

Statistical Appendix

The statistical appendix of this report is intended to be as comprehensive a database of education and education-related indicators for the Middle East and North Africa region as possible. It provides time-series data from 1950 to the present for most countries in the region. The data were collected from as many sources as possible, primarily World Bank reports, World Bank staff, World Bank databases, governments, UN-ESCO databases and reports, and other UN organizations. Most of the tables in the text of the report are based on this statistical appendix.

The statistical appendix has two parts. One is at the end of the report and presents the tables of the education indicators used in the report text. The other part is in the attached CD-ROM and is a more comprehensive database.

Definitions of Indicators

Adult literacy rate (percentage of people ages 15 and older) is the percentage of people ages 15 and older who can, with understanding, both read and write a short, simple statement about their everyday life out of the whole population ages 15 and older. The data are based on self-declaration or household declaration as to whether people can read and write in population census, household, and/or labor-force surveys in the international standards. However, some cases are simply based on the length of schooling achieved. Therefore this indicator needs to be used with caution.

Average years of schooling of adults (aged 15 and older) is the years of formal schooling received, on average, by adults over age 15.

Dropout rate is the percentage of a cohort of pupils enrolled in the first grade of primary education who are not expected to reach the last grade

of primary education. It is calculated as 100 percent minus the survival rate to the last grade of primary education.

Gender parity index (GPI) is the ratio of the female-to-male values of the gross enrollment ratio. A GPI of 1 indicates parity between sexes.

Gross enrollment rate is the ratio of total enrollment, regardless of age, to the population of the age group that officially corresponds to the level of education shown. Primary education provides children with basic reading, writing, and mathematics skills along with an elementary understanding of such subjects as history, geography, natural science, social science, art, and music.

Gross (apparent) intake rate to grade 1 is the number of new entrants in the first grade of primary education, regardless of age, expressed as a percentage of the population of theoretical entrance age to primary education.

Net enrollment rate is the ratio of children of official school age based on the International Standard Classification of Education 1997 who are enrolled in school to the population of the corresponding official school age. For example, net enrollment rate in primary education is the number of pupils in the theoretical age group for primary education enrolled in primary education expressed as a percentage of population in that age group.

Percentage of trained teachers is the number of teachers who have received the minimum organized teacher training (pre-service or in-service) required for teaching at the primary level of education in the given country, expressed as a percentage of the total number of teachers at the primary level of education.

PISA (the Programme for International Student Assessment) is an internationally standardized assessment that was jointly developed by participating countries and administered to 15-year-olds in schools. The survey was implemented in 43 countries in the first assessment in 2000, in 41 countries in the second assessment in 2003, and at least 58 countries will participate in the third assessment in 2006. Tests are typically administered to between 4,500 and 10,000 students in each country.

Primary completion rate is the percentage of students completing the last year of primary school. It is usually calculated by taking the total

number of students regardless of age in the last grade of primary school, minus the number of repeaters in that grade, divided by the total number of children of official graduation age.

Private enrollment share is the number of pupils in primary education enrolled in institutions that are not operated by a public authority but controlled and managed, whether for profit or not, by a private body such as a nongovernmental organization, religious body, special-interest group, or foundation or business enterprise, expressed as a percentage of the total number of pupils enrolled in primary education.

Total public expenditure in education is the current and capital expenditures on education by local, regional, and national governments, including municipalities (household contributions are excluded).

Total public expenditure in education as percentage of GDP (Gross Domestic Product) is the current and capital expenditures on education by local, regional, and national governments, including municipalities (household contributions are excluded), expressed as a percentage of the gross domestic product.

Public expenditure in education as percentage of government spending is the current and capital expenditures on education by local, regional, and national governments, including municipalities (household contributions are excluded), expressed as a percentage of government spending.

Pupil (Student)-teacher ratio is the average number of pupils (students) per teacher at a specific level of education in a given school year. The number is calculated by dividing the total number of pupils enrolled at the specified level of education by the number of teachers at the same level.

Repetition rate is the proportion of pupils enrolled in a given grade in a given school year who study in the same grade in the following school year. This is calculated by dividing the number of repeaters in a given grade in school year $t+1$ by the number of pupils from the same cohort enrolled in the same grade in the previous school year t .

Survival rate to grade 5 (pupils reaching grade 5) is calculated on the basis of the reconstructed cohort method, which uses data on enrollment and repeaters for two consecutive years. It is defined as the percentage of a cohort of pupils enrolled in the first grade of a primary cycle in a given school year who are expected to reach grade 5, regardless of repetition.

TIMSS (Trends in International Mathematics and Science Study) is international mathematics and science assessments by the International Association for the Evaluation of Educational Achievement (IEA) conducted every four years. TIMSS assesses achievement in countries around the world and collects information about the educational contexts for learning mathematics and science. TIMSS was conducted the first time in 1995 and stood for “the Third International Mathematics and Science Study.” The second cycle was conducted in 1999 and named “TIMSS-Repeat,” which stood for “the Third International Mathematics and Science Study-Repeat.” When the third cycle was conducted in 2003, the study was renamed as “the Trends in International Mathematics and Science Study.”

Sources: World Bank EdStats, UNESCO Institute for Statistics (UIS), World Bank Global Development Finance and World Development Indicators Central Database, and TIMSS & Progress in International Reading Literacy Study International Study Center.

Definition of Level of Education

Primary education [ISCED level 1] is normally designed on a unit or project basis to give pupils a sound basic education in reading, writing, and mathematics, and an elementary understanding of subjects such as history, geography, natural sciences, social sciences, art, and music. Religious instruction may also be featured. These subjects serve to develop pupils’ ability to obtain and use information they need about their home, community, or country. Primary education is also known as elementary education.

Secondary education [ISCED levels 2 and 3] means lower and upper secondary education.

Lower secondary education [ISCED 2] is generally designed to continue the basic programs of the primary level, but the teaching is typically more subject-focused, requiring more specialized teachers for each subject area. The end of this level often coincides with the end of compulsory education.

Upper secondary education [ISCED 3], the final stage of secondary education in most countries; in upper secondary education, instruction is

often organized even more along subject lines and teachers typically need a higher or more subject-specific qualification than at ISCED level 2.

Tertiary or higher education [ISCED 5 and 6] is a program with an educational content more advanced than that offered at ISCED levels 3 and 4. The first stage of tertiary education, ISCED level 5, includes level 5A, composed of largely theoretically based programs intended to provide sufficient qualifications for gaining entry to advanced research programs and professions having high skill requirements; and level 5B, where programs are generally more practical, technical, and/or occupationally specific. The second stage of tertiary education, ISCED level 6, comprises programs devoted to advanced study and original research, and leading to the award of an advanced research qualification.

Source: UNESCO 2006. For further information, see UNESCO 1997.

Data Sources

The primary sources of the data used in this study were:

- World Bank analytical and advisory work, project documents, and publications.
- UNESCO Institute for Statistics.

Where data were not available from the above sources, we relied on World Development Indicators, OECD, UNICEF, or UNDP.

For most recent years, we relied on World Bank reports and staff.

Weighted Averages and Symbols

Weighted averages for a region cover low- and middle-income countries, following the classification of the World Bank and based on GNI per capita.

The symbols used in the statistical appendix are as follows:

- Not available
- n.a. Not applicable
- .. Negligible
- 0 or 0.0 Zero or less than half the unit shown
- \$ Current U.S dollars unless otherwise noted

Reference Year of the Data

If data are reported for fiscal years, they are shown in the first calendar year. For example, gross enrollment rate in primary education in 2003/2004 is shown in 2003 in the tables in this appendix.

As of 2006, the UNESCO Institute for Statistics (UIS) has changed its convention for citing the reference year of education data for countries with a school year spreading across two calendar years, from the calendar year that begins the school year to the calendar year that ends the school year. Because of technical reasons, this change applies only to data from 1998 onward. The reference year to the data prior to 1998 remains the same.

However, this report does not follow the new UIS guideline to make time-series data more consistent. When the UIS data from 1998 onward are used in this report, they are adjusted to our guideline. Therefore, if we have data for 2004 from UIS we put the data in 2003.

In addition, when data are not available in a given year, we used the year closest to that year but not more than two years before or after the given year.

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A. Physical, Human, and Financial Capital Inputs

TABLE A.1

Pupil-Teacher Ratio in Primary Education, 1970–2004

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Algeria | 42.4 | 40.6 | 35.2 | 27.8 | 27.7 | 27.3 | 27.8 | 27.6 | 27.5 | 26.5 | 25.4 |
| Bahrain | – | 21.9 | 9.4 | 10.0 | 19.3 | 10.3 | 17.8 | 16.4 | – | – | – |
| Djibouti | 35.7 | 36.4 | 40.2 | 43.1 | 42.7 | 41.0 | 37.9 | 35.0 | 35.0 | 34.5 | 34.9 |
| Egypt, Arab Rep. of | 38.0 | 35.4 | 33.0 | 31.9 | 23.9 | 23.4 | 22.3 | 22.5 | 22.2 | 22.1 | 25.6 |
| Iran, Islamic Rep. of | 32.4 | 29.4 | 24.9 | 21.9 | 31.4 | 31.1 | 25.3 | 24.4 | 23.6 | 20.0 | – |
| Iraq | 22.1 | 25.4 | 27.8 | 23.8 | 24.8 | 20.0 | 21.2 | 21.0 | 19.4 | 20.5 | – |
| Jordan | 38.8 | 34.7 | 31.8 | 31.3 | 25.1 | 20.8 | – | 20.1 | 19.9 | – | – |
| Kuwait | 21.2 | 17.6 | 18.5 | 18.0 | 17.8 | 14.6 | 13.5 | 13.6 | 13.3 | 12.8 | – |
| Lebanon | 12.5 | – | 17.9 | 7.5 | 6.7 | – | 17.0 | 16.8 | 17.0 | 14.1 | – |
| Libya | 28.5 | 22.9 | 18.1 | 16.0 | 13.7 | – | 8.1 | – | – | – | – |
| Morocco | 34.3 | 41.6 | 38.2 | 27.8 | 27.1 | 28.2 | 28.1 | 28.3 | 28.2 | 27.6 | – |
| Oman | 17.7 | 26.6 | 23.2 | 26.6 | 27.5 | 25.7 | 23.7 | 23.4 | 21.1 | 19.4 | – |
| Qatar | 19.5 | 18.9 | 14.8 | 12.9 | 11.4 | 9.1 | 12.6 | 12.4 | 11.7 | 8.9 | – |
| Saudi Arabia | 24.2 | 19.7 | 18.3 | 16.1 | 15.7 | 13.3 | 11.8 | 12.3 | 11.8 | 11.7 | – |
| Syrian Arab Rep. | 36.8 | 33.9 | 28.1 | 25.9 | 25.1 | 23.5 | 23.3 | 22.7 | 23.2 | 17.6 | – |
| Tunisia | 47.5 | 40.0 | 38.5 | 31.6 | 27.8 | 24.5 | 22.7 | 21.9 | 21.5 | .. | – |
| United Arab Emirates | 27.3 | 16.4 | 16.3 | 24.8 | 18.3 | 16.5 | 15.9 | 15.3 | 15.2 | 15.0 | – |
| West Bank and Gaza | – | – | – | – | 37.8 | – | – | – | 36.0 | 26.9 | – |
| Yemen, Rep. of | – | – | – | – | – | 20.5 | – | – | – | 22.0 | – |
| Average | 29.9 | 28.8 | 25.6 | 23.4 | 23.5 | 21.9 | 20.6 | 20.8 | 21.7 | 20.0 | – |
| Standard deviation | 9.8 | 8.8 | 9.4 | 9.1 | 9.0 | 8.2 | 7.5 | 6.3 | 7.3 | 7.0 | – |
| Weighted average | | | | | | | | | | | |
| MENA | – | – | – | – | – | – | – | – | – | – | – |
| EAP | 29.7 | 29.9 | 28.7 | 26.2 | 28.1 | 23.7 | 31.1 | 29.9 | 30.6 | – | – |
| ECA | – | – | 28.1 | 27.0 | 20.9 | – | 18.0 | 17.4 | 17.5 | – | – |
| LAC | 33.3 | 30.4 | 31.2 | 28.2 | 26.0 | 25.2 | 25.7 | 24.5 | 25.1 | – | – |
| SAS | 41.6 | 41.7 | 31.1 | 32.0 | 41.2 | 33.0 | 42.7 | 40.7 | 40.9 | – | – |
| SSA | 43.1 | 41.9 | 43.0 | 42.1 | 41.0 | 40.1 | 44.9 | 45.7 | 44.7 | – | – |

Sources: Calculated from the numbers of students and teachers collected for the report (see the attached CD-ROM for the raw data) except for the following data. EAP, ECA, LAC, SAS, and SSA: UNESCO Institute for Statistics through World Bank, EdStats - Data Query System (accessed in 2005).

TABLE A.2

Pupil-Teacher Ratio in Secondary Education, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Algeria | 20.6 | 10.2 | 25.4 | 22.2 | 17.1 | 16.9 | 18.4 | 19.0 | 19.7 | – |
| Bahrain | – | – | 11.2 | – | 14.2 | 18.3 | 11.0 | 9.9 | – | – |
| Djibouti | – | 13.5 | 18.5 | 23.0 | 20.3 | 18.9 | 22.2 | 29.7 | 26.7 | – |
| Egypt, Arab Rep. of | 25.0 | 27.6 | 24.0 | 20.4 | 18.1 | 15.3 | 12.0 | 12.3 | 12.1 | – |
| Iran, Islamic Rep. of | 34.2 | 26.7 | – | – | 23.5 | 31.3 | 28.1 | 26.7 | 26.1 | – |
| Iraq | 23.6 | 24.5 | 30.8 | 27.7 | 18.4 | 18.6 | 14.8 | – | 16.8 | 18.8 |
| Jordan | 23.0 | 21.1 | 20.7 | 17.5 | 14.5 | 16.6 | – | 17.4 | 16.9 | – |
| Kuwait | 12.9 | 11.5 | 11.9 | 12.7 | 11.9 | 10.8 | 10.3 | 10.3 | 10.2 | – |
| Lebanon | – | – | – | – | – | – | 6.4 | 6.3 | 6.6 | – |
| Libya | 12.4 | 14.1 | 12.2 | 13.3 | 14.6 | – | – | – | .. | – |
| Morocco | 20.4 | – | 21.8 | 18.4 | 14.7 | 16.4 | 16.5 | 17.2 | 17.0 | – |
| Oman | – | 6.6 | – | 12.1 | 14.6 | 17.0 | 17.6 | 17.6 | 16.5 | – |
| Qatar | 12.6 | 12.2 | 9.8 | 8.9 | 8.5 | 10.0 | 10.1 | 9.9 | 10.0 | – |
| Saudi Arabia | 17.6 | 14.5 | 13.1 | 13.2 | 12.5 | 13.0 | 12.0 | 12.3 | 11.3 | – |
| Syrian Arab Rep. | 21.8 | 19.6 | 17.1 | 16.3 | 16.9 | 14.9 | 15.8 | 15.2 | 15.5 | – |
| Tunisia | 27.8 | 23.0 | 20.5 | 18.1 | 17.1 | 19.5 | 25.7 | 19.0 | – | – |
| United Arab Emirates | 12.7 | – | – | 14.7 | 12.6 | 12.3 | 12.9 | 12.6 | 13.5 | – |
| Yemen, Rep. of | – | – | – | – | – | 19.2 | 15.7 | 17.4 | 19.0 | 20.5 |
| Average | 20.4 | 17.3 | 18.2 | 17.0 | 15.6 | 16.8 | 15.6 | 15.8 | 15.9 | – |
| Standard deviation | 6.7 | 6.8 | 6.4 | 5.1 | 3.6 | 4.9 | 5.8 | 6.1 | 5.6 | – |
| Weighted average | | | | | | | | | | |
| MENA | – | – | – | – | – | – | – | – | – | – |
| EAP | – | 23.0 | 19.6 | 18.8 | 16.0 | 16.5 | – | – | – | – |
| ECA | – | – | – | 15.5 | 14.7 | – | – | – | – | – |
| LAC | – | – | – | – | – | – | – | – | – | – |
| SAS | 21.9 | 20.8 | 19.1 | 21.1 | 23.7 | 24.2 | – | – | – | – |
| SSA | 22.7 | – | 37.5 | – | – | – | – | – | – | – |

Sources: Calculated from the numbers of students and teachers collected for the report (see the attached CD-ROM for the raw data) except for the following data. EAP, ECA, LAC, SAS, and SSA: UIS data through World Bank, EdStats - Data Query System (accessed in 2005).

Note: Yemen: Student-to-teacher ratio is for upper secondary education.

TABLE A.3

Pupil-Teacher Ratio in Tertiary Education, 1970–2002

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 |
|---------------------------|------|------|------|------|------|------|------|------|------|
| Algeria | 11.4 | 7.8 | – | 11.5 | 14.1 | 17.4 | 9.9 | 10.9 | 11.8 |
| Bahrain | 9.0 | 8.9 | 12.0 | 9.6 | 12.3 | – | – | – | 22.3 |
| Djibouti | – | – | – | – | – | – | 12.4 | 12.3 | – |
| Egypt, Arab Rep. of | 16.4 | – | – | 26.8 | 21.3 | – | 31.3 | – | 29.7 |
| Iran, Islamic Rep. of | 11.5 | 11.3 | – | 12.4 | 22.5 | 19.8 | 22.8 | 19.8 | 20.4 |
| Iraq | 23.3 | 22.7 | 15.9 | 19.2 | – | – | 23.9 | 21.6 | – |
| Jordan | 14.4 | 14.9 | 16.0 | 11.6 | 23.1 | 20.6 | 25.7 | 28.6 | 29.3 |
| Kuwait | 11.0 | 13.6 | 11.8 | 17.7 | 12.0 | 16.4 | – | 28.4 | 27.5 |
| Lebanon | 18.5 | – | – | 10.7 | 15.8 | 7.8 | 14.2 | 13.0 | 12.9 |
| Libya | 13.3 | 14.1 | – | – | – | – | 23.6 | 23.9 | 23.9 |
| Morocco | 26.0 | 27.6 | – | 23.2 | 13.7 | 23.7 | 22.2 | 22.5 | 18.7 |
| Oman | – | – | 2.3 | 6.4 | 6.8 | 9.1 | 31.5 | 31.5 | – |
| Qatar | – | 11.3 | 8.0 | 11.8 | 13.0 | 12.8 | 13.1 | 13.2 | 12.0 |
| Saudi Arabia | 12.2 | 12.4 | 8.3 | 10.4 | 11.6 | 16.8 | 20.9 | 20.3 | 22.5 |
| Syrian Arab Rep. | 35.8 | 52.4 | – | – | – | – | – | – | – |
| Tunisia | 16.5 | 14.4 | 7.9 | 8.0 | 15.1 | 17.4 | 20.1 | 19.8 | 20.4 |
| United Arab Emirates | – | – | 11.1 | 17.5 | 12.1 | – | 24.3 | 21.5 | – |
| West Bank and Gaza | – | – | – | – | – | 16.7 | 12.1 | – | – |
| Yemen, Rep. of | – | – | – | – | 29.5 | – | 55.2 | – | – |
| Average | 16.9 | 17.6 | 10.4 | 14.1 | 15.9 | 16.2 | 22.7 | 20.5 | 20.9 |
| Standard deviation | 7.5 | 12.3 | 4.3 | 5.9 | 6.0 | 4.7 | 10.9 | 6.4 | 6.3 |

Sources: Calculated from the numbers of students and teachers collected for the report. (See the attached CD-ROM for the raw data.)

TABLE A.4

Percentage of Trained Teachers in Primary Education, 1998–2003

| | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|
| Algeria | 93.7 | 94.6 | 95.7 | 97.1 | 97.9 | – |
| Egypt | – | – | 99.9 | – | – | – |
| Egypt, Arab Rep. of | – | – | 98.4 | – | 100 | – |
| | – | 100 | – | – | – | 52 |
| Kuwait | 100 | 100 | 100 | | 100 | – |
| Lebanon | – | – | – | 14.9 | 14.0 | – |
| Oman | 99.6 | 99.6 | 99.8 | 99.8 | – | – |
| Saudi Arabia | – | 93.3 | 93.3 | – | – | – |
| | – | – | 88.0 | – | – | – |
| Tunisia | – | – | 94.1 | – | – | – |
| Average | – | – | 96.1 | – | – | – |
| Standard deviation | – | – | 4.3 | – | – | – |
| Weighted average | | | | | | |
| MENA | – | – | – | – | – | – |
| EAP | 91.9 | – | 93.5 | – | – | – |
| ECA | – | – | – | – | – | – |
| LAC | – | 79.0 | 74.5 | 76.7 | – | – |
| SAS | 62.9 | 63.8 | 65.7 | 66.9 | – | – |
| SSA | 72.8 | 72.8 | 80.4 | – | – | – |

Sources: UNESCO Institute for Statistics through World Bank, EdStats - Data Query System (accessed in July 2005) except for the following data. Iraq 2003: Republic of Iraq Ministry of Education 2005 (proportion of primary school teachers holding at least the minimum qualification).

TABLE A.5

Percentage of Trained Teachers in Secondary Education, 1998–2003

| | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------|-------|------|-------|------|------|------|
| Egypt, Arab Rep. of | – | – | 83.02 | – | – | – |
| Iran, Islamic Rep. of | – | – | – | – | 100 | – |
| Iraq | – | 100 | – | – | – | 91 |
| Kuwait | 100 | 100 | 100 | – | – | – |
| Oman | 100.0 | 100 | 100 | 100 | – | – |
| Saudi Arabia | – | 86.2 | – | – | – | – |
| Tunisia | – | – | 63.6 | – | – | – |
| United Arab Emirates | 51.7 | 50.2 | 52.3 | 51.7 | – | – |

Sources: UNESCO Institute for Statistics through World Bank, EdStats - Data Query System (accessed in July 2005) except for the following data. Iraq 2003: Republic of Iraq Ministry of Education 2005 (proportion of secondary school teachers holding at least the minimum qualification).

TABLE A.6

Public Expenditure in Education as Percent of GDP, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Algeria | 7.7 | 6.6 | 7.6 | 8.3 | 5.1 | 6.4 | 5.5 | 6.5 | 6.8 | 6.4 |
| Bahrain | – | – | 2.8 | 3.8 | 4.1 | 3.6 | 3.5 | – | – | – |
| Djibouti | – | – | – | 2.8 | 3.5 | – | 7.1 | 5.5 | 6.3 | 6.1 |
| Egypt, Arab Rep. of | 4.7 | 5.0 | 5.3 | 5.7 | 5.0 | 5.6 | 5.5 | 5.8 | 5.9 | – |
| Iran, Islamic Rep. of | – | – | 7.5 | 3.7 | 4.1 | 4.1 | 4.6 | 4.9 | 4.9 | 4.8 |
| Iraq | – | – | 3.0 | 4.0 | 5.1 | – | – | – | – | – |
| Jordan | 3.8 | 3.8 | 6.8 | 6.8 | 8.0 | 8.2 | 5.9 | 6.0 | 6.0 | 6.4 |
| Kuwait | 3.5 | 3.2 | 2.8 | 5.5 | 4.8 | 6.1 | – | 6.7 | 7.1 | 6.3 |
| Lebanon | – | – | – | – | 3.2 | 2.7 | 3.9 | 4.4 | 2.6 | 2.6 |
| Libya | 3.9 | 6.0 | 3.4 | 7.1 | – | – | 2.7 | – | – | – |
| Morocco | 3.5 | 5.2 | 5.9 | 5.9 | 5.3 | 5.6 | 6.2 | 6.5 | 6.4 | 6.3 |
| Oman | – | 1.3 | 1.9 | 3.6 | 3.2 | 3.9 | 4.2 | 4.6 | 4.6 | – |
| Qatar | 3.1 | 1.8 | 2.8 | 4.5 | 3.5 | – | – | – | – | – |
| Saudi Arabia | 2.9 | 7.9 | 4.1 | 7.5 | 5.8 | 5.5 | – | – | – | – |
| Syrian Arab Rep. | 3.9 | 4.0 | 4.6 | 6.1 | 4.0 | 3.2 | – | – | – | – |
| Tunisia | 6.8 | 5.0 | 5.2 | 5.5 | 6.0 | 6.5 | 6.2 | 6.3 | 6.5 | 7.2 |
| United Arab Emirates | – | 0.9 | 1.3 | 1.8 | 1.8 | 1.9 | – | 1.6 | 1.6 | – |
| West Bank and Gaza | – | – | – | – | – | – | 7.5 | 9.8 | 9 | 11.5 |
| Yemen, Rep. of | – | – | – | – | – | 4.5 | 5.8 | 6.3 | 6.8 | 6.5 |
| Average | 4.4 | 4.2 | 4.3 | 5.2 | 4.5 | 4.8 | 5.3 | 5.8 | 5.7 | 6.4 |
| Standard deviation | 1.6 | 2.2 | 2.0 | 1.8 | 1.4 | 1.7 | 1.4 | 1.8 | 1.9 | 2.2 |
| Weighted average | | | | | | | | | | |
| MENA | 3.9 | 5.1 | 4.9 | 5.9 | 5.3 | 4.7 | 4.9 | – | – | – |
| EAP | 3.2 | 2.3 | 2.5 | 2.5 | 2.9 | 3.0 | 2.3 | 3.2 | 3.0 | – |
| ECA | – | – | – | – | 5.2 | 5.1 | 3.9 | 3.8 | 4.4 | – |
| LAC | 3.1 | 3.6 | 3.4 | 2.8 | 2.8 | 3.4 | 4.3 | 4.4 | 4.3 | – |
| SAS | 1.7 | 2.2 | 2.0 | 2.7 | 2.6 | 3.1 | 3.1 | – | – | – |
| SSA | 3.7 | 3.3 | 3.7 | 3.0 | 3.4 | 4.3 | 3.4 | – | – | – |

Sources: UNESCO Institute for Statistics through EdStats except for the following data. Algeria 1995: Ministry of National Education, Ministry of Finance and National Office for Statistics through Zaafrane 2004. Algeria 2000: World Bank 2006c. Djibouti 2000–04: Résultats des travaux de la mission de préparation de la Phase II Programme d'Accès et préparation de la Phase II Programme d'Accès et d'Amélioration de l'Éducation 2004. Egypt 1990: Ministry of Finance through World Bank 2002. Egypt 1995: Ministry of Finance. Jordan 2000–03: Education and Training Task Force 2004. Kuwait 2001–03: The State of Kuwait Ministry of Education 2004. Lebanon 2000, 2001: Lebanese Republic Ministry of Education and Higher Education Educational Center for Research and Development 2004. Tunisia 2000–02: Ministry of Education through World Bank 2004c. Tunisia 2003: World Bank 2003. West Bank and Gaza: World Bank 2006b. Yemen 2000–03: calculated by a consultant based on Ministry of Finance 2004.

Note: The data for Algeria 1990 are actually for 1991. The data for Egypt 1980 are actually for 1981. The data for Iraq 1990 are actually for 1988. The data for Jordan 1990 are actually for 1991. The data for Lebanon 1990 are actually for 1989. The data for Libya 2000 are actually for 1999. The data for MENA 2000 are actually for 1999.

TABLE A.7

Public Expenditure in Education as Percent of Government Spending, 1980–2003

| | 1980 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|
| Algeria | – | – | – | 21.1 | 18.3 | 19.0 | 20.8 | 19.5 | 20.0 |
| Bahrain | – | – | – | 14.6 | – | 12.1 | – | – | – |
| Djibouti | – | – | – | 10.5 | – | 21.7 | 18.4 | 19.0 | 20.5 |
| Egypt, Arab Rep. of | – | – | – | 9.5 | 20.3 | – | – | 19.0 | – |
| Iran, Islamic Rep. of | – | – | – | 22.4 | – | 20.4 | 21.7 | 17.7 | – |
| Iraq | – | – | – | – | – | – | – | – | – |
| Jordan | – | – | – | 17.1 | – | 13.6 | 14.0 | 13.6 | 13.5 |
| Kuwait | – | – | – | 3.4 | – | – | – | 17.4 | – |
| Lebanon | – | – | – | – | – | 11.1 | 11.1 | 12.3 | 12.7 |
| Libya | – | – | – | – | – | – | – | – | – |
| Morocco | 12 | 18.5 | 22.9 | 24.1 | 24.6 | 28.5 | 26.4 | 26.4 | 27.8 |
| Oman | – | – | – | 11.1 | – | – | – | – | 26.1 |
| Qatar | – | – | – | – | – | – | – | – | – |
| Saudi Arabia | – | – | – | 17.8 | – | – | – | – | – |
| Syrian Arab Rep. | – | – | – | 17.3 | – | – | – | – | – |
| Tunisia | – | – | – | 13.5 | 19.8 | 22.8 | 23.0 | 23.6 | – |
| United Arab Emirates | – | – | – | 14.6 | – | 22.5 | – | 22.5 | – |
| West Bank and Gaza | – | – | – | – | – | 15.0 | 12.4 | 11.6 | 17.9 |
| Yemen, Rep. of | – | – | – | – | – | 17.7 | 19.5 | 20.7 | 17.2 |
| Average | – | – | – | 15.1 | 20.8 | 18.6 | 18.6 | 18.6 | 19.5 |
| Standard deviation | – | – | – | 5.7 | 2.7 | 5.3 | 5.1 | 4.5 | 5.4 |
| Weighted average | | | | | | | | | |
| MENA | – | – | – | 17.3 | – | – | – | – | – |
| EAP | – | – | – | 15.2 | – | 17.5 | – | – | – |
| ECA | – | – | – | – | – | – | – | – | – |
| LAC | – | – | – | 12.8 | – | 13.7 | 13.4 | 15.3 | – |
| SAS | – | – | – | 8.5 | – | 12.9 | – | – | – |
| SSA | – | – | – | – | – | – | – | – | – |

Sources: UNESCO Institute for Statistics through EdStats except for the following data. Algeria 1995–2003: Ministry of National Education, Ministry of Finance and National Office for Statistics through Zaafrane 2004. Djibouti 2000–04: Résultats des travaux de la mission de préparation de la Phase II Programme d'Accès et d'Amélioration de l'Éducation 2004. Egypt 1990–2000: Ministry of Finance through World Bank 2002. Jordan 2000–03: Education and Training Task Force 2004. Lebanon 2000 and 2001: Lebanese Republic Ministry of Education and Higher Education Educational Center for Research & Development 2004. Morocco 1975–2000: Banque mondiale 2003. Tunisia 1995–02: Ministry of Education through World Bank 2004c. West Bank and Gaza: World Bank 2006b. Yemen 2000–03: Calculated by a consultant based on Ministry of Finance 2004.

Note: The data for Tunisia 1995 are actually for 1996.

B. Access

TABLE B.1

Gross Enrollment Rate in Primary Education, 1950–2004

| | 1950 | 1955 | 1960 | 1965 | 1970 | 1975 | 1980 |
|---------------------------|------|------|------|------|-------|-------|-------|
| Algeria | 25 | 30 | 46 | 68 | 76.1 | 92.7 | 94.5 |
| Bahrain | 24 | 32 | 72 | 103 | 98.4 | 95.9 | 104.2 |
| Djibouti | – | – | – | – | 27.9 | 29.8 | 37.0 |
| Egypt, Arab Rep. of | – | – | 66 | 75 | 67.6 | 70.0 | 73.1 |
| Iran, Islamic Rep. of | 28 | 28 | 41 | 63 | 72.8 | 93.2 | 87.3 |
| Iraq | 24 | 36 | 65 | 74 | 68.8 | 93.6 | 113.4 |
| Jordan | 48 | 78 | 77 | 95 | 84.2 | 86.6 | 81.7 |
| Kuwait | 78 | 99 | 117 | 116 | 88.1 | 92.6 | 102.1 |
| Lebanon | – | 77 | 102 | 106 | 121.4 | – | 111.4 |
| Libya | 20 | 37 | 59 | 78 | 110.5 | 137.3 | 124.6 |
| Morocco | 21 | 30 | 47 | 57 | 51.5 | 62.0 | 83.0 |
| Oman | – | – | – | – | 3.0 | 37.0 | 50.9 |
| Qatar | – | – | 67 | 97 | 96.2 | 111.6 | 104.6 |
| Saudi Arabia | 4 | 7 | 12 | 24 | 45.3 | 57.5 | 61.3 |
| Syrian Arab Rep. | 52 | 52 | 65 | 78 | 77.5 | 95.6 | 99.6 |
| Tunisia | 35 | 47 | 66 | 91 | 100.4 | 96.5 | 102.1 |
| United Arab Emirates | – | – | – | – | 94.6 | 101.5 | 88.9 |
| West Bank and Gaza | – | – | – | – | – | – | – |
| Yemen, Rep. of | – | – | 8 | 9 | – | – | – |
| Average | 32.6 | 46.1 | 60.7 | 75.6 | 75.5 | 84.6 | 89.4 |
| Standard deviation | 20.0 | 26.2 | 28.5 | 29.3 | 30.2 | 27.3 | 23.2 |
| Weighted average | | | | | | | |
| MENA | – | – | – | – | 70.1 | 81.9 | 86.6 |
| EAP | – | – | – | – | 89.4 | 114.2 | 110.6 |
| ECA | – | – | – | – | .. | .. | 99.3 |
| LAC | – | – | – | – | 107.2 | 98.7 | 104.8 |
| SA | – | – | – | – | 70.6 | 75.0 | 76.7 |
| SSA | – | – | – | – | 51.0 | 59.5 | 80.4 |

Sources: UNESCO 1971, UNESCO 1980, and UNESCO Institute for Statistics through World Bank, EdStats - Data Query System (accessed on May 11, 2006) except for the following data. Algeria 2003: Zaafrane 2004. Egypt 2000–03: Ministry of Education through World Bank 2005a. Iran 1995: Ministry of Education. Iran 2000–2002: Ministry of Education/Ministry of Planning and Organization 2004 through World Bank 2005a. Iraq 2003: Republic of Iraq Ministry of Education 2005. Jordan 1995 and 2000: Ministry of Education through World Bank 2003. Morocco 1990–2003: Government of Morocco. West Bank and Gaza 1995: Palestinian Central Bureau of Statistics website (the data are for basic education (from grades 1 through 10)). Yemen 2000–03: Ministry of Education and Central Statistics Organization.

| | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--|-------|-------|-------|-------|-------|-------|-------|------|
| | 93.6 | 100.5 | 106.6 | 106.8 | 108.9 | 110.4 | 113.4 | - |
| | 112.6 | 110.0 | 108.1 | 103.4 | 103.8 | 103.6 | 104.0 | - |
| | 39.9 | 37.7 | 38.5 | 36.3 | 36.9 | 38.0 | 39.1 | - |
| | 85.4 | 91.5 | 99.8 | 104.6 | 105.7 | 104.7 | 103.9 | - |
| | 98.2 | 109.3 | 106.0 | 117.3 | 115 | 119.9 | 103.0 | - |
| | 107.7 | 115.6 | 85.0 | 98.3 | 98.4 | 99.5 | 98 | - |
| | 71.8 | 100.6 | 101.3 | 95.9 | 91.6 | 101.9 | 101.1 | 98.7 |
| | 103.0 | 60.2 | 72.9 | 92.6 | 95.3 | 95.4 | 96.0 | - |
| | 111.8 | 113.2 | 109.4 | 109.1 | 107.9 | 106.4 | 106.8 | - |
| | 108.6 | 104.7 | 118.0 | 113.0 | 112.5 | 112.5 | - | - |
| | 77.2 | 64.2 | 79.6 | 102.2 | 108.8 | 112.4 | 113.1 | - |
| | 76.3 | 84.9 | 79.2 | 91.0 | 90.8 | 89.9 | 87.3 | - |
| | 108.5 | 100.5 | 86.2 | 104.0 | 104.9 | 106.0 | 101.7 | - |
| | 64.7 | 72.8 | 77.9 | 68.7 | 67.7 | 67.2 | 67.3 | - |
| | 109.6 | 102.2 | 100.8 | 107.4 | 110.1 | 122.2 | 122.9 | - |
| | 115.1 | 113.7 | 116.8 | 112.6 | 111.4 | 110.6 | - | - |
| | 97.7 | 110.9 | 90.8 | 87.1 | 85.2 | 85.4 | 83.8 | - |
| | - | - | - | 108.9 | 105.5 | 100.5 | 92.9 | - |
| | - | 65.4 | 73.1 | 83.1 | 83.6 | 86.0 | 87.9 | 88.4 |
| | 93.0 | 92.1 | 91.7 | 97.0 | 97.0 | 98.6 | 95.4 | - |
| | 20.9 | 22.8 | 19.8 | 18.9 | 19.0 | 19.6 | 19.4 | - |
| | | | | | | | | |
| | 91.9 | 97.0 | 95.4 | 98.9 | 99.7 | 100.5 | - | - |
| | 119.1 | 119.3 | 115.5 | 113.4 | 112.6 | 112.0 | - | - |
| | 102.5 | 97.9 | 99.9 | 100.9 | 101.3 | 102.0 | - | - |
| | 105.3 | 104.3 | 111.6 | 123.2 | 122.9 | 122.2 | - | - |
| | 86.4 | 95.2 | 94.3 | 93.7 | 97.2 | 101.3 | - | - |
| | 76.1 | 72.6 | 75.7 | 86.6 | 89.0 | 94.7 | - | - |

TABLE B.2

Gross Enrollment Rate in Secondary Education, 1950–2003

| | 1950 | 1955 | 1960 | 1965 | 1970 | 1975 | |
|---------------------------|------|------|------|------|-------|-------|--|
| Algeria | 5 | 6 | 8 | 7 | 11.2 | 20.0 | |
| Bahrain | – | – | – | 33 | 51.3 | 52.4 | |
| Djibouti | – | – | – | – | 6.6 | 6.6 | |
| Egypt, Arab Rep. of | – | – | 16 | 26 | 28.4 | 40.3 | |
| Iran, Islamic Rep. of | 4 | 7 | 12 | 18 | 27.1 | 45.0 | |
| Iraq | 5 | 8 | 19 | 28 | 24.4 | 34.6 | |
| Jordan | 4 | 18 | 25 | 38 | 32.8 | 47.5 | |
| Kuwait | 2 | 4 | 37 | 52 | 63.5 | 66.5 | |
| Lebanon | – | 9 | 19 | 26 | 41.5 | 46.9 | |
| Libya | 0.5 | 4 | 9 | 14 | 20.8 | 54.7 | |
| Morocco | 1 | 2 | 5 | 11 | 12.6 | 16.5 | |
| Oman | – | – | – | – | 0.0 | 1.3 | |
| Qatar | – | – | – | 15 | 36.3 | 53.8 | |
| Saudi Arabia | 0.2 | 0.4 | 2 | 4 | 12.1 | 21.6 | |
| Syrian Arab Rep. | 8 | 13 | 16 | 28 | 38.1 | 43.0 | |
| Tunisia | 8 | 9 | 12 | 16 | 22.7 | 21.1 | |
| United Arab Emirates | – | – | – | – | 21.8 | 32.6 | |
| West Bank and Gaza | – | – | – | – | – | – | |
| Yemen, Rep. of | – | – | – | – | – | – | |
| Average | 3.8 | 7.3 | 15.0 | 22.6 | 26.5 | 35.5 | |
| Standard deviation | 2.9 | 5.0 | 9.5 | 13.0 | 16.4 | 18.4 | |
| Weighted average | | | | | | | |
| MENA | – | – | – | – | 23.45 | 34.38 | |
| EAP | – | – | – | – | 23.76 | 41.9 | |
| ECA | – | – | – | – | .. | .. | |
| LAC | – | – | – | – | 27.59 | 34.73 | |
| SA | – | – | – | – | 22.96 | 23.81 | |
| SSA | .. | .. | .. | .. | 6.32 | 9.85 | |

Sources: UNESCO 1971, UNESCO 1980, and UNESCO Institute for Statistics through EdStats - Data Query System (accessed on July 11, 2005) except for the following data. Iraq 2003: Republic of Iraq Ministry of Education 2005. Yemen 2000–03: Ministry of Education and Central Statistics Organization.

| | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|------|
| | 33.0 | 51.4 | 60.9 | 62.5 | – | 75.0 | 77.6 | 80.7 |
| | 64.0 | 97.2 | 99.7 | 97.0 | 96.4 | 97.2 | 98.3 | 98.8 |
| | 12.0 | 11.7 | 11.6 | 12.9 | 16.5 | 17.5 | 19.5 | 21.5 |
| | 50.5 | 61.4 | 70.8 | 76.5 | 85.9 | 86.2 | 86.9 | 87.1 |
| | 42.0 | 45.0 | 57.5 | 75 | 77.4 | 77.2 | 78.5 | 81.9 |
| | 57.0 | 53.8 | 49.0 | 41.9 | 38.3 | – | 42.7 | 42 |
| | 59.1 | 52.2 | 63.3 | 55.3 | 87.3 | 88.5 | 88.3 | 87.4 |
| | 80.1 | 90.9 | 42.9 | 64.1 | 89.2 | 85.7 | 89.3 | 89.9 |
| | 59.1 | 60.6 | 73.9 | 80.7 | 80.3 | 83.6 | 86.8 | 88.7 |
| | 75.9 | 58.8 | 85.9 | 101.5 | – | 104.0 | 103.9 | – |
| | 26.0 | 35.4 | 35.5 | 38.5 | 40.4 | 42.3 | 44.3 | 47.6 |
| | 11.6 | 26.5 | 44.9 | 66.8 | 80.8 | 83.3 | 85.6 | 86.4 |
| | 66.4 | 82.3 | 83.6 | 79.7 | 86.1 | 88.2 | 92.9 | 96.8 |
| | 29.5 | 40.1 | 43.7 | 57.9 | 71.7 | 72.9 | 69.2 | 67.8 |
| | 46.4 | 58.2 | 48.8 | 43.3 | 42.1 | 43.9 | 59.2 | 63.2 |
| | 27.0 | 38.9 | 44.4 | 60.4 | 77.2 | 78.6 | 77.0 | 81.3 |
| | 52.1 | 54.7 | 65.4 | 77.6 | 78.4 | 74.4 | 70.0 | 66.5 |
| | – | – | – | – | 83.3 | 85.9 | 89.2 | 93.6 |
| | – | – | 45.4 | 30.6 | 44.1 | 44.4 | 44.9 | 45.9 |
| | 46.6 | 54.1 | 57.1 | 62.3 | 69.1 | 73.8 | 73.9 | 73.7 |
| | 20.7 | 21.8 | 20.9 | 22.8 | 23.2 | 22.3 | 22.3 | – |
| | | | | | | | | |
| | 42.22 | 49.87 | 57.42 | 61.89 | 64 | 73.28 | 68.75 | – |
| | 43.28 | 40.21 | 46.85 | 61.92 | 63.52 | 65.07 | 68.24 | – |
| | 86.2 | 88.07 | 84.37 | 82.99 | – | – | 90.47 | – |
| | 41.98 | 46.93 | 48.52 | 55.34 | 82.83 | 84.63 | 87.02 | – |
| | 27.17 | 33.8 | 39.11 | 43.37 | 44.86 | 48.52 | 48.48 | – |
| | 15.01 | 20.09 | 21.29 | 25.93 | – | – | 31.78 | – |

TABLE B.3

Gross Enrollment Rate in Tertiary Education, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Algeria | 1.8 | 3.0 | 5.9 | 7.9 | 11.8 | 12.0 | 16.1 | 17.9 | 19.1 | 19.6 |
| Bahrain | 1.4 | 2.1 | 5.1 | 12.8 | 16.7 | 21.1 | 21.0 | – | 34.7 | 34.4 |
| Djibouti | – | – | – | – | 0.1 | 0.2 | 0.7 | 1.1 | 1.3 | 1.6 |
| Egypt, Arab Rep. of | 6.9 | 11.7 | 16.1 | 18.1 | 16.7 | 20.2 | 30.2 | 27.3 | 28.5 | 32.6 |
| Iran, Islamic Rep. of | 2.9 | 4.5 | – | 4.6 | 10.4 | 17.2 | 20.2 | 19.3 | 20.3 | 22.5 |
| Iraq | 4.8 | 8.3 | 8.7 | 11.5 | 12.2 | 11.2 | 12.0 | 12.6 | – | 15.4 |
| Jordan | 2.1 | 5.2 | 13.4 | 13.1 | 24.0 | 16.0 | 27.9 | 31.2 | 35.0 | 39.3 |
| Kuwait | 4.0 | 9.3 | 11.3 | 16.6 | 12.1 | 19.2 | 23.3 | – | – | 22.3 |
| Lebanon | 21.0 | – | 30.1 | 27.8 | 29.0 | 27.0 | 42.3 | 44.8 | 44.7 | 47.6 |
| Libya | 2.9 | 6.0 | 7.8 | 9.2 | 15.4 | 20.2 | 51.6 | 55.4 | 56.2 | – |
| Morocco | 1.4 | 3.0 | 5.9 | 8.7 | 10.9 | 9.0 | 8.8 | 8.8 | 10.5 | 10.6 |
| Oman | – | – | 0.0 | 0.8 | 4.2 | 5.3 | 7.8 | 7.7 | – | 12.9 |
| Qatar | – | 4.5 | 10.4 | 20.7 | 21.6 | 27.5 | 21.1 | 19.7 | 17.8 | 19.1 |
| Saudi Arabia | 1.6 | 3.9 | 7.1 | 10.6 | 10.3 | 15.8 | 22.7 | 22.5 | 25.9 | 27.7 |
| Syrian Arab Rep. | 8.3 | 10.7 | 16.9 | 17.1 | 18.5 | 15.4 | – | – | – | – |
| Tunisia | 2.6 | 3.9 | 4.9 | 5.5 | 8.7 | 13.0 | 21.3 | 22.8 | 26.2 | 28.6 |
| United Arab Emirates | – | – | 3.1 | 6.8 | 6.7 | 11.0 | 23.7 | 23.3 | 22.5 | – |
| West Bank and Gaza | – | – | – | – | – | 10.2 | 28.1 | 30.0 | 33.9 | 37.9 |
| Yemen, Rep. of | – | – | – | – | 4.3 | 4.2 | 13.5 | 14.3 | 13.2 | 9.4 |
| Average | 4.8 | 5.9 | 9.8 | 12.0 | 13.0 | 14.5 | 21.8 | 22.4 | 26.0 | 23.8 |
| Standard deviation | 5.3 | 3.1 | 7.3 | 6.8 | 7.3 | 7.2 | 12.1 | 13.7 | 13.8 | 12.5 |
| Weighted average | | | | | | | | | | |
| MENA | 4.4 | 6.7 | 11.0 | 10.9 | 13.2 | 15.2 | – | – | 24.3 | – |
| EAP | 1.1 | 1.5 | 3.3 | 4.5 | 5.3 | 7.4 | 12.9 | 14.9 | 17.2 | – |
| ECA | – | – | 30.9 | 34.4 | 34.3 | 32.8 | – | 42.4 | 44.1 | – |
| LAC | 6.3 | 11.8 | 13.7 | – | 15.7 | 17.7 | 23.2 | 25.3 | 27.0 | – |
| SA | 4.2 | 4.4 | 4.9 | 5.5 | 5.6 | 6.0 | 10.2 | 10.7 | 10.0 | – |
| SSA | 0.8 | 1.0 | 1.4 | 1.8 | 2.5 | 3.5 | – | – | – | – |

Sources: UNESCO Institute for Statistics through EdStats - Data Query System (accessed on July 11, 2005) except for the following data. Egypt 2000: UNDP 2003. Egypt 2001: UNDP 2004. Morocco 1995 and 2000–01: Banque mondiale 2003. West Bank and Gaza 1995: Ministry of Higher Education and Scientific Research Palestinian National Authority 2002. Yemen 2000–01: Ministry of Education.

TABLE B.4

Net Enrollment Rate in Primary Education, 1970–2004

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|---------------------------|------|------|------|------|-------|------|------|------|------|-------|------|
| Algeria | – | 76.6 | 80.9 | 86.0 | 93.2 | 95.1 | 93.7 | 95.4 | 96.3 | 97.1 | – |
| Bahrain | 70.6 | 70.1 | 79.9 | 96.2 | 99 | 98.8 | 96.1 | 96.4 | 95.9 | 96.8 | – |
| Djibouti | – | – | – | 31.3 | 31.3 | 32.3 | 29.4 | 31.1 | 32.0 | 32.9 | – |
| Egypt, Arab Rep. of | 62.8 | – | – | – | 83.7 | 97.9 | 97.1 | 98.4 | 98 | 98.3 | – |
| Iran, Islamic Rep. of | 60.0 | – | – | 80.9 | 92.3 | 95.4 | 96.2 | 96.3 | 98.5 | – | – |
| Iraq | 55.4 | 77.8 | 95.7 | 93.1 | 100.8 | 76.1 | 92.9 | – | – | 87.7 | – |
| Jordan | – | 78.6 | 73.0 | – | 94.1 | 67.5 | 90.0 | 84.8 | 96.4 | 101.1 | – |
| Kuwait | 60.6 | 68.7 | 84.6 | 86.7 | 49.0 | 61.8 | 81.9 | 84.9 | 85.4 | 86.0 | – |
| Lebanon | – | – | – | – | 77.8 | 76.1 | 95.4 | 94.2 | 93.3 | 93.2 | – |
| Libya | 85.7 | – | – | – | 96.1 | – | – | – | – | .. | – |
| Morocco | 39.1 | 46.5 | 61.6 | 60.7 | 52.4 | 65.3 | 84.5 | 89.9 | 91.9 | 92.0 | – |
| Oman | – | 27.1 | 42.6 | 66.4 | 69.3 | 70.2 | 81.4 | 81.6 | 80.0 | 77.9 | – |
| Qatar | 71.9 | 81.0 | 84.6 | 91.1 | 89.5 | 86.8 | 93.2 | 93.5 | 94.8 | 89.8 | – |
| Saudi Arabia | 32.4 | 41.7 | 48.6 | 50.9 | 58.7 | 63.3 | 59.0 | 59.2 | 54.9 | 53.1 | – |
| Syrian Arab Rep. | 69.5 | 86.1 | 89.5 | 94.7 | 92.3 | 91.4 | 94.8 | 97.0 | 98.0 | 98.1 | – |
| Tunisia | 75.6 | – | 82.2 | 93.1 | 93.9 | 97.8 | 95.2 | 96.7 | 97.2 | – | – |
| United Arab Emirates | – | – | 73.6 | 76.5 | 100.2 | 79.6 | 76.2 | 74.7 | 73.2 | 71.2 | – |
| West Bank and Gaza | – | – | – | – | 55.7 | – | 97.7 | 96.4 | 92.5 | 86.3 | 98 |
| Yemen, Rep. of | – | – | – | – | 51.7 | – | 62.6 | 66.8 | 65.7 | 66.8 | – |
| Average | 62.1 | 65.4 | 74.7 | 77.5 | 77.9 | 78.4 | 84.3 | 84.5 | 84.9 | 83.0 | – |
| Standard deviation | 15.6 | 19.8 | 16.1 | 19.8 | 21.6 | 18.2 | 17.9 | 18.0 | 18.7 | 18.8 | – |
| Weighted average | | | | | | | | | | | |
| MENA | 57.7 | – | – | 78.6 | 84.7 | 86.7 | 86.0 | 90.3 | 88.9 | – | – |
| EAP | – | – | – | – | 95.5 | 97.6 | – | – | – | – | – |
| ECA | – | – | – | – | 90.0 | – | – | – | 88.7 | – | – |
| LAC | 77.2 | – | – | 85.2 | 85.8 | 91.1 | 94.5 | 95.0 | 95.3 | – | – |
| SA | 59.2 | – | – | – | – | – | 80.3 | 83.2 | 87.1 | – | – |
| SSA | – | – | – | – | 53.5 | – | – | – | 63.7 | – | – |

Sources: UNESCO Institute for Statistics through EdStats - Data Query System (accessed on July 11, 2005) except for the following data. Egypt 2000–03: Ministry of Education through the World Bank 2005. Iran 2000 and 2001: Ministry of Education. Iran 2002: Ministry of Education/Ministry of Planning and Organization 2004 through World Bank 2006a. Iraq 2000 and 2003: Republic of Iraq Ministry of Education 2005. Jordan 1995 and 2000: Ministry of Education through World Bank 2003. Lebanon 1995: MSA survey, computed by T. El-Hachem 1998 through World Bank 1999. Morocco 1990–2003: Government of Morocco. West Bank and Gaza 2004: Ministry of Education. Yemen 2000–03: Ministry of Education.

Note: Egypt 2000–03: For Ministry of Education and Al-Azhar Schools. Net enrollments for Al Azhar students were estimated assuming the same proportion of net: gross enrollment of MOE students.

TABLE B.5

Gross Intake Rate to Grade 1, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Algeria | – | 88.2 | 86.6 | 95.0 | 101.4 | 103.3 | 86.0 | 102.2 | 99.3 | 101.7 |
| Bahrain | – | – | 96.5 | 112.3 | 107.9 | 103.9 | 96.6 | 94.4 | 96.2 | 99.6 |
| Djibouti | 24.0 | 31.4 | – | 36.5 | 35.4 | 37.6 | 37.4 | 36.8 | 37.7 | 38.6 |
| Egypt, Arab Rep. of | 78.2 | 72.7 | 79.8 | 88.2 | – | 89.5 | 97.6 | 99.3 | 98.7 | – |
| Iran, Islamic Rep. of | 83.7 | – | – | 103.5 | 107.4 | 92.3 | 110.4 | 114.5 | 119.2 | 109.6 |
| Iraq | 76.8 | 110.4 | – | 104.1 | – | – | 111.0 | – | – | 106.7 |
| Jordan | – | 86.6 | 75.4 | 70.2 | 101.9 | 68.4 | 104.7 | 104.1 | 99.2 | – |
| Kuwait | 53.5 | 87.9 | 99.0 | 96.3 | 46.0 | 71.8 | 95.7 | 95.0 | 92.5 | 95.7 |
| Lebanon | – | – | – | – | – | 99.9 | 96.0 | 96.4 | 98.7 | 99.7 |
| Libya | 120.3 | 122.8 | 116.1 | – | – | – | – | – | – | – |
| Morocco | – | – | – | – | 71.4 | 86.9 | 118.5 | 123.2 | 123.2 | 108.6 |
| Oman | – | 40.2 | – | 80.6 | 88.3 | 67.5 | 83.9 | 83.0 | 81.4 | 74.4 |
| Qatar | 76.5 | 88.8 | 79.4 | 75.2 | 55.9 | 53.6 | 110.8 | 108.3 | 108.2 | 99.6 |
| Saudi Arabia | – | 60.9 | 64.4 | 64.4 | 70.8 | 75.0 | 67.7 | 67.6 | 67.2 | 65.8 |
| Syrian Arab Rep. | 85.4 | 98.5 | 103.6 | 107.9 | 98.1 | 97.0 | 116.4 | 120.3 | 121.5 | 119.9 |
| Tunisia | 79.5 | 84.4 | 93.1 | 101.0 | 102.0 | 95.7 | 101.3 | 98.9 | – | – |
| United Arab Emirates | – | 86.7 | 68.4 | 111.6 | 103.2 | 89.7 | 95.0 | 90.8 | 94.1 | 88.6 |
| West Bank and Gaza | – | – | – | – | – | – | 105.5 | 100.7 | 91.9 | 84.3 |
| Yemen, Rep. of | – | – | – | – | – | – | 79.4 | 83.8 | 86.2 | 87.3 |
| Average | 75.3 | 81.5 | 87.5 | 89.1 | 83.8 | 82.1 | 95.2 | 95.2 | 94.7 | 92.0 |
| Standard deviation | 25.8 | 25.4 | 15.8 | 21.6 | 25.1 | 19.3 | 19.6 | 20.3 | 21.1 | 20.4 |
| Weighted average | | | | | | | | | | |
| MENA | 81.4 | 83.4 | 84.0 | 94.9 | 101.7 | 90.6 | 92.7 | 95.7 | – | – |
| EAP | – | – | – | – | 107.0 | 107.7 | 99.9 | – | – | – |
| ECA | – | – | – | – | – | 99.2 | – | 104.6 | – | – |
| LAC | 135.2 | 142.6 | 145.6 | 133.2 | – | 118.5 | 116.6 | 121.7 | – | – |
| SA | 97.5 | – | – | 115.7 | – | 126.1 | 120.3 | – | – | – |
| SSA | – | – | 83.7 | – | – | – | 86.9 | – | – | – |

Sources: UNESCO Institute for Statistics through EdStats - Data Query System (accessed on July 11, 2005) except for the following data. Iran 2002: Ministry of Education/Ministry of Planning and Organization 2004 through World Bank 2006a. Kuwait 2001–03: Ministry of Education through the State of Kuwait Ministry of Education 2004. Morocco 1995 and 2000–03: Royaume du Maroc Ministère de L'Éducation Nationale de l'Enseignement Supérieur de la Formation des Cadres et de la Recherche Scientifique Département de l'Éducation Nationale Direction la de Strategie, de la Statistique et de la Planification. 2004. Yemen 2000–03: Ministry of Education.

C. Equity

TABLE C.1

Gender Parity Index of Primary Gross Enrollment Rate, 1960-2003

| | 1960 | 1965 | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Algeria | 0.67 | 0.65 | 0.62 | 0.69 | 0.75 | 0.81 | 0.85 | 0.89 | 0.92 | 0.92 | 0.92 | 0.93 | – |
| Bahrain | – | – | 0.74 | 0.80 | 0.88 | 1.06 | 1.00 | 1.02 | 1.01 | 1.00 | 1.00 | 1.00 | – |
| Djibouti | – | – | 0.42 | 0.54 | – | 0.70 | 0.71 | 0.74 | 0.76 | 0.76 | 0.78 | 0.79 | – |
| Egypt, Arab Rep. of | 0.65 | 0.67 | 0.65 | 0.67 | 0.72 | 0.81 | 0.83 | 0.88 | 0.93 | 0.93 | 0.94 | 0.95 | – |
| Iran, Islamic Rep. of | 0.48 | 0.47 | 0.56 | 0.63 | – | 0.80 | 0.90 | 0.93 | 0.96 | 0.96 | 0.97 | 1.10 | – |
| Iraq | 0.38 | 0.44 | 0.43 | 0.52 | 0.90 | 0.85 | 0.84 | 0.85 | 0.82 | 0.81 | 0.83 | 0.82 | – |
| Jordan | 0.63 | 0.79 | 0.82 | 0.90 | 0.99 | 1.01 | 1.01 | 1.01 | – | 1.00 | 1.01 | – | – |
| Kuwait | 0.78 | 0.80 | 0.76 | 0.86 | 0.95 | 0.97 | 0.95 | 0.98 | 1.02 | 0.99 | 1.01 | 1.01 | – |
| Lebanon | 0.94 | 0.79 | 0.86 | – | – | – | 0.96 | 0.97 | 0.96 | 0.96 | 0.96 | 0.96 | – |
| Libya | 0.26 | 0.40 | 0.62 | 0.90 | 0.94 | 0.92 | 0.94 | 1.01 | 1.01 | 1.00 | 1.00 | – | – |
| Morocco | 0.40 | 0.45 | 0.55 | 0.58 | 0.61 | 0.64 | 0.69 | 0.75 | 0.87 | 0.89 | 0.90 | 0.90 | – |
| Oman | – | – | 0.16 | 0.39 | 0.52 | 0.80 | 0.92 | 0.95 | 0.98 | 0.98 | 0.99 | 1.00 | – |
| Qatar | – | – | 0.85 | 0.96 | 0.96 | 0.97 | 0.93 | 0.99 | 1.00 | 0.96 | 0.98 | 0.98 | – |
| Saudi Arabia | 0.09 | 0.31 | 0.47 | 0.59 | 0.66 | 0.78 | 0.86 | 0.96 | 0.96 | 0.97 | 0.96 | 0.96 | – |
| Syrian Arab Rep. | 0.44 | 0.50 | 0.62 | 0.70 | 0.79 | 0.88 | 0.90 | 0.90 | 0.93 | 0.93 | 0.95 | 0.95 | – |
| Tunisia | 0.49 | 0.56 | 0.66 | 0.67 | 0.74 | 0.85 | 0.89 | 0.93 | 0.96 | 0.96 | 0.96 | 1.00 | – |
| United Arab Emirates | – | – | 0.63 | 0.91 | 0.99 | 1.00 | 0.97 | 0.97 | 0.96 | 0.96 | 0.97 | 0.97 | – |
| West Bank and Gaza | – | – | – | – | – | – | – | – | 1.01 | 1.01 | 1.00 | 1.00 | – |
| Yemen, Rep. of | 0.03 | 0.06 | – | – | – | – | 0.35 | 0.40 | 0.65 | 0.68 | 0.71 | 0.73 | 0.76 |
| Average | 0.48 | 0.53 | 0.61 | 0.71 | 0.81 | 0.86 | 0.86 | 0.90 | 0.93 | 0.93 | 0.94 | 0.94 | – |
| Standard deviation | 0.26 | 0.21 | 0.18 | 0.17 | 0.15 | 0.12 | 0.15 | 0.15 | 0.10 | 0.09 | 0.08 | 0.09 | – |

Sources: Calculated from the gross enrollment rates by gender collected for the report. (See the attached CD-ROM for the raw data.)

Note: West Bank and Gaza 1995: The data are for basic education (from grades 1 through 10).

TABLE C.2

Gender Parity Index of Secondary Gross Enrollment Rate, 1960–2003

| | 1960 | 1965 | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Algeria | 0.67 | 0.50 | 0.41 | 0.53 | 0.65 | 0.74 | 0.81 | 0.90 | – | 1.05 | 1.07 | 1.07 |
| Bahrain | – | – | 0.72 | 1.05 | 0.83 | 0.99 | 1.03 | 1.05 | 1.10 | 1.09 | 1.07 | 1.06 |
| Djibouti | – | – | 0.37 | 0.36 | 0.57 | 0.62 | 0.66 | 0.68 | 0.62 | 0.62 | 0.66 | 0.69 |
| Egypt, Arab Rep. of | 0.39 | 0.41 | 0.49 | 0.56 | 0.63 | 0.70 | 0.79 | 0.86 | 0.93 | 0.93 | 0.93 | – |
| Iran, Islamic Rep. of | 0.44 | 0.46 | 0.51 | 0.57 | 0.62 | 0.66 | 0.75 | 0.83 | 0.94 | 0.95 | 0.94 | 0.94 |
| Iraq | 0.31 | 0.33 | 0.43 | 0.43 | 0.50 | 0.57 | 0.64 | 0.63 | 0.60 | – | – | 0.66 |
| Jordan | 0.36 | 0.44 | 0.57 | 0.73 | 0.91 | 1.08 | 1.04 | 1.09 | 1.00 | 1.02 | 1.02 | – |
| Kuwait | 0.54 | 0.73 | 0.81 | 0.87 | 0.90 | 0.91 | 0.98 | 0.99 | 1.06 | 1.06 | 1.06 | 1.06 |
| Lebanon | 0.52 | 0.61 | 0.68 | 0.98 | 0.93 | 0.98 | 1.07 | 1.11 | 1.10 | 1.09 | 1.08 | 1.09 |
| Libya | 0.13 | 0.17 | 0.23 | 0.54 | 0.71 | 0.94 | 1.01 | 0.93 | – | 1.06 | 1.06 | – |
| Morocco | 0.29 | 0.31 | 0.42 | 0.56 | 0.61 | 0.67 | 0.73 | 0.76 | 0.81 | 0.81 | 0.83 | 0.84 |
| Oman | – | – | – | 0.20 | 0.33 | 0.49 | 0.81 | 0.91 | 0.99 | 0.98 | 0.96 | 0.96 |
| Qatar | – | – | 0.72 | 1.26 | 1.05 | 1.10 | 1.06 | 0.99 | 1.07 | 1.04 | 1.02 | 0.97 |
| Saudi Arabia | 0.01 | 0.14 | 0.26 | 0.53 | 0.64 | 0.65 | 0.80 | 0.87 | 0.90 | 0.88 | 0.90 | 0.88 |
| Syrian Arab Rep. | 0.28 | 0.30 | 0.39 | 0.50 | 0.62 | 0.70 | 0.73 | 0.82 | 0.90 | 0.90 | 0.93 | 0.93 |
| Tunisia | 0.26 | 0.39 | 0.38 | 0.53 | 0.60 | 0.70 | 0.79 | 0.91 | 1.05 | 1.04 | 1.08 | 1.05 |
| United Arab Emirates | – | – | 0.32 | 0.81 | 0.88 | 1.00 | 1.21 | 1.09 | 1.07 | 1.09 | 1.07 | 1.06 |
| West Bank and Gaza | – | – | – | – | – | – | – | – | 1.08 | 1.06 | 1.06 | 1.05 |
| Yemen, Rep. of | – | – | – | – | – | – | – | 0.31 | 0.43 | 0.44 | 0.47 | 0.49 |
| Average | 0.35 | 0.40 | 0.48 | 0.65 | 0.70 | 0.79 | 0.88 | 0.87 | 0.92 | 0.95 | 0.96 | 0.93 |
| Standard deviation | 0.18 | 0.17 | 0.17 | 0.27 | 0.19 | 0.19 | 0.17 | 0.20 | 0.20 | 0.18 | 0.16 | 0.18 |

Sources: Calculated from the gross enrollment rates by gender collected for the report. (See the attached CD-ROM for the raw data.)

TABLE C.3

Gender Parity Index of Tertiary Gross Enrollment Rate, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Algeria | 0.25 | – | 0.37 | 0.47 | 0.52 | 0.70 | – | – | – | 1.08 |
| Bahrain | 1.29 | 1.58 | 0.90 | 1.70 | 1.44 | 1.57 | 1.76 | – | 1.79 | 1.84 |
| Djibouti | – | – | – | – | 0.40 | 0.84 | – | 0.82 | 0.82 | 0.82 |
| Egypt, Arab Rep. of | 0.37 | 0.45 | 0.49 | 0.46 | 0.53 | 0.66 | – | – | – | – |
| Iran, Islamic Rep. of | 0.35 | 0.40 | .. | 0.40 | 0.48 | 0.60 | 0.94 | 1.01 | 1.08 | 1.11 |
| Iraq | 0.30 | 0.51 | 0.49 | 0.60 | 0.63 | 0.64 | 0.54 | 0.54 | – | 0.45 |
| Jordan | 0.49 | 0.55 | 0.93 | 0.93 | 1.12 | 0.96 | 1.13 | 1.01 | 1.10 | – |
| Kuwait | 1.16 | – | 1.74 | 1.16 | 1.83 | 1.61 | 2.39 | – | – | 2.72 |
| Lebanon | 0.32 | – | 0.51 | – | 0.95 | 0.98 | 1.11 | 1.15 | 1.20 | 1.12 |
| Libya | 0.13 | 0.23 | 0.36 | – | 0.87 | 0.97 | 1.04 | 1.09 | 1.09 | – |
| Morocco | 0.19 | 0.24 | 0.30 | 0.47 | 0.59 | 0.73 | 0.80 | 0.80 | 0.84 | 0.87 |
| Oman | – | – | – | 0.60 | 0.99 | 0.90 | 1.60 | 1.57 | – | 1.37 |
| Qatar | – | 3.64 | 2.69 | 2.63 | 3.73 | 2.91 | 2.92 | 3.00 | 3.45 | 2.86 |
| Saudi Arabia | 0.10 | 0.30 | 0.51 | 0.78 | 0.90 | 0.94 | 1.27 | 1.49 | 1.47 | 1.50 |
| Syrian Arab Rep. | 0.26 | 0.37 | 0.43 | 0.57 | 0.64 | 0.72 | – | – | – | – |
| Tunisia | 0.25 | 0.34 | 0.44 | 0.58 | 0.67 | 0.80 | – | 1.23 | 1.28 | – |
| United Arab Emirates | – | – | 1.93 | 1.96 | 4.43 | 3.81 | 3.08 | 3.15 | 3.24 | – |
| West Bank and Gaza | – | – | – | – | – | – | 0.96 | 0.97 | 1.04 | 1.04 |
| Yemen, Rep. of | – | – | – | – | 0.22 | 0.17 | 0.32 | 0.32 | 0.34 | 0.38 |
| Average | 0.42 | 0.78 | 0.86 | 0.95 | 1.16 | 1.14 | 1.42 | 1.30 | 1.44 | 1.32 |
| Standard deviation | 0.37 | 1.02 | 0.73 | 0.68 | 1.13 | 0.89 | 0.84 | 0.82 | 0.91 | 0.76 |

Sources: Calculated from the gross enrollment rates by gender collected for the report. (See the attached CD-ROM for the raw data.)

TABLE C.4

Gender Parity Index of Gross Intake Rate, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Algeria | – | 0.77 | 0.80 | 0.87 | 0.91 | 0.95 | 0.97 | 0.98 | 0.97 | 0.98 | – |
| Bahrain | – | – | 0.92 | 1.04 | 1.02 | 1.02 | 1.01 | 0.97 | 1.01 | 0.99 | – |
| Djibouti | 0.43 | 0.46 | – | – | 0.90 | – | 0.79 | 0.76 | 0.79 | 0.83 | – |
| Egypt, Arab Rep. of | 0.70 | 0.72 | 0.78 | 0.86 | – | 0.91 | 0.97 | 0.98 | 0.98 | – | – |
| Iran, Islamic Rep. of | 0.60 | – | – | 0.88 | 0.97 | 0.98 | 0.99 | 1.00 | 1.14 | 1.15 | – |
| Iraq | 0.46 | 0.65 | – | 0.94 | – | – | 0.88 | – | – | 0.94 | – |
| Jordan | – | 0.92 | 1.00 | 1.01 | 1.01 | 1.03 | 1.00 | 1.01 | 1.01 | – | – |
| Kuwait | 0.82 | 0.85 | 1.00 | 0.98 | 1.01 | 0.96 | 1.04 | 0.99 | 1.02 | 0.99 | – |
| Lebanon | – | – | – | – | – | – | 0.97 | 0.98 | 0.99 | 0.99 | – |
| Libya | 0.85 | 0.97 | 0.98 | – | – | – | – | – | – | – | – |
| Morocco | – | – | – | – | 0.74 | 0.82 | 0.94 | 0.95 | 0.98 | 0.95 | 0.97 |
| Oman | – | 0.59 | – | 0.99 | 0.98 | 0.97 | 1.01 | 1.01 | 0.99 | 1.02 | – |
| Qatar | 0.92 | 1.02 | 0.92 | 1.06 | 1.02 | 1.13 | 0.98 | 1.01 | 1.00 | 1.00 | – |
| Saudi Arabia | – | 0.64 | 0.80 | 0.85 | 0.95 | 1.01 | 0.98 | 0.99 | 0.98 | 1.00 | – |
| Syrian Arab Rep. | 0.73 | 0.75 | 0.87 | 0.93 | 0.95 | 0.93 | 0.97 | 0.97 | 0.97 | 0.97 | – |
| Tunisia | – | 0.75 | 0.85 | 0.94 | 0.96 | 0.98 | 1.02 | 1.01 | – | – | – |
| United Arab Emirates | – | 1.00 | 0.99 | 0.97 | 0.97 | 0.99 | 0.99 | 0.98 | 1.00 | 0.99 | – |
| West Bank and Gaza | – | – | – | – | – | – | 1.01 | 1.02 | 1.00 | 0.99 | – |
| Yemen, Rep. of | – | – | – | – | – | – | 0.73 | 0.74 | 0.76 | 0.77 | – |
| Average | 0.69 | 0.78 | 0.90 | 0.95 | 0.95 | 0.98 | 0.96 | 0.96 | 0.97 | 0.97 | – |
| Standard deviation | 0.18 | 0.17 | 0.09 | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | – |

Sources: Calculated from the gross intake rates by gender collected for the report. (See the attached CD-ROM for the raw data.)

TABLE C.5

Gender Parity Index of Repetition Rate in Primary Education, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Algeria | – | 0.94 | 0.86 | 0.69 | 0.62 | 0.59 | 0.63 | 0.64 | 0.63 | – |
| Bahrain | – | – | – | 1.04 | 0.94 | 0.72 | 0.85 | 0.72 | 0.77 | 0.75 |
| Djibouti | 0.85 | 0.77 | – | – | – | – | 1.00 | 1.01 | 1.01 | 1.00 |
| Egypt, Arab Rep. of | 1.54 | 1.04 | 1.22 | 0.82 | – | 0.71 | 0.61 | 0.60 | 0.59 | 0.58 |
| Iran, Islamic Rep. of | 0.62 | – | – | – | 0.73 | 0.58 | 0.62 | 0.63 | 0.69 | 0.55 |
| Iraq | 1.07 | 0.95 | – | 0.85 | 0.78 | 0.69 | 0.71 | – | – | 0.72 |
| Jordan | – | 1.09 | 1.02 | – | 0.87 | 1.06 | 1.00 | 1.00 | 0.94 | – |
| Kuwait | 0.96 | 1.03 | 1.04 | 0.98 | 1.22 | 1.03 | 0.92 | 0.93 | 0.82 | 0.82 |
| Lebanon | – | – | – | – | – | 0.79 | 0.70 | 0.71 | 0.69 | 0.71 |
| Libya | 0.95 | 0.94 | 0.78 | – | – | – | – | – | – | – |
| Morocco | – | – | 0.91 | 0.87 | 0.81 | 0.75 | 0.76 | 0.77 | 0.74 | – |
| Oman | – | 0.96 | – | 0.70 | 0.85 | 0.72 | 0.69 | 0.64 | 0.64 | 0.64 |
| Qatar | 0.99 | 0.93 | 1.04 | 0.61 | 0.53 | 0.49 | – | – | – | – |
| Saudi Arabia | – | 0.68 | 0.51 | 0.58 | 0.62 | 0.48 | 0.57 | 0.61 | 0.46 | 0.66 |
| Syrian Arab Rep. | 0.85 | 0.96 | 0.81 | 0.82 | 0.81 | 0.75 | 0.74 | 0.74 | 0.76 | 0.79 |
| Tunisia | – | 0.90 | 0.88 | 0.88 | 0.87 | 0.82 | 0.78 | 0.70 | 0.67 | – |
| United Arab Emirates | – | 0.99 | 0.94 | 0.85 | 0.89 | 0.72 | 0.69 | 0.76 | 0.65 | 0.68 |
| West Bank and Gaza | – | – | – | – | – | – | 0.77 | 0.83 | 0.99 | 0.84 |
| Yemen, Rep. of | – | – | – | – | – | – | 0.76 | 0.83 | 0.81 | 0.83 |
| Average | 0.98 | 0.94 | 0.91 | 0.81 | 0.81 | 0.73 | 0.75 | 0.76 | 0.74 | 0.74 |
| Standard deviation | 0.26 | 0.11 | 0.18 | 0.14 | 0.17 | 0.16 | 0.13 | 0.13 | 0.15 | 0.12 |

Sources: Calculated from the repetition rates by gender collected for the report. (See the attached CD-ROM for the raw data.)

Note: Djibouti 2001–03: Only for public schools. Egypt 1995–2003: Ministry of Education schools, excluding Al-Azhar schools. 2003. Iraq 1990 and 1995: the data for females in 1995 and the data for males in 1990 and 1995 are presumed to be for Centre/South only. Yemen 2000–03: for basic education (grades 1 through 10).

D. Efficiency

TABLE D.1

Survival Rate to Grade 5, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|---------------------------|------|------|-------|------|-------|------|------|------|------|------|------|
| Algeria | – | 85.5 | 87.8 | 93.6 | 94.5 | 94.1 | 96.0 | 97.0 | 96.2 | 94.4 | – |
| Bahrain | – | – | 96.7 | 86.5 | 89.2 | 94.8 | 99.1 | 99.1 | 99.9 | – | – |
| Djibouti | 81.5 | – | – | 91.6 | 87.3 | 79.0 | 87.7 | – | – | – | – |
| Egypt, Arab Rep. of | 80.6 | 85.5 | 90.6 | 97.4 | – | – | 98.9 | 98.0 | 98.6 | – | – |
| Iran, Islamic Rep. of | – | – | – | 83.2 | 89.9 | 90.4 | 93.7 | 87.8 | – | – | – |
| Iraq | 73.7 | 89.0 | – | 84.0 | – | – | 65.6 | – | – | – | – |
| Jordan | 78.9 | 90.8 | 99.7 | 91.2 | 100.0 | – | 97.7 | 97.1 | 98.8 | – | – |
| Kuwait | – | – | – | – | – | – | – | – | – | – | – |
| Lebanon | – | – | – | – | – | – | 94.0 | 91.9 | 97.6 | – | – |
| Libya | 90.7 | 89.5 | – | – | – | – | – | – | – | – | – |
| Morocco | 65.8 | 78.5 | 78.7 | 68.9 | 75.1 | 75.0 | 83.7 | 81.2 | 75.6 | – | – |
| Oman | – | 74.0 | – | 93.5 | 96.9 | 95.9 | 96.2 | 98.0 | 97.6 | – | – |
| Qatar | 96.7 | 95.6 | 100.0 | 98.8 | 64.1 | 98.9 | – | – | – | – | – |
| Saudi Arabia | 82.6 | 82.6 | 83.6 | 93.3 | 82.9 | 89.4 | 94.1 | 91.5 | 93.6 | – | – |
| Syrian Arab Rep. | 88.9 | 85.5 | 90.6 | 95.5 | 96.0 | 93.5 | 92.4 | – | – | – | – |
| Tunisia | 67.8 | 86.5 | 86.6 | 86.6 | 86.5 | 91.0 | 95.5 | 96.2 | 96.5 | – | – |
| United Arab Emirates | – | 99.7 | 100.0 | 87.9 | 80.0 | 83.4 | 97.5 | 92.6 | 94.7 | – | – |
| West Bank and Gaza | – | – | – | – | – | – | – | – | – | – | – |
| Yemen, Rep. of | – | – | – | – | – | – | 64.5 | 67.2 | 66.6 | 67.3 | 68.0 |
| Average | 80.7 | 86.9 | 91.4 | 89.4 | 86.9 | 89.6 | 90.4 | 91.5 | 92.3 | – | – |
| Standard deviation | 9.8 | 6.9 | 7.5 | 7.6 | 10.2 | 7.4 | 11.1 | 9.2 | 10.8 | – | – |
| Weighted average | | | | | | | | | | | |
| MENA | – | 85.4 | – | 88.5 | – | – | – | – | – | 95.0 | 92.5 |
| EAP | – | – | – | – | 85.7 | 92.6 | – | – | – | – | 94.7 |
| ECA | – | – | – | – | – | – | – | – | – | – | – |
| LAC | 46.8 | 55.8 | 54.8 | – | 75.2 | – | – | – | – | – | – |
| SA | – | – | – | 53.7 | – | – | – | – | 61.0 | 59.9 | 62.4 |
| SSA | – | – | – | – | 65.0 | – | – | – | – | – | – |

Sources: UNESCO Institute for Statistics through EdStats - Data Query System (accessed on July 11, 2005) except for the following data. Algeria 2003: Zaafrane 2004.

TABLE D.2

Primary Completion Rate, 1990–2003

| | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|-------|-------|-------|-------|-------|--------|
| Algeria | 80.4 | 89.0 | 95.5 | 95.8 | 95.5 | 82.9 |
| Bahrain | 94.8 | 92.7 | 90.1 | 97.5 | 99.7 | 101.57 |
| Djibouti | 32.3 | 29.4 | 31.0 | 35.2 | 35.2 | 35.5 |
| Egypt, Arab Rep. of | 73.0 | 85.0 | 99.6 | 98.0 | 89.3 | 92.0 |
| Iran, Islamic Rep. of | 100.5 | 104.1 | 104.6 | 107.3 | – | – |
| Iraq | – | – | 55.8 | – | – | – |
| Jordan | 103.6 | 99.1 | 91.3 | 91.8 | – | – |
| Kuwait | 52.7 | 56.0 | 85.7 | 91.5 | 96.1 | – |
| Lebanon | – | 86.6 | 71.1 | 68.8 | 69.2 | 88.2 |
| Libya | – | – | – | – | – | – |
| Morocco | 47.2 | 52.3 | 61.1 | 63.3 | 67.5 | 75.0 |
| Oman | – | 75.3 | 69.1 | 71.6 | 73.4 | – |
| Qatar | 67.0 | 55.3 | – | – | 87.0 | – |
| Saudi Arabia | 56.5 | 64.1 | 74.8 | 66.1 | 61.4 | – |
| Syrian Arab Rep. | 98.6 | 89.7 | 86.5 | 90.2 | 87.5 | – |
| Tunisia | 74.5 | 87.8 | 91.1 | 95.8 | 98.8 | – |
| United Arab Emirates | 107.1 | 79.5 | 67.3 | 71.5 | – | – |
| West Bank and Gaza | – | – | 105.9 | 102.6 | 106.2 | – |
| Yemen, Rep. of | – | – | 61.3 | 62.0 | 63.3 | 62.0 |
| Average | 76.0 | 76.4 | 78.9 | 81.8 | 80.7 | 76.7 |
| Standard deviation | 24.1 | 20.7 | 20.0 | 19.6 | 19.7 | 22.1 |
| Weighted average | | | | | | |
| MENA | – | – | – | – | – | – |
| EAP | 97.4 | – | – | – | – | 96.7 |
| ECA | 88.4 | – | – | – | – | 89.9 |
| LAC | 88.2 | – | – | – | – | 96.5 |
| SA | 73.6 | – | – | – | – | 80.2 |
| SSA | 50.0 | – | – | – | – | 59.2 |

Sources: UNESCO Institute for Statistics and governments through EdStats - Data Query System except for the following data. Algeria 2003: Zafrane 2004; Egypt 1990, 1995, and 2003: calculated by a consultant based on the data from Ministry of Education. Jordan 2000 and 2001: Ministry of Education. Lebanon 1995 and 2003: Ministry of Education. Yemen: Ministry of Education.

TABLE D.3

Repetition Rate in Primary Education, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|
| Algeria | – | 12.5 | 11.7 | 7.5 | 9.2 | 8.7 | 12.5 | 11.7 | 11.4 | 11.8 |
| Bahrain | – | – | – | 8.6 | 5.1 | 5.5 | 4.3 | 3.8 | 2.9 | 3.2 |
| Djibouti | 10.7 | 18.9 | – | 12.5 | 13.4 | 14.7 | 14.3 | 12.3 | 11.8 | 10.4 |
| Egypt, Arab Rep. of | 4.5 | 6.7 | 7.9 | 1.5 | – | 6.1 | 5.2 | 5.1 | 4.5 | 4.0 |
| Iran, Islamic Rep. of | 9.1 | – | – | 10.2 | 9.4 | 5.9 | 4.8 | 4.3 | 2.3 | 2.3 |
| Iraq | 20.6 | 15.7 | – | 20.8 | 14.6 | 14.0 | 12.3 | – | – | 8.0 |
| Jordan | – | 4.1 | 3.2 | – | 5.4 | 1.3 | 0.6 | 0.5 | 0.5 | – |
| Kuwait | 15.6 | 10.8 | 6.2 | 5.2 | 2.8 | 3.5 | 3.2 | 2.8 | 2.5 | 2.5 |
| Lebanon | – | – | – | – | – | 12.3 | 8.7 | 9.6 | 9.7 | 10.1 |
| Libya | 25.8 | 16.4 | 9.2 | – | – | – | – | – | – | – |
| Morocco | 29.8 | 28.1 | 29.5 | 19.8 | 11.1 | 13.0 | 14.1 | 14.6 | 13.8 | – |
| Oman | – | 9.3 | – | 11.7 | 9.2 | 8.3 | 6.0 | 4.3 | 0.5 | 0.8 |
| Qatar | 23.7 | 21.9 | 12.6 | 10.7 | 7.4 | 4.7 | – | – | – | – |
| Saudi Arabia | – | 15.2 | 15.7 | 12.4 | 9.2 | 8.3 | 5.5 | 5.2 | 4.8 | 4.2 |
| Syrian Arab Rep. | 10.9 | 10.1 | 8.1 | 7.5 | 7.0 | 7.2 | 7.2 | 6.8 | 6.8 | 7.5 |
| Tunisia | 29.2 | 19.3 | 20.6 | 20.4 | 19.8 | 17.3 | 15.9 | 9.9 | 9.2 | – |
| United Arab Emirates | – | 15.2 | 9.0 | 5.7 | 4.4 | 4.7 | 3.1 | 2.8 | 2.6 | 2.2 |
| West Bank and Gaza | – | – | – | – | – | – | 1.8 | 1.5 | 1.2 | 0.2 |
| Yemen, Rep. of | – | – | – | – | – | – | 7.3 | 4.4 | 4.6 | 5.5 |
| Average | 18.0 | 14.6 | 12.1 | 11.0 | 9.1 | 8.5 | 7.5 | 6.2 | 5.6 | 5.2 |
| Standard deviation | 9.0 | 6.3 | 7.4 | 5.9 | 4.5 | 4.6 | 4.7 | 4.2 | 4.3 | 3.7 |
| Weighted average | | | | | | | | | | |
| MENA | 13.0 | 13.2 | – | 10.2 | – | 8.2 | 7.8 | 7.2 | 6.8 | – |
| EAP | – | – | – | – | 6.8 | 3.0 | 1.9 | 1.6 | 1.4 | – |
| ECA | – | – | – | – | – | 2.4 | 1.0 | 0.9 | 0.8 | – |
| LAC | 16.1 | 12.0 | 15.3 | 15.0 | – | 12.9 | 11.0 | 10.5 | – | – |
| SA | 20.87 | – | – | – | – | 3.69 | 4.6 | 4.5 | 4.5 | – |
| SSA | – | – | – | – | – | – | – | – | 9.4 | 11.1 |

Sources: UNESCO Institute for Statistics through EdStats - Data Query System (accessed on July 11, 2005) except for the following data. Algeria 2002: République Algérienne Démocratique et Populaire Ministère De L'Education Nationale Direction De La Planification 2003. Djibouti 2001–03: Ministère de l'Education Nationale et de l'Enseignement Supérieur Direction de la Planification et de l'Informatisation Bureau des Statistiques 2002, 2003, and 2004. Egypt 1995–2003: Ministry of Education through World Bank 2005. Iran 2002: Ministry of Education/Ministry of Planning and Organization 2004 through World Bank 2006a. Iraq 1990 and 1995: UNESCO 2003. Lebanon: calculations using consecutive years' data from the Education Center for Research and Development's annual statistical bulletins. Morocco 1995–02: Royaume du Maroc Ministère de L'Education Nationale de l'Enseignement Supérieur de la Formation des Cadres et de la Recherche Scientifique Département de l'Education Nationale Direction la de Strategie, de la Statistique et de la Planification 2004. Tunisia 2000: World Bank 2001. Tunisia 2001: Banque mondiale 2005. Yemen 2000–03: Ministry of Education.

Note: Djibouti 2001–03: only for public schools. Egypt 1995–2003: only for MOE schools, excluding Al-Azhar schools. Iraq 1995: presumed to be for Centre/South only.

TABLE D.4

Repetition Rate in Secondary Education, 1970–2003

| | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|-------|------|------|-------|------|-------|------|------|------|
| Algeria | 5.3 | 5.2 | – | – | 14.4 | 16.1 | 27.2 | – | – | – |
| Bahrain | 13.5 | 18.9 | 6.5 | 4.3 | 4.3 | – | 8.2 | 6.8 | 5.2 | 5.8 |
| Djibouti | – | 4.6 | – | 9.7 | 6.1 | 7.7 | 5.8 | 7.2 | 8.7 | 9.9 |
| Egypt, Arab Rep. of | – | 11.4 | – | – | – | – | 7.2 | 8.6 | 7.4 | – |
| Iran, Islamic Rep. of | – | – | – | – | – | – | – | – | – | – |
| Iraq | 29.5 | 18.8 | – | 23.5 | – | – | 27.5 | – | – | 9 |
| Jordan | – | 7.9 | 4.4 | – | 4.7 | – | 1.1 | 1.0 | 0.9 | – |
| Kuwait | – | 15.8 | 10.3 | – | 11.6 | 14.8 | 10.3 | 11.0 | 7.8 | 7.8 |
| Lebanon | – | – | – | – | – | 11.1 | 6.0 | 11.5 | 11.2 | 11.7 |
| Libya | 17.2 | 7.2 | 12.7 | – | – | – | – | – | – | – |
| Morocco | 16.8 | 15 | 15.0 | 14.8 | 18.5 | 19.1 | 17.7 | 17.2 | 16.4 | – |
| Oman | – | 1.2 | – | 12.6 | 8.4 | 10.3 | 9.4 | 7.7 | 7.9 | 6.5 |
| Qatar | 6.8 | 7.6 | 13.8 | 11.2 | 8.5 | 8.3 | – | – | – | – |
| Saudi Arabia | – | 8.2 | 14.8 | – | 6.4 | 11.8 | 7.1 | 7.4 | 7.8 | 6.6 |
| Syrian Arab Rep. | 16.2 | 15.6 | 13.9 | 13.5 | 13.22 | – | 10.9 | 9.9 | 7 | 7.8 |
| Tunisia | – | 8.5 | 7.4 | 13.7 | 15.5 | 13.9 | 15.2 | 16.7 | 14.1 | – |
| United Arab Emirates | – | 6.9 | – | 9.9 | 7.1 | 7.8 | 5.1 | 4.9 | 5.5 | 4.5 |
| West Bank and Gaza | – | – | – | – | – | – | 2.42 | 2.13 | 1.76 | 1.96 |
| Yemen, Rep. of | – | – | – | – | – | – | 6.7 | 4.8 | 4.2 | 5.7 |
| Average | 15.1 | 10.2 | 11.0 | 12.6 | 9.9 | 12.1 | 10.5 | 8.3 | 7.6 | 7.0 |
| Standard deviation | 8.0 | 5.4 | 4.0 | 5.2 | .. | 3.8 | 7.8 | 4.7 | 4.3 | 2.7 |
| Weighted average | | | | | | | | | | |
| MENA | – | 11.79 | – | – | – | – | – | – | – | – |
| EAP | – | – | – | – | 1.4 | 0.3 | – | – | 0.52 | – |
| ECA | – | – | – | – | – | – | 0.89 | 0.84 | – | – |
| LAC | – | – | 4.8 | – | – | – | 11.36 | 10.5 | – | – |
| SA | – | – | – | – | – | – | 4.93 | 4.98 | 5.04 | – |
| SSA | – | – | – | – | – | – | – | – | – | – |

Sources: UNESCO Institute for Statistics through EdStats - Data Query System. Djibouti 2001–03: Ministère de l'Éducation Nationale et de l'Enseignement Supérieur Direction de la Planification et de l'Informatisation Bureau des Statistiques 2002, 2003, and 2004. Iraq 2003: Republic of Iraq Ministry of Education 2005. Yemen 2000–03: Ministry of Education.

Note: Djibouti 2001–03: only for public schools. Iraq 1995: presumed to be for Centre/South only.

TABLE D.5

Dropout Rate in Primary Education, 1975–2004

| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Algeria | – | – | – | – | – | 6.5 | 1.6 | 1.9 | 2.3 | – |
| Bahrain | – | – | – | – | – | 0.2 | – | – | – | – |
| Djibouti | – | – | – | – | – | – | – | – | – | – |
| Egypt, Arab Rep. of | – | – | – | 3.9 | 1.3 | 0.9 | 0.9 | 0.8 | 0.9 | 0.5 |
| Iran, Islamic Rep. of | – | – | – | – | – | – | – | 1.7 | – | – |
| Iraq | – | 1.4 | – | 1.9 | 3.1 | 2.4 | – | – | 3.6 | – |
| Jordan | 3.2 | 2.4 | 1.1 | 2.3 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Kuwait | – | – | – | – | – | 1.5 | 1.3 | 0.8 | – | – |
| Lebanon | – | – | – | – | 0.7 | 2.2 | 2.6 | 1.2 | 2.2 | – |
| Libya | – | – | – | – | – | – | – | – | – | – |
| Morocco | – | – | – | 4.9 | 6.4 | 4.5 | 5.1 | 6.2 | – | – |
| Oman | – | – | – | – | – | 4.8 | – | – | – | – |
| Syrian Arab Rep. | – | – | – | – | – | 11.7 | – | – | – | – |
| Tunisia | – | – | – | 4.7 | 4.4 | – | – | 1.8 | – | – |
| Saudi Arabia | – | – | – | – | – | 7.8 | – | – | – | – |
| United Arab Emirates | – | – | – | – | – | 4.1 | – | – | – | – |
| West Bank and Gaza | – | – | – | – | 2.8 | 1.5 | 1.0 | 1.0 | 0.9 | 0.7 |
| Yemen, Rep. of | – | – | – | – | – | 15.5 | 8.5 | 6.9 | 7.8 | – |
| Average | – | – | – | 3.5 | 2.7 | 4.6 | 2.6 | 2.3 | 2.5 | – |
| Standard deviation | – | – | – | 1.4 | 2.2 | 4.5 | 2.8 | 2.3 | 2.6 | – |

Sources: Algeria 2000: UNESCO 2004. Algeria 2001: République Algérienne Démocratique et Populaire Ministère De L'Éducation Nationale Direction De La Planification 2003. Algeria 2002: Zaafrane 2004. Algeria 2003: World Bank 2006c. Bahrain: UNDP, "Gender Equality and Empowerment of Women" from <http://www.undp.org/bh/undp/files/Goal3.pdf>. Egypt: Ministry of Education. Iran: Ministry of Education/Ministry of Planning and Organization 2004 through World Bank 2006a. Iraq 1980, 1990, 1995, and 2000: UNESCO 2003. Iraq 2002: Republic of Iraq Ministry of Education. Jordan: Ministry of Education. Kuwait 2000: UNESCO 2004. Kuwait 2001 and 2002: State of Kuwait Ministry of Education 2004. Lebanon: Ministry of Education. Morocco: Royaume Du Maroc Ministère de L'Éducation Nationale de l'Enseignement Supérieur, de la Formation des Cadres et de la Recherche Scientifique Département de l'Éducation Nationale Direction la de Strategie de la Statistique et de la Planification 2004. Oman 2000: UNESCO 2004. Syria: UNESCO 2004. Tunisia 1990: Ministry of National Education through World Bank 1995. Tunisia 1995: Banque mondiale 2000. Tunisia 2002: World Bank 2004a. West Bank and Gaza 2000: UNESCO 2004. West Bank and Gaza 1995–2003: Palestinian Central Bureau of Statistics. West Bank and Gaza 2004: World Bank 2006b. Yemen 2001–03: Ministry of Education.

Note: Egypt: only for MOE schools, not including Al-Azhar schools. Egypt 1990: actually for 1991. Iraq 1980: actually for 1978. Iraq 1990 and 1995: presumed to be for Centre/South only. Iraq 2000: actually for 1998. Jordan 1985: actually for 1984. Morocco: only for public schools. Morocco 1990: actually for 1991. Tunisia 1990: actually for 1992. West Bank and Gaza: for basic education. Yemen 2000: actually for 1999.

TABLE D.6

Dropout Rate in Secondary, Lower Secondary, and Upper Secondary Education, 1975–2004

| | Level | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------------|-----------------|------|------|------|------|------|------|------|------|------|------|
| Algeria | Secondary | – | – | – | – | – | – | – | 13.9 | – | – |
| | Lower Secondary | – | – | – | – | – | – | 12.7 | 13.4 | 13.6 | – |
| | Upper Secondary | – | – | – | – | – | – | 13.6 | 14.7 | – | – |
| Bahrain | Lower Secondary | – | – | – | – | – | 0.4 | – | – | – | – |
| | Upper Secondary | – | – | – | – | – | 1.8 | – | – | – | – |
| Iraq | Secondary | – | – | – | – | – | – | – | – | 4 | – |
| | Lower Secondary | – | 2.3 | – | 5.1 | 6.9 | 7.6 | – | – | – | – |
| | Upper Secondary | – | – | – | 1.5 | 1.9 | .. | – | – | .. | – |
| Jordan | Secondary | 9.7 | 9.0 | 9.4 | 11.8 | 2.1 | 1.1 | 0.9 | 0.7 | 0.7 | 0.7 |
| | Lower Secondary | 11.2 | 8.4 | 8.1 | 8.7 | 1.5 | 1.1 | 0.9 | 0.8 | 0.7 | 0.7 |
| | Upper Secondary | 5.6 | 10.2 | 11.9 | 16.3 | 2.8 | 1.1 | 0.9 | 0.7 | 0.7 | 0.7 |
| Kuwait | Lower Secondary | – | – | – | – | – | – | 2.8 | 1.6 | – | – |
| | Upper Secondary | – | – | – | – | – | – | 8.3 | 9.2 | – | – |
| Lebanon | Lower Secondary | – | – | – | – | 5.8 | 10.0 | 11.7 | 11.3 | 11.1 | – |
| Morocco | Lower Secondary | – | – | – | 12.7 | 14.8 | 12.7 | 14 | 14.6 | – | – |
| | Upper Secondary | – | – | – | 13 | 16.5 | 10.1 | 8.4 | 9.4 | – | – |
| Oman | Lower Secondary | – | – | – | – | 7.1 | – | – | 2.0 | – | – |
| Tunisia | Secondary | – | – | – | – | 8.7 | – | – | 9.2 | – | – |
| | Upper Secondary | – | – | – | – | 12 | – | – | – | – | – |
| West Bank and Gaza | Upper Secondary | – | – | – | – | – | – | – | – | 3 | 3 |
| Yemen, Rep. of | Secondary | – | – | – | – | – | .. | 8.5 | 6.9 | 7.8 | – |
| | Lower Secondary | – | – | – | – | – | 12 | 9.6 | 7.4 | 6.0 | – |
| | Upper Secondary | – | – | – | – | – | .. | 4.6 | 4.7 | 4.9 | – |

Sources (Secondary): Algeria 2002: Zaafrane 2004. Iraq 2003: Republic of Iraq Ministry of Education 2005. Jordan: Ministry of Education. Tunisia 1995: World Bank 1997. Tunisia 2000: World Bank 2004a. Yemen 2001–2003: Ministry of Education.

Note: Jordan 1995: actually for 1994.

Sources (Lower Secondary): Algeria 2001: République Algérienne Démocratique et Populaire Ministère de L'Éducation Nationale Direction de La Planification 2003. Algeria 2002: Zaafrane 2004. Algeria 2003: World Bank 2006c. Bahrain 2000: UNDP, "Gender Equality and Empowerment of Women" from <http://www.undp.org/bh/undp/files/Goal3.pdf>. Iraq 1980, 1990, 1995, and 2000: UNESCO 2003. Egypt: Ministry of Education. Iran: Ministry of Education/Ministry of Planning and Organization 2004 through World Bank 2005. Iraq 1990 and 1995: UNESCO 2003. Jordan: Ministry of Education. Kuwait: Ministry of Education through State of Kuwait Ministry of Education 2004. Lebanon: Ministry of Education. Morocco: Royaume Du Maroc Ministère de L'Éducation Nationale de l'Enseignement Supérieur de la Formation des Cadres et de la Recherche Scientifique Department de l'Éducation Nationale Direction la de Strategie de la Statistique et de la Planification 2004. Oman: Sultanate of Oman Ministry of Education. 2004. Yemen 2000–2003: Ministry of Education.

Note: Egypt: data are only for MOE schools, not including Al-Azhar schools. Iraq 1990 and 1995: presumed to be for Centre/South only. Iraq 1980: actually for 1978. Iraq 2000: actually for 1998. Jordan 1995: actually for 1994. Yemen 2000: actually for 1999.

Sources (Upper Secondary): Algeria 2001: République Algérienne Démocratique et Populaire Ministère de L'Éducation Nationale Direction de La Planification 2003. Algeria 2002: Zaafrane 2004. Bahrain 2000: UNDP, "Gender Equality and Empowerment of Women" from <http://www.undp.org/bh/undp/files/Goal3.pdf>. Iraq 1990 and 1995: UNESCO 2003. Jordan: Ministry of Education. Kuwait: Ministry of Education through State of Kuwait Ministry of Education 2004. Morocco: Royaume Du Maroc Ministère de L'Éducation Nationale de l'Enseignement Supérieur de la Formation des Cadres et de la Recherche Scientifique Department de l'Éducation Nationale Direction la de Strategie de la Statistique et de la Planification 2004. Tunisia 1995: World Bank 1997. West Bank and Gaza: Palestinian Central Bureau of Statistics Yemen 2001–2003: Ministry of Education.

Note: Iraq 1990 and 1995: presumed to be for Centre/South only. Jordan 1995: actually for 1994. Morocco 1990: actually for 1991. Tunisia 1995: actually for 1994.

TABLE D.7

Private Enrollment Share in Primary Education, 1985–2003

(percent)

| | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|
| Algeria | – | – | – | – | – | – | – |
| Bahrain | 11.2 | 13.2 | 17.2 | 19.7 | 21.1 | 21.8 | 22.6 |
| Djibouti | 9.9 | 8.9 | 7.2 | 11.1 | 11.0 | 15.5 | 15.5 |
| Egypt, Arab Rep. of | 4.8 | 5.8 | 6.5 | 8.9 | – | 9.0 | 8.0 |
| Iran, Islamic Rep. of | – | 0.1 | 2.7 | 3.6 | 3.8 | 3.8 | 4.3 |
| Iraq | – | – | – | – | – | – | – |
| Jordan | 7.8 | 22.9 | 24.8 | 30.0 | 29.4 | 29.2 | 29.9 |
| Kuwait | 28.3 | 25.0 | 33.2 | 30.6 | 30.4 | 31.0 | 32.3 |
| Lebanon | – | 68.3 | 70.7 | 63.6 | 63.5 | 64.2 | 64.7 |
| Libya | – | – | – | 2.2 | 2.5 | 2.5 | – |
| Morocco | 3.4 | 3.6 | 3.8 | 4.6 | 4.9 | 5.3 | 5.5 |
| Oman | 1.2 | 1.8 | 3.1 | 4.5 | 4.1 | 4.0 | 4.3 |
| Qatar | 21.6 | 23.4 | 34.8 | 39.3 | 41.2 | 43.0 | 41.8 |
| Saudi Arabia | 3.2 | 4.1 | 6.0 | 6.6 | 6.7 | 6.8 | 6.9 |
| Syrian Arab Rep. | 4.5 | 3.6 | 3.9 | 4.3 | 4.4 | 4.2 | 4.2 |
| Tunisia | 0.4 | 0.5 | 0.6 | 0.8 | 0.8 | 0.9 | 1.0 |
| United Arab Emirates | 25.6 | 32.3 | 41.5 | 46.5 | 50.8 | 53.8 | 57.6 |
| West Bank and Gaza | – | – | – | 8.9 | 8.3 | 7.7 | 8.4 |
| Yemen, Rep. of | – | – | – | 1.3 | 1.3 | 1.7 | 1.8 |
| Average | 10.2 | 15.2 | 18.3 | 16.9 | 17.8 | 17.9 | 19.3 |
| Standard deviation | 19.5 | 17.4 | 22.8 | 20.3 | 21.3 | 18.4 | 20.4 |
| Weighted average | | | | | | | |
| MENA | – | 3.4 | 5.3 | – | – | – | – |
| EAP | – | – | – | – | – | – | – |
| ECA | – | – | – | – | – | – | – |
| LAC | 12.5 | 13.2 | 12.7 | – | – | – | – |
| SAS | – | – | – | – | – | – | – |
| SSA | – | – | – | – | – | – | – |

Source: UNESCO Institute for Statistics through EdStats - Data Query System, except for the following data. Morocco 1995–2001: calculated from Royaume du Maroc Ministère de l'Éducation Nationale 2002 and Ministry of Education.

TABLE D.8

Private Enrollment Share in Secondary Education, 1975–2003

(percent)

| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|
| Algeria | – | – | – | – | – | – | – | – | – |
| Bahrain | – | – | 12.2 | 8.8 | 14.8 | 15.2 | 14.9 | 15.2 | 15.5 |
| Djibouti | – | – | 3.0 | 15.7 | 10.9 | 14.7 | 15.3 | – | 21.0 |
| Egypt, Arab Rep. of | – | – | – | 3.8 | 4.8 | – | 6.0 | 6.0 | 5.5 |
| Iran, Islamic Rep. of | – | – | – | 0.3 | 2.6 | – | – | 5.7 | – |
| Iraq | – | – | – | – | – | – | – | – | – |
| Jordan | – | – | – | 6.1 | 9.4 | 16.5 | 16.2 | 16.3 | 16.6 |
| Kuwait | – | – | 13.8 | 22.6 | 26.5 | 27.3 | 27.6 | 27.1 | 27.6 |
| Lebanon | – | – | – | 57.8 | 60.5 | 51.1 | 51.0 | 51.1 | 51.9 |
| Libya | – | – | – | – | – | – | 2.8 | 2.8 | – |
| Morocco | – | – | 6.3 | 2.7 | 2.7 | 5.0 | – | 4.6 | 4.6 |
| Oman | – | – | 0.5 | 0.7 | 0.6 | 0.9 | 0.9 | 1.0 | 1.1 |
| Qatar | – | – | 10.8 | 12.3 | 19.5 | 28.8 | 30.4 | 31.7 | 32.3 |
| Saudi Arabia | – | – | 3.0 | 2.8 | 3.7 | 6.3 | 6.3 | 7.6 | 7.9 |
| Syrian Arab Rep. | – | – | 6.2 | 5.6 | 5.9 | 4.8 | 4.6 | 4.2 | 4.1 |
| Tunisia | – | – | 9.5 | 12.0 | 8.6 | 7.6 | – | 4.0 | 3.9 |
| United Arab Emirates | – | – | 15.4 | 20.7 | 28.5 | 33.7 | 35.9 | 38.1 | 40.6 |
| West Bank and Gaza | – | – | – | – | – | 4.8 | 4.3 | 4.1 | 4.3 |
| Yemen, Rep. of | – | – | – | – | – | 1.3 | – | 1.7 | 1.7 |
| Average | – | – | 8.1 | 12.3 | 14.2 | 15.6 | 16.6 | 13.8 | 15.9 |
| Standard deviation | – | – | 5.0 | 14.9 | 16.0 | 14.7 | 15.3 | 15.2 | 15.8 |
| Weighted average | | | | | | | | | |
| MENA | 14.5 | – | – | 3.1 | – | – | – | – | – |
| EAP | – | – | – | – | – | – | – | – | – |
| ECA | – | – | – | – | – | – | – | – | – |
| LAC | – | – | 22.6 | – | – | – | – | – | – |
| SAS | – | – | – | – | – | – | – | – | – |
| SSA | – | – | – | – | – | – | – | – | – |

Sources: UNESCO Institute for Statistics through World Bank EdStats - Data Query System.

TABLE D.9

Private Enrollment Share in Tertiary Education, 2000–2003

(percent)

| | 2000 | 2001 | 2002 | 2003 |
|---------------------------|-------|------|------|------|
| Egypt, Arab Rep. of | – | – | 17.6 | 16.5 |
| Iran, Islamic Rep. of | – | – | 54.4 | 54.1 |
| Iraq | 12.3 | – | – | 6.5 |
| Jordan | 35.9 | 31.6 | 37.1 | 24.7 |
| Kuwait | – | – | – | – |
| Lebanon | 42.1 | 46.0 | 47.1 | 49.3 |
| Libya | 19.5 | – | – | – |
| Morocco | 3.7 | 4.3 | 4.6 | 5.1 |
| Oman | – | – | – | 28.7 |
| Saudi Arabia | – | – | 6.8 | 7.4 |
| Tunisia | – | – | 0.4 | – |
| West Bank and Gaza | 598.3 | 55.2 | 55.6 | 58.1 |
| Yemen, Rep. of | – | – | – | 8.7 |
| Average | 28.6 | 34.3 | 27.9 | 25.9 |
| Standard deviation | 20.4 | 22.2 | 23.2 | 20.9 |

Source: UNESCO Institute for Statistics through World Bank EdStats - Data Query System.

E. Quality and Outcomes

TABLE E.1

TIMSS Score in Math of 8th Grade, 1995, 1999, and 2003

| | 1995 | 1999 | 2003 |
|------------------------------|------|------|------|
| Algeria | – | – | – |
| Bahrain | – | – | 401 |
| Djibouti | – | – | – |
| Egypt, Arab Rep. of | – | – | 406 |
| Iran, Islamic Rep. of | 428 | 422 | 411 |
| Iraq | – | – | – |
| Jordan | – | 428 | 424 |
| Kuwait | 392 | – | – |
| Lebanon | – | – | 433 |
| Libya | – | – | – |
| Morocco | – | 337 | 387 |
| Oman | – | – | – |
| Qatar | – | – | – |
| Saudi Arabia | – | – | 332 |
| Syrian Arab Rep. | – | – | – |
| Tunisia | – | 448 | 410 |
| United Arab Emirates | – | – | – |
| West Bank and Gaza | – | – | 390 |
| Yemen, Rep. of | – | – | – |
| Regional average | 410 | 409 | 399 |
| International average | 513 | 487 | 467 |
| Top country | 643 | 604 | 605 |

Sources: Mullis, Martin, Gonzalez, and Chrostowski. 2004. Martin, Mullis, Gonzalez, and Chrostowski, S.J. 2004. Mullis, Martin, Gonzalez, Gregory, Garden, O'Connor, Chrostowski, and Smith (-> 2000). Martin, Mullis, Gonzalez, Gregory, Smith, Chrostowski, Garden, and O'Connor(-> 2000). Mullis, Martin, Beaton, Gonzalez, Kelly, and Smith 1998.

Note: Top country in 1995 was Singapore for both math and science. Top countries in 1999 were Singapore for math and Chinese Taipei for science. Top country in 2003 was Singapore for both math and science.

TABLE E.2

TIMSS Score in Science of 8th Grade, 1995, 1999, and 2003

| | 1995 | 1999 | 2003 |
|------------------------------|------|------|------|
| Algeria | – | – | – |
| Bahrain | – | – | 438 |
| Djibouti | – | – | – |
| Egypt, Arab Rep. of | – | – | 421 |
| Iran, Islamic Rep. of | 463 | 448 | 453 |
| Iraq | – | – | – |
| Jordan | – | 450 | 475 |
| Kuwait | 430 | – | – |
| Lebanon | – | – | 393 |
| Libya | – | – | – |
| Morocco | – | 323 | 396 |
| Oman | – | – | – |
| Qatar | – | – | – |
| Saudi Arabia | – | – | 398 |
| Syrian Arab Rep. | – | – | – |
| Tunisia | – | 430 | 404 |
| United Arab Emirates | – | – | – |
| West Bank and Gaza | – | – | 435 |
| Yemen, Rep. of | – | – | – |
| Regional average | 447 | 413 | 424 |
| International average | 516 | 488 | 474 |
| Top country | 607 | 569 | 578 |

Sources: Mullis, Martin, Gonzalez, and Chrostowski. 2004. Martin, Mullis, Gonzalez, and Chrostowski, S.J. 2004. Mullis, Martin, Gonzalez, Gregory, Garden, O'Connor, Chrostowski, and Smith (-> 2000). Martin, Mullis, Gonzalez, Gregory, Smith, Chrostowski, Garden, and O'Connor(-> 2000). Mullis, Martin, Beaton, Gonzalez, Kelly, and Smith 1998.

Note: Top country in 1995 was Singapore for both math and science. Top countries in 1999 were Singapore for math and Chinese Taipei for science. Top country in 2003 was Singapore for both math and science.

TABLE E.3

Adult Literacy Rate (Aged 15 and Older), 1955–2004

| | 1955 | 1960 | 1965 | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Algeria | 19.0 | – | 18.8 | 21.5 | 28.4 | 36.6 | 44.9 | 52.9 | 60.3 | 66.7 | 67.8 | 68.9 | 69.9 | – |
| Bahrain | – | 25.3 | 28.5 | 50.9 | 62.9 | 71.2 | 76.7 | 82.1 | 85.2 | 87.5 | 87.9 | 88.5 | 86.6 | – |
| Djibouti | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Egypt, Arab Rep. of | – | 25.8 | – | 31.6 | 35.4 | 39.3 | 43.2 | 47.1 | 51.1 | – | 65.6 | 61.0 | 71.4 | – |
| Iran, Islamic Rep. of | 12.8 | – | 22.8 | 34.3 | 42.0 | 49.7 | 55.9 | 63.2 | 70.0 | 76.0 | 77.1 | – | 77.0 | – |
| Iraq | – | – | – | – | – | – | – | – | – | – | – | – | 74.1 | 65.0 |
| Jordan | – | – | – | 55.1 | 62.3 | 69.2 | 75.6 | 81.5 | 86.5 | 89.8 | 90.3 | 90.9 | 90.3 | – |
| Kuwait | – | – | 52.6 | 57.6 | 61.8 | 67.8 | 72.1 | 76.7 | 79.0 | 81.9 | 82.4 | 82.9 | 93.3 | – |
| Lebanon | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Libya | 12.9 | – | 21.7 | 35.4 | 44.7 | 52.7 | 60.8 | 68.1 | 74.5 | 79.9 | 80.8 | 81.7 | – | – |
| Morocco | – | 13.8 | – | 19.8 | 24.5 | 28.6 | 33.5 | 38.7 | 43.9 | 48.8 | 49.8 | 50.7 | 52.3 | – |
| Oman | – | – | – | 18.5 | 27.6 | 36.2 | 45.5 | 54.7 | 63.7 | 71.7 | 73.0 | 74.4 | 81.4 | – |
| Qatar | – | – | – | 58.3 | 63.4 | 69.8 | 74.4 | 77.0 | 79.3 | – | – | – | 89.0 | – |
| Saudi Arabia | – | – | – | 33.3 | 41.7 | 50.9 | 59.2 | 66.2 | 71.3 | 76.2 | 77.1 | 77.9 | 79.4 | – |
| Syrian Arab Rep. | – | – | – | 41.1 | 47.7 | 53.3 | 59.4 | 64.8 | 69.9 | 74.4 | 75.3 | 82.9 | 79.6 | – |
| Tunisia | 15.7 | – | 32.2 | 27.4 | 36.3 | 44.9 | 52.6 | 59.1 | 64.7 | 71.0 | 72.1 | 73.2 | 74.3 | – |
| United Arab Emirates | – | – | – | 52.2 | 59.6 | 65.4 | 68.8 | 71.0 | 73.4 | 76.2 | 76.7 | 77.3 | – | – |
| West Bank and Gaza | – | – | – | – | – | – | – | – | 84.3 | 89.2 | 90.2 | 91.0 | 91.9 | 92.3 |
| Yemen, Rep. of | – | – | – | 14.2 | 14.9 | 20.0 | 25.9 | 32.7 | 40.1 | 46.4 | 47.7 | 49.0 | – | – |
| Average | – | – | – | 29.7 | 35.8 | 42.0 | 47.0 | 54.3 | 60.4 | 69.0 | 69.0 | 68.7 | 68.7 | – |
| Standard deviation | – | – | – | 15.1 | 15.9 | 16.1 | 15.7 | 15.0 | 14.1 | 13.1 | 12.7 | 13.5 | 11.0 | – |
| Weighted average | | | | | | | | | | | | | | |
| MENA | – | – | – | 24.7 | 32.5 | 40.3 | 48.3 | 56.1 | 63.3 | 68.4 | 69.4 | – | – | – |
| EAP | – | – | – | 54.1 | 61.0 | 68.0 | 74.1 | 78.9 | 82.5 | 90.2 | – | – | – | – |
| ECA | – | – | – | 96.4 | 97.0 | 97.5 | 98.0 | 98.4 | 98.7 | 97.1 | – | – | – | – |
| LAC | – | – | – | 72.6 | 75.9 | 79.1 | 81.7 | 84.1 | 86.3 | 88.5 | – | – | – | – |
| SAS | – | – | – | 33.2 | 36.9 | 40.7 | 44.6 | 48.5 | 52.3 | 55.8 | 59.3 | – | – | – |
| SSA | – | – | – | – | – | – | – | – | – | 62.3 | 64.1 | 64.9 | – | – |

Sources: UNESCO 1971, UNESCO 1980, and UNESCO Institute for Statistics through World Bank EdStats - Data Query System except for the following data. Egypt 1960, 2001, and 2002: UNDP 2003. Iraq 2004: Ministry of Planning and Development Cooperation and UNDP 2005. Jordan 1990 and 2003: World Bank 2004c. West Bank and Gaza 1995 and 2000–04: Palestinian Central Bureau of Statistics.

Note: Algeria: the data in 1955 and 1965 are actually for 1954 and 1966. Bahrain: the data in 1960 are for 1959.

TABLE E.4

Average Years of Schooling of Adults, 1960–2000

| | 1960 | 1965 | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 |
|---------------------------|------|------|------|------|------|------|------|------|------|
| Algeria | 0.98 | 1.04 | 1.56 | 2.01 | 2.68 | 3.46 | 4.25 | 4.83 | 5.37 |
| Bahrain | 1.04 | 1.58 | 2.78 | 3.23 | 3.62 | 4.06 | 4.97 | 5.50 | 6.11 |
| Egypt, Arab Rep. of | – | – | – | 1.55 | 2.34 | 3.56 | 4.26 | 4.99 | 5.51 |
| Iran, Islamic Rep. of | 0.80 | 1.34 | 1.61 | 2.21 | 2.82 | 3.37 | 3.96 | 4.73 | 5.31 |
| Iraq | 0.29 | 0.81 | 1.36 | 1.85 | 2.66 | 2.54 | 3.27 | 3.74 | 3.95 |
| Jordan | 2.33 | 2.74 | 3.25 | 3.77 | 4.28 | 5.23 | 5.95 | 6.47 | 6.91 |
| Kuwait | 2.89 | 2.88 | 3.13 | 3.37 | 4.53 | 5.28 | 5.99 | 6.54 | 7.05 |
| Libya | – | 0.97 | – | 2.03 | – | 3.87 | – | – | – |
| Syrian Arab Rep. | 1.35 | 1.77 | 2.15 | 2.84 | 3.65 | 4.47 | 5.11 | 5.48 | 5.77 |
| Tunisia | 0.61 | 0.94 | 1.48 | 2.27 | 2.94 | 3.34 | 3.94 | 4.53 | 5.02 |
| United Arab Emirates | – | – | – | 2.87 | – | – | – | – | – |
| Yemen, Rep. of | – | – | – | 0.09 | 0.34 | 0.84 | 1.48 | 2.35 | 2.91 |
| Average | 1.29 | 1.56 | 2.17 | 2.34 | 2.99 | 3.64 | 4.32 | 4.92 | 5.39 |
| Standard deviation | 0.9 | 0.8 | 0.8 | 1.0 | 1.2 | 1.3 | 1.3 | 1.2 | 1.3 |
| Weighted average | | | | | | | | | |
| MENA | – | – | – | – | – | – | – | – | – |
| EAP | – | – | – | 4.19 | 4.61 | 4.85 | 5.54 | 5.91 | 6.18 |
| ECA | – | – | – | – | – | – | – | – | – |
| LAC | – | – | 3.82 | 3.91 | 4.42 | 4.71 | 5.32 | 5.74 | 6.05 |
| SAS | – | – | 2.07 | 2.45 | 3.01 | 3.33 | 3.89 | 4.22 | 4.65 |
| SSA | – | – | – | – | – | – | – | – | – |

Sources: Barro-Lee 2000 except for the following data. Yemen 1995: calculated by a consultant using Central Statistical Organization 1996. Yemen 2000: calculated by a consultant using Yemen National Poverty Survey 1999.

Note: Yemen 1995: the data are for the population ages 10 and above in 1994. Yemen 2000: The data are actually for 1999.

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