

## Access to electricity and water for domestic use

|                          | Population access to improved water source <sup>(1)</sup> |              | Population access to electricity <sup>(2),(3),(4)</sup> |
|--------------------------|---|--------------|---|
|                          | Rural<br>(%)  | Urban<br>(%) |   |
| Afghanistan              | 31  | 63           | 2   |
| Albania                  | 94  | 99           | -   |
| Algeria                  | 80  | 88           | 98  |
| Andorra                  | 100   | 100          | -   |
| Angola                   | 40  | 75           | 12  |
| Antigua and Barbuda      | 89  | 95           | -   |
| Argentina                | 80  | 98           | 94,6  |
| Armenia                  | 80  | 99           | -   |
| Aruba                    | 100   | 100          | -   |
| Australia                | 100   | 100          | 100   |
| Austria                  | 100   | 100          | 100   |
| Azerbaijan               | 59  | 95           | -   |
| Bahamas, The             | 86  | 98           | -   |
| Bahrain                  | -   | 100          | 99,4  |
| Bangladesh               | 72  | 82           | 20,4  |
| Barbados                 | 100   | 100          | -   |
| Belarus                  | 100   | 100          | -   |
| Belgium                  | 100   | 100          | 100   |
| Belize                   | 82  | 100          | -   |
| Benin                    | 57  | 78           | 22  |
| Bhutan                   | 60  | 86           | -   |
| Bolivia                  | 68  | 95           | 60,4  |
| Bosnia and Herzegovina   | 96  | 99           | -   |
| Botswana                 | 90  | 100          | 22  |
| Brazil                   | 57  | 96           | 94,9  |
| Bulgaria                 | 97  | 100          | -   |
| Burkina Faso             | 54  | 94           | 13  |
| Burundi                  | 77  | 92           | -   |
| Cambodia                 | 35  | 64           | 15,8  |
| Cameroon                 | 44  | 86           | 20  |
| Canada                   | 99  | 100          | 100   |
| Cape Verde               | 73  | 86           | -   |
| Central African Republic | 61  | 93           | -   |
| Chad                     | 43  | 41           | -   |
| Chile                    | 58  | 100          | 99  |
| China                    | 67  | 93           | 98,6  |
| Colombia                 | 71  | 99           | 81  |
| Comoros                  | 82  | 92           | -   |
| Congo, Dem. Rep.         | 29  | 82           | 6,7   |
| Congo, Rep.              | 27  | 84           | 20,9  |
| Costa Rica               | 92  | 100          | 95,7  |
| Cote d'Ivoire            | 74  | 97           | 50  |
| Croatia                  | 100   | 100          | -   |
| Cuba                     | 78  | 95           | 97  |
| Cyprus                   | 100   | 100          | -   |
| Czech Republic           | 100   | 100          | 100   |
| Denmark                  | 100   | 100          | 100   |
| Djibouti                 | 59  | 76           | -   |
| Dominica                 | 90  | 100          | -   |
| Dominican Republic       | 91  | 97           | 66,8  |
| Ecuador                  | 89  | 97           | 80  |
| Egypt, Arab Rep.         | 97  | 99           | 93,8  |
| El Salvador              | 70  | 94           | 70,8  |

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|                         | Population access to improved water source <sup>(1)</sup> |              | Population access to electricity <sup>(2),(3),(4)</sup><br>(%) |
|-------------------------|---|--------------|--|
|                         | Rural<br>(%)  | Urban<br>(%) |  |
| Equatorial Guinea       | 42  | 45           | -  |
| Eritrea                 | 57  | 74           | 17   |
| Estonia                 | 99  | 100          | -  |
| Ethiopia                | 11  | 81           | 4,7  |
| European Monetary Union | 100   | 100          | -  |
| Fiji                    | 51  | 43           | -  |
| Finland                 | 100   | 100          | 100  |
| France                  | 100   | 100          | 100  |
| French Polynesia        | 100   | 100          | -  |
| Gabon                   | 47  | 95           | 31   |
| Gambia, The             | 77  | 95           | -  |
| Georgia                 | 67  | 96           | -  |
| Germany                 | 100   | 100          | 100  |
| Ghana                   | 64  | 88           | 45   |
| Greece                  | -   | -            | 100  |
| Grenada                 | 93  | 97           | -  |
| Guam                    | 100   | 100          | -  |
| Guatemala               | 92  | 99           | 66,7   |
| Guinea                  | 35  | 78           | -  |
| Guinea-Bissau           | 49  | 79           | -  |
| Guyana                  | 83  | 83           | -  |
| Haiti                   | 56  | 52           | 34   |
| Honduras                | 81  | 95           | 54,5   |
| Hungary                 | 98  | 100          | 100  |
| Iceland                 | 100   | 100          | 100  |
| India                   | 83  | 95           | 43   |
| Indonesia               | 69  | 87           | 53,4   |
| Iran, Islamic Rep.      | 84  | 99           | 97,9   |
| Iraq                    | 50  | 97           | 95   |
| Ireland                 | -   | 100          | 100  |
| Israel                  | 100   | 100          | 100  |
| Italy                   | 100   | 100          | 100  |
| Jamaica                 | 88  | 98           | 90   |
| Japan                   | 100   | 100          | 100  |
| Jordan                  | 91  | 99           | 95   |
| Kazakhstan              | 73  | 97           | -  |
| Kenya                   | 46  | 83           | 7,9  |
| Kiribati                | 53  | 77           | -  |
| Korea, Dem People's Rep | 100   | 100          | 20   |
| Korea, Rep.             | 71  | 97           | 100  |
| Kuwait                  | -   | -            | 100  |
| Kyrgyz Republic         | 66  | 98           | -  |
| Lao PDR                 | 43  | 79           | -  |
| Latvia                  | 96  | 100          | -  |
| Lebanon                 | 100   | 100          | 95   |
| Lesotho                 | 76  | 92           | 5  |
| Liberia                 | 52  | 72           | -  |
| Libyan Arab Jamahiriya  | -   | -            | 99,8   |
| Luxembourg              | 100   | 100          | 100  |
| Madagascar              | 35  | 77           | 8  |
| Malawi                  | 68  | 98           | 5  |
| Malaysia                | 96  | 100          | 96,9   |
| Maldives                | 76  | 98           | -  |

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|                          | Population access to improved water source <sup>(1)</sup> |              | Population access to electricity <sup>(2),(3),(4)</sup><br>(%) |
|--------------------------|---|--------------|--|
|                          | Rural<br>(%)  | Urban<br>(%) |  |
| Mali                     | 36  | 78           | -  |
| Malta                    | 100   | 100          | -  |
| Marshall Islands         | 96  | 82           | -  |
| Mauritania               | 44  | 59           | -  |
| Mauritius                | 100   | 100          | 100  |
| Mexico                   | 87  | 100          | 95   |
| Micronesia, Fed. Sts.    | 94  | 95           | -  |
| Moldova                  | 88  | 97           | -  |
| Monaco                   | -   | 100          | -  |
| Mongolia                 | 30  | 87           | 90   |
| Morocco                  | 56  | 99           | 71,1   |
| Mozambique               | 26  | 72           | 7,2  |
| Myanmar                  | 77  | 80           | 5  |
| Namibia                  | 81  | 98           | 34   |
| Nepal                    | 89  | 96           | 15,4   |
| Netherlands              | 100   | 100          | 100  |
| New Zealand              | -   | 100          | 100  |
| Nicaragua                | 63  | 90           | 48   |
| Niger                    | 36  | 80           | -  |
| Nigeria                  | 31  | 67           | 40   |
| Northern Mariana Islands | 97  | 98           | -  |
| Norway                   | 100   | 100          | 100  |
| Oman                     | -   | -            | 94   |
| Pakistan                 | 89  | 96           | 52,9   |
| Palau                    | 94  | 79           | -  |
| Panama                   | 79  | 99           | 76,1   |
| Papua New Guinea         | 32  | 88           | -  |
| Paraguay                 | 68  | 99           | 74,7   |
| Peru                     | 65  | 89           | 73   |
| Philippines              | 82  | 87           | 87,4   |
| Poland                   | -   | 100          | 100  |
| Portugal                 | 100   | 100          | 100  |
| Qatar                    | 100   | 100          | 95   |
| Romania                  | 16  | 91           | -  |
| Russian Federation       | 88  | 100          | -  |
| Rwanda                   | 69  | 92           | -  |
| Samoa                    | 87  | 90           | -  |
| Sao Tome and Principe    | 73  | 89           | -  |
| Saudi Arabia             | -   | 97           | 97,7   |
| Senegal                  | 60  | 92           | 30,1   |
| Serbia and Montenegro    | 86  | 99           | -  |
| Seychelles               | 75  | 100          | -  |
| Sierra Leone             | 46  | 75           | -  |
| Singapore                | -   | 100          | 100  |
| Slovak Republic          | 99  | 100          | -  |
| Slovakia                 | -   | -            | 100  |
| Solomon Islands          | 65  | 94           | -  |
| Somalia                  | 27  | 32           | -  |
| South Africa             | 73  | 99           | 66,1   |
| Spain                    | 100   | 100          | 100  |
| Sri Lanka                | 74  | 98           | 62   |
| St. Kitts and Nevis      | 99  | 99           | -  |
| St. Lucia                | 98  | 98           | -  |

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|                                | Population access to improved water source <sup>(1)</sup> |              | Population access to electricity <sup>(2),(3),(4)</sup><br>(%) |
|--------------------------------|---|--------------|--|
|                                | Rural<br>(%)  | Urban<br>(%) |  |
| St. Vincent and the Grenadines | 93  | -            | -  |
| Sudan                          | 64  | 78           | 30   |
| Suriname                       | 73  | 98           | -  |
| Swaziland                      | 54  | 87           | -  |
| Sweden                         | 100   | 100          | 100  |
| Switzerland                    | 100   | 100          | 100  |
| Syrian Arab Republic           | 87  | 98           | 85,9   |
| Tajikistan                     | 48  | 92           | -  |
| Tanzania                       | 49  | 85           | 10,5   |
| Thailand                       | 100   | 98           | 82,1   |
| Timor-Leste                    | 56  | 77           | -  |
| Togo                           | 36  | 80           | 9  |
| Tonga                          | 100   | 100          | -  |
| Trinidad and Tobago            | 88  | 92           | 99   |
| Tunisia                        | 82  | 99           | 94,6   |
| Turkey                         | 93  | 98           | 95   |
| Turkmenistan                   | 54  | 93           | -  |
| Uganda                         | 56  | 87           | 3,7  |
| Ukraine                        | 91  | 99           | -  |
| United Arab Emirates           | 100   | 100          | 96   |
| United Kingdom                 | 100   | 100          | 100  |
| United States                  | 100   | 100          | 100  |
| Uruguay                        | 100   | 100          | 98   |
| Uzbekistan                     | 75  | 95           | -  |
| Vanuatu                        | 52  | 86           | -  |
| Venezuela                      | 70  | 85           | 94   |
| Viet Nam                       | 80  | 99           | 75,8   |
| West Bank and Gaza             | 88  | 94           | -  |
| Yemen, Rep.                    | 65  | 71           | 50   |
| Zambia                         | 40  | 90           | 12   |
| Zimbabwe                       | 72  | 98           | 39,7   |
| <b>World</b>                   | <b>75,48</b>  | <b>91,78</b> | -  |

(1) Data are for the year 2004. Based on the World Bank.

(2) Data are for the year 2000. Based on IEA, World Energy Outlook 2002.

(3) **Definition:** Access to electricity is defined as the percentage of the total population that has electrical power in their home. It includes commercially sold electricity, both on and off the grid. For those countries where access to electricity has been assessed through government surveys, it also includes self-generated electricity.

(4) **Methodology:** Basic energy statistics are collected by the IEA from a variety of sources. In OECD member countries, national administrations fill out five annual questionnaires. In non-OECD countries, statistics are collected from questionnaires, international organizations such as United Nations, co-operation with national statistical bodies, and direct communication with energy consultants and companies. If data are not available from any of these sources, they are estimated by the IEA.