## TABLE OF CONTENTS

Introduction ..... 1
Symbols and country abbreviations ..... 2
Definition of statistical tools ..... 3
Classifications ..... 6
Glossary - key terms ..... 12
Related publications ..... 15
A - Context
A. 1 Total population, 1.1.2001 (in millions) ..... 18
A. 2 Proportion of people aged 3-25 years in the total population, 1.1.2001 (\%) ..... 18
A. 3 Population aged 0-29, 0-9, 10-19 and 20-29 years as \% of the total population, 1.1.2001 ..... 20
A. 4 Change in the population aged 0-29, 0-9, 10-19 and 20-29 years from 1975 to 2000 (\%) ..... 20
A. 5 Population projections for 2010: growth rates (\%) ..... 22
A. 6 Starting and ending ages of compulsory education, 2000/01 ..... 22
A. 7 Educational attainment of the population by age group, 2002 (\%) ..... 24
A. 8 Percentage of the population who have not completed upper secondary education, by age group, 2002 ..... 26
A. 9 Percentage of the population aged 25-64 who have not completed upper secondary education, by sex, 2002 ..... 26
A. 10 Percentage of the population aged 25-64 who have not completed upper secondary education ..... 27in the EU Member States (1996 and 2002)
A. 11 Percentage of the population with tertiary educational attainment, by age group, 2002 ..... 28
A. 12 Percentage of the population aged 25-64 with tertiary educational attainment, by sex, 2002 ..... 28
A. 13 Percentage of the population aged 25-64 with tertiary educational attainment ..... 29in the EU Member States (1996 and 2002)
A. 14 Percentage of people aged 18-24 with only lower secondary education not in education or training ..... 30
(early school leavers), by sex, 2002
A. 15 Recent school-leavers by parents' highest educational attainment, by sex, 2000 ..... 30
A. 16 Active population aged 25-64 as \% of total population aged 25-64, 2002 ..... 32
A. 17 Inactive population aged 25-64 by sex and educational attainment as \% of total population ..... 32in the age group 25-64, 2002
A. 18 Mobility between recent school-leavers educational attainment and their parents' educational attainment ..... 32(Absolute rates of stability, upward and downward mobility, in percent), 2000
A. 19 Population in jobless households, 2002 ..... 34
A. 20 At risk of poverty rate by highest educational attainment, 2000 ..... 34
A. 21 Background economic indicators for 2000 ..... 36
A. 22 Gross domestic expenditure on research \& development, by source of funds, 2000 (\%) ..... 36
B - Financing of education
B. 1 Public expenditure on education as \% of GDP, 2000 ..... 40
B. 2 Mean consumption expenditure on education per household as \% of total mean consumption expenditure per ..... 40
household, 199942
B. 4 Expenditure per pupil/student in public institutions compared to GDP per capita, by levels of education, 2000 ..... 42
B. 5 Breakdown by type of expenditure in public institutions, 2000 (\%) ..... 44
B. 6 Financial aid to pupils and students as \% of public expenditure on education, by level of education, 2000 ..... 44
B. 7 Initial and final sources of public funding on education by level of government, 2000 (\%) ..... 46
B. 8 Relative proportions (\%) of expenditure on education from public and private sources of funds, 2000 ..... 48
C - Teachers
C. 1 Teachers working (full-time and part-time) at ISCED levels 1-3 as \% of total active population, 2000/0152
C. 2 Teaching/academic staff working part-time as \% of total full-time and part-time teaching/academic staffby ISCED level, 2000/01
C. 3 Minimum and maximum salaries of teachers relative to GDP per capita, by ISCED level, 2000/01 ..... 54
C. 4 Proportion of women in the total number of teachers/academic staff by ISCED level, 2000/01 ..... 56
C. 5 Proportion of women in the total number of school level management personnel (ISCED level 3), 2000/01 ..... 56
C. 6 Proportion of women in the total number of teachers and of school level management personnel ..... 56(ISCED level 3), 2000/01
C. 7 Distribution of teachers in public and private institutions by ISCED level and age group, 2000/01 ..... 58
C. 8 Ratio of students to teachers (ISCED level 1), 2000/01 ..... 60
C. 9 Average class size (ISCED levels 1 and 2), 2000/01 ..... 60
D - Participation in education
D. 1 Pupils and students by ISCED level, 2000/01 (1000s) ..... 64
D. 2 Pupils and students (ISCED 1-6) aged 5-29 years, in 1000s and as \% of corresponding age population, 2000/01 ..... 64
D. 3 Pupils and students at ISCED levels 1-4 as \% of all pupils and students (ISCED levels 0-6), 2000/01 ..... 64
D. 4 Distribution of pupils and students (ISCED levels 1-4) by type of educational institution, 2000/01 (1000s) ..... 66
D. 5 Students (ISCED levels 1-6) aged 15-24 years as \% of the corresponding age population, by sex, 2000/01 ..... 66
D. 6 Students (ISCED levels 1-6) aged 18, 20, 22, 24 and 30 years and over as \% of corresponding age population, ..... 68by sex, 2000/01
D. 7 Students aged 30 years and over as \% of all pupils and students (ISCED levels 1-6), by sex, 2000/01 ..... 68
D. 8 Participation rates in pre-primary education (ISCED level 0) for children aged 4 years, 1959/60 to 2000/01 ..... 70
D. 9 Participation rates in pre-primary education (ISCED level 0) and primary education (ISCED level 1), ..... 70by age, 2000/01
D. 10 New entrants to upper secondary education (ISCED level 3) at theoretical starting age as \% of corresponding ..... 72
age population, 2000/01
D. 11 Students in vocational education as \% of all students (ISCED level 3), by sex, 2000/01 ..... 72
D. 12 Trend in female participation (ISCED level 3): females per 100 males, 1975/76 and 2000/01 ..... 74
D. 13 Female participation (ISCED levels 3-4 vocational programmes): females per 100 males, 2000/01 ..... 74
D. 14 Percentage of pupils repeating primary and secondary education, by ISCED level, 2000/01 ..... 76
D. 15 Percentage of pupils repeating primary education (ISCED level 1), by sex, 2000/01 ..... 76
D. 16 Percentage of pupils with special needs enrolled in segregated provision, 2000/01 ..... 78
D. 17 Percentage of the population aged 25 to 64 years, having followed any kind of education or training, by sex, ..... 80

## E - Completion of upper secondary education

E. 1 Theoretical ending age of upper secondary education (ISCED level 3) by destination and orientation, 2000/01 8
E. 2 Graduates in upper secondary education (ISCED level 3) by programme destination and sex, 2001 (1000s) 84
E. 3 Percentage of graduates (ISCED level 3) aged 23 and over, 200186
E. 4 Graduates (ISCED level 3) by programme orientation, 200186
E. $5 \quad$ Female graduates per 100 male graduates (ISCED level 3) by programme orientation, 200186

## F - Tertiary education

F. 1 Students (ISCED levels 5-6) in 1000s and as \% of all pupils and students 90
F. 2 Trends in the number of students (ISCED levels 5-6), 1975/76-2000/01 90
F. $3 \quad$ Female students per 100 male students (ISCED levels 5-6), 1975/76-2000/01 92
F. 4 Age distribution of students (ISCED levels 5-6) by intensity of participation, 2000/01 94
F. 5 Entrants to ISCED level 5 at theoretical starting age, 2000/01 94
F. 6 Students (ISCED levels 5-6) aged 20 and 22 years as \% of corresponding age population, by sex, 2000/01 96
F. 7 Proportion of students (ISCED levels 5-6) aged 30 years and over, 2000/01 (\%) 96
F. 8 Distribution of students (ISCED levels 5-6) by field of study, 2000/01 (1000s) 98
F. $9 \quad$ Female students as \% of all students (ISCED levels 5-6), by field of study, 2000/01 100
F. 10 Progression of women and men through tertiary education, by sex (\% of total) 100
F. 11 Distribution of graduates (ISCED levels 5-6) by field of study, 2001 (\%) 102
F. 12 Female graduates as \% of all graduates (ISCED levels 5-6), by field of study, 2001
F. 13 Total graduates (ISCED levels 5-6) per 1000 of population aged 20-29, 2001 104
F. 14 Graduates (ISCED levels 5-6) aged 20-29 per 1000 of the corresponding age population, 2001104
F. 15 Graduates (ISCED levels 5-6) aged 30 years and over as \% of total graduates (ISCED levels 5-6), 2001 104
F. 16 Graduates (ISCED level 6) by sex, 2001106
F. 17 Graduates (ISCED level 6) per 10000 of the population aged 25-34, by sex, 2001106
F. 18 Graduates aged 25-34 as \% of all graduates (ISCED level 6), by sex, 2001

## G - Mathematics, science and technology

G. 1 Students in science, mathematics and computing and in engineering, manufacturing and construction fields 110 (ISCED levels $5-6$ ), in 1000 s and as \% of all students (ISCED levels 5-6), by sex, 2000/01
G. 2 Graduates in the fields of mathematics, science and technology (ISCED levels 5-6) per 1000 of population aged 112 20-29, by sex, 1993-2001
G. $3 \quad$ Graduates in the fields of mathematics, science and technology as \% of graduates of all fields 114 (ISCED levels 5-6), by sex, 2001
G. 4 Female graduates (ISCED 5-6) in science, mathematics and computing and in engineering, manufacturing and construction fields - as \% of all graduates in these fields, 2001
G. 5 Graduates (ISCED level 6) in fields of mathematics, science and technology by sex, 2001
G. $6 \quad$ Graduates (ISCED level 6) in the fields of mathematics, science and technology as \% of all graduates (ISCED 116 level 6), by sex, 2001
G. 7 Graduates (ISCED level 6) in the fields of mathematics, science and technology per 10000 of the population aged 25-34, by sex, 2001
G. 8 Research \& Development personnel (full-time equivalent) in higher education sector and in all sectors, 2000
G. 9 Research \& Development personnel as \% of the labour force in higher education sector and in all sectors, 2000
G. 11 Total number of researchers (full-time equivalent), by sector, in 1000s and in \%, 2000 ..... 120
G. 12 Total number of researchers (full-time equivalent) per 1000 of the active population, 2001 ..... 120
G. 13 Scientists and engineers as \% of total labour force, by sex, 2002 ..... 122
G. 14 Share of population aged 25-64 occupied as technicians and associate professionals, by sex ..... 122and educational attainment level, 2002
G. 15 Employment in high-tech industries and manufacturing by educational attainment level, 2002 (\%) ..... 124
G. 16 Physicians or doctors per 1000 inhabitants, 2001 ..... 124
H - Foreign pupils and students
H. 1 Number of non-national pupils as \% of total number of pupils (ISCED levels 1-3), 2000/01 ..... 128
H. 2 Number of non-national pupils from the EU countries as \% of total number of non-national pupils (ISCED levels ..... 1281-3), 2000/01
H. 3 Number of non-national pupils from EU and non-EU countries as \% of total number of pupils (ISCED levels 1-3) ..... 1282000/01
H. 4 Incoming and outgoing tertiary students (ISCED 5-6) from and to EEA/acceding/candidate countries, 2000/01130(1000s)
H. 5 Students in tertiary education (ISCED 5-6) studying abroad (in other EEA/acceding/candidate countries) ..... 132by country of study, 2000/01 (\%)
H. 6 Students (ISCED 5-6) studying in another EEA/acceding/candidate country as \% of all students ..... 134
(at home and abroad), 2000/01
H. 7 Non-national students (ISCED 5-6) by continent of citizenship, 2000/01 (\%) ..... 134
H. 8 Non-national students enrolled in tertiary education (ISCED 5-6) in the EU Member States: ..... 140Top 5 countries of citizenship, 2000/01H. 9 Non-national students enrolled in tertiary education (ISCED 5-6) in non-EU countries:141Top 5 countries of citizenship, 2000/01
I-Foreign languages
I. 1 Distribution of pupils (ISCED level 1) according to the number of foreign languages taught, 2000/01 (\%) ..... 144
I. 2 Average number of foreign languages learned per pupil (ISCED level 1), 2000/0 ..... 144
I. 3 Distribution of pupils in ISCED levels 2 and 3 (general/pre-vocational) according to the number of foreign ..... 146languages taught, 2000/01 (\%)
I. 4 Pupils learning selected languages at ISCED levels 2 and 3 (general/pre-vocational) as \% of the total pupils a ..... 146these levels, 2000/01
I. 5 Average number of foreign languages learned per pupil at ISCED levels 2 and 3 (general/pre-vocational), ..... 1462000/2001
J - Regions
J. 1 Population at regional level as \% of total country level population, 2001 ..... 150
J. 2 Population density, 2001 ..... 150
J. 3 Population aged 0-29 - as \% of the total population, 2001 ..... 150
J. $4 \quad$ Young age dependency ratio (0-19) / (20-29), 2001 ..... 150
J. 5 Active population as \% of total population, by sex, 2002 ..... 150
J. 6 Percentage of the population aged 25-64 who have not completed upper secondary education, by sex ..... 150
J. 7 Percentage of the population aged 25-64 with tertiary educational attainment, by sex, 2002 ..... 150
J. 8 Students (ISCED 1-6) as \% of corresponding age population, 2000/01 ..... 158
J. 9 Students (ISCED 3) at regional level, 2000/01, (1000s) ..... 166
J. 10 Students in vocational programmes - as \% of all students (ISCED 3), 2000/01 ..... 166
J. 11 Students (ISCED 5-6) at regional level - as \% of total country level students (ISCED 5-6), 2000/01 ..... 166
J. 12 Students (ISCED 5-6) as \% of all pupils and students at regional level, 2000/01 ..... 166
J. 13 Ratio of the proportion of students (ISCED 5-6) over the proportion of the population, 2000/01 ..... 166
K - Education and work
K. 1 Work status of persons aged 15 and more, EU-15, 2002 ..... 172
K. 2 Unemployment rates by educational attainment and age group, 2002 ..... 173
K. 3 Youngest age at which the employment rate reaches $50 \%, 2002$ ..... 174
K. 4 Employment rates by educational attainment and age group, 2002 (\%) ..... 174
K. 5 Employment rates by educational attainment for age group 25-64, by sex, 2002 (\%) ..... 174
K. 6 Occupations of people with tertiary education qualifications, 2002 (\%) ..... 176
K. 7 Occupational status of recent school-leavers by educational attainment level, 2000 (\%) ..... 178
K. 8 Incidence of job mismatches among recent school-leavers by field of education, 2000 (\%) ..... 178
K. 9 Unemployment rates by educational attainment and age group, 2002 (\%) ..... 180
K. 10 Unemployment rate by educational attainment for age group 25-64, by sex, 2002 (\%) ..... 182
K. 11 Unemployment rates for those aged 15-24 years who have left school and for ..... 182 those aged 25-64 years, 2002 (\%)
L - Continuing vocational training
L. 1 Enterprises providing training as \% of all enterprises, by type of training , 1999 ..... 186
L. 2 Participants in CVT courses as \% of employees in all enterprises, by sex, 1999 ..... 188
L. 3 Hours in CVT courses per participant, by sex, 1999 ..... 188
L. 4 Total cost of CVT courses, 1999 ..... 190
L. 5 Hours in CVT courses in the field of computer use/computer science, by NACE, 1999 ..... 190
L. 6 CVT courses in enterprises with and without "new technologies", 1999 ..... 192

