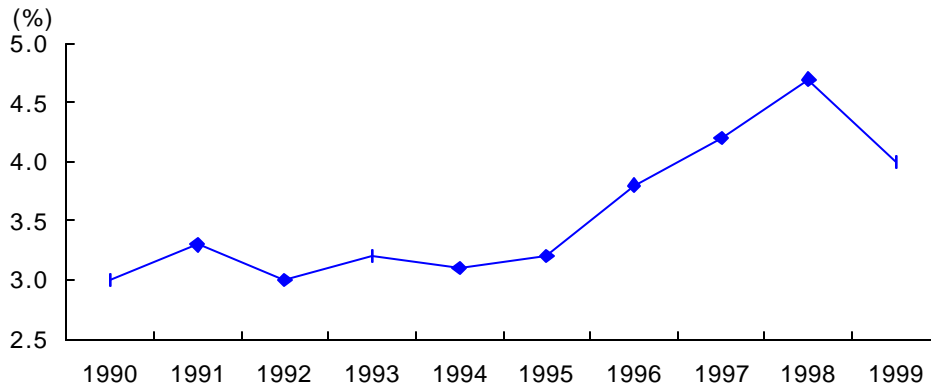
: , %

In person, %

	Removals from A Register, Drop-outs, and Absentees for A Semester or More						Discontinuation Rate
	Total	Death	Disease	가 Domestic Affairs	Behavior	Others	
1980	16,675	-	2,135	9,390	-	5,150	2.1
1985	36,403	-	2,401	22,998	-	11,004	4.1
1990	24,641	-	940	15,313	-	8,388	3.0
1991	26,216	-	991	15,391	-	9,834	3.3
1992	24,517	-	1,024	13,445	-	10,048	3.0
1993	26,899	-	1,159	14,476	-	11,264	3.2
1994	26,651	-	1,057	13,640	-	11,954	3.1
1995	29,045	-	1,179	13,886	-	13,980	3.2
1996	36,133	504	1,142	15,589	8,764	10,134	3.8
1997	40,066	567	1,088	16,640	12,635	9,136	4.2
1998	43,212	527	1,127	16,470	14,278	10,810	4.7
1999	33,714	380	1,131	11,673	2,961	17,569	4.0

Source : Ministry of Education,
Statistics Yearbook of Education, various years.

3-14G.
Discontinuation Rate of Vocational High School Students



3-15.
Annual Mobility of Junior College Students

In person

	Total		Absentees for a Semester or Longer		Reinstated to School		Removed from the Register		Returned to Original Register		Transferred In		Transferred Out	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
1980	15,968	1,717	8,863	233	1,403	77	4,754	872	85	12	753	488	105	35
1985	48,054	6,122	19,500	1,330	10,652	578	16,623	3,962	491	62	710	185	78	5
1990	74,500	4,126	44,571	1,476	22,020	927	7,430	1,623	300	22	177	76	2	2
1991	83,805	4,844	49,709	1,593	26,009	1,022	7,224	1,863	355	31	507	334	1	1
1992	97,050	5,111	58,393	1,819	29,818	1,137	8,320	1,999	260	24	258	132	1	—
1993	106,903	5,852	64,016	2,423	33,817	1,242	8,393	2,034	150	11	526	141	1	1
1994	124,511	8,635	72,659	3,069	38,945	1,564	9,444	2,448	616	80	382	91	2,465	1,383
1995	136,660	10,868	75,807	3,640	44,412	1,905	14,675	4,371	512	76	114	29	1,140	847
1996	162,102	14,973	90,711	4,949	50,222	2,372	19,066	6,555	598	136	525	234	980	727
1997	181,746	20,180	109,361	7,087	48,097	3,622	20,688	7,763	678	186	1,577	473	1,345	1,049
1998	252,883	30,243	160,153	12,977	60,782	5,029	30,440	11,672	1,331	522	40	19	137	24
1999	267,185	40,230	163,774	19,110	62,421	6,450	39,191	14,172	1,191	364	148	71	460	63

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

3-16. 1
Number of Students per Teacher by Vocational Education Level

In person

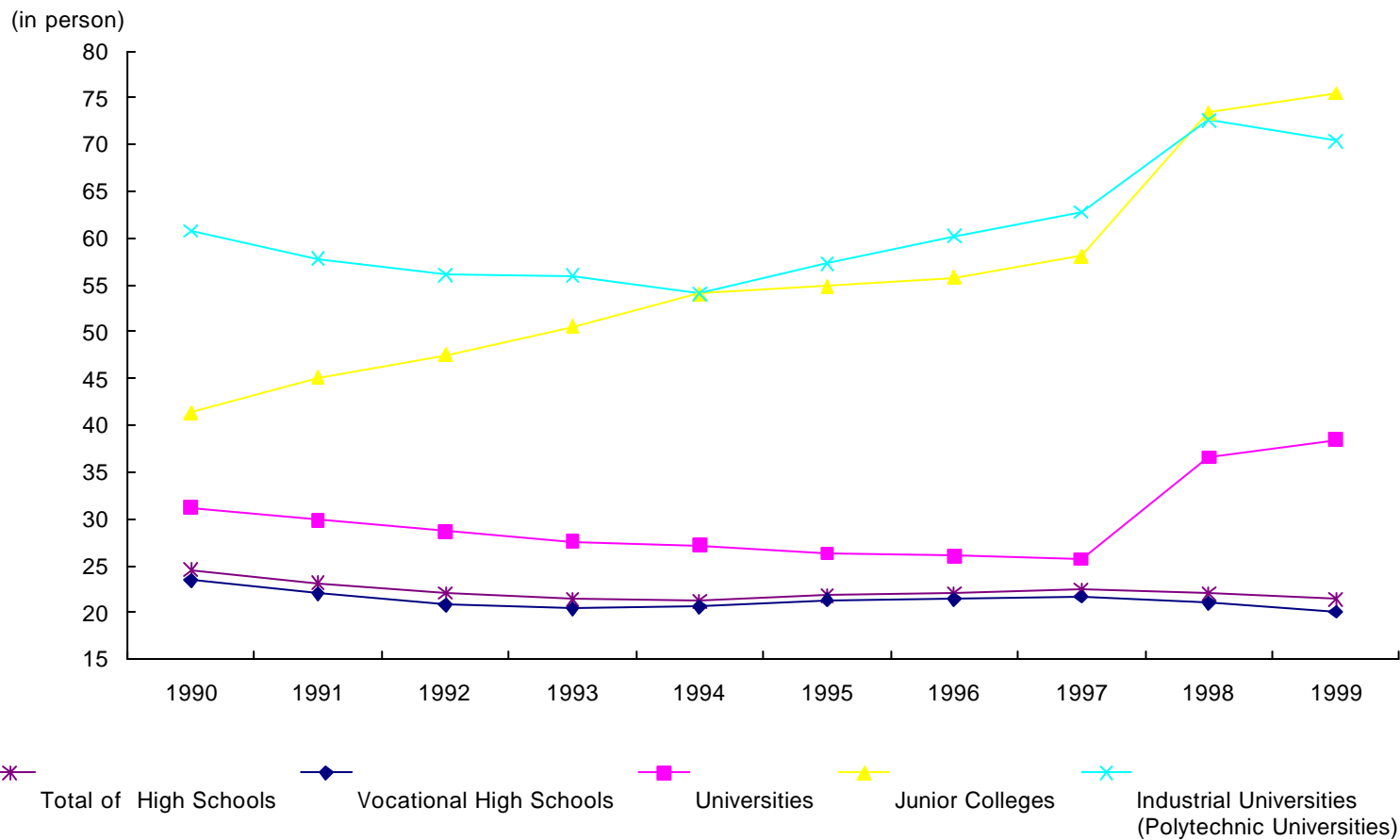
	Total High Schools		Vocational High Schools		Universities		Junior Colleges		Industrial Universities (Polytechnic Universities)	
	Teachers	Students per Teacher	Teachers	Students per Teacher	Teachers	Students per Teacher	Teachers	Students per Teacher	Teachers	Students per Teacher
1980	50,948	33.3	23,468	32.3	14,458	27.9	5,488	30.1	–	–
1985	69,546	31.0	29,506	30.0	26,047	35.8	6,406	37.8	–	–
1990	92,683	24.6	34,609	23.4	33,340	31.2	7,832	41.3	855	60.8
1991	95,272	23.2	36,515	22.0	35,175	29.9	7,953	45.1	993	57.8
1992	96,342	22.1	38,984	20.8	37,287	28.7	8,518	47.5	1,252	56.1
1993	96,698	21.4	40,658	20.5	39,511	27.6	9,024	50.6	1,497	56.0
1994	97,064	21.2	41,311	20.6	41,576	27.2	9,375	54.1	1,873	54.1
1995	99,067	21.8	42,656	21.4	45,087	26.3	10,384	54.9	2,106	57.3
1996	101,591	22.1	43,788	21.5	48,582	26.1	11,515	55.8	2,355	60.2
1997	104,404	22.4	44,294	21.7	53,300	25.7	12,468	58.1	2,248	62.8
1998	105,945	22.0	44,265	21.0	40,345	36.6	10,926	73.4	2,019	72.6
1999	105,304	21.4	42,360	20.1	41,226	38.5	11,381	75.5	2,252	70.4

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

: 1998

Starting from 1998, teaching assistants are not counted in the number of teachers in universities, junior colleges and industrial universities.

3-16G. 1
Number of Students per Teacher by Vocational Education Level



3-17.

1

Number of Students per Teacher in Vocational High Schools by School Type

In person

	Total	Agricultural		Technical		Commercial		Fishery & Marine		Comprehensive		Vocational	
		Teachers	per Student	Teachers	per Student	Teachers	per Student	Teachers	per Student	Teachers	per Student	Teachers	per Student
1980	23,468	1,930	27.8	6,782	29.5	9,167	35.3	257	27.6	3,789	32.0	1,368	38.3
1985	29,506	2,335	27.4	7,382	30.3	11,675	40.9	397	27.1	6,669	30.5	1,048	39.9
1990	34,609	2,552	19.4	8,701	22.8	14,167	32.1	465	21.7	7,937	22.8	787	21.2
1991	36,515	2,399	18.4	9,280	21.9	14,789	30.0	463	20.0	8,417	21.4	1,167	17.6
1992	38,984	2,239	16.9	10,015	22.1	15,098	28.9	465	17.5	9,697	19.2	1,470	18.4
1993	40,658	1,715	19.3	11,411	21.9	15,012	28.9	401	17.5	9,739	18.9	2,380	17.4
1994	41,311	1,374	22.6	11,999	23.3	15,072	28.7	416	15.8	9,769	19.0	2,681	18.2
1995	42,656	1,432	22.6	12,804	24.6	15,206	29.5	425	16.7	9,578	19.7	3,211	20.4
1996	43,788	1,325	25.5	13,845	24.5	15,334	29.6	467	16.1	9,382	19.7	3,435	20.0
1997	44,294	1,400	24.7	14,565	24.6	15,461	29.5	456	16.0	9,023	19.7	3,389	20.4
1998	44,265	1,364	15.3	14,924	21.2	14,969	22.9	440	15.9	3,644	18.8	8,924	19.2
1999	42,360	1,402	14.6	14,408	20.5	14,609	21.9	422	16.0	4,235	18.5	7,284	17.9

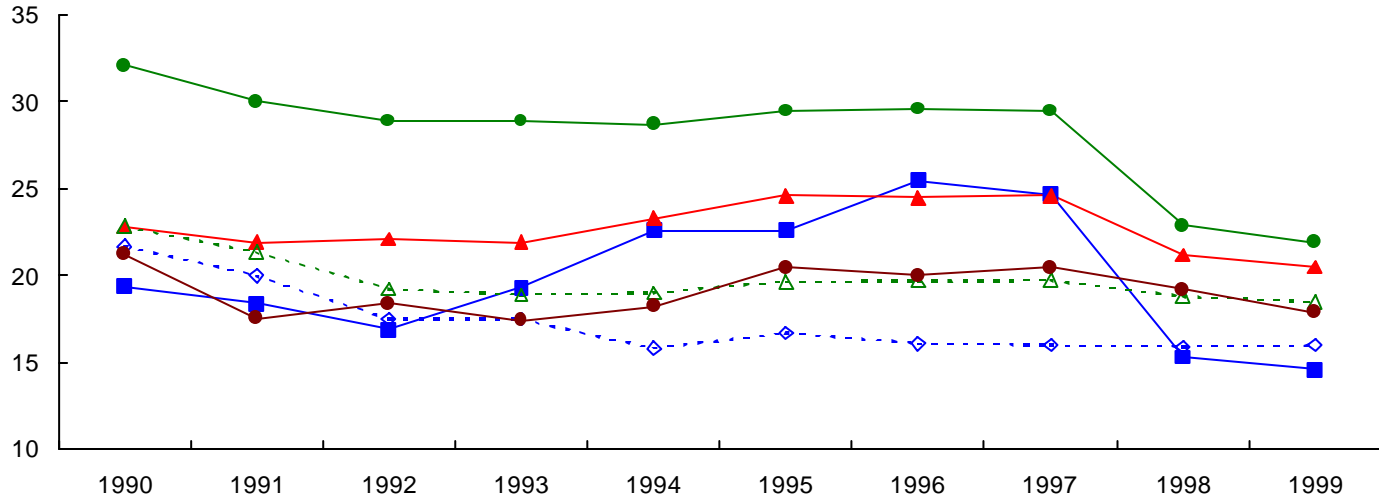
Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

3-17G.

1

Number of Students per Teacher in Vocational High Schools by School Type

(in person)



■ Agricultural ▲ Technical ● Commercial ◆ Fishery & Marine ▲ Comprehensive ● Vocational

3-18. Provision Rates of Teachers by Vocational Education Level

: %

	Total High schools	Vocational High Schools	Universities	Junior Colleges	Industrial Universities (Polytechnic Universities)
1980	95.5	96.5	86.7	79.1	—
1985	97.8	97.0	89.4	71.2	—
1990 ²⁾	97.9	97.9	89.7	66.5	—
1991	97.4	97.4	87.3	64.6	—
1992	98.4	99.0	86.6	64.7	77.9
1993	98.6	99.1	90.4	59.2	73.1
1994	98.7	98.7	91.2	68.5	80.4
1995	98.3	98.2	92.4	67.3	79.8
1996	98.4	98.5	89.3	67.9	72.3
1997	98.6	98.8	92.0	70.5	67.6
1998	98.8	98.6	87.6	58.6	58.8
1999	99.4	98.9	82.9	60.1	63.7

Source : Ministry of Education, Statistical Yearbook of Education, various years.

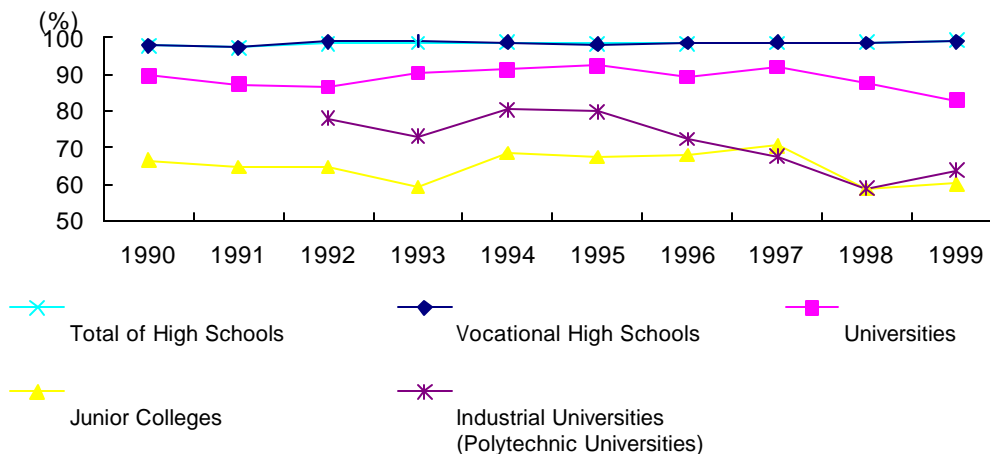
1) 1998

Starting from 1998, teaching assistants are not counted in the number of teachers in universities, junior colleges, and industrial universities.

2) 1990

Starting from 1990 the number of teachers in high schools exclude teachers on leave.

3-18G. Provision Rates of Teachers by Vocational Education Level



3-19.

Seperation Rates of Teachers by Vocational Education Level

: %

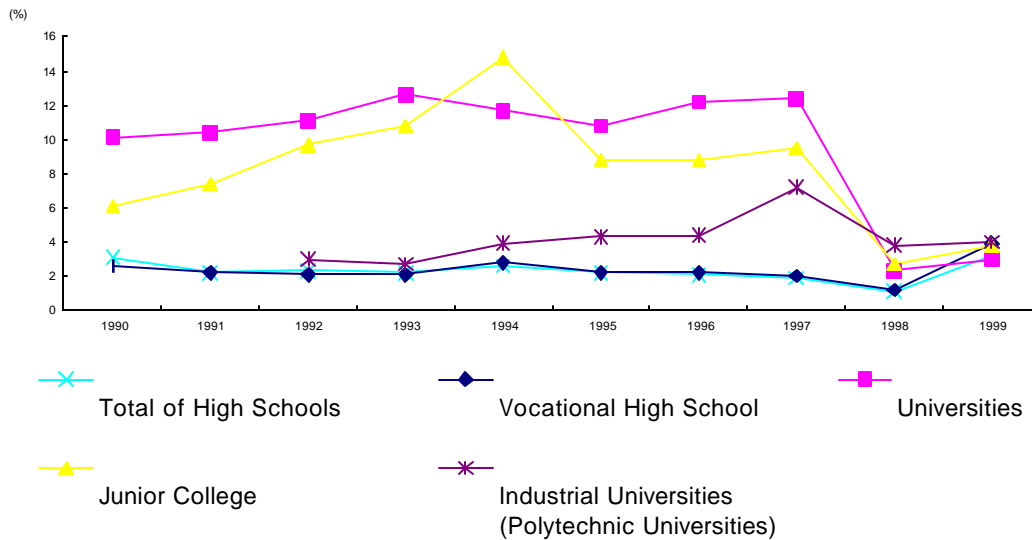
%

	Total High Schools	Vocational High Schools	Universities	Junior Colleges	Industrial Universities (Polytechnic Universities)
1980	8.1	8.4	2.4	4.5	-
1985	4.3	4.5	8.2	5.6	-
1990	3.1	2.6	10.1	6.1	-
1991	2.2	2.2	10.4	7.4	-
1992	2.3	2.1	11.1	9.7	3.0
1993	2.2	2.1	12.6	10.8	2.7
1994	2.6	2.8	11.7	14.8	3.9
1995	2.2	2.2	10.8	8.8	4.3
1996	2.1	2.2	12.2	8.8	4.4
1997	1.9	2.0	12.4	9.5	7.2
1998	1.1	1.2	2.3	2.7	3.8
1999	3.2	3.9	3.0	3.8	4.0

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

3-19G.

Seperation Rates of Teachers by Vocational Education Level



Number of Students & Teachers per Supportive Staff by Vocational Education Level

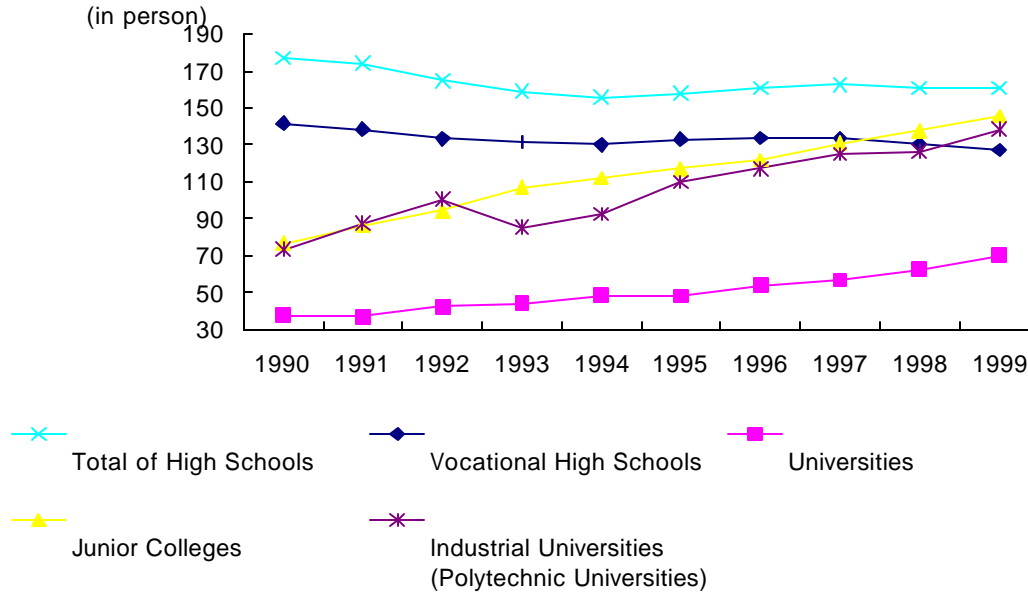
In person

	Total of High Schools		Vocational High Schools		Universities		Junior Colleges		Industrial Universities (Polytechnic Universities)	
	Students per Clerical Staff	Teachers per Clerical Staff	Students per Clerical Staff	Teachers per Clerical Staff	Students per Clerical Staff	Teachers per Clerical Staff	Students per Clerical Staff	Teachers per Clerical Staff	Students per Clerical Staff	Teachers per Clerical Staff
	1	1	1	1	1	1	1	1	1	1
1980	134.8	4.0	130.8	4.0	25.9	0.9	47.4	1.6	-	-
1985	172.8	5.6	151.4	5.0	46.9	1.3	59.9	1.6	-	-
1990	177.1	7.2	141.5	6.0	37.7	1.2	76.9	1.9	73.4	1.2
1991	174.3	7.5	138.3	6.3	37.1	1.2	86.0	1.9	87.6	1.5
1992	164.9	7.5	133.2	6.4	42.7	1.5	94.4	2.0	100.6	1.8
1993	159.1	7.4	131.5	6.4	44.5	1.6	107.2	2.1	85.6	1.5
1994	155.5	7.3	129.9	6.3	48.5	1.8	112.2	2.1	92.7	1.7
1995	157.8	7.2	132.9	6.2	48.4	1.8	117.1	2.1	110.1	1.9
1996	160.7	7.3	133.7	6.2	54.2	2.1	121.8	2.2	117.4	1.9
1997	162.5	7.3	133.5	6.2	57.0	2.2	130.6	2.2	125.1	2.0
1998	160.8	7.3	130.0	6.2	62.8	1.7	137.6	1.9	126.3	1.7
1999	161.0	7.5	127.4	6.3	70.3	1.8	145.8	1.9	138.3	2.0

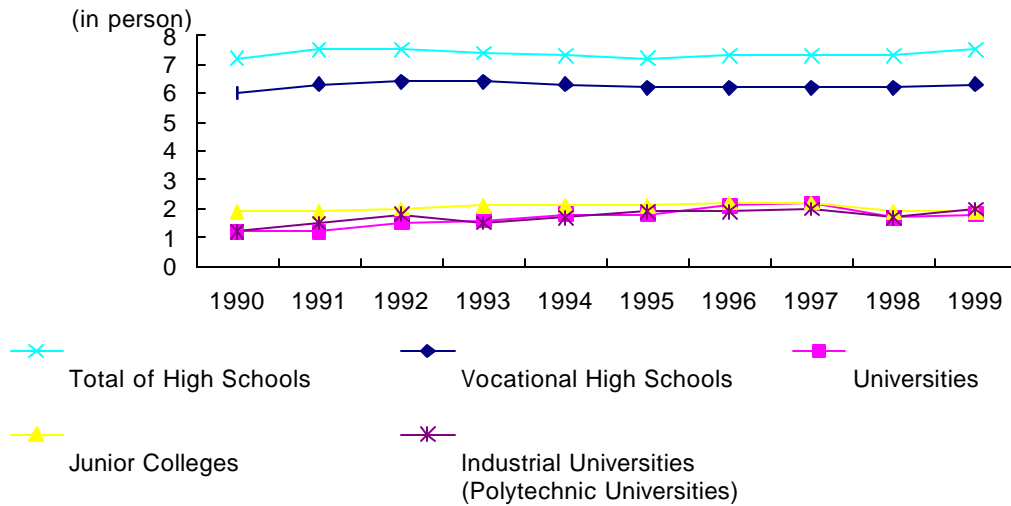
, 1998.

Source : Korea Education Development Institute, *Handbook of Educational Statistics*, 1998.
Ministry of Education, *Statistical Yearbook of Education*, various years.

3-20G1. 1
Number of Students per Supportive Staff by Vocational School Level



3-20G2. 1
Number of Teachers per Supportive Staff by Vocational School Level



3-21. Number of Private Institute Instructors by Field

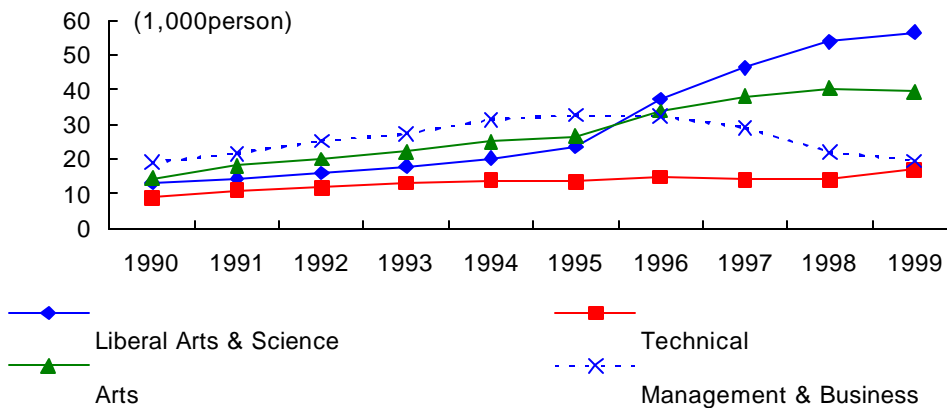
In person

	1)									
	Total		Liberal Arts & Sciences		Technical		Arts		Management & Business	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
1980	13,332	3,583	3,051	268	3,098	217	2,646	1,921	2,675	697
1985	22,559	9,266	4,470	582	4,230	641	6,040	4,898	5,407	2,535
1990	55,409	32,781	13,200	3,834	8,747	4,438	14,355	11,625	18,956	12,757
1991	65,356	40,449	14,475	4,459	10,906	5,683	18,158	15,028	21,655	15,143
1992	73,385	46,156	16,011	5,284	11,848	6,209	20,060	16,529	25,252	17,946
1993	80,556	50,827	17,936	6,482	12,994	6,924	22,135	17,396	27,236	19,806
1994	90,720	58,345	20,240	7,767	13,839	7,035	24,941	20,305	31,393	22,959
1995	96,591	63,668	23,613	10,374	13,374	7,170	26,513	21,723	32,760	24,104
1996	118,502	78,896	37,338	19,268	14,870	8,091	33,944	27,675	32,350	23,862
1997	127,551	81,636	46,319	23,759	14,066	7,633	38,158	29,200	29,008	21,044
1998	130,534	84,291	53,960	28,594	14,025	7,550	40,535	32,124	22,014	16,023
1999	132,466	81,793	56,548	26,870	16,932	9,165	39,467	31,651	19,519	14,107

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

1) 가 가 가
The total number of instructors includes also instructors in home economics, physical education, and other fields.

3-21G. Number of Private Institute Instructors by Field



3-22.

Vocational High School Teachers by Educational Background

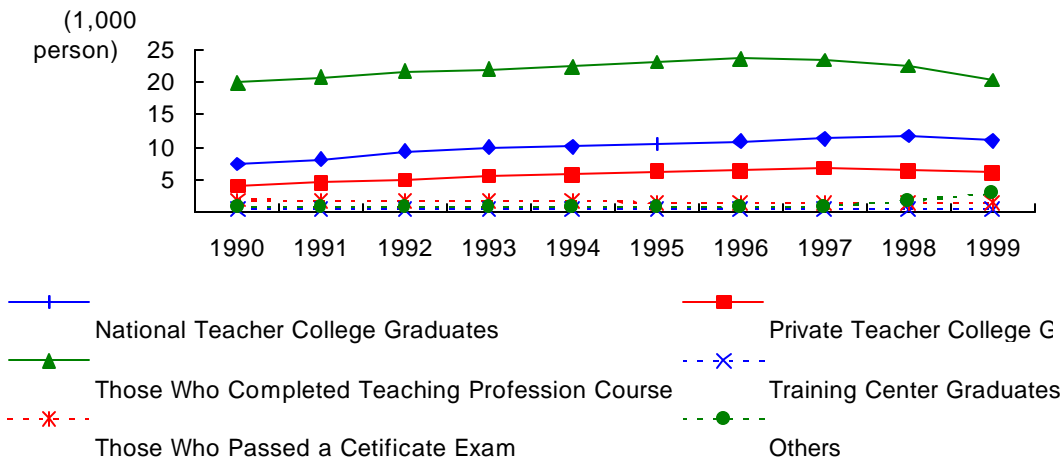
In person

	Total	National Teacher College Graduates	Private Teacher College Graduates	Those Who Completed Teaching Profession Course	Training Center Graduates	Those Who Passed a Certificate Exam.	Others
1980	23,468	2,359	1,596	13,387	883	2,540	2,703
1985	29,506	3,847	2,755	18,916	512	2,090	1,376
1990	34,606	7,436	4,038	19,844	483	1,955	850
1991	36,515	8,146	4,621	20,654	485	1,833	776
1992	38,984	9,365	4,941	21,595	493	1,810	780
1993	40,658	9,951	5,641	21,856	538	1,821	851
1994	41,311	10,082	5,792	22,324	469	1,801	843
1995	42,656	10,484	6,266	23,035	502	1,534	835
1996	43,788	10,896	6,402	23,572	486	1,483	949
1997	44,294	11,311	6,839	23,332	457	1,437	918
1998	44,265	11,680	6,374	22,409	529	1,488	1,785
1999	42,360	11,026	6,105	20,287	518	1,473	2,951

Source : Ministry of Education, Statistical Yearbook of Education, various years.

3-22G.

Vocational High School Teachers by Educational Background



3-23.

Vocational High School Teachers in Charge of the Licenced Subject

: , %

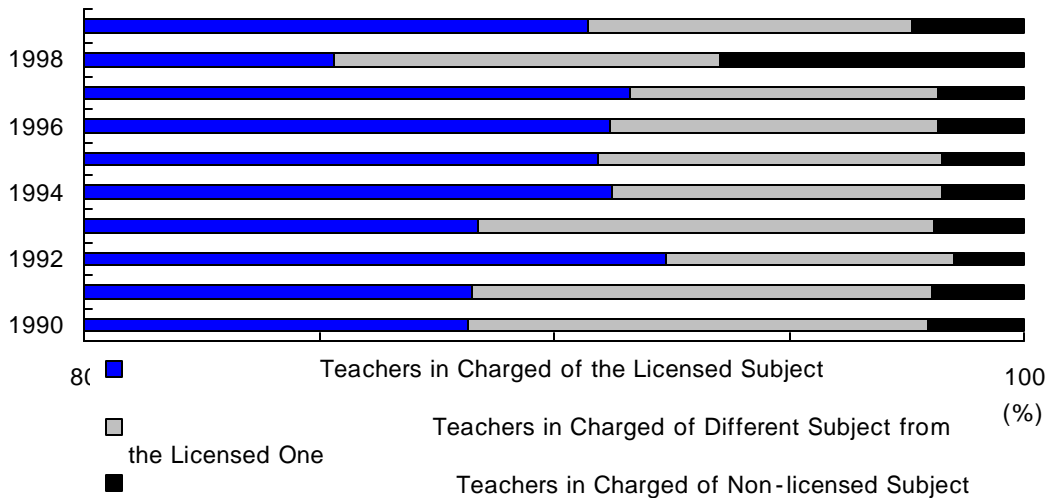
In person, %

	Total	Teachers in Charge of the Licenced Subject		Teachers in Charge of the Licenced Subject and Other Subject		Teachers in Charge of a Different Subject from the Licenced One	
		Number	Proportion	Number	Proportion	Number	Proportion
1980	10,344	8,583	83.0	1,504	14.5	257	2.5
1985	12,464	10,693	85.8	1,592	12.8	179	1.4
1990	15,401	13,578	88.2	1,506	9.8	317	2.1
1991	86,161	76,042	88.3	8,400	9.7	1,719	2.0
1992	37,295	34,451	92.4	2,278	6.1	566	1.5
1993	90,422	79,930	88.4	8,766	9.7	1,726	1.9
1994	39,476	36,013	91.2	2,774	7.0	689	1.7
1995	40,759	37,054	90.9	2,980	7.3	725	1.8
1996	41,870	38,178	91.2	2,912	7.0	780	1.9
1997	42,350	38,800	91.6	2,761	6.5	789	1.9
1998	42,331	36,118	85.3	3,467	8.2	2,746	6.5
1999	40,568	36,808	90.7	2,783	6.9	977	2.4

Source : Ministry of Education, Statistical Yearbook of Education, various years.

3-23G.

Vocational High School Teachers in Charge of the Licenced Subject



3-24. Type of Degrees Held by Faculty Members in Junior Colleges

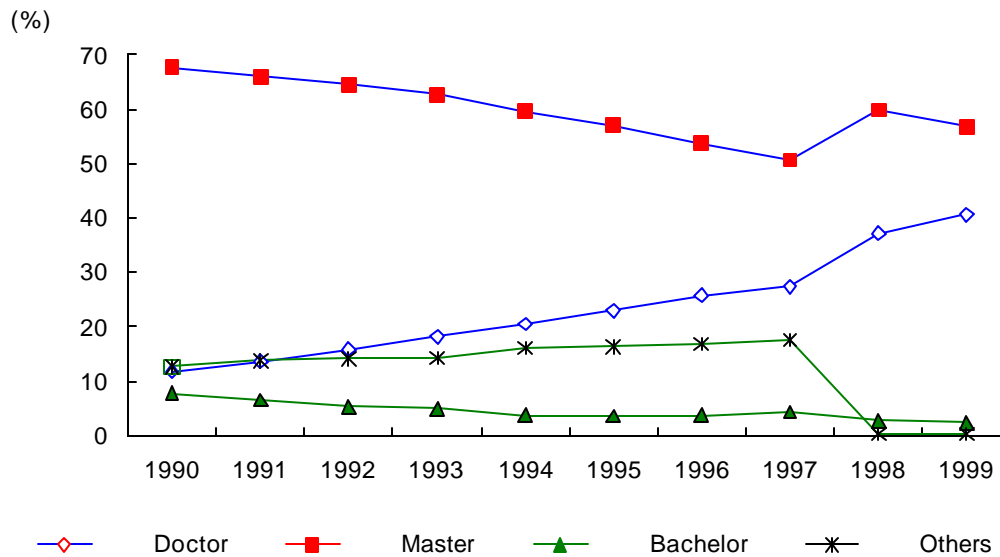
: , (%)

In person, (%)

	Total	Doctor	Master	Bachelor	Others
1980	5,488	77 (1.4)	2,738 (49.9)	1,998 (36.4)	675 (12.3)
1985	6,406	201 (3.1)	4,430 (69.2)	802 (12.5)	973 (15.2)
1990	7,382	872 (11.8)	5,003 (67.8)	572 (7.7)	935 (12.7)
1991	7,953	1,085 (13.6)	5,254 (66.1)	520 (6.5)	1,094 (13.8)
1992	8,518	1,355 (15.9)	5,501 (64.6)	455 (5.3)	1,207 (14.2)
1993	9,024	1,635 (18.1)	5,652 (62.6)	447 (5.0)	1,290 (14.3)
1994	9,375	1,924 (20.5)	5,593 (59.7)	345 (3.7)	1,513 (16.1)
1995	10,384	2,388 (23.0)	5,925 (57.1)	374 (3.6)	1,697 (16.3)
1996	11,515	2,966 (25.8)	6,182 (53.7)	425 (3.7)	1,942 (16.9)
1997	12,468	3,424 (27.5)	6,323 (50.7)	536 (4.3)	2,185 (17.5)
1998	10,926	4,058 (37.1)	6,539 (59.8)	305 (2.8)	24 (0.2)
1999	11,381	4,621 (40.6)	6,457 (56.7)	278 (2.4)	25 (0.2)

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

3-24G. Type of Degrees Held by Faculty Members in Junior Colleges (% distribution)



3-25.

**Type of Degrees Held by Faculty Members
in Industrial Universities (Polytechnic Universities)**

: , (%)

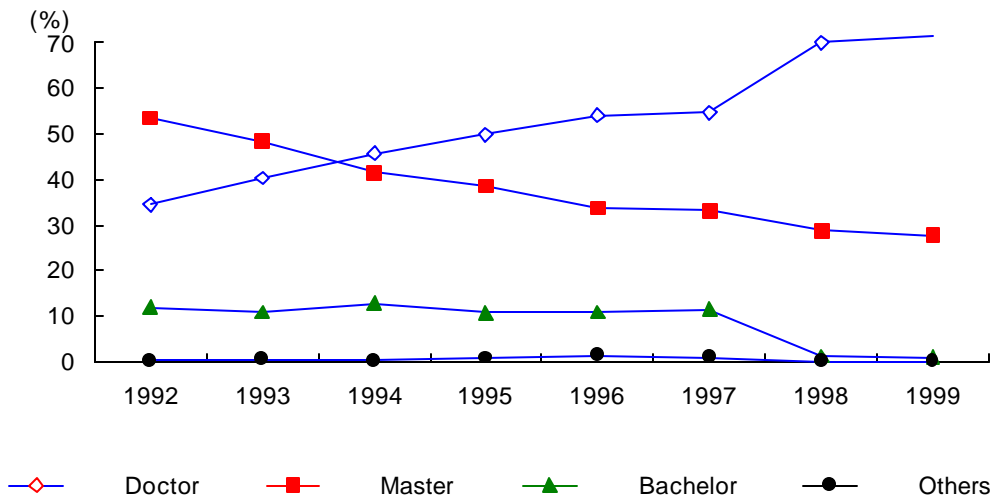
In person, (%)

	Total	Doctor	Master	Bachelor	Others
1992	1,252	432 (34.5)	670 (53.5)	148 (11.8)	2 (0.2)
1993	1,497	603 (40.3)	725 (48.4)	162 (10.8)	7 (0.5)
1994	1,873	855 (45.6)	776 (41.4)	240 (12.8)	2 (0.1)
1995	2,106	1,050 (59.9)	812 (38.6)	227 (10.8)	17 (0.8)
1996	2,355	1,273 (54.1)	796 (33.8)	256 (10.9)	30 (1.3)
1997	2,248	1,227 (54.6)	746 (33.2)	256 (11.4)	19 (0.8)
1998	2,019	1,414 (70.0)	580 (28.7)	23 (1.1)	2 (0.1)
1999	2,252	1,608 (71.4)	623 (27.7)	19 (0.8)	2 (0.1)

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

3-25G.

**Type of Degrees Held by Faculty Members
in Industrial Universities (Polytechnic Universities)(% distribution)**



3-26. Number of Employment Security Offices

:

In each

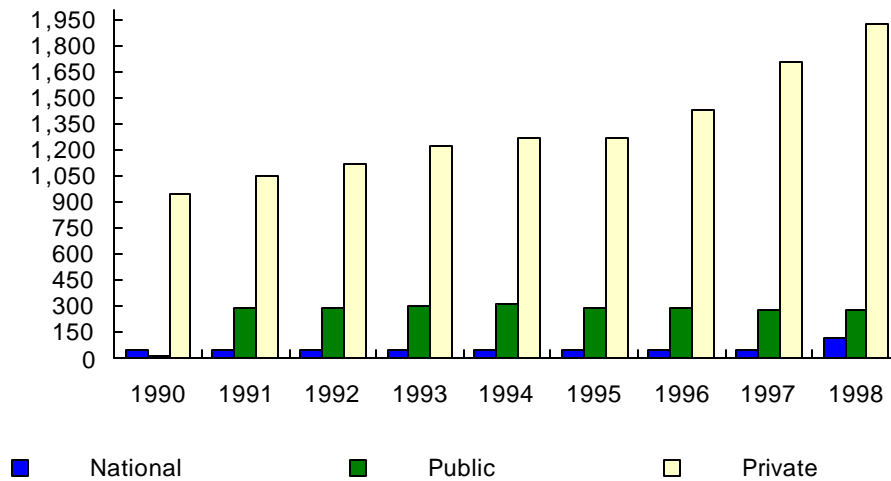
	Total	National	Public	Private
1980	338	36	7	295
1985	319	42	7	270
1990	1,016	53	16	947
1991	1,392	51	291	1,050
1992	1,468	52	296	1,120
1993	1,575	52	298	1,225
1994	1,638	52	312	1,274
1995	1,610	52	287	1,271
1996	1,771	52	287	1,432
1997	2,046	53	283	1,710
1998	2,325	119	281	1,925

:

Source : Ministry of Labour,
Yearbook of Labour Statistics, various years.

3-26G. Number of Employment Security Offices

(in each)



3-27.

Job Placement by Type of Employment Security Offices

: , %

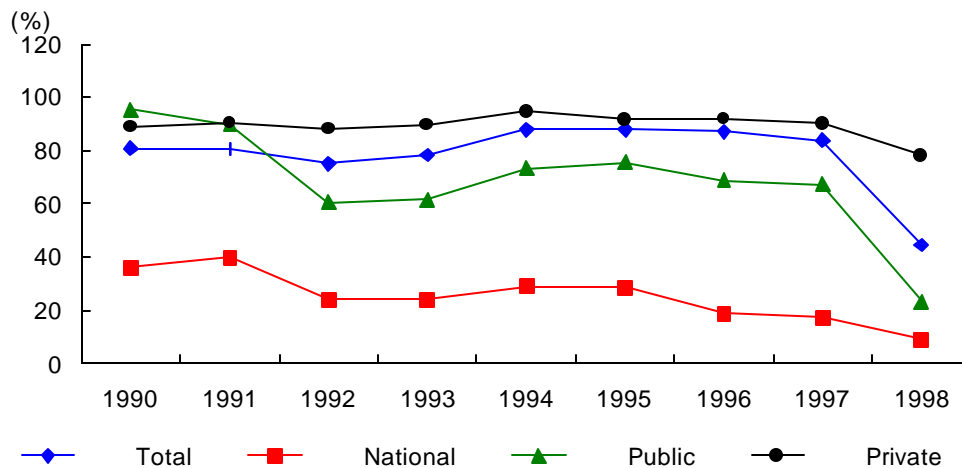
In person, %

	Total		National		Public		Private	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1980	205,993	80.01	27,425	69.77	15,261	78.28	163,307	82.21
1985	571,927	85.45	104,283	68.23	12,026	66.36	455,618	91.42
1990	628,235	80.81	51,679	36.16	174,473	95.48	402,083	89.00
1991	573,530	80.56	54,751	39.77	127,777	89.97	391,002	90.46
1992	739,820	75.12	19,063	23.90	173,126	60.76	547,631	88.30
1993	955,182	78.44	17,577	24.09	193,219	61.64	744,386	89.56
1994	1,207,076	87.88	19,213	28.94	171,433	73.29	1,016,430	94.70
1995	1,460,053	87.92	15,676	28.46	137,633	75.57	1,306,744	91.80
1996	1,936,344	87.18	16,209	18.72	126,315	68.91	1,793,820	91.93
1997	2,289,544	83.88	30,023	17.23	143,384	67.29	2,116,137	90.35
1998	1,842,840	44.53	129,598	9.15	175,385	23.16	1,537,857	78.27

Source : Ministry of Labour,
Yearbook of Labour Statistics, various years.

3-27G.

Job Placement Rate by Type of Employment Security Offices



4-1.
Number of Graduates by Vocational Education Level

In person

	Total of High Schools		Vocational High Schools		Universities		Junior Colleges		Industrial Universities (Polytechnic Universities)	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
1980	467,388	193,077	201,057	79,835	49,735	15,812	-	-	-	-
1985	642,354	289,372	276,535	128,825	118,584	42,771	73,927	33,260	848	-
1990	761,922	354,836	274,150	142,522	165,916	61,289	87,131	46,022	7,565	-
1991	754,496	355,799	272,365	144,348	175,586	63,816	93,166	50,803	7,808	-
1992	740,288	351,587	274,677	147,484	178,631	66,088	106,417	56,876	9,511	-
1993	722,451	345,384	272,541	147,813	184,868	71,636	111,855	60,287	10,831	-
1994	687,794	330,479	263,962	142,740	179,519	72,843	128,366	70,467	11,512	-
1995	649,653	311,538	259,133	138,144	180,664	74,811	143,075	77,640	14,560	3,938
1996	670,161	324,336	274,696	147,054	184,212	76,316	155,326	83,806	17,147	4,452
1997	671,614	324,966	273,912	145,551	192,465	78,204	175,965	98,357	20,018	5,103
1998	736,889	356,151	302,416	159,615	196,566	80,932	196,551	111,481	20,850	5,981
1999	747,723	361,624	290,892	148,121	204,390	93,700	212,726	115,774	21,535	6,433

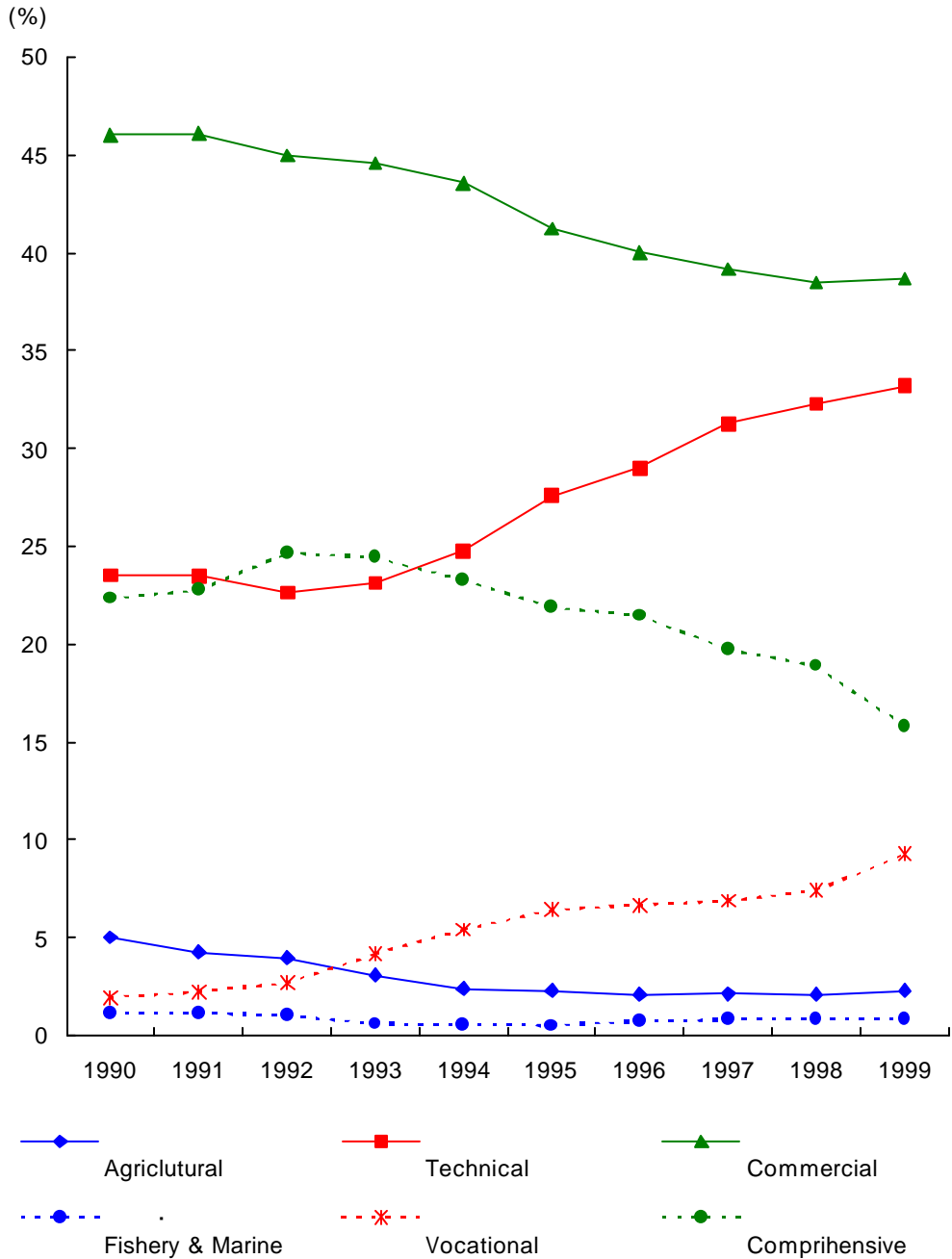
Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

4-2. Vocational High School Graduates by School Type

Year	Total number of graduates, (thousands)						In person, (%)
	Total	Agricultural	Technical	Commercial	Fishery & Marine	Comprehensive	
1980	198,478 (100.0)	15,857 (8.0)	55,308 (27.9)	85,088 (42.9)	2,133 (1.1)	30,439 (15.3)	9,653 (4.9)
1985	276,535 (100.0)	17,239 (6.2)	63,613 (23.0)	115,096 (41.6)	3,253 (1.2)	64,160 (23.2)	13,174 (4.8)
1990	274,050 (100.0)	13,716 (5.0)	64,470 (23.5)	126,171 (46.0)	3,166 (1.2)	61,204 (22.3)	5,323 (1.9)
1991	272,365 (100.0)	11,642 (4.3)	63,955 (23.5)	125,620 (46.1)	3,074 (1.1)	61,979 (22.8)	6,095 (2.2)
1992	274,677 (100.0)	10,945 (4.0)	62,173 (22.6)	123,629 (45.0)	2,812 (1.0)	67,742 (24.7)	7,376 (2.7)
1993	272,541 (100.0)	8,392 (3.1)	63,012 (23.1)	121,524 (44.6)	1,604 (0.6)	66,640 (24.5)	11,369 (4.2)
1994	263,962 (100.0)	6,349 (2.4)	65,409 (24.8)	115,076 (43.6)	1,472 (0.6)	61,406 (23.3)	14,250 (5.4)
1995	259,133 (100.0)	5,975 (2.3)	71,486 (27.6)	106,912 (41.3)	1,317 (0.5)	56,779 (21.9)	16,664 (6.4)
1996	274,696 (100.0)	5,779 (2.1)	79,692 (29.0)	109,996 (40.0)	1,977 (0.7)	58,937 (21.5)	18,315 (6.7)
1997	273,912 (100.0)	5,833 (2.1)	85,649 (31.3)	107,322 (39.2)	2,187 (0.8)	54,081 (19.7)	18,840 (6.9)
1998	302,416 (100.0)	6,274 (2.1)	97,749 (32.3)	116,320 (38.5)	2,406 (0.8)	57,164 (18.9)	22,503 (7.4)
1999	290,892 (100.0)	6,557 (2.3)	96,609 (33.2)	112,662 (38.7)	2,122 (0.7)	45,907 (15.8)	27,035 (9.3)

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

4-2G. Vocational High School Graduates by School Type



4-3. Junior College Graduates by Field of Study

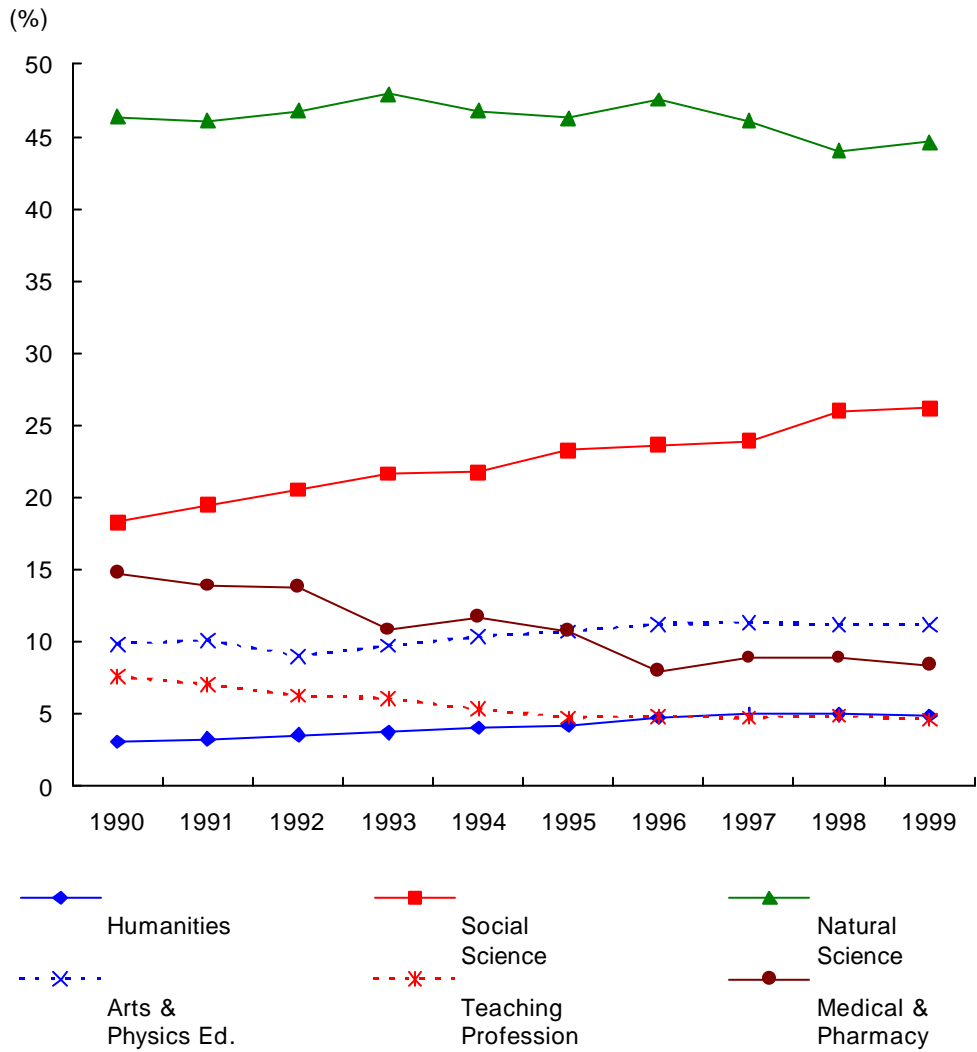
: , (%)

In person, (%)

	Total	Humanities	Social Sciences	Natural Sciences	Arts & Physical Ed.	Medical & Pharmacy	Teaching Profession
1985	73,927 (100.0)	1,182 (1.6)	13,266 (17.9)	36,877 (49.9)	5,891 (8.0)	10,096 (13.7)	6,615 (8.9)
1990	87,131 (100.0)	2,700 (3.1)	15,930 (18.3)	40,402 (46.4)	8,590 (9.9)	12,863 (14.8)	6,646 (7.6)
1991	93,166 (100.0)	3,085 (3.3)	18,167 (19.5)	42,942 (46.1)	9,437 (10.1)	12,975 (13.9)	6,560 (7.0)
1992	106,417 (100.0)	3,804 (3.6)	21,870 (20.6)	49,767 (46.8)	9,596 (9.0)	14,671 (13.8)	6,709 (6.3)
1993	111,855 (100.0)	4,202 (3.8)	24,219 (21.7)	53,589 (47.9)	10,892 (9.7)	12,126 (10.8)	6,827 (6.1)
1994	128,366 (100.0)	5,199 (4.1)	27,944 (21.8)	60,024 (46.8)	13,308 (10.4)	15,043 (11.7)	6,848 (5.3)
1995	143,075 (100.0)	5,999 (4.2)	33,308 (23.3)	66,211 (46.3)	15,336 (10.7)	15,407 (10.8)	6,814 (4.8)
1996	155,326 (100.0)	7,417 (4.8)	36,736 (23.7)	73,863 (47.6)	17,437 (11.2)	12,377 (8.0)	7,496 (4.8)
1997	175,965 (100.0)	8,859 (5.0)	42,108 (23.9)	81,057 (46.1)	19,933 (11.3)	15,666 (8.9)	8,342 (4.7)
1998	196,551 (100.0)	9,858 (5.0)	51,023 (26.0)	86,475 (44.0)	22,106 (11.2)	17,492 (8.9)	9,597 (4.9)
1999	212,726 (100.0)	10,426 (4.9)	55,822 (26.2)	94,978 (44.6)	23,911 (11.2)	17,825 (8.4)	9,764 (4.6)

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

4-3G. Distribution of Junior College Graduates by Field of Study



4-4. Graduates from Private Institutes by Field

In person

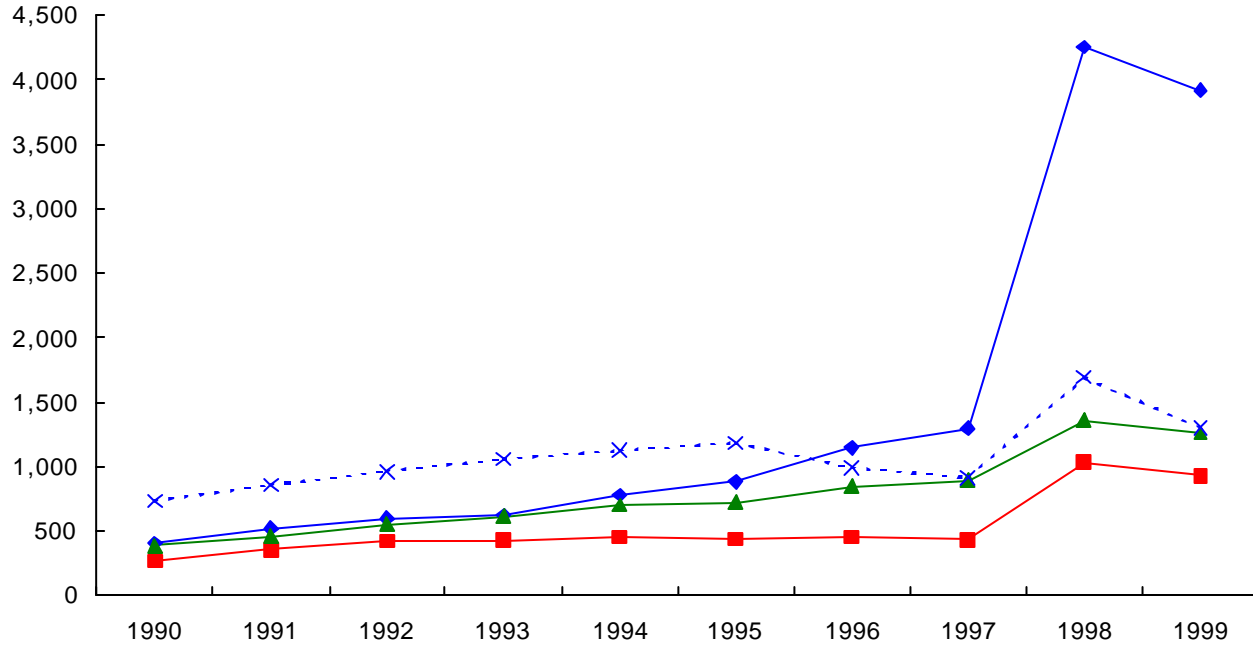
	1) Total		Liberal Arts & Science		Technical		Arts		Management & Business	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
1980	411,162	183,748	117,618	35,905	52,030	12,076	52,808	35,261	123,922	87,147
1985	654,039	292,967	126,456	37,568	72,503	21,056	129,752	86,166	232,352	129,353
1990	1,793,583	856,457	408,205	145,616	267,289	94,847	383,569	241,286	731,138	372,277
1991	2,193,947	1,048,391	519,237	193,999	357,474	134,234	455,831	287,590	857,007	429,376
1992	2,541,065	1,229,147	596,607	227,614	422,751	164,952	553,674	346,294	961,899	485,560
1993	2,733,899	1,339,868	626,192	246,402	427,509	178,515	616,556	387,708	1,058,119	522,847
1994	3,065,918	1,497,382	778,378	312,150	454,766	199,251	701,474	434,870	1,124,540	545,770
1995	3,230,275	1,606,536	879,993	375,574	435,869	193,465	721,381	457,183	1,185,096	573,887
1996	3,438,802	1,729,678	1,146,704	509,432	452,391	219,436	848,656	519,935	991,051	480,875
1997	3,537,673	1,783,962	1,298,773	592,055	432,518	210,087	892,498	539,162	913,884	442,658
1998	8,336,699	4,061,319	4,254,696	1,935,941	1,030,777	528,044	1,359,666	776,420	1,691,560	820,914
1999	7,408,036	3,686,012	3,919,554	1,838,351	927,472	479,238	1,261,366	732,348	1,299,644	636,075

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

1) : 가 가
The total number of graduates includes graduates in the field of home economics, physical education, and other fields.

4-4G. Graduates from Private Institutes by Field

(1,000 person)



Liberal Arts & Science Field



Technical Field



Arts Field



Management & Business Field

4-5.

Advancement Rate of Vocational School Graduates to the Higher Educational Institutions

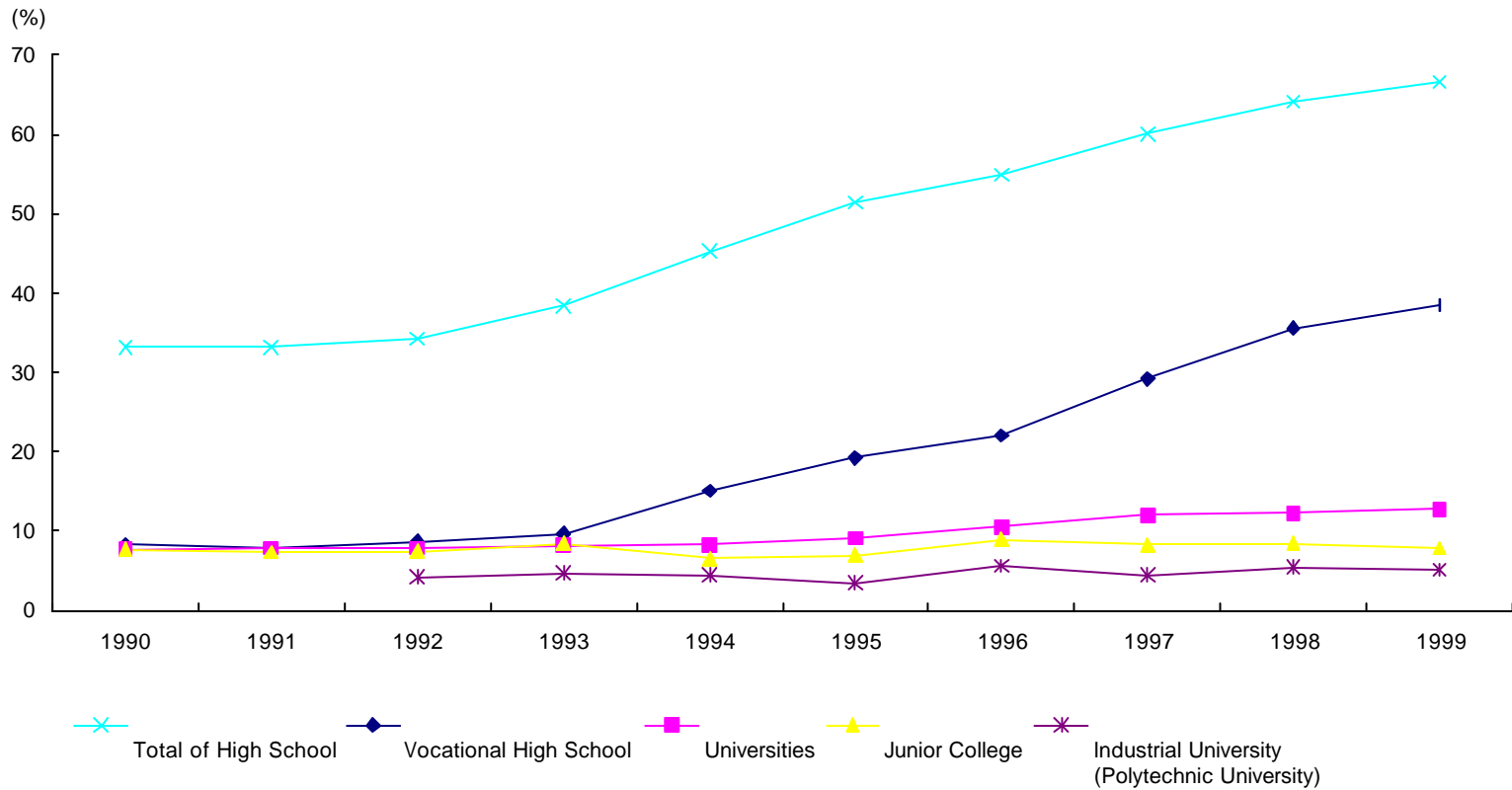
: , %

In person, %

	Total High Schools		Vocational High Schools		Universities		Junior Colleges		Industrial Universities (Polytechnic Universities)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1980	110,817	23.7	20,242	10.2	7,674	15.4	887	—	—	—
1985	233,737	36.4	36,910	13.3	12,278	10.4	6,991	9.5	—	—
1990	252,831	33.2	22,710	8.3	12,783	7.7	6,718	7.7	—	—
1991	250,370	33.2	21,302	7.8	13,784	7.9	6,875	7.4	—	—
1992	253,742	34.3	23,851	8.7	14,040	7.9	7,878	7.4	399	4.2
1993	277,267	38.4	26,481	9.7	15,211	8.2	9,399	8.4	510	4.7
1994	311,296	45.3	39,914	15.1	14,835	8.3	8,417	6.6	515	4.5
1995	333,950	51.4	49,699	19.2	16,500	9.1	9,972	7.0	504	3.5
1996	368,164	54.9	60,373	22.0	19,329	10.5	13,874	8.9	962	5.6
1997	403,791	60.1	79,961	29.2	23,078	12.0	14,671	8.3	884	4.4
1998	472,252	64.1	107,824	35.6	24,141	12.3	16,591	8.4	1,130	5.4
1999	498,183	66.6	112,130	38.5	26,141	12.8	16,867	7.9	1,099	5.1

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

4-5G.
Advancement Rate of Vocational School Graduates to the Higher Educational Institutions



4-6.

Advancement Rate of Vocational High School Graduates to the Higher Educational Institutions

: , %

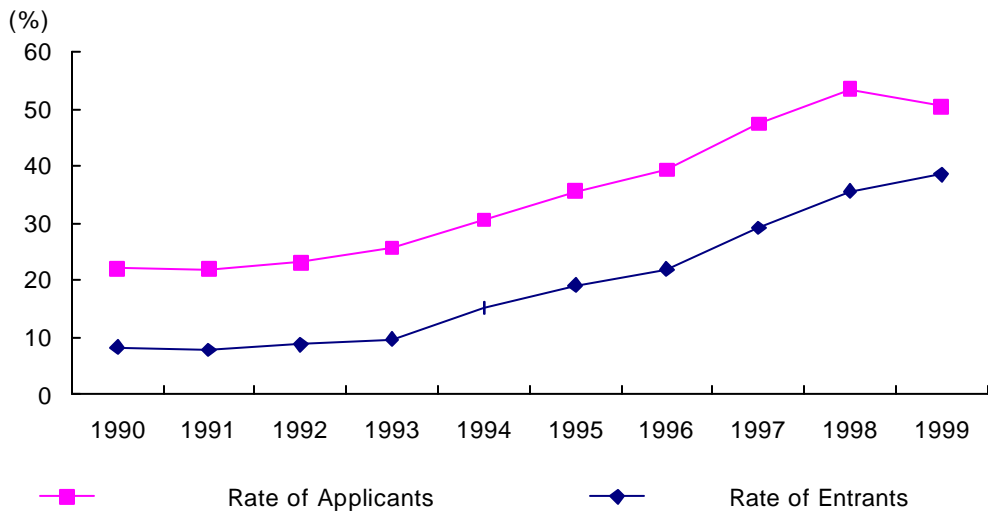
In person, %

	Entrants for Higher Schooling							Rate
	Applicants	Rate of Applicants	Total	Junior Colleges	Teachers' Colleges	Colleges & Universities	Miscellaneous School	
1980	62,678	31.6	20,242	11,023	307	8,104	808	10.2
1985	83,033	30.0	36,910	24,386	219	11,842	463	13.3
1990	60,570	22.1	22,710	14,989	106	7,261	354	8.3
1991	59,789	22.0	21,302	13,544	112	7,266	380	7.8
1992	63,517	23.1	23,851	15,110	172	8,135	434	8.7
1993	70,045	25.7	26,481	16,266	171	9,527	517	9.7
1994	80,675	30.6	39,914	26,628	296	12,131	859	15.1
1995	92,288	35.6	49,699	33,070	317	15,957	355	19.2
1996	107,962	39.3	60,373	40,171	311	19,225	666	22.0
1997	129,934	47.4	79,961	54,163	210	24,751	837	29.2
1998	162,088	53.5	107,824	78,941	138	27,313	1,432	35.6
1999	146,835	50.4	112,130	81,488	139	29,470	1,033	38.5

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

4-6G.

Advancement Rate of Vocational High School Graduates to the Higher Educational Institutions



4-7.

Advancement Rate of Junior College Graduates to the Higher Educational Institutions

: , %

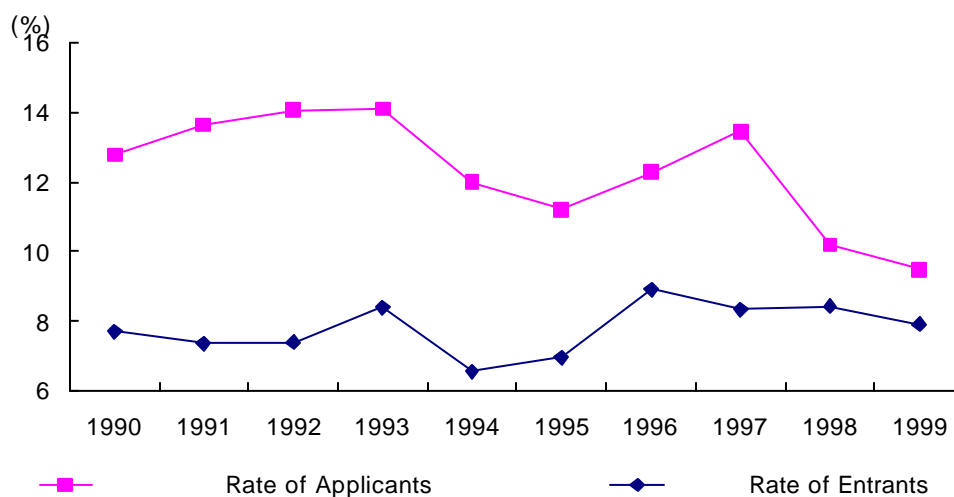
In person, %

	Entrants for Higher Schooling						Rate
	Applicants	Rate of Applicants	Total	Colleges & Universities	Graduates	Miscellaneous School	
1985	16,205	21.9	6,991	5,896	–	1,095	9.46
1990	11,141	12.8	6,718	4,609	–	2,109	7.71
1991	12,720	13.7	6,875	5,911	–	964	7.38
1992	14,969	14.1	7,878	7,293	–	585	7.40
1993	15,775	14.1	9,399	8,615	–	784	8.40
1994	15,412	12.0	8,417	8,066	–	351	6.56
1995	16,054	11.2	9,972	8,848	–	1,124	6.97
1996	19,071	12.3	13,874	13,212	1	661	8.93
1997	23,673	13.5	14,671	14,178	10	483	8.34
1998	20,099	10.2	16,591	15,793	9	789	8.44
1999	20,296	9.5	16,867	16,337	14	516	7.93

Source: Ministry of Education, *Statistical Yearbook of Education*, various years.

4-7G.

Advancement Rate of Junior College Graduates to the Higher Educational Institutions



4-8.

Advancement Rate of Industrial University Graduates to the Higher Educational Institutions

: , %

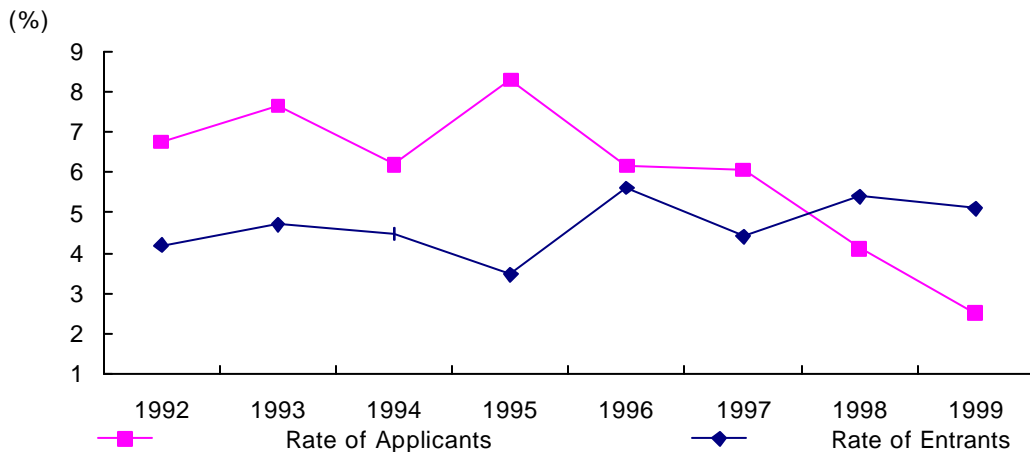
In person, %

	Applicants	Rate of Applicants	Entrants for Higher Schooling				Rate
			Total	Colleges & Universities	Graduates	Miscellaneous School	
1992	642	6.8	399	—	396	3	4.2
1993	829	7.7	510	1	508	1	4.7
1994	712	6.2	515	—	504	11	4.5
1995	1,208	8.3	504	—	493	11	3.5
1996	1,055	6.2	962	5	946	11	5.6
1997	1,212	6.1	884	23	840	21	4.4
1998	864	4.1	1,130	17	1,036	77	5.4
1999	533	2.5	1,099	32	1,026	41	5.1

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

4-8G.

Advancement Rate of Industrial University Graduates to the Higher Educational Institutions



4-9.
Employment Rates of Graduates by Vocational Education Level

: , %

In person, %

	Total High Schools		Vocational High Schools		Universities		Junior Colleges		Industrial Universities (Polytechnic Universities)	
	Employed Persons	Rate	Employed Persons	Rate	Employed Persons	Rate	Employed Persons	Rate	Employed Persons	Rate
1985	170,404	42.1	143,214	60.4	48,552	52.1	29,556	57.2	–	–
1990	257,905	51.0	210,113	84.0	79,975	55.0	47,094	71.8	–	–
1991	266,947	53.2	217,344	86.9	90,780	58.7	57,078	77.3	–	–
1992	269,017	55.5	218,888	87.5	91,438	58.0	64,103	75.3	6,444	71.9
1993	256,002	57.9	209,871	86.0	88,429	54.0	65,020	72.5	7,747	72.7
1994	230,052	62.6	192,165	85.5	90,110	56.4	73,665	68.8	7,454	69.3
1995	218,040	69.3	190,148	89.8	97,290	60.9	88,843	74.2	10,161	73.6
1996	218,033	72.4	196,403	91.8	101,911	63.3	102,648	78.2	11,533	72.4
1997	193,736	72.5	177,532	91.7	102,245	61.8	115,096	75.5	12,963	68.7
1998	176,882	67.2	164,075	84.7	85,805	50.5	114,035	66.3	11,581	59.5
1999	161,204	64.9	148,478	83.4	90,147	51.3	128,308	68.1	13,431	66.2

: , %

Source : Ministry of Education, *Statistical Yearbook of Education*, various years.

4-10. Employment Rates of Vocational School Graduates

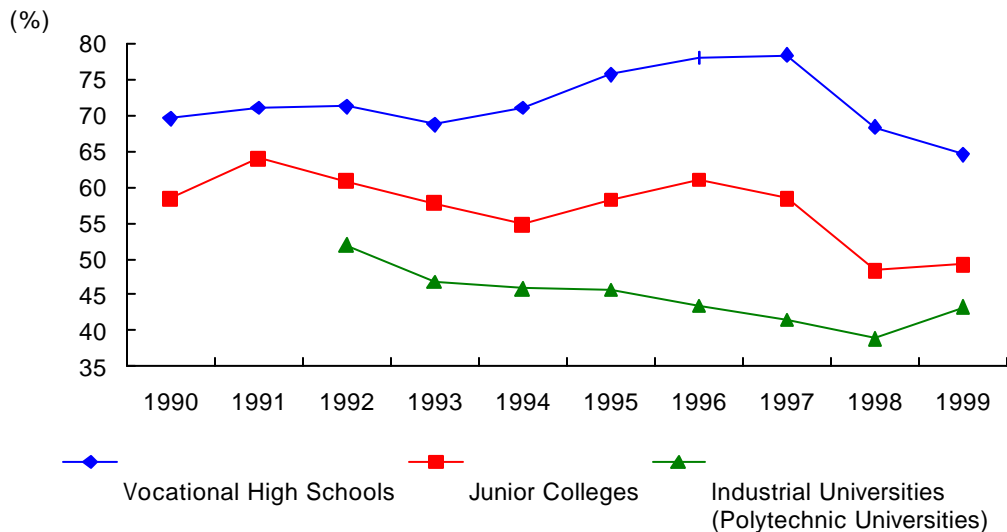
: , %

In person, %

	Vocational High Schools		Junior Colleges		Industrial Universities (Polytechnic Universities)	
	Number	Rate	Number	Rate	Number	Rate
1985	122,448	51.6	23,486	45.5	—	—
1990	174,057	69.6	38,361	58.5	—	—
1991	177,915	71.1	47,331	64.1	—	—
1992	178,381	71.3	51,858	60.9	4,943	55.1
1993	167,695	68.8	51,817	57.8	5,075	50.0
1994	159,100	71.1	58,665	54.8	5,286	49.2
1995	158,483	75.8	69,831	58.3	6,649	48.2
1996	167,184	78.1	80,241	61.1	7,446	46.7
1997	152,047	78.5	89,044	58.4	8,313	44.0
1998	132,574	68.4	83,157	48.4	7,577	38.9
1999	114,898	64.6	92,615	49.2	8,790	43.3

Source : Ministry of Education,
Statistical Yearbook of Education, various years.

4-10G. Employment Rates of Vocational School Graduates



4-11.

Employment Rates of Polytechnic College & V.T.I.¹⁾ Graduates

: , %

In Person, %

	K.M.A. ²⁾ Vocational Training			Polytechnic Colleges			Vocational Training Institutes		
	Graduate		Employment	Graduate		Employment	Graduate		Employment
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
1980	7,307	5,956	81.5	—	—	—	—	—	—
1985	9,387	9,042	96.3	—	—	—	—	—	—
1990	13,375	12,382	92.6	—	—	—	—	—	—
1991	16,274	15,622	96.0	—	—	—	—	—	—
1992	16,621	16,215	97.6	—	—	—	—	—	—
1993	16,346	15,285	93.5	—	—	—	—	—	—
1994	13,716	13,716	100.0	—	—	—	—	—	—
1995	—	—	—	15,121	13,475	89.1	8,295	7,366	88.8
1996	—	—	—	12,889	10,558	81.9	7,828	6,783	86.7
1997	—	—	—	2,016	1,419	70.4	6,556	5,350	81.6
1998	—	—	—	2,599	2,063	79.4	6,470	4,674	72.2
1999	—	—	—	3,152	2,205	70.0	7,592	4,440	58.5

Source : Ministry of Labour,

Yearbook of Vocational Training, various years.

1) V.T.I. : Vocational Training Institutes.

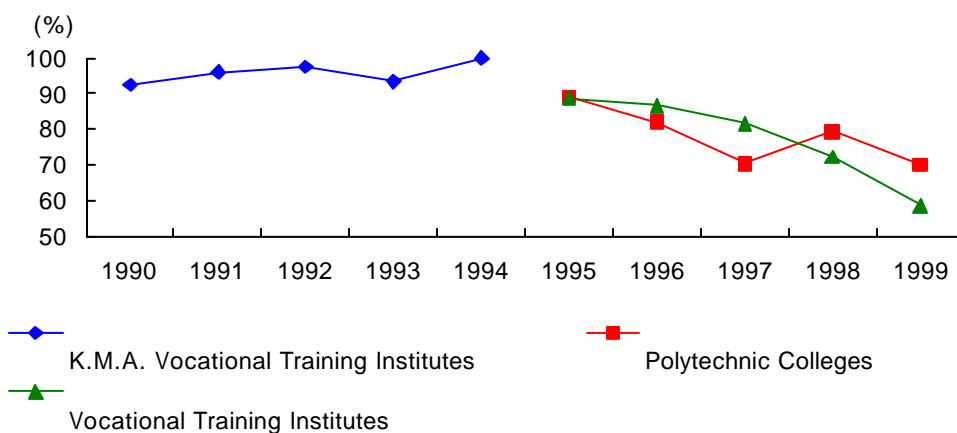
2) K.M.A : Korea Manpower Agency.

3) 1997

Starting from 1997, the number of polytechnic college graduates exclude the graduates from short term (less than 1 year) courses.

4-11G.

Employment Rates of Polytechnic College & V.T.I. Graduates



4-12. User Evaluation of Formal Education

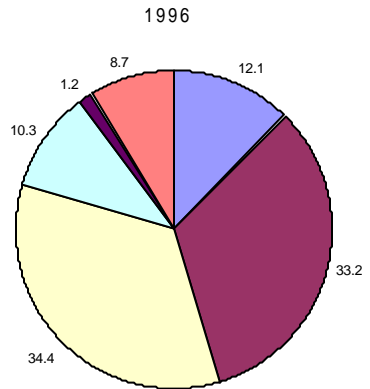
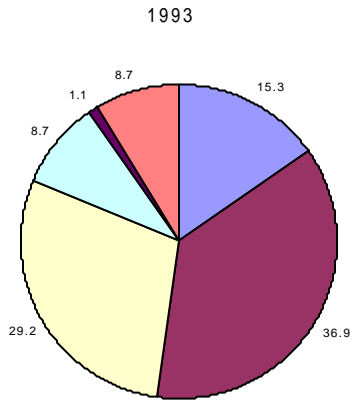
		() Knowledge						
		Very Effective	Moderately Effective	Fair	Moderately Ineffective	Very Ineffective	Don't Know	
		1993						
		15.3	36.9	29.2	8.7	1.1	8.7	
		1993 By Educational Attainment						
	Primary School Graduates & Under	16.5	32.7	23.4	4.9	0.9	21.7	
	Middle School Graduates	15.7	37.4	30.8	7.7	1.1	7.3	
	High School Graduates	13.9	38.2	32.9	10.7	1.2	3.1	
	College, Univ. Graduates & Over	16.7	40.5	28.9	11.3	1.4	1.2	
		1996						
		12.1	33.2	34.4	10.3	1.2	8.7	
		1996 By Educational Attainment						
	Primary School Graduates & Under	14.1	28.8	27.1	5.8	0.9	23.3	
	Middle School Graduates	12.6	33.0	35.8	9.2	1.0	8.4	
	High School Graduates	10.5	33.9	38.7	12.5	1.4	3.1	
	College, Univ. Graduates & Over	12.6	38.3	34.0	12.9	1.5	0.8	
		Utility for Living and Working						
		1993						
		10.3	28.3	33.7	15.8	2.9	9.0	
		1993 By Educational Attainment						
	Primary School Graduates & Under	12.4	27.1	28.5	8.7	1.7	21.7	
	Middle School Graduates	10.6	28.9	36.8	13.5	2.3	7.9	
	High School Graduates	8.6	28.2	36.8	19.2	3.6	3.6	
	College, Univ. Graduates & Over	10.3	30.0	32.0	22.0	4.3	1.5	
		1996						
		8.1	25.1	36.7	17.8	3.5	8.8	
		1996 By Educational Attainment						
	Primary School Graduates & Under	10.3	24.3	30.9	9.7	1.6	23.1	
	Middle School Graduates	8.5	25.7	39.9	14.9	2.6	8.4	
	High School Graduates	6.4	24.5	40.1	21.1	4.3	3.5	
	College, Univ. Graduates & Over	8.4	27.1	34.5	24.4	4.9	0.8	

: , 1998.

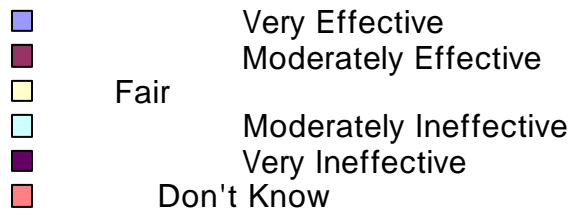
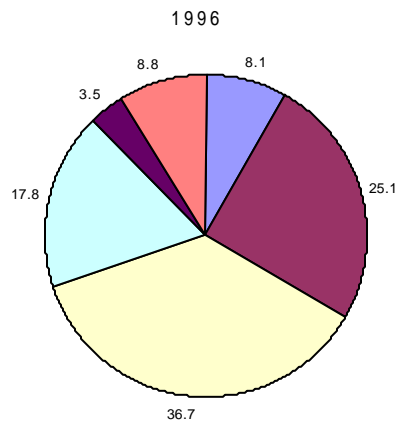
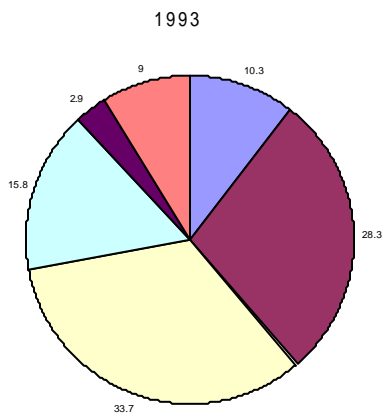
Source : National Statistical Office,
Report on the Social Statistics Survey, 1998.

4-12G. User Evaluation of Formal Education

() Knowledge



Utility for Living and Working



4-13. 가

Registrants of National Technical Qualifications by Qualification Category

: , %

In person, %

Technical Qualification Registrants							Percentage of Technical Qualification Registrants
Total	Technical	Professional Engineer	Craftsman	Master Craftsman	Service		
1980	134,554	31,769	243	102,785	-	-	1.0
1985	207,379	27,450	234	137,633	23	42,296	1.4
1990	247,837	31,322	513	194,801	72	21,714	1.4
1991	288,176	35,829	671	222,422	94	29,925	1.5
1992	316,362	46,341	1,059	270,021	184	-	1.7
1993	339,564	62,203	1,045	277,361	437	-	1.8
1994	360,051	75,527	1,084	284,524	532	-	1.8
1995	391,842	81,312	2,602	310,530	383	-	1.9
1996	419,338	81,424	2,034	337,914	507	-	2.0
1997	480,953	89,145	2,343	391,808	376	-	2.3
1998	520,202	102,107	2,524	418,095	475	-	2.6

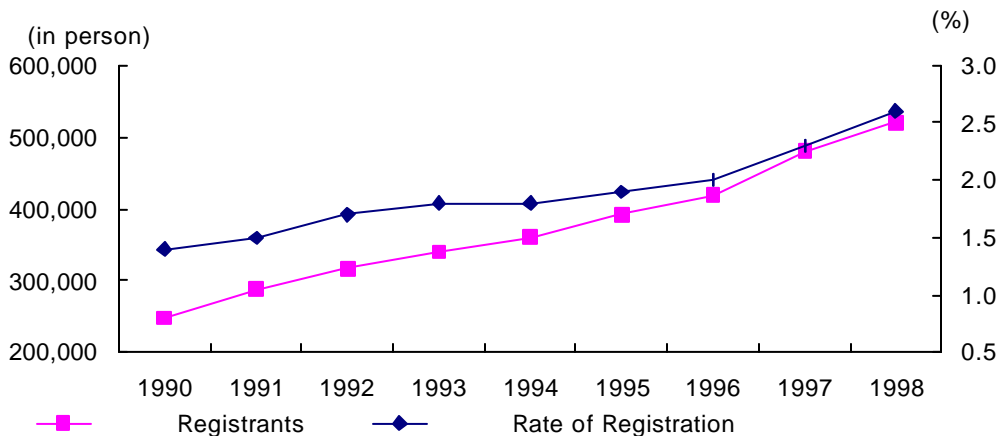
Office, , 1999.

Source : National Statistical

Social Indicators in Korea, 1999.

4-13G. 가

Registrants of National Technical Qualifications by Qualification Category



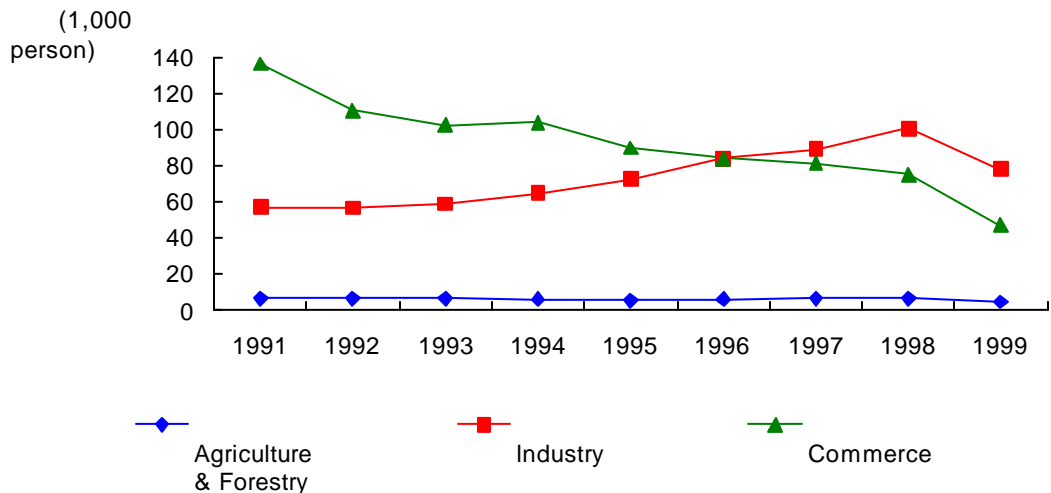
4-14. 가
National Technical Qualifications Acquired
by Vocational High School Students

In person

	Total	Agriculture	Industry	Commerce	Fishery & Marine	Vocational Home Economics	Humanities Arts
1991	203,736	6,523	57,098	136,255	1,932	-	1,928
1992	178,543	6,677	56,581	110,474	1,809	143	2,859
1993	173,590	6,804	58,889	102,436	1,733	52	3,676
1994	180,277	6,350	64,932	104,103	1,362	130	3,400
1995	171,698	5,531	72,563	89,999	1,113	188	2,304
1996	177,975	6,038	83,827	84,183	1,116	527	2,284
1997	180,854	6,812	89,082	81,547	1,626	204	1,583
1998	185,739	6,756	100,507	75,057	1,695	472	1,252
1999	132,862	4,665	78,286	47,006	1,248	423	1,234

Source : Ministry of Education, Statistical Yearbook of Education, various years.

4-14G. 가
National Technical Qualifications Acquired
by Vocational High School Students



4-15. 가
**National Technical Qualifications Acquired
 by Junior College Students**

:

In person

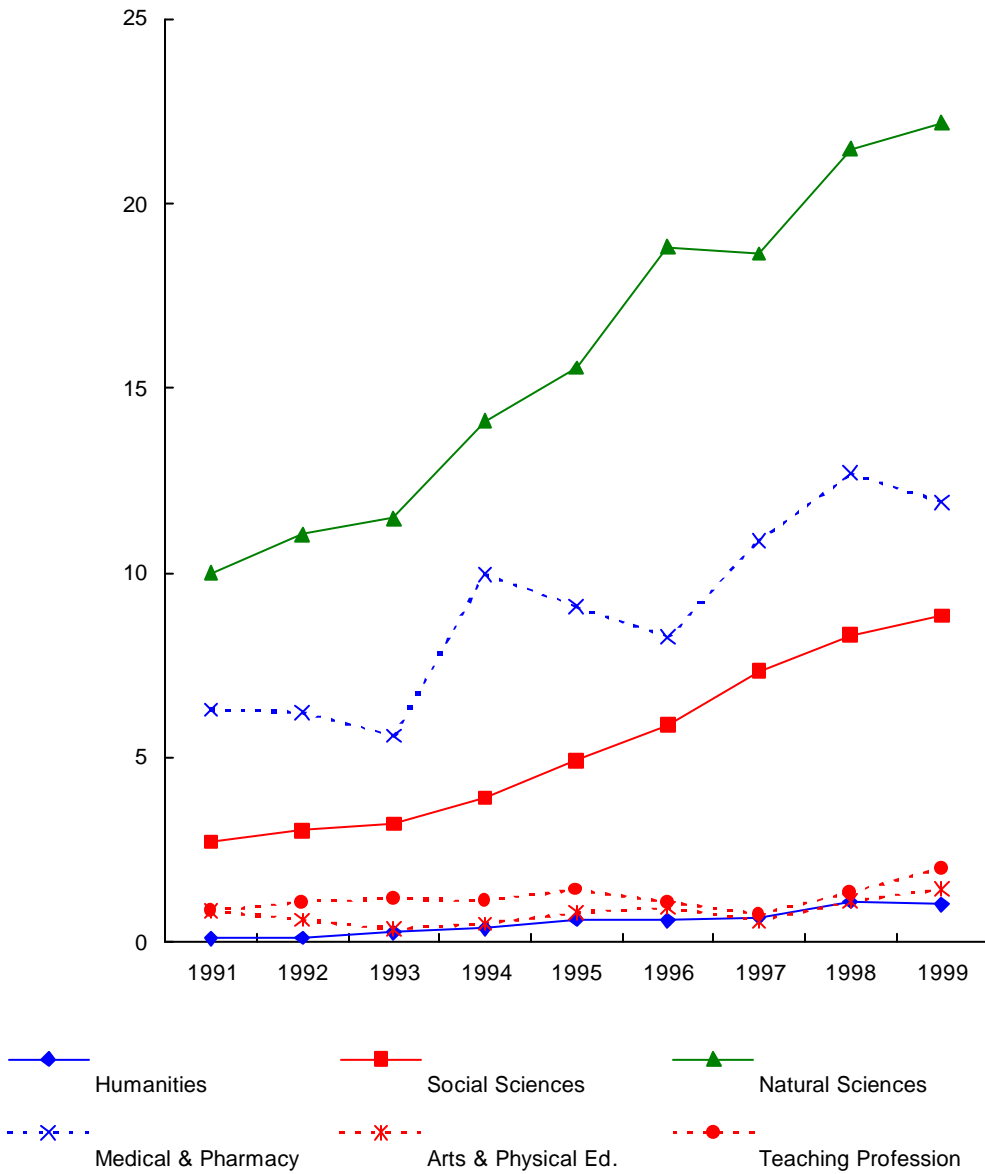
	Total	Humanities	Social Sciences	Natural Sciences	Medical & Pharmacy	Arts & Physical Ed.	Teaching Profession
1991	20,743	99	2,703	9,995	6,285	832	829
1992	22,026	105	3,019	11,033	6,208	586	1,075
1993	22,027	257	3,203	11,468	5,585	341	1,173
1994	29,910	352	3,899	14,112	9,956	486	1,105
1995	32,359	619	4,912	15,548	9,075	788	1,417
1996	35,527	574	5,883	18,827	8,253	916	1,074
1997	38,801	664	7,340	18,648	10,845	561	743
1998	46,021	1,087	8,314	21,490	12,699	1,096	1,335
1999	47,349	1,009	8,840	22,188	11,903	1,419	1,990

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Source : Ministry of Education,
Statistical Yearbook of Education, various years.

4-15G. 가
**National Technical Qualifications Acquired
 by Junior College Students**

(1,000 person)



4-16.

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National Technical Qualifications Acquired by Polytechnic College Students & VTI Students

: , %

In person, %

	K.M.A. ¹⁾ Vocational Training Institutes			Polytechnic Colleges			Vocational Training Institutes		
	Graduates	Qualification Acquisition		Graduates	Qualification Acquisition		Graduates	Qualification Acquisition	
		Number	Rate		Number	Rate		Number	Rate
1980	7,307	5,956	81.5	-	-	-	-	-	-
1985	9,387	9,168	97.7	-	-	-	-	-	-
1990	13,375	11,960	89.4	-	-	-	-	-	-
1991	14,579	12,747	87.4	-	-	-	-	-	-
1992	13,301	12,630	95.0	-	-	-	-	-	-
1993	16,385	14,440	88.1	-	-	-	-	-	-
1994	15,220	13,810	90.7	-	-	-	-	-	-
1995	-	-	-	15,121	13,697	90.6	8,295	7,765	93.6
1996	-	-	-	12,889	10,135	78.6	7,828	6,373	81.4
1997 ²⁾	-	-	-	2,106	1,236	58.7	6,556	6,244	95.2
1998	-	-	-	2,599	1,824	70.2	6,470	6,103	94.3
1999	-	-	-	3,152	2,517	79.9	7,592	7,140	94.0

Source : Ministry of Labour,

Yearbook of Vocational Training, various years.

1) K.M.A : Korea Manpower Agency.

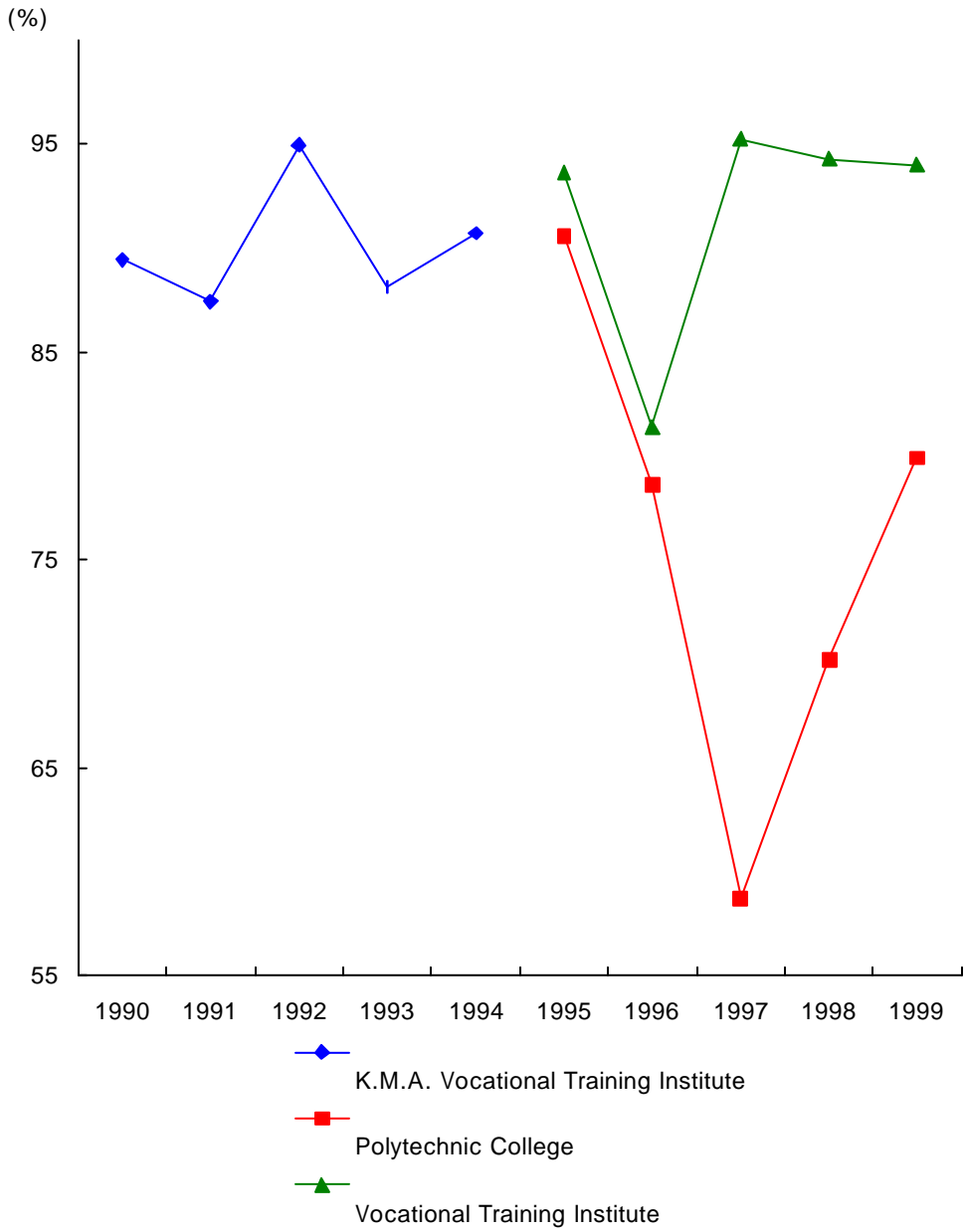
2) 1997

Starting from 1997, the number of polytechnic college graduates excludes the graduates from short term (less than 1 year) courses.

4-16G.

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**National Technical Qualifications Acquired
by Polytechnic College Students & VTI Students**



4-17-1. (1998)
Outcomes of Vocational Training, 1998

In persons, %

	Net Total	(A+B) Total	(A) Regular Training				(B) Unemployment Measure Training		
			Subtotal	Initial	%	Further	%	%	
Total	1,088,112	1,114,146 (26,034)	752,420 (26,034)	73,420 (13,913)	6.6	679,000 (12,121)	60.9	361,726	32.5
Subtotal	196,508	222,542 (26,034)	140,590 (26,034)	30,325 (13,913)	13.6	110,265 (12,121)	49.5	81,952	36.8
Public									
KMA	89,531	100,631 (17,104)	70,057 (17,104)	13,913 (13,913)	13.8	56,144 (3,191)	55.8	36,578	36.3
Polytechnic Colleges	93,277	102,207 (8,930)	60,220 (8,930)	7,177	7.0	53,043 (8,930)	51.9	41,987	41.1
KCCI	8,076	8,076	4,689	4,099	50.8	590	7.3	3,387	41.9
K.E.P.A.D	233	233	233	233	100.0				
MOL ()	3,011	3,011	3,011	2,523	83.8	488	16.2		
Local	2,380	2,380	2,380	2,380	100.0				
Gov't									
Private	889,321	889,321	609,547	40,812	4.6	568,735	64.0	279,774	31.5
Training Instructors	2,283	2,283	2,283	2,283	100.0				

Source : Ministry of Labour, *Review of Vocational Ability Development Training project*, 1999, 8.

- 1) ()
- 2) Numbers in parentheses indicate the number of people double counted in 'unemployment measure training'(UMT).
'Net Total' is obtained by subtracting the number of people double-counted from the 'total' number of people.

4-17-2. (1999)
Plan of Vocational Training, 1999

In persons

	Net Total	(A+B) Total	(A) Regular Training				(B) Unemployment Measure Training			
			Subtotal	Initial	%	Further	%			
Total	871,198	892,578 (21,380)	554,798 (21,380)	43,009 (16,280)	4.8	511,789 (5,100)	57.3	331,780	37.2	
Subtotal	101,108	122,488 (21,380)	62,938 (21,380)	37,669 (16,280)	30.8	25,269 (5,100)	20.6	59,550	48.6	
Public	KMA	53,288	71,476 (18,188)	33,938 (18,188)	13,988 (13,988)	19.6	20,000 (4,200)	28.0	37,488	52.4
	Polytechnic Colleges	31,457	34,649 (3,192)	16,057 (3,192)	12,817 (2,292)	37.0	3,240 (900)	9.4	18,592	53.7
	KCCI	7,130	7,130	3,660	3,660	51.3	590		3,470	48.7
	K.E.P.A.D	210	210	210	210	100.0				
	MOL ()	4,439	4,439	4,439	2,410	54.3	2,029	45.7		
	Local	4,584	4,584	4,584	4,584	100.0				
	Gov't Private Training Instructors	768,090	768,090	495,860	3,340	0.4	492,520	64.1	272,230	35.4

Source : Ministry of Labour, *Review of Vocational Ability Development Training project, 1999*, 8.

1) 1999

Data for 1999 are planned numbers.

2) ()

Numbers in parentheses indicate the number of people counted also in 'unemployment measure training'(UMT).

3)

'Net Total' is obtained by subtracting the number of people double-counted from the 'total' number of people.

4-18-1. (1998)
Outcomes of Vocational Training for the Unemployed, 1998

In persons

		Subtotal	Reemployment Training	Employment Promotion	Employment Training	Training in Promising Field	Training for Business Starters	Training for Skilled Laborers	Priority Trades	Paid-Leave
Public	Total	361,726	170,096	106,222	43,012		13,598	13,913	11,000	3,885
	Subtotal	81,952	54,831				13,208	13,913		
	KMA	36,578	19,474				3,191	13,913		
	Polytec. Colleges	41,987	33,057				8,930			
	KCCI	3,387	2,300				1,087			
	K.E.P.A.D									
	()									
	MOL									
	Local Gov't									
	Private Training Instructors	279,774	115,265	106,222	43,012		390		11,000	3,885

Source : Ministry of Labour, *Review of Vocational Ability Development Training project, 1999, 8.*

- 1) 'Training in promising fields' include training for overseas employment.
- 2) 'Priority trades training' was previously named as 'Government-trusted Training'.

4-18-2. (1999)
Plan of Vocational Training for the Unemployed, 1999

In persons

		Subtotal	Reemployment Training	Employment Promotion	Employment Training	Training in Promising Field	Training for Business Starters	Training for Skilled Laborers	Priority Trades	Paid-Leave
Public	Total	331,780	200,000	55,000	7,000	9,500	8,000	16,280	16,000	20,000
	Subtotal	59,550	37,270			2,500	3,500	16,280		
	KMA	37,488	19,300			2,500	1,700	13,988		
	Polytechnic Colleges	18,592	15,400				900	2,292		
	KCCI	3,470	2,570				900			
	K.E.P.A.D									
	()									
	MOL									
	Local Gov't									
	Private Training Instructors	272,230	162,730	55,000	7,000	7,000	4,500		16,000	20,000

Source : Ministry of Labour, *Review of Vocational ability Development Training project, 1999, 8.*

- 1) 1999
- 2) Data for 1999 are planned numbers.
- 3) 'Training in promising fields' include training for overseas employment.
- 3) ' Priority trades training' was preously named as 'Government-trusted Training'.

4-19. (1998)
Number of Vocational Trainees by Type of VTIs, 1998

: , %

In persons, %

	Total		Public		In-Plant		Authored		Appointed		Private Institutes	
		%		%		%		%		%		%
Total Training	256,106	100.0	47,267	18.5	2,425	1	51,773	20.2	113,559	44.3	41,082	16.1
Reemployment Training	170,096	100.0	17,283	10.2	2,338	1.4	42,609	25	66,784	39.3	41,082	24.2
Training of Skilled Worker	25,515	100.0	16,371	64.2	-	-	9,144	35.8	-	-	-	-
Training for Business Starters	13,598	100.0	13,598	100	-	-	-	-	-	-	-	-
가 Paid-Leave Training	3,885	100.0	15	0.4	87	2.2	20	0.5	3,763	96.9	-	-
Training in Univ.	43,012	100.0	-	-	-	-	-	-	43,012	100	-	-

: ,

. 1999. Source : Ministry of Labour, *Analysis of The Statistics of Unemployment Measure Vocational Training, 1999.*

4-20. (1998)
Course Completion & Job Placement by Type of Vocational Training, 1998

: , %

In persons, %

	Total	Reemployment Training	Employment Promotion Training	Training of Skilled Laborers	Gov't Trusted Training	Training for Business Starters	Training(Imple-mented) in Junior Colleges & univ.	Others
Number of Trainees	362,941	170,096	101,709	14,515	11,000	13,598	43,012	9,011
1) Course Completers	134,314 (9,011)	73,320	37,465	4,786	2,904	11,051	4,788	(9,011)
Employed	26,582	15,571	7,218	1,286	1,486	547	474	-
Rate of Employment	19.8	21.2	19.3	26.9	51.2	4.9	9.9	-

: , , 1999. Source : Ministry of Labour, *Analysis of The Statistics of Unemployment Measure Vocational Training, 1999.*

1) Among the course completors, completors of 'other' type of training are excluded.

4-21.

Funding of Vocational Competency Development Project

In 1,000 Won, %

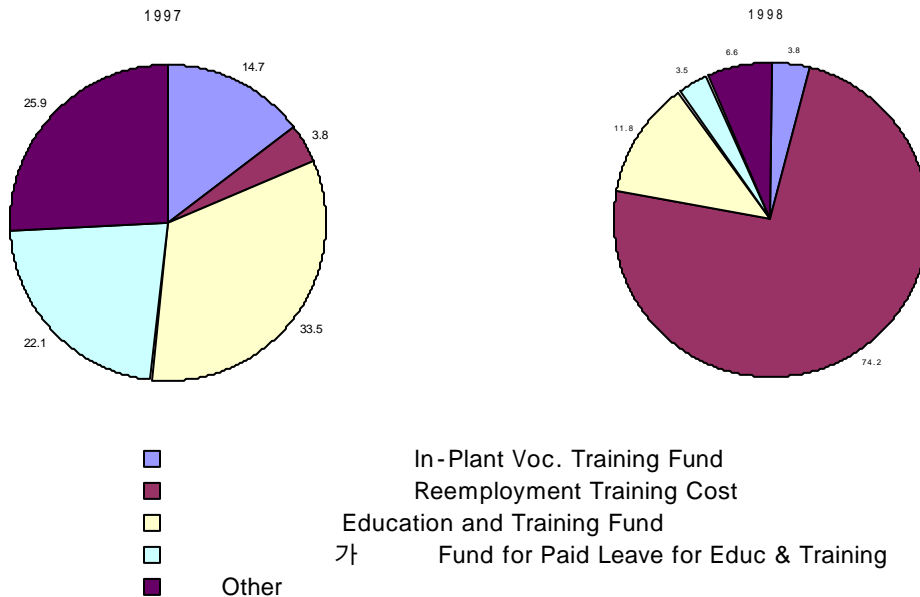
	1997		1998	
	Amount	% Distribution	Amount	% Distribution
In-Plant Voc. Training Fund	8,634	14.7	9,904	3.8
Reemployment Training Cost	2,262	3.8	191,194	74.2
Reemployment Training Fee	-	-	-	-
Education and Training Fund	19,728	33.5	30,503	11.8
가 Fund for Paid Leave for Educ & Training	13,027	22.1	9,117	3.5
Other	15,223	25.9	16,950	6.6
Total	58,873	100.0	257,671	100.0

Source : Ministry of Labour, Monthly Statistics of Employment Insurance, various monthly.

1) Between 1995 and 1998, the training fee is included in the cost of training for reemployment of the unemployed

4-21G.

Funding of Vocational Competency Development Project



International comparison

5-1.1
GDP per Capita

In US dollars

	1990	1991	1992	1993	1994	1995	1996	1997	
North America									
	21,588	20,998	20,006	19,087	18,701	19,392	20,081	20,655	Canada
	22,983	23,419	24,448	25,385	26,606	27,607	28,646	30,276	U.S.A
Asia & Pacific									
	5,916	6,795	7,038	7,530	8,528	10,124	11,417	10,363	Korea, Rep. of
	17,271	17,168	16,641	16,042	18,207	19,434	21,383	21,259	Australia
	24,042	27,454	29,918	34,291	37,524	41,009	36,575	33,370	Japan
	12,817	12,276	11,666	12,661	14,728	17,011	18,455	17,324	New Zealand
Europe									
	20,495	21,127	23,552	22,855	24,672	28,985	-	25,530	Austria
	19,434	20,150	22,352	21,248	22,993	26,950	-	23,800	Belgium
	25,122	25,132	27,430	25,984	27,985	33,027	33,127	32,206	Denmark
	27,015	23,734	21,119	16,657	19,179	24,457	-	23,314	Finland
	21,072	21,052	23,047	21,677	22,988	26,399	26,357	23,758	France
	18,947	21,500	24,443	23,503	25,132	29,570	28,720	25,621	Germany
	12,884	12,954	14,401	13,277	14,619	17,309	-	20,008	Ireland
	18,973	20,274	21,442	17,268	17,768	18,978	21,155	19,913	Italy
	23,656	30,846	35,826	35,213	35,853	-	-	-	Luxembourg
	18,966	19,243	21,207	20,389	21,735	25,584	25,293	23,108	Netherlands
	6,791	7,736	9,336	8,476	8,806	10,422	-	10,422	Portugal
	12,666	13,582	14,799	12,256	12,354	14,269	14,791	13,531	Spain
	26,841	27,764	28,553	21,308	22,575	26,116	28,308	25,735	Sweden
	17,088	17,620	18,228	16,287	17,550	18,906	-	22,135	United Kingdom
OECD Other OECD Countries									
	27,230	27,643	29,442	26,940	28,455	33,634	36,028	34,776	Norway
	1,547	2,000	2,199	2,236	2,403	3,056	-	3,509	Poland
	34,039	34,221	35,391	34,112	37,363	43,797	41,632	36,007	Switzerland

: , 1998.

Source : National Statistical Office,
International Statistics Yearbook, 1998.
The Bank of Korea, National Accounts, 1997.
IMF, International Financial Statistics, 1998. 3.
The Central Bank of China, Financial Statistics, 1998. 2.

5-2. GDP (1994)
Expenditures on Education and R&D to GDP, 1994

: %

%

GDP Public and private	GDP Public only	Spending on formal education				Spending on research and development	
		1 Total annual spending per student as a percentage of GDP per capita	1 GDP (%)				
			Primary	Secondar y	Tertiary		
North America							
7.2	6.7	-	-	56	1.6	Canada	
6.8	4.9	21	26	61	2.5	U.S.A	
Asia & Pacific							
6.2	3.7	18	21	44	2.7	Korea, Rep. of	
4.9	3.8	19	22	42	2.6	Japan	
6.2	4.8	16	26	52	1.6	Australia	
-	6	16	27	50	1	New Zealand	
Europe							
5.6	5.4	27	35	43	1.6	Austria	
-	5.5	16	28	31	1.6	Belgium	
8.4	6.6	24	31	42	1.9	Denmark	
8	6.6	24	28	37	2.3	Finland	
6.7	5.6	17	30	31	2.4	France	
6	4.5	17	31	43	2.3	Germany	
-	3.1	-	13	23	0.5	Greece	
6	5.2	13	22	48	1.4	Ireland	
4.8	4.7	24	28	26	1.2	Italy	
6	4.7	16	22	46	2	Netherland	
5.7	5.3	-	-	-	0.6	Portugal	
6.4	4.8	19	24	30	0.9	Spain	
9	6.6	29	31	73	3.6	Sweden	
-	4.9	19	25	43	2.1	United Kingdom	
OECD Other OECD Countries							
-	5.7	20	30	60	1.3	Czech Rep.	
-	6.8	-	-	-	1.7	Norway	
-	5.6	25	30	66	-	Switzerland	
4.2	3.4	13	10	66	0.4	Turkey	
OECD	6.3	20	26	49	1.6	OECD Average	

(source) : OECD, Human Capital Investment, 1998.

5-3. 가
Economically Active Population & Labor Force Participation Rate

: , %

In 1,000 persons, %

Year	가		가			
	Economically Active Population	Labor Force Participation Rate	Total	Male	Female	
North America						
1997	15,354	6,926	64.8	72.5	57.4	Canada
1997	136,297	63,036	67.1	75.0	59.8	U.S.A
Asia & Pacific						
1998	21,390	8,507	60.7	75.2	47.0	Korea, Rep. of
1997	67,870	2,760	63.7	77.8	50.4	Japan
1997	9,221	3,974	63.3	73.2	53.7	Australia
1997	1,814	808	62.5	71.2	54.3	New Zealand
Europe						
1997	3,884	1,668	58.2	69.2	48.0	Austria
1997	4,214	1,764	50.4	60.6	40.9	Belgium
1997	2,856	1,317	78.6	83.6	73.4	Denmark
1997	2,560	1,208	61.3	67.2	55.9	Finland
1997	26,404	11,980	55.0	62.3	48.1	France
1997	39,694	17,063	57.4	67.8	47.7	Germany
1997	4,293	1,682	49.2	63.1	36.7	Greece
1997	1,539	602	54.7	67.8	42.0	Ireland
1996	22,849	8,615	47.6	61.6	34.6	Italy
1997	7,616	3,225	72.1	82.0	61.9	Netherlands
1997	4,868	2,199	57.8	67.2	49.4	Portugal
1997	16,121	6,273	49.8	63.0	37.5	Spain
1997	4,264	2,034	76.8	79.1	74.5	Sweden
1997	28,716	12,692	62.6	71.7	53.9	United Kingdom
OECD Other OECD Countries						
1997	2,285	1,053	72.4	77.5	34.0	Norway
1997	17,101	7,818	57.7	65.9	50.3	Poland
1997	3,928	1,716	67.2	78.4	56.8	Switzerland

: , , 1998.

Source : National Statistical Office,
International Statistics Yearbook, 1998.
Annual Report on the Economically Active Population Survey, 1997.
ILO, Yearbook of Labor Statistics, 1996, 1997.

5-4. Composition of the Employed by Industry

: , %

In 1,000 person, %

Year	Total Employed Person	Agri., Forestry & Fishery	Mining & Manufacturing	Manufacturing	SOC Others	Not & Adequately Defined	
North America							
1996	13,676	4.1	16.5	15.2	79.4	-	Canada
1996	126,708	2.8	16.6	16.2	80.3	-	U.S.A
Asia & Pacific							
1996	20,764	11.6	22.6	22.5	65.8	-	Korea, Rep. of
1996	64,860	5.5	22.4	22.3	71.7	0.4	Japan
1994	7,921	5.1	15.1	14.0	79.8	-	Australia
1996	1,688	9.5	17.3	17.0	72.8	0.4	New Zealand
Europe							
1996	2,130	6.4	27.4	27.0	66.2	-	Austria
1992	3,773	2.7	23.2	22.9	74.1	-	Belgium
1996	1,441	5.5	24.6	24.4	69.7	0.2	Denmark
1994	22,110	4.7	19.1	18.8	76.2	-	France
1996	35,892	3.0	24.5	23.8	72.5	-	Germany
1996	6,971	3.7	15.6	15.5	78.3	2.4	Netherland
1996	4,467	12.2	22.1	21.7	65.7	-	Portugal
1996	3,963	2.9	19.6	19.4	77.4	0.1	Sweden
1996	26,219	2.0	19.6	19.2	77.9	0.5	United Kingdom
OECD Other OECD Countries							
1996	2,137	5.1	16.0	14.7	78.9	-	Norway
1996	3,789	4.5	20.4	19.7	75.5	-	Switzerland

: , , 1998.

Source : National Statistical Office,
Social Indicators in Korea, 1998.
Annual Report on the Economically Active Population Survey, 1997.
ILO, Yearbook of Labor Statistics, 1996, 1997.

5-5. (1995)
Average Expected Years of Formal Education, 1995

In year

	5 (5 year old) ¹⁾	17 (17 year old) ²⁾	
North America			
	16.0	3.7	Canada
	15.8	3.3	U.S.A
Asia & Pacific			
	14.1	2.6	Korea, Rep. of
	16.3	3.0	Australia
	16.0	2.5	New Zealand
Europe			
	15.2	1.8	Austria
	17.6	2.5	Belgium
	16.3	2.1	Denmark
	15.9	2.8	Finland
	16.3	2.5	France
	16.2	1.8	Germany
	14.0	1.9	Greece
	15.2	2.1	Ireland
	16.9	2.1	Netherland
	15.7	1.8	Portugal
	16.1	2.3	Spain
	15.8	1.8	Sweden
	15.3	2.0	United Kingdom
OECD Other OECD Countries			
	14.1	1.1	Czech Rep.
	16.2	2.4	Norway
	15.4	1.4	Switzerland
	9.3	1	Turkey
OECD	15.2	2.1	OECD Average

(source) : OECD, Human Capital Investment, 1998.

1) 5 (1995 가).
Estimated average number of years in formal education for a 5-year-old child if 1995 enrollment patterns prevailed in the future.

2) 17 (1995 가).
Estimated average number of years in tertiary education for a 17-year-old child if 1995 tertiary enrollment patterns prevailed in the future.

5-6. 25-64

(1995, 1996)

**Gender Differences in Educational Attainment
among the Aged 25-64, 1995-1996**

: %

%

	1995			1996			
	Male	Female	Difference	Male	Female	Difference	
North America							
	74	76	-2	76	77	-1	Canada
	85	87	-2	85	86	-1	U.S.A
Asia & Pacific							
	70	50	20	70	52	18	Korea, Rep. of
	64	42	22	66	48	18	Australia
	64	55	9	66	55	11	New Zealand
Europe							
	73	62	14	79	64	15	Austria
	55	53	2	54	53	1	Belgium
	66	58	8	70	62	8	Denmark
	64	67	-3	66	67	-1	Finland
	73	64	9	63	57	6	France
	89	78	11	87	76	11	Germany
	45	40	5	47	42	5	Greece
	43	51	-8	47	54	-7	Ireland
	37	33	4	40	37	3	Italy
	67	56	11	68	57	11	Netherland
	20	20	0	20	20	0	Portugal
	31	26	5	32	28	4	Spain
	73	77	-4	73	75	-2	Sweden
	81	70	11	81	71	10	United Kingdom
OECD Other OECD Countries							
	90	77	13	91	78	13	Czech Rep.
	82	81	1	83	81	2	Norway
	76	71	5	76	71	5	Poland
	88	76	12	88	73	15	Switzerland
	26	20	6	22	12	10	Turkey
OECD	63	57	6	61	55	6	OECD Average

(source) : OECD, Human Capital Investment, 1998.

- 1) Comparing the difference in percentage-point terms for men and women, 1995.
- 2) The basis on educational attainment is upper secondary education.

5-7.
Unemployment Rate

: %

%

1990	1991	1992	1993	1994	1995	1996	1997	
North America								
8.1	10.4	11.3	11.2	10.4	9.5	9.7	9.2	Canada
5.6	6.8	7.5	6.9	6.1	5.6	5.4	4.9	U.S.A
Asia & Pacific								
2.4	2.3	2.4	2.8	2.4	2.0	2.0	2.6	Korea, Rep. of
2.1	2.1	2.2	2.5	2.9	3.2	3.4	3.4	Japan
6.9	9.6	10.8	10.9	9.8	8.5	8.6	8.6	Australia
7.8	10.3	10.3	9.5	8.2	6.3	6.1	6.7	New Zealand
Europe								
5.4	5.8	5.9	6.8	6.5	6.6	7.0	7.1	Austria
9.6	10.2	11.2	12.9	13.8	14.0	13.8	13.2	Belgium
9.7	10.6	11.3	12.4	12.2	10.3	8.8	7.9	Denmark
3.4	7.6	13.0	17.7	18.2	17.4	16.1	14.5	Finland
8.9	9.4	10.3	11.6	12.3	11.6	12.4	12.4	France
-	7.2	8.7	10.4	11.4	12.9	8.8	9.8	Germany
12.9	14.7	15.3	15.7	14.7	12.2	11.9	10.3	Ireland
11.0	10.9	11.4	10.2	11.1	-	12.1	12.3	Italy
1.3	1.4	1.6	2.1	2.7	-	-	6.4	Luxembourg
7.5	7.0	5.5	6.2	6.8	7.1	6.6	5.5	Netherland
4.7	4.1	4.1	5.5	-	-	7.2	-	Portugal
16.3	16.4	18.4	22.7	24.2	22.9	22.2	20.8	Spain
1.6	3.0	5.2	8.2	8.0	7.7	8.0	-	Sweden
6.7	8.3	10.2	10.3	9.3	8.5	8.2	7.1	United Kingdom
OECD				Other OECD Countries				
5.2	5.5	5.9	6.0	5.4	4.9	4.9	4.1	Norway
6.3	11.8	13.6	16.4	16.0	14.9	13.6	-	Poland
0.5	1.1	2.5	4.5	4.7	4.2	4.7	5.2	Switzerland

: , 1998.

Source : National Statistical Office,
International Statistics Yearbook, 1998.
Annual Report on the Economically Active Population Survey, 1997.
ILO, Yearbook of Labor Statistics, 1996, 1997.

5-8.

(1996)

: %

	Below Upper Secondary Education			Upper Secondary Education		
	15-19	20-24	25-29	15-19	20-24	25-29
North America						
	31.5	49.7	53.9	52.8	65.0	72.4
	26.9	48.6	57.8	55.6	69.2	77.9
Asia & Pacific						
	3.5	66.3	65.7	29.9	55.3	64.0
	40.1	62.8	64.0	62.6	74.9	80.2
	40.4	60.7	61.8	58.8	78.2	81.9
Europe						
	34.8	60.5	69.8	65.4	70.1	82.3
	3.5	45.8	65.2	11.4	38.8	78.8
	57.5	65.9	63.2	70.9	78.1	83.0
	12.8	35.0	55.0	30.2	44.8	67.1
	5.1	41.4	59.1	6.4	36.8	74.7
	26.1	54.2	55.3	64.5	68.9	75.4
	9.4	56.2	57.8	31.0	54.4	80.1
	11.9	47.8	58.3	12.2	26.3	53.4
	13.0	69.4	75.0	6.0	30.3	77.9
	40.0	68.4	68.7	56.8	76.5	85.6
	19.9	68.9	78.8	9.4	28.0	69.7
	15.8	52.5	54.7	5.6	22.6	61.3
	23.1	43.4	58.7	39.2	56.2	75.0
	33.5	47.6	49.7	56.2	68.3	75.5
OECD Other OECD Countries						
	31.2	57.7	66.9	52.6	67.3	79.3
	4.6	43.5	53.4	30.5	49.9	71.0
	14.5	42.5	61.8	49.9	74.5	82.3
	34.8	49.5	53.2	24.6	37.1	64.7

: OECD, OECD , 1998.

5-8. Employment Rate of Youth by Educational Level and Age Group, 1996

%

Non-university Tertiary Education		University-level Education		All Level of Education			Age
20-24	25-29	20-24	25-29	15-19	20-24	25-29	
71.9	80.8	71.3	84.1	37.8	65.2	75.2	Canada U.S.A
80.0	85.3	84.3	87.8	33.2	68.5	78.6	
-	-	76.8	76.4	10.3	59.1	67.9	Korea, Rep. of Australia New Zealand
81.2	80.6	83.0	87.8	46.6	73.2	75.7	
78.4	74.6	75.7	91.4	46.8	72.0	75.0	
75.2	88.8	52.8	80.1	41.0	68.3	80.2	Austria Belgium Denmark Finland France Germany Ireland Italy Luxembourg Netherlands Portugal Spain Sweden United Kingdom
73.9	90.8	55.7	87.9	5.2	45.4	78.9	
82.4	87.8	69.2	84.6	56.8	71.7	75.7	
66.0	74.4	63.2	82.1	15.8	43.7	67.6	
39.5	81.7	26.6	67.7	5.3	37.5	71.2	
79.3	88.5	82.2	82.1	28.7	65.7	74.0	
77.6	88.6	67.1	85.7	15.6	59.9	75.4	
-	-	38.3	52.5	12.0	34.4	55.6	
-	-	41.7	84.5	12.3	57.5	76.6	
-	-	65.6	86.0	42.7	72.4	81.2	
51.0	83.4	62.7	83.3	18.6	52.4	77.6	
48.6	68.4	20.5	54.3	12.0	36.4	57.5	
45.9	73.8	62.7	84.6	22.2	53.1	73.7	
77.4	89.5	74.1	88.1	51.0	67.3	75.3	
57.3	69.6	60.9	81.3	34.5	64.4	77.3		Norway Poland Switzerland Turkey
62.0	78.8	72.7	86.6	9.4	49.8	70.9	
83.2	90.8	43.3	68.9	16.7	67.4	79.4	
-	-	51.5	80.2	33.0	45.9	57.0	

Source : OECD, *Education at a glance OECD Indicators*, 1998.

5-9.

(1996)

: %

Youth Population in Education						
	Ages	In Work-Study Programme	Employed	Unemployed	Not in LF.	Subtotal
	15-19	m	29.4	6.0	38.6	74.0
	20-24	m	19.8	2.4	9.3	31.5
	25-29	m	11.2	0.8	2.8	14.8
	15-19	m	26.2	5.0	51.9	83.0
	20-24	m	16.4	1.5	19.9	37.7
	25-29	m	6.6	0.5	5.2	12.3
	15-19	5.3	0.4	0.1	90.2	96.1
	20-24	4.8	3.1	0.7	42.4	50.9
	25-29	1.6	3.9	0.5	5.0	11.0
	15-19	20.8	1.8	0.7	67.2	90.5
	20-24	8.9	3.6	0.2	19.4	32.0
	25-29	1.1	3.9	0.2	8.5	13.7
	15-19	m	0.6	0.7	70.7	72.0
	20-24	m	1.0	1.6	29.3	32.0
	25-29	m	1.3	0.8	10.7	12.7
	15-19	0.2	1.6	2.7	69.0	73.5
	20-24	0.1	4.3	5.5	34.0	43.9
	25-29	0.0	4.9	4.4	6.9	16.2
	15-19	8.1	25.3	3.9	32.6	69.9
	20-24	2.7	11.4	1.2	12.3	27.6
	25-29	1.1	8.7	0.8	3.0	13.6
	15-19	m	25.9	4.3	51.4	81.6
	20-24	m	19.3	1.1	12.2	32.5
	25-29	m	8.6	0.4	2.9	11.9
OECD	15-19	10.4	10.0	2.9	62.4	81.5
가	20-24	3.3	8.7	2.2	22.9	35.8
	25-29	0.7	6.7	1.1	5.3	13.5
(1999)	15-19	m	0.5	9.3	77.7	87.5
	20-24	m	0.8	14.8	35.2	50.8
	25-29	m	2.9	5.4	4.6	12.9

: OECD, OECD , 1998.

, 1999.

m: 가 가
Indicates missing data.

가 .

International comparison

5-9. International Comparison of Education and Employment of the Youth (Aged 15-29), 1996

Youth Population Not in Education					
Employed	Unemployed	Not in LF.	Subtotal	Ages	
17.2	6.0	2.8	26.0	15 - 19	Australia
53.4	7.5	7.6	68.5	20 - 24	
64.5	5.7	14.9	85.2	25 - 29	
8.9	3.7	4.4	17.0	15 - 19	Canada
43.7	9.3	9.2	62.3	20 - 24	
67.0	8.7	12.1	87.7	25 - 29	
1.1	1.6	1.3	3.9	15 - 19	France
31.5	12.6	4.9	49.1	20 - 24	
66.7	13.2	9.1	89.0	25 - 29	
5.8	1.6	2.0	9.5	15 - 19	Germany
52.9	6.8	8.2	68.0	20 - 24	
68.7	6.6	11.0	86.3	25 - 29	
11.8	6.3	9.9	28.0	15 - 19	Italy
34.2	16.6	17.3	68.0	20 - 24	
56.4	12.2	18.6	87.3	25 - 29	
13.0	9.1	4.4	26.5	15 - 19	Spain
33.4	17.6	5.0	56.1	20 - 24	
53.0	19.3	11.5	83.8	25 - 29	
17.9	7.2	5.0	30.1	15 - 19	United
53.8	8.5	10.1	72.4	20 - 24	
65.6	6.9	13.9	86.4	25 - 29	
10.1	2.8	5.5	18.4	15 - 19	U.S.A
51.2	5.5	10.8	67.5	20 - 24	
71.5	4.1	12.5	88.1	25 - 29	
9.9	35.8	4.8	18.5	15 - 19	OECD Average
46.1	9.4	8.6	64.2	20 - 24	
66.4	8.5	11.6	86.5	25 - 29	
3.7	4.2	4.7	12.6	15 - 19	Korea, Rep. of (1999)
33.6	11.5	4.1	49.2	20 - 24	
58.1	9.5	19.5	87.1	25 - 29	

Source : OECD, *Education at a glance OECD Indicators*, 1998.
KRIVET Sample Survey, 1999.

5-10.

(1996)

: %

	Below Upper Secondary Education			Upper Secondary Education		
	15-19	20-24	25-29	15-19	20-24	25-29
North America						
	22.7	25.0	21.2	15.9	12.7	11.7
	21.3	19.1	16.2	11.2	9.6	7.1
Asia & Pacific						
	9.8	7.6	3.0	6.7	5.3	3.0
	22.6	19.8	12.0	16.5	10.1	7.1
	17.3	14.7	10.8	11.2	7.6	3.5
Europe						
	7.4	10.4	8.6	5.7	4.6	3.2
	22.9	29.7	18.9	27.3	19.1	11.0
	2.4	14.7	18.9	5.2	7.0	7.4
	24.9	39.5	28.5	36.0	23.8	17.0
	24.3	37.0	25.5	26.5	23.5	15.0
	6.8	15.4	17.4	8.4	8.4	7.5
	32.3	30.6	24.7	19.4	13.1	7.9
	33.1	29.1	16.8	45.9	36.8	17.7
	15.0	9.6	5.9	18.8	4.8	2.8
	18.9	11.8	8.6	8.8	6.6	4.5
	16.6	13.8	9.2	38.7	20.4	8.9
	50.3	37.0	31.7	51.7	40.7	24.8
	22.2	30.9	22.8	23.8	20.2	13.6
	31.4	28.0	21.7	14.9	11.6	9.5
OECD Other OECD Countries						
	18.9	16.1	10.5	14.3	9.7	6.2
	30.6	32.0	26.1	50.8	26.7	14.4
	8.8	9.6	6.7	33.9	27.2	11.8

: OECD, OECD , 1998.

5-10. Unemployment Rates of Youth by Educational Level and Age Group, 1996

%

Non-university Tertiary Education		University-Level Education		All Level of Education			age	
20-24	25-29	20-24	25-29	15-19	20-24	25-29		
11.5	8.8	9.0		20.1	13.6	10.4	Canada U.S.A	
5.3	2.2	5.4	2.8	17.8	9.9	6.4		
-	-	7.7		7.5	5.9	3.3	Korea, Rep. of Australia New Zealand	
8.2	5.9	6.7	4.2	20.4	11.9	8.0		
10.8	6.1	6.3	2.3	15.1	9.6	5.9		
14.2	4.4	3.9		6.8	5.7	4.2	Austria Belgium Denmark Finland France Germany Greece Italy Luxembourg Netherlands Portugal Spain Sweden United Kingdom	
9.7	4.7	6.5		25.3	20.0	10.7		
11.1	6.0	14.6	5.8	2.6	9.9	10.5		
20.5	12.2	6.8	6.3	29.0	26.7	17.0		
19.0	10.1	17.2	7.6	24.7	26.6	16.4		
7.2	4.9	18.2	14.4	7.3	9.6	8.4		
8.4	5.2	-	6.5	25.4	15.9	11.5		
-	-	6.5	4.9	36.1	33.1	18.3		
-	-	37.9	31.0	15.2	9.1	4.6		
-	-	14.9	0.6	16.9	8.8	6.0		
17.7	8.8	11.6	6.6	18.4	15.9	9.1		
36.8	24.9	25.6	9.0	50.8	39.2	29.3		
11.0	8.0	52.1	31.2	22.2	20.6	12.7		
8.0	2.9	10.9	5.1	17.9	12.8	9.3		
		11.3	4.9					
7.4	5.8	9.2		17.9	10.2	6.4		Norway Poland Turkey
26.0	8.8	5.2		44.2	27.1	14.5		
-	-	17.2	7.4	13.3	15.6	8.1		
		29.1	10.5					

Source : OECD, *Education at a glance OECD Indicators*, 1998.

5-11. 25-64 ¹⁾(1995)
Expected Years of Unemployment over a Working Lifetime by Level of Educational Attainment for Men Aged 25-64, 1995

In year

	Below upper Secondary	Upper Secondary only	Tertiary	All Levels combined	A B Difference in years between tertiary and below upper secondary	
North America						
	4.1	2.8	2.3	2.8	1.8	Canada
	3.0	1.7	1.1	1.7	2.0	U.S.A
Asia & Pacific						
	0.6	0.6	0.6	0.6	0.0	Korea, Rep. of
	3.5	2.2	1.6	2.5	2.0	Australia
	2.3	1.1	1.2	1.5	1.1	New Zealand
Europe						
	1.6	0.9	0.6	1.0	1.0	Austria
	3.0	1.4	0.9	2.0	2.1	Belgium
	4.0	2.8	2.0	3.1	2.0	Denmark
	6.8	5.8	3.1	5.3	3.7	Finland
	4.4	2.5	2.1	2.8	2.3	France
	4.5	2.3	1.6	2.4	2.9	Germany
	1.8	1.7	1.9	1.8	-0.1	Greece
	5.0	2.3	1.4	3.5	3.6	Ireland
	2.2	1.4	1.8	1.9	0.4	Italy
	1.9	1.1	1.1	1.4	0.8	Netherlands
	1.9	1.6	1.4	1.8	0.5	Portugal
	5.6	3.9	2.9	4.8	2.6	Spain
	4.3	3.3	2.0	3.2	2.4	Sweden
	5.4	2.9	1.6	3.0	3.8	United Kingdom
OECD Other OECD Countries						
	2.8	0.6	0.2	0.7	2.6	Czech Rep.
	2.2	1.4	0.9	1.4	1.2	Norway
	4.6	2.9	1.3	3.0	3.4	Poland
	2.3	0.9	0.7	1.0	1.6	Switzerland
	1.7	1.6	1.0	1.6	0.8	Turkey
OECD	3.2	2.0	1.4	2.2	1.8	OECD Average

(source) : OECD, Human Capital Investment, 1998.

1)

Expected years of unemployment represent the average number of years an individual would spend in unemployment over a working lifetime for a given level of educational attainment at current rates of unemployment.

International comparison

5-12. ()
Average Working Hours per Week in Manufacturing Industry

:

In hours

	1990	1991	1992	1993	1994	1995	1996	1997	
North America									
	38.2	37.9	38.3	38.6	38.8	38.5	-	39.3	Canada
	40.8	40.7	41.0	41.4	42.0	41.6	41.6	42.0	U.S.A
Asia & Pacific									
	49.8	49.3	48.7	48.9	48.7	49.2	48.4	47.8	Koear, Rep. of
	40.8	40.0	38.8	37.7	37.6	37.8	43.3	42.7	Japan
	38.1	37.6	38.0	38.1	38.9	38.7	-	-	Australia
	40.7	40.4	41.1	41.6	42.0	41.8	41.6	41.4	New Zealand
Europe									
1)	139.5	138.2	138.2	137.9	139.6	36.1	36.6	36.9	Austria
	33.4	32.7	32.3	32.4	33.0	-	-	-	Belgium
	31.5	31.5	31.5	31.5	-	-	-	-	Denmark
	38.7	38.7	38.7	38.6	38.7	-	-	-	France
	39.5	39.2	38.9	37.6	39.3	38.3	37.4	37.4	Germany
	38.8	38.4	38.3	37.8	37.9	38.0	39.2	38.3	Ireland
	39.9	39.8	40.5	40.6	-	-	-	-	Luxembourg
	39.9	39.9	39.8	39.8	38.1	-	-	-	Netherland
	40.7	39.3	38	38	39	39.7	39.6	38.7	Portugal
	37.4	37.2	36.8	36.6	36.8	36.7	36.7	37.1	Spain
	38.5	38.4	38.5	37.3	37.8	-	-	-	Sweden
	42.3	41.3	41.5	41.3	41.6	42.1	41.9	42.0	United Kingdom
OECD Other OECD Countries									
	37	36.8	36.8	36.8	36.9	36.7	36.8	36.7	Norway
	41.6	41.5	41.4	41.4	41.4	41.4	41.4	-	Switzerland

: , 1998.

Source : National Statistical Office,
International Statistics Yearbook, 1998.

1) : , 1994 .
Up until 1994, the data for Austria indicates
hours of work per month.

Ministry of Labour, *Yearbook of Labour Statistics, 1997.*
ILO, *Yearbook of Labour Statistics, 1996, 1997.*

5-13. 1
Number of Students per Teacher

In person

Year	Primary Education	Secondary Education	Tertiary Education	
North America				
94 / 95	16	19	30	Canada
94 / 95	16	15	16	U.S.A
Asia & Pacific				
95 / 96	28	23	26	Korea, Rep. of
94 / 95	19	14	10	Japan
1994	-	13	35	Australia
1994	17	14	13	New Zealand
Europe				
94 / 95	12	9	9	Austria
93 / 94	12	8	10	Belgium
94 / 95	19	13	17	France
94 / 95	17	15	7	Germany
94 / 95	11	-	23	Italy
94 / 95	18	16	19	Spain
94 / 95	11	10	8	Sweden
94 / 95	19	15	17	United Kingdom
OECD Other OECD Countries				
93 / 94	15	-	22	Norway
94 / 95	28	23	27	Turkey

: OECD, OECD , 1998.

Source : OECD, *Education at a glance OECD Indicators*, 1998.

International comparison

5-14. 25-64 (1996)
**Distribution of the Population Aged 25 to 64 Age
 by Educational Level, 1996**

: %

%

Below upper Secondary Education	Upper Secondary Education	Non-university Tertiary Education	University- Level Education	Total	
North America					
24	29	31	17	100	Canada
14	52	8	26	100	U.S.A
Asia & Pacific					
39	42	-	19	100	Korea, Rep. of
43	32	10	15	100	Australia
40	35	14	11	100	New Zealand
Europe					
29	63	2	6	100	Austria
47	30	13	11	100	Belgium
34	44	7	15	100	Denmark
33	46	9	12	100	Finland
40	41	9	10	100	France
19	60	9	13	100	Germany
50	28	12	11	100	Ireland
62	30	-	8	100	Italy
71	18	-	11	100	Luxembourg
37	40	-	23	100	Netherland
80	9	3	7	100	Portugal
70	13	5	13	100	Spain
26	47	14	13	100	Sweden
24	55	9	13	100	United Kingdom
OECD Other OECD Countries					
18	55	11	16	100	Norway
26	61	3	10	100	Poland
20	58	12	10	100	Switzerland

: OECD, OECD , 1998.

Source : OECD, *Education at a glance OECD Indicators*, 1998.

5-15. 25-64 (1996)
Distribution of the Labor Force Aged 25 - 64 by Educational Level, 1996

: %

%

	Below upper Secondary Education	Upper Secondary Education	Non-university Tertiary Education	University- Level Education	Total	
North America						
	18	29	33	20	100	Canada
	11	52	9	28	100	U.S.A
Asia & Pacific						
	38	41	-	21	100	Korea, Rep. of
	37	35	11	17	100	Australia
	35	38	15	13	100	New Zealand
Europe						
	23	68	2	7	100	Austria
	37	33	16	14	100	Belgium
	29	47	8	17	100	Denmark
	29	48	10	14	100	Finland
	34	44	11	11	100	France
	14	61	10	15	100	Germany
	43	29	14	14	100	Ireland
	54	34	-	11	100	Italy
	63	21	-	16	100	Luxembourg
	29	43	-	27	100	Netherland
	76	11	4	9	100	Portugal
	62	15	6	17	100	Spain
	23	48	15	14	100	Sweden
	19	57	10	15	100	United Kingdom
OECD Other OECD Countries						
	15	56	12	17	100	Norway
	21	64	4	12	100	Poland
	17	58	14	10	100	Switzerland

: OECD, OECD , 1998.

Source : OECD, *Education at a glance OECD Indicators*, 1998.

International comparison

5-16. (1995)
Human Development Index, 1995

: , %

Age, %

Life Expectancy at Birth	Adult Literacy Rate	Gross Enrollment Rate	HDI	
North America				
79.1	99.0	100	0.960	Canada
76.4	99.0	96	0.943	U.S.A
Asia & Pacific				
71.7	98.0	83	0.894	Korea, Rep. of
79.9	99.0	78	0.940	Japan
78.2	99.0	79	0.932	Australia
76.6	99.0	94	0.939	New Zealand
Europe				
76.7	99.0	87	0.933	Austria
76.9	99.0	86	0.933	Belgium
75.3	99.0	89	0.928	Denmark
78.7	99.0	89	0.946	France
76.4	99.0	81	0.925	Germany
76.4	99.0	88	0.930	Ireland
76.1	99.0	58	0.900	Luxembourg
77.5	99.0	91	0.941	Netherland
74.8	89.6	81	0.892	Portugal
71.1	99.0	79	0.851	Spain
78.4	99.0	76	0.930	Sweden
76.8	99.0	86	0.932	United Kingdom
OECD Other OECD Countries				
77.6	99.0	92	0.943	Norway
78.2	99.0	76	0.930	Switzerland

: , , 1998.

Source : National Statistical Office,
International Statistics Yearbook, 1998.
UNDP, *Human Development Report*, 1997.

1 - 2

$$\frac{\quad}{(6 \quad - \quad)}$$

1 - 3

가 $\frac{\quad}{15} \times 100$

1 - 4

GDP $\frac{\quad}{\quad} \times 100$

1 - 10

$$= \frac{7}{30.4}$$

1 - 12

$$\frac{\quad}{\quad} \times 100$$

$$\frac{\quad}{\quad} \times 100$$

1 - 13

$$\frac{\quad}{(\quad + \quad)} \times 100$$

1 - 14

$$\frac{\quad}{(\quad + \quad)} \times 100$$

1 - 15

$$\frac{\quad}{\quad} \times 100$$

1 - 16

1 - 17

$$\frac{\quad}{\quad} \times 100$$

$$LP^t = \left(\frac{V_i^0}{V_i^t} \right) LP_i^t$$

LP : , t : , i : i , V : 가가

Formulars

Table NO	Formulars
1 - 2	<p>Expected years of education</p> $= \frac{\text{Cumulative years of education received by total population}}{\text{Total pop 6 yearsold and over} \cdot \text{Total number of students}} \cdot 100$
1 - 3	<p>Labor force participation rate</p> $= \frac{\text{Economically active populaton}}{\text{Population 15 years old and over}} \cdot 100$
1 - 4	<p>Ratio of R & D expenditure to GDP</p> $= \frac{\text{R\&D Expenditure}}{\text{GDP}} \cdot 100$
1 - 10	<p>Weekly average working hours</p> $= \text{Monthly average working hours} \cdot \frac{7}{30.4}$
1 - 12	<p>Percentage of employees = $\frac{\text{Employees}}{\text{Total employed pesons}} \cdot 100$</p> <p>Stable employment rate = $\frac{\text{Regular employees}}{\text{Employees}} \cdot 100$</p>
1 - 13	<p>Employment accession rate</p> $= \frac{\text{Wage earners placed during a given month}}{(\text{Wage earners at the end of the previous month} + \text{Wage earners at the end of a given month})} \cdot 100$
1 - 14	<p>Employment separation rate</p> $= \frac{\text{Wage earners displaced during a given month}}{(\text{Wage earners at the end of the previous month} + \text{Wage earners at the end of a given month})} \cdot 100$
1 - 15	<p>Unemployment rate</p>
1 - 16	$= \frac{\text{Unemployed persons}}{\text{Economically active population}} \cdot 100$
1 - 17	<p>Labor productivity index</p> $= \frac{\text{output index}}{\text{labor input index}} \cdot 100$

2 - 4		$\frac{(15 \cdot \dots)}{\dots} \times 100$
2 - 5		$\frac{\dots}{\dots}$
2 - 6		$\frac{\dots}{\dots}$
2 - 7	PC 1	$\frac{\dots}{\dots} \text{ PC}$
2 - 8	1	$\frac{\dots}{\dots}$
2 - 9	1	$\frac{\dots}{\dots}$
2 - 10		$\frac{\dots}{\dots} \times 100$
2 - 11	1	$\frac{\dots}{\dots}$
	1	$\frac{\dots}{\dots}$

Table NO	Formulars
2 - 4	<p>Annual participation rate in lifelong learning program</p> $= \frac{\text{Number of Students enrolled in Life-Long learning programs}}{(\text{\# of population aged 15 \& over} + \text{\# of Students enrolled in formal education programs})} \times 100$
2 - 5	<p>Number of students per class</p> $= \frac{\text{Total number of students}}{\text{Total number of classes}} \times 100$
2 - 6	<p>Number of students per classroom</p> $= \frac{\text{Total number of students}}{\text{Total number of classrooms}} \times 100$
2 - 7	<p>Number of PC per student</p> $= \frac{\text{Total students}}{\text{Total educational PCs}} \times 100$
2 - 8	<p>Number of books per student</p> $= \frac{\text{Total number of books}}{\text{Total number of students}} \times 100$
2 - 9	<p>School classroom area per student</p> $= \frac{\text{Total area of school classrooms}}{\text{Total number of students}}$
2 - 10	<p>Rate of vocational education budget to Ministry of Education budget</p> $= \frac{\text{Vocational education budget}}{\text{Total Ministry of education budget}} \times 100$
2 - 11	<p>Annual training cost per student = $\frac{\text{Total annual training cost}}{\text{Total number of students}}$</p> <p>Annual practice cost per student = $\frac{\text{Total annual practice cost}}{\text{Total number of students}}$</p>

3 - 8	= _____
3 - 13	= $\frac{\square \square}{\square 00}$
3 - 15	1 = _____ $\square 00$
3 - 16	
3 - 17	= _____ $\times 100$
3 - 18	= _____ $\times 100$
3 - 19	1 = _____
	1 = _____
3 - 26	= _____ $\square 00$
4 - 5	
4 - 6	= _____ $\times 100$
4 - 7	
4 - 8	
4 - 9	= (_____ - _____) $\times 100$
4 - 11	

Table NO	Formulars
3 - 8	Ratio of General High School Students to Vocational High Schools Students $= \frac{\text{General high school students}}{\text{Vocational high school students}}$
3 - 13	Discontinuation rates of students $= \frac{\text{Number of students removals from a register, dropouts & absentees for a semester or more}}{\text{Total number of students}} \times 100$
3 - 15	Students per teacher = $\frac{\text{Total number of students}}{\text{Total number of teachers}} \times 100$
3 - 16	
3 - 17	Provision rate of teachers = $\frac{\text{Actual number of teachers}}{\text{Number of Teachers set by the law}} \times 100$
3 - 18	Separation rate of teachers = $\frac{\text{Number of teacher leaving school per year}}{\text{Total number of teachers}} \times 100$
3 - 19	Students per clerical staff = $\frac{\text{Total number of students}}{\text{Total clerical staff}} \times 100$ Teachers per clerical staff = $\frac{\text{Total number of teachers}}{\text{Total clerical staff}} \times 100$
3 - 26	Job placement ratio = $\frac{\text{Number of job placements}}{\text{Job applicants}} \times 100$
4 - 5	Advancement rate = $\frac{\text{Entrants to higher educational institutions among graduates in a given year}}{\text{Graduates in a given year}} \times 100$
4 - 6	
4 - 7	
4 - 8	
4 - 9	Employment rate of graduates $= \frac{\text{No. of employed graduates}}{(\text{No. of graduates} - \text{No. of entrants to higher school level} - \text{No. of enlisted in the army})} \times 100$
4 - 11	

4 - 10	$\left(\frac{\quad - \quad}{\quad - \quad} \right) \times 100$
4 - 12	가 가 $\frac{\quad}{\quad} \times 100$
4 - 15	가 가 $\frac{\quad}{\quad} \times 100$
4 - 21	$\frac{\quad}{\quad} \times 100$
5 - 1	1 (GNP) $\frac{\text{GNP}}{\quad}$
	1 (GDP) $\frac{\text{GNP} - \quad}{\quad}$
5 - 8	$\frac{\quad}{\quad} \times 100$
5 - 16	$\frac{\quad}{\quad} \times 100$

Table NO	Formulars
4 - 10	<p>Employment rate of graduates</p> $= \frac{\text{No. of employed graduates in the major field}}{(\text{No. of graduates} - \text{No. of entrants to higherschool level} - \text{No. of enlisted in the army})} \times 100$
4 - 12	<p>Percentage of national qualification registrants</p> $= \frac{\text{Technical qualification registrants}}{\text{Total employed persons}} \times 100$
4 - 15	<p>Percentage of national qualification registrants</p> $= \frac{\text{Technical qualification registrants}}{\text{Total graduates}} \times 100$
4 - 21	<p>Rate of Employment for the Vocational Training for the Unemployed Completers</p> $= \frac{\text{Number of the Employed among the V.T.U. Completers}}{\text{Number of V.T.U. Completers}} \times 100$ <p>(note : V.T.U. stands for Vocational Training for the Unemployed)</p>
5 - 1	<p>GDP per Capita</p> $= \frac{\text{GNP - Net factor incomes from abroad}}{\text{Total number of national residents - Number of residents alien}}$
5 - 8	<p>Employment rate = $\frac{\text{Employed persons}}{\text{Economically active population}} \times 100$</p>
5 - 16	<p>Gross school enrollment rate = $\frac{\text{Number of those enrolled in school}}{\text{Number of population in the target ages}}$</p>