

# PART V

## STATISTICAL ANNEX

### ■ General disclaimer

The designations employed and presentation of the data do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.



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# TECHNICAL NOTES

The Statistical Annex comprises 17 tables covering three broad categories: (i) demographic indicators and households data; (ii) housing and housing infrastructure indicators; and (iii) economic and social indicators. These tables are divided into three sections presenting data at the regional, country and city levels. Tables A.1 to A.3 present regional-level data grouped by selected criteria of geographic, economic and development aggregation. Tables B.1 to B.7 contain country-level data and Tables C.1 to C.7 are devoted to city-level data. Data have been compiled from various international sources, from national statistical offices and from the United Nations.

## EXPLANATION OF SYMBOLS

The following symbols have been used in presenting data throughout the Statistical Annex:

Category not applicable	..
Data not available	...
Magnitude zero	–

## COUNTRY GROUPINGS AND STATISTICAL AGGREGATES

**More developed regions:** All countries and areas of Europe and Northern America, as well as Australia, Japan and New Zealand.

**Less developed regions:** All countries and areas of Africa, Latin America, Asia (excluding Japan), and Oceania (excluding Australia and New Zealand).

**Least developed countries (LDCs):** The United Nations currently designates 49 countries as LDCs: Afghanistan, Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of the Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Kiribati, Lao People's Democratic Republic, Lesotho, Liberia, Madagascar, Malawi, Maldives, Mali, Mauritania, Mozambique, Myanmar, Nepal, Niger, Rwanda, Samoa, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands, Somalia, Sudan, Togo, Tuvalu, Uganda, United Republic of Tanzania, Vanuatu, Yemen, Zambia.

**Landlocked developing countries (LLDCs):** Afghanistan, Armenia, Azerbaijan, Bhutan, Bolivia, Botswana, Burkina Faso, Burundi, Central African Republic, Chad, Ethiopia, Kazakhstan, Kyrgyzstan, Lao People's Democratic Republic, Lesotho, Malawi, Mali, Mongolia, Nepal, Niger, Paraguay, Rwanda, Swaziland, Tajikistan, TFYR Macedonia, Turkmenistan, Uganda, Uzbekistan, Zambia, Zimbabwe.

**Small island developing states (SIDS):** Antigua and Barbuda, Aruba, Bahamas, Bahrain, Barbados, Belize, Cape Verde, Comoros, Cook Islands, Cuba, Cyprus, Dominica, Dominican Republic, Fiji, Grenada, Guinea-Bissau, Guyana, Haiti, Jamaica, Kiribati, Maldives, Malta, Marshall Islands, Mauritius, Micronesia (Federated States of), Nauru, Netherlands Antilles, Niue, Palau, Papua New Guinea, Saint Kitts and Nevis, Saint Lucia, Samoa, Sao Tome and Principe, Seychelles, Singapore, Solomon Islands, Saint Vincent and the Grenadines, Suriname, Tokelau, Tonga, Trinidad and Tobago, Tuvalu, United States Virgin Islands, Vanuatu.

## United Nations Regional Groups<sup>1</sup>

**African States:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libyan Arab Jamahiriya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Togo, Tunisia, Uganda, United Republic of Tanzania, Zambia, Zimbabwe.

**Asian States:** Afghanistan, Bahrain, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, Cyprus, Democratic People's Republic of Korea, Fiji, India, Indonesia, Iran, Iraq, Japan, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Lao People's Democratic Republic, Lebanon, Malaysia, Maldives, Marshall Islands, Micronesia (Federated States of), Mongolia, Myanmar, Nauru, Nepal, Oman, Pakistan, Palau, Papua New Guinea, Philippines, Qatar, Republic of Korea, Samoa, Saudi Arabia, Singapore, Solomon Islands, Sri Lanka, Syrian Arab Republic, Tajikistan, Thailand, Tonga, Turkmenistan, Tuvalu, United Arab Emirates, Uzbekistan, Vanuatu, Viet Nam, Yemen.

**Eastern European States:** Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Georgia, Hungary, Latvia, Lithuania, Poland, Republic of Moldova, Romania, Russian Federation, Serbia and Montenegro, Slovakia, Slovenia, TFYR Macedonia, Ukraine.

**Latin American and Caribbean States:** Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay, Venezuela.

**Western Europe and Other States:** Andorra, Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Israel, Italy, Liechtenstein, Luxembourg, Malta, Monaco, Netherlands, New Zealand, Norway, Portugal, San Marino, Spain, Sweden, Switzerland, Turkey, United Kingdom.

### United Nations Regional Commissions

**Economic Commission for Africa (UNECA):** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libyan Arab Jamahiriya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Togo, Tunisia, Uganda, United Republic of Tanzania, Zambia, Zimbabwe.

**Economic and Social Commission for Asia and the Pacific (UNESCAP):**<sup>2</sup> Afghanistan, Armenia, Australia, Azerbaijan, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, Democratic Peoples Republic of Korea, Fiji, France, Georgia, India, Indonesia, Iran, Japan, Kazakhstan, Kiribati, Kyrgyzstan, Lao People's Democratic Republic, Malaysia, Maldives, Marshall Islands, Micronesia (Federated States of), Mongolia, Myanmar, Nauru, Nepal, Netherlands, New Zealand, Pakistan, Palau, Papua New Guinea, Philippines, Republic of Korea, Russian Federation, Samoa, Singapore, Solomon Islands, Sri Lanka, Tajikistan, Thailand, Tonga, Turkey, Turkmenistan, Tuvalu, United Kingdom, United States, Uzbekistan, Vanuatu, Viet Nam.

*Associate Members:* American Samoa, Cook Islands, French Polynesia, Guam, Hong Kong SAR of China, Macao SAR of China, New Caledonia, Niue, Northern Marianas.

**Economic and Social Commission for Western Asia (UNESCWA):**<sup>3</sup> Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon, Oman, Palestine, Qatar, Saudi Arabia, Syrian Arab Republic, United Arab Emirates, Yemen.

**Economic Commission for Latin America and the Caribbean (UNECLAC):**<sup>4</sup> Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, France, Grenada, Guatemala, Guyana, Haiti, Honduras, Italy, Jamaica, Mexico, Netherlands, Nicaragua, Panama, Paraguay, Peru, Portugal, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Spain, Suriname, Trinidad and Tobago, United Kingdom, United States, Uruguay, Venezuela.

*Associate Members:* Anguilla, Aruba, British Virgin Islands, Montserrat, Netherlands Antilles, Puerto Rico, United States Virgin Islands.

**Economic Commission for Europe (ECE):**<sup>5</sup> Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, San Marino, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, TFYR Macedonia, Tajikistan, Turkey, Turkmenistan, Ukraine, United Kingdom, United States, Uzbekistan.

### Countries in the Human Development Aggregates<sup>6</sup>

**High human development (HDI 0.800 and above):**<sup>7</sup> Antigua and Barbuda, Argentina, Australia, Austria, Bahamas, Bahrain, Barbados, Belgium, Brunei Darussalam, Canada, Chile, Hong Kong SAR of China, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Kuwait, Latvia, Lithuania, Luxembourg, Malta, Netherlands, New Zealand, Norway, Poland, Portugal, Qatar, Republic of Korea, Saint Kitts and Nevis, Seychelles, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, Trinidad and Tobago, United Arab Emirates, United Kingdom, United States, Uruguay.

**Medium human development (HDI 0.500–0.799):** Albania, Algeria, Armenia, Azerbaijan, Belarus, Belize, Bolivia, Botswana, Brazil, Bulgaria, Cambodia, Cameroon, Cape Verde, China, Colombia, Comoros, Congo, Cuba, Dominica, Dominican Republic, Ecuador, Egypt, El Salvador, Equatorial Guinea, Fiji, Gabon, Georgia, Ghana, Grenada, Guatemala, Guyana, Honduras, India, Indonesia, Iran (Islamic Republic of), Jamaica, Jordan, Kazakhstan, Kenya, Kyrgyzstan, Lebanon, Lesotho, Libyan Arab Jamahiriya, Malaysia, Maldives, Mauritius, Mexico, Mongolia, Morocco, Myanmar, Namibia, Nicaragua, Oman, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Saint Vincent and the Grenadines, Samoa, Sao Tome and Principe, Saudi Arabia, Solomon Islands, South Africa, Sri Lanka, Suriname,

Swaziland, Syrian Arab Republic, Tajikistan, TFYR Macedonia, Thailand, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Vanuatu, Venezuela, Viet Nam, Zimbabwe.

**Low human development (HDI below 0.500):**<sup>8</sup> Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Lao People's Democratic Republic, Madagascar, Malawi, Mali, Mauritania, Mozambique, Nepal, Niger, Nigeria, Pakistan, Rwanda, Senegal, Sierra Leone, Sudan, Togo, Uganda, United Republic of Tanzania, Yemen, Zambia.

### Countries in the income aggregates<sup>9</sup>

**High income (GNP per capita of US\$9266 or more in 2000):** Australia, Austria, Bahamas, Barbados, Belgium, Brunei Darussalam, Canada, Hong Kong SAR of China, Cyprus, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Israel, Italy, Japan, Kuwait, Luxembourg, Malta, Netherlands, New Zealand, Norway, Portugal, Qatar, Singapore, Slovenia, Spain, Sweden, Switzerland, United Arab Emirates, United Kingdom, United States.

**Medium income (GNP per capita of US\$756-US\$9265 in 2000):** Albania, Algeria, Antigua and Barbuda, Argentina, Bahrain, Belarus, Belize, Bolivia, Botswana, Brazil, Bulgaria, Cape Verde, Chile, China, Colombia, Costa Rica, Croatia, Cuba, Czech Republic, Djibouti, Dominica, Dominican Republic, Ecuador, Egypt, El Salvador, Equatorial Guinea, Estonia, Fiji, Gabon, Grenada, Guatemala, Guyana, Honduras, Hungary, Iran (Islamic Republic of), Jamaica, Jordan, Kazakhstan, Latvia, Lebanon, Libyan Arab Jamahiriya, Lithuania, Malaysia, Maldives, Mauritius, Mexico, Morocco, Namibia, Oman, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Republic of Korea, Romania, Russian Federation, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Samoa, Saudi Arabia, Seychelles, Slovakia, South Africa, Sri Lanka, Suriname, Swaziland, Syrian Arab Republic, TFYR Macedonia, Thailand, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uruguay, Vanuatu, Venezuela.

**Low income (GNP per capita of US\$755 or less in 2000):** Angola, Armenia, Azerbaijan, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Eritrea, Ethiopia, Gambia, Georgia, Ghana, Guinea, Guinea-Bissau, Haiti, India, Indonesia, Kenya, Kyrgyzstan, Lao People's Democratic Republic, Lesotho, Madagascar, Malawi, Mali, Mauritania, Mongolia, Mozambique, Myanmar, Nepal, Nicaragua, Niger, Nigeria, Pakistan, Republic of Moldova, Rwanda, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands, Sudan, Tajikistan, Togo, Uganda, Ukraine, United Republic of Tanzania, Uzbekistan, Viet Nam, Yemen, Zambia, Zimbabwe.

## Regional aggregates for Millennium Development Goal (MDG) indicators

At the December 2001 and March and April 2002 expert groups on Millennium Development Goal (MDG) indicators, the appropriate country and area classification for regional aggregates was discussed. It was agreed and affirmed that regional aggregates of agencies' series would conform as much as possible to the United Nations Statistics Division (UNSD)/Population Division (PD) classification in the UNSD 'M/49' code book. Many agencies followed this plan in preparing their series for use in the Secretary-General's first monitoring report (A/57/270); but in a few cases the data were too complex and there was insufficient time to do the recalculations with confidence.

UNSD requested that those regional estimates not originally submitted according to the UNSD/PD classification be recalculated for this purpose. This will enable UNSD to provide regional estimates on its MDG indicators' site according to a comparable classification. The importance of this harmonization is twofold: firstly, to avoid confusing the user with varying classifications that are difficult to compare, and, secondly, and very substantively, to allow for inter-regional comparisons of regional aggregates. The UNSD Regional Classification provides the list of regions and sub-regions, as well as of countries included in each of them.

### United Nations Statistics Division (UNSD) regional classification

#### Developed regions

**Europe:** Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Channel Islands, Croatia, Czech Republic, Denmark, Estonia, Faeroe Islands, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Isle of Man, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, San Marino, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, TFYR Macedonia, Ukraine, United Kingdom.

**Other:** Canada, United States, Australia, New Zealand, Japan.

#### Developing regions

**Northern Africa:** Algeria, Egypt, Libyan Arab Jamahiriya, Morocco, Tunisia, Western Sahara.

**Sub-Saharan Africa:** Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Togo, Uganda, United Republic of Tanzania, Zambia, Zimbabwe.



**Latin America and the Caribbean:** Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Brazil, British Virgin Islands, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, St Vincent and the Grenadines, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Uruguay, United States Virgin Islands, Venezuela.

**Eastern Asia:** China, Hong Kong SAR of China, Macao SAR of China, Democratic People's Republic of Korea, Republic of Korea, Mongolia.

**South-central Asia:** Afghanistan, Bangladesh, Bhutan, India, Iran (Islamic Republic of), Kazakhstan, Kyrgyzstan, Maldives, Nepal, Pakistan, Sri Lanka, Tajikistan, Turkmenistan, Uzbekistan.

**Southeast Asia:** Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar, Philippines, Singapore, Thailand, Timor-Leste, Viet Nam.

**Western Asia:** Armenia, Azerbaijan, Bahrain, Cyprus, Georgia, Iraq, Israel, Jordan, Kuwait, Lebanon, Occupied Palestinian Territory, Oman, Qatar, Saudi Arabia, Syrian Arab Republic, Turkey, United Arab Emirates, Yemen.

**Oceania:** American Samoa, Cook Island, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Micronesia (Federated States of), Nauru, Niue, New Caledonia, Northern Mariana Islands, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu.

## NOMENCLATURE AND ORDER OF PRESENTATION

Tables A.1 to A.3 contain regional, income and development aggregates data. Tables B.1 to B.7 and C.1 to C.6 contain national- and city-level data, respectively. In these tables, the countries or areas are listed in English alphabetical order within the macro-regions of Africa, Asia, Europe, Latin America, Northern America and Oceania. Countries or area names are presented in the form commonly used within the United Nations Secretariat for statistical purposes. Due to space limitations, the short name is used – for example, the United Kingdom of Great Britain and Northern Ireland is referred to as 'United Kingdom', the United States of America as 'United States'.

## DEFINITION OF STATISTICAL TERMS

**Access to improved drinking water supply:** 'Improved' water supply technologies are household connection, public standpipe, borehole, protected dug well, protected spring, rainwater collection. Availability of at least 20 litres per person per day from a source within 1 kilometre of the user's dwelling. 'Not improved' are unprotected well, unprotected spring, vendor-provided water, bottled water (based on concerns about the quantity of supplied water, not concerns over the quality of water), tanker truck-provided water.

**Access to improved sanitation:** 'Improved' sanitation technologies are connection to a public sewer, connection to septic system, pour-flush latrine, simple pit latrine, ventilated improved pit latrine. The excreta disposal system is considered adequate if it is private or shared (but not public) and if it hygienically separates human excreta from human contact. 'Not improved' are service or bucket latrines (where excreta are manually removed), public latrines, latrines with an open pit.

**Access to water:** Percentage of households with access to water. Access is defined as having water located within 200 metres of the dwelling. It refers to housing units where the piped water is available within the unit and to those where it is not available to occupants within their housing unit, but is accessible within the range of 200 metres. This assumes that access to piped water within that distance allows occupants to provide water for household needs without being subjected to extreme effort.

**Adult illiteracy rate:** Percentage of people aged 15 and over who cannot, with understanding, read and write a short, simple statement about their everyday life.

**Civil society involvement or Citizen participation in major planning decisions:** Based on responses (yes/no) to the following questions. Do cities involve the civil society in a formal participatory process prior to new major roads and highway proposals (A)?; alteration in zoning (B)?; and major public projects (C)?

**Commercial energy production:** Commercial forms of primary energy – petroleum (crude oil, natural gas liquids and oil from non-conventional sources); natural gas; solid fuels (coal, lignite and other derived fuels); and primary electricity, all converted into oil equivalents.

**Commercial energy use:** Apparent consumption, which is equal to indigenous production plus imports and stock changes, minus exports and fuels supplied to ships and aircraft engaged in international transport.

**Conventional dwelling:** A room or suite of rooms and its accessories in a permanent building or structurally separated part thereof that, by the way it has been built, rebuilt or

converted, is intended for habitation by one household and is not, at the time of the enumeration, used wholly for other purposes. It should have a separate access to a street (direct or via a garden or grounds) or to a common space within the building (staircase, passage, gallery and so on). Examples of dwellings are houses, flats, suites of rooms, apartments. Therefore, the essential elements of a conventional dwelling are (i) a room or suite of rooms; (ii) located in a permanent building; (iii) with separate access to a street or to a common space; (iv) intended to be occupied by one household, equipped with the following facilities within dwelling: (v) kitchen or other space for cooking, (vi) fixed bath or shower, (vii) toilet and (viii) piped water. *Basic dwelling*: A housing unit that has some but not all of the essential facilities of a conventional dwelling. It is a permanent structure or a part of a permanent structure. Hence, it may be a room or a suite of rooms in a permanent building; but it is without some of the conventional dwelling facilities, such as kitchen, fixed bath or shower, piped water or toilet. In a number of countries or areas, a certain proportion of the housing inventory comprises such housing units, which possess some but not all of the characteristics of conventional dwellings. Therefore, basic dwellings are more or less conventional from the point of view of permanency of structure, but lack some of the housing facilities identified as essential (the four types being cooking facilities, bathing facilities, piped water and toilet). *Temporary housing unit*: A structure that, by the way in which it has been built, is not expected to maintain its durability for as long a period of time as (but has some of the facilities of) a conventional dwelling. This category also refers to a traditional and typical type of housing unit that does not have all of the characteristics of conventional or basic dwellings, but is considered somewhat suitable from the point of view of climate and tradition. This is especially the case in many tropical and subtropical rural areas where housing units have been constructed or built with locally available raw materials, such as bamboo, palm, straw or any similar materials. Such units often have mud walls, thatched roofs and so forth, and may be expected to last only for a limited time (from a few months to ten years), although occasionally they may last for longer periods. *Marginal housing unit*: A unit that does not have many of the features of a conventional dwelling and is generally characterized as unfit for human habitation, but that is used for the purpose of habitation. Therefore, it is neither a permanent structure nor one equipped with any of the essential facilities. These units are characterized by the fact that they are either makeshift shelters constructed of waste materials and generally considered unfit for habitation (for example, squatters' huts) or places that are not intended for human habitation although in use for that purpose (barns, warehouses, natural shelters and so on). Under almost all circumstances, such places of abode represent unacceptable housing. *Collective living quarters*: Include structurally separate and independent places of abode intended for habitation by large groups of individuals or several households and occupied at the time of the census. Such quarters usually have certain common facilities, such as

cooking and toilet installations, baths, lounge rooms or dormitories, which are shared by the occupants. They may be further classified into hotels, rooming houses and other lodging houses, institutions and camps.

**Decentralization**: Based on responses (all/some) to the following questions. Can the local government, without permission from higher governments set local tax levels (for example, property tax) (A)? Set user charges for services (B)?

**Disaster prevention and mitigation instruments**: Based on responses (yes/no) to the following questions. In the city, are there building codes (A)? Hazard mapping (B)? Natural disaster insurance for public and private buildings (C)? Building codes includes anti-cyclonic and anti-seismic building standards. They should be based on hazard and vulnerability assessment. Hazard mapping is a simple and effective way of ensuring that hazard maps are recorded and updated on a regular basis. The maps shall cover the entire city and its boundaries, be available to the public and be as recent as possible (less than five years' old).

**Gross capital formation**: Consists of outlays on additions to the fixed assets of the economy plus net changes in the level of inventories. Fixed assets include land improvements (for example, fences, ditches, drains), plant, machinery and equipment purchases, and the construction of roads, railways and the like, including schools, offices, hospitals, private residential dwellings, and commercial and industrial buildings. Inventories are stocks of goods held by firms to meet temporary or unexpected fluctuations in production or sales, and 'work in progress'. According to the 1993 System of National Accounts (SNA), net acquisitions of valuables are also considered capital formation.

**Gross domestic product (GDP)**: At purchaser prices, this is the sum of the gross value added by all resident producers in the economy plus any product taxes, minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. *GDP per capita*: GDP divided by the mid-year population. Growth is calculated from constant price GDP data in local currency.

**Gross school enrolment ratio**: Number of students, by sex, enrolled in a level of education whether or not they belong in the relevant age group for that level, as a percentage of the population in the relevant group for that level.

**Household**: Estimations and projections prepared by UN-Habitat. Household statistics were collected through the Human Settlements Statistical Questionnaires. The concept of household is based on the arrangements made by persons, individually or in groups, for providing themselves with food or other essentials for living. A household may be either:

- 1 A one-person household – that is to say, a person who makes provision for his or her own food or other essentials for living without combining with any other person to form a part of a multiperson household; or
- 2 A multiperson household – that is to say, a group of two or more persons living together who make common provision for food or other essentials for living. The persons in the group may pool their incomes and may, to a greater or lesser extent, have a common budget; they may be related or unrelated persons or constitute a combination of persons both related and unrelated. This concept of household is known as the ‘housekeeping’ concept. It does not assume that the number of households and housing units is equal. Although the concept of housing unit implies that it is a space occupied by one household, it may also be occupied by more than one household or by a part of a household (for example, two nuclear households that share one housing unit for economic reasons or one household in a polygamous society routinely occupying two or more housing units).

**Household connections:** Percentage of households that, within their housing unit, are connected to piped water (A), sewerage (B), electricity (C) and telephone (D).

**Household final consumption expenditure:** The market value of all goods and services, including durable products (such as cars, washing machines and home computers), purchased by households. It excludes purchases of dwellings but includes imputed rent for owner-occupied dwellings. It also includes payments and fees to governments to obtain permits and licences. Here, household consumption expenditure includes the expenditures of non-profit institutions serving households, even when reported separately by the country. In practice, household consumption expenditure may include any statistical discrepancy in the use of resources relative to the supply of resources.

**Household projection methods:** Determined by availability and reliability of data. The five types of projection approaches followed by the lists of countries, for which the respective approach has been applied, are:

- 1 *Total headship rate-based projection:* Albania, Algeria, Austria, Bangladesh, Belarus, Benin, Bolivia, Botswana, Brazil, Brunei Darussalam, Bulgaria, Burkina Faso, Cambodia, Cape Verde, China Macau SAR, Colombia, Cyprus, Denmark, Dominican Republic, Ecuador, Estonia, Fiji, Finland, France, French Polynesia, Gambia, Georgia, Germany, Greece, Guatemala, Haiti, Honduras, Hungary, Ireland, Italy, India, Indonesia, Iraq, Japan, Jamaica, Kazakhstan, Kenya, Kuwait, Latvia, Lesotho, Libyan Arab Jamahiriya, Lithuania, Luxembourg, Malaysia, Maldives, Malta, Madagascar, Malawi, Mali, Mauritius, Mexico, Netherlands, New Caledonia, Nicaragua, Niger, Pakistan, Poland, Paraguay, Peru,

Portugal, Republic of Korea, Rwanda, Singapore, Solomon Islands, South Africa, Spain, Sudan, Switzerland, Thailand, Tunisia, Turkey, Venezuela, Viet Nam, United Republic of Tanzania, United States, Yemen, Zambia and Zimbabwe.

- 2 *Headship size rate-based projection:* Armenia, Argentina, Australia, Azerbaijan, Bahamas, Bahrain, Barbados, Belgium, Belize, Burundi, Canada, Central African Republic, Chile, Congo, Costa Rica, El Salvador, Egypt, Guadeloupe, Guam, Guyana, Iran (Islamic Republic of), Israel, Jordan, Kyrgyzstan, Liberia, Martinique, Morocco, Netherlands Antilles, Nepal, New Zealand, Norway, Panama, Philippines, Puerto Rico, Republic of Moldova, Réunion, Romania, Russian Federation, Serbia and Montenegro, Samoa, Sweden, Syrian Arab Republic, Tajikistan, Trinidad and Tobago, Turkmenistan, Vanuatu, Ukraine, United Kingdom, Uruguay and Uzbekistan.
- 3 *Estimation on country level not possible:* Afghanistan, Angola, Bosnia and Herzegovina, Democratic People’s Republic of Korea, Lebanon, Occupied Palestinian Territory, Sierra Leone, Timor-Leste and Western Sahara.
- 4 *Estimation on the basis of one data point:* Cameroon, Comoros, Côte d’Ivoire, Croatia, Czech Republic, Democratic Republic of the Congo, Eritrea, Ethiopia, Gabon, Ghana, Guinea, Guinea-Bissau, Iceland, Mauritania, Mongolia, Mozambique, Myanmar, Namibia, Nigeria, Oman, Papua New Guinea, Qatar, Senegal, TFYR Macedonia, Slovakia, Slovenia, Suriname, Togo, Uganda and United Arab Emirates.
- 5 *Estimation with no data point:* Bhutan, Chad, Djibouti, Equatorial Guinea, Lao People’s Democratic Republic, Saudi Arabia, Somalia and Swaziland.

The following countries or areas are not included in the total number of households calculated for regions and other aggregates: American Samoa, Andorra, Anguilla, Antigua and Barbuda, Aruba, Bermuda, British Virgin Islands, Cayman Islands, Channel Islands, Cook Islands, Dominica, Faeroe Islands, Falklands, French Guiana, Gibraltar, Greenland, Grenada, Holy See, Isle of Man, Liechtenstein, Marshall Islands, Micronesia (Federated States of), Monaco, Montserrat, Nauru, Northern Mariana Islands, Palau, Pitcairn, Seychelles, Sao Tome and Principe, Saint Helena, Saint Kitts and Nevis, Saint Lucia, Saint Pierre and Miquelon, Saint Vincent, San Marino, Tokelau, Tonga, Tuvalu, Turks and Caicos Islands, United States Virgin Islands, Wallis and Futuna Islands.

For the following countries the estimates are extremely rough and cannot be interpreted on their own; they have only been calculated for completeness reasons on the aggregate (regional and global) level: Afghanistan, Angola, Bosnia and Herzegovina, Democratic People’s Republic of Korea, Lebanon, Occupied Palestinian Territory, Sierra Leone, Timor-Leste and Western Sahara.

**Housing price-to-income ratio:** Ratio of the median free-market price of a dwelling unit and the median annual



household income. *Rent-to-income ratio*: Ratio of the median annual rent of a dwelling unit and the median annual household income of renters.

**Housing rights:** Based on responses (yes/no) to the following questions. Does the constitution or national law promote the full and progressive realization of the right to adequate housing (A)? Does it include protections against eviction (B)?

**Impediments to women:** Based on responses (considerable/some/none) to the following questions. Are there impediments to women owning land (A)? Are there impediments to women inheriting land and housing (B)? Are there impediments to women taking mortgages in their own name (C)?

**Labour force:** Total labour force comprises people who meet the International Labour Organization (ILO) definition of the economically active population – all people who supply labour for the production of goods and services during a specified period. It includes both the employed and unemployed. While national practices vary in the treatment of such groups as the armed forces and seasonal or part-time workers, the labour force generally includes the armed forces, the unemployed and first-time job-seekers, but excludes homemakers and other unpaid caregivers and workers in the informal sector.

**Level of urbanization:** Percentage of the population residing in places classified as urban. Urban and rural settlements are defined in the national context and vary among countries (the definitions of urban are generally national definitions incorporated within the latest census).

**Life expectancy at birth:** Number of years a newborn infant would live if prevailing patterns of mortality at the time of birth were to stay the same throughout the child's life.

**Literacy rate:** Percentage of people aged 15 and above who can, with understanding, both read and write a short, simple statement on their everyday life.

**Local environmental planning:** Based on responses (yes/no) to the following questions. Has the city established a long-term strategic planning initiative for sustainable development, involving key partners (A)? Is this process institutionalized and/or has there been any legislative change to support cities to engage in sustainable development planning processes (B)? Is the city implementing local environmental action plans involving key partners (C)?

**Local government revenue and expenditures:** Total annual *local government revenue* from all sources in US dollars, both capital and recurrent, divided by population (three-year average) and capital expenditure in US dollars per person, by all local governments in the metropolitan area, averaged over the last three years. *Per capita*

*expenditures* include both fixed capital and plant as per the capital account.

Motor vehicles: Include cars, buses, and freight vehicles but not two-wheelers. Population figures refer to the mid-year population during the year for which data are available.

**Ownership:** *Owner*: A household that owns the living quarters it occupies, whether used wholly or partly for own occupation by the owner. This may include living quarters being purchased in installments or mortgaged, according to national legal systems and practice. Other arrangements, such as living quarters in co-operatives and housing associations, may also be included, depending upon national practices. *Tenant in publicly owned housing unit*: A household residing in a housing unit it does not own, but is owned by a public institution (disregarding whether or not the institution is sponsored by central or local government). These institutions may be co-operatives, housing associations or government agencies. *Tenant in privately owned housing unit*: A household residing in a housing unit that it does not own, but is owned by the private sector. This includes households renting a housing unit from individuals – for example, a landlord – or units owned by a private corporation.

**Persons in housing units:** Number of persons resident in housing units. *Persons per room*: Figures are derived by dividing the number of occupants by the number of rooms in a given housing unit. The number of rooms is obtained by multiplying the number of units by the number of rooms in the unit. The calculations were done by the Secretariat.

**Poor households:** Percentage of women and men-headed households situated below the locally defined poverty line. The poverty line is usually an 'absolute' poverty line, taken as the income necessary to afford a minimum nutritionally adequate diet, plus essential non-food requirements, for a household of a given size.

**Population, total:** Mid-year population estimates for the world, region, countries or areas. The Population Division of the United Nations Department of Economic and Social Affairs updates, every two years, population estimates and projections by incorporating new data, new estimates and new analysis of data on population, fertility, mortality and international migration. Data from new population censuses and/or demographic surveys are used to verify and update old estimates of population or demographic indicators, or to make new ones and to check the validity of the assumptions made in the projections. Total population refers to the estimates and projections (medium variant) of the total population for each country region and major area. *Annual growth rate*, calculated by UN-Habitat, refers to the average annual percentage change of population (r) during the indicated period (t) for each country, major regions and global totals. The formula used throughout the Annex is as follows:  $r = [(1/t) \times \ln(A2/A1)] \times 100$ , where 'A1' is a value at any given year; 'A2' is a value at any given year later than

the year of 'A1'; 't' is the year interval between 'A1' and 'A2'; and 'ln' is the natural logarithm function.

**Population, urban and rural:** Mid-year estimates and projections (medium variant) of the population residing in human settlements classified as urban or rural.

**Poverty definitions:** *National poverty rate:* Percentage of the population living below the national poverty line. National estimates are based on population-weighted subgroup estimates from household surveys. Survey year is the year in which the underlying data were collected. *Population below US\$1 a day* and *Population below US\$2 a day:* Percentages of the population living on less than US\$1.08 a day and US\$2.15 a day at 1993 international prices (equivalent to US\$1 and US\$2 in 1985 prices, adjusted for purchasing power parity). Poverty rates are comparable across countries, but as result of revisions in purchasing power parity (PPP) exchange rates, they cannot be compared with poverty rates reported in previous editions for individual countries.

**PPP (purchasing power parity) gross national income:** Gross national income (GNI) converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GNI as a US dollar has in the United States.

**Refugees, asylum-seekers and others concern:** Data are provided by governments based on their own definitions and methods of collection. Total asylum-seekers, refugees and others of concern to the United Nations High Commissioner for Refugees (UNHCR) include the following. *Refugees:* Persons recognized as refugees under the international conventions, in accordance with the UNHCR Statute; persons allowed to stay on humanitarian grounds and those granted temporary protection. *Asylum-seekers:* Persons whose application for refugee status is pending in the asylum procedure or who are otherwise registered as asylum-seekers. The total number of asylum-seekers is underestimated, due to a lack of data from a number of countries. *Returned refugees:* Refugees who have returned to their country of origin during the year. *Internally displaced persons (IDPs):* Persons who are displaced within their country and to whom UNHCR extends protection or assistance, generally pursuant to a special request by a competent organ of the United Nations. *Returned IDPs:* IDPs of concern to UNHCR who have returned to their place of origin during the year.

**Roads:** Motorways, highways, main or national roads, and secondary or regional roads. A motorway is a road specially designed and built for motor vehicles that separates the traffic flowing in opposite directions. *Total road network:* Includes motorways, highways and main or national roads, secondary or regional roads, and all other roads in a country. *Paved roads:* Roads surfaced with crushed stone (macadam) and hydrocarbon binder or bitumized agents, with concrete, or with cobblestones, as a percentage of all of the country's roads measured in length.

**Solid waste disposal:** Percentage of solid waste disposed: to sanitary landfill (A), incinerated (B), disposed to open dump (C), recycled (D), burned openly (E), other (F).

**Squatter household:** A household that built a structure it occupies on land on which it does not have a title. Squatter settlements are usually built on the fringes of large cities, without a predetermined plan and without any legal validation. Most of the structures of these settlements usually fall into the category of 'marginal housing unit', although they may also consist of more solid structures.

**Toilet inside housing unit:** An installation, either flush or non-flush located within walls that constitute a housing unit. *Toilet outside unit:* Units where either a flush or a non-flush toilet is available to occupants, but is located outside of the housing unit walls. *Flush toilet:* An installation provided with piped water that permits humans to discharge their wastes and from which the wastes are flushed by water. A non-flush toilet is not equipped with piped water.

**Traditional fuel use:** Includes estimates of the consumption of fuel-wood, charcoal, bagasse, and animal and vegetable wastes. *Total energy use:* Commercial energy use and traditional fuel use.

**Transparency and accountability:** Based on responses (yes/no) to the following questions at the city level. Is there regular independent auditing of municipal accounts (A)? Published contracts and tenders for municipal services (B)? Sanctions against faults of civil servants (C)? Laws on disclosure of potential conflicts of interest (D)?

**Transport used for work trips:** Percentage of work trips undertaken by private car (A); train, tram or ferry (B); bus or minibus (C); other (motorcycle, bicycle and other non-motorized modes) (D). When several modes of transport are used for a given trip, the principal mode is selected.

**Travel time:** Average time in minutes for a one-way work trip. This is an average over all modes of transport.

**Type of living quarters:** Living quarters are structurally separate and independent places of abode. They may (i) have been constructed, built, converted or arranged for human habitation provided that they are not used wholly for other purposes and that, in the case of improvised housing units and collective living quarters, they are occupied at the time of the enumeration; or (ii) although not intended for habitation, actually be in use for such a purpose. Living quarters are either housing units or collective living quarters. *Housing unit:* A separate and independent place of abode intended for habitation by a single household, or one not intended for habitation but occupied as living quarters by a household at the time of the enumeration. It may be an occupied or vacant dwelling, an occupied mobile or improvised housing unit or any other place occupied as living quarters by a household at the time of the census. This category includes housing of various levels of permanency and acceptability.

**Value added:** The net output of an industry after adding up all outputs and subtracting intermediate inputs. The industrial origin of value added is determined by the International Standard Industrial Classification (ISIC) revision 3. Agriculture includes forestry and fishing. Industry comprises mining, manufacturing (also reported as a separate subgroup), construction, electricity, water, and gas. Manufacturing refers to industries. Services sector is derived as a residual (from GDP, less agriculture and industry) and may not properly reflect the sum of service output, including banking and financial services.

**Under-five mortality:** Percentage of female children and male children who die before reaching their fifth birthday. Child mortality = (number of deaths for children below five years of age during the year)/(average number of live births during the last five years).

**Urban agglomeration:** The contours of contiguous territory without regard to administrative boundaries. It comprises the city or town proper and also the suburban fringe lying outside of, but adjacent to, the city boundaries. Table B.1 contains revised estimates and projections for all urban agglomerations comprising 750,000 or more inhabitants in the year 2000. *Annual growth rate:* Average annual percentage change of population during the indicated period for each country's major regions and global totals.

**Wastewater treated:** Percentage of all wastewater undergoing some form of treatment.

**Water consumption:** Average consumption of water in litres per day per person, for all domestic uses (excludes industrial use) in settlements. Data in Table C.4 column 'A' refer to the city average, while column 'B' data refer to water consumption in informal settlements.

**Water price, median:** Median price paid per 1000 litres of water in US dollars, at the time of year when water is most expensive.

**Water supply system:** 'Housing units with piped water inside the housing unit' refers to the existence of water pipes within the walls that constitute a housing unit. Water can be piped from the community source – that is, one that is subject to inspection and control by public authorities. Water can be also piped into the unit from a private source, such as a pressure tank, a pump or some other installation. The category 'piped water outside unit, but within 200 metres' refers to units where the piped water is not available to occupants within the unit they reside in, but is accessible within the range of 200 metres, assuming that access to piped water within that distance allows occupants to provide water for household needs without being subjected to

extreme effort. 'Other' refers to units that do not have access to piped water at all, whose occupants depend upon springs or wells, or to units where piped water is located beyond 200 metres.

**Women-headed household:** Households headed by women. In identifying the members of a household, a common approach is to identify, first, the household head or reference person and then the remaining members of the household according to their relationship to the head or reference person. The head of household is defined as that person in the household who is acknowledged as such by other members. However, it is recognized that national practices in identifying household headship vary significantly on the basis of customs and cultural traditions.

## SOURCES OF DATA

The Statistical Data Tables have been compiled from the following UN-Habitat databases: Human Settlements Statistics Database, Global Urban Observatory (GUO) Database, CitiBase and Habitat's Household Projections Project.

Various statistical publications from the United Nations and other international organizations have been used as well. Notable among them are International Energy Agency (IEA), *Energy Balances of OECD Countries*, Paris, various years. ILO (2003) *Economically Active Population Estimates and Projections: 1950–2010*, 4th edition, Geneva. International Road Federation (IRF) (2001) *World Road Statistics 2001*, Geneva. Organisation for Economic Co-operation and Development (OECD) *International Development Statistics*, CD-ROM, various years, Paris. United Nations (2001) *Compendium of Human Settlements Statistics 2001* (United Nations publication sales No E01.XVII5), New York. United Nations (2001) *World Urbanization Prospects: The 2001 revision*. United Nations Educational, Scientific and Cultural Organization (UNESCO) (2002), *Estimated Illiteracy Rate and Illiterate Population Aged 15 Years and Older, by Country, 1970–2015: July 2002 Assessment*. Institute for Statistics (UIS), Montreal. UNHCR (2002) *Statistical Yearbook 2001*, Geneva. United Nations Human Settlements Programme (UN-Habitat) (2002) *Global Urban Indicators Database 2*. UNSD (2002) *Energy Statistics Yearbook 2002*, New York. UNSD *National Accounts Statistics: Main Aggregates and Detailed Tables*, parts 1 and 2, various years, New York. World Bank (2002) *World Development Indicators, 2002*. World Health Organization (WHO) and United Nations Children's Fund (UNICEF), Water Supply and Sanitation Collaborative Council (2000) *Global Water Supply and Sanitation Assessment, 2000 Report*, Geneva and New York. World Resources Institute (2000) *World Resources 2000–2001*, Washington, DC.

## NOTES

- I All members of the General Assembly arranged in Regional Groups. According to the *United Nations Handbook 2002*, this grouping is unofficial and has been developed to take account of the purposes of General Assembly Resolution 1991 (XVIII) (1963), 33/138 (1978) and 2847 (XXVI) (1971). The US is not a member of any regional group, but attends meetings of the Western European and Other States Group (WEOG) as an observer and is considered to be a member of that group for electoral purposes. Turkey participates fully in both the Asian and WEOG groups, but for electoral purposes is considered a member of WEOG only. Israel became a full member of WEOG on a temporary basis on 28 May 2000. As of 31 May 2002, Estonia and Kiribati were not members of any regional group. In addition to Member States, there is also a non-Member State, the Holy See, that has observer status in the United Nations. By General Assembly Resolution 52/250 (1998), the General Assembly conferred upon Palestine, in its capacity as observer, additional rights and privileges of participation. These included, *inter alia*, the right to participation in the general debate of the General Assembly, but did not include the right to vote or to put forward candidates.
- 2 UNESCAP has 52 Member States and 9 Associate Members.
- 3 The members of UNESCWA consist of Member States of the United Nations situated in Western Asia. There are 13 members.
- 4 UNECLAC has 41 Member States and 7 Associate Members.
- 5 The UNECE is composed of the European Members of the United Nations and US, Canada, Israel and the Central Asian and Caucasian Republics of the former USSR. The Holy See, which is not a member of the United Nations, participates in UNECE activities in a consultative capacity. Provision is also made for participation by representatives of other Member States of the United Nations inter-governmental and non-governmental organizations (NGOs) in activities of concern to them.
- 6 As classified by the United Nations Development Programme (UNDP); see *Human Development Reports* for detail.
- 7 53 countries or areas.
- 8 36 countries or areas.
- 9 As classified by the World Bank; see *World Development Reports* for detail.



# METHODOLOGICAL NOTES

## SLUM DWELLER ESTIMATIONS AT THE GLOBAL AND REGIONAL LEVELS

The Millennium Declaration has outlined detailed development goals that were further elaborated in the 'Road Map towards the Implementation of the United Nations Millennium Declaration'. The Road Map contains 8 goals, 18 targets and 48 indicators. Millennium Development Goal 7, Target 11 (MDG T 11) is: 'By 2020, to have achieved a significant improvement in the lives of 100 million slum dwellers'. Reporting on the MDG T 11 requires a global and regional estimation of the number of slum dwellers. Similar country estimates are required as part of the country-level MDG reports.

This report presents the first attempt to monitor the MDG T 11. This exercise uses currently available data to monitor the target. These data were not designed or collected with the objective of monitoring the MDG T 11. Accordingly, there is added uncertainty in the results provided. The ability to monitor progress – or the lack of progress – in reaching the target is no better than the quality of the data. It is therefore important to understand whether the data are of sufficient quality to meet policy needs. Before turning to the indicators used to track the MDG T 11, some of the properties of indicators are examined. The key properties in the context of the MDG indicators are:

- Is the indicator conceptually the right measure of the target?
- Are the data available?
- Are the data accurate?
- Is the coverage of the indicator sufficient for global and regional estimates?
- Are the available data consistent over time?

Departing from these questions, for each MDG target one or more indicators were specified.<sup>1</sup> The indicators identified to monitor MDG T 11 are Indicator 31, Proportion of urban population with access to improved sanitation; and Indicator 32, Proportion of households with access to secure tenure.<sup>2</sup> It was noted, in general, that 'the indicator might not capture the whole spectrum of a target, but only one or few aspects. This is caused by the difficulty of using one number to express a complex phenomenon and/or the difficulty of

reaching agreement on a definition of multidimensional concerns, such as poverty' or slum dwelling.<sup>3</sup>

Research on estimating the number of slum dwellers started with an attempt to measure the phenomenon of 'secure tenure'. Secure tenure is the concept of 'protection from involuntary removal from land or residence except through due legal process'. *The indicator should be a proxy for the concern expressed in the target.* The MDG T 11 is to improve the lives of 100 million slum dwellers; therefore, the indicator should relate directly to that objective. Insecure tenure is commonly associated with being a slum dweller. However, the lack of data based on a specific and operational definition of secure tenure made direct estimation from the indicator impossible.<sup>4</sup> Initial efforts attempted unsuccessfully to use tenure status data (owner, renter and squatter) as a proxy measure. It was proposed that the attribute of secure tenure would be demonstrated in household behaviour. The proposition was that households with secure tenure could be measured by a proxy index that included information about the dwelling structure, access to urban infrastructure and legality of the residence. The strategy, then, was to combine several measurements for which data were available into a 'secure tenure index' and then to use this composite index to estimate the number of slum dwellers.

### Foundations of the Secure Tenure Index

The Secure Tenure Index is a summary measure of the manifestation of security of tenure in cities. It hypothesizes the physical result of security of tenure in the city. Where secure tenure exists, there will be comparatively more dwelling unit assets and amenities. The characteristic variables for the Secure Tenure Index include the following:<sup>5</sup>

- Proportion of households with access to water (within 200 metres).
- Proportion of permanent structures in the housing stock.
- Proportion of housing that is in compliance with local regulations.
- Proportion of households connected to a sewer.
- Proportion of households connected to electricity.

The Urban Indicators Programme provided a source of data for the estimation. During 1995 to 1996, data were collected for the base year 1993 (*Global Urban Indicators Database* (GUID) 1993) from 237 cities. During 2000 to

Variable in the PCA	Correlation coefficient
Proportion of permanent structures	.835
Proportion of structures in compliance	.829
Proportion of households with access to water	.819
Proportion of households with sewer connection	.757
Proportion of households with electricity connection	.743

**Table 11.1**  
**Component loadings**

2001, data were collected for the base year 1998 (GUID 1998) from 232 cities.<sup>6</sup> The data are city summary data and the unit of analysis is the city. The Urban Indicators Programme intends to collect similar data at approximately five-year intervals and will contain data that are suitable for global and regional estimates, thus meeting the criteria for monitoring the MDG T 11.<sup>7</sup>

In addition to the above data sets, numerous local studies of cities and slums have been used to verify estimates made at the city level. These data were used to illustrate and confirm the findings of the secure tenure-based proxy estimates of slum dwellers and, in some cases, to update the data in the Urban Indicators Database. The Urban Indicators data were first reviewed and improved to compensate for non-response and missing data. The sources of the secondary data and a detailed examination of the methodology referred to here are found in an earlier report.<sup>8</sup>

The data from the 1993 Urban Indicators and the 1998 Urban Indicators cities were not collected from a probability sample of cities and were not intended to be used for global or regional estimates of the urban condition. However, adjustments could be made to the data so that these estimates could be made. The adjustments necessary would correct the distributions of the reporting cities to reflect the true underlying distribution of cities by size and region. This required the introduction of a weighting factor calculated from a global list of cities that represented the statistical universe of all cities. The weighting factors considered the global distribution of cities by size and major regional areas. The distribution of cities from the Urban Indicators Programme was compared with the distribution of cities from the global list of cities. Weighting factors were then calculated for each major region and size in order to permit initial estimates of the global situation.<sup>9</sup>

### The Principal Components Analysis (PCA) for the Secure Tenure Index

Principal Components Analysis (PCA) is a multivariate statistical procedure commonly used in the development of an index. A PCA solution reduces the contributing variables (the five variables noted above) into sets of variables that are highly correlated with one another, but unrelated to other sets of correlated variables. The PCA 'extracts' these sets of variables by examining the correlation matrix of all the variables. Those variables that are highly correlated are said to form a Principal Component. The adequacy of the PCA solution can be measured by several standard statistical tests. Tests performed on the PCA suggested that the use of PCA to form an index was justified.

PCA confirms that the variables identified as components of the hypothesized secure tenure were related and together form a common component or index. PCA simplifies a complex phenomenon represented by many variables into (a) parsimonious component(s) that well represents all of the contributing characteristics to the phenomenon. The five characteristic variables measured the same underlying phenomenon. The result was that a single component was formed that explains the underlying complexity of secure tenure. Since it is a composite measure of the (i) infrastructure condition, (ii) permanency of structure and (iii) legality of the dwelling, it is also a good estimator of slum conditions. The index was therefore proposed as an alternative proxy measure for estimating the number of slum dwellers.

Statistically, the final PCA solution explained 64 per cent of the variance and was deemed adequate for calculating the secure tenure index. The component loadings showing how each variable loads onto the solution are presented in Table 11.1. The loadings are the correlation coefficients of the variables to the Principal Component. These loadings range from  $-1$  to  $+1$ , ranging from an absolute negative correlation to an absolute positive correlation. A value near zero indicates that there is no relationship between the variable and the Principal Component. From Table 11.1, it is shown that each of the variables is positively correlated to the component and each contributes approximately equally to the component. During the development of the index, many different solutions were posited and proved viable. A single component solution was selected as it is most easily scaled from 1 to 100 and is therefore more intuitively appealing. A single component also had the advantage of a simple definition.

The reduction of the contributing variables to a component is accomplished through the calculation of a component score. The component score is a linear combination of the component score coefficient for the variable with the standardized value of the variable. In this case, the component score coefficient is equivalent to regression weights obtained when the component is regressed on the variables. The result is that each city has a component score that represents a linear combination of the five variables. The component score is the basis for the Secure Tenure Index. The final Secure Tenure Index is the calculated 'normalized' component score that has a range from 0 to 100.<sup>10</sup> The resulting index is an intuitively suitable index that tracks well with other indicators, such as under-five mortality rate, solid waste disposal and wastewater treatment.

The Secure Tenure Index is a proxy for the percentage of households with inadequate housing attributes. The baseline year (1993) estimate of global slum dwellers is 712 million. The straight-line projection for 2001 is 837 million.<sup>11</sup> Data by region are presented in Table A.2 of the Statistical Annex.

The estimation procedure is work in progress. In October 2002, UN-Habitat convened an Expert Group Meeting (EGM) to address problems relevant to the estimation methodology. It was recognized that no universal definition of slum or secure tenure existed. EGM

participants fulfilled the stated objectives to contribute to the development of indicators for the MDG T 11, which aims to *significantly improve the lives of at least 100 million slum dwellers by the year 2020*. Assembling in working groups for two days, participants accomplished this objective, first, by formulating an operational definition for 'slums' and 'secure tenure'. It was agreed that while 'secure tenure' (Indicator 31) is an important indicator for measuring the existence of slums, four other criteria should be equally considered. The EGM adopted five indicators to measure the 'improvement in the lives of 100 million slum dwellers by the year 2020', as specified in the Cities without Slums MDG T 11:

- 1 Proportion of urban population with sustainable access to an improved water source.
- 2 Proportion of urban population with access to improved sanitation.
- 3 Proportion of urban population with secure tenure.
- 4 Proportion of urban population with durable housing units.
- 5 Proportion of urban population with sufficient living area.

A new slum definition has been applied to a revised estimation, completed in March 2003, as part of monitoring the MDG. The new estimates are at the country level and are based on national household survey data. There is a comparative wealth of data from household surveys conducted in developing countries. More than 290 surveys (Demographic and Health Surveys (DHS), Joint Monitoring Programme (JMP) and Multiple Indicator Cluster Surveys (MICS)) have been analysed. In countries where there were no DHS or MICS, UN-Habitat relied on census data, other sources of national data or made estimates based on similar-country experience. For Europe, Japan, Canada, the US (American Housing Survey) and Australia, published reports on the quality of housing have been consulted as a guide to estimation.

When using the household level data, we applied the new definition of a slum household. As agreed during the EGM, a household was not deemed to be a slum household if it had *one or more* of the following attributes:

- Security of tenure.
- Structural quality/durability of dwellings.
- Access to safe water.
- Access to sanitation facilities.
- Sufficient-living area.

Definitions of the attributes are as follows.

**Security of tenure:** The right of all individuals and groups to effective protection by the state against arbitrary forced evictions. This can be indicated in two ways:

- 1 Evidence of documentation that can be used as proof of secure tenure status.
- 2 Either *de facto* or perceived/protection from forced evictions.

**Structural quality/durability of dwellings:** A house is considered as 'durable' if it is built on a non-hazardous location and has a structure permanent and adequate enough to protect its inhabitants from the extremes of climatic conditions such as rain, heat, cold and humidity.

Generally, a housing structure is considered durable when certain strong building materials are used for roof, walls and floor. Even though some houses may be built with materials classified as durable, the dwellers may still not enjoy adequate protection against weather and climate due to the overall state of a dwelling. Alternatively, a material may not look durable, in the modern sense, but is, in the traditional sense, when combined with skills of repair. Such cases are vernacular housing made of natural materials in villages, maintained by its residents annually. The observation of the building material has therefore to be supplemented by an observation of the state of repair of a house. Adequate shelter is thus operationalized in terms of building material in combination with state of repair. Both indicators can be observed by an enumerator in the field.

Durability of building materials is, to a very large extent, subject to local conditions as well as to local construction and maintenance traditions and skills. Which materials are considered durable under local conditions has to be determined by local experts. This is also true for the common problem that dwellings in the semi-urban outskirts of cities of developing countries often follow rural construction patterns by using materials that can be considered non-durable under urban conditions.

In addition, compliance with local regulations and the quality of the location form part of the definition. These two indicators cannot be easily observed as they require specific knowledge about the legal condition and the land-use plan, as well as skills to determine hazardous areas.

**Access to safe water:** A household is considered to have access to safe drinking water if it has a sufficient amount of water for family use, at an affordable price, available to household members without being subject to extreme effort, especially to women and children. Households with piped water to the dwelling or plot also should receive safe water reliably at a reasonable cost.

This category also includes urban families who use non-piped safe and affordable water sources at a sufficient quantity that is available without excessive physical effort and time.

**Access to sanitation facilities:** A household is considered to have access to sanitation if an excreta disposal system, either in the form of a private toilet or a public toilet shared with a reasonable number of people, is available to household members. Households who are included in this category use well-functioning private/public latrines that are (i) connected to non-clogged sewer systems; or (ii) connected to septic tanks with sufficient capacity; or (iii) households that share a public latrine with no more than one household.

Table 11.2

**List of indicators corresponding to The Habitat Agenda key areas of commitment**

<p><b>I: Shelter</b></p> <p><i>1. Provide security of tenure</i></p> <p>Indicator 1: tenure types</p> <p>Indicator 2: evictions</p> <p><i>2. Promote the right to adequate housing</i></p> <p>Checklist 1: housing rights</p> <p>Indicator 3: housing price-to-income ratio</p> <p><i>3. Provide equal access to land</i></p> <p>Indicator 4: land price-to-income ratio</p> <p><i>4. Promote equal access to credit</i></p> <p>Indicator 5: mortgage and non-mortgage</p> <p><i>5. Promote access to basic services</i></p> <p>Indicator 6: access to water</p> <p>Indicator 7: household connections</p>
<p><b>II: Social development and eradication of poverty</b></p> <p><i>6. Provide equal opportunities for a safe and healthy life</i></p> <p>Indicator 8: under-five mortality</p> <p>Indicator 9: crime rates</p> <p>Checklist 2: urban violence</p> <p><i>7. Promote social integration and support disadvantaged groups</i></p> <p>Indicator 10: poor households</p> <p><i>8. Promote gender equality in human settlements development</i></p> <p>Indicator 11: female–male gaps</p>
<p><b>III: Environmental management</b></p> <p><i>9. Promote geographically balanced settlement structures</i></p> <p>Indicator 12: urban population growth</p> <p><i>10. Manage supply and demand for water in an effective manner</i></p> <p>Indicator 13: water consumption</p> <p>Indicator 14: price of water</p> <p><i>11. Reduce urban pollution</i></p> <p>Indicator 15: air pollution</p> <p>Indicator 16: wastewater treated</p> <p>Indicator 17: solid waste disposal</p> <p><i>12. Prevent disasters and rebuild settlements</i></p> <p>Checklist 3: disaster prevention and mitigation instruments</p> <p><i>13. Promote effective and environmentally sound transportation system</i></p> <p>Indicator 18: travel time</p> <p>Indicator 19: transport modes</p> <p><i>14. Support mechanisms to prepare and implement local environmental plans and local Agenda 21 initiatives</i></p> <p>Checklist 4: local environmental plans</p>
<p><b>IV: Economic development</b></p> <p><i>15. Strengthen small and micro-enterprises, particularly those developed by women</i></p> <p>Indicator 20: informal employment</p> <p><i>16. Encourage public–private sector partnership and stimulate productive employment opportunities</i></p> <p>Checklist 5: public–private partnerships</p> <p>Indicator 21: city product</p> <p>Indicator 22: unemployment</p>
<p><b>V: Governance</b></p> <p><i>17. Promote decentralization and strengthen local authorities</i></p> <p>Checklist 6: level of decentralization</p> <p><i>18. Encourage and support participation and civic engagement</i></p> <p>Checklist 7: citizen involvement in major planning decisions</p> <p><i>19. Ensure transparent, accountable and efficient governance of towns, cities and metropolitan areas</i></p> <p>Checklist 8: transparency and accountability</p> <p>Indicator 23: local government revenue and expenditures</p>
<p><b>VI: International cooperation</b></p> <p><i>20. Enhance international cooperation and partnerships</i></p> <p>Checklist 9: engagement in international cooperation</p>

**Sufficient living area:** A house is considered to provide a sufficient living area for the household members if there are three or less people per room.

Applications of these definitions to specific data surveys, such as the data from the DHSs, were considered on a country-by-country basis. The application of the definition depends upon the type of questions and categories of response that are available from the household survey data. The definitions are applicable to urban areas, rather than rural ones. In the past, a single standard has been applied to assess the adequacy of water and sanitation. It was found that rural definitions applied to urban areas can statistically mask critical problems. For example, a ‘traditional pit latrine’ can be acceptable in the rural areas, but is unacceptable in densely populated urban areas and is a common problem in slum areas.

As can be seen in Table 11.1, surveys used in the estimation were primarily the DHS, JMP or MICS, or a number of local variants of these. In some countries, there were multiple rounds of surveys that could be consulted. Each survey type may have a different way of categorizing safe water and sanitation. As much as was possible, an attempt was made to ensure that there was a consistent categorization across surveys. Firstly, for each country, the summary survey report was consulted. If there were anomalies in the report, then the household-level data itself was accessed so that categories could be regrouped and double counting of households prevented.

The EGM slum definition counts a household as a slum household if there are one or more of the five attributes. In the earlier estimation method, a composite index based on summary city data was used. The new EGM definition has broadened the interpretation of slums and is not a composite index. It has resulted in a higher count. Due to the change in slum definition, the two estimations are not comparable.

The new estimation methodology proceeded in stages. The first stage of the estimate examined only access to safe water and sanitation. This was done because these data have been proved to be the most influential attributes. In stage two, the attribute of overcrowding was added. The number of persons per room was calculated and those households with three or more persons per room counted as slum dwellings in accord with the definition.<sup>12</sup> Precautions were taken to avoid the double counting of households with more than one attribute.

Stages 3 and 4 of the estimation included two more components - condition of housing and security of tenure. However, these stages added only marginally to the final estimates because the attributes are highly correlated in slum dwellings. The primary purpose of the estimates is to provide country-level slum improvement targets for the Millennium Project, Task Force 8 on ‘Improving the Lives of Slum Dwellers: An Action Plan’. The 2003 estimates using the new slum definition appear in Chapter 1 (Table 1.3) and in this Annex (Table A.1).



## THE GLOBAL URBAN INDICATORS DATABASES

Tables C.3 to C.6 of the Statistical Annex are drawn on the *Global Urban Indicators Databases*. The Urban Indicators Programme was established following decisions of the United Nations Commission on Human Settlements to continue and extend the work of the UNCHS (Habitat)/World Bank Housing Indicators Programme, which collected housing indicators in principal cities of 53 countries during 1991 and 1992. Following an EGM in Nairobi in January 1994, a more extensive set of urban indicators was established covering the whole range of urban issues. A first *Global Urban Indicators Database* was produced in 1996.<sup>13</sup> This database collected information on 237 cities worldwide and was perhaps the first sample of urban indicators on a global basis. The second *Global Urban Indicators Database* was produced in 2001 and published in 2002.<sup>14</sup>

The sample of cities that submitted indicators was reasonably well distributed between regions, in line with urban population, except that Africa was over-sampled and the return from the most rapidly developing economies of East and Southeast Asia was poor.

The present collection, conducted by UN-Habitat, like all previous indicator efforts, has operated under a relatively low-cost model that does not require a formal international network. Cities are invited to participate. In those cities that respond, a consultant is hired whom the local government usually recommends. This consultant has the responsibility for obtaining the data, making estimates of data that are not directly available (using UN-Habitat or their own

methodology), documenting the results and providing other reports, as necessary.

This methodology, in theory, has the advantage of independence and control in that the consultants are removed from political influence, and can also be required to correct their data, document their methods and explain divergences with other sources. In practice, however, the problems have been (i) sample design and (ii) quality control.

*The Habitat Agenda* and Resolutions 15/6 and 17/1 of the United Nations Commission on Human Settlements required the development of an indicators system representing the minimum data required to monitor changes in conditions in human settlements post-Habitat II. UN-Habitat developed an indicators system that contains a set of 23 key indicators and 9 checklists of qualitative data. These are the minimum data required for reporting on shelter and urban development, consistent with the 20 key areas of commitment in the universal-reporting format.

The indicators are designed to measure performances and trends in the 20 selected key areas, and to measure progress in implementing *The Habitat Agenda*. Indicators provide a comprehensive picture of cities, which – with other indicators that may be chosen by countries – provide a quantitative, comparative base for the condition of cities, and show progress towards achieving urban objectives.

The resultant *Global Urban Indicators Database 2* was prepared for Istanbul +5.<sup>15</sup> It assesses urban conditions and trends during the two years, 1993 and 1998, and evaluates progress made between 1993 and 1998. It was the main source of information for analysing urban conditions, trends and progress for the Istanbul +5 meeting, held in June 2001.

Data compiled in the Global Urban Indicators Database have been checked and corrected where possible. However, some results need to be taken with caution as they may conflict with other expert opinions available on the issues addressed.

## NOTES

- 1 United Nations, 2002a.
- 2 The indicators used to measure and track the MDG have been provided by several specialized agencies and funds, and by international finance institutions. A meeting of relevant agencies (organized by UNSD in March 2002) identified for each indicator either a single agency or an agency team to provide the data.
- 3 This was discussed at the 'Expert Group meeting on the Monitoring of the Millennium Development Goals (MDGs) of the Millennium Declaration', New York, 29–30 April 2002.
- 4 An Expert Group Meeting convened by UN-Habitat in October 2002 resulted in identifying guidelines for the definition of secure tenure and slums.
- 5 Bazoglu and Biau, 2001. The constituent variables of this index are in compliance with the corporate thinking in UN-Habitat that was developed via a series of task-force meetings. Participants at that meeting were Daniel Biau, Farouk Tebbal, Nefise Bazoglu, Eduardo Moreno, Guenter Karl, Christine Auclair, Inge Jenssen and Gulelat Kebede.
- 6 These data are available from the UN-Habitat website at [www.unhabitat.org](http://www.unhabitat.org).
- 7 The 1993 data includes reports on 46 indicators. This was reduced to 23 indicators for the 1998 data collection round. The next round of data collection for the urban indicators will enumerate a Global Sample of Cities that have been selected with probability of selection proportional to size (PPS) and will be administered to approximately 350 cities.
- 8 Herr and Karl, 2002.
- 9 United Nations Secretariat, Department of Economic and Social Affairs, Population Division, provided the geographic standards for development category, major area and region classifications that were applied to the Urban Indicators data.
- 10 The Human Development Index calculates its 'dimension indices' in a similar manner.
- 11 Based on recent population estimations and projections. See United Nations, 2002b.
- 12 United Nations, 1976, p43, is the source of this indicator.
- 13 UNCHS (Habitat), 1996c.
- 14 UN-Habitat, 2002f.
- 15 UN-Habitat, 2002f.

TABLE A.1

## Demographic Indicators

	Total population			Level of urbanization		Urban population		Rural population		Estimated urban slum population <sup>7</sup>	
	Estimates and projections (000)		Growth rate (%)	Level of urbanization (%)		Estimates and projections (000)		Estimates and projections (000)		Estimated urban slum population (000)	(%)
	2000	2020	2000–2020	2000	2020	2000	2020	2000	2020	2001	2001
<b>WORLD TOTAL</b>	<b>6,056,710</b>	<b>7,579,281</b>	<b>1.1</b>	<b>47.2</b>	<b>55.9</b>	<b>2,861,758</b>	<b>4,236,926</b>	<b>3,194,957</b>	<b>3,342,349</b>	<b>923,986</b>	<b>31.6</b>
<b>WORLD MAJOR AGGREGATES</b>											
More developed regions	1,191,303	1,217,602	0.1	75.3	79.9	897,640	973,362	293,666	244,241	54,068	6.0
Less developed regions	4,865,407	6,361,679	1.3	40.4	51.3	1,964,118	3,263,564	2,901,291	3,098,108	869,918	43.0
Least developed countries	667,613	1,079,351	2.4	25.6	37.6	171,185	405,652	496,430	673,697	140,114	78.2
Landlocked developing countries	323,540	504,819	2.2	26.8	34.1	86,841	171,941	236,704	332,876	47,303	56.5
Small island developing states	51,205	64,073	1.1	57.5	63.5	29,459	40,680	21,745	23,393	7,321	24.4
<b>UNITED NATIONS REGIONAL GROUPS</b>											
African States	792,647	1,229,684	2.2	37.1	47.8	294,468	588,293	498,180	641,394	187,562	61.3
Asian States	3,573,098	4,460,877	1.1	36.6	47.9	1,306,801	2,138,887	2,266,302	2,321,987	539,917	40.1
Eastern European States	353,718	323,813	-0.4	66.3	70.1	234,583	227,150	119,135	96,659	15,482	6.6
Latin American and Caribbean States	513,385	657,261	1.2	75.4	81.8	387,152	537,887	126,232	119,374	127,438	32.3
Western European and Other States	448,786	472,685	0.3	76.7	81.5	344,240	385,117	104,543	87,570	38,990	9.6
<b>UNITED NATIONS REGIONAL COMMISSIONS</b>											
UNECA	792,647	1,229,684	2.2	37.1	47.7	294,468	588,293	498,180	641,394	187,562	61.3
UNESCAP	4,183,773	5,080,572	1.0	42.6	52.3	1,782,074	2,655,575	2,401,703	2,424,997	565,388	31.3
UNESCTWA	165,577	259,567	2.2	55.0	60.9	91,129	158,179	74,449	101,383	33,296	35.3
UNECLAC	1,073,736	1,274,139	0.9	76.5	82.0	821,209	1,045,274	252,523	228,864	153,350	18.4
UNECE	1,188,378	1,242,329	0.2	72.8	77.1	812,720	890,211	328,305	287,451	76,344	8.8
<b>HUMAN DEVELOPMENT AGGREGATES</b>											
High human development <sup>1</sup>	1,063,353	1,142,472	0.4	78.5	83.2	834,644	950,368	228,707	192,107	102,576	11.6
Medium human development <sup>2</sup>	4,048,122	4,912,689	1.0	42.6	53.6	1,724,450	2,632,487	2,323,676	2,280,197	636,657	36.3
Low human development <sup>3</sup>	839,485	1,364,686	2.4	29.7	41.4	249,544	565,565	589,942	799,119	207,903	79.4
<b>INCOME AGGREGATES</b>											
High income <sup>4</sup>	878,484	941,720	0.3	79.1	83.4	694,682	785,778	183,802	155,945	39,477	5.6
Medium income <sup>5</sup>	2,675,336	3,141,076	0.8	51.2	63.8	1,370,922	2,002,632	1,304,413	1,138,441	430,477	30.7
Low income <sup>6</sup>	2,397,140	3,337,051	1.7	31.0	40.8	743,034	1,360,010	1,654,110	1,977,037	432,080	56.5
<b>GEOGRAPHICAL AGGREGATES</b>											
<b>Developed regions</b>	<b>1,191,275</b>	<b>1,217,576</b>	<b>0.1</b>	<b>75.3</b>	<b>79.9</b>	<b>897,612</b>	<b>973,336</b>	<b>293,666</b>	<b>244,241</b>	<b>54,068</b>	<b>6.0</b>
Europe	727,276	694,852	-0.2	73.4	77.6	534,035	539,510	193,243	155,344	33,062	6.2
Other	463,999	522,724	0.6	78.4	83.0	363,577	433,826	100,423	88,897	21,006	5.7
<b>Developing regions</b>	<b>4,865,393</b>	<b>6,361,663</b>	<b>1.3</b>	<b>40.4</b>	<b>51.3</b>	<b>1,964,118</b>	<b>3,263,564</b>	<b>2,901,277</b>	<b>3,098,092</b>	<b>869,918</b>	<b>43.0</b>
Northern Africa	143,054	189,692	1.4	51.7	59.7	73,925	113,270	69,128	76,423	21,355	28.2
Sub-Saharan Africa	650,572	1,041,282	2.4	34.0	45.7	221,302	476,136	429,272	565,148	166,208	71.9
Latin America and the Caribbean	518,935	663,824	1.2	75.4	81.8	391,455	543,293	127,476	120,528	127,567	31.9
Eastern Asia	1,353,978	1,534,831	0.6	38.2	55.1	516,757	845,715	837,223	689,116	193,824	36.4
South-central Asia	1,480,868	1,980,687	1.5	29.8	37.8	440,880	748,842	1,039,990	1,231,843	262,354	58.0
South-eastern Asia	522,121	661,054	1.2	37.5	51.1	196,029	337,607	326,093	323,449	56,781	28.0
Western Asia	188,275	279,058	2.0	64.7	69.8	121,766	194,904	66,510	84,145	41,331	33.1
Oceania	7,590	11,235	2.0	26.4	33.8	2,004	3,797	5,585	7,440	499	24.1

Notes: 1 HDI 0.800 and above. 2 HDI 0.500–0.799. 3 HDI below 0.500. 4 GNP per capita of US\$9266 or more in 2000. 5 GNP per capita of US\$756–US\$9265. 6 GNP per capita of US\$755 or less in 2000.

7 The 2003 Assessment.

TABLE A.2

## Housing Indicators

	Urban population (%) with access to				Number of households (000)						
	improved water sources <sup>a</sup>		improved sanitation <sup>a</sup>		Estimates and projections			5-year increments			
	1990	2000	1990	2000	2000	2010	2020	2000–2005	2005–2010	2010–2015	2015–2020
<b>WORLD TOTAL</b>	94.0	95.0	81.0	85.0	1,542,424	1,901,127	2,252,746	172,363	186,333	177,222	174,397
<b>WORLD MAJOR AGGREGATES</b>											
More developed regions	99.9	99.9	99.9	99.9	465,664	518,624	556,357	27,075	25,886	20,897	16,836
Less developed regions	92.4	94.8	87.1	88.1	1,076,760	1,382,503	1,696,389	145,288	160,447	156,325	157,561
Least developed countries	81.1	81.0	68.4	71.6	110,572	145,876	190,936	16,565	18,738	20,587	24,473
Landlocked developing countries	92.0	94.0	72.1	82.0	57,557	73,346	94,781	7,244	8,546	9,882	11,553
Small island developing states	...	...	...	...	12,256	14,797	17,319	1,203	1,342	1,290	1,232
<b>UNITED NATIONS REGIONAL GROUPS</b>											
African States	88.1	86.4	81.3	80.4	153,559	207,359	276,365	27,541	30,244	30,508	38,498
Asian States	93.0	96.0	83.0	87.0	820,402	1,033,231	1,245,118	100,646	112,334	107,388	104,499
Eastern European States	99.9	99.9	99.9	99.0	134,934	149,251	157,528	8,159	7,793	4,136	4,141
Latin American and Caribbean States	92.8	94.9	85.0	86.2	125,891	159,151	192,720	16,519	16,907	16,800	16,769
Western European and Other States	98.7	99.1	99.4	99.6	304,170	186,841	375,807	19,018	18,683	18,074	170,892
<b>UNITED NATIONS REGIONAL COMMISSIONS</b>											
UNECA	88.1	86.4	81.3	80.4	153,559	207,359	276,365	27,541	30,244	30,508	38,498
UNESCAP	93.0	96.0	83.0	87.0	1,069,337	1,317,807	1,556,634	118,651	129,822	122,086	116,741
UNESCWA	97.0	98.0	96.0	97.6	27,038	36,545	47,610	4,468	5,039	5,154	5,911
UNECLAC	92.8	94.9	85.0	86.2	341,737	401,819	459,903	29,821	30,260	29,949	28,135
UNECE	99.9	99.9	99.0	92.9	424,928	474,452	511,013	24,833	24,693	20,213	16,348
<b>HUMAN DEVELOPMENT AGGREGATES</b>											
High human development <sup>1</sup>	99.9	99.9	99.9	99.9	401,079	447,870	486,790	23,983	22,805	21,014	17,906
Medium human development <sup>2</sup>	92.0	95.0	88.0	89.0	989,144	1,246,666	1,492,531	123,008	134,518	125,229	120,636
Low human development <sup>3</sup>	83.2	87.9	76.0	81.1	142,479	194,568	258,899	24,159	27,930	29,880	34,451
<b>INCOME AGGREGATES</b>											
High income <sup>4</sup>	99.9	99.9	99.9	99.9	341,945	380,576	412,774	19,717	18,912	17,419	14,779
Medium income <sup>5</sup>	92.0	95.0	88.0	89.0	733,357	923,880	1,102,777	90,332	100,191	91,072	87,825
Low income <sup>6</sup>	80.1	79.6	76.0	77.8	457,400	584,649	722,669	61,101	66,150	67,632	70,388
<b>GEOGRAPHICAL AGGREGATES</b>											
<b>Developed regions</b>	99.9	99.9	99.9	99.9	465,664	518,624	556,357	27,075	25,886	20,897	16,836
Europe	99.9	99.9	99.9	99.9	288,461	316,151	330,754	14,325	13,367	8,759	5,844
Other	99.9	99.9	99.9	99.9	177,203	202,472	225,603	12,750	12,519	12,138	10,993
<b>Developing regions</b>	92.4	94.8	87.1	88.1	1,076,760	1,382,503	1,696,443	145,292	160,452	156,330	157,610
Northern Africa	98.0	97.0	87.0	87.0	26,578	34,374	41,867	3,818	3,977	3,674	3,819
Sub-Saharan Africa	85.9	84.9	80.2	80.4	126,981	177,016	234,787	23,745	26,290	26,859	30,912
Latin America and the Caribbean	92.8	94.9	85.0	86.2	127,263	160,886	194,493	16,621	17,003	16,902	16,705
Eastern Asia	93.8	94.2	60.3	69.5	377,827	483,604	591,130	47,518	58,257	54,495	53,031
South-central Asia	88.9	96.7	47.8	65.9	261,950	329,914	396,273	33,410	34,556	33,926	32,433
South-eastern Asia	92.6	90.8	70.1	75.8	119,835	149,779	178,760	14,924	15,023	14,734	14,247
Western Asia	98.0	98.1	96.7	97.9	34,852	45,068	56,811	5,073	5,141	5,518	6,225
Oceania	88.1	76.5	91.7	87.2	1,474	1,862	2,322	183	205	222	238

Notes: \* Provisional data. 1 HDI 0.800 and above. 2 HDI 0.500–0.799. 3 HDI below 0.500. 4 GNP per capita of US\$9266 or more in 2000. 5 GNP per capita of US\$756–US\$9265. 6 GNP per capita of US\$755 or less in 2000.

TABLE A.3

## Economic and Social Indicators

	PPP GNI per capita (US\$)	Labour force				Illiteracy rate				Population in poverty	
		Total (000)		Women (%)		Male (%)		Female (%)		Below US\$1 per day*	Below US\$2 per day*
		2000*	2000	2010	2000	2010	2000	2015	2000	2015	%
<b>WORLD TOTAL</b>	<b>7,482</b>	<b>2,946,397</b>	<b>3,408,248</b>	<b>40.6</b>	<b>41.2</b>	<b>18.0</b>	<b>13.1</b>	<b>32.0</b>	<b>23.1</b>	<b>19.4</b>	<b>42.0</b>
<b>WORLD MAJOR AGGREGATES</b>											
More developed regions	22,223	601,041	617,205	44.7	45.6	0.8	0.4	1.6	0.7	...	...
Less developed regions	3,751	2,345,356	2,791,043	39.5	40.2	19.5	13.9	34.7	24.7	25.7	60.4
Least developed countries	1,145	311,803	402,372	43.1	43.0	37.7	28.0	57.7	43.1	34.6	75.8
Landlocked developing countries	1,675	147,401	188,343	43.8	43.8	32.2	24.7	47.0	36.1	31.0	63.1
Small island developing states	...	22,901	26,920	39.1	40.2	18.2	14.1	22.1	16.6	4.2	20.4
<b>UNITED NATIONS REGIONAL GROUPS</b>											
African States	2,143	341,762	440,697	40.6	41.0	30.7	20.4	48.7	32.5	33.0	63.9
Asian States	4,337	1,799,775	2,087,731	39.9	40.5	18.7	13.6	35.3	25.6	26.6	65.0
Eastern European States	7,288	183,273	184,942	47.7	47.7	0.5	0.3	1.0	0.5	3.3	18.9
Latin American and Caribbean States	7,096	220,379	267,739	35.0	37.0	10.3	6.9	12.5	7.7	14.1	32.8
Western European and Other States	21,330	211,940	220,609	41.6	42.8	...	...	...	...	...	...
<b>UNITED NATIONS REGIONAL COMMISSIONS</b>											
UNECA	...	341,762	440,697	40.6	41.0	30.7	20.4	48.7	32.5	33.0	63.9
UNESCAP	...	2,120,577	2,423,409	41.0	41.5	17.7	13.0	33.5	24.4	25.2	62.2
UNESCWVA	...	55,900	77,531	26.4	29.9	28.6	20.9	53.1	39.1	5.4	48.7
UNECLAC	...	495,708	559,456	40.1	41.4	8.8	6.0	10.8	6.8	13.7	32.0
UNECE	...	554,521	578,574	45.2	46.0	0.8	0.4	1.7	0.7	3.1	19.3
<b>HUMAN DEVELOPMENT AGGREGATES</b>											
High human development <sup>1</sup>	24,955	526,727	553,721	42.9	44.3	2.1	1.3	3.5	1.7	...	...
Medium human development <sup>2</sup>	4,076	2,009,511	2,320,849	40.2	40.6	14.8	10.0	28.1	18.9	22.3	55.7
Low human development <sup>3</sup>	1,222	367,752	480,336	40.0	40.7	39.2	27.9	61.1	44.7	39.4	79.7
<b>INCOME AGGREGATES</b>											
High income <sup>4</sup>	27,667	437,851	455,789	43.2	44.5	2.5	1.6	4.6	2.2	...	...
Medium income <sup>5</sup>	5,597	1,386,754	1,559,553	42.1	42.5	8.8	4.9	18.8	10.7	13.4	40.4
Low income <sup>6</sup>	1,986	1,079,385	1,339,564	37.8	38.6	29.0	21.4	48.2	35.9	36.6	77.4
<b>GEOGRAPHICAL AGGREGATES</b>											
<b>Developed regions</b>	22,223	601,041	617,205	44.7	45.6	0.8	0.4	1.6	0.7	3.3	18.6
Europe	16,357	359,355	359,696	44.8	45.4	0.8	0.4	1.6	0.7	3.3	18.6
Other	31,214	241,686	257,509	44.5	45.9	...	...	...	...	...	...
<b>Developing regions</b>	3,751	2,345,356	2,791,043	39.5	40.5	19.5	13.9	34.7	24.7	25.7	60.4
Northern Africa	4,089	53,648	71,466	31.1	37.2	30.5	21.6	53.0	37.9	2.3	21.3
Sub-Saharan Africa	1,685	288,411	369,582	42.3	42.3	30.7	20.2	47.7	31.4	42.7	73.5
Latin America and the Caribbean	7,096	222,351	269,969	35.0	37.0	10.3	6.9	12.4	7.7	13.6	33.2
Eastern Asia	4,497	803,571	869,910	44.8	44.9	7.6	3.1	21.3	10.7	11.6	34.9
South-central Asia	2,430	642,787	798,606	33.4	34.9	32.5	24.9	54.6	42.7	20.8	57.8
South-eastern Asia	3,771	259,236	313,924	42.7	43.6	7.4	4.5	14.4	8.0	12.0	52.2
Western Asia	6,467	72,492	93,933	32.6	34.7	16.6	12.0	37.4	27.4	5.3	19.4
Oceania	2,180	2,860	3,653	41.1	42.6	25.2	18.9	37.3	27.5	...	...

Notes \* Provisional data. 1 HDI 0.800 and above. 2 HDI 0.500–0.799. 3 HDI below 0.500. 4 GNP per capita of US\$9266 or more in 2000. 5 GNP per capita of US\$756–US\$9265. 6 GNP per capita of US\$755 or less in 2000.



TABLE B.1

## Size and Growth of Total Population and Households

	Total population							Number of households						
	Estimates and projections (000)				Annual growth rate (%)			Estimates and projections (000)		5-year increments (000)				
	1990	2000	2010	2020	1990- 2000	2000- 2010	2010- 2020	2000	2020	2000-2005	2005-2010	2010-2015	2015-2020	
<b>WORLD</b>	<b>5,254,820</b>	<b>6,056,715</b>	<b>6,825,736</b>	<b>7,579,278</b>	<b>1.42</b>	<b>1.20</b>	<b>1.05</b>	<b>1,575,277</b>	<b>2,304,624</b>	<b>175,650</b>	<b>190,376</b>	<b>182,769</b>	<b>180,552</b>	
<b>AFRICA</b>	<b>619,477</b>	<b>793,627</b>	<b>996,960</b>	<b>1,230,975</b>	<b>2.48</b>	<b>2.28</b>	<b>2.11</b>	<b>173,413</b>	<b>307,453</b>	<b>28,397</b>	<b>32,368</b>	<b>34,299</b>	<b>38,977</b>	
Algeria	24,855	30,291	35,635	40,418	1.98	1.62	1.26	4,966	7,932	747	724	729	765	
Angola	9,570	13,134	17,765	24,263	3.17	3.02	3.12	...	...	...	...	...	...	
Benin	4,655	6,272	8,278	10,697	2.98	2.78	2.56	1,054	2,035	205	235	254	287	
Botswana	1,240	1,541	1,628	1,767	2.18	0.55	0.82	367	526	44	30	37	47	
Burkina Faso	9,008	11,535	15,764	21,667	2.47	3.12	3.18	1,633	2,431	150	177	219	252	
Burundi	5,636	6,356	8,662	11,085	1.20	3.10	2.47	1,530	2,911	177	380	389	435	
Cameroon	11,614	14,876	18,347	22,121	2.47	2.10	1.87	3,360	6,890	715	801	919	1,095	
Cape Verde	341	427	522	608	2.24	2.01	1.52	91	167	16	18	20	22	
Central African Republic	2,945	3,717	4,430	5,369	2.33	1.75	1.92	751	1,298	108	125	143	172	
Chad	5,829	7,885	10,689	14,275	3.02	3.04	2.89	1,113	1,753	128	147	173	193	
Comoros	527	706	939	1,197	2.92	2.85	2.43	98	184	20	20	22	24	
Congo	2,230	3,018	4,084	5,464	3.03	3.02	2.91	703	1,589	149	188	244	306	
Côte d'Ivoire	12,582	16,013	19,625	23,353	2.41	2.03	1.74	2,857	4,973	395	537	544	641	
Dem. Republic of the Congo	36,999	50,948	71,272	98,621	3.20	3.36	3.25	10,797	22,905	1,627	2,682	3,510	4,289	
Djibouti	504	632	679	747	2.27	0.71	0.96	134	219	9	23	25	27	
Egypt	56,223	67,884	79,260	89,686	1.88	1.55	1.24	13,410	21,935	2,063	2,264	2,091	2,108	
Equatorial Guinea	352	457	605	787	2.61	2.82	2.63	103	210	19	24	29	34	
Eritrea	3,103	3,659	5,097	6,382	1.65	3.32	2.25	726	1,500	179	165	197	232	
Ethiopia	47,509	62,908	79,853	100,944	2.81	2.39	2.34	12,303	23,145	1,865	2,339	2,975	3,664	
Gabon	935	1,230	1,568	1,961	2.74	2.43	2.24	310	531	43	50	58	71	
Gambia	928	1,303	1,626	1,933	3.39	2.22	1.73	164	309	35	33	36	40	
Ghana	15,138	19,306	23,938	28,755	2.43	2.15	1.83	4,163	8,397	841	1,000	1,134	1,258	
Guinea	6,139	8,154	9,996	12,681	2.84	2.04	2.38	1,115	1,871	85	213	215	242	
Guinea-Bissau	946	1,199	1,531	1,940	2.37	2.44	2.37	139	219	18	19	21	23	
Kenya	23,574	30,669	36,941	42,695	2.63	1.86	1.45	7,238	13,361	1,485	1,575	1,470	1,592	
Lesotho	1,682	2,035	2,127	2,177	1.90	0.44	0.23	412	647	52	50	59	74	
Liberia	2,144	2,913	4,682	6,516	3.07	4.75	3.30	307	953	295	112	96	144	
Libyan Arab Jamahiriya	4,311	5,290	6,531	7,510	2.05	2.11	1.40	789	1,087	99	87	53	59	
Madagascar	11,956	15,970	21,096	27,319	2.89	2.78	2.58	3,280	5,896	454	553	795	814	
Malawi	9,434	11,308	14,024	17,507	1.81	2.15	2.22	1,743	1,773	...	...	...	...	
Mali	8,778	11,351	15,234	20,389	2.57	2.94	2.92	1,827	3,328	271	326	413	492	
Mauritania	1,992	2,665	3,577	4,708	2.91	2.94	2.75	373	598	49	52	59	65	
Mauritius <sup>1</sup>	1,057	1,161	1,256	1,341	0.94	0.78	0.66	279	344	18	16	19	12	
Morocco	24,624	29,878	35,324	39,833	1.93	1.67	1.20	5,390	8,034	663	667	603	710	
Mozambique	13,645	18,292	21,649	25,673	2.93	1.68	1.71	3,228	3,816	176	69	77	266	
Namibia	1,375	1,757	2,097	2,547	2.45	1.77	1.94	321	421	38	19	15	28	
Niger	7,707	10,832	15,550	21,853	3.40	3.62	3.40	1,307	2,096	153	180	223	233	
Nigeria	85,953	113,862	146,935	184,248	2.81	2.55	2.26	28,009	57,073	6,903	7,494	7,047	7,619	
Réunion	604	721	809	879	1.77	1.15	0.82	198	289	22	23	25	22	
Rwanda	6,766	7,609	9,425	11,662	1.17	2.14	2.13	1,468	3,474	797	352	390	467	
Saint Helena <sup>2</sup>	6	6	7	7	0.84	0.83	0.84	...	...	...	...	...	...	
Sao Tome and Principe	115	138	164	193	1.84	1.73	1.62	...	...	...	...	...	...	
Senegal	7,327	9,421	12,051	15,023	2.51	2.46	2.20	928	1,708	148	179	213	240	
Seychelles	70	80	91	103	1.46	1.28	1.23	...	...	...	...	...	...	
Sierra Leone	4,061	4,405	6,283	8,036	0.81	3.55	2.46	...	...	...	...	...	...	
Somalia	7,163	8,778	13,065	18,112	2.03	3.98	3.27	1,271	2,664	270	315	348	460	
South Africa	36,376	43,309	45,140	43,977	1.74	0.41	-0.26	12,228	20,985	3,713	2,969	1,129	947	
Sudan	24,818	31,095	38,667	46,114	2.25	2.18	1.76	3,315	5,167	258	519	516	559	
Swaziland	769	925	987	1,076	1.84	0.65	0.86	212	488	65	75	66	69	
Togo	3,453	4,527	5,826	7,383	2.71	2.52	2.37	957	1,888	166	203	258	303	
Tunisia	8,156	9,459	10,629	11,841	1.48	1.17	1.08	2,023	2,879	246	235	198	177	
Uganda	17,245	23,300	32,588	45,787	3.01	3.35	3.40	3,987	7,557	482	783	1,019	1,284	
United Republic of Tanzania	26,043	35,119	44,062	54,875	2.99	2.27	2.19	5,977	8,826	554	669	768	858	
Western Sahara	178	252	331	404	3.46	2.74	1.99	...	...	...	...	...	...	
Zambia	8,049	10,421	12,989	16,833	2.58	2.20	2.59	1,665	2,648	192	196	270	324	
Zimbabwe	10,241	12,627	15,028	17,632	2.09	1.74	1.60	2,940	4,724	418	403	443	520	
<b>ASIA</b>	<b>3,164,081</b>	<b>3,672,342</b>	<b>4,144,937</b>	<b>4,581,584</b>	<b>1.49</b>	<b>1.21</b>	<b>1.00</b>	<b>854,709</b>	<b>1,297,511</b>	<b>105,831</b>	<b>116,663</b>	<b>111,595</b>	<b>108,713</b>	
Afghanistan	13,675	21,765	31,308	40,206	4.65	3.64	2.50	...	...	...	...	...	...	
Armenia	3,545	3,787	3,807	3,789	0.66	0.05	-0.05	680	695	-2	18	8	-8	
Azerbaijan	7,175	8,041	8,498	8,935	1.14	0.55	0.50	1,561	1,954	83	128	121	61	
Bahrain	490	640	744	843	2.67	1.50	1.25	100	135	9	9	10	7	
Bangladesh	110,025	137,439	167,926	197,642	2.22	2.00	1.63	24,136	37,654	4,062	3,702	2,708	3,046	
Bhutan	1,696	2,085	2,707	3,453	2.06	2.61	2.44	370	686	59	72	86	98	
Brunei Darussalam	257	328	388	445	2.45	1.68	1.37	54	70	5	5	4	2	
Cambodia	9,630	13,104	16,630	20,529	3.08	2.38	2.11	2,210	3,969	378	437	454	490	
China <sup>3</sup>	1,155,305	1,275,133	1,366,215	1,446,092	0.99	0.69	0.57	360,982	568,637	45,770	56,867	53,162	51,856	
China, Hong Kong SAR <sup>4</sup>	5,705	6,860	7,659	8,365	1.84	1.10	0.88	1,979	2,787	317	221	158	112	
China, Macau SAR <sup>5</sup>	372	444	481	516	1.77	0.80	0.69	154	253	13	25	23	19	
Cyprus	681	784	841	885	1.41	0.70	0.51	200	232	32	10	7	3	
Dem. People's Rep. of Korea	19,956	22,268	23,688	25,158	1.10	0.62	0.60	...	...	...	...	...	...	
Georgia	5,460	5,262	4,956	4,584	-0.37	-0.60	-0.78	1,343	1,359	-48	22	23	18	

TABLE B.1

continued

	Total population							Number of households						
	Estimates and projections				Annual growth rate			Estimates and projections		5-year increments				
	(000)				(% )			(000)		(000)				
	1990	2000	2010	2020	1990-2000	2000-2010	2010-2020	2000	2020	2000-2005	2005-2010	2010-2015	2015-2020	
India	844,886	1,008,937	1,164,020	1,291,290	1.77	1.43	1.04	185,929	273,303	21,655	22,440	22,407	20,871	
Indonesia	182,474	212,092	237,711	261,897	1.50	1.14	0.97	52,040	74,484	5,871	5,732	5,484	5,357	
Iran (Islamic Republic of)	58,435	70,330	80,809	93,512	1.85	1.39	1.46	15,154	26,332	3,115	2,892	2,909	2,262	
Iraq	17,271	22,946	29,917	37,054	2.84	2.65	2.14	2,722	4,302	295	340	363	583	
Israel	4,514	6,040	7,249	8,097	2.91	1.82	1.11	1,661	2,391	216	187	173	153	
Japan	123,537	127,096	128,220	125,958	0.28	0.09	-0.18	48,520	55,069	2,578	1,824	1,198	949	
Jordan	3,254	4,913	6,423	7,941	4.12	2.68	2.12	652	1,255	123	143	158	180	
Kazakhstan	16,742	16,172	15,800	16,073	-0.35	-0.23	0.17	5,710	7,343	314	439	439	442	
Kuwait	2,143	1,914	2,473	3,017	-1.13	2.56	1.99	260	423	57	50	32	24	
Kyrgyzstan	4,395	4,921	5,510	6,162	1.13	1.13	1.12	936	1,143	25	58	63	62	
Lao People's Dem. Republic	4,132	5,279	6,611	8,053	2.45	2.25	1.97	983	1,838	155	205	238	257	
Lebanon	2,713	3,496	4,017	4,409	2.54	1.39	0.93	...	...	...	...	...	...	
Malaysia	17,845	22,218	26,146	29,608	2.19	1.63	1.24	4,748	7,802	705	700	849	799	
Maldives	216	291	393	516	2.99	3.00	2.74	40	76	8	9	9	10	
Mongolia	2,216	2,533	2,869	3,291	1.34	1.24	1.37	532	794	70	82	61	49	
Myanmar	40,517	47,749	52,990	57,756	1.64	1.04	0.86	9,893	13,809	1,226	1,003	832	856	
Nepal	18,142	23,043	28,922	35,449	2.39	2.27	2.03	4,266	7,641	701	829	892	953	
Occupied Palestinian Territory	2,154	3,191	4,525	6,194	3.93	3.49	3.14	...	...	...	...	...	...	
Oman	1,785	2,538	3,515	4,745	3.52	3.26	3.00	359	655	62	74	73	87	
Pakistan	109,811	141,256	181,385	227,781	2.52	2.50	2.28	15,609	28,843	2,601	3,174	3,599	3,861	
Philippines	61,040	75,653	89,888	101,424	2.15	1.72	1.21	15,661	27,131	2,487	2,804	2,980	3,199	
Qatar	453	565	653	727	2.21	1.43	1.08	106	123	6	6	3	1	
Republic of Korea	42,869	46,740	49,623	51,409	0.86	0.60	0.35	14,180	18,659	1,329	1,062	1,091	997	
Saudi Arabia	15,400	20,346	27,588	36,095	2.78	3.04	2.69	2,898	4,949	457	452	520	622	
Singapore	3,016	4,018	4,604	4,879	2.87	1.36	0.58	728	764	17	11	12	-4	
Sri Lanka	17,022	18,924	20,699	22,057	1.06	0.90	0.64	3,867	4,987	360	289	242	230	
Syrian Arab Republic	12,386	16,189	20,781	25,456	2.68	2.50	2.03	2,550	4,555	490	553	473	489	
Tajikistan	5,303	6,087	6,618	7,602	1.38	0.84	1.39	1,104	1,546	85	114	111	132	
Thailand	54,736	62,806	69,681	75,097	1.38	1.04	0.75	15,840	21,034	1,501	1,476	1,147	1,070	
Timor-Leste	740	737	1,019	1,161	-0.04	3.24	1.30	...	...	...	...	...	...	
Turkey	56,098	66,668	75,145	82,887	1.73	1.20	0.98	15,779	24,505	2,406	2,001	2,123	2,195	
Turkmenistan	3,668	4,737	5,651	6,448	2.56	1.76	1.32	605	799	33	44	40	78	
United Arab Emirates	2,014	2,606	3,056	3,364	2.58	1.59	0.96	829	1,042	75	74	40	24	
Uzbekistan	20,515	24,881	28,538	32,496	1.93	1.37	1.30	4,224	5,920	392	494	421	388	
Viet Nam	66,074	78,137	88,684	100,205	1.68	1.27	1.22	17,678	27,859	2,579	2,650	2,734	2,217	
Yemen	11,590	18,349	27,359	40,036	4.59	3.99	3.81	3,152	8,236	831	1,074	1,391	1,788	
<b>EUROPE</b>	<b>721,981</b>	<b>727,304</b>	<b>713,211</b>	<b>694,877</b>	<b>0.07</b>	<b>-0.20</b>	<b>-0.26</b>	<b>289,735</b>	<b>332,310</b>	<b>14,446</b>	<b>13,442</b>	<b>8,812</b>	<b>5,875</b>	
Albania	3,289	3,134	3,311	3,565	-0.48	0.55	0.74	652	766	-4	38	42	38	
Andorra	53	86	126	165	4.90	3.81	2.71	...	...	...	...	...	...	
Austria	7,729	8,080	7,953	7,735	0.44	-0.16	-0.28	3,318	3,846	174	153	125	76	
Belarus	10,260	10,187	9,819	9,508	-0.07	-0.37	-0.32	3,134	3,291	99	86	9	-37	
Belgium	9,967	10,249	10,296	10,244	0.28	0.05	-0.05	4,259	4,792	159	152	133	90	
Bosnia and Herzegovina	4,308	3,977	4,269	4,244	-0.80	0.71	-0.06	...	...	...	...	...	...	
Bulgaria	8,718	7,949	7,185	6,467	-0.92	-1.01	-1.05	3,285	3,322	40	41	-7	-38	
Channel Islands	142	144	144	141	0.18	-0.02	-0.21	...	...	...	...	...	...	
Croatia	4,517	4,654	4,650	4,577	0.30	-0.01	-0.16	1,624	1,704	48	32	5	-4	
Czech Republic	10,306	10,272	10,138	9,895	-0.03	-0.13	-0.24	4,375	4,694	130	114	78	-3	
Denmark	5,140	5,320	5,374	5,365	0.34	0.10	-0.02	2,470	2,737	57	65	81	65	
Estonia	1,571	1,393	1,253	1,127	-1.20	-1.06	-1.06	582	608	13	18	-3	-2	
Faeroe Islands	47	46	51	54	-0.22	0.90	0.62	...	...	...	...	...	...	
Finland	4,986	5,172	5,187	5,165	0.36	0.03	-0.04	2,247	2,600	108	94	88	62	
France	56,735	59,238	61,203	62,412	0.43	0.33	0.20	24,176	28,114	1,170	1,086	920	763	
Germany	79,433	82,017	81,353	79,864	0.32	-0.08	-0.18	35,888	38,901	962	1,050	654	347	
Gibraltar	27	27	26	25	-0.03	-0.18	-0.33	...	...	...	...	...	...	
Greece	10,160	10,610	10,579	10,325	0.43	-0.03	-0.24	3,902	4,392	236	140	79	35	
Holy See <sup>6</sup>	1	1	1	1	-0.50	-	-	...	...	...	...	...	...	
Hungary	10,365	9,968	9,489	9,021	-0.39	-0.49	-0.51	3,978	4,052	36	33	27	-22	
Iceland	255	279	297	312	0.92	0.61	0.50	111	152	10	10	11	10	
Ireland	3,515	3,803	4,201	4,594	0.79	1.00	0.89	1,225	1,632	120	104	89	93	
Isle of Man	67	75	81	84	1.11	0.78	0.34	...	...	...	...	...	...	
Italy	56,719	57,530	56,390	53,861	0.14	-0.20	-0.46	22,542	23,891	605	401	277	66	
Latvia	2,671	2,421	2,288	2,161	-0.98	-0.56	-0.57	871	851	-6	11	-8	-18	
Liechtenstein	29	33	36	38	1.23	0.98	0.66	...	...	...	...	...	...	
Lithuania	3,722	3,696	3,594	3,483	-0.07	-0.28	-0.31	1,305	1,500	63	68	44	19	
Luxembourg	382	437	490	546	1.34	1.16	1.08	165	208	13	11	10	8	
Malta	360	390	405	416	0.80	0.37	0.27	132	167	11	10	8	7	
Monaco	30	33	36	38	1.09	0.81	0.53	...	...	...	...	...	...	
Netherlands	14,952	15,864	16,313	16,507	0.59	0.28	0.12	6,814	8,060	341	335	324	245	
Norway	4,241	4,469	4,614	4,733	0.52	0.32	0.26	1,987	2,468	106	123	132	119	
Poland	38,111	38,605	38,253	37,741	0.13	-0.09	-0.13	13,052	14,345	625	429	219	21	
Portugal	9,899	10,016	10,082	9,940	0.12	0.07	-0.14	3,649	4,021	144	88	85	56	
Republic of Moldova	4,364	4,295	4,190	4,110	-0.16	-0.25	-0.19	1,250	1,454	64	71	44	26	
Romania	23,207	22,438	21,819	21,026	-0.34	-0.28	-0.37	7,956	8,424	227	275	39	-73	

Russian Federation	148,292	145,491	136,976	129,687	-0.19	-0.60	-0.55	65,782	81,557	5,707	5,305	2,738	2,025
San Marino	23	27	29	32	1.35	1.04	0.72	...	...	...	...	...	...
Serbia and Montenegro	10,156	10,552	10,404	10,192	0.38	-0.14	-0.21	3,411	3,944	174	146	117	97
Slovakia	5,256	5,399	5,430	5,384	0.27	0.06	-0.08	2,032	2,350	117	99	73	28
Slovenia	1,918	1,988	1,955	1,890	0.36	-0.16	-0.34	723	773	28	20	5	-3
Spain	39,303	39,910	39,569	38,272	0.15	-0.09	-0.33	12,693	13,039	326	100	4	-85
Sweden	8,559	8,842	8,703	8,571	0.33	-0.16	-0.15	4,285	5,158	201	253	255	164
Switzerland	6,834	7,170	7,073	6,860	0.48	-0.14	-0.31	3,303	4,028	207	199	182	137
TFYR Macedonia <sup>7</sup>	1,909	2,034	2,072	2,076	0.63	0.18	0.02	547	670	36	32	28	27
Ukraine	51,891	49,568	45,239	41,478	-0.46	-0.91	-0.87	15,855	18,072	704	749	471	294
United Kingdom	57,561	59,415	60,262	60,946	0.32	0.14	0.11	24,881	30,171	1,274	1,426	1,381	1,210
<b>LATIN AMERICA AND THE CARIBBEAN</b>													
<b>ANGUILLA</b>	<b>440,354</b>	<b>518,809</b>	<b>594,312</b>	<b>663,687</b>	<b>1.64</b>	<b>1.36</b>	<b>1.10</b>	<b>127,264</b>	<b>194,494</b>	<b>16,621</b>	<b>17,002</b>	<b>16,902</b>	<b>16,706</b>
Anguilla	8	11	15	18	2.97	2.44	1.91	...	...	...	...	...	...
Antigua and Barbuda	63	65	67	69	0.33	0.30	0.27	...	...	...	...	...	...
Argentina	32,527	37,032	41,474	45,347	1.30	1.13	0.89	10,557	15,012	1,075	1,104	1,127	1,148
Aruba	66	101	138	176	4.22	3.16	2.45	...	...	...	...	...	...
Bahamas	255	304	341	376	1.76	1.15	0.97	70	85	4	4	4	3
Barbados	257	267	277	283	0.39	0.34	0.24	85	104	5	5	5	4
Belize	186	226	268	306	1.98	1.70	1.30	48	87	8	9	11	11
Bolivia	6,573	8,329	10,229	12,193	2.37	2.06	1.76	1,616	2,596	205	230	261	284
Brazil	147,957	170,406	191,444	210,577	1.41	1.16	0.95	45,228	66,578	5,841	5,562	5,082	4,866
British Virgin Islands	17	24	30	34	3.16	2.27	1.38	...	...	...	...	...	...
Cayman Islands	26	38	52	66	3.73	3.05	2.37	...	...	...	...	...	...
Chile	13,100	15,211	17,010	18,774	1.49	1.12	0.99	4,133	6,573	533	610	638	658
Colombia	34,970	42,105	49,159	55,999	1.86	1.55	1.30	8,776	14,616	1,324	1,411	1,550	1,555
Costa Rica	3,049	4,024	4,857	5,592	2.77	1.88	1.41	1,026	1,881	210	219	212	214
Cuba	10,629	11,199	11,514	11,721	0.52	0.28	0.18	4,053	5,361	311	374	332	292
Dominica	71	71	70	70	-0.11	-0.06	-0.01	...	...	...	...	...	...
Dominican Republic	7,061	8,373	9,621	10,565	1.70	1.39	0.94	2,090	3,269	281	306	303	289
Ecuador	10,264	12,646	14,898	16,903	2.09	1.64	1.26	3,107	5,408	545	567	591	598
El Salvador	5,112	6,278	7,441	8,493	2.06	1.70	1.32	1,677	2,972	290	304	338	363
Falkland Islands (Malvinas)	2	2	3	3	1.32	1.16	1.02	...	...	...	...	...	...
French Guiana	116	165	223	290	3.48	3.01	2.62	...	...	...	...	...	...
Grenada	91	94	96	99	0.30	0.28	0.25	...	...	...	...	...	...
Guadeloupe	391	428	460	480	0.91	0.71	0.43	140	192	13	13	13	12
Guatemala	8,749	11,385	14,631	18,002	2.63	2.51	2.07	1,791	3,070	261	298	343	378
Guyana	731	761	763	728	0.39	0.04	-0.47	182	216	9	8	9	8
Haiti	6,907	8,142	9,500	10,905	1.65	1.54	1.38	1,583	2,584	228	272	240	261
Honduras	4,870	6,417	7,962	9,419	2.76	2.16	1.68	1,187	2,315	236	271	304	318
Jamaica	2,369	2,576	2,821	3,113	0.84	0.91	0.99	506	566	15	14	17	14
Martinique	360	383	402	416	0.62	0.48	0.34	127	162	9	10	9	8
Mexico	83,223	98,872	112,884	124,975	1.72	1.33	1.02	22,970	34,767	2,945	2,972	2,993	2,887
Montserrat	11	4	5	7	-10.51	3.22	2.47	...	...	...	...	...	...
Netherlands Antilles	188	215	234	249	1.37	0.83	0.64	68	97	7	7	8	7
Nicaragua	3,824	5,071	6,493	7,926	2.82	2.47	1.99	833	1,700	176	193	235	263
Panama	2,398	2,856	3,266	3,622	1.75	1.34	1.03	707	1,113	97	103	104	101
Paraguay	4,219	5,496	6,980	8,570	2.65	2.39	2.05	1,165	2,357	248	286	317	341
Peru	21,569	25,662	29,885	33,757	1.74	1.52	1.22	5,650	8,649	736	776	760	727
Puerto Rico	3,528	3,915	4,250	4,512	1.04	0.82	0.60	1,177	1,514	86	79	85	86
Saint Kitts and Nevis	42	38	36	35	-0.85	-0.64	-0.45	...	...	...	...	...	...
Saint Lucia	131	148	163	174	1.17	0.99	0.66	...	...	...	...	...	...
Saint Vincent and the Grenadines	106	113	120	126	0.69	0.59	0.49	...	...	...	...	...	...
Suriname	402	417	433	440	0.38	0.38	0.17	104	138	8	7	11	9
Trinidad and Tobago	1,215	1,294	1,358	1,420	0.63	0.48	0.45	296	362	25	21	13	8
Turks and Caicos Islands	12	17	23	29	3.68	3.01	2.34	...	...	...	...	...	...
United States Virgin Islands	104	121	134	146	1.48	1.05	0.85	...	...	...	...	...	...
Uruguay	3,106	3,337	3,566	3,771	0.72	0.66	0.56	1,023	1,290	59	64	69	75
Venezuela	19,502	24,170	28,716	32,911	2.15	1.72	1.36	5,288	8,859	831	904	918	917
<b>NORTHERN AMERICA</b>													
<b>BERMUDA</b>	<b>282,598</b>	<b>314,113</b>	<b>341,904</b>	<b>369,934</b>	<b>1.06</b>	<b>0.85</b>	<b>0.79</b>	<b>119,986</b>	<b>158,468</b>	<b>9,362</b>	<b>9,844</b>	<b>10,078</b>	<b>9,197</b>
Bermuda	59	63	67	71	0.66	0.62	0.57	...	...	...	...	...	...
Canada	27,701	30,757	33,216	35,598	1.05	0.77	0.69	12,690	18,171	1,360	1,399	1,430	1,292
Greenland	56	56	57	58	0.12	0.16	0.17	...	...	...	...	...	...
Saint Pierre and Miquelon	6	7	7	8	0.68	0.69	0.61	...	...	...	...	...	...
United States	254,776	283,230	308,557	334,200	1.06	0.86	0.80	107,296	140,297	8,002	8,445	8,648	7,905
<b>OCEANIA</b>													
<b>AMERICAN SAMOA</b>	<b>26,330</b>	<b>30,521</b>	<b>34,411</b>	<b>38,221</b>	<b>1.48</b>	<b>1.20</b>	<b>1.05</b>	<b>10,170</b>	<b>14,388</b>	<b>993</b>	<b>1,057</b>	<b>1,084</b>	<b>1,084</b>
American Samoa	47	68	91	117	3.60	3.02	2.44	...	...	...	...	...	...
Australia <sup>8</sup>	16,888	19,138	21,029	22,745	1.25	0.94	0.78	7,269	10,108	688	714	727	709
Cook Islands	18	20	21	22	0.68	0.66	0.63	...	...	...	...	...	...
Fiji	724	814	896	943	1.17	0.97	0.51	156	222	18	17	16	15
French Polynesia	195	233	271	303	1.78	1.48	1.14	54	80	6	7	7	6
Guam	134	155	191	226	1.47	2.07	1.71	37	50	2	3	4	3
Kiribati	72	83	94	106	1.44	1.30	1.16	...	...	...	...	...	...
Marshall Islands	44	51	58	65	1.41	1.28	1.14	...	...	...	...	...	...
Micronesia (Fed. States of)	94	123	155	188	2.61	2.33	1.95	...	...	...	...	...	...
Nauru	9	12	15	18	2.60	2.24	1.88	...	...	...	...	...	...
New Caledonia	171	215	258	297	2.30	1.81	1.41	56	80	6	5	6	6
New Zealand	3,360	3,778	4,041	4,223	1.17	0.67	0.44	1,428	1,958	122	137	135	137
Niue	2	2	2	2	-1.45	-1.06	-0.68	...	...	...	...	...	...

TABLE B.1

continued

	Total population							Number of households						
	Estimates and projections (000)				Annual growth rate (%)			Estimates and projections (000)		5-year increments (000)				
	1990	2000	2010	2020	1990– 2000	2000– 2010	2010– 2020	2000	2020	2000–2005	2005–2010	2010–2015	2015–2020	
Northern Mariana														
Islands	44	73	106	141	5.02	3.79	2.84	...	...	...	...	...	...	
Palau	15	19	23	28	2.32	2.01	1.70	...	...	...	...	...	...	
Papua New Guinea	3,762	4,809	5,989	7,327	2.46	2.19	2.02	1,028	1,643	130	148	161	176	
Pitcairn	-	-	-	-	0.30	-	-	...	...	...	...	...	...	
Samoa	160	159	168	190	-0.10	0.58	1.24	36	57	4	5	6	7	
Solomon Islands	319	447	619	828	3.40	3.24	2.91	73	136	13	15	17	18	
Tokelau	2	1	1	1	-0.99	-	-	...	...	...	...	...	...	
Tonga	96	99	103	107	0.34	0.38	0.42	...	...	...	...	...	...	
Tuvalu	9	10	12	13	1.45	1.28	1.11	...	...	...	...	...	...	
Vanuatu	149	197	252	313	2.75	2.47	2.16	34	54	4	5	5	5	
Wallis and Futuna Islands	14	14	15	16	0.55	0.55	0.56	...	...	...	...	...	...	

Notes: 1 Including Agalega, Rodrigues and Saint Brandon. 2 Including Ascension and Tristan da Cunha. 3 For statistical purposes, the data for China do not include Hong Kong and Macao Special Administrative Regions (SAR) of China. 4 As of 1 July 1997, Hong Kong became a SAR of China. 5 As of 20 December 1999, Macao became a SAR of China. 6 Refers to the Vatican City State.

7 The former Yugoslav Republic of Macedonia. 8 Including Christmas Island, Cocos (Keeling) Islands and Norfolk Island.

Sources: United Nations, *World Urbanization Prospects: The 2001 revision*; UN-Habitat, *Household Projections, 2nd revision*.

TABLE B.2

## Urbanization Trends, Size and Growth of Urban and Rural Population

	Urban population							Rural population						
	Level of urbanization (%)			Estimates and projections (000)			Annual growth rate (%)		Estimates and projections (000)			Annual growth rate (%)		
	2000	2010	2020	2000	2010	2020	2000– 2010	2010– 2020	2000	2010	2020	2000– 2010	2010– 2020	
<b>WORLD</b>	47.2	51.5	55.9	2,861,756	3,513,700	4,236,927	2.05	1.87	3,194,959	3,312,036	3,342,351	0.36	0.09	
<b>AFRICA</b>	37.2	42.7	47.9	295,228	425,596	589,408	3.66	3.26	498,400	571,364	641,567	1.37	1.16	
Algeria	57.1	62.6	67.5	17,311	22,323	27,301	2.54	2.01	12,980	13,312	13,117	0.25	-0.15	
Angola	34.2	40.8	47.4	4,492	7,251	11,490	4.79	4.60	8,642	10,514	12,773	1.96	1.95	
Benin	42.3	49.7	55.9	2,651	4,111	5,981	4.39	3.75	3,621	4,168	4,716	1.41	1.24	
Botswana	49.0	53.5	58.6	756	871	1,036	1.42	1.74	786	757	731	-0.37	-0.35	
Burkina Faso	16.5	20.5	26.0	1,905	3,235	5,630	5.29	5.54	9,630	12,529	16,037	2.63	2.47	
Burundi	9.0	12.5	16.7	569	1,079	1,856	6.40	5.42	5,787	7,583	9,228	2.70	1.96	
Cameroon	48.9	56.0	61.5	7,277	10,283	13,611	3.46	2.80	7,599	8,064	8,510	0.59	0.54	
Cape Verde	62.2	71.6	75.3	266	374	457	3.42	2.01	161	148	150	-0.85	0.14	
Central African Republic	41.2	46.5	52.8	1,531	2,061	2,834	2.97	3.19	2,186	2,369	2,535	0.80	0.68	
Chad	23.8	28.1	34.2	1,876	3,005	4,877	4.71	4.84	6,010	7,685	9,398	2.46	2.01	
Comoros	33.2	39.4	45.9	235	370	549	4.54	3.96	471	569	648	1.88	1.29	
Congo	65.4	70.6	74.4	1,974	2,884	4,064	3.79	3.43	1,045	1,201	1,400	1.39	1.53	
Côte d'Ivoire	43.6	48.2	53.7	6,984	9,465	12,540	3.04	2.81	9,029	10,160	10,813	1.18	0.62	
Dem. Republic of the Congo	30.3	36.0	42.6	15,427	25,629	41,997	5.08	4.94	35,521	45,643	56,624	2.51	2.16	
Djibouti	84.0	86.0	87.7	531	584	655	0.95	1.15	101	95	92	-0.61	-0.36	
Egypt	42.7	44.0	48.2	28,970	34,871	43,252	1.85	2.15	38,914	44,389	46,434	1.32	0.45	
Equatorial Guinea	48.2	57.9	63.9	220	351	503	4.66	3.62	237	255	284	0.73	1.09	
Eritrea	18.7	23.2	29.3	685	1,184	1,867	5.47	4.55	2,973	3,913	4,515	2.75	1.43	
Ethiopia	15.5	19.5	24.8	9,762	15,564	25,080	4.66	4.77	53,146	64,290	75,864	1.90	1.66	
Gabon	81.4	87.5	89.6	1,002	1,372	1,758	3.15	2.48	228	196	204	-1.53	0.38	
Gambia	30.7	37.1	43.8	399	604	846	4.13	3.37	903	1,022	1,087	1.24	0.61	
Ghana	36.1	39.9	45.3	6,963	9,545	13,021	3.15	3.11	12,342	14,393	15,735	1.54	0.89	
Guinea	27.5	32.5	38.6	2,242	3,252	4,896	3.72	4.09	5,912	6,743	7,785	1.32	1.44	
Guinea-Bissau	31.5	39.4	46.3	378	603	898	4.67	3.98	821	928	1,042	1.22	1.16	
Kenya	33.4	42.9	50.8	10,234	15,857	21,710	4.38	3.14	20,435	21,084	20,985	0.31	-0.05	
Lesotho	28.0	35.6	42.2	569	757	919	2.86	1.94	1,466	1,370	1,258	-0.68	-0.85	
Liberia	44.9	50.9	56.8	1,308	2,384	3,703	6.00	4.40	1,605	2,298	2,813	3.59	2.02	
Libyan Arab Jamahiriya	87.6	89.7	90.9	4,635	5,858	6,829	2.34	1.53	654	673	681	0.28	0.12	
Madagascar	29.5	36.1	42.8	4,710	7,610	11,679	4.80	4.28	11,261	13,486	15,640	1.80	1.48	
Malawi	14.7	18.8	24.0	1,665	2,638	4,201	4.60	4.65	9,643	11,386	13,306	1.66	1.56	
Mali	30.2	37.2	44.2	3,427	5,668	9,007	5.03	4.63	7,924	9,566	11,383	1.88	1.74	
Mauritania	57.7	69.7	76.9	1,539	2,491	3,619	4.82	3.73	1,126	1,086	1,089	-0.36	0.03	
Mauritius <sup>1</sup>	41.3	45.3	51.7	480	570	693	1.72	1.97	682	686	648	0.07	-0.57	
Morocco	55.5	61.7	66.7	16,571	21,796	26,583	2.74	1.99	13,307	13,528	13,250	0.16	-0.21	
Mozambique	32.1	43.4	52.1	5,874	9,397	13,382	4.70	3.53	12,419	12,251	12,291	-0.14	0.03	
Namibia	30.9	36.3	42.8	542	762	1,089	3.40	3.57	1,214	1,335	1,458	0.95	0.88	
Niger	20.6	26.1	32.3	2,228	4,054	7,068	5.99	5.56	8,604	11,496	14,785	2.90	2.52	
Nigeria	44.1	52.1	58.3	50,175	76,559	107,428	4.23	3.39	63,687	70,376	76,819	1.00	0.88	
Réunion	71.4	77.1	80.9	515	624	711	1.92	1.29	206	185	168	-1.07	-0.96	
Rwanda	6.2	7.7	10.4	468	728	1,218	4.42	5.15	7,141	8,697	10,444	1.97	1.83	
Saint Helena <sup>2</sup>	70.6	79.0	81.7	4	5	6	1.96	1.17	2	1	1	-2.52	-0.52	
Sao Tome and Principe	47.0	53.5	59.2	65	88	114	3.03	2.64	73	76	79	0.42	0.31	
Senegal	47.4	54.3	60.2	4,469	6,549	9,037	3.82	3.22	4,952	5,503	5,986	1.06	0.84	
Seychelles	63.8	70.4	74.2	51	64	77	2.25	1.76	29	27	27	-0.72	-0.15	

Sierra Leone	36.6	43.4	49.9	1,614	2,729	4,008	5.25	3.84	2,791	3,554	4,028	2.42	1.25
Somalia	27.5	32.6	39.2	2,413	4,262	7,102	5.69	5.11	6,365	8,804	11,010	3.24	2.24
South Africa	56.9	64.2	69.6	24,629	28,975	30,624	1.63	0.55	18,680	16,165	13,353	-1.45	-1.91
Sudan	36.1	45.0	51.8	11,231	17,383	23,887	4.37	3.18	19,864	21,284	22,228	0.69	0.43
Swaziland	26.4	30.2	35.6	244	298	384	2.01	2.52	681	689	693	0.12	0.05
Togo	33.4	39.3	45.9	1,510	2,292	3,390	4.17	3.92	3,017	3,534	3,992	1.58	1.22
Tunisia	65.5	71.3	75.2	6,198	7,576	8,909	2.01	1.62	3,261	3,052	2,933	-0.66	-0.40
Uganda	14.2	18.2	23.5	3,299	5,936	10,740	5.87	5.93	20,001	26,652	35,047	2.87	2.74
United Republic of Tanzania	32.3	42.2	49.4	11,327	18,573	27,091	4.95	3.78	23,792	25,489	27,784	0.69	0.86
Western Sahara	95.4	97.5	98.0	240	323	396	2.96	2.04	12	8	8	-3.48	-0.22
Zambia	39.6	42.6	48.4	4,128	5,539	8,151	2.94	3.86	6,293	7,449	8,682	1.69	1.53
Zimbabwe	35.3	42.5	49.1	4,459	6,380	8,652	3.58	3.05	8,168	8,648	8,980	0.57	0.38
<b>ASIA</b>	<b>37.5</b>	<b>43.0</b>	<b>48.7</b>	<b>1,375,519</b>	<b>1,783,600</b>	<b>2,231,108</b>	<b>2.60</b>	<b>2.24</b>	<b>2,296,822</b>	<b>2,361,337</b>	<b>2,350,476</b>	<b>0.28</b>	<b>-0.05</b>
Afghanistan	21.9	27.0	33.3	4,762	8,443	13,392	5.73	4.61	17,003	22,864	26,814	2.96	1.59
Armenia	67.2	68.5	71.4	2,545	2,609	2,705	0.25	0.36	1,242	1,199	1,084	-0.35	-1.01
Azerbaijan	51.9	52.5	56.0	4,173	4,461	5,005	0.67	1.15	3,868	4,037	3,929	0.43	-0.27
Bahrain	92.2	94.4	95.3	590	702	803	1.74	1.34	50	42	40	-1.76	-0.39
Bangladesh	25.0	31.1	37.7	34,354	52,223	74,432	4.19	3.54	103,085	115,703	123,209	1.15	0.63
Bhutan	7.1	9.9	13.5	149	268	465	5.87	5.52	1,936	2,439	2,989	2.31	2.03
Brunei Darussalam	72.2	76.9	80.1	237	299	357	2.31	1.78	91	90	89	-0.17	-0.10
Cambodia	16.9	22.8	29.5	2,216	3,796	6,052	5.39	4.66	10,889	12,833	14,477	1.64	1.21
China <sup>3</sup>	35.8	45.2	53.4	456,340	617,348	771,861	3.02	2.23	818,793	748,866	674,231	-0.89	-1.05
China, Hong Kong SAR <sup>4</sup>	100.0	100.0	100.0	6,860	7,659	8,365	1.10	0.88	-	-	-	-	-
China, Macau SAR <sup>5</sup>	98.8	99.0	99.1	439	476	511	0.81	0.70	5	5	5	-0.37	-0.48
Cyprus	69.9	73.0	76.2	548	614	674	1.13	0.94	236	227	210	-0.38	-0.75
Dem. People's Rep. of Korea	60.2	63.5	67.9	13,415	15,046	17,074	1.15	1.26	8,854	8,642	8,085	-0.24	-0.67
Georgia	56.3	59.2	63.9	2,962	2,935	2,929	-0.09	-0.02	2,300	2,021	1,654	-1.29	-2.00
India	27.7	30.3	34.7	279,045	352,246	447,535	2.33	2.39	729,893	811,774	843,755	1.06	0.39
Indonesia	41.0	50.9	58.4	86,943	120,986	153,006	3.30	2.35	125,149	116,725	108,891	-0.70	-0.69
Iran (Islamic Republic of)	64.0	70.6	75.5	45,023	57,032	70,574	2.36	2.13	25,307	23,777	22,938	-0.62	-0.36
Iraq	67.5	67.7	70.1	15,493	20,268	25,971	2.69	2.48	7,453	9,649	11,082	2.58	1.39
Israel	91.6	93.0	93.9	5,535	6,738	7,604	1.97	1.21	505	511	493	0.11	-0.35
Japan	78.8	80.5	82.6	100,089	103,211	104,039	0.31	0.08	27,007	21,920	21,920	-0.77	-1.32
Jordan	78.7	80.1	82.2	3,867	5,147	6,524	2.86	2.37	1,046	1,275	1,416	1.98	1.05
Kazakhstan	55.8	56.7	60.2	9,031	8,960	9,677	-0.08	0.77	7,142	6,840	6,396	-0.43	-0.67
Kuwait	96.0	96.7	97.1	1,838	2,391	2,930	2.63	2.03	76	82	87	0.66	0.65
Kyrgyzstan	34.4	34.7	38.3	1,692	1,912	2,360	1.22	2.11	3,229	3,598	3,801	1.08	0.55
Lao People's Dem. Republic	19.3	24.2	30.2	1,018	1,602	2,436	4.54	4.19	4,261	5,009	5,618	1.62	1.15
Lebanon	89.7	92.1	93.1	3,138	3,700	4,102	1.65	1.03	359	316	306	-1.26	-0.33
Malaysia	57.4	63.8	68.6	12,758	16,680	20,325	2.68	1.98	9,461	9,466	9,283	0.00	-0.19
Maldives	27.6	32.3	38.3	80	127	197	4.58	4.42	211	266	319	2.32	1.82
Mongolia	56.6	58.0	61.6	1,434	1,663	2,027	1.48	1.98	1,100	1,206	1,264	0.93	0.47
Myanmar	27.7	33.4	40.0	13,220	17,712	23,121	2.92	2.67	34,529	35,278	34,635	0.21	-0.18
Nepal	11.8	15.6	20.4	2,730	4,523	7,245	5.05	4.71	20,313	24,399	28,203	1.83	1.45
Occupied Palestinian Territory	66.8	70.0	73.5	2,132	3,167	4,550	3.96	3.62	1,059	1,358	1,644	2.49	1.91
Oman	76.0	80.8	83.9	1,928	2,841	3,982	3.88	3.38	610	674	762	1.00	1.23
Pakistan	33.1	36.9	42.4	46,757	66,966	96,534	3.59	3.66	94,499	114,418	131,247	1.91	1.37
Philippines	58.6	66.1	71.4	44,295	59,398	72,452	2.93	1.99	31,358	30,490	28,972	-0.28	-0.51
Qatar	92.7	94.5	95.4	524	617	694	1.63	1.19	41	36	33	-1.35	-0.83
Republic of Korea	81.9	86.7	89.2	38,269	43,024	45,877	1.17	0.64	8,471	6,599	5,531	-2.50	-1.76
Saudi Arabia	86.2	90.0	91.6	17,531	24,837	33,054	3.48	2.86	2,815	2,751	3,041	-0.23	1.00
Singapore	100.0	100.0	100.0	4,018	4,604	4,879	1.36	0.58	-	-	-	-	-
Sri Lanka	22.8	26.8	33.2	4,314	5,552	7,312	2.52	2.75	14,610	15,147	14,745	0.36	-0.27
Syrian Arab Republic	51.4	55.4	60.6	8,324	11,519	15,435	3.25	2.93	7,865	9,262	10,021	1.63	0.79
Tajikistan	27.6	27.9	32.8	1,681	1,845	2,491	0.93	3.00	4,406	4,773	5,111	0.80	0.68
Thailand	19.8	22.3	26.7	12,453	15,517	20,080	2.20	2.58	50,352	54,164	55,017	0.73	0.16
Timor-Leste	7.5	8.4	11.1	55	86	129	4.44	4.08	682	933	1,031	3.14	1.00
Turkey	65.8	69.9	73.7	43,844	52,491	61,060	1.80	1.51	22,824	22,654	21,826	-0.07	-0.37
Turkmenistan	44.8	47.5	53.0	2,122	2,683	3,416	2.35	2.41	2,616	2,968	3,032	1.26	0.21
United Arab Emirates	86.7	90.5	92.4	2,260	2,765	3,107	2.02	1.17	346	291	257	-1.05	-1.24
Uzbekistan	36.7	37.1	40.7	9,140	10,574	13,212	1.46	2.23	15,740	17,965	19,284	1.32	0.71
Viet Nam	24.1	28.8	34.7	18,816	25,547	34,770	3.06	3.08	59,321	63,137	65,436	0.62	0.36
Yemen	24.7	28.5	34.4	4,534	7,789	13,775	5.41	5.70	13,815	19,569	26,260	3.48	2.94
<b>EUROPE</b>	<b>73.4</b>	<b>75.1</b>	<b>77.6</b>	<b>534,061</b>	<b>535,949</b>	<b>539,532</b>	<b>0.04</b>	<b>0.07</b>	<b>193,242</b>	<b>177,263</b>	<b>155,344</b>	<b>-0.86</b>	<b>-1.32</b>
Albania	42.3	48.7	54.9	1,326	1,614	1,956	1.97	1.92	1,808	1,697	1,608	-0.63	-0.54
Andorra	92.4	91.3	91.3	79	115	151	3.69	2.71	7	11	14	5.16	2.71
Austria	67.3	69.3	72.9	5,436	5,515	5,639	0.14	0.22	2,643	2,438	2,096	-0.81	-1.51
Belarus	69.4	71.3	74.2	7,073	7,001	7,053	-0.10	0.07	3,114	2,818	2,455	-1.00	-1.38
Belgium	97.3	97.9	98.2	9,976	10,076	10,058	0.10	-0.02	273	220	186	-2.15	-1.67
Bosnia and Herzegovina	43.0	47.9	53.8	1,709	2,046	2,285	1.80	1.10	2,269	2,223	1,959	-0.20	-1.26
Bulgaria	67.5	68.2	70.9	5,363	4,901	4,585	-0.90	-0.67	2,587	2,284	1,882	-1.24	-1.94
Channel Islands	28.9	30.0	34.2	42	43	48	0.35	1.08	103	101	93	-0.17	-0.82
Croatia	57.7	62.1	66.8	2,686	2,887	3,056	0.72	0.57	1,967	1,763	1,522	-1.09	-1.47
Czech Republic	74.5	75.4	77.6	7,653	7,645	7,680	-0.01	0.05	2,619	2,492	2,215	-0.50	-1.18
Denmark	85.1	85.3	86.2	4,527	4,584	4,627	0.12	0.09	793	790	739	-0.03	-0.67
Estonia	69.4	70.2	72.8	967	880	821	-0.94	-0.70	427	373	306	-1.35	-1.96
Faeroe Islands	37.9	43.4	49.4	18	22	27	2.24	1.92	29	29	27	-0.02	-0.51
Finland	59.0	59.0	59.9	3,050	3,059	3,093	0.03	0.11	2,122	2,129	2,072	0.03	-0.27
France	75.4	77.2	79.6	44,649	47,268	49,705	0.57	0.50	14,588	13,935	12,707	-0.46	-0.92
Germany	87.5	89.2	90.5	71,798	72,595	72,303	0.11	-0.04	10,218	8,758	7,561	-1.54	-1.47
Gibraltar	100.0	100.0	100.0	27	26	25	-0.18	-0.33	-	-	-	-	-
Greece	60.1	63.1	67.4	6,376	6,672	6,959	0.45	0.42	4,234	3,908	3,366	-0.80	-1.49
Holy See <sup>6</sup>	100.0	100.0	100.0	1	1	1	0.00	0.00	-	-	-	-	-
Hungary	64.5	67.6	71.3	6,434	6,418	6,428	-0.03	0.02	3,534	3,071	2,593	-1.40	-1.69
Iceland	92.5	93.8	94.7	258	279	296	0.76	0.59	21	18	17	-1.34	-1.05
Ireland	59.0	62.1	66.1	2,244	2,608	3,037	1.50	1.52	1,559	1,593	1,557	0.22	-0.23
Isle of Man	76.6	79.3	82.0	58	64	69	1.13	0.66	18	17	15	-0.48	-1.01
Italy	66.9	69.0	72.6	38,512	38,906	39,092	0.10	0.05	19,018	17,485	14,769	-0.84	-1.69
Latvia	60.4	60.4	60.7	1,463	1,383	1,312	-0.56	-0.52	957	905	848	-0.56	-0.65



TABLE B.2

continued

	Urban population									Rural population				
	Level of urbanization (%)			Estimates and projections (000)			Annual growth rate (%)			Estimates and projections (000)			Annual growth rate (%)	
	2000	2010	2020	2000	2010	2020	2000–2010	2010–2020	2000	2010	2020	2000–2010	2010–2020	
Liechtenstein	21.4	23.7	28.2	7	9	11	1.99	2.39	26	27	28	0.69	0.05	
Lithuania	68.5	70.2	73.2	2,532	2,525	2,548	-0.03	0.09	1,164	1,069	935	-0.85	-1.35	
Luxembourg	91.5	94.3	95.5	400	462	522	1.45	1.21	37	28	25	-2.78	-1.34	
Malta	90.9	93.0	94.2	355	377	392	0.60	0.39	35	28	24	-2.27	-1.59	
Monaco	100.0	100.0	100.0	33	36	38	0.81	0.53	-	-	-	-	-	
Netherlands	89.5	90.5	91.6	14,197	14,767	15,116	0.39	0.23	1,667	1,546	1,392	-0.75	-1.05	
Norway	74.7	77.5	80.2	3,339	3,576	3,798	0.69	0.60	1,130	1,038	936	-0.86	-1.04	
Poland	62.3	64.8	68.5	24,069	24,805	25,834	0.30	0.41	14,536	13,448	11,906	-0.78	-1.22	
Portugal	64.4	74.7	79.0	6,453	7,536	7,850	1.55	0.41	3,563	2,546	2,090	-3.36	-1.97	
Republic of Moldova	41.6	43.3	47.7	1,786	1,814	1,961	0.16	0.78	2,509	2,375	2,148	-0.55	-1.00	
Romania	55.1	57.4	61.5	12,360	12,532	12,927	0.14	0.31	10,078	9,287	8,099	-0.82	-1.37	
Russian Federation	72.9	73.3	75.0	106,063	100,358	97,308	-0.55	-0.31	39,428	36,618	32,380	-0.74	-1.23	
San Marino	90.2	91.7	92.7	24	27	29	1.19	0.84	3	2	2	-0.53	-0.67	
Serbia and Montenegro	51.6	53.7	57.8	5,443	5,583	5,892	0.25	0.54	5,109	4,821	4,300	-0.58	-1.14	
Slovakia	57.4	60.0	64.5	3,100	3,257	3,475	0.49	0.65	2,299	2,173	1,909	-0.56	-1.29	
Slovenia	49.2	50.0	53.9	978	979	1,018	0.01	0.40	1,010	977	872	-0.34	-1.14	
Spain	77.6	79.9	82.3	30,974	31,633	31,499	0.21	-0.04	8,936	7,936	6,773	-1.19	-1.58	
Sweden	83.3	83.7	84.9	7,364	7,286	7,274	-0.11	-0.02	1,478	1,417	1,296	-0.42	-0.89	
Switzerland	67.4	68.3	71.1	4,834	4,833	4,875	0.00	0.09	2,337	2,240	1,985	-0.42	-1.21	
TFYR Macedonia <sup>7</sup>	59.4	60.5	63.9	1,258	1,254	1,326	0.37	0.56	826	818	749	-0.10	-0.87	
Ukraine	67.9	69.2	72.0	33,657	31,299	29,867	-0.73	-0.47	15,911	13,941	11,612	-1.32	-1.83	
United Kingdom	89.5	90.3	91.3	53,162	54,394	55,670	0.23	0.23	6,253	5,867	5,276	-0.64	-1.06	
<b>LATIN AMERICA AND THE CARIBBEAN</b>	<b>75.4</b>	<b>79.0</b>	<b>81.8</b>	<b>391,342</b>	<b>469,755</b>	<b>543,166</b>	<b>1.83</b>	<b>1.45</b>	<b>127,467</b>	<b>124,558</b>	<b>120,521</b>	<b>-0.23</b>	<b>-0.33</b>	
Anguilla	100.0	100.0	100.0	11	15	18	2.44	1.91	-	-	-	-	-	
Antigua and Barbuda	36.8	40.5	46.5	24	27	32	1.26	1.65	41	40	37	-0.30	-0.79	
Argentina	88.2	89.6	90.8	32,662	37,160	41,196	1.29	1.03	4,370	4,314	4,151	-0.13	-0.38	
Aruba	50.8	53.7	58.9	51	74	104	3.72	3.37	49	64	72	2.54	1.28	
Bahamas	88.5	90.9	92.0	269	310	346	1.41	1.09	35	31	30	-1.17	-0.30	
Barbados	50.0	55.6	61.1	134	154	173	1.41	1.19	134	123	110	-0.85	-1.09	
Belize	48.0	49.9	54.1	109	134	165	2.09	2.12	118	135	140	1.34	0.42	
Bolivia	62.4	67.6	71.9	5,193	6,917	8,765	2.87	2.37	3,136	3,312	3,427	0.55	0.34	
Brazil	81.2	86.0	88.9	138,287	164,724	187,281	1.75	1.28	32,119	26,720	23,297	-1.84	-1.37	
British Virgin Islands	61.1	68.7	73.3	14	20	25	3.45	2.02	9	9	9	0.07	-0.18	
Cayman Islands	100.0	100.0	100.0	38	52	66	3.05	2.37	-	-	-	-	-	
Chile	85.8	88.2	89.8	13,049	14,997	16,868	1.39	1.18	2,162	2,014	1,906	-0.71	-0.55	
Colombia	75.0	79.6	82.8	31,566	39,129	46,341	2.15	1.69	10,538	10,031	9,659	-0.49	-0.38	
Costa Rica	59.0	64.1	68.8	2,374	3,115	3,847	2.72	2.11	1,649	1,742	1,745	0.54	0.02	
Cuba	75.3	77.3	79.7	8,435	8,898	9,344	0.53	0.49	2,764	2,616	2,377	-0.55	-0.96	
Dominica	71.0	74.4	77.6	50	52	54	0.40	0.42	20	18	16	-1.29	-1.35	
Dominican Republic	65.4	70.9	74.8	5,475	6,818	7,905	2.19	1.48	2,898	2,803	2,660	-0.33	-0.52	
Ecuador	63.0	67.3	71.4	7,967	10,025	12,066	2.30	1.85	4,679	4,873	4,837	0.41	-0.07	
El Salvador	60.3	69.9	75.6	3,786	5,204	6,423	3.18	2.10	2,492	2,237	2,070	-1.08	-0.78	
Falkland Islands (Malvinas)	80.8	84.8	87.3	2	2	3	1.65	1.31	-	-	-	-1.17	-0.76	
French Guiana	75.1	76.4	78.7	124	170	228	3.19	2.92	41	52	62	2.45	1.60	
Grenada	37.9	43.9	50.3	35	42	50	1.75	1.61	58	54	49	-0.74	-0.96	
Guadeloupe	99.6	99.8	99.9	426	459	479	0.74	0.44	2	1	-	-8.77	-4.30	
Guatemala	39.7	43.5	49.4	4,515	6,358	8,885	3.42	3.35	6,870	8,273	9,117	1.86	0.97	
Guyana	36.3	41.0	47.2	276	313	344	1.26	0.93	485	450	384	-0.74	-1.58	
Haiti	35.7	42.3	48.8	2,906	4,014	5,325	3.23	2.83	5,236	5,486	5,580	0.47	0.17	
Honduras	52.7	61.2	66.7	3,384	4,873	6,280	3.65	2.54	3,033	3,089	3,139	0.18	0.16	
Jamaica	56.1	61.0	65.9	1,445	1,722	2,052	1.75	1.76	1,131	1,099	1,061	-0.29	-0.35	
Martinique	94.9	96.9	97.7	364	390	406	0.69	0.41	19	12	10	-4.47	-2.50	
Mexico	74.4	76.6	79.2	73,531	86,500	99,017	1.62	1.35	25,341	26,384	25,958	0.40	-0.16	
Montserrat	13.0	15.1	19.3	-	1	1	4.72	4.97	3	4	5	2.98	1.96	
Netherlands Antilles	69.2	71.4	74.8	149	167	186	1.15	1.10	66	67	63	0.07	-0.61	
Nicaragua	56.1	60.3	65.1	2,847	3,912	5,156	3.18	2.76	2,225	2,580	2,769	1.48	0.71	
Panama	56.3	59.6	64.0	1,606	1,948	2,317	1.93	1.73	1,249	1,318	1,305	0.54	-0.10	
Paraguay	56.0	62.3	67.3	3,077	4,348	5,766	3.46	2.82	2,420	2,632	2,804	0.84	0.63	
Peru	72.8	76.3	79.3	18,674	22,798	26,778	2.00	1.61	6,988	7,088	6,979	0.14	-0.16	
Puerto Rico	75.2	78.5	81.3	2,945	3,337	3,666	1.25	0.94	970	912	846	-0.61	-0.76	
Saint Kitts and Nevis	34.1	36.8	42.6	13	13	15	0.11	1.02	25	23	20	-1.04	-1.41	
Saint Lucia	37.8	41.0	46.9	56	67	82	1.82	1.99	92	96	93	0.46	-0.39	
Saint Vincent and the Grenadines	54.8	64.8	70.1	62	78	88	2.26	1.28	51	42	38	-1.90	-1.15	
Suriname	74.1	79.6	82.5	309	345	363	1.09	0.53	108	89	77	-1.99	-1.40	
Trinidad and Tobago	74.1	77.9	80.7	959	1,058	1,146	0.98	0.80	335	301	275	-1.09	-0.91	
Turks and Caicos Islands	45.2	49.9	55.9	8	11	16	4.01	3.48	9	11	13	2.11	1.06	
United States Virgin Islands	46.4	49.7	54.5	56	67	80	1.72	1.77	65	68	66	0.42	-0.16	
Uruguay	91.9	93.8	94.8	3,067	3,343	3,575	0.86	0.67	270	222	196	-1.94	-1.27	
Venezuela	86.9	89.1	90.7	21,010	25,594	29,842	1.97	1.54	3,160	3,122	3,068	-0.12	-0.17	
<b>NORTHERN AMERICA</b>	<b>77.4</b>	<b>79.8</b>	<b>82.3</b>	<b>242,999</b>	<b>272,759</b>	<b>304,503</b>	<b>1.16</b>	<b>1.10</b>	<b>71,114</b>	<b>69,145</b>	<b>65,431</b>	<b>-0.28</b>	<b>-0.55</b>	
Bermuda	100.0	100.0	100.0	63	67	71	0.62	0.57	-	-	-	-	-	
Canada	78.7	80.8	83.0	24,206	26,841	29,552	1.03	0.96	6,551	6,375	6,046	-0.27	-0.53	
Greenland	82.0	84.2	86.2	46	48	50	0.43	0.40	10	9	8	-1.14	-1.15	
Saint Pierre and Miquelon	92.1	93.1	93.9	6	7	7	0.79	0.69	1	1	-	-0.63	-0.63	
United States	77.2	79.7	82.2	218,678	245,796	274,823	1.17	1.12	64,553	62,761	59,376	-0.28	-0.55	

OCEANIA	74.1	75.7	76.4	22,607	26,041	29,209	1.41	1.15	7,913	8,370	9,012	0.56	0.74
American Samoa	52.7	57.9	63.2	36	53	74	3.97	3.32	32	38	43	1.85	1.10
Australia <sup>9</sup>	90.7	94.0	95.4	17,361	19,764	21,690	1.30	0.93	1,777	1,265	1,054	-3.40	-1.82
Cook Islands	59.0	61.0	64.7	12	13	14	0.99	1.22	8	8	8	0.15	-0.36
Fiji	49.4	56.7	62.8	402	508	592	2.34	1.53	411	388	351	-0.59	-0.99
French Polynesia	52.7	52.9	56.0	123	143	170	1.51	1.71	110	128	134	1.45	0.46
Guam	39.2	43.4	49.9	61	83	113	3.09	3.09	94	108	113	1.35	0.50
Kiribati	38.2	42.8	48.5	32	40	51	2.45	2.41	51	54	55	0.53	0.12
Marshall Islands	65.8	67.9	71.2	34	39	46	1.59	1.61	17	19	19	0.63	0.08
Micronesia (Fed. States of)	28.3	32.3	38.4	35	50	72	3.63	3.67	88	105	116	1.76	1.01
Nauru	100.0	100.0	100.0	12	15	18	2.24	1.88	-	-	-	-	-
New Caledonia	76.9	85.4	89.0	166	220	264	2.85	1.82	50	38	33	-2.77	-1.43
New Zealand	85.8	86.9	88.1	3,243	3,510	3,722	0.79	0.59	535	530	501	-0.09	-0.57
Niue	32.8	36.6	42.0	1	1	1	0.05	0.70	1	1	1	-1.65	-1.57
Northern Mariana Islands	52.7	54.5	58.5	38	58	83	4.12	3.55	34	48	59	3.40	1.92
Palau	69.5	69.5	71.1	13	16	20	2.01	1.93	6	7	8	2.01	1.17
Papua New Guinea	17.4	20.3	24.6	836	1,217	1,806	3.75	3.94	3,973	4,772	5,521	1.83	1.46
Pitcairn	-	-	-	-	-	-	-	-	-	-	-	-	-
Samoa	22.1	25.1	30.7	35	42	58	1.88	3.25	124	126	132	0.17	0.46
Solomon Islands	19.7	25.5	31.7	88	158	263	5.84	5.09	359	461	565	2.48	2.03
Tokelau	-	-	-	-	-	-	-	-	1	1	1	-	-
Tonga	32.7	35.8	40.9	32	37	44	1.27	1.76	67	66	63	-0.08	-0.41
Tuvalu	52.2	60.9	66.5	5	7	9	2.83	1.98	5	5	4	-0.73	-0.41
Vanuatu	21.7	25.9	31.5	43	65	99	4.25	4.11	154	187	214	1.91	1.38
Wallis and Futuna Islands	-	-	-	-	-	-	-	-	14	15	16	0.55	0.56

Notes: A figure of 0 means the population was below 500 persons. 1 Including Agalega, Rodrigues and Saint Brandon. 2 Including Ascension and Tristan da Cunha.

3 For statistical purposes, the data for China do not include Hong Kong and Macao Special Administrative Regions (SAR) of China. 4 As of 1 July 1997, Hong Kong became a SAR of China. 5 As of 20 December 1999, Macao became a SAR of China. 6 Refers to the Vatican City State. 7 The former Yugoslav Republic of Macedonia. 8 Including Christmas Island, Cocos (Keeling) Islands and Norfolk Island.

Source: United Nations, *World Urbanization Prospects: The 2001 Revision*.

TABLE B.3

## Housing Ownership and Water and Toilet Facilities, Selected Countries

	Year	Occupied housing units						Housing units with		
		All households			Women-headed households			piped water	toilet inside	
		Number	Owner occupied (%)	Tenants <sup>a</sup> (%)	Number	Owner occupied (%)	Tenants <sup>a</sup> (%)			
<b>AFRICA</b>										
Benin <sup>1</sup>	Total	1994	832,526	59.4	23.4	...	...	...	21.0	
Benin <sup>1</sup>	Urban	1994	306,780	39.7	27.6	...	...	...	...	
Benin <sup>1</sup>	Rural	1994	525,746	70.9	20.9	...	...	...	...	
Botswana <sup>2</sup>	Total	1996	276,209	...	...	...	...	77.0	...	
Botswana <sup>2</sup>	Urban	1996	...	...	...	...	...	100.0	...	
Botswana <sup>2</sup>	Rural	1996	...	...	...	...	...	53.1	...	
Egypt <sup>3</sup>	Total	1996	12,702,600	69.3	30.7	...	...	63.2	...	
Egypt <sup>3</sup>	Urban	1996	5,839,877	49.1	50.9	...	...	86.3	...	
Egypt <sup>3</sup>	Rural	1996	6,862,723	86.6	13.4	...	...	43.6	...	
Gambia	Total	1993	116,001	61.3	8.5	18,415	60.9	8.0	15.7	71.2
Gambia	Urban	1993	54,042	34.9	10.5	10,463	44.0	8.2	32.0	79.3
Gambia	Rural	1993	61,959	84.3	6.8	7,952	83.1	7.6	1.5	64.1
Lesotho	Total	1996	370,972	84.3	...	108,893	...	...	47.8	45.7
Lesotho	Urban	1996	79,452	...	...	...	...	...	...	...
Lesotho	Rural	1996	291,520	...	...	...	...	...	...	...
Libyan Arab Jamahiriya <sup>4</sup>	Total	1995	711,837	40.6	21.6	...	...	...	89.0	93.4
Libyan Arab Jamahiriya <sup>4</sup>	Urban	1995	545,998	...	...	...	...	...	91.1	...
Libyan Arab Jamahiriya <sup>4</sup>	Rural	1995	88,921	...	...	...	...	...	77.3	...
Niger	Total	1998	1,129,126	77.6	1.0	...	...	...	15.0	1.2
Niger	Urban	1998	182,969	39.7	3.9	...	...	...	81.1	6.0
Niger	Rural	1998	946,157	84.9	0.4	...	...	...	2.2	0.3
Sengal <sup>5</sup>	Total	1994	777,931	66.7	14.2	152,197	...	...	47.6	42.4
Sengal <sup>5</sup>	Urban	1994	330,828	49.3	...	89,797	...	...	80.0	77.4
Sengal <sup>5</sup>	Rural	1994	447,103	79.7	...	62,450	...	...	23.6	16.4
Seychelles <sup>6</sup>	Total	1997	17,878	74.7	11.7	8,564	74.8	...	85.0	86.3
Seychelles <sup>6</sup>	Rural	1997	...	...	...	...	...	...	80.9	83.4
South Africa <sup>7</sup>	Total	1996	9,059,571	76.8	21.6	3,428,796	80.1	18.2	43.9	87.2
South Africa <sup>7</sup>	Urban	1996	5,426,873	74.3	24.0	1,726,059	71.7	26.6	66.0	95.9
South Africa <sup>7</sup>	Rural	1996	3,632,698	80.4	18.0	1,702,737	88.7	9.7	10.9	74.0
Saint Helena	Total	1998	1,577	78.8	7.4	...	...	...	95.2	99.7
Saint Helena	Urban	1998	280	61.4	10.4	...	...	...	99.6	100.0
Saint Helena	Rural	1998	1,297	82.5	6.7	...	...	...	94.2	99.7
Tunisia	Total	1994	1,704,805	77.4	13.7	...	...	...	...	...
Tunisia	Urban	1994	1,093,243	70.7	20.2	...	...	...	...	...
Tunisia	Rural	1994	611,562	89.5	2.1	...	...	...	...	...
Zimbabwe <sup>8</sup>	Total	1997	2,510,410	58.7	3.8	822,912	...	...	...	...
Zimbabwe <sup>8</sup>	Urban	1997	926,210	31.3	9.6	...	...	...	...	...
Zimbabwe <sup>8</sup>	Rural	1997	1,584,200	74.8	0.5	...	...	...	...	...
<b>ASIA</b>										
Armenia <sup>9</sup>	Total	1998	...	90.6	5.9	...	91.3	6.3	66.7	61.4
Armenia <sup>9</sup>	Urban	1998	...	89.4	7.2	...	90.5	7.6	91.7	90.1
Armenia <sup>9</sup>	Rural	1998	...	92.5	3.8	...	93.1	3.6	28.1	17.4

TABLE B.3

continued

			Occupied housing units						Housing units with	
			All households			Women-headed households			pipel water	toilet inside
Year			Number	Owner occupied (%)	Tenants <sup>a</sup> (%)	Number	Owner occupied (%)	Tenants <sup>a</sup> (%)	(%)	(%)
Azerbaijan <sup>10</sup>	Total	1998	1,479,504	76.1	23.9	...	...	...	...	41.1
Azerbaijan <sup>10</sup>	Urban	1998	897,283	62.2	37.8	...	...	...	...	66.0
Azerbaijan <sup>10</sup>	Rural	1998	582,221	97.5	2.5	...	...	...	...	2.7
Cambodia <sup>11</sup>	Total	1998	...	95.3	2.6	...	...	...	...	...
Cambodia <sup>11</sup>	Urban	1998	...	88.4	3.9	...	...	...	...	...
Cambodia <sup>11</sup>	Rural	1998	...	96.5	2.3	...	...	...	...	...
China, Hong Kong SAR <sup>12</sup>	Total	1996	1,855,553	43.6	36.4	504,294	38.2	45.5	...	...
China, Macau SAR	Total	1996	119,966	72.9	4.6	26,170	70.0	2.0	99.6	99.5
Cyprus	Total	1992	184,161	69.3	10.6	25,645	51.5	16.8	95.3	91.0
Cyprus	Urban	1992	124,673	64.7	12.1	17,592	45.9	19.8	98.1	96.2
Cyprus	Rural	1992	59,488	78.9	7.5	8,053	63.7	10.1	89.4	80.2
Iran (Islamic Republic of) <sup>13</sup>	Total	1996	12,280,539	72.7	2.5	...	...	...	...	87.2
Iran (Islamic Republic of) <sup>13</sup>	Urban	1996	7,929,830	66.7	2.6	...	...	...	...	96.3
Iran (Islamic Republic of) <sup>13</sup>	Rural	1996	4,350,709	83.5	2.4	...	...	...	...	70.8
Israel <sup>14</sup>	Total	1995	1,587,000	62.5	5.5	468,940	54.8	8.0	...	...
Israel <sup>14</sup>	Urban	1995	1,490,525	62.5	5.6	447,315	54.5	8.1	...	...
Israel <sup>14</sup>	Rural	1995	96,475	62.1	3.6	21,625	60.0	4.3	...	...
Japan <sup>15</sup>	Total	1993	40,773,300	59.8	7.1	8,170,000	43.8	10.5	...	97.2
Japan <sup>15</sup>	Urban	1993	32,941,900	54.7	7.5	...	...	...	...	96.7
Japan <sup>15</sup>	Rural	1993	7,853,300	...	...	...	...	...	...	99.3
Kazakhstan <sup>16</sup>	Total	1998	...	...	6.3	...	...	...	61.4	...
Kazakhstan <sup>16</sup>	Urban	1998	...	...	8.9	...	...	...	87.6	...
Kazakhstan <sup>16</sup>	Rural	1998	...	...	2.5	...	...	...	21.5	...
Pakistan	Total	1998	19,344,232	...	...	...	...	...	27.4	...
Pakistan	Urban	1998	6,240,469	...	...	...	...	...	58.3	...
Pakistan	Rural	1998	13,103,763	...	...	...	...	...	12.7	...
Republic of Korea <sup>17</sup>	Total	1995	9,204,929	74.9	25.1	...	...	...	97.3	99.4
Republic of Korea <sup>17</sup>	Urban	1995	6,562,695	70.5	29.5	...	...	...	98.1	99.4
Republic of Korea <sup>17</sup>	Rural	1995	2,642,234	85.7	14.3	...	...	...	95.0	99.6
Singapore <sup>18</sup>	Total	1995	773,722	90.2	...	...	...	...	...	...
Syrian Arab Republic	Total	1994	2,196,084	...	...	...	...	...	88.5	...
Syrian Arab Republic	Urban	1994	1,181,158	...	...	...	...	...	97.5	...
Syrian Arab Republic	Rural	1994	1,014,926	...	...	...	...	...	78.0	...
Thailand <sup>19</sup>	Total	1996	15,002,591	82.8	13.3	...	75.4	4.5	18.7	90.5
Thailand <sup>19</sup>	Urban	1996	3,046,293	53.0	41.0	...	...	...	48.1	84.9
Thailand <sup>19</sup>	Rural	1996	11,956,299	90.4	6.3	...	...	...	11.2	92.0
Turkey <sup>20</sup>	Total	1994	13,382,841	69.0	1.8	1,051,854	75.4	0.2	...	...
Turkey <sup>20</sup>	Urban	1994	7,515,762	56.1	1.6	601,929	68.1	0.1	...	...
Turkey <sup>20</sup>	Rural	1994	5,867,079	85.4	1.9	449,925	85.1	0.4	...	...
<b>EUROPE</b>										
Austria <sup>21</sup>	Total	1999	2,972,222	50.0	11.2	968,654	36.5	15.2	99.7	96.0
Austria <sup>21</sup>	Urban	1999	2,171,457	40.4	14.4	787,960	30.9	17.7	99.7	95.4
Austria <sup>21</sup>	Rural	1999	800,765	75.9	2.6	180,694	60.6	4.2	99.8	98.4
Bulgaria	Total	1992	2,950,873	89.8	9.3	...	...	...	89.4	59.0
Bulgaria	Urban	1992	1,977,184	86.3	12.5	...	...	...	96.4	82.4
Bulgaria	Rural	1992	973,689	96.9	2.8	...	...	...	75.2	11.4
Channel Island	Total	1996	21,862	69.5	9.8	5,932	55.9	16.0	...	...
Estonia <sup>22</sup>	Total	1998	657,000	76.1	7.7	356,100	74.9	7.6	...	...
Estonia <sup>22</sup>	Urban	1998	524,400	73.8	8.8	283,700	72.1	8.6	...	...
Estonia <sup>22</sup>	Rural	1998	132,600	85.1	3.4	72,400	85.9	3.9	...	...
Finland <sup>23</sup>	Total	1998	2,247,206	65.4	14.4	...	...	...	...	...
Finland <sup>23</sup>	Urban	1998	1,422,984	59.6	17.8	...	...	...	...	...
Finland <sup>23</sup>	Rural	1998	824,222	75.3	8.6	...	...	...	...	...
Germany	Total	1998	34,865,300	40.2	59.8	10,675,800	26.8	73.2	100.0	...
Germany <sup>24</sup>	Total	1996	3,863,502	89.1	9.9	...	...	...	87.6	...
Germany <sup>24</sup>	Urban	1996	2,490,481	85.3	13.6	...	...	...	93.7	...
Germany <sup>24</sup>	Rural	1996	1,373,021	85.3	13.6	...	...	...	76.8	...
Isle of Man	Total	1996	29,377	...	...	...	...	...	...	...
Isle of Man	Urban	1996	21,623	...	...	...	...	...	...	...
Isle of Man	Rural	1996	7,754	...	...	...	...	...	...	...
Lithuania	Total	1999	1,306,061	93.6	2.5	...	...	...	74.5	72.9
Lithuania	Urban	1999	890,208	91.6	2.8	...	...	...	89.7	89.5
Lithuania	Rural	1999	415,853	97.8	1.9	...	...	...	41.9	37.6
Malta <sup>26</sup>	Total	1995	119,479	68.0	28.3	25,051	...	...	...	98.2
Netherlands <sup>27</sup>	Total	1998	6,641,200	49.8	33.7	2,843,300	45.6	36.3	100.0	...
Netherlands <sup>27</sup>	Urban	1998	4,406,900	42.5	37.6	1,960,200	39.1	39.8	100.0	...
Netherlands <sup>27</sup>	Rural	1998	2,234,400	64.2	26.0	883,200	60.2	28.5	100.0	...
Norway <sup>28</sup>	Total	1990	1,751,363	78.2	21.8	600,353	71.3	28.7	...	100.0
Norway <sup>28</sup>	Urban	1990	1,300,372	78.2	21.8	463,806	71.6	28.4	...	100.0
Norway <sup>28</sup>	Rural	1990	439,216	78.1	21.9	133,442	70.5	29.5	...	100.0
Poland <sup>29</sup>	Total	1995	12,498,473	50.3	21.9	4,396,312	...	...	90.2	79.0
Poland <sup>29</sup>	Urban	1995	8,383,622	38.7	24.9	3,282,931	...	...	97.1	89.6
Poland <sup>29</sup>	Rural	1995	4,114,851	73.8	15.9	1,113,381	...	...	76.0	57.5

**LATIN AMERICA AND THE CARIBBEAN**

Bolivia	Total	1997	1,822,785	70.2	...	329,784	67.6	...	64.9	59.1
Bolivia	Urban	1997	1,094,237	59.8	...	228,448	59.9	...	88.8	78.1
Bolivia	Rural	1997	728,548	85.8	...	101,336	85.0	...	29.1	30.8
Brazil <sup>30</sup>	Total	1998	41,839,703	74.0	11.8	9,675,173	74.6	9.5	84.7	91.0
Brazil <sup>30</sup>	Urban	1998	33,993,829	74.2	8.9	8,601,559	73.6	9.0	92.8	96.9
Brazil <sup>30</sup>	Rural	1998	7,845,874	73.2	24.0	1,073,614	82.8	13.7	49.7	65.5
Colombia <sup>31</sup>	Total	1993	7,159,842	63.5	...	1,749,420	65.6	...	79.7	84.9
Colombia <sup>31</sup>	Urban	1993	5,384,656	60.6	...	1,447,461	62.7	...	93.5	95.1
Colombia <sup>31</sup>	Rural	1993	1,775,186	72.2	...	301,959	79.8	...	38.0	54.0
Costa Rica <sup>32</sup>	Total	1997	715,264	67.5	15.9	...	...	...	97.8	89.5
Costa Rica <sup>32</sup>	Urban	1997	341,136	57.0	19.9	...	...	...	99.9	98.0
Costa Rica <sup>32</sup>	Rural	1997	374,128	77.1	12.3	...	...	...	96.1	82.5
Dominican Republic <sup>33</sup>	Total	1993	1,629,616	71.2	...	534,850	...	...	67.2	...
Guatemala <sup>34</sup>	Total	1994	1,591,823	...	...	...	...	...	62.7	35.2
Guatemala <sup>34</sup>	Urban	1994	604,029	...	...	...	...	...	87.8	73.3
Guatemala <sup>34</sup>	Rural	1994	987,794	...	...	...	...	...	47.4	11.9
Mexico <sup>35</sup>	Total	1996	20,199,398	78.0	...	3,287,122	75.6	...	57.3	71.1
Mexico <sup>35</sup>	Urban	1996	15,318,401	74.3	...	2,738,112	72.6	...	69.9	84.5
Mexico <sup>35</sup>	Rural	1996	4,880,997	89.7	...	549,010	90.3	...	17.6	29.2
Nicaragua <sup>36</sup>	Total	1998	631,326	54.8	...	185,352	57.4	...	44.5	25.0
Nicaragua <sup>36</sup>	Urban	1998	386,047	54.1	...	135,970	57.0	...	51.0	26.0
Nicaragua <sup>36</sup>	Rural	1998	245,279	56.0	...	49,382	58.6	...	21.4	1.0
Saint Lucia <sup>37</sup>	Total	1999	33,079	72.4	1.3	...	...	...	47.8	35.7
Uruguay	Total	1996	975,056	...	...	...	...	...	76.8	95.6
Uruguay	Urban	1996	887,032	...	...	...	...	...	83.3	96.4
Uruguay	Rural	1996	88,024	...	...	...	...	...	9.0	87.5

**NORTHERN AMERICA**

Canada <sup>38</sup>	Total	1998	11,690,200	62.4	5.7	5,442,600	59.1	7.5	99.8	99.8
Canada <sup>38</sup>	Urban	1998	9,730,000	58.6	5.8	4,593,900	55.2	7.9	...	99.8
Canada <sup>38</sup>	Rural	1998	1,960,000	81.0	4.9	848,700	80.2	5.3	...	99.5
Greenland	Total	1999	20,350	...	...	...	...	...	...	...
Greenland	Urban	1999	17,467	...	...	...	...	...	...	...
Greenland	Rural	1999	2,883	...	...	...	...	...	...	...
United States <sup>39</sup>	Total	1997	99,487,000	65.8	1.9	28,852,000	51.2	4.6	99.6	99.7
United States <sup>39</sup>	Urban	1997	71,317,000	59.3	2.4	22,838,000	45.7	5.2	99.7	99.7
United States <sup>39</sup>	Rural	1997	28,170,000	82.4	0.6	6,013,900	71.7	2.1	99.4	99.7

**OCEANIA**

Australia <sup>40</sup>	Total	1966	...	...	...	1,276,064	60.5	1.3	92.8	63.2
Australia <sup>40</sup>	Urban	1966	...	...	...	267,210	59.2	1.1	98.2	63.3
Australia <sup>40</sup>	Rural	1966	...	...	...	223,720	66.9	1.1	84.3	63.0
Pitcairn	Rural	1999	15	86.7	6.7	5	80.0	20.0	100.0	...
Tonga <sup>41</sup>	Total	1996	15,670	83.3	14.9	3,003	86.0	12.6	84.6	...
Tonga <sup>41</sup>	Urban	1996	3,665	...	...	...	...	...	...	...
Tonga <sup>41</sup>	Rural	1996	12,529	...	...	...	...	...	...	...

Notes: \* Data refer to tenants in publicly-owned housing units unless otherwise specified. 1 Data reported in percentages only. 2 Data for Housing units with toilet inside as reported; the total differs from the sum of categories. 3 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. 4 Data for Owner occupied includes housing units with bank loans. Collective living quarters not included in totals shown. 5 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. Data as reported; the total shown may differ from the sum of its parts. Data for Housing units with piped water inside include piped water from shared public tap. Data for Housing units with toilet inside non-flush toilets connected to sewage and pit latrine. 6 Data as reported; the total shown may differ from the sum of its parts. Data for Housing units with piped water include 14,254 households with access to treated piped water. 7 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. Data for Housing units with toilet inside include chemical toilet, pit latrine and bucket latrine. 8 Data reported in percentages only. Data as reported; the total shown may differ from the sum of its parts. 9 Data reported in percentages only and are based on the results of an integrated survey of 3600 households. 10 Data on the total number of households are extracted from a different table of the original questionnaire. 11 Data reported in percentages only. Data for Tenants refer to households occupying units rent-free. Data for Owner occupied refers to households occupying units and paying rent. 12 Households refer to domestic households only. 13 Data for Housing units with toilet inside refer to households in conventional dwellings only. 14 Households residing in Kibbutz community settlements not included. Data for Households includes data for East Jerusalem and Israeli residents in certain other territories under occupation by Israeli military forces since June 1967. 15 Data as reported; the total shown may differ from the sum of its parts. No data are reported for rural areas. Data for Women-headed households refer to 1998 and are based on preliminary findings. 16 Data reported in percentages only and are based on a sample survey of 6000 households. Data for Households provided as percentages only. 17 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. 18 All data refer to resident private households. 19 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. Data for Housing units with toilets inside refer to the year 1994. 20 Data for Tenants refer to households that live in a house which belongs to government or workplace of one of the household members. 21 Data for Owner occupied includes tenant households in housing units owned by non-profit building associations and official dwellings or other tenure. Data refer to private households only. Data for Households refer to the year 1991. 22 Data as reported; the total shown may differ from the sum of its parts. Source of data is the Household Budget Survey. Data are estimates. A woman-headed household is one where a woman is the household member with the largest income. 23 Data as reported; the total shown may differ from the sum of its parts. Data for Tenants refer to state-subsidized (government) rental housing. Data for Owner occupied refer to other rental housing. Data for Housing units with piped water refer to dwellings. 24 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. Data as reported; the total shown may differ from the sum of its parts. 25 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. Data as reported; the total shown may differ from the sum of its parts. Data for Housing units with piped water/toilet inside are based on 2% sample and refer to households in conventional dwellings only. Data on households refer to a 2% sample. Data do not include households in collective living quarters. 26 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. Data include households occupying housing units free of charge and non-respondents. The Population and Housing Census of 26 November 1995 distinguished between private and institutional households. Data in this table refer to private one-person and multi-person households only. 27 Data for Housing units with piped water refer to the year 1993. 28 Data for Tenants refer to tenant households in both publicly-owned and privately-owned housing units. Women-headed households refer to households where women are the main income earners. Data for Housing units with toilet inside include 11,775 households with no information on urban/rural. Data refer to conventional housing units and 11,775 households are without information. 29 Housing units with toilet inside include flush toilets from community source and local flush toilets from private source. 30 Data for Owner occupied refer to housing units owned by one of the occupants and housing units that are not completely paid for. Data for Tenants refer to housing units that are offered to occupants free of charge. Data for Owner occupied refer to tenants who rent the unit they occupy, irrespective of ownership. 31 No distinction between inside and outside toilet. 32 Data for Tenants refer to housing units with piped water as reported; the total differs from the sum of the categories. 40 Data for Tenants refer to households occupying units free of rent. Data for Owner occupied refer to households renting their housing units. Data for Housing units with piped water/toilet inside refer to the year 1998. 41 Data reported are only for those households headed by Tongans (including part-Tongans). Data for Tenants include households that rent either a publicly or privately-owned housing unit and those that occupy a housing unit rent-free. One household may have two or more sources of water supply available. For example, a household may have piped water as well as have its own water tank. There is no distinction between households and living quarters. Data on urban refer to Nuku'alofa.

Source: United Nations, *Compendium of Human Settlements Statistics 2001*.

TABLE B.4

## Access to Improved Water Sources and Sanitation

	Access to improved drinking water sources (%)						Access to improved sanitation (%)					
	Total		Urban		Rural		Total		Urban		Rural	
	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000
<b>WORLD</b>	<b>77</b>	<b>82</b>	<b>94</b>	<b>95</b>	<b>64</b>	<b>71</b>	<b>51</b>	<b>61</b>	<b>81</b>	<b>85</b>	<b>28</b>	<b>40</b>
<b>AFRICA</b>	<b>60</b>	<b>64</b>	<b>88</b>	<b>86</b>	<b>46</b>	<b>50</b>	<b>59</b>	<b>60</b>	<b>81</b>	<b>80</b>	<b>49</b>	<b>48</b>
Algeria	...	89	...	94	...	82	...	92	...	99	...	81
Angola	...	38	...	34	...	40	...	44	...	70	...	30
Benin	...	63	...	74	...	55	20	23	46	46	6	6
Botswana	93	95	100	100	88	90	60	66	87	88	41	43
Burkina Faso	...	42	...	66	...	37	...	29	...	39	...	27
Burundi	69	78	96	91	67	77	87	88	65	68	89	90
Cameroon	51	58	78	78	32	39	77	79	97	92	64	66
Cape Verde	...	74	...	64	...	89	...	89	...	95	...	32
Central African Republic	48	70	71	89	35	57	24	25	38	38	16	16
Chad	...	27	...	31	...	26	18	29	70	81	4	13
Comoros	88	96	97	98	84	95	98	98	98	98	98	98
Congo	...	51	...	71	...	17	...	...	...	14	...	...
Côte d'Ivoire	80	81	97	92	69	72	46	52	70	71	29	35
Dem. Republic of the Congo	...	45	...	89	...	26	...	21	...	54	...	6
Djibouti	...	100	...	100	...	100	...	91	...	99	...	50
Egypt	94	97	97	99	92	96	87	98	96	100	79	96
Equatorial Guinea	...	44	...	45	...	42	...	53	...	60	...	46
Eritrea	...	46	...	63	...	42	...	13	...	66	...	1
Ethiopia <sup>1</sup>	25	24	80	81	17	12	8	12	24	33	6	7
Gabon	...	86	...	95	...	47	...	53	...	55	...	43
Gambia	...	62	...	80	...	53	...	37	...	41	...	35
Ghana	53	73	85	91	36	62	61	72	56	74	64	70
Guinea	45	48	72	72	36	36	55	58	94	94	41	41
Guinea-Bissau	...	56	...	79	...	49	44	56	87	95	33	44
Kenya	45	57	91	88	31	42	80	87	91	96	77	82
Lesotho	...	78	...	88	...	74	...	49	...	72	...	40
Libyan Arab Jamahiriya	71	72	72	72	68	68	97	97	97	97	96	96
Madagascar	44	47	85	85	31	31	36	42	70	70	25	30
Malawi	49	57	90	95	43	44	73	76	96	96	70	70
Mali	55	65	65	74	52	61	70	69	95	93	62	58
Mauritania	37	37	34	34	40	40	30	33	44	44	19	19
Mauritius	100	100	100	100	100	100	100	99	100	100	100	99
Morocco	75	80	94	98	58	56	58	68	88	86	31	44
Mozambique	...	57	...	81	...	41	...	43	...	68	...	26
Namibia	72	77	98	100	63	67	33	41	84	96	14	17
Niger	53	59	65	70	51	56	15	20	71	79	4	5
Nigeria	53	62	83	78	37	49	53	54	69	66	44	45
Rwanda	...	41	...	60	...	40	...	8	...	12	...	8
Senegal	72	78	90	92	60	65	57	70	86	94	38	48
Sierra Leone	...	57	...	75	...	46	...	66	...	88	...	53
South Africa	86	86	99	99	73	73	86	87	93	93	80	80
Sudan	67	75	86	86	60	69	58	62	87	87	48	48
Togo	51	54	82	85	38	38	37	34	71	69	24	17
Tunisia	75	80	91	92	54	58	76	84	96	96	48	62
Uganda	45	52	81	80	40	47	...	79	...	93	...	77
United Republic of Tanzania	38	68	76	90	28	57	84	90	84	99	84	86
Zambia	52	64	88	88	28	48	63	78	86	99	48	64
Zimbabwe	78	83	99	100	69	73	56	62	70	71	50	57
<b>ASIA</b>	<b>72</b>	<b>80</b>	<b>94</b>	<b>93</b>	<b>63</b>	<b>73</b>	<b>26</b>	<b>46</b>	<b>59</b>	<b>74</b>	<b>12</b>	<b>31</b>
Afghanistan	...	13	...	19	...	11	...	12	...	25	...	8
Azerbaijan	...	78	...	93	...	58	...	81	...	90	...	70
Bangladesh	94	97	99	99	93	97	41	48	81	71	31	41
Bhutan	...	62	...	86	...	60	...	70	...	65	...	70
Cambodia	...	30	...	54	...	26	...	17	...	56	...	10
China <sup>2</sup>	71	75	99	94	60	66	17	40	56	69	2	27
Cyprus	100	100	100	100	100	100	100	100	100	100	100	100
Dem. People's Rep. of Korea	...	100	...	100	...	100	...	99	...	99	...	100
Georgia	...	79	...	90	...	61	...	100	...	100	...	99
India	68	84	88	95	61	79	16	28	44	61	6	15
Indonesia	71	78	92	90	62	69	47	55	66	69	38	46
Iran (Islamic Republic of)	...	92	...	98	...	83	...	83	...	86	...	79
Iraq	...	85	...	96	...	48	...	79	...	93	...	31
Jordan	97	96	99	100	92	84	98	99	100	100	95	98
Kazakhstan	...	91	...	98	...	82	...	99	...	100	...	98
Kyrgyzstan	...	77	...	98	...	66	...	100	...	100	...	100
Lao People's Dem. Republic	...	37	...	61	...	29	...	30	...	67	...	19
Lebanon	...	100	...	100	...	100	...	99	...	100	...	87
Malaysia	...	...	...	...	...	94	...	...	...	...	...	98
Maldives	...	100	...	100	...	100	...	56	...	100	...	41
Mongolia	...	60	...	77	...	30	...	30	...	46	...	2
Myanmar	...	72	...	89	...	66	...	64	...	84	...	57
Nepal	67	88	93	94	64	87	20	28	69	73	15	22
Occupied Palestinian Territory	...	86	...	97	...	86	...	100	...	100	...	100
Oman	37	39	41	41	30	30	84	92	98	98	61	61
Pakistan	83	90	96	95	77	87	36	62	77	95	17	43



Philippines	87	86	93	91	82	79	74	83	85	93	63	69
Republic of Korea	...	92	...	97	...	71	...	63	...	76	...	4
Saudi Arabia	...	95	...	100	...	64	...	100	...	100	...	100
Singapore	100	100	100	100	...	...	100	100	100	100	...	...
Sri Lanka	68	77	91	98	62	70	85	94	94	97	82	93
Syrian Arab Republic	...	80	...	94	...	64	...	90	...	98	...	81
Tajikistan	...	60	...	93	...	47	...	90	...	97	...	88
Thailand	80	84	87	95	78	81	79	96	95	96	75	96
Turkey	79	82	83	81	72	86	87	90	97	97	70	70
Uzbekistan	...	85	...	94	...	79	...	89	...	97	...	85
Viet Nam	55	77	86	95	48	72	29	47	52	82	23	38
Yemen	...	69	...	74	...	68	32	38	69	89	21	21
<b>EUROPE</b>	...	<b>97</b>	...	<b>100</b>	...	<b>89</b>	...	...	...	...	...	...
Albania	...	97	...	99	...	95	...	91	...	99	...	85
Andorra	...	100	...	100	...	100	...	100	...	100	...	100
Austria	100	100	100	100	100	100	100	100	100	100	100	100
Belarus	...	100	...	100	...	100	...	...	...	...	...	...
Bulgaria	...	100	...	100	...	100	...	100	...	100	...	100
Denmark	...	100	...	100	...	100	...	...	...	...	...	...
Estonia	...	...	...	...	...	...	...	...	...	93	...	...
Finland	100	100	100	100	100	100	100	100	100	100	100	100
Hungary	99	99	100	100	98	98	99	99	100	100	98	98
Malta	100	100	100	100	100	100	100	100	100	100	100	100
Monaco	...	100	...	100	...	100	...	100	...	100	...	100
Netherlands	100	100	100	100	100	100	100	100	100	100	100	100
Norway	100	100	100	100	100	100	...	...	100	...	...	...
Republic of Moldova	...	92	...	97	...	88	...	99	...	100	...	98
Romania	...	58	...	91	...	16	...	53	...	86	...	10
Russian Federation	...	99	...	100	...	96	...	...	...	...	...	...
Serbia and Montenegro	...	98	...	99	...	97	...	100	...	100	...	99
Slovakia	...	100	...	100	...	100	...	100	...	100	...	100
Slovenia	100	100	100	100	100	100	...	...	100	...	...	...
Sweden	100	100	100	100	100	100	100	100	100	100	100	100
Switzerland	100	100	100	100	100	100	100	100	100	100	100	100
Ukraine	...	98	...	100	...	94	...	99	...	100	...	98
United Kingdom	100	100	100	100	100	100	100	100	100	100	100	100
<b>LATIN AMERICA AND THE CARIBBEAN</b>	<b>82</b>	<b>86</b>	<b>92</b>	<b>94</b>	<b>58</b>	<b>66</b>	<b>72</b>	<b>77</b>	<b>85</b>	<b>86</b>	<b>41</b>	<b>52</b>
Antigua and Barbuda	...	91	...	95	...	89	...	95	...	98	...	94
Argentina	94	...	97	...	73	...	82	...	87	...	47	...
Bahamas	...	97	...	98	...	86	...	100	...	100	...	100
Barbados	...	100	...	100	...	100	...	100	...	100	...	100
Belize	...	92	...	100	...	82	...	50	...	71	...	25
Bolivia	71	83	91	95	47	64	52	70	73	86	26	42
Brazil	83	87	93	95	54	53	71	76	82	84	38	43
Chile	90	93	98	99	49	58	97	96	98	96	92	97
Colombia	94	91	98	99	84	70	83	86	96	96	55	56
Costa Rica	...	95	...	99	...	92	...	93	...	89	...	97
Cuba	...	91	...	95	...	77	...	98	...	99	...	95
Dominica	...	97	...	100	...	90	...	83	...	86	...	75
Dominican Republic	83	86	92	90	71	78	66	67	70	70	60	60
Ecuador	71	85	82	90	58	75	70	86	88	92	49	74
El Salvador	66	77	88	91	48	64	73	82	87	89	62	76
Grenada	...	95	...	97	...	93	...	97	...	96	...	97
Guatemala	76	92	88	98	69	88	70	81	82	83	62	79
Guyana	...	94	...	98	...	91	...	87	...	97	...	81
Haiti	53	46	59	49	50	45	23	28	33	50	19	16
Honduras	83	88	89	95	78	81	61	75	88	93	41	55
Jamaica	93	92	98	98	87	85	99	99	99	99	99	99
Mexico	80	88	90	95	52	69	70	74	87	88	26	34
Nicaragua	70	77	93	91	44	59	76	85	97	95	53	72
Panama	...	90	...	99	...	79	...	92	...	99	...	83
Paraguay	63	78	80	93	46	59	93	94	96	94	91	93
Peru	74	80	88	87	42	62	60	71	77	79	21	49
Saint Kitts and Nevis	...	98	...	...	...	...	...	96	...	...	...	...
Saint Lucia	...	98	...	...	...	...	...	89	...	...	...	...
Saint Vincent and the Grenadines	...	93	...	...	...	...	...	96	...	...	...	...
Suriname	...	82	...	93	...	50	...	93	...	99	...	75
Trinidad and Tobago	91	90	...	...	...	...	99	99	...	...	...	...
Uruguay	...	98	...	98	...	93	...	94	...	95	...	85
Venezuela	...	83	...	85	...	70	...	68	...	71	...	48
<b>NORTHERN AMERICA</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>99</b>
Canada	100	100	100	100	99	99	100	100	100	100	99	99
United States	100	100	100	100	100	100	100	100	100	100	100	100
<b>OCEANIA</b>	<b>40</b>	<b>48</b>	<b>88</b>	<b>76</b>	<b>32</b>	<b>40</b>	<b>82</b>	<b>74</b>	<b>92</b>	<b>87</b>	<b>80</b>	<b>71</b>
Australia	100	100	100	100	100	100	100	100	100	100	100	100
Fiji	...	47	...	43	...	51	...	43	...	75	...	12
Kiribati	...	48	...	82	...	25	...	48	...	54	...	44
New Zealand	...	...	100	100	...	...	...	...	...	...	...	...
Palau	...	79	...	100	...	20	...	100	...	100	...	100
Papua New Guinea	40	42	88	88	32	32	82	82	92	92	80	80
Samoa	...	99	...	95	...	100	...	99	...	95	...	100
Solomon Islands	...	71	...	94	...	65	...	34	...	98	...	18
Tonga	...	100	...	100	...	100	...	...	...	...	...	...
Vanuatu	...	88	...	63	...	94	...	100	...	100	...	100

Notes: 1 Data for the year 1993. 2 For statistical purposes the data for China do not include Hong Kong and Macao Special Administrative Regions and Taiwan province of China.

Sources: World Health Organization (WHO); United Nations Children's Fund (UNICEF).

TABLE B.5

## Energy and Transport

	Traditional fuel (% of energy use)		Commercial energy				Motor vehicles				Roads	
			Production (kt of oil equivalent)*		Use per capita (kg of oil equivalent)**		per 1000 people		per km of road		Total road network (km)	Paved roads (%)
	1980	1997	1980	1999	1980	1999	1990	2000	1990	2000	1995– 2000***	1995– 2000***
<b>AFRICA</b>												
Algeria	1.9	1.5	66,741	142,883	647	944	...	...	...	...	104,000	68.9
Angola	64.9	69.7	11,301	43,644	628	595	19	...	...	...	51,429	10.4
Benin	85.4	89.2	1,212	1,556	394	323	3	...	2	...	6,787	20.0
Botswana	35.7	...	...	...	...	...	19	70	3	11	10,217	55.0
Burkina Faso	91.3	87.1	...	...	...	...	4	...	3	...	12,506	16.0
Burundi	97.0	94.2	...	...	...	...	...	...	...	...	14,480	7.1
Cameroon	51.7	69.2	6,707	12,109	421	419	10	...	3	...	34,300	12.5
Central African Republic	88.9	87.5	...	...	...	...	1	...	...	...	23,810	2.7
Chad	95.9	97.6	...	...	...	...	5	...	...	...	33,400	0.8
Congo	77.8	53.0	4,024	14,079	516	245	18	...	3	...	12,800	9.7
Côte d'Ivoire	52.8	91.5	2,419	5,973	447	388	23	...	6	...	50,400	9.7
Dem. Republic of the Congo	73.9	91.7	8,697	14,860	324	293	...	...	...	...	157,000	...
Egypt	4.7	3.2	34,168	58,460	391	709	29	...	33	...	64,000	78.1
Eritrea	...	96.0	...	...	...	...	1	...	1	...	4,010	21.8
Ethiopia	89.6	95.9	10,575	17,176	295	290	1	2	2	3	31,571	12.0
Gabon	30.8	32.9	9,441	17,842	2,158	1,342	26	...	4	...	8,464	9.9
Gambia	72.7	78.6	...	...	...	...	14	...	5	...	2,700	35.4
Ghana	43.7	78.1	3,305	5,540	375	377	...	...	...	...	39,409	29.6
Guinea	71.4	74.2	...	...	...	...	4	...	1	...	30,500	16.5
Guinea-Bissau	80.0	57.1	...	...	...	...	7	...	2	...	4,400	10.3
Kenya	76.8	80.3	7,891	12,129	589	499	13	...	5	...	63,942	12.1
Lesotho	...	...	...	...	...	...	11	...	4	...	5,940	18.3
Liberia	62.5	89.7	...	...	...	...	15	...	4	...	10,600	6.2
Libyan Arab Jamahiriya	2.3	0.9	96,550	73,420	2,364	2,370	...	...	...	...	83,200	57.2
Madagascar	78.4	84.3	...	...	...	...	6	...	2	...	49,827	11.6
Malawi	90.6	88.6	...	...	...	...	4	...	4	...	28,400	18.5
Mali	86.7	88.9	...	...	...	...	4	...	2	...	15,100	12.1
Mauritania	0.0	0.0	...	...	...	...	9	...	3	...	7,660	11.3
Mauritius	59.1	36.1	...	...	...	...	60	98	35	49	1,926	97.0
Morocco	5.2	4.0	877	615	247	352	37	52	15	21	57,707	56.4
Mozambique	43.7	91.4	7,413	7,067	668	404	4	...	2	...	30,400	18.7
Namibia	...	...	...	270	...	645	71	...	1	2	66,467	8.3
Niger	79.5	80.6	...	...	...	...	6	...	4	5	10,100	7.9
Nigeria	66.8	67.8	148,479	178,822	743	705	33	14	21	14	194,394	30.9
Rwanda	89.8	88.3	...	...	...	...	2	...	1	2	12,000	8.3
Senegal	50.8	56.2	1,046	1,684	347	318	11	...	6	8	14,576	29.3
Sierra Leone	90.0	86.1	...	...	...	...	10	3	4	2	11,330	7.9
Somalia	78.6	...	...	...	...	...	2	...	1	...	22,100	11.8
South Africa	4.9	43.4	73,169	143,993	2,372	2,597	160	143	26	11	362,099	20.3
Sudan	86.9	75.1	7,089	17,034	435	503	9	...	21	28	11,900	36.3
Swaziland	...	...	...	...	...	...	72	70	18	17	3,247	...
Togo	35.7	71.9	562	1,015	284	313	24	...	11	...	7,520	31.6
Tunisia	16.1	12.4	6,966	7,120	612	811	48	...	19	40	18,997	64.8
Uganda	93.6	89.7	...	...	...	...	2	5	...	4	27,000	6.7
United Republic of Tanzania	92.0	91.4	9,502	14,269	553	457	5	...	2	2	88,200	4.2
Zambia	37.4	72.7	4,198	5,784	793	626	15	...	3	...	66,781	...
Zimbabwe	27.6	25.2	5,793	8,322	921	821	...	...	...	...	18,338	47.4
<b>ASIA</b>												
Afghanistan	63.0	75.6	...	...	...	...	...	...	...	...	21,000	13.3
Armenia	...	0.0	1,263	646	...	485	5	...	2	...	15,918	96.3
Azerbaijan	...	0.0	14,821	19,037	...	1,575	52	49	7	16	24,981	92.3
Bangladesh	81.3	46.0	6,745	14,474	99	139	1	1	...	1	207,486	9.5
Cambodia	100.0	89.3	...	...	...	...	1	6	...	31	12,323	16.2
China	8.4	5.7	608,625	1,056,963	604	868	5	...	4	11	1,402,698	22.4
China, Hong Kong SAR	0.9	0.7	39	48	1,079	2,661	66	78	253	287	1,831	100.0
Dem. People's Rep. of Korea	3.1	1.4	29,135	54,198	1,856	2,658	...	...	...	...	31,200	6.4
Georgia	...	1.0	1,504	739	...	512	107	63	27	15	20,362	93.5
India	31.5	20.7	222,418	409,788	353	482	4	8	2	3	3,319,644	45.7
Indonesia	51.5	29.3	128,996	226,378	404	658	16	25	10	14	342,700	46.3
Iran (Islamic Republic of)	0.4	0.7	81,142	229,406	996	1,651	34	...	14	...	167,157	56.3
Iraq	0.3	0.1	136,643	131,754	925	1,263	14	...	6	...	45,550	84.3
Israel	0.0	0.0	153	615	2,208	3,029	210	270	74	107	16,281	100.0
Japan	0.1	1.6	43,281	104,223	2,967	4,070	469	560	52	62	1,161,894	46.0
Jordan	0.0	0.0	1	286	786	1,028	60	...	26	...	7,245	100.0
Kazakhstan	...	0.2	76,799	64,668	...	2,374	76	86	8	12	81,331	94.7
Kuwait	0.0	0.0	91,636	104,291	8,908	8,984	...	...	...	...	4,450	80.6
Kyrgyzstan	...	0.0	2,190	1,301	...	504	44	39	10	10	18,500	91.1
Lao People's Dem. Republic	72.3	88.7	...	...	...	...	9	...	3	...	21,716	13.8
Lebanon	2.4	2.5	178	161	841	1,280	321	336	183	...	7,300	84.9
Malaysia	15.7	5.5	18,202	73,411	884	1,878	124	200	26	69	65,877	75.8
Mongolia	14.4	4.3	...	...	...	...	21	30	1	2	49,250	3.5
Myanmar	69.3	60.5	9,513	13,943	280	273	...	...	...	...	28,200	12.2
Nepal	94.2	89.6	4,630	7,035	330	358	...	...	...	...	13,223	30.8
Occupied Palestinian Territory	...	...	...	...	...	...	...	...	...	...	...	...
Oman	0.0	...	15,090	54,504	905	3,607	130	...	9	...	32,800	30.0

Pakistan	24.4	29.5	20,997	44,091	308	444	6	8	4	4	254,410	43.0
Philippines	37.0	26.9	10,670	19,681	442	549	10	31	4	11	201,994	21.0
Republic of Korea	4.0	2.4	9,644	31,852	1,082	3,871	79	238	60	128	86,990	74.5
Saudi Arabia	0.0	0.0	533,071	448,735	3,773	4,204	165	...	19	...	151,470	30.1
Singapore	0.4	0.0	...	64	2,511	5,742	130	132	142	170	3,066	100.0
Sri Lanka	53.5	46.5	3,209	4,547	308	406	20	34	4	7	96,695	95.0
Syrian Arab Republic	0.0	0.0	9,502	34,205	614	1,143	26	30	10	11	43,381	23.1
Tajikistan	...	...	1,986	1,381	...	543	3	...	1	...	27,767	82.7
Thailand	40.3	24.6	11,182	38,499	488	1,169	46	...	36	...	64,600	97.5
Turkey	20.5	3.1	17,077	26,903	707	1,093	50	85	8	14	385,960	34.0
Turkmenistan	...	...	8,034	26,331	...	2,677	...	...	...	...	24,000	81.2
United Arab Emirates	0.0	...	89,716	135,681	5,860	9,977	121	...	52	...	1,088	100.0
Uzbekistan	...	0.0	4,615	55,109	...	2,024	...	...	...	...	81,600	87.3
Viet Nam	49.1	37.8	18,364	44,858	364	454	...	...	...	...	93,300	25.1
Yemen	0.0	1.4	60	20,247	167	184	34	...	8	...	67,000	11.5
<b>EUROPE</b>												
Albania	13.1	7.3	3,428	865	1,142	311	11	44	3	10	18,000	39.0
Austria	1.2	4.7	7,561	9,520	3,022	3,513	421	536	30	22	200,000	100.0
Belarus	...	0.8	2,566	3,475	...	2,381	61	135	13	20	74,385	89.0
Belgium	0.2	1.6	7,986	13,766	4,682	5,735	423	497	30	35	148,216	78.2
Bosnia and Herzegovina	...	10.1	...	705	...	518	114	...	24	...	21,846	52.3
Bulgaria	0.5	1.3	7,737	9,056	3,236	2,218	163	266	39	60	37,286	94.0
Croatia	...	3.2	...	3,721	...	1,864	...	...	...	44	28,123	84.6
Czech Republic	0.6	1.6	41,208	27,952	4,618	3,754	246	363	46	67	55,408	100.0
Denmark	0.4	5.9	896	23,642	3,852	3,773	368	411	27	31	71,591	100.0
Estonia	...	13.8	6,951	2,762	...	3,286	211	394	22	11	51,411	20.1
Finland	4.3	6.5	6,912	15,402	5,317	6,461	441	462	29	31	77,900	64.5
France	1.3	5.7	46,799	127,617	3,485	4,351	494	564	32	38	894,000	100.0
Germany	0.3	1.3	185,628	132,961	4,602	4,108	405	...	53	...	230,735	99.1
Greece	3.0	4.5	3,696	9,812	1,628	2,552	248	348	22	31	117,000	91.8
Hungary	2.0	1.6	14,935	11,491	2,703	2,512	212	272	21	15	188,203	43.4
Ireland	0.0	0.2	1,894	2,513	2,495	3,726	270	...	10	14	92,500	94.1
Italy	0.8	1.0	19,644	27,754	2,456	2,932	529	591	99	73	479,688	100.0
Latvia	...	26.2	261	1,497	...	1,586	135	260	6	9	73,202	38.6
Lithuania	...	6.3	...	3,540	...	2,138	159	322	12	17	75,243	91.3
Netherlands	0.0	1.1	71,821	59,054	4,593	4,686	405	427	58	58	116,500	90.0
Norway	0.4	1.1	55,716	209,765	4,593	5,965	458	505	22	25	91,454	76.0
Poland	0.4	0.8	122,224	83,394	3,458	2,416	168	286	18	33	364,656	68.3
Portugal	1.2	0.9	1,481	1,940	1,054	2,365	222	348	34	...	68,732	86.0
Republic of Moldova	...	0.5	35	63	...	656	53	70	17	24	12,657	87.0
Romania	1.3	5.7	52,587	27,859	2,933	1,622	72	154	11	17	198,603	49.5
Russian Federation	...	0.8	748,647	950,589	...	4,121	87	153	14	48	532,393	67.4
Serbia and Montenegro	...	1.5	...	10,096	...	1,258	137	190	31	36	49,805	62.3
Slovakia	...	0.5	3,418	5,136	4,221	3,335	194	260	57	33	42,717	86.7
Slovenia	...	1.5	...	2,985	...	3,277	306	455	42	46	20,177	99.9
Spain	0.4	1.3	15,636	30,691	1,834	3,005	360	472	43	53	663,795	99.0
Sweden	7.7	17.9	16,132	34,489	4,803	5,769	464	478	29	21	212,402	78.4
Switzerland	0.9	6.0	7,030	11,805	3,301	3,738	491	526	46	54	71,011	...
TFYR Macedonia	...	6.1	...	...	...	...	132	...	30	...	8,684	63.8
Ukraine	...	0.5	109,708	81,923	...	2,973	63	...	19	...	169,491	96.7
United Kingdom	0.0	3.3	196,792	281,674	3,573	3,871	400	418	64	62	371,913	100.0
<b>LATIN AMERICA AND THE CARIBBEAN</b>												
Argentina	5.9	4.0	38,813	81,932	1,490	1,727	181	181	27	30	215,471	29.4
Bolivia	19.3	14.0	4,374	6,020	455	562	41	...	6	8	53,790	6.5
Brazil	35.5	28.7	62,372	133,654	917	1,068	88	...	8	17	1,724,929	5.5
Chile	12.3	11.3	5,801	7,668	867	1,688	81	135	13	25	79,814	19.4
Colombia	15.9	17.7	18,040	77,142	680	676	...	51	...	19	112,988	14.4
Costa Rica	26.3	54.2	767	1,322	669	818	87	133	7	14	35,892	22.0
Cuba	27.9	30.2	4,227	5,242	1,536	1,117	37	32	16	6	60,858	49.0
Dominican Republic	27.5	14.3	1,327	1,491	613	904	75	...	48	...	12,600	49.4
Ecuador	26.7	17.5	11,745	21,730	651	705	35	46	8	14	43,197	18.9
El Salvador	52.9	34.5	1,623	2,136	553	651	33	61	14	36	10,029	19.8
Guatemala	54.6	62.0	2,503	4,566	550	548	...	57	...	45	14,118	34.5
Haiti	80.7	74.7	1,877	1,578	392	265	...	...	...	...	4,160	24.3
Honduras	55.3	54.8	1,315	1,817	530	522	22	62	9	28	13,603	20.4
Jamaica	5.0	6.0	224	641	1,115	1,597	...	...	...	...	18,700	70.1
Mexico	5.0	4.5	149,359	221,771	1,464	1,543	119	151	41	44	329,532	32.8
Nicaragua	49.2	42.2	910	1,482	532	539	19	10	5	8	19,032	11.0
Panama	26.6	14.4	529	704	934	835	75	113	18	27	11,400	34.6
Paraguay	62.0	49.6	1,605	6,741	671	773	...	...	...	...	29,500	9.5
Peru	15.2	24.6	14,655	11,659	675	519	...	43	...	15	72,900	12.8
Puerto Rico	0.0	...	...	...	...	...	...	...	...	...	14,400	100.0
Trinidad and Tobago	1.4	0.8	13,141	16,079	3,579	6,205	...	...	...	...	8,320	51.1
Uruguay	11.1	21.0	763	961	906	976	138	174	45	63	8,983	90.0
Venezuela	0.9	0.7	139,392	209,707	2,317	2,253	...	...	...	...	96,155	33.6
<b>NORTHERN AMERICA</b>												
Canada	0.4	4.7	207,417	366,554	7,848	7,929	605	581	20	19	901,903	35.3
United States	1.3	3.8	1,553,263	1,687,886	7,973	8,159	758	760	30	34	6,304,193	58.8
<b>OCEANIA</b>												
Australia	3.8	4.4	86,096	212,204	4,790	5,690	530	...	11	13	811,603	38.7
New Zealand	0.2	0.8	5,485	15,143	2,959	4,770	524	540	19	29	92,053	62.8
Papua New Guinea	65.4	62.5	...	...	...	...	...	...	...	...	19,600	3.5

Notes: \* kt of oil equivalent is 1000 metric tons of oil equivalent. \*\* kg of oil equivalent is 1 kilogramme of oil equivalent. \*\*\* Data for Total road network and Paved roads are for the latest year available in the period shown.

Sources: World Bank, *World Development Indicators 2002*; International Energy Agency (IEA); United Nations Statistics Division (UNSD), *Energy Statistics Yearbook*; International Road Federation (IRF), *World Road Statistics*.

TABLE B.6

## Economic Development Indicators

	PPP* gross national income		Labour force		Agriculture value added		Industry value added		Manufacturing value added		Services value added		Gross capital formation		
	Per capita US\$	Total (000)		Women (%)		% of GDP		% of GDP		% of GDP		% of GDP		% of GDP	
		2000	2000	2010	2000	2010	1990	2000	1990	2000	1990	2000	1990	2000	1990
<b>AFRICA</b>															
Algeria <sup>1</sup>	5,040	10,458	15,089	27.6	34.4	11	9	48	60	11	8	40	31	29	24
Angola <sup>1</sup>	1,180	5,941	7,840	46.2	45.9	18	6	41	76	5	3	41	18	12	28
Benin	980	2,835	3,825	48.1	47.7	36	38	13	14	8	9	51	48	14	20
Botswana	7,170	673	723	45.6	43.6	5	4	56	44	5	5	39	52	32	20
Burkina Faso <sup>1</sup>	970	5,486	7,116	49.2	48.1	32	35	22	17	16	12	45	48	21	28
Burundi <sup>1</sup>	580	3,344	4,728	49.3	48.1	56	51	19	18	13	9	25	31	15	9
Cameroon	1,590	6,104	7,800	37.9	38.7	25	44	29	20	15	11	46	36	18	16
Cape Verde	...	174	235	39.7	40.0	...	...	...	...	...	...	...	...	...	...
Central African Republic <sup>1</sup>	1,160	1,752	2,055	46.5	45.8	48	55	20	20	11	9	33	26	12	11
Chad	870	3,614	4,816	44.9	45.5	29	39	18	14	14	11	53	47	16	17
Comoros	...	331	448	43.2	42.6	...	...	...	...	...	...	...	...	...	...
Congo	570	1,232	1,641	43.4	43.5	13	5	41	71	8	3	46	24	16	24
Côte d'Ivoire	1,500	6,531	8,262	32.7	33.8	32	29	23	22	21	19	44	48	7	12
Dem. Republic of the Congo	...	20,686	28,415	43.4	42.9	30	...	28	...	11	...	42	...	9	...
Egypt	3,670	25,790	34,083	30.6	33.6	19	17	29	34	18	19	52	49	29	24
Equatorial Guinea	...	189	246	35.4	36.2	...	...	...	...	...	...	...	...	...	...
Eritrea	960	1,825	2,583	47.3	47.2	29	17	19	29	13	15	52	54	5	38
Ethiopia	660	27,781	34,651	41.8	41.5	49	52	13	11	8	7	38	37	12	14
Gabon	5,360	555	672	44.5	44.8	7	6	43	53	6	4	50	40	22	26
Gambia <sup>1</sup>	1,620	668	843	45.1	45.3	29	38	13	13	7	5	58	49	22	17
Ghana <sup>1</sup>	1,910	9,508	12,434	50.3	49.6	45	35	17	25	10	9	38	39	14	24
Guinea	1,930	4,047	4,938	47.2	46.9	24	24	33	37	5	4	43	39	18	22
Guinea-Bissau	710	549	685	40.6	40.7	61	59	19	12	8	10	21	29	30	18
Kenya	1,010	15,816	19,648	46.5	46.5	29	20	19	19	12	13	52	61	20	13
Lesotho <sup>1</sup>	2,590	864	909	36.6	36.3	24	17	33	44	14	16	43	39	53	40
Liberia	...	1,172	1,686	39.6	39.3	...	...	...	...	...	...	...	...	...	...
Libyan Arab Jamahiriya	...	1,794	2,372	23.4	27.4	...	...	...	...	...	...	...	...	...	...
Madagascar	820	7,632	10,163	44.6	44.6	32	35	14	13	12	...	53	52	17	16
Malawi	600	5,445	6,656	48.5	47.3	45	42	29	19	19	14	26	39	23	13
Mali	780	5,558	7,170	45.6	45.0	46	46	16	17	9	4	39	37	23	23
Mauritania	1,630	1,180	1,546	43.7	43.2	30	22	29	31	10	9	42	47	20	30
Mauritius <sup>2</sup>	9,940	507	567	32.7	34.6	12	6	32	32	24	24	56	62	31	26
Morocco	3,450	11,780	15,084	34.7	36.0	18	14	32	32	18	18	50	54	25	24
Mozambique <sup>1</sup>	800	9,586	11,295	48.3	48.0	37	24	18	25	10	13	44	50	16	34
Namibia <sup>1</sup>	6,410	695	841	41.4	41.1	11	11	35	28	13	11	54	61	35	24
Niger <sup>1</sup>	740	5,000	6,994	43.3	43.4	35	39	16	18	7	7	49	44	8	11
Nigeria	800	45,129	59,569	35.5	36.4	33	30	41	46	6	4	26	25	15	23
Réunion	...	297	351	43.4	45.0	...	...	...	...	...	...	...	...	...	...
Rwanda	930	4,134	5,147	48.5	47.9	33	44	25	21	19	12	42	35	15	15
Senegal	1,480	4,179	5,440	43.0	43.3	20	18	19	27	13	18	61	55	14	20
Sierra Leone	480	1,632	2,300	36.7	38.2	47	47	20	30	4	5	33	23	9	8
Somalia	...	3,757	5,405	43.3	43.3	65	...	...	...	5	...	...	...	16	...
South Africa <sup>1</sup>	9,160	18,028	18,992	38.3	38.1	5	3	40	31	24	19	55	66	12	15
Sudan	1,520	12,207	16,069	29.5	31.9	...	37	...	18	...	9	...	45	...	14
Swaziland	4,600	342	370	35.4	36.2	14	17	43	44	35	33	44	39	20	20
Togo	1,410	1,913	2,514	39.9	39.9	34	38	23	22	10	10	44	40	27	21
Tunisia	6,070	3,826	4,838	31.9	34.2	16	12	30	29	17	18	54	59	32	27
Uganda <sup>1</sup>	1,210	11,397	15,450	47.2	47.1	57	42	11	19	6	9	32	38	13	18
United Republic of Tanzania	520	18,088	23,089	49.1	48.5	46	45	18	16	9	7	36	39	26	18
Zambia	750	4,398	5,538	42.9	42.4	21	27	51	24	36	13	28	49	17	18
Zimbabwe	2,550	5,630	6,917	43.8	43.4	16	18	33	25	23	16	50	57	17	13
<b>ASIA</b>															
Afghanistan	...	8,872	12,657	35.3	36.6	...	...	...	...	...	...	...	...	...	...
Armenia	2,580	1,924	2,223	49.2	48.8	17	25	52	36	33	24	31	39	47	19
Azerbaijan	2,740	3,625	4,477	44.4	44.7	...	19	...	38	...	7	...	43	...	26
Bahrain	...	299	371	20.7	24.3	...	...	...	...	...	...	...	...	...	...
Bangladesh	1,590	69,611	88,727	41.9	42.5	29	25	21	24	13	15	50	51	17	23
Bhutan	...	1,005	1,311	39.7	40.0	...	...	...	...	...	...	...	...	...	...
Brunei Darussalam	...	148	191	35.1	38.2	...	...	...	...	...	...	...	...	...	...
Cambodia	1,440	6,401	8,579	52.0	50.9	56	37	11	20	5	6	33	42	8	15
China	3,920	762,942	824,808	45.3	45.2	27	16	42	51	33	35	31	33	35	37
China, Hong Kong SAR	25,590	3,716	4,157	38.6	39.5	-	-	25	14	18	6	74	85	27	28
China, Macau SAR	...	231	271	42.0	42.8	...	...	...	...	...	...	...	...	...	...
Cyprus	...	385	427	38.7	39.6	...	...	...	...	...	...	...	...	...	...
Dem. People's Rep. of Korea	...	11,421	12,238	43.2	43.6	...	...	...	...	...	...	...	...	...	...
Georgia	2,680	2,647	2,684	46.8	46.9	32	32	33	13	24	7	35	55	31	15
India	2,340	442,156	535,102	32.3	33.3	31	25	28	27	17	16	41	48	25	24
Indonesia	2,830	102,561	125,241	40.4	42.5	20	17	38	47	18	26	42	36	31	18
Iran (Islamic Republic of)	5,910	24,169	34,832	26.4	33.4	24	19	29	22	12	16	48	59	29	20
Iraq	...	6,339	8,999	19.8	23.2	...	...	...	...	...	...	...	...	...	...
Israel	19,330	2,589	3,308	41.7	44.1	...	...	...	...	...	...	...	...	25	19
Japan	27,080	68,369	67,217	41.4	43.2	2	1	39	32	27	22	58	66	33	26
Jordan	3,950	1,566	2,239	23.8	29.0	8	2	28	25	15	16	64	73	32	20
Kazakhstan	5,490	7,998	8,347	47.2	47.3	27	9	45	43	9	18	29	48	32	14
Kuwait	18,690	807	1,260	22.9	31.7	1	...	52	...	12	...	47	...	18	11
Kyrgyzstan	2,540	2,163	2,745	47.3	46.9	34	39	36	26	28	6	30	34	24	16
Lao People's Dem. Republic <sup>1</sup>	1,540	2,625	3,440	46.7	46.7	61	53	15	23	10	17	24	24	...	24





TABLE B.6

continued

	PPP* gross national income		Labour force			Agriculture value added		Industry value added		Manufacturing value added		Services value added		Gross capital formation	
	Per capita US\$	Total (000)		Women (%)		% of GDP		% of GDP		% of GDP		% of GDP		% of GDP	
		2000	2000	2010	2000	2010	1990	2000	1990	2000	1990	2000	1990	2000	1990
Nicaragua <sup>1</sup>	2,080	1,981	2,647	36.2	42.6	31	32	21	23	17	14	48	45	19	34
Panama <sup>1</sup>	5,680	1,205	1,386	35.3	39.8	9	7	15	17	9	8	76	76	17	30
Paraguay <sup>1</sup>	4,450	2,075	2,817	30.0	32.2	28	21	25	27	17	14	47	52	23	22
Peru	4,660	9,713	12,715	31.3	34.2	7	8	23	27	15	14	70	65	16	20
Puerto Rico	...	1,483	1,709	37.4	40.3	1	...	42	...	40	...	57	...	...	...
Suriname	...	159	193	33.3	36.3	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago	8,220	578	681	37.4	40.2	3	2	46	43	9	8	51	55	13	19
Uruguay	8,880	1,502	1,654	42.0	43.8	9	6	35	27	28	17	56	67	12	14
Venezuela	5,740	9,881	12,921	34.8	37.6	5	5	50	36	20	14	44	59	10	18
<b>NORTHERN AMERICA</b>															
Canada <sup>1</sup>	27,170	16,559	17,794	45.9	46.8	3	...	33	...	18	...	64	...	21	20
United States	34,100	145,105	159,723	46.0	47.0	...	...	...	...	...	...	...	...	18	21
<b>OCEANIA</b>															
Australia <sup>3</sup>	24,970	9,770	10,733	44.0	45.6	3	3	28	26	14	13	68	71	22	24
Fiji	...	324	401	30.6	36.9	...	...	...	...	...	...	...	...	...	...
New Zealand	18,530	1,883	2,042	45.4	46.7	7	...	28	...	19	...	65	...	19	21
Papua New Guinea <sup>1</sup>	2,180	2,313	2,950	41.9	42.7	29	26	30	44	9	9	41	30	24	18
Solomon Islands	...	223	302	46.6	46.4	...	...	...	...	...	...	...	...	...	...

Notes: \* PPP is purchasing power parity. 1 The estimate is based on regression; others are extrapolated from the International Comparison Programme benchmark estimates. 2 Data for Labour force include Agalesca, Rodrigues and Saint Brandon. 3 Data for Labour force include Christmas Island, Cocos (Keeling) Islands and Norfolk Island.

Sources: World Bank, *World Development Indicators 2002*; International Labour Organization (ILO); Organisation for Economic Co-operation and Development (OECD); United Nations Statistics Division (UNSD), *National Accounts Statistics: Main Aggregates and Detailed Tables*.

TABLE B.7

## Social Indicators

	Household final consumption expenditure % of GDP		Illiteracy rate				Population below the poverty line						Refugees and asylum-seekers* (000)		
			Male (%)	Female (%)	Male (%)	Female (%)	National			International					
							Year	Rural (%)	Urban (%)	Total (%)	Survey year	Below \$1 a day (%)		Below \$2 a day (%)	
	1990	2000	2000	2000	2015	2015									2001
<b>AFRICA</b>															
Algeria	57	42	23.7	43.0	12.7	26.0	1995	30.3	14.7	22.6	1995	<2	15.1	169	
Angola	36	17	...	...	...	...	...	...	...	...	...	...	...	...	228
Benin	87	82	47.9	76.4	30.1	61.7	1995	...	...	33.0	...	...	...	5	
Botswana	39	58	25.5	20.2	15.5	10.0	...	...	...	...	1985-86	33.3	61.4	4	
Burkina Faso	77	76	66.1	85.9	51.7	71.7	...	...	...	...	1994	61.2	85.8	1	
Burundi	95	93	43.9	59.6	33.6	38.2	1990	...	...	36.2	...	...	...	126	
Cameroon	67	69	20.9	36.3	10.5	18.0	1984	32.4	44.4	40.0	1996	33.4	64.4	44	
Cape Verde	...	...	15.5	34.3	9.7	20.8	...	...	...	...	...	...	...	...	
Central African Republic	86	81	40.3	65.1	25.0	41.7	...	...	...	...	1993	66.6	84.0	53	
Chad	89	91	48.4	66.0	28.8	40.6	1995-96	67.0	63.0	64.0	...	...	...	17	
Comoros	...	...	36.8	51.3	34.7	48.4	...	...	...	...	...	...	...	0	
Côte d'Ivoire	72	71	40.5	62.8	29.4	46.0	1995	...	...	36.8	1995	12.3	49.4	129	
Dem. Republic of the Congo	79	...	26.9	49.8	13.8	27.7	...	...	...	...	...	...	...	367	
Djibouti	...	...	24.4	45.6	14.0	27.2	...	...	...	...	...	...	...	24	
Egypt	73	73	33.4	56.2	26.0	42.3	1995-96	23.3	22.5	22.9	1995	3.1	52.7	23	
Equatorial Guinea	...	...	7.5	25.6	2.8	10.6	...	...	...	...	...	...	...	...	
Eritrea	98	132	32.7	55.5	21.4	40.5	1993-94	...	...	53.0	...	...	...	36	
Ethiopia	74	78	52.9	69.0	38.4	48.8	...	...	...	...	1995	31.3	76.4	162	
Gabon	50	62	...	...	...	...	...	...	...	...	...	...	...	19	
Gambia	76	83	56.3	70.3	38.2	52.2	1992	...	...	64.0	1998	59.3	82.9	8	
Ghana	85	81	19.7	36.8	9.9	19.3	1992	34.3	26.7	31.4	1999	44.8	78.5	14	
Guinea	73	77	...	...	...	...	1994	...	...	40.0	...	...	...	179	
Guinea-Bissau	87	95	45.9	76.5	29.2	54.2	1991	...	...	48.7	...	...	...	8	
Kenya	67	78	11.1	24.0	5.0	10.1	1992	46.4	29.3	42.0	1994	26.5	62.3	252	
Lesotho	139	101	27.4	6.4	18.6	2.7	1993	53.9	27.8	49.2	1993	43.1	65.7	-	
Liberia	...	...	29.8	63.3	17.5	46.5	...	...	...	...	...	...	...	253	
Libyan Arab Jamahiriya	...	...	9.2	31.9	3.2	17.4	...	...	...	...	...	...	...	12	
Madagascar	86	87	26.4	40.3	17.6	26.2	1993-94	77.0	47.0	70.0	1999	49.1	83.3	-	
Malawi	72	82	25.5	53.5	18.4	38.4	1990-91	...	...	54.0	...	...	...	6	
Mali	80	79	64.2	84.0	51.6	72.6	...	...	...	...	1994	72.8	90.6	9	
Mauritania	69	68	49.3	69.9	44.4	60.8	1989-90	...	...	57.0	1995	28.6	68.7	30	
Mauritius	65	66	12.2	18.8	8.7	11.7	1992	...	...	10.6	...	...	...	-	
Morocco	65	63	38.2	63.9	28.1	48.1	1998-99	27.2	12.0	19.0	1990-91	<2	7.5	3	
Mozambique	101	79	40.0	71.3	24.4	49.5	...	...	...	...	1996	37.9	78.4	6	
Namibia	46	54	17.2	18.8	10.1	8.5	...	...	...	...	1993	34.9	55.8	33	
Niger	84	84	76.2	91.5	65.4	83.8	1989-93	66.0	52.0	63.0	1995	61.4	85.3	1	



TABLE B.7

continued

	Household final consumption expenditure % of GDP		Illiteracy rate				Population below the poverty line						Refugees and asylum-seekers* (000)	
			Male		Female		National			International				
			Year	Rural	Urban	Total	Survey year	Below \$1 a day	Below \$2 a day					
			1990	2000	2000	2000	2015	2015	(%)	(%)	(%)	(%)		(%)
Norway <sup>7</sup>	49	43	...	...	...	...	...	...	...	...	...	...	...	50
Poland	48	64	0.3	0.3	0.2	0.2	1993	...	...	23.8	1998	<2	<2	1
Portugal	62	63	5.3	10.1	1.9	3.7	...	...	...	...	1994	<2	<2	-
Republic of Moldova	58	89	0.5	1.7	0.2	0.3	1997	26.7	...	23.3	1997	11.3	38.4	1
Romania	66	74	1.0	2.7	0.6	1.0	1994	27.9	20.4	21.5	1994	2.8	27.5	2
Russian Federation	49	46	0.3	0.6	0.2	0.3	1994	...	...	30.9	1998	7.1	25.1	1,140
Serbia and Montenegro	...	79	...	...	...	...	...	...	...	...	...	...	...	777
Slovakia	54	53	...	...	...	...	...	...	...	...	1992	<2	<2	4
Slovenia	55	55	0.3	0.4	0.3	0.3	...	...	...	...	1998	<2	<2	7
Spain <sup>7</sup>	60	59	1.5	3.2	0.8	1.4	...	...	...	...	...	...	...	7
Sweden <sup>7</sup>	49	50	...	...	...	...	...	...	...	...	...	...	...	164
Switzerland	57	61	...	...	...	...	...	...	...	...	...	...	...	84
TFYR Macedonia	72	82	...	...	...	...	...	...	...	...	...	...	...	169
Ukraine	57	58	0.3	0.5	0.2	0.2	1995	...	...	31.7	1999	2.9	31.0	10
United Kingdom <sup>7</sup>	63	65	...	...	...	...	...	...	...	...	...	...	...	187
<b>LATIN AMERICA AND THE CARIBBEAN</b>														
Argentina	77	71	3.2	3.2	2.3	2.0	1993	...	...	17.6	...	...	...	4
Bahamas	...	...	5.5	3.7	4.3	2.6	...	...	...	...	...	...	...	...
Barbados	...	...	0.3	0.3	0.2	0.2	...	...	...	...	...	...	...	...
Belize	...	...	6.7	6.8	3.6	2.9	...	...	...	...	...	...	...	1
Bolivia	77	74	8.1	20.8	3.6	10.9	1995	79.1	29.3 <sup>3</sup>	...	1999	14.4	34.3	-
Brazil	59	63	13.0	13.2	8.8	7.6	1990	32.6	13.1	17.4	1998	11.6	26.5	4
Chile	62	63	4.1	4.4	2.3	2.4	1998	...	...	21.2	1998	<2	8.7	-
Colombia	66	67	8.4	8.4	5.2	4.6	1992	31.2	8.0	17.7	1998	19.7	36.0	720
Costa Rica	61	67	4.5	4.4	2.8	2.5	1992	25.5	19.2	22.0	1998	12.6	26.0	11
Cuba	...	70	3.2	3.4	1.5	1.7	...	...	...	...	...	...	...	1
Dominican Republic	80	78	16.3	16.3	12.0	11.2	1992	29.8	10.9	20.6	1996	3.2	16.0	...
Ecuador	69	62	6.8	10.1	3.8	5.7	1994	47.0	25.0	35.0	1995	20.2	52.3	4
El Salvador	89	88	18.5	23.9	12.8	16.3	1992	55.7	43.1	48.3	1998	21.0	44.5	-
Guatemala	84	84	24.0	38.9	15.9	29.1	1989	71.9	33.7	57.9	1998	10.0	33.8	1
Guyana	...	...	1.1	1.9	0.5	0.6	...	...	...	...	...	...	...	...
Haiti	93	100	48.0	52.2	36.3	38.1	1995	66.0	...	65.0 <sup>4</sup>	...	...	...	...
Honduras	66	66	25.1	25.0	17.9	16.2	1993	51.0	57.0	53.0	1998	24.3	45.1	-
Jamaica	62	68	17.1	9.3	11.8	5.1	2000	...	...	18.7	1996	3.2	25.2	...
Martinique	...	...	3.0	2.2	1.3	0.9	...	...	...	...	...	...	...	...
Mexico	70	68	6.7	10.9	4.0	6.3	1998	...	...	10.1	1998	15.9	37.7	15
Netherlands Antilles	...	...	3.5	3.4	2.6	2.4	...	...	...	...	...	...	...	...
Nicaragua	59	88	33.8	33.3	29.2	28.3	1993	76.1	31.9	50.3	...	...	...	2
Panama	60	61	7.5	8.8	4.5	5.7	1997	64.9	15.3	37.3	1998	14.0	29.0	-
Paraguay	77	83	5.6	7.8	3.6	4.3	1991	28.5	19.7	21.8	1998	19.5	49.3	-
Peru	74	71	5.3	14.8	2.9	8.4	1997	64.7	40.4	49.0	1996	15.5	41.4	1
Puerto Rico	...	...	6.4	6.0	4.4	3.6	...	...	...	...	...	...	...	...
Suriname	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago	59	56	1.1	2.3	0.5	0.9	1992	20.0	24.0	21.0	1992	12.4	39.0	...
Uruguay	70	75	2.9	2.0	1.8	1.1	...	...	...	...	1989	<2	6.6	-
Venezuela	62	63	7.0	8.0	4.0	3.8	1989	...	...	31.3	1998	23.0	47.0	-
<b>NORTHERN AMERICA</b>														
Canada <sup>9</sup>	57	58	...	...	...	...	...	...	...	...	...	...	...	175
United States <sup>9</sup>	67	68	...	...	...	...	...	...	...	...	...	...	...	912
<b>OCEANIA</b>														
Australia <sup>9</sup>	59	60	...	...	...	...	...	...	...	...	...	...	...	69
Fiji	...	...	5.1	9.2	2.4	4.3	...	...	...	...	...	...	...	...
New Zealand <sup>9</sup>	63	64	...	...	...	...	...	...	...	...	...	...	...	7
Papua New Guinea	59	66	29.4	43.2	21.7	31.4	...	...	...	...	...	...	...	5
Samoa	...	...	1.1	1.7	0.7	0.9	...	...	...	...	...	...	...	...

Notes: \* Data for Refugees and asylum-seekers refer to the total asylum-seekers, refugees and others of concern to UNCHR. There is a total population of concern of 22 whose nationality falls under the category various/unknown. 1 Data refer to the year 1991. 2 Data refer to the year 1994. 3 Data refer to the year 1993. 4 Data refer to the year 1987. 5 According to the government, the number of Afghans is estimated to be some 2.3 million. 6 According to the government, the number of Afghans is estimated to be some 3.3 million. 7 Refugee estimate provided by UNHCR, based on ten years of refugee arrivals and asylum-seeker recognition. 8 In addition to the 85,553 asylum cases pending at the administrative level, some 107,000 claims were pending at the courts. 9 Refugee estimate provided by UNHCR, based on five years of refugee arrivals and asylum-seeker recognition.

Sources: World Bank, *World Development Indicators 2002*; United Nations Educational, Scientific and Cultural Organization (UNESCO); United Nations Commissioner for Refugees (UNHCR), *Statistical Yearbook 2001*.

TABLE C.1

## Urban Agglomerations: Population Size and Growth Rate

		Estimates and projections						Annual rate of growth					Share in country's urban population	
		(000)						(%)					(%)	
		1990	1995	2000	2005	2010	2015	1990–1995	1995–2000	2000–2005	2005–2010	2010–2015	2000	2015
<b>AFRICA</b>														
Algeria	Algiers	1,908	2,295	2,761	3,269	3,741	4,142	1.85	1.85	1.69	1.35	1.02	15.95	16.71
Angola	Luanda	1,644	2,149	2,697	3,362	4,166	5,144	2.68	2.27	2.20	2.14	2.11	60.03	56.07
Burkina Faso	Ouagadougou	594	700	831	1,014	1,284	1,659	1.63	1.71	2.00	2.36	2.56	43.59	38.86
Cameroon	Douala	1,001	1,317	1,642	1,972	2,297	2,607	2.74	2.21	1.83	1.53	1.26	22.57	21.90
Cameroon	Yaoundé	823	1,117	1,420	1,720	2,009	2,281	3.05	2.40	1.92	1.55	1.27	19.52	19.16
Congo	Brazzaville	826	1,055	1,306	1,589	1,901	2,259	2.45	2.13	1.96	1.80	1.73	66.15	65.83
Côte d'Ivoire	Abidjan	2,189	2,880	3,790	4,557	5,316	6,076	2.75	2.75	1.84	1.54	1.34	54.27	55.46
Dem. Republic of the Congo	Kinshasa	3,445	4,236	5,054	6,231	7,899	9,883	2.07	1.77	2.09	2.37	2.24	32.76	29.94
Dem. Republic of the Congo	Lubumbashi	671	809	965	1,201	1,540	1,950	1.88	1.76	2.19	2.49	2.36	6.25	5.91
Egypt	Alexandria	3,063	3,277	3,506	3,751	4,019	4,330	0.67	0.67	0.67	0.69	0.75	12.10	11.21
Egypt	Cairo	8,296	8,860	9,462	10,094	10,767	11,531	0.66	0.66	0.65	0.65	0.69	32.66	29.85
Egypt	Shubra El-Kheima	765	847	937	1,032	1,129	1,234	1.01	1.01	0.97	0.90	0.89	3.23	3.19
Ethiopia	Addis Ababa	1,791	2,173	2,645	3,238	3,988	4,932	1.93	1.97	2.02	2.08	2.13	27.09	24.99
Ghana	Accra	1,376	1,603	1,868	2,170	2,510	2,890	1.53	1.53	1.50	1.46	1.41	26.82	25.84
Guinea	Conakry	877	1,039	1,232	1,446	1,724	2,073	1.70	1.70	1.60	1.75	1.85	54.95	51.74
Kenya	Nairobi	1,380	1,756	2,233	2,825	3,500	4,168	2.41	2.41	2.35	2.14	1.75	21.82	22.09
Libyan Arab Jamahiriya	Benghazi	624	725	829	931	1,024	1,099	1.51	1.33	1.17	0.95	0.71	17.87	17.23
Libyan Arab Jamahiriya	Tripoli	1,297	1,518	1,733	1,940	2,122	2,265	1.58	1.32	1.13	0.90	0.65	37.39	35.52
Madagascar	Antananarivo	931	1,226	1,603	2,063	2,596	3,190	2.75	2.68	2.52	2.30	2.06	34.04	33.60
Mali	Bamako	737	906	1,114	1,378	1,719	2,143	2.07	2.07	2.13	2.21	2.21	32.49	29.79
Morocco	Casablanca	2,685	2,994	3,357	3,778	4,217	4,605	1.09	1.14	1.18	1.10	0.88	20.26	18.98
Morocco	Fes	684	787	907	1,042	1,179	1,300	1.41	1.42	1.38	1.23	0.98	5.48	5.36
Morocco	Marrakech	580	693	822	960	1,095	1,210	1.77	1.71	1.56	1.31	1.00	4.96	4.99
Morocco	Rabat	1,161	1,374	1,616	1,876	2,126	2,339	1.68	1.63	1.49	1.25	0.95	9.75	9.64
Mozambique	Maputo	776	921	1,094	1,316	1,593	1,899	1.72	1.72	1.85	1.91	1.76	18.62	16.75
Niger	Niamey	447	587	775	1,031	1,369	1,789	2.73	2.78	2.85	2.83	2.68	34.81	33.22
Nigeria	Ibadan	1,227	1,361	1,549	1,816	2,159	2,542	1.04	1.22	1.59	1.73	1.63	3.09	2.77
Nigeria	Lagos	4,765	6,485	8,665	11,134	13,627	15,966	3.08	2.90	2.51	2.02	1.58	17.27	17.41
Nigeria	Ogbomosho	623	702	809	957	1,146	1,356	1.19	1.42	1.69	1.80	1.68	1.61	1.48
Senegal	Dakar	1,401	1,708	2,078	2,510	2,987	3,481	1.98	1.96	1.89	1.74	1.53	46.50	44.86
Sierra Leone	Freetown	581	681	800	1,023	1,257	1,506	1.59	1.60	2.46	2.05	1.81	49.57	45.33
Somalia	Mogadishu	779	941	1,157	1,483	1,919	2,444	1.88	2.07	2.49	2.58	2.42	47.93	44.20
South Africa	Cape Town	2,322	2,603	2,930	3,213	3,377	3,458	1.14	1.18	0.92	0.50	0.24	11.90	11.54
South Africa	Durban	1,673	2,032	2,391	2,719	2,921	3,020	1.94	1.63	1.28	0.72	0.33	9.71	10.08
South Africa	East Rand	1,360	1,457	1,552	1,631	1,673	1,703	0.69	0.64	0.49	0.26	0.17	6.30	5.68
South Africa	Johannesburg	2,077	2,463	2,950	3,399	3,679	3,811	1.71	1.80	1.42	0.79	0.35	11.98	12.72
South Africa	Port Elizabeth	849	921	1,006	1,079	1,122	1,150	0.81	0.89	0.70	0.39	0.25	4.09	3.84
South Africa	Pretoria	1,060	1,292	1,590	1,874	2,059	2,152	1.98	2.07	1.64	0.94	0.44	6.46	7.18
Sudan	Khartoum	1,828	2,249	2,742	3,343	4,013	4,687	2.08	1.98	1.99	1.83	1.55	24.41	22.69
Tunisia	Tunis	1,568	1,722	1,892	2,070	2,249	2,414	0.94	0.94	0.90	0.83	0.71	30.52	29.19
Uganda	Kampala	755	955	1,213	1,560	2,047	2,706	2.35	2.39	2.51	2.72	2.79	36.78	33.77
United Republic of Tanzania	Dar es Salaam	1,313	1,657	2,115	2,702	3,375	4,080	2.32	2.44	2.45	2.22	1.90	18.67	17.91
Zambia	Lusaka	974	1,317	1,653	1,978	2,314	2,733	3.02	2.27	1.80	1.57	1.66	40.03	40.86
Zimbabwe	Bulawayo	570	699	824	964	1,130	1,314	2.03	1.64	1.57	1.60	1.50	18.47	17.50
Zimbabwe	Harare	1,048	1,410	1,791	2,186	2,598	3,013	2.97	2.39	1.99	1.73	1.48	40.16	40.14
<b>ASIA</b>														
Afghanistan	Kabul	1,565	2,048	2,602	3,358	4,364	5,397	2.69	2.40	2.55	2.62	2.13	54.64	50.42
Armenia	Yerevan	1,210	1,305	1,407	1,453	1,478	1,490	0.75	0.75	0.32	0.17	0.08	55.28	56.07
Azerbaijan	Baku	1,751	1,847	1,948	2,015	2,072	2,137	0.53	0.53	0.34	0.28	0.31	46.69	45.45
Bangladesh	Chittagong	2,265	2,942	3,651	4,468	5,389	6,360	2.62	2.16	2.02	1.87	1.66	10.63	10.11
Bangladesh	Dhaka	6,621	9,407	12,519	15,921	19,393	22,766	3.51	2.86	2.40	1.97	1.60	36.44	36.18
Bangladesh	Khulna	973	1,205	1,442	1,731	2,081	2,467	2.14	1.79	1.83	1.84	1.71	4.20	3.92
Bangladesh	Rajshahi	517	757	1,035	1,348	1,676	2,003	3.81	3.14	2.64	2.18	1.78	3.01	3.18
Cambodia	Phnom Penh	594	810	1,070	1,237	1,460	1,766	3.10	2.79	1.45	1.65	1.91	48.29	36.41
China <sup>1</sup>	Anshan	1,442	1,448	1,453	1,459	1,500	1,592	0.04	0.04	0.04	0.28	0.59	0.32	0.23
China <sup>1</sup>	Anshun	658	721	789	864	954	1,057	0.91	0.91	0.91	0.98	1.03	0.17	0.15
China <sup>1</sup>	Baotou	1,229	1,273	1,319	1,367	1,442	1,554	0.36	0.36	0.36	0.53	0.75	0.29	0.22
China <sup>1</sup>	Beijing	10,819	10,829	10,839	10,849	11,099	11,671	0.01	0.01	0.01	0.23	0.50	2.38	1.67
China <sup>1</sup>	Benxi	938	947	957	967	1,000	1,065	0.10	0.10	0.10	0.34	0.64	0.21	0.15
China <sup>1</sup>	Changchun	2,192	2,604	3,093	3,673	4,315	4,944	1.72	1.72	1.72	1.61	1.36	0.68	0.71
China <sup>1</sup>	Changde	1,180	1,273	1,374	1,483	1,615	1,774	0.76	0.76	0.76	0.86	0.94	0.30	0.25
China <sup>1</sup>	Changsha	1,329	1,536	1,775	2,051	2,359	2,674	1.45	1.45	1.45	1.40	1.25	0.39	0.38
China <sup>1</sup>	Changzhou	730	804	886	976	1,082	1,202	0.97	0.97	0.97	1.03	1.05	0.19	0.17
China <sup>1</sup>	Chengdu	2,955	3,120	3,294	3,478	3,720	4,030	0.54	0.54	0.54	0.67	0.80	0.72	0.58
China <sup>1</sup>	Chifeng	987	1,036	1,087	1,140	1,215	1,318	0.48	0.48	0.48	0.64	0.81	0.24	0.19
China <sup>1</sup>	Chongqing	3,123	4,073	4,900	5,695	6,572	7,440	2.66	1.85	1.50	1.43	1.24	1.07	1.07
China <sup>1</sup>	Dalian	2,472	2,549	2,628	2,709	2,843	3,048	0.30	0.30	0.30	0.48	0.70	0.58	0.44
China <sup>1</sup>	Daqing	997	1,035	1,076	1,117	1,181	1,275	0.38	0.38	0.38	0.56	0.76	0.24	0.18
China <sup>1</sup>	Datong	1,277	1,220	1,165	1,112	1,141	1,210	-0.46	-0.46	-0.46	0.25	0.58	0.26	0.17
China <sup>1</sup>	Dongguan	1,737	1,514	1,319	1,150	1,179	1,250	-1.38	-1.38	-1.38	0.25	0.58	0.29	0.18
China <sup>1</sup>	Fushun	1,388	1,400	1,413	1,425	1,471	1,565	0.09	0.09	0.09	0.32	0.62	0.31	0.22
China <sup>1</sup>	Fuxin	743	764	785	807	846	910	0.27	0.27	0.27	0.48	0.73	0.17	0.13
China <sup>1</sup>	Fuyou	945	984	1,025	1,068	1,131	1,223	0.41	0.41	0.41	0.58	0.78	0.22	0.18
China <sup>1</sup>	Fuzhou	1,396	1,396	1,397	1,398	1,434	1,519	0.00	0.00	0.00	0.25	0.58	0.31	0.22
China <sup>1</sup>	Guangzhou	3,918	3,906	3,893	3,881	3,973	4,192	-0.03	-0.03	-0.03	0.24	0.54	0.85	0.60
China <sup>1</sup>	Guiyang													

TABLE C.1

continued

		Estimates and projections					Annual rate of growth					Share in country's urban population		
		(000)					(%)					(%)		
		1990	1995	2000	2005	2010	2015	1990–1995	1995–2000	2000–2005	2005–2010	2010–2015	2000	2015
China <sup>1</sup>	Hangzhou	1,476	1,621	1,780	1,955	2,159	2,388	0.94	0.94	0.94	0.99	1.01	0.39	0.34
China <sup>1</sup>	Harbin	2,991	2,959	2,928	2,898	2,968	3,135	-0.11	-0.11	-0.11	0.24	0.55	0.64	0.45
China <sup>1</sup>	Hefei	1,100	1,169	1,242	1,320	1,421	1,550	0.61	0.61	0.61	0.74	0.87	0.27	0.22
China <sup>1</sup>	Hengyang	702	749	799	853	921	1,008	0.65	0.65	0.65	0.77	0.90	0.18	0.14
China <sup>1</sup>	Heze	1,201	1,386	1,600	1,847	2,123	2,406	1.44	1.44	1.44	1.39	1.25	0.35	0.34
China <sup>1</sup>	Huaian	1,113	1,171	1,232	1,297	1,385	1,504	0.51	0.51	0.51	0.66	0.82	0.27	0.22
China <sup>1</sup>	Huaibei	536	682	814	946	1,094	1,246	2.41	1.77	1.50	1.46	1.31	0.18	0.18
China <sup>1</sup>	Huainan	1,228	1,289	1,354	1,422	1,515	1,643	0.49	0.49	0.49	0.64	0.81	0.30	0.24
China <sup>1</sup>	Huhehaote	938	958	978	998	1,040	1,114	0.20	0.20	0.20	0.42	0.69	0.21	0.16
China <sup>1</sup>	Hunjiang	722	746	772	798	841	907	0.33	0.33	0.33	0.53	0.76	0.17	0.13
China <sup>1</sup>	Huzhou	1,028	1,052	1,077	1,102	1,152	1,235	0.23	0.23	0.23	0.44	0.70	0.24	0.18
China <sup>1</sup>	Jiamusi	660	759	874	1,006	1,155	1,311	1.41	1.41	1.41	1.38	1.26	0.19	0.19
China <sup>1</sup>	Jiaxing	741	766	791	817	861	928	0.33	0.33	0.33	0.52	0.75	0.17	0.13
China <sup>1</sup>	Jilin	1,320	1,376	1,435	1,496	1,585	1,712	0.42	0.42	0.42	0.58	0.77	0.31	0.25
China <sup>1</sup>	Jinan	2,404	2,484	2,568	2,654	2,791	2,996	0.33	0.33	0.33	0.50	0.71	0.56	0.43
China <sup>1</sup>	Jingmen	1,017	1,083	1,153	1,228	1,324	1,445	0.63	0.63	0.63	0.75	0.88	0.25	0.21
China <sup>1</sup>	Jining	871	942	1,019	1,101	1,203	1,323	0.78	0.78	0.78	0.88	0.96	0.22	0.19
China <sup>1</sup>	Jinxi	1,350	1,568	1,821	2,115	2,443	2,775	1.50	1.50	1.50	1.44	1.27	0.40	0.40
China <sup>1</sup>	Jinzhou	736	784	834	888	958	1,047	0.62	0.62	0.62	0.76	0.89	0.18	0.15
China <sup>1</sup>	Jixi	836	890	949	1,012	1,092	1,194	0.64	0.64	0.64	0.76	0.89	0.21	0.17
China <sup>1</sup>	Kaifeng	693	730	769	810	866	942	0.52	0.52	0.52	0.67	0.84	0.17	0.13
China <sup>1</sup>	Kaohsiung	1,380	1,421	1,463	1,506	1,580	1,697	0.29	0.29	0.29	0.48	0.71	0.32	0.24
China <sup>1</sup>	Kunming	1,612	1,656	1,701	1,748	1,830	1,962	0.27	0.27	0.27	0.46	0.70	0.37	0.28
China <sup>1</sup>	Lanzhou	1,618	1,673	1,730	1,788	1,882	2,024	0.33	0.33	0.33	0.51	0.73	0.38	0.29
China <sup>1</sup>	Leshan	1,070	1,103	1,137	1,172	1,231	1,324	0.30	0.30	0.30	0.49	0.73	0.25	0.19
China <sup>1</sup>	Linqing	696	787	891	1,009	1,143	1,286	1.24	1.24	1.24	1.25	1.18	0.20	0.18
China <sup>1</sup>	Linyi	1,741	2,085	2,498	2,992	3,540	4,076	1.81	1.81	1.81	1.68	1.41	0.55	0.58
China <sup>1</sup>	Liu'an	1,481	1,641	1,818	2,015	2,242	2,491	1.03	1.03	1.03	1.07	1.05	0.40	0.36
China <sup>1</sup>	Liupanshui	1,845	1,932	2,023	2,118	2,252	2,435	0.46	0.46	0.46	0.61	0.78	0.44	0.35
China <sup>1</sup>	Lizhou	751	835	928	1,031	1,150	1,283	1.05	1.05	1.05	1.10	1.09	0.20	0.18
China <sup>1</sup>	Luoyang	1,202	1,321	1,451	1,594	1,762	1,951	0.94	0.94	0.94	1.00	1.02	0.32	0.28
China <sup>1</sup>	Mianyang	876	965	1,065	1,174	1,302	1,446	0.98	0.98	0.98	1.03	1.05	0.23	0.21
China <sup>1</sup>	Mudanjiang	751	775	801	827	871	939	0.32	0.32	0.32	0.52	0.75	0.18	0.13
China <sup>1</sup>	Nanchang	1,262	1,474	1,722	2,012	2,335	2,661	1.55	1.55	1.55	1.49	1.30	0.38	0.38
China <sup>1</sup>	Nanchong	619	860	1,055	1,226	1,417	1,614	3.30	2.04	1.50	1.45	1.30	0.23	0.23
China <sup>1</sup>	Nanjing	2,611	2,674	2,740	2,806	2,931	3,132	0.24	0.24	0.24	0.43	0.66	0.60	0.45
China <sup>1</sup>	Nanning	1,159	1,233	1,311	1,395	1,502	1,639	0.62	0.62	0.62	0.74	0.87	0.29	0.23
China <sup>1</sup>	Neijiang	1,289	1,340	1,393	1,449	1,532	1,653	0.39	0.39	0.39	0.56	0.76	0.31	0.24
China <sup>1</sup>	Ningbo	1,142	1,157	1,173	1,188	1,231	1,313	0.13	0.13	0.13	0.36	0.64	0.26	0.19
China <sup>1</sup>	Pingxiang	1,388	1,444	1,502	1,562	1,653	1,783	0.39	0.39	0.39	0.56	0.76	0.33	0.26
China <sup>1</sup>	Qingdao	2,102	2,206	2,316	2,431	2,589	2,801	0.48	0.48	0.48	0.63	0.79	0.51	0.40
China <sup>1</sup>	Qiqihar	1,401	1,418	1,435	1,452	1,503	1,601	0.12	0.12	0.12	0.35	0.63	0.31	0.23
China <sup>1</sup>	Shanghai	13,342	13,112	12,887	12,665	12,944	13,598	-0.17	-0.17	-0.17	0.22	0.49	2.82	1.95
China <sup>1</sup>	Shantou	885	1,020	1,176	1,356	1,558	1,767	1.42	1.42	1.42	1.39	1.26	0.26	0.25
China <sup>1</sup>	Shenyang	4,655	4,741	4,828	4,916	5,105	5,429	0.18	0.18	0.18	0.38	0.61	1.06	0.78
China <sup>1</sup>	Shenzhen	875	995	1,131	1,285	1,460	1,645	1.28	1.28	1.28	1.28	1.19	0.25	0.24
China <sup>1</sup>	Shijiazhuang	1,372	1,483	1,603	1,733	1,890	2,076	0.78	0.78	0.78	0.87	0.94	0.35	0.30
China <sup>1</sup>	Suining	1,260	1,341	1,428	1,520	1,639	1,788	0.63	0.63	0.63	0.75	0.87	0.31	0.26
China <sup>1</sup>	Suqian	1,061	1,123	1,189	1,258	1,350	1,470	0.57	0.57	0.57	0.71	0.85	0.26	0.21
China <sup>1</sup>	Suzhou	875	1,017	1,183	1,376	1,592	1,813	1.51	1.51	1.51	1.46	1.30	0.26	0.26
China <sup>1</sup>	Tai'an	1,413	1,457	1,503	1,550	1,628	1,749	0.31	0.31	0.31	0.49	0.72	0.33	0.25
China <sup>1</sup>	Taichung	754	847	950	1,066	1,200	1,344	1.15	1.15	1.15	1.18	1.14	0.21	0.19
China <sup>1</sup>	Taipei	2,711	2,629	2,550	2,473	2,534	2,678	-0.31	-0.31	-0.31	0.24	0.55	0.56	0.38
China <sup>1</sup>	Taiyuan	2,225	2,318	2,415	2,516	2,664	2,871	0.41	0.41	0.41	0.57	0.75	0.53	0.41
China <sup>1</sup>	Tangshan	1,485	1,575	1,671	1,773	1,905	2,074	0.59	0.59	0.59	0.72	0.85	0.37	0.30
China <sup>1</sup>	Tianjin	8,785	8,969	9,156	9,346	9,716	10,319	0.21	0.21	0.21	0.39	0.60	2.01	1.48
China <sup>1</sup>	Tianmen	1,484	1,625	1,779	1,948	2,146	2,371	0.91	0.91	0.91	0.97	1.00	0.39	0.34
China <sup>1</sup>	Tianshui	1,040	1,111	1,187	1,269	1,372	1,501	0.66	0.66	0.66	0.78	0.90	0.26	0.21
China <sup>1</sup>	Tongliao	674	727	785	847	924	1,017	0.76	0.76	0.76	0.87	0.96	0.17	0.15
China <sup>1</sup>	Wanxian	1,414	1,577	1,759	1,963	2,195	2,447	1.09	1.09	1.09	1.12	1.08	0.39	0.35
China <sup>1</sup>	Weifang	1,152	1,217	1,287	1,360	1,458	1,586	0.55	0.55	0.55	0.69	0.84	0.28	0.23
China <sup>1</sup>	Wenzhou	604	987	1,269	1,475	1,705	1,940	4.90	2.52	1.50	1.45	1.29	0.28	0.28
China <sup>1</sup>	Wuhan	3,833	4,451	5,169	6,003	6,923	7,833	1.50	1.50	1.50	1.43	1.24	1.13	1.12
China <sup>1</sup>	Wulumuqi	1,161	1,282	1,415	1,562	1,733	1,924	0.99	0.99	0.99	1.04	1.04	0.31	0.28
China <sup>1</sup>	Wuxi	1,009	1,066	1,127	1,192	1,278	1,391	0.56	0.56	0.56	0.70	0.85	0.25	0.20
China <sup>1</sup>	Xian	2,873	2,995	3,123	3,257	3,448	3,714	0.42	0.42	0.42	0.57	0.74	0.68	0.53
China <sup>1</sup>	Xiangxiang	853	880	908	936	985	1,061	0.31	0.31	0.31	0.51	0.74	0.20	0.15
China <sup>1</sup>	Xiantao	1,361	1,482	1,614	1,758	1,929	2,126	0.85	0.85	0.85	0.93	0.97	0.35	0.30
China <sup>1</sup>	Xianyang	737	813	896	988	1,096	1,218	0.98	0.98	0.98	1.04	1.05	0.20	0.17
China <sup>1</sup>	Xiaoshan	1,113	1,119	1,124	1,130	1,164	1,236	0.05	0.05	0.05	0.29	0.61	0.25	0.18
China <sup>1</sup>	Xinghua	1,497	1,526	1,556	1,587	1,652	1,766	0.19	0.19	0.19	0.40	0.66	0.34	0.25
China <sup>1</sup>	Xintai	1,306	1,315	1,325	1,334	1,375	1,461	0.07	0.07	0.07	0.31	0.61	0.29	0.21
China <sup>1</sup>	Xinyi	884	927	973	1,022	1,089	1,182	0.48	0.48	0.48	0.64	0.82	0.21	0.17
China <sup>1</sup>	Xinyu	608	701	808	932	1,071	1,216	1.42	1.42	1.42	1.39	1.27	0.18	0.17
China <sup>1</sup>	Xuanzhou	769	796	823	851	898	968	0.34	0.34	0.34	0.53	0.76	0.18	0.14
China <sup>1</sup>	Xuzhou	944	1,329	1,636	1,901	2,197	2,497	3.43	2.08	1.50	1.45	1.28	0.36	0.36
China <sup>1</sup>	Yancheng	1,352	1,453	1,562	1,678	1,823	1,997	0.72	0.72	0.72	0.82	0.91	0.34	0.29
China <sup>1</sup>	Yantai	838	1,320	1,681	1,953	2,256	2,564	4.54	2.41	1.50	1.45	1.28	0.37	0.37



China <sup>1</sup>	Yichun (Heilongjiang)	882	893	904	916	949	1,012	0.12	0.12	0.12	0.35	0.65	0.20	0.15
China <sup>1</sup>	Yichun (Jiangxi)	836	854	871	890	928	994	0.21	0.21	0.21	0.42	0.69	0.19	0.14
China <sup>1</sup>	Yixing	1,065	1,086	1,108	1,129	1,177	1,259	0.20	0.20	0.20	0.41	0.68	0.24	0.18
China <sup>1</sup>	Yiyang	1,062	1,194	1,343	1,510	1,700	1,904	1.17	1.17	1.17	1.19	1.13	0.29	0.27
China <sup>1</sup>	Yongzhou	946	1,019	1,097	1,182	1,287	1,413	0.74	0.74	0.74	0.85	0.94	0.24	0.20
China <sup>1</sup>	Yueyang	1,078	1,143	1,213	1,286	1,383	1,507	0.59	0.59	0.59	0.72	0.86	0.27	0.22
China <sup>1</sup>	Yulin	1,323	1,436	1,558	1,691	1,850	2,037	0.82	0.82	0.82	0.90	0.96	0.34	0.29
China <sup>1</sup>	Yuyao	794	821	848	876	923	995	0.33	0.33	0.33	0.52	0.75	0.19	0.14
China <sup>1</sup>	Yuzhou	1,073	1,122	1,173	1,226	1,303	1,411	0.45	0.45	0.45	0.61	0.79	0.26	0.20
China <sup>1</sup>	Zaoyang	962	1,039	1,121	1,210	1,319	1,450	0.76	0.76	0.76	0.86	0.95	0.25	0.21
China <sup>1</sup>	Zaozhuang	1,793	1,916	2,048	2,189	2,365	2,582	0.66	0.66	0.66	0.78	0.88	0.45	0.37
China <sup>1</sup>	Zhangjiakou	720	796	880	973	1,082	1,204	1.01	1.01	1.01	1.06	1.07	0.19	0.17
China <sup>1</sup>	Zhangjiangang	793	838	886	936	1,004	1,094	0.55	0.55	0.55	0.70	0.85	0.19	0.16
China <sup>1</sup>	Zhanjiang	1,049	1,198	1,368	1,562	1,780	2,008	1.33	1.33	1.33	1.31	1.20	0.30	0.29
China <sup>1</sup>	Zhaodong	797	824	851	879	926	998	0.33	0.33	0.33	0.52	0.75	0.19	0.14
China <sup>1</sup>	Zhengzhou	1,752	1,905	2,070	2,250	2,464	2,711	0.83	0.83	0.83	0.91	0.96	0.45	0.39
China <sup>1</sup>	Zibo	2,484	2,578	2,675	2,775	2,928	3,148	0.37	0.37	0.37	0.54	0.73	0.59	0.45
China <sup>1</sup>	Zigong	977	1,023	1,072	1,123	1,195	1,295	0.46	0.46	0.46	0.62	0.80	0.23	0.19
China, Hong Kong SAR <sup>2</sup>	Hong Kong	5,701	6,210	6,860	7,271	7,659	8,025	0.86	1.00	0.58	0.52	0.47	..	..
Dem. People's Rep. of Korea	Nampo	580	808	1,022	1,185	1,288	1,359	3.31	2.35	1.47	0.84	0.53	7.62	8.49
Dem. People's Rep. of Korea	Pyeongyang	2,473	2,865	3,124	3,300	3,442	3,580	1.47	0.86	0.55	0.42	0.39	23.29	22.38
Georgia	Tbilisi	1,277	1,382	1,406	1,406	1,406	1,406	0.79	0.17	-	-	-	47.46	47.96
India	Agra	933	1,095	1,293	1,526	1,757	1,990	1.60	1.66	1.66	1.41	1.25	0.46	0.50
India	Ahmedabad	3,255	3,790	4,427	5,171	5,893	6,612	1.52	1.55	1.55	1.31	1.15	1.59	1.67
India	Allahabad	830	928	1,035	1,153	1,269	1,400	1.12	1.09	1.09	0.95	0.98	0.37	0.35
India	Amritsar	701	814	955	1,121	1,284	1,452	1.50	1.60	1.60	1.36	1.23	0.34	0.37
India	Asansol	728	891	1,065	1,272	1,479	1,686	2.03	1.78	1.78	1.51	1.31	0.38	0.43
India	Aurangabad	569	708	868	1,065	1,265	1,461	2.19	2.04	2.04	1.72	1.44	0.31	0.37
India	Bangalore	4,036	4,745	5,567	6,533	7,469	8,391	1.62	1.60	1.60	1.34	1.16	2.00	2.12
India	Bhopal	1,031	1,218	1,425	1,667	1,905	2,148	1.67	1.57	1.57	1.34	1.20	0.51	0.54
India	Chandigarh	564	667	791	937	1,083	1,232	1.68	1.70	1.70	1.45	1.28	0.28	0.31
India	Coimbatore	1,088	1,239	1,420	1,628	1,830	2,044	1.30	1.36	1.36	1.17	1.10	0.51	0.52
India	Delhi	8,207	10,093	12,441	15,335	18,215	20,884	2.07	2.09	2.09	1.72	1.37	4.46	5.27
India	Dhanbad	805	915	1,046	1,195	1,341	1,497	1.28	1.33	1.33	1.15	1.10	0.37	0.38
India	Durg-Bhilainagar	673	782	906	1,049	1,190	1,337	1.50	1.47	1.47	1.26	1.17	0.32	0.34
India	Faridabad	593	779	1,018	1,331	1,662	1,977	2.74	2.68	2.68	2.22	1.74	0.36	0.50
India	Ghaziabad	492	675	928	1,277	1,662	2,027	3.15	3.19	3.19	2.64	1.98	0.33	0.51
India	Guwahati	572	675	797	941	1,084	1,230	1.66	1.66	1.66	1.42	1.27	0.29	0.31
India	Gwalior	706	779	855	939	1,021	1,120	0.98	0.94	0.94	0.84	0.92	0.31	0.28
India	Hubli-Dharwad	639	705	776	854	931	1,023	0.97	0.96	0.96	0.86	0.94	0.28	0.26
India	Hyderabad	4,193	4,825	5,445	6,146	6,812	7,513	1.40	1.21	1.21	1.03	0.98	1.95	1.89
India	Indore	1,088	1,314	1,597	1,942	2,288	2,626	1.89	1.95	1.95	1.64	1.38	0.57	0.66
India	Jabalpur	880	982	1,100	1,234	1,363	1,508	1.10	1.14	1.14	1.00	1.01	0.39	0.38
India	Jaipur	1,478	1,826	2,259	2,796	3,339	3,860	2.11	2.13	2.13	1.78	1.45	0.81	0.97
India	Jamshedpur	817	938	1,081	1,246	1,408	1,578	1.37	1.42	1.42	1.22	1.14	0.39	0.40
India	Jodhpur	654	739	833	939	1,042	1,157	1.22	1.20	1.20	1.05	1.04	0.30	0.29
India	Kanpur	2,001	2,294	2,641	3,040	3,427	3,826	1.36	1.41	1.41	1.20	1.10	0.95	0.96
India	Kochi (Cochin)	1,103	1,229	1,340	1,461	1,578	1,721	1.09	0.86	0.86	0.77	0.78	0.48	0.43
India	Kolkata (Calcutta)	10,890	11,925	13,058	14,299	15,452	16,747	0.91	0.91	0.91	0.78	0.80	4.68	4.22
India	Kozhikode (Calicut)	781	835	875	917	960	1,030	0.66	0.47	0.47	0.46	0.70	0.31	0.26
India	Lucknow	1,614	1,906	2,221	2,589	2,947	3,312	1.66	1.53	1.53	1.30	1.17	0.80	0.84
India	Ludhiana	1,006	1,183	1,368	1,583	1,793	2,011	1.62	1.46	1.46	1.25	1.15	0.49	0.51
India	Madras	5,338	5,836	6,353	6,915	7,445	8,068	0.89	0.85	0.85	0.74	0.80	2.28	2.03
India	Madurai	1,073	1,132	1,187	1,245	1,305	1,398	0.53	0.48	0.48	0.47	0.69	0.43	0.35
India	Meerut	824	975	1,143	1,340	1,534	1,733	1.68	1.59	1.59	1.35	1.22	0.41	0.44
India	Mumbai (Bombay)	12,308	14,111	16,086	18,337	20,455	22,577	1.37	1.31	1.31	1.09	0.99	5.76	5.69
India	Mysore	640	708	776	851	925	1,014	1.01	0.92	0.92	0.83	0.92	0.28	0.26
India	Nagpur	1,637	1,849	2,089	2,359	2,621	2,902	1.22	1.22	1.22	1.05	1.02	0.75	0.73
India	Nashik	700	886	1,117	1,408	1,708	1,997	2.35	2.31	2.31	1.93	1.56	0.40	0.50
India	Patna	1,087	1,331	1,658	2,066	2,483	2,883	2.03	2.20	2.20	1.84	1.49	0.59	0.73
India	Pune (Poona)	2,430	2,978	3,655	4,485	5,318	6,112	2.03	2.05	2.05	1.70	1.39	1.31	1.54
India	Rajkot	638	787	974	1,205	1,442	1,672	2.10	2.13	2.13	1.79	1.48	0.35	0.42
India	Ranchi	607	712	844	999	1,155	1,312	1.60	1.69	1.69	1.44	1.15	0.30	0.33
India	Solapur	613	720	853	1,012	1,170	1,330	1.60	1.70	1.70	1.45	1.28	0.31	0.34
India	Srinagar	730	833	954	1,093	1,229	1,374	1.31	1.36	1.36	1.17	1.12	0.34	0.35
India	Surat	1,469	1,984	2,699	3,672	4,729	5,715	3.01	3.08	3.08	2.53	1.89	0.97	1.44
India	Thiruvananthapuram	801	853	885	918	954	1,018	0.63	0.37	0.37	0.38	0.65	0.32	0.26
India	Tiruchchirappalli	705	768	837	914	988	1,080	0.86	0.87	0.87	0.78	0.89	0.30	0.27
India	Vadodara	1,096	1,273	1,465	1,686	1,901	2,127	1.49	1.40	1.40	1.20	1.12	0.52	0.54
India	Varanasi (Benares)	1,013	1,106	1,199	1,300	1,398	1,522	0.87	0.81	0.81	0.73	0.85	0.43	0.38
India	Vijayawada	821	914	999	1,093	1,184	1,294	1.07	0.89	0.89	0.80	0.89	0.36	0.33
India	Visakhapatnam	1,018	1,168	1,309	1,468	1,623	1,794	1.37	1.15	1.15	1.00	1.00	0.47	0.45
Indonesia	Bandar Lampung (Tanj)	567	720	915	1,145	1,382	1,595	2.39	2.39	2.24	1.89	1.43	1.05	1.16
Indonesia	Bandung	2,460	2,896	3,409	4,008	4,646	5,245	1.63	1.63	1.62	1.48	1.21	3.92	3.81
Indonesia	Jakarta	7,650	9,161	11,018	13,156	15,341	17,268	1.80	1.85	1.77	1.54	1.18	12.67	12.55
Indonesia	Malang	620	698	787	896	1,023	1,155	1.20	1.20	1.29	1.33	1.22	0.91	0.84
Indonesia	Medan	1,537	1,699	1,879	2,103	2,371	2,655	1.01	1.01	1.13	1.20	1.13	2.16	1.93
Indonesia	Palembang	1,033	1,212	1,422	1,671	1,940	2,200	1.60	1.60	1.61	1.50	1.26	1.64	1.60
Indonesia	Semarang	804	795	787	814	877	969	-0.11	-0.11	0.33	0.75	0.99	0.91	0.70
Indonesia	Surabaya	2,062	2,253	2,461	2,727	3,055	3,407	0.89	0.89	1.03	1.13	1.09	2.83	2.48
Indonesia	Tegal	550	650	762	896	1,042	1,186	1.67	1.60	1.61	1.52	1.29	0.88	0.86
Indonesia	Ujung Pandang	816	926	1,051	1,202	1,375	1,552	1.27	1.27	1.34	1.35	1.21	1.21	1.13
Iran (Islamic Republic of)	Ahvaz	688	784	871	968	1,074	1,188	1.30	1.05	1.05	1.04	1.01	1.93	1.86
Iran (Islamic Republic of)	Esfahan	1,094	1,230	1,381	1,552	1,737	1,929	1.17	1.16	1.16	1.12	1.05	3.07	3.02
Iran (Islamic Republic of)	Karaj	394	779	1,044	1,200	1,368	1,538	6.83	2.93	1.39	1.31	1.17	2.32	2.41
Iran (Islamic Republic of)	Mashhad	1,681	1,854	1,990	2,135	2,302	2,498	0.98	0.70	0.70	0.75	0.82	4.42	3.92
Iran (Islamic Republic of)	Qom	625	744	888	1,061	1,247	1,428	1.75	1.77	1.77	1.62	1.36	1.97	2.24
Iran (Islamic Republic of)	Shiraz	946	1,030	1,124	1,227	1,341	1,47							

TABLE C.1

continued

		Estimates and projections					Annual rate of growth					Share in country's urban population		
		(000)					(%)					(%)		
		1990	1995	2000	2005	2010	2015	1990–1995	1995–2000	2000–2005	2005–2010	2010–2015	2000	2015
Iran (Islamic Republic of)	Teheran	6,360	6,687	6,979	7,285	7,669	8,178	0.50	0.43	0.43	0.51	0.64	15.50	12.82
Iraq	Baghdad	4,039	4,433	4,865	5,359	5,923	6,549	0.93	0.93	0.97	1.00	1.00	31.40	28.44
Iraq	Mosul	744	917	1,131	1,371	1,611	1,835	2.09	2.09	1.92	1.61	1.30	7.30	7.97
Israel	Tel-Aviv-Yafo	1,790	1,897	2,001	2,126	2,266	2,392	0.58	0.53	0.60	0.64	0.54	36.15	33.17
Japan	Hiroshima	842	855	866	871	875	876	0.15	0.13	0.06	0.04	0.02	0.87	0.84
Japan	Kitakyushu	2,487	2,619	2,750	2,844	2,902	2,926	0.52	0.49	0.34	0.20	0.08	2.75	2.81
Japan	Kyoto	1,760	1,804	1,849	1,876	1,893	1,899	0.25	0.25	0.15	0.09	0.03	1.85	1.83
Japan	Nagoya	2,948	3,055	3,157	3,225	3,267	3,283	0.36	0.33	0.21	0.13	0.05	3.15	3.16
Japan	Osaka	11,035	11,043	11,013	11,013	11,013	11,013	0.01	-0.03	-	-	-	11.00	10.59
Japan	Sapporo	1,561	1,685	1,813	1,914	1,976	2,002	0.76	0.74	0.54	0.32	0.13	1.81	1.93
Japan	Sendai	743	839	953	1,050	1,113	1,139	1.22	1.27	0.97	0.58	0.23	0.95	1.10
Japan	Tokyo	25,081	25,785	26,444	26,849	27,093	27,190	0.28	0.25	0.15	0.09	0.04	26.42	26.16
Jordan	Amman	940	986	1,148	1,309	1,478	1,654	0.48	1.52	1.32	1.21	1.13	29.68	28.37
Kazakhstan	Almaty	1,124	1,127	1,130	1,130	1,130	1,144	0.03	0.03	-	-	0.12	12.52	12.33
Kuwait	Kuwait City	896	859	879	935	1,028	1,136	-0.43	0.23	0.61	0.95	0.99	47.83	42.35
Lebanon	Beirut	1,582	1,823	2,070	2,276	2,416	2,500	1.42	1.27	0.95	0.60	0.34	65.96	63.98
Malaysia	Kuala Lumpur	1,120	1,236	1,379	1,542	1,717	1,882	0.98	1.10	1.12	1.08	0.92	10.81	10.15
Mongolia	Ulan Bator	572	661	764	838	912	993	1.45	1.45	0.93	0.85	0.85	53.28	54.09
Myanmar	Mandalay	615	683	770	877	1,004	1,134	1.04	1.20	1.30	1.35	1.22	5.83	5.59
Myanmar	Yangon	3,316	3,853	4,393	4,965	5,610	6,258	1.50	1.31	1.22	1.22	1.09	33.23	30.85
Pakistan	Faisalabad	1,520	1,805	2,142	2,535	2,992	3,526	1.71	1.71	1.69	1.66	1.64	4.58	4.38
Pakistan	Gujranwala	923	1,106	1,325	1,581	1,877	2,223	1.81	1.81	1.77	1.72	1.67	2.83	2.76
Pakistan	Hyderabad	950	1,077	1,221	1,394	1,613	1,891	1.25	1.25	1.33	1.46	1.59	2.61	2.35
Pakistan	Karachi	7,147	8,468	10,032	11,830	13,871	16,197	1.70	1.70	1.65	1.59	1.55	21.46	20.10
Pakistan	Lahore	3,970	4,653	5,452	6,379	7,458	8,721	1.59	1.59	1.57	1.56	1.57	11.66	10.82
Pakistan	Multan	953	1,097	1,263	1,460	1,702	2,000	1.41	1.41	1.45	1.53	1.62	2.70	2.48
Pakistan	Peshawar	769	905	1,066	1,256	1,481	1,750	1.64	1.64	1.63	1.65	1.67	2.28	2.17
Pakistan	Rawalpindi	1,087	1,286	1,521	1,796	2,119	2,500	1.68	1.68	1.66	1.65	1.66	3.25	3.10
Philippines	Davao	856	1,179	1,146	1,179	1,258	1,365	3.20	-0.29	0.29	0.65	0.81	2.59	2.06
Philippines	Metro Manila	7,973	9,402	9,950	10,684	11,618	12,579	1.65	0.57	0.71	0.84	0.79	22.46	19.01
Republic of Korea	Ansan	249	487	984	1,555	1,998	2,230	6.70	7.04	4.58	2.50	1.10	2.57	4.99
Republic of Korea	Inch'on	1,785	2,272	2,884	3,137	3,213	3,270	2.41	2.39	0.84	0.24	0.18	7.54	7.32
Republic of Korea	Kwangju	1,122	1,249	1,379	1,379	1,379	1,395	1.08	0.99	-	-	0.12	3.60	3.12
Republic of Korea	P'ohang	314	493	790	1,036	1,192	1,275	4.53	4.71	2.72	1.40	0.68	2.06	2.86
Republic of Korea	Puch'on	651	771	900	917	917	929	1.69	1.54	0.18	-	0.13	2.35	2.08
Republic of Korea	Pusan	3,778	3,813	3,830	3,830	3,830	3,857	0.09	0.04	-	-	0.07	10.01	8.64
Republic of Korea	Seoul	10,544	10,256	9,888	9,888	9,888	9,918	-0.28	-0.37	-	-	0.03	25.84	22.21
Republic of Korea	Songnam	534	842	1,353	1,779	2,045	2,184	4.55	4.74	2.74	1.39	0.66	3.54	4.89
Republic of Korea	Suwon	628	748	876	895	895	907	1.75	1.58	0.22	-	0.13	2.29	2.03
Republic of Korea	Taeju	2,215	2,434	2,675	2,675	2,675	2,698	0.94	0.94	-	-	0.09	6.99	6.04
Republic of Korea	Taejeon	1,036	1,256	1,522	1,597	1,603	1,624	1.92	1.92	0.48	0.04	0.13	3.98	3.64
Republic of Korea	Ulsan	673	945	1,340	1,593	1,725	1,800	3.40	3.49	1.73	0.80	0.42	3.50	4.03
Saudi Arabia	Dammam	409	591	764	932	1,107	1,278	3.68	2.56	1.99	1.72	1.44	4.36	4.42
Saudi Arabia	Jidda	1,743	2,494	3,192	3,859	4,535	5,183	3.59	2.47	1.90	1.62	1.34	18.21	17.94
Saudi Arabia	Mecca	856	1,120	1,335	1,550	1,800	2,063	2.68	1.76	1.49	1.49	1.36	7.61	7.14
Saudi Arabia	Medina	529	722	891	1,058	1,241	1,429	3.11	2.10	1.71	1.60	1.41	5.08	4.94
Saudi Arabia	Riyadh	2,326	3,453	4,549	5,589	6,602	7,536	3.95	2.76	2.06	1.66	1.32	25.95	26.08
Singapore	Singapore	3,016	3,476	4,018	4,384	4,604	4,756	1.42	1.45	0.87	0.49	0.33	..	..
Syrian Arab Republic	Aleppo	1,554	1,870	2,229	2,622	3,046	3,489	1.85	1.76	1.63	1.50	1.36	26.78	25.96
Syrian Arab Republic	Damascus	1,732	1,920	2,144	2,425	2,775	3,170	1.03	1.10	1.23	1.35	1.33	25.76	23.59
Syrian Arab Republic	Homs	565	680	811	958	1,120	1,291	1.85	1.77	1.66	1.56	1.43	9.75	9.61
Thailand	Bangkok	5,901	6,596	7,372	8,140	8,937	9,816	1.11	1.11	0.99	0.93	0.94	59.20	55.89
Turkey	Adana	906	997	1,091	1,154	1,215	1,288	0.96	0.90	0.56	0.52	0.58	2.49	2.27
Turkey	Ankara	2,538	2,833	3,155	3,379	3,575	3,778	1.10	1.08	0.69	0.56	0.55	7.20	6.66
Turkey	Bursa	822	981	1,166	1,317	1,442	1,551	1.77	1.72	1.22	0.91	0.73	2.66	2.73
Turkey	Gaziantep	595	674	757	819	875	933	1.24	1.17	0.78	0.66	0.65	1.73	1.65
Turkey	Istanbul	6,544	7,662	8,953	9,946	10,722	11,362	1.58	1.56	1.05	0.75	0.58	20.42	20.03
Turkey	Izmir	1,740	1,965	2,214	2,393	2,548	2,704	1.22	1.19	0.78	0.63	0.59	5.05	4.77
United Arab Emirates	Dubai	478	651	886	1,029	1,145	1,229	3.08	3.08	1.50	1.06	0.71	39.21	41.55
Uzbekistan	Tashkent	2,074	2,111	2,148	2,197	2,277	2,428	0.18	0.18	0.22	0.36	0.64	23.50	20.72
Viet Nam	Hai Phong	1,471	1,570	1,676	1,814	2,007	2,269	0.65	0.65	0.79	1.01	1.23	8.91	7.60
Viet Nam	Hanoi	3,127	3,424	3,751	4,140	4,624	5,227	0.91	0.91	0.99	1.11	1.23	19.93	17.51
Viet Nam	Ho Chi Minh City	3,996	4,296	4,619	5,021	5,555	6,251	0.72	0.72	0.84	1.01	1.18	24.55	20.94
Yemen	Sana'a	678	965	1,327	1,777	2,328	3,028	3.53	3.19	2.92	2.70	2.63	29.27	29.35
<b>EUROPE</b>														
Austria	Vienna	2,055	2,060	2,065	2,068	2,069	2,069	0.03	0.02	0.01	0.01	0.00	37.98	37.15
Belarus	Minsk	1,617	1,692	1,667	1,667	1,667	1,667	0.46	-0.15	-	-	-	23.57	23.75
Belgium	Brussels	1,148	1,140	1,135	1,135	1,135	1,135	-0.07	-0.05	-	-	-	11.38	11.27
Bulgaria	Sofia	1,191	1,191	1,187	1,187	1,187	1,187	0.01	-0.03	-	-	-	22.14	25.13
Croatia	Zagreb	849	981	1,067	1,124	1,161	1,183	1.45	0.84	0.52	0.32	0.19	39.74	39.75
Czech Republic	Prague	1,207	1,214	1,203	1,203	1,203	1,203	0.05	-0.09	-	-	-	15.71	15.70
Denmark	Copenhagen	1,337	1,335	1,332	1,330	1,330	1,330	-0.02	-0.02	-0.02	-	-	29.43	28.89
Finland	Helsinki	872	943	937	937	937	937	0.78	-0.06	-	-	-	30.73	30.68
France	Lille	960	976	991	1,007	1,022	1,036	0.16	0.16	0.16	0.15	0.13	2.22	2.14
France	Lyon	1,265	1,309	1,353	1,394	1,425	1,446	0.34	0.34	0.30	0.22	0.15	3.03	2.98
France	Marseille	1,233	1,261	1,290	1,318	1,341	1,358	0.23	0.23	0.21	0.17	0.13	2.89	2.80
France	Paris	9,329	9,478	9,630	9,753	9,828	9,858	0.16	0.16	0.13	0.08	0.03	21.57	20.32
France	Toulouse	654	705	761	812	849	871	0.76	0.76	0.64	0.45	0.26	1.70	1.80

Germany	Aachen	1,001	1,040	1,060	1,069	1,070	1,070	0.39	0.19	0.08	0.02	-	1.48	1.48
Germany	Berlin	3,288	3,317	3,319	3,320	3,320	3,320	0.09	0.01	0.00	0.00	-	4.62	4.58
Germany	Bielefeld	1,201	1,262	1,294	1,307	1,310	1,310	0.49	0.25	0.10	0.02	-	1.80	1.81
Germany	Bremen	840	866	880	885	886	886	0.31	0.15	0.06	0.01	-	1.23	1.22
Germany	Hamburg	2,540	2,624	2,664	2,680	2,683	2,683	0.33	0.15	0.06	0.01	-	3.71	3.70
Germany	Hannover	1,230	1,267	1,283	1,290	1,291	1,291	0.29	0.13	0.05	0.01	-	1.79	1.78
Germany	Karlsruhe	912	954	977	986	988	988	0.45	0.23	0.09	0.02	-	1.36	1.36
Germany	Munich	2,134	2,237	2,291	2,313	2,317	2,317	0.47	0.24	0.09	0.02	-	3.19	3.19
Germany	Nuremberg	1,106	1,160	1,189	1,201	1,204	1,204	0.48	0.25	0.10	0.02	-	1.66	1.66
Germany	Rhein-Main <sup>3</sup>	3,456	3,605	3,681	3,712	3,718	3,718	0.42	0.21	0.08	0.02	-	5.13	5.13
Germany	Rhein-Neckar <sup>4</sup>	1,503	1,570	1,605	1,618	1,621	1,621	0.44	0.22	0.09	0.02	-	2.23	2.24
Germany	Rhein-Ruhr Middle <sup>5</sup>	2,700	3,030	3,233	3,317	3,335	3,335	1.16	0.65	0.26	0.05	-	4.50	4.60
Germany	Rhein-Ruhr North <sup>6</sup>	6,353	6,482	6,531	6,550	6,554	6,554	0.20	0.07	0.03	0.01	-	9.10	9.04
Germany	Rhein-Ruhr South <sup>7</sup>	2,855	2,984	3,050	3,077	3,082	3,082	0.44	0.22	0.09	0.02	-	4.25	4.25
Germany	Saarland <sup>8</sup>	878	888	891	892	892	892	0.11	0.03	0.01	0.00	-	1.24	1.23
Germany	Stuttgart	2,485	2,608	2,672	2,698	2,703	2,703	0.48	0.24	0.10	0.02	-	3.72	3.73
Greece	Athens	3,070	3,093	3,116	3,131	3,137	3,138	0.08	0.07	0.05	0.02	0.00	48.87	46.04
Greece	Thessaloniki	746	768	789	806	817	825	0.30	0.27	0.21	0.14	0.10	12.38	12.11
Hungary	Budapest	2,009	1,911	1,819	1,819	1,819	1,819	-0.50	-0.50	-	-	-	28.27	28.32
Ireland	Dublin	916	947	985	1,028	1,083	1,149	0.32	0.40	0.43	0.52	0.59	43.88	40.71
Italy	Florence	820	778	778	778	778	778	-0.53	-	-	-	-	2.02	1.99
Italy	Genoa	943	890	890	890	890	890	-0.58	-	-	-	-	2.31	2.28
Italy	Milan	4,603	4,251	4,251	4,251	4,251	4,251	-0.79	-	-	-	-	11.04	10.90
Italy	Naples	3,210	3,012	3,012	3,012	3,012	3,012	-0.64	-	-	-	-	7.82	7.72
Italy	Rome	2,807	2,649	2,649	2,649	2,649	2,649	-0.58	-	-	-	-	6.88	6.79
Italy	Turin	1,394	1,294	1,294	1,294	1,294	1,294	-0.75	-	-	-	-	3.36	3.32
Latvia	Riga	892	833	761	761	761	761	-0.69	-0.91	-	-	-	52.00	56.57
Netherlands	Amsterdam	1,053	1,102	1,105	1,110	1,113	1,115	0.45	0.03	0.04	0.03	0.01	7.78	7.46
Netherlands	Rotterdam	1,047	1,078	1,078	1,080	1,082	1,082	0.29	0.00	0.02	0.02	0.01	7.59	7.24
Norway	Oslo	684	729	779	807	822	836	0.64	0.66	0.35	0.19	0.17	23.34	22.69
Poland	Gdansk	857	875	893	900	906	913	0.20	0.20	0.09	0.07	0.07	3.71	3.61
Poland	Katowice	3,357	3,425	3,494	3,523	3,540	3,547	0.20	0.20	0.08	0.05	0.02	14.52	14.02
Poland	Krakow	806	832	859	874	884	892	0.31	0.31	0.17	0.12	0.09	3.57	3.53
Poland	Lodz	1,030	1,041	1,053	1,054	1,056	1,061	0.11	0.11	0.01	0.02	0.04	4.38	4.19
Poland	Warsaw	2,165	2,219	2,274	2,302	2,318	2,325	0.25	0.25	0.12	0.07	0.03	9.45	9.19
Portugal	Lisbon	2,434	3,363	3,861	4,232	4,472	4,544	3.23	1.38	0.92	0.55	0.16	59.83	58.46
Portugal	Porto	1,107	1,615	1,940	2,189	2,347	2,400	3.78	1.83	1.21	0.70	0.22	30.06	30.88
Romania	Bucharest	2,054	2,040	2,001	2,001	2,001	2,001	-0.07	-0.19	-	-	-	16.19	15.75
Russian Federation	Chelyabinsk	1,125	1,084	1,045	1,008	1,008	1,008	-0.37	-0.37	-0.37	-	-	0.99	1.02
Russian Federation	Ekaterinburg	1,338	1,277	1,218	1,162	1,162	1,162	-0.47	-0.47	-0.47	-	-	1.15	1.18
Russian Federation	Kazan	1,089	1,076	1,063	1,051	1,051	1,051	-0.12	-0.12	-0.12	-	-	1.00	1.07
Russian Federation	Krasnoyarsk	901	870	840	811	811	811	-0.35	-0.35	-0.35	-	-	0.79	0.82
Russian Federation	Moscow	8,837	8,599	8,367	8,141	8,141	8,141	-0.27	-0.27	-0.27	-	-	7.89	8.25
Russian Federation	Nizhni Novgorod	1,420	1,376	1,332	1,290	1,290	1,290	-0.32	-0.32	-0.32	-	-	1.26	1.31
Russian Federation	Novosibirsk	1,416	1,368	1,321	1,276	1,276	1,276	-0.35	-0.35	-0.35	-	-	1.25	1.29
Russian Federation	Omsk	1,149	1,161	1,174	1,187	1,187	1,187	0.11	0.11	0.11	-	-	1.11	1.20
Russian Federation	Perm	1,072	1,031	991	952	952	952	-0.40	-0.40	-0.40	-	-	0.93	0.97
Russian Federation	Rostov-on-Don	1,016	1,014	1,012	1,009	1,009	1,009	-0.02	-0.02	-0.02	-	-	0.95	1.02
Russian Federation	Saint Petersburg	4,944	4,787	4,635	4,488	4,488	4,488	-0.32	-0.32	-0.32	-	-	4.37	4.55
Russian Federation	Samara	1,238	1,184	1,132	1,083	1,083	1,083	-0.45	-0.45	-0.45	-	-	1.07	1.10
Russian Federation	Saratov	901	891	881	871	871	871	-0.11	-0.11	-0.11	-	-	0.83	0.88
Russian Federation	Tolyatti	644	705	771	843	886	899	0.89	0.89	0.89	0.50	0.14	0.73	0.91
Russian Federation	Ufa	1,084	1,093	1,102	1,110	1,110	1,110	0.08	0.08	0.08	-	-	1.04	1.13
Russian Federation	Ulyanovsk	647	748	864	999	1,098	1,144	1.45	1.45	1.45	0.95	0.41	0.81	1.16
Russian Federation	Volgograd	998	999	1,000	1,000	1,000	1,000	0.01	0.01	0.01	-	-	0.94	1.01
Russian Federation	Voronezh	888	903	918	934	934	934	0.17	0.17	0.17	-	-	0.87	0.95
Serbia and Montenegro	Belgrade	1,322	1,483	1,673	1,673	1,673	1,680	1.15	1.20	-	-	0.04	30.74	29.37
Spain	Barcelona	2,913	2,819	2,729	2,729	2,729	2,729	-0.33	-0.33	-	-	-	8.81	8.62
Spain	Madrid	4,172	4,072	3,976	3,976	3,976	3,976	-0.24	-0.24	-	-	-	12.84	12.56
Sweden	Göteborg	729	753	778	803	808	808	0.32	0.32	0.32	0.06	-	10.56	11.12
Sweden	Stockholm	1,487	1,548	1,612	1,678	1,700	1,704	0.40	0.40	0.40	0.13	0.02	21.89	23.47
Switzerland	Zürich	834	926	939	945	947	947	1.05	1.14	0.06	0.02	0.01	19.43	19.55
Ukraine	Dnepropetrovsk	1,169	1,149	1,069	1,069	1,069	1,069	-0.18	-0.72	-	-	-	3.18	3.50
Ukraine	Donetsk	1,104	1,089	1,007	1,007	1,007	1,007	-0.13	-0.79	-	-	-	2.99	3.30
Ukraine	Kharkov	1,591	1,558	1,416	1,416	1,416	1,416	-0.21	-0.95	-	-	-	4.21	4.64
Ukraine	Kiev	2,582	2,626	2,499	2,499	2,499	2,499	0.17	-0.50	-	-	-	7.42	8.19
Ukraine	Lvov	789	801	764	764	764	764	0.15	-0.47	-	-	-	2.27	2.50
Ukraine	Odessa	1,089	1,050	931	931	931	931	-0.36	-1.20	-	-	-	2.77	3.05
Ukraine	Zaporozhye	880	879	813	813	813	813	-0.01	-0.79	-	-	-	2.41	2.66
United Kingdom	Birmingham	2,301	2,272	2,272	2,272	2,272	2,272	-0.13	-	-	-	-	4.27	4.13
United Kingdom	Leeds	1,449	1,433	1,433	1,433	1,433	1,433	-0.11	-	-	-	-	2.69	2.61
United Kingdom	Liverpool	831	876	915	939	949	951	0.53	0.43	0.26	0.10	0.02	1.72	1.73
United Kingdom	London	7,653	7,640	7,640	7,640	7,640	7,640	-0.02	-	-	-	-	14.37	13.90
United Kingdom	Manchester	2,282	2,252	2,252	2,252	2,252	2,252	-0.13	-	-	-	-	4.24	4.10
United Kingdom	Tyneside (Newcastle)	877	933	981	1,011	1,023	1,026	0.62	0.50	0.30	0.12	0.02	1.85	1.87

**LATIN AMERICA AND THE CARIBBEAN**

Argentina	Buenos Aires	11,180	11,620	12,024	12,439	12,844	13,185	0.39	0.34	0.34	0.32	0.26	36.81	33.59
Argentina	Córdoba	1,188	1,278	1,368	1,458	1,542	1,613	0.73	0.68	0.64	0.56	0.45	4.19	4.11
Argentina	Mendoza	758	842	934	1,025	1,104	1,165	1.06	1.03	0.93	0.75	0.54	2.86	2.97
Argentina	Rosario	1,105	1,189	1,279	1,370	1,453	1,523	0.73	0.73	0.68	0.59	0.46	3.92	3.88
Argentina	San Miguel de Tucumán	611	694	792	889	972	1,032	1.27	1.32	1.16	0.89	0.60	2.42	2.63
Bolivia	La Paz	1,062	1,267	1,460	1,662	1,879	2,098	1.77	1.42	1.30	1.23	1.10	28.11	26.76
Bolivia	Santa Cruz	616	833	1,062	1,286	1,492	1,676	3.02	2.42	1.91	1.49	1.16	20.45	21.37
Brazil	Belém	1,295	1,465	1,658	1,877	2,031	2,158	1.24	1.24	1.24	0.79	0.61	1.20	1.22
Brazil	Belo Horizonte	3,339	3,755	4,224	4,752	5,110	5,395	1.18	1.18	1.18	0.73	0.54	3.05	3.05
Brazil	Brasília	1,550	1,768	2,016	2,299	2,503	2,667	1.31	1.31	1.31	0.85	0.64	1.46	1.51
Brazil	Campinas	1,342	1,595	1,895	2,251	2,532	2,752	1.72	1.72	1.72	1.18	0.83	1.37	1.56
Brazil	Campo Grande	495	638	821	1,057	1,269	1,437	2.53	2.53	2.53	1.83	1.24	0.59	0.81
Brazil	Curitiba	1,934	2,226	2,562	2,949	3,233	3,457	1.41	1.41	1.41	0.92	0.67	1.85	1.96

TABLE C.1

continued

		Estimates and projections						Annual rate of growth					Share in country's urban population	
		(000)						(%)					(%)	
		1990	1995	2000	2005	2010	2015	1990–1995	1995–2000	2000–2005	2005–2010	2010–2015	2000	2015
Brazil	Fortaleza	2,218	2,608	3,066	3,605	4,018	4,338	1.62	1.62	1.62	1.09	0.76	2.22	2.46
Brazil	Goiania	898	1,001	1,117	1,245	1,333	1,409	1.09	1.09	1.09	0.68	0.55	0.81	0.80
Brazil	Maceio	600	729	886	1,076	1,234	1,359	1.95	1.95	1.95	1.36	0.97	0.64	0.77
Brazil	Manaus	962	1,188	1,467	1,811	2,101	2,328	2.11	2.11	2.11	1.49	1.02	1.06	1.32
Brazil	Natal	584	686	806	947	1,057	1,147	1.61	1.61	1.61	1.10	0.81	0.58	0.65
Brazil	Porto Alegre	2,949	3,328	3,757	4,240	4,573	4,838	1.21	1.21	1.21	0.76	0.56	2.72	2.74
Brazil	Recife	2,814	3,068	3,346	3,648	3,828	3,986	0.87	0.87	0.87	0.48	0.40	2.42	2.26
Brazil	Rio de Janeiro	9,689	10,159	10,652	11,170	11,342	11,543	0.47	0.47	0.47	0.15	0.18	7.70	6.54
Brazil	Salvador	2,409	2,793	3,238	3,754	4,138	4,436	1.48	1.48	1.48	0.97	0.70	2.34	2.51
Brazil	Santos	1,077	1,169	1,270	1,379	1,444	1,506	0.82	0.82	0.82	0.46	0.42	0.92	0.85
Brazil	Sao Jose dos Campos	633	784	972	1,205	1,403	1,560	2.15	2.15	2.15	1.52	1.06	0.70	0.88
Brazil	Sao Luis	665	803	968	1,167	1,330	1,459	1.87	1.87	1.87	1.30	0.93	0.70	0.83
Brazil	Sao Paulo	15,100	16,469	17,962	19,591	20,514	21,229	0.87	0.87	0.87	0.46	0.34	12.99	12.02
Brazil	Teresina	571	696	848	1,034	1,187	1,310	1.98	1.98	1.98	1.39	0.98	0.61	0.74
Chile	Santiago	4,572	5,029	5,467	5,867	6,216	6,495	0.95	0.84	0.71	0.58	0.44	41.90	40.71
Colombia	Barranquilla	1,244	1,396	1,683	1,918	2,134	2,323	1.15	1.87	1.31	1.06	0.85	5.33	5.42
Colombia	Bogota	4,970	5,716	6,771	7,596	8,334	8,970	1.40	1.69	1.15	0.93	0.74	21.45	20.95
Colombia	Bucaramanga	648	777	937	1,069	1,192	1,302	1.81	1.87	1.32	1.09	0.88	2.97	3.04
Colombia	Cali	1,591	1,819	2,233	2,583	2,896	3,158	1.34	2.06	1.46	1.14	0.87	7.08	7.38
Colombia	Cartagena	576	667	845	1,002	1,144	1,262	1.48	2.36	1.71	1.32	0.98	2.68	2.95
Colombia	Cucuta	520	637	772	883	987	1,080	2.03	1.91	1.35	1.11	0.90	2.44	2.52
Colombia	Medellin	2,147	2,403	2,866	3,237	3,575	3,872	1.13	1.76	1.22	0.99	0.80	9.08	9.04
Costa Rica	San Jose	767	858	961	1,080	1,211	1,343	1.13	1.13	1.17	1.15	1.03	40.47	38.57
Cuba	Havana	2,108	2,183	2,256	2,306	2,342	2,365	0.35	0.33	0.22	0.16	0.10	26.74	25.89
Dominican Republic	Santiago de los Caballeros	643	718	804	897	988	1,064	1.10	1.13	1.10	0.96	0.74	14.68	14.37
Dominican Republic	Santo Domingo	1,952	2,242	2,563	2,889	3,177	3,397	1.38	1.34	1.20	0.95	0.67	46.82	45.89
Ecuador	Guayaquil	1,491	1,843	2,118	2,359	2,592	2,819	2.12	1.39	1.08	0.94	0.84	26.58	25.50
Ecuador	Quito	1,088	1,376	1,616	1,832	2,037	2,228	2.35	1.61	1.26	1.06	0.90	20.28	20.16
El Salvador	San Salvador	970	1,140	1,341	1,533	1,707	1,877	1.62	1.62	1.34	1.08	0.95	35.42	32.12
Guatemala	Guatemala City	1,676	2,577	3,242	3,869	4,542	5,268	4.30	2.30	1.77	1.60	1.48	71.80	69.88
Haiti	Port-au-Prince	1,134	1,427	1,769	2,117	2,487	2,864	2.30	2.14	1.80	1.61	1.41	60.86	61.53
Honduras	Tegucigalpa	711	814	949	1,120	1,311	1,492	1.36	1.53	1.66	1.57	1.29	28.04	26.65
Mexico	Ciudad Juárez	809	997	1,239	1,462	1,646	1,781	2.10	2.17	1.66	1.18	0.79	1.68	1.92
Mexico	Culiacán	606	690	750	796	842	892	1.30	0.83	0.60	0.56	0.57	1.02	0.96
Mexico	Guadalajara	3,011	3,431	3,697	3,889	4,072	4,265	1.31	0.75	0.50	0.46	0.46	5.03	4.59
Mexico	León	961	1,127	1,293	1,432	1,551	1,654	1.60	1.38	1.29	0.80	0.64	1.76	1.78
Mexico	Mérida	664	765	849	915	977	1,038	1.42	1.04	0.76	0.65	0.60	1.15	1.12
Mexico	Mexicali	607	690	771	837	897	954	1.29	1.11	0.82	0.69	0.62	1.05	1.03
Mexico	Mexico City	15,311	16,791	18,066	18,934	19,694	20,434	0.92	0.73	0.47	0.39	0.37	24.57	22.01
Mexico	Monterrey	2,594	2,961	3,267	3,502	3,710	3,906	1.32	0.98	0.70	0.58	0.51	4.44	4.21
Mexico	Puebla	1,699	1,932	1,888	1,888	1,922	1,997	1.28	-0.23	-	0.18	0.38	2.57	2.15
Mexico	Querétaro	561	671	798	909	1,003	1,079	1.79	1.72	1.31	0.98	0.73	1.08	1.16
Mexico	San Luis Potosí	665	774	857	924	985	1,046	1.52	1.02	0.75	0.65	0.60	1.17	1.13
Mexico	Tijuana	761	1,017	1,297	1,564	1,781	1,937	2.91	2.43	1.87	1.30	0.84	1.76	2.09
Mexico	Toluca	835	981	1,455	1,979	2,423	2,707	1.61	3.94	3.07	2.02	1.11	1.98	2.92
Mexico	Torreón	882	954	1,012	1,053	1,099	1,157	0.78	0.59	0.40	0.43	0.51	1.38	1.25
Nicaragua	Managua	735	870	1,009	1,166	1,342	1,529	1.68	1.49	1.45	1.41	1.30	35.45	33.85
Panama	Panama City	848	998	1,173	1,299	1,424	1,543	1.62	1.62	1.02	0.92	0.80	73.04	72.44
Paraguay	Asunción	928	1,081	1,262	1,472	1,711	1,959	1.53	1.55	1.54	1.50	1.35	41.03	38.79
Peru	Lima	5,826	6,667	7,443	8,185	8,843	9,388	1.35	1.10	0.95	0.77	0.60	39.86	37.82
Puerto Rico	San Juan	1,226	1,305	1,388	1,466	1,532	1,584	0.62	0.62	0.55	0.44	0.33	47.12	45.13
Uruguay	Montevideo	1,274	1,299	1,324	1,352	1,383	1,411	0.19	0.19	0.21	0.22	0.20	43.16	40.74
Venezuela	Barquisimeto	743	828	923	1,005	1,085	1,164	1.09	1.09	0.85	0.76	0.71	4.39	4.19
Venezuela	Caracas	2,867	3,007	3,153	3,261	3,403	3,587	0.47	0.47	0.34	0.43	0.53	15.01	12.91
Venezuela	Ciudad Guayana	494	628	799	966	1,111	1,223	2.40	2.40	1.90	1.40	0.96	3.80	4.40
Venezuela	Maracaibo	1,351	1,603	1,901	2,172	2,408	2,604	1.71	1.71	1.33	1.03	0.78	9.05	9.37
Venezuela	Maracay	795	935	1,100	1,249	1,383	1,498	1.62	1.62	1.27	1.01	0.80	5.24	5.39
Venezuela	Valencia	1,129	1,462	1,893	2,320	2,682	2,948	2.58	2.58	2.03	1.45	0.95	9.01	10.61
<b>NORTHERN AMERICA</b>														
Canada	Calgary	738	809	953	1,070	1,164	1,228	0.92	1.63	1.16	0.84	0.54	3.94	4.36
Canada	Edmonton	831	859	944	1,004	1,056	1,101	0.33	0.95	0.61	0.51	0.41	3.90	3.90
Canada	Montréal	3,154	3,306	3,480	3,566	3,659	3,754	0.47	0.52	0.24	0.26	0.26	14.38	13.32
Canada	Ottawa	918	998	1,081	1,135	1,185	1,231	0.84	0.80	0.49	0.43	0.38	4.47	4.37
Canada	Toronto	3,807	4,197	4,752	5,157	5,471	5,679	0.98	1.24	0.82	0.59	0.37	19.63	20.14
Canada	Vancouver	1,559	1,789	2,049	2,247	2,404	2,513	1.38	1.36	0.92	0.68	0.44	8.46	8.92
United States	Atlanta	2,174	2,464	2,706	2,874	2,994	3,100	1.25	0.94	0.60	0.41	0.35	1.24	1.19
United States	Austin	568	671	759	821	864	903	1.68	1.23	0.78	0.51	0.44	0.35	0.35
United States	Baltimore	1,893	1,968	2,053	2,140	2,224	2,308	0.39	0.42	0.41	0.39	0.37	0.94	0.89
United States	Boston	2,778	2,842	2,934	3,039	3,149	3,260	0.23	0.32	0.35	0.35	0.35	1.34	1.25
United States	Buffalo-Niagara Falls	953	963	990	1,028	1,073	1,119	0.10	0.27	0.38	0.42	0.42	0.45	0.43
United States	Chicago	6,792	6,849	6,989	7,181	7,390	7,603	0.08	0.20	0.27	0.29	0.28	3.20	2.92
United States	Cincinnati	1,215	1,265	1,323	1,382	1,441	1,500	0.41	0.45	0.44	0.42	0.40	0.61	0.58
United States	Cleveland	1,676	1,692	1,735	1,796	1,867	1,940	0.10	0.25	0.35	0.38	0.38	0.79	0.75
United States	Columbus	948	1,007	1,067	1,121	1,172	1,222	0.61	0.57	0.50	0.44	0.42	0.49	0.47
United States	Dallas	3,220	3,612	3,937	4,163	4,323	4,465	1.15	0.86	0.56	0.38	0.32	1.80	1.72
United States	Denver	1,522	1,610	1,698	1,778	1,852	1,924	0.56	0.53	0.46	0.41	0.38	0.78	0.74
United States	Detroit	3,695	3,726	3,809	3,927	4,058	4,193	0.08	0.22	0.30	0.33	0.33	1.74	1.61

United States	Fort Lauderdale	1,245	1,364	1,471	1,555	1,624	1,689	0.92	0.75	0.56	0.43	0.39	0.67	0.65
United States	Houston	2,915	3,166	3,386	3,556	3,690	3,816	0.83	0.67	0.49	0.37	0.33	1.55	1.47
United States	Indianapolis	917	960	1,008	1,056	1,104	1,151	0.46	0.49	0.47	0.44	0.42	0.46	0.44
United States	Jacksonville	742	816	883	937	982	1,025	0.95	0.79	0.59	0.47	0.43	0.40	0.39
United States	Kansas City	1,280	1,373	1,460	1,536	1,602	1,667	0.70	0.62	0.50	0.42	0.39	0.67	0.64
United States	Las Vegas	706	863	995	1,083	1,139	1,188	2.02	1.42	0.84	0.51	0.42	0.46	0.46
United States	Los Angeles	11,456	12,418	13,213	13,766	14,154	14,494	0.81	0.62	0.41	0.28	0.24	6.04	5.57
United States	Louisville	755	763	785	816	853	891	0.11	0.28	0.40	0.44	0.44	0.36	0.34
United States	Memphis	827	857	894	935	977	1,020	0.36	0.43	0.45	0.44	0.43	0.41	0.39
United States	Miami-Hialeah	1,923	2,081	2,224	2,339	2,434	2,524	0.79	0.66	0.50	0.40	0.36	1.02	0.97
United States	Milwaukee	1,227	1,247	1,285	1,335	1,391	1,448	0.16	0.30	0.38	0.41	0.40	0.59	0.56
United States	Minneapolis	2,088	2,238	2,378	2,494	2,593	2,688	0.70	0.60	0.48	0.39	0.36	1.09	1.03
United States	New Orleans	1,039	1,050	1,079	1,120	1,168	1,217	0.10	0.27	0.38	0.42	0.42	0.49	0.47
United States	New York	16,056	16,343	16,732	17,147	17,551	17,944	0.18	0.24	0.25	0.23	0.22	7.65	6.90
United States	Norfolk	1,341	1,681	1,963	2,140	2,245	2,329	2.26	1.55	0.86	0.48	0.37	0.90	0.90
United States	Oklahoma City	787	845	901	951	995	1,039	0.71	0.64	0.53	0.46	0.43	0.41	0.40
United States	Orlando	897	1,076	1,226	1,326	1,392	1,449	1.82	1.30	0.78	0.49	0.40	0.56	0.56
United States	Philadelphia	4,225	4,305	4,427	4,571	4,721	4,873	0.19	0.28	0.32	0.32	0.32	2.02	1.87
United States	Phoenix	2,024	2,353	2,623	2,804	2,925	3,029	1.51	1.09	0.67	0.42	0.35	1.20	1.16
United States	Pittsburgh	1,676	1,692	1,735	1,796	1,867	1,939	0.10	0.25	0.35	0.38	0.38	0.79	0.75
United States	Portland	1,176	1,253	1,328	1,395	1,456	1,516	0.63	0.58	0.49	0.43	0.40	0.61	0.58
United States	Providence	848	878	916	957	1,000	1,044	0.35	0.42	0.45	0.44	0.43	0.42	0.40
United States	Riverside	1,185	1,466	1,699	1,848	1,938	2,013	2.13	1.47	0.84	0.48	0.38	0.78	0.77
United States	Sacramento	1,106	1,270	1,408	1,506	1,576	1,640	1.38	1.03	0.67	0.46	0.40	0.64	0.63
United States	Salt Lake City	793	853	911	962	1,007	1,051	0.74	0.66	0.54	0.46	0.43	0.42	0.40
United States	San Antonio	1,134	1,230	1,318	1,391	1,453	1,513	0.81	0.69	0.54	0.44	0.40	0.60	0.58
United States	San Diego	2,367	2,716	3,002	3,197	3,329	3,445	1.37	1.00	0.63	0.41	0.34	1.37	1.32
United States	San Francisco	3,641	3,866	4,077	4,253	4,404	4,548	0.60	0.53	0.42	0.35	0.32	1.86	1.75
United States	San Jose	1,440	1,540	1,635	1,717	1,790	1,860	0.67	0.60	0.49	0.41	0.39	0.75	0.71
United States	Seattle	1,754	1,938	2,097	2,217	2,311	2,397	1.00	0.79	0.56	0.41	0.37	0.96	0.92
United States	St. Louis	1,949	2,008	2,084	2,166	2,250	2,335	0.30	0.37	0.39	0.38	0.37	0.95	0.90
United States	Tampa	1,719	1,904	2,064	2,184	2,276	2,362	1.02	0.81	0.56	0.41	0.37	0.94	0.91
United States	Washington, DC	3,380	3,687	3,952	4,151	4,305	4,446	0.87	0.69	0.49	0.36	0.32	1.81	1.71
United States	West Palm Beach	805	989	1,143	1,244	1,309	1,363	2.07	1.45	0.85	0.50	0.41	0.52	0.52
<b>OCEANIA</b>														
Australia	Adelaide	1,019	1,041	1,064	1,094	1,133	1,173	0.21	0.22	0.29	0.35	0.35	6.13	5.65
Australia	Brisbane	1,303	1,453	1,622	1,790	1,930	2,027	1.09	1.10	0.99	0.75	0.49	9.34	9.75
Australia	Melbourne	3,003	3,112	3,232	3,363	3,494	3,605	0.36	0.38	0.40	0.38	0.32	18.61	17.35
Australia	Perth	1,123	1,221	1,329	1,438	1,533	1,605	0.84	0.85	0.79	0.64	0.45	7.66	7.72
Australia	Sydney	3,524	3,696	3,907	4,124	4,319	4,467	0.48	0.56	0.54	0.46	0.34	22.51	21.50
New Zealand	Auckland	870	976	1,102	1,244	1,340	1,403	1.15	1.22	1.22	0.74	0.46	33.98	38.74

Notes: 1 For statistical purposes, the data for China do not include Hong Kong and Macao Special Administrative Regions (SAR) of China. 2 As of 1 July 1997, Hong Kong became a SAR of China. 3 The Rhein-Main agglomeration includes Darmstadt, Frankfurt am Main, Offenbach and Wiesbaden. 4 The Rhein-Neckar agglomeration includes Ludwigshafen am Rhein, Heidelberg, Mannheim, Frankenthal (Pfalz), Neustadt an der Weinstrasse and Speyer. 5 The Rhein-Ruhr Middle agglomeration includes Düsseldorf, Mönchengladbach, Remscheid, Solingen and Wuppertal. 6 The Rhein-Ruhr North agglomeration includes Duisburg, Essen, Krefeld, Mülheim an der Ruhr, Oberhausen, Bottrop, Gelsenkirchen, Bochum, Dortmund, Hagen, Hamm and Herne. 7 The Rhein-Ruhr South agglomeration includes Bonn, Cologne and Leverkusen. 8 The Saarland agglomeration includes Neunkirchen, Saarbrücken and Saarlouis.

Source: United Nations, *World Urbanization Prospects, 2001 Revision*.

## TABLE C.2

### Household Living Conditions, Selected Cities

	Year	Total number*	Distribution by size of housing units								Persons per room in housing unit								
			1	2	3	4	5	6	7	8+	Average	1	2	3	4	5	6	7	8+
<b>AFRICA</b>																			
Egypt <sup>1</sup>	Alexandria	1996	3,321,844	5.7	12.4	38.5	31.4	12.0	...	...	...	1.3	3.5	2.0	1.4	1.1	0.9	...	...
Egypt <sup>1</sup>	Cairo	1996	6,735,172	7.0	11.5	37.3	33.4	10.8	...	...	...	1.2	3.5	2.0	1.4	1.0	0.8	...	...
Egypt <sup>1</sup>	Giza	1996	2,203,688	4.7	9.0	39.5	37.1	9.7	...	...	...	1.2	3.6	2.1	1.4	1.0	0.8	...	...
Egypt <sup>1</sup>	Shubra El-Kheima	1996	869,853	5.6	10.1	44.8	35.0	4.5	...	...	...	1.4	3.7	2.2	1.5	1.1	1.0	...	...
<b>ASIA</b>																			
Azerbaijan	Baku	1998	1,721,372	9.5	36.5	41.2	12.8	...	...	...	1.6	2.1	1.6	1.5	1.5	...	...	...	...
Azerbaijan	Giandja	1998	279,043	18.9	35.4	30.5	15.2	...	...	...	2.1	3.0	2.1	1.9	1.8	...	...	...	...
Azerbaijan <sup>2</sup>	Mingecheviz	1998	86,294	6.5	30.2	37.2	26.1	...	...	...	1.7	2.1	1.7	1.6	1.9	...	...	...	...
Azerbaijan	Sumgait	1998	320,731	15.1	39.1	40.8	5.0	...	...	...	2.0	2.7	2.1	1.7	1.6	...	...	...	...
Cyprus <sup>3</sup>	Larnaka	1992	59,832	0.2	1.6	3.2	17.1	30.8	31.5	10.4	4.9	0.6	1.3	0.7	0.6	0.7	0.7	0.6	0.5
Cyprus <sup>3</sup>	Limassol	1992	135,469	0.2	1.4	5.2	14.5	29.9	36.6	7.9	4.2	0.6	1.3	0.8	0.7	0.7	0.6	0.5	0.5
Cyprus <sup>3</sup>	Nicosia	1992	175,310	0.1	1.2	3.1	11.9	25.9	34.5	16.3	6.9	0.6	1.2	0.7	0.6	0.6	0.6	0.5	0.5
Cyprus <sup>3</sup>	Patos	1992	32,251	0.4	2.4	5.5	14.2	26.6	35.0	11.1	4.7	0.7	1.3	0.8	0.7	0.7	0.6	0.5	0.5
Pakistan <sup>4</sup>	Islamabad	1998	524,359	11.7	28.6	25.4	13.9	7.5	12.7	...	2.0	4.4	3.0	2.1	1.7	1.3	1.2	...	...
Syrian Arab Republic <sup>3</sup>	Aleppo	1994	2,959,053	5.5	25.1	32.7	20.5	9.2	4.2	1.3	1.3	2.1	4.6	3.0	2.2	1.7	1.4	1.2	1.1
Syrian Arab Republic <sup>3</sup>	Damascus	1994	1,384,017	3.8	16.4	27.2	24.2	14.5	6.8	2.4	3.9	1.7	4.0	2.5	1.9	1.5	1.3	1.2	1.2
Syrian Arab Republic <sup>3</sup>	Homs	1994	1,205,785	3.3	18.7	29.5	26.1	13.1	5.1	1.5	2.3	2.0	4.4	2.9	2.2	1.8	1.5	1.4	1.5
Syrian Arab Republic <sup>3</sup>	Lattakia	1994	741,372	4.9	18.4	31.4	26.4	11.7	4.0	1.2	1.7	1.7	3.9	2.5	1.9	1.5	1.3	1.2	1.1
Turkey <sup>2</sup>	Adana	1994	1,018,248	1.4	12.3	54.0	28.4	3.2	0.2	...	0.2	1.4	3.5	2.2	1.5	1.1	1.0	0.8	...
Turkey <sup>2</sup>	Ankara	1994	2,669,550	0.4	7.2	35.2	53.0	2.2	0.2	...	1.8	1.2	5.5	1.8	1.4	1.1	0.9	0.8	...
Turkey <sup>2</sup>	Istanbul	1994	7,362,804	0.6	9.1	45.7	37.1	4.3	1.9	...	1.0	1.2	4.0	2.0	1.3	1.1	1.0	1.1	...
Turkey <sup>2</sup>	Izmir	1994	1,902,831	0.7	11.2	41.6	39.7	2.2	0.7	...	1.3	1.1	3.6	1.9	1.3	0.9	0.8	0.8	...
<b>EUROPE</b>																			
Finland <sup>5</sup>	Espoo	1998	201,335	5.3	19.2	28.4	26.8	13.5	4.1	1.8	...	0.8	1.2	0.8	0.9	0.8	0.7	0.6	0.5
Finland <sup>5</sup>	Helsinki	1998	523,443	14.5	30.2	27.6	17.9	6.7	1.8	0.7	...	0.8	1.2	0.8	0.8	0.7	0.6	0.5	0.4
Finland <sup>5</sup>	Tampere	1998	185,796	10.9	29.5	27.9	20.2	7.6	2.2	0.8	...	0.8	1.2	0.8	0.8	0.7	0.6	0.6	0.5
Finland <sup>5</sup>	Turku	1998	165,042	12.3	29.4	25.8	18.3	6.5	1.9	0.9	...	0.8	1.2	0.8	0.7	0.7	0.6	0.5	0.4
Netherlands	Amsterdam	1998	706,100	4.0	16.2	35.0	29.7	9.3	3.6	1.2	0.9	0.6	1.0	0.6	0.5	0.6	0.6	0.5	0.3
Netherlands	Rotterdam	1998	555,600	1.8	9.4	31.7	32.9	16.7	4.5	1.8	1.3	0.6	1.1	0.6	0.5	0.6	0.6	0.5	0.3



TABLE C.2

continued

		Year	Total number <sup>a</sup>	Distribution by size of housings units								Persons per room in housing unit							
				1	2	3	4	5	6	7	8+	Average	1	2	3	4	5	6	7
Netherlands	The Hague	1998	437,200	1.9	10.7	26.5	33.8	15.1	5.8	2.6	3.5	0.6	1.0	0.6	0.6	0.6	0.5	0.4	0.4
Netherlands	Utrecht	1998	218,700	6.1	9.0	22.6	33.7	19.8	5.6	2.0	1.1	0.5	1.1	0.6	0.5	0.6	0.5	0.4	0.3
Poland <sup>6</sup>	Krakow	1995	719,520	...	18.1	32.6	36.2	13.1	...	...	...	0.9	...	1.1	1.0	0.9	0.8	...	...
Poland <sup>6</sup>	Lodz	1995	811,652	...	24.9	42.6	24.2	8.3	...	...	...	0.8	...	1.0	0.8	0.8	0.8	...	...
Poland <sup>6</sup>	Warsaw	1995	1,635,557	...	19.1	33.7	35.5	11.7	...	...	...	0.9	...	1.0	0.9	0.8	0.8	...	...
Poland <sup>6</sup>	Wroclaw	1995	618,469	...	16.4	28.7	31.4	23.5	...	...	...	0.9	...	1.1	0.9	0.8	0.8	...	...
United Kingdom <sup>2</sup>	London	1996	7,050,000	0.6	2.5	9.5	20.1	26.3	20.6	9.3	11.0	0.5	1.1	0.6	0.5	0.5	0.5	0.5	0.4
<b>LATIN AMERICA AND THE CARIBBEAN</b>																			
Brazil <sup>2</sup>	Belo Horizonte	1998	3,978,856	0.6	2.6	7.2	14.0	19.2	17.2	14.3	24.9	0.7	2.3	1.5	1.1	0.9	0.8	0.7	0.6
Brazil <sup>2</sup>	Brasilia	1998	1,927,737	1.4	4.5	6.7	12.4	20.5	17.8	12.5	24.3	0.7	2.2	1.5	1.1	0.8	0.8	0.7	0.6
Brazil <sup>2</sup>	Rio de Janeiro	1998	10,382,082	0.7	2.0	6.7	18.5	36.2	17.5	7.9	10.4	0.6	2.3	1.2	1.0	0.7	0.7	0.6	0.5
Brazil <sup>2</sup>	São Paulo	1998	17,119,420	0.6	4.3	14.5	18.9	24.4	14.3	7.8	15.1	0.7	2.8	1.6	1.1	0.9	0.8	0.6	0.5
Colombia <sup>7</sup>	Barranquilla	1993	988,657	7.6	14.7	18.8	22.0	18.0	19.0	...	...	1.3	3.6	2.2	1.6	1.3	1.1	1.0	...
Colombia <sup>7</sup>	Bogotá	1993	4,934,591	13.6	20.8	17.2	20.2	12.8	15.3	...	...	1.2	3.0	1.9	1.3	1.0	0.9	0.8	...
Colombia <sup>7</sup>	Cali	1993	1,666,378	11.3	15.4	16.7	21.3	17.3	17.9	...	...	1.2	3.0	1.9	1.4	1.1	0.9	0.8	...
Colombia <sup>7</sup>	Medellin	1993	1,621,489	6.9	13.1	16.7	20.2	18.4	24.7	...	...	1.1	3.2	1.9	1.3	1.0	0.9	0.8	...
Nicaragua	Jinotepe	1995	25,034	10.3	28.2	26.1	16.6	9.4	5.1	2.3	2.0	1.8	4.8	2.6	2.0	1.5	1.3	1.1	0.8
Nicaragua	Leon	1995	123,687	26.1	30.1	22.4	12.0	5.2	2.4	0.9	1.0	2.3	5.0	2.7	2.0	1.6	1.4	1.1	0.9
Nicaragua	Managua	1995	862,240	25.5	28.2	23.2	13.4	5.8	2.4	0.8	0.6	2.2	4.6	2.6	1.9	1.5	1.3	1.1	1.0
Nicaragua	Matagalpa	1995	59,349	17.6	28.8	25.2	15.6	6.7	3.1	1.6	1.4	2.0	4.8	2.6	1.9	1.6	1.3	1.1	1.0
Saint Lucia <sup>8</sup>	Castries	1999	13,179	6.9	23.7	25.0	22.3	13.0	5.5	3.7	...	...	...	...	...	...	...	...	...
Saint Lucia <sup>8</sup>	Gros Islet	1999	3,656	4.5	22.0	24.7	24.4	14.4	5.6	4.5	...	...	...	...	...	...	...	...	...
Saint Lucia <sup>8</sup>	Soufriere	1999	1,905	6.6	20.5	20.2	24.7	19.0	6.1	2.9	...	...	...	...	...	...	...	...	...
Saint Lucia <sup>8</sup>	Vieux-Fort	1999	3,097	7.2	21.1	26.6	24.6	12.1	5.0	3.4	...	...	...	...	...	...	...	...	...
Uruguay	Montevideo	1996	1,282,277	7.3	17.6	32.7	23.0	10.7	4.5	1.9	2.2	1.0	2.7	1.4	1.0	0.9	0.8	0.7	0.6
Uruguay	Paysandu	1996	73,737	9.3	15.6	30.1	24.7	12.8	4.5	1.6	1.4	1.1	3.1	1.6	1.2	0.9	0.8	0.7	0.6
Uruguay	Rivera	1996	62,391	7.7	15.7	30.9	25.7	12.0	4.8	1.8	1.4	1.0	2.8	1.5	1.1	0.9	0.8	0.7	0.6
Uruguay	Salto	1996	92,030	8.0	14.2	30.9	27.6	11.8	4.1	1.9	1.5	1.2	3.5	1.9	1.2	1.0	0.9	0.7	0.6
<b>NORTHERN AMERICA</b>																			
Canada	Calgary	1996	813,925	0.4	1.2	4.2	8.2	13.7	14.8	15.1	42.5	0.4	1.2	0.7	0.5	0.5	0.5	0.4	0.4
Canada	Montreal	1996	3,272,810	0.6	1.5	5.3	14.6	22.6	18.6	13.5	23.3	0.5	1.1	0.6	0.5	0.5	0.5	0.4	0.4
Canada	Ottawa	1996	994,110	0.5	1.4	5.3	9.6	13.8	16.8	16.9	35.7	0.4	1.2	0.7	0.5	0.5	0.5	0.4	0.4
Canada	Toronto	1996	4,218,470	1.0	2.7	7.7	11.2	13.1	14.8	13.9	35.6	0.5	1.3	0.9	0.6	0.6	0.5	0.5	0.5

Notes: \* Data for Total number refer to the number of persons resident in housing units. 1 Data for the category 5 rooms refer to housing units with 5+ rooms. 2 Data as reported; the total differs from the sum of categories. 3 The total differs from the sum of categories and that difference refers to the category not stated. 4 Data for total occupied housing units and total number of occupants are provisional and are estimated based on advanced sample tabulation of census data. Data for the category 6 rooms refer to housing units with 6+ rooms. 5 Data as reported; the total differs from the sum of categories. Data for the category 7 rooms refer to housing units with 7+ rooms. 6 Data for the category 2 rooms also include housing units with 1 room. Data for the category 5 rooms refer to housing units with 5+ rooms. 7 Data for the category 6 rooms refer to housing units with 6+ rooms. 8 Estimated data. Data for the category 7 rooms refer to housing units with 7+ rooms.

Source: UNSD and UNCHS (Habitat), *Compendium of Human Settlements Statistics 2001*.

TABLE C.3

## Housing Indicators, Selected Cities

		Housing price* to income (ratio)	Rent** to income (ratio)	Access to water*** (%)	In-house connections <sup>†</sup> (%)				Housing rights					
					A	B	C	D	Legal provisions <sup>††</sup>		Impediments to women <sup>†††</sup>			
									A	B	A	B	C	
<b>AFRICA</b>														
Algeria	Algiers	..	..	..	..	..	..	..	..	Yes	Yes	x	x	x
Benin	Cotonou	..	..	70.0	45.0	13.0	50.0	18.6	..	Yes	No	o	o	x
Benin	Parakou	2.9	36.3	90.0	20.0	3.4	45.3	..	..	Yes	No	o	o	x
Benin	Porto-Novo	2.9	..	85.0	35.0	..	60.0	6.4	..	Yes	No	o	o	x
Botswana	Gaborone	..	..	100.0	..	..	..	..	..	No	No	o	o	o
Burkina Faso	Bobo-Dioulasso	..	..	72.0	24.0	..	29.3	5.7	..	Yes	Yes	..	..	..
Burkina Faso	Koudougou	..	..	79.0	30.0	..	25.8	7.4	..	Yes	Yes	..	..	..
Burkina Faso	Ouagadougou	..	..	77.0	30.0	..	47.1	10.7	..	Yes	Yes	..	..	..
Burundi	Bujumbura	7.5	..	95.0	25.8	61.7	56.7	18.9	..	Yes	Yes	o	+	o
Cameroon	Douala	13.4	..	84.4	34.2	1.2	94.9	9.4	..	Yes	Yes	o	+	o
Cameroon	Yaounde	..	..	84.4	34.2	1.2	94.9	9.4	..	Yes	Yes	o	+	o
Central African Republic	Bangui	..	..	30.0	30.6	..	17.8	11.1	..	Yes	No	o	o	+
Chad	N'Djamena	..	21.0	22.0	42.0	..	13.3	6.0	..	Yes	Yes	o	x	+
Congo	Brazzaville	..	..	96.6	55.5	0.1	52.3	18.4	..	Yes	No	+	+	o
Congo	Pointe-Noire	..	..	74.3	66.5	3.1	43.6	12.0	..	Yes	No	o	o	+
Côte d'Ivoire	Abidjan	18.0	9.9	92.1	26.3	14.6	40.7	5.0	..	Yes	Yes	x	x	o
Côte d'Ivoire	Yamoussoukro	..	..	79.0	7.9	5.7	10.5	6.6	..	Yes	Yes	+	+	x
Dem. Rep. of Congo	Kinshasa	..	..	72.3	72.3	..	66.2	1.2	..	Yes	Yes	x	o	o
Egypt	Ismailia	5.4	21.0	99.6	99.6	95.5	99.8	80.0	..	Yes	Yes	x	x	x
Egypt	Tanta	23.1	25.3	..	..	..	..	..	..	Yes	Yes	x	x	x
Ethiopia	Addis Ababa	..	..	..	32.3	0.0	49.4	15.7	..	Yes	Yes	x	x	x
Gabon	Libreville	..	..	60.0	55.0	..	95.0	45.0	..	Yes	Yes	o	o	o
Gabon	Port-Gentil	..	..	..	48.0	..	..	..	..	Yes	No	+	+	+
Gambia	Banjul	11.4	12.4	79.0	22.5	12.4	24.0	..	..	Yes	No	x	x	x
Ghana	Accra	14.0	21.1	..	..	..	..	..	..	Yes	No	x	x	x
Ghana	Kumasi	11.6	20.8	65.0	65.0	..	95.0	51.0	..	Yes	No	x	x	x



Guinea	Conakry	..	..	79.5	29.7	32.3	53.8	5.6	Yes	Yes	x	o	x
Kenya	Kisumu	8.5	..	93.3	38.0	31.0	49.0	..	Yes	Yes	o	o	x
Kenya	Mombasa	..	..	100.0	..	..	..	..	Yes	Yes	o	o	x
Kenya	Nairobi	..	..	..	..	..	..	..	Yes	Yes	o	o	x
Lesotho	Maseru	..	..	70.0	41.0	10.0	13.0	10.0	Yes	No	+	x	o
Liberia	Monrovia	28.0	..	46.0	..	..	..	..	Yes	Yes	x	x	x
Libyan Arab Jamahiriya	Tripoli	0.8	..	97.0	97.0	89.9	99.0	6.3	Yes	Yes	x	x	x
Madagascar	Antananarivo	13.9	30.0	89.0	38.5	27.5	73.0	14.5	Yes	Yes	x	x	x
Malawi	Lilongwe	..	..	60.0	65.0	12.0	50.0	10.0	Yes	Yes	x	o	..
Mali	Bamako	..	..	82.3	38.4	1.5	61.2	3.0	Yes	Yes	o	o	x
Mauritania	Nouakchott	5.4	..	16.0	..	..	..	..	Yes	No	x	x	x
Morocco	Casablanca	..	..	95.0	83.0	93.0	91.0	..	Yes	Yes	o	o	o
Morocco	Rabat	..	..	95.9	92.8	97.2	52.0	..	Yes	Yes	o	o	o
Mozambique	Maputo	20.0	..	49.6	21.8	25.6	37.8	13.6	Yes	Yes	+	x	x
Namibia	Windhoek	..	..	97.0	97.0	90.0	..	..	Yes	Yes	o	o	x
Niger	Maradi	..	..	..	14.6	..	14.1	..	Yes	Yes	o	x	+
Niger	Niamey	..	..	..	33.2	..	51.0	3.7	Yes	Yes	o	x	+
Nigeria	Ibadan	..	..	25.7	25.7	12.1	41.4	..	..	..	x	x	x
Nigeria	Lagos	..	..	25.7	..	..	41.4	..	..	..	x	x	x
Rwanda	Kigali	11.4	..	79.0	36.0	20.0	57.0	6.0	Yes	Yes	x	+	x
Senegal	Bignona	2.5	5.8	38.9	17.6	..	25.3	8.0	Yes	No	o	x	o
Senegal	Dakar	3.5	14.6	91.4	77.0	43.1	89.3	40.8	Yes	Yes	x	x	x
Senegal	Thies	2.9	17.3	64.1	57.2	1.2	74.2	12.8	Yes	No	o	x	o
South Africa	Durban	..	..	..	..	..	..	..	Yes	Yes	..	..	..
South Africa	East Rand	..	..	20.0	40.0	43.0	38.0	..	Yes	Yes	o	o	..
South Africa	Port Elizabeth	10.6	..	100.0	74.0	73.0	..	..	Yes	Yes	..	..	..
Togo	Lome	..	8.3	80.0	..	70.0	51.0	18.0	Yes	Yes	x	x	x
Togo	Sokode	1.4	7.1	70.0	6.0	45.0	31.0	10.0	Yes	Yes	x	x	x
Tunisia	Tunis	5.0	20.3	97.4	75.2	47.2	94.6	26.8	Yes	Yes	x	+	o
Uganda	Entebbe	10.4	..	56.0	48.0	13.0	42.0	..	Yes	Yes	o	+	x
Uganda	Jinja	15.4	6.0	78.0	65.0	43.0	55.0	5.0	Yes	Yes	o	+	o
Zimbabwe	Bulawayo	..	..	100.0	100.0	100.0	98.0	..	Yes	Yes	x	x	x
Zimbabwe	Chegutu	3.4	..	..	100.0	68.0	9.0	3.0	Yes	No	x	x	x
Zimbabwe	Gweru	..	..	100.0	100.0	100.0	90.0	60.9	Yes	No	x	o	x
Zimbabwe	Harare	..	..	100.0	100.0	100.0	88.0	42.0	Yes	Yes	o	o	x
Zimbabwe	Mutare	..	..	100.0	88.0	88.0	74.0	4.0	Yes	No	x	x	x
<b>ASIA</b>													
Armenia	Yerevan	4.0	6.6	97.9	97.9	98.0	100.0	88.1	No	No	..	..	..
Bangladesh	Chittagong	8.1	9.2	100.0	44.0	..	95.0	..	Yes	Yes	x	x	x
Bangladesh	Dhaka	16.7	..	99.1	60.0	22.0	90.0	7.0	Yes	Yes	x	x	x
Bangladesh	Sylhet	6.0	..	100.0	28.8	..	93.0	39.6	Yes	Yes	x	x	x
Bangladesh	Tangail	13.9	4.6	100.0	11.6	..	90.0	11.5	Yes	Yes	x	x	x
Cambodia	Phnom Penh	8.9	..	85.4	44.7	74.9	75.5	40.0	Yes	No	o	o	o
Georgia	Tbilisi	9.4	..	91.9	..	98.0	100.0	57.9	..	..	x	x	..
India	Alwar	..	..	..	..	..	..	..	Yes	Yes	..	..	..
India	Bangalore	13.8	..	82.9	22.5	20.8	98.3	44.5	Yes	Yes	x	x	x
India	Chennai	7.7	14.6	94.0	51.3	55.5	..	60.4	Yes	Yes	x	x	x
India	Delhi	..	..	78.6	58.5	55.0	82.2	0.0	Yes	Yes	+	+	+
India	Mysore	4.7	26.1	92.5	44.4	68.0	82.8	33.6	Yes	Yes	x	x	x
Indonesia	Bandung	7.6	..	90.0	..	55.0	99.0	..	Yes	Yes	x	x	x
Indonesia	Jakarta	14.6	..	91.4	50.3	64.8	99.0	..	Yes	Yes	x	x	x
Indonesia	Semarang	..	..	89.7	34.0	..	85.2	..	Yes	Yes	x	x	x
Indonesia	Surabaya	3.4	19.0	94.3	40.9	55.8	89.2	70.8	Yes	Yes	x	x	x
Iraq	Baghdad	..	..	..	..	..	..	..	No	No	x	x	x
Japan	Tokyo	5.6	2.5	100.0	100.0	100.0	100.0	99.2	Yes	Yes	x	x	x
Jordan	Amman	6.1	16.7	98.0	97.7	81.3	98.5	62.0	Yes	Yes	x	x	x
Kazakhstan	Astana	8.6	9.9	94.3	84.1	83.9	100.0	58.3	Yes	No	x	x	..
Kuwait	Kuwait	6.5	27.8	100.0	100.0	98.0	100.0	98.0	Yes	Yes	x	x	x
Kyrgyzstan	Bishkek	..	..	75.0	29.7	23.3	99.9	19.8	Yes	Yes	x	x	x
Lao PDR	Vientiane	23.2	10.0	95.0	87.0	..	100.0	86.8	Yes	Yes	x	x	x
Lebanon	Sin El Fil	8.3	28.6	80.0	80.0	30.0	98.0	80.0	Yes	Yes	x	x	x
Malaysia	Penang	7.2	4.9	99.9	99.1	..	100.0	98.0	Yes	Yes	x	x	x
Mongolia	Ulaanbaatar	7.8	..	90.3	60.0	60.0	100.0	90.0	Yes	Yes	x	x	x
Myanmar	Yangon	8.3	15.4	95.0	77.8	81.2	85.0	17.3	No	No	x	x	x
Nepal	Butwal	10.3	..	80.0	33.7	..	80.0	10.0	Yes	No	x	x	x
Nepal	Pokhara	21.6	34.0	80.0	41.4	..	75.0	11.3	Yes	No	x	x	x
Occupied Palestine Territory	Gaza	5.4	..	..	85.4	37.9	99.0	37.7	Yes	Yes	+	+	o
Oman	Muscat	..	..	80.0	80.0	90.0	89.0	53.0	Yes	Yes	x	x	x
Pakistan	Karachi	13.7	..	89.5	82.4	85.0	98.4	..	No	No	+	+	+
Pakistan	Lahore	7.1	23.3	100.0	96.4	78.0	97.1	70.0	No	No	+	+	+
Philippines	Cebu	13.3	..	98.2	41.4	92.3	80.0	25.0	Yes	Yes	x	x	x
Qatar	Doha	..	..	..	..	..	..	..	No	No	x	x	x
Republic of Korea	Hanam	3.7	13.9	81.1	81.1	67.9	100.0	100.0	Yes	Yes	o	o	o
Republic of Korea	Pusan	4.0	..	99.9	97.9	69.4	100.0	100.0	Yes	Yes	o	o	o
Republic of Korea	Seoul	5.7	..	99.9	99.9	98.6	100.0	..	Yes	Yes	o	o	o
Singapore	Singapore	3.1	2.0	100.0	100.0	100.0	100.0	100.0	Yes	No	x	x	x
Sri Lanka	Colombo	..	..	..	22.9	76.0	96.0	26.0	Yes	Yes	o	x	x
Syrian Arab Republic	Damascus	10.3	..	98.4	98.4	71.0	95.0	9.9	Yes	Yes	x	x	x
Thailand	Bangkok	8.8	22.2	..	99.0	100.0	99.8	59.7	Yes	No	x	x	x
Thailand	Chiang Mai	6.8	25.0	99.0	95.0	60.0	100.0	75.0	Yes	No	o	o	o
Turkey	Ankara	4.5	24.0	97.0	97.0	98.5	100.0	..	Yes	Yes	x	x	x
Viet Nam	Hanoi	..	..	100.0	70.0	50.0	100.0	60.0	Yes	Yes	x	x	x
Viet Nam	Ho Chi Minh	..	..	90.0	59.0	30.0	99.7	21.2	Yes	Yes	x	x	x
Yemen	Sana'a	..	..	30.4	30.4	9.4	96.0	..	Yes	Yes	x	x	x
<b>EUROPE</b>													
Albania	Tirana	..	..	62.6	62.6	..	99.5	12.6	Yes	Yes	x	x	x
Belarus	Minsk	..	..	..	99.3	98.4	100.0	87.2	Yes	Yes	x	x	x

TABLE C.3

continued

		Housing price* to income (ratio)	Rent** to income (ratio)	Access to water*** (%)	In-house connections† (%)				Legal provisions††		Impediments to women†††		
					A	B	C	D	A	B	None (x) Some (o) Considerable (+)		
											A	B	C
Bosnia and Herzegovina	Sarajevo	..	..	95.0	95.0	90.0	100.0	..	No	No	x	x	x
Bulgaria	Burgas	5.1	3.9	100.0	100.0	93.0	100.0	144.4	Yes	Yes	x	x	x
Bulgaria	Sofia	13.2	..	100.0	95.4	90.5	100.0	89.0	Yes	Yes	x	x	x
Bulgaria	Troyan	3.7	2.0	100.0	99.0	82.0	100.0	44.8	Yes	Yes	x	x	x
Bulgaria	Veliko Tarnovo	5.4	3.3	100.0	98.4	97.6	100.0	96.0	Yes	Yes	x	x	x
Croatia	Zagreb	7.8	..	98.0	97.5	96.9	99.7	94.0	Yes	Yes	o	o	o
Czech Republic	Brno	..	..	99.5	99.5	95.6	100.0	68.5	Yes	Yes	x	x	x
Czech Republic	Prague	..	..	100.0	98.9	99.7	100.0	99.5	Yes	Yes	x	x	x
Estonia	Riik	..	..	91.6	91.6	90.2	98.0	55.0	Yes	Yes	x	x	x
Estonia	Tallin	6.4	7.0	98.0	98.1	98.1	100.0	85.5	Yes	Yes	x	x	x
Germany	Berlin	..	..	100.0	99.9	..	..	..	..	..	..	..	..
Germany	Cologne	4.3	..	100.0	100.0	..	..	..	..	..	..	..	..
Germany	Duisburg	3.2	..	100.0	100.0	..	..	..	..	..	..	..	..
Germany	Erfurt	2.6	..	100.0	100.0	..	..	..	..	..	..	..	..
Germany	Freiburg	..	..	100.0	100.0	..	..	..	..	..	..	..	..
Germany	Leipzig	3.2	..	100.0	100.0	..	..	..	..	..	..	..	..
Germany	Wiesbaden	..	..	100.0	100.0	..	..	..	..	..	..	..	..
Hungary	Budapest	3.6	11.8	100.0	98.3	90.7	100.0	84.0	Yes	No	x	x	x
Italy	Aversa	3.5	..	100.0	..	..	..	..	..	..	x	x	x
Latvia	Riga	4.7	0.9	99.9	95.0	93.0	99.9	90.0	No	No	x	x	x
Lithuania	Vilnius	20.0	..	89.4	89.4	89.1	100.0	77.0	No	Yes	o	x	x
Netherlands	Amsterdam	7.8	17.5	100.0	100.0	100.0	100.0	..	..	..	..	..	..
Netherlands	Eindhoven	5.6	16.5	100.0	100.0	100.0	100.0	..	..	..	x	x	x
Netherlands	Meppel	4.5	15.9	100.0	100.0	100.0	100.0	..	..	..	x	x	x
Poland	Bydgoszcz	4.3	18.8	94.9	94.6	87.1	100.0	84.9	Yes	Yes	x	x	x
Poland	Gdansk	4.4	7.4	100.0	98.7	94.0	99.6	56.2	Yes	Yes	x	x	x
Poland	Katowice	1.7	5.2	100.0	99.1	94.4	100.0	75.2	Yes	Yes	x	x	x
Poland	Poznan	5.8	18.4	100.0	94.9	96.4	99.9	85.5	Yes	Yes	x	x	x
Republi of Moldova	Chisinau	..	..	100.0	100.0	95.0	100.0	83.0	Yes	Yes	o	o	+
Russian Federation	Astrakhan	5.0	13.8	100.0	81.0	79.0	100.0	51.0	Yes	Yes	x	x	x
Russian Federation	Belgorod	4.0	6.4	100.0	90.0	89.0	100.0	51.0	Yes	Yes	x	x	x
Russian Federation	Kostroma	6.9	12.4	100.0	88.0	84.0	100.0	46.3	Yes	Yes	x	x	x
Russian Federation	Moscow	5.1	5.2	100.0	99.8	99.8	100.0	100.0	Yes	Yes	x	x	x
Russian Federation	Nizhny Novgorod	6.9	7.8	100.0	98.4	98.0	100.0	63.7	Yes	Yes	x	x	x
Russian Federation	Novomoscowsk	4.2	7.1	100.0	99.0	93.0	100.0	62.0	Yes	Yes	x	x	x
Russian Federation	Omsk	3.9	12.8	100.0	87.0	87.0	100.0	41.0	Yes	Yes	x	x	x
Russian Federation	Pushkin	9.6	7.2	100.0	99.0	99.0	100.0	89.0	Yes	Yes	x	x	x
Russian Federation	Surgut	4.5	8.8	100.0	98.4	98.4	100.0	50.1	Yes	Yes	x	x	x
Russian Federation	Veliky Novgorod	3.4	11.1	100.0	97.0	96.7	100.0	51.1	Yes	Yes	x	x	x
Serbia and Montenegro	Belgrade	13.5	..	99.0	95.0	86.0	99.6	86.0	Yes	Yes	x	x	..
Slovenia	Ljubljana	7.8	17.3	100.0	100.0	100.0	100.0	97.0	Yes	Yes	x	x	x
Spain	Madrid	..	..	100.0	..	..	..	..	Yes	Yes	x	x	x
Spain	Pamplona	..	..	100.0	100.0	..	100.0	..	Yes	Yes	x	x	x
Sweden	Amal	2.9	..	100.0	100.0	100.0	100.0	..	Yes	Yes	x	x	x
Sweden	Stockholm	6.0	..	100.0	100.0	100.0	100.0	..	Yes	Yes	x	x	x
Sweden	Umea	5.3	..	100.0	100.0	100.0	100.0	..	Yes	Yes	x	x	x
Switzerland	Basel	12.3	19.4	100.0	100.0	100.0	100.0	99.0	Yes	Yes	o	x	x
United Kingdom	Belfast	3.6	6.9	100.0	100.0	100.0	100.0	..	..	Yes	o	x	x
United Kingdom	Birmingham	3.4	12.5	100.0	100.0	100.0	100.0	..	..	Yes	x	x	x
United Kingdom	Cardiff	3.2	13.2	100.0	100.0	100.0	100.0	..	..	Yes	o	x	x
United Kingdom	Edinburgh	3.5	11.7	100.0	100.0	100.0	100.0	..	..	Yes	o	x	x
United Kingdom	London	4.7	15.6	100.0	100.0	100.0	100.0	..	..	Yes	o	x	x
United Kingdom	Manchester	3.0	12.3	100.0	100.0	100.0	100.0	..	..	Yes	o	x	x
<b>LATIN AMERICA AND THE CARIBBEAN</b>													
Argentina	Buenos Aires	5.1	..	100.0	100.0	98.1	100.0	70.4	Yes	No	..	..	..
Argentina	Comodoro Rivadavia	..	..	99.0	98.0	93.0	99.9	..	Yes	No	x	x	x
Argentina	Córdoba	6.8	5.4	100.0	98.7	40.1	99.3	80.0	Yes	No	x	x	x
Argentina	Rosario	5.7	..	..	97.8	66.8	92.9	75.7	Yes	No	x	x	x
Barbados	Bridgetown	4.4	..	100.0	98.0	4.5	99.0	78.0	Yes	Yes	x	x	x
Belize	Belize City	..	..	..	..	..	..	..	Yes	No	o	x	o
Bolivia	Santa Cruz de la Sierra	..	..	47.4	52.6	33.3	97.7	59.1	Yes	Yes	x	x	x
Brazil	Belém	..	..	..	..	..	..	..	Yes	Yes	x	x	x
Brazil	Icapui	4.5	9.6	85.0	88.0	..	90.0	33.0	Yes	Yes	x	x	x
Brazil	Maranguape	..	..	90.0	73.0	..	..	..	Yes	Yes	x	x	x
Brazil	Porto Alegre	..	..	99.0	99.0	87.0	100.0	..	Yes	Yes	x	x	x
Brazil	Recife	12.5	25.9	97.1	89.3	41.0	99.8	29.1	Yes	Yes	x	x	x
Brazil	Rio de Janeiro	..	..	..	87.7	79.8	10.0	..	Yes	Yes	x	x	x
Brazil	São Paulo	..	24.3	98.0	98.0	95.0	99.9	78.9	Yes	Yes	x	x	x
Chile	Gran Concepcion	..	..	100.0	99.7	90.7	95.0	69.1	Yes	No	x	x	x
Chile	Santiago de Chile	..	..	100.0	100.0	99.2	99.2	72.8	Yes	No	x	x	x
Chile	Tome	..	..	78.4	91.7	51.9	98.0	57.6	Yes	No	x	x	x
Chile	Valparaiso	..	..	98.0	98.0	91.8	97.0	62.5	Yes	No	x	x	o
Chile	Vina del mar	..	..	97.1	97.1	97.0	98.0	64.9	Yes	No	x	x	x
Colombia	Armenia	5.0	..	100.0	90.0	50.0	98.7	97.1	Yes	Yes	o	x	x
Colombia	Marinilla	8.5	..	100.0	97.7	92.8	100.0	65.0	Yes	Yes	x	x	x
Colombia	Medellin	..	..	99.9	99.9	98.5	99.5	86.9	Yes	Yes	x	x	x
Cuba	Baracoa	..	..	89.0	83.0	3.0	93.0	32.0	Yes	Yes	x	x	x
Cuba	Camaguey	..	..	72.0	72.0	47.0	97.0	..	Yes	Yes	x	x	x

Cuba	Cienfuegos	4.0	..	100.0	100.0	73.0	100.0	8.7	Yes	Yes	x	x	x
Cuba	Havana	8.5	..	100.0	100.0	85.0	100.0	14.0	Yes	Yes	x	x	x
Cuba	Pinar Del Rio	..	..	..	97.0	48.0	99.6	..	Yes	Yes	x	x	x
Cuba	Santa Clara	..	..	95.0	95.0	42.0	99.7	43.2	Yes	Yes	x	x	x
Dominican Republic	Santiago de los Caballeros	..	..	80.0	75.0	80.0	..	71.0	Yes	Yes	x	x	x
Ecuador	Ambato	..	..	85.0	89.5	80.5	90.6	86.8	Yes	Yes	x	x	x
Ecuador	Cuenca	4.6	..	98.0	96.8	92.2	97.0	48.0	Yes	Yes	o	o	o
Ecuador	Guayaquil	3.4	16.1	77.0	70.0	42.0	99.0	44.0	Yes	Yes	x	x	o
Ecuador	Manta	..	28.0	70.0	70.0	52.0	98.0	40.0	Yes	Yes	o	o	o
Ecuador	Puyo	2.1	15.8	89.4	80.0	30.0	90.0	60.0	Yes	Yes	x	x	x
Ecuador	Quito	2.4	13.3	89.4	85.0	70.0	96.2	55.3	Yes	Yes	x	x	x
Ecuador	Tena	1.6	..	80.0	80.0	60.0	..	..	Yes	Yes	x	x	o
El Salvador	San Salvador	3.5	37.0	81.5	81.5	79.7	97.7	70.1	No	No	+	+	+
Guatemala	Quetzaltenango	4.3	..	90.0	60.0	55.0	80.0	40.0	Yes	Yes	o	x	o
Jamaica	Kingston	..	..	..	96.6	..	88.1	..	No	No	..	..	..
Jamaica	Montego Bay	..	..	78.0	78.0	..	86.0	..	No	No	..	..	..
Mexico	Ciudad Juarez	1.4	..	92.0	89.2	77.0	96.0	45.0	Yes	Yes	x	x	x
Nicaragua	Leon	..	..	..	78.2	..	83.8	20.6	..	..	..	..	..
Panama	Colon	14.2	24.5	100.0	..	..	..	..	Yes	Yes	x	x	o
Paraguay	Asuncion	10.7	..	..	46.2	8.2	86.4	17.0	Yes	No	o	x	x
Peru	Cajamarca	3.9	34.9	86.0	86.0	69.0	81.0	38.0	Yes	No	x	x	x
Peru	Huanuco	30.0	24.0	54.0	57.0	28.0	80.0	32.0	Yes	Yes	x	x	x
Peru	Huaras	6.7	..	90.0	..	..	71.0	..	Yes	Yes	x	x	+
Peru	Iquitos	5.6	..	72.5	72.5	60.3	82.3	62.3	Yes	Yes	x	x	o
Peru	Lima	8.7	..	81.1	75.2	71.5	99.0	..	Yes	Yes	o	x	x
Peru	Tacna	4.0	..	87.0	64.6	58.3	73.7	15.8	Yes	Yes	..	..	..
Peru	Tumbes	..	29.0	85.0	60.0	35.0	80.0	25.0	Yes	Yes	x	x	x
Trinidad and Tobago	Port of Spain	..	..	..	..	..	..	..	..	..	..	..	..
Uruguay	Montevideo	5.6	31.1	99.3	97.6	79.1	99.7	75.1	Yes	No	x	x	x

**NORTHERN AMERICA**

Canada	Hull	..	18.7	100.0	100.0	100.0	100.0	100.0	Yes	Yes	x	x	x
United States	Atlanta	2.10	29.0	99.8	99.6	100.0	100.0	90.3	Yes	Yes	x	x	x
United States	Birmingham-USA	..	24.0	99.8	99.8	100.0	100.0	..	Yes	Yes	x	x	x
United States	Boston	2.90	31.0	100.0	99.9	100.0	100.0	..	Yes	Yes	x	x	x
United States	Des Moines	..	..	..	..	..	..	..	Yes	Yes	x	x	x
United States	Hartford	2.50	29.0	99.8	100.0	100.0	100.0	90.0	Yes	Yes	x	x	x
United States	Minneapolis-St. Paul	2.10	28.0	100.0	99.8	100.0	100.0	100.0	Yes	Yes	x	x	x
United States	New York	2.70	28.0	100.0	100.0	100.0	100.0	96.0	Yes	Yes	x	x	x
United States	Providence	2.50	29.0	100.0	99.9	100.0	100.0	..	Yes	Yes	x	x	x
United States	Salt Lake	2.80	27.0	100.0	100.0	100.0	99.9	..	Yes	Yes	x	x	x
United States	San Jose	..	..	100.0	99.9	100.0	100.0	..	Yes	Yes	x	x	x
United States	Seattle	3.00	28.0	100.0	100.0	100.0	100.0	92.1	Yes	Yes	x	x	x
United States	Tampa	2.10	30.0	100.0	100.0	100.0	100.0	..	Yes	Yes	x	x	x
United States	Washington, DC	2.30	26.0	100.0	100.0	100.0	99.9	..	Yes	Yes	x	x	x

**OCEANIA**

Samoa	Apia	10.0	36.0	69.0	60.0	..	98.0	96.0	Yes	Yes	x	x	x
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Notes: \* Housing price-to-income ratio: ratio of the median free-market price of a dwelling unit and the median annual household income. \*\* Rent-to-income ratio: per cent ratio of the median annual rent of a dwelling unit and the median annual household income of renters. \*\*\* Percentage of households with access to water within 200 metres. † Percentage of households which, within their housing unit, are connected to: (A) piped water; (B) sewerage; (C) electricity; (D) telephone. †† Responses (yes/no) to the questions: (A) Does the Constitution or national law promote the full and progressive realization of the right to adequate housing? (B) Does the Constitution or national law include protections against eviction? ††† Responses (none/some/considerable) to the questions: (A) Are there impediments to women owning land? (B) Are there impediments to women inheriting land and housing? (C) Are there impediments to women taking mortgages in their own name?

Source: UN-Habitat (2002), *Global Urban Indicators Database 2 (1998 data)*.

**TABLE C.4****Environmental Infrastructure, Selected Cities**

		Water consumption* (litres/person/day)				Solid waste disposal (%)					
		A	B	Median price of water (US\$/m <sup>3</sup> )	Waste water treated (%)	Incinerated	Sanitary landfill	Open dump	Recycled	Burned openly	Other
<b>AFRICA</b>											
Algeria	Algiers	150.0	100.0	0.08	80.0	..	..	..	..	..	..
Benin	Cotonou	36.4	..	0.39	70.0	-	-	75.0	20.0	-	5.0
Benin	Parakou	60.4	..	0.39	..	-	-	90.0	5.0	-	5.0
Benin	Porto-Novo	26.4	..	0.39	..	-	-	70.0	25.0	-	5.0
Botswana	Gaborone	239.0	..	..	95.0	-	-	99.0	1.0	-	-
Burkina Faso	Bobo-Dioulasso	27.0	..	..	..	..	..	..	..	..	..
Burkina Faso	Koudougou	27.0	..	..	..	..	..	..	..	..	..
Burkina Faso	Ouagadougou	39.0	..	..	18.5	7.0	-	55.0	12.0	25.0	1.0
Burundi	Bujumbura	82.4	30.0	0.08	21.3	-	15.0	33.4	-	27.4	24.2
Cameroon	Douala	40.0	20.0	0.33	5.0	0.6	65.4	26.0	8.0	-	-
Cameroon	Yaounde	40.0	15.0	0.33	24.2	0.3	66.9	31.0	1.8	-	-
Central African Republic	Bangui	55.0	30.0	3.33	0.1	-	-	80.0	-	20.0	-
Chad	N'Djamena	17.5	10.0	2.50	20.9	..	76.0	..	-	45.0	-
Congo	Brazzaville	30.0	25.0	..	..	-	0.8	40.0	16.2	38.0	5.0
Congo	Pointe-Noire	30.0	25.0	..	..	0.8	5.3	23.2	26.2	36.1	8.4
Côte d'Ivoire	Abidjan	40.0	20.0	1.19	45.0	10.0	-	72.0	3.0	-	15.0
Côte d'Ivoire	Yamoussoukro	37.0	..	0.48	25.0	-	-	100.0	-	-	-
Dem. Rep. of Congo	Kinshasa	25.0	20.0	..	..	5.8	15.9	15.5	4.9	32.5	18.5
Egypt	Ismailia	444.0	..	0.03	35.0	-	-	80.0	-	-	20.0
Egypt	Tanta	259.0	..	..	..	..	..	..	..	..	..
Ethiopia	Addis Ababa	16.9	..	..	..	-	10.8	21.8	-	-	67.4

TABLE C.4

continued

		Water consumption* (litres/person/day)				Solid waste disposal (%)					
		A	B	Median	Waste water	Incinerated	Sanitary landfill	Open dump	Recycled	Burned openly	Other
				price of water (US\$/m <sup>3</sup> )	treated (%)						
Gabon	Libreville	160.0	120.0	0.57	44.0	-	70.0	10.0	-	15.0	5.0
Gabon	Port-Gentil	160.0	120.0	0.60	25.0	-	65.0	6.0	-	25.0	4.0
Gambia	Banjul	9.3	6.8	1.20	..	-	96.0	-	-	2.5	1.5
Ghana	Accra	9.0	6.5	1.20	0.0	..	..	..	..	..	..
Ghana	Kumasi	9.1	6.3	0.75	..	-	98.0	-	-	0.8	1.2
Guinea	Conakry	20.0	..	..	..	5.0	70.0	15.0	5.0	5.0	-
Kenya	Kisumu	20.0	..	..	65.0	-	-	30.0	-	7.0	63.0
Kenya	Mombasa	16.0	10.0	..	49.5	-	55.0	-	-	-	45.0
Kenya	Nairobi	17.7	..	2.18	52.0	..	25.0	..	1.0	3.0	1.3
Lesotho	Maseru	40.0	..	0.23	..	..	..	..	..	..	..
Liberia	Monrovia	30.0	..	0.03	0.0	-	-	100.0	-	-	-
Libyan Arab Jamahiriya	Tripoli	404.0	..	0.05	40.0	-	15.0	65.0	20.0	-	-
Madagascar	Antananarivo	..	..	0.12	..	..	..	..	..	..	..
Malawi	Lilongwe	100.0	60.0	..	0.0	..	..	22.0	..	3.0	..
Mali	Bamako	54.0	31.0	..	..	-	2.0	95.0	-	-	3.0
Mauritania	Nouakchott	35.0	20.0	0.62	..	3.0	..	28.0	1.0	6.0	2.0
Morocco	Casablanca	..	..	0.72	..	3.0	7.0	90.0	-	-	-
Morocco	Rabat	..	..	0.60	..	7.0	8.0	85.0	-	-	-
Mozambique	Maputo	67.0	..	0.41	5.0	-	-	100.0	-	-	-
Namibia	Windhoek	139.0	30.0	0.79	100.0	3.0	92.5	-	4.5	-	-
Niger	Maradi	24.0	..	0.34	..	..	..	..	..	..	..
Niger	Niamey	45.0	..	0.34	..	..	..	..	..	..	..
Nigeria	Ibadan	..	..	..	..	..	..	..	..	..	..
Nigeria	Lagos	45.0	22.5	..	..	..	..	..	..	..	..
Rwanda	Kigali	81.0	29.0	1.00	20.0	..	..	16.0	..	84.0	-
Senegal	Bignona	44.0	..	0.12	0.0	-	-	100.0	-	-	-
Senegal	Dakar	70.5	..	0.61	3.5	-	-	100.0	-	-	-
Senegal	Thies	44.0	..	0.18	0.0	-	-	100.0	-	-	-
South Africa	Durban	..	..	..	..	..	..	..	..	..	..
South Africa	East Rand	113.0	..	..	80.0	..	..	..	..	..	..
South Africa	Port Elizabeth	110.0	25.0	2.39	..	0.1	99.9	-	-	-	-
Togo	Lome	73.0	..	0.33	..	-	-	25.0	-	10.0	65.0
Togo	Sokode	7.0	4.0	0.40	0.0	-	-	100.0	-	-	-
Tunisia	Tunis	..	..	0.30	83.0	2.0	80.0	12.0	5.0	1.0	-
Uganda	Entebbe	25.0	..	1.60	30.0	2.0	-	75.0	-	20.0	3.0
Uganda	Jinja	100.0	40.0	0.50	30.0	1.5	34.0	35.0	2.5	17.0	10.0
Zimbabwe	Bulawayo	87.0	..	..	80.0	1.0	65.0	2.0	5.0	..	1.0
Zimbabwe	Chegututu	160.0	..	0.63	69.0	5.0	-	75.0	3.0	15.0	2.0
Zimbabwe	Gweru	100.0	..	..	95.0	6.0	40.0	13.0	16.0	4.0	21.0
Zimbabwe	Harare	..	..	0.10	..	..	..	..	..	..	..
Zimbabwe	Mutare	139.0	..	..	100.0	-	97.7	-	2.3	-	-
<b>ASIA</b>											
Armenia	Yerevan	250.0	50.0	0.10	35.7	-	-	35.0	-	65.0	-
Bangladesh	Chittagong	96.0	48.0	0.09	0.0	..	..	70.0	0.5	..	..
Bangladesh	Dhaka	160.0	..	0.50	..	-	-	50.0	35.0	-	15.0
Bangladesh	Sylhet	96.0	48.0	1.37	0.0	..	..	45.0	0.5	..	..
Bangladesh	Tangail	..	..	..	0.0	-	-	83.0	-	-	17.0
Cambodia	Phnom Penh	..	..	0.21	0.0	-	-	74.0	15.0	5.0	6.0
Georgia	Tbilisi	..	..	0.19	0.0	..	..	..	..	..	..
India	Alwar	..	..	..	..	..	..	..	..	..	..
India	Bangalore	68.8	40.0	0.20	82.9	-	-	60.8	14.5	-	24.7
India	Chennai	70.0	45.0	0.08	70.0	-	-	100.0	-	-	-
India	Delhi	136.0	45.0	..	73.2	-	99.5	-	-	-	0.5
India	Mysore	124.2	80.0	0.06	13.0	-	-	100.0	-	-	-
Indonesia	Bandung	130.0	..	0.85	23.4	-	78.6	-	-	16.3	5.1
Indonesia	Jakarta	161.6	..	0.18	15.7	-	77.7	-	-	-	22.3
Indonesia	Semarang	137.4	..	0.09	0.0	-	74.3	-	-	-	25.7
Indonesia	Surabaya	138.6	34.7	0.85	0.0	-	70.0	-	30.0	-	-
Iraq	Baghdad	..	..	..	..	..	..	..	..	..	..
Japan	Tokyo	84.0	..	..	..	78.0	8.6	0.1	10.3	-	3.0
Jordan	Amman	84.0	..	0.53	54.3	-	100.0	-	-	-	-
Kazakhstan	Astana	..	..	0.23	93.0	..	..	..	..	..	..
Kuwait	Kuwait	379.0	..	1.26	..	9.0	82.0	2.0	-	2.0	5.0
Kyrgyzstan	Bishkek	135.0	..	0.04	15.0	-	-	100.0	-	-	-
Lao PDR	Vientiane	161.0	..	0.06	20.0	..	..	..	..	..	..
Lebanon	Sin El Fil	..	..	..	..	..	82.0	-	6.0	-	12.0
Malaysia	Penang	384.0	..	0.08	20.0	10.0	-	80.0	10.0	-	-
Mongolia	Ulaanbaatar	160.0	3.2	0.32	96.0	5.0	5.0	90.0	-	-	-
Myanmar	Yangon	160.0	50.0	0.81	0.0	-	-	86.0	14.0	-	-
Nepal	Butwal	75.0	..	0.03	0.0	..	..	94.0	6.0	..	..
Nepal	Pokhara	80.0	..	0.03	0.0	-	-	76.7	15.9	7.4	-
Occupied Palestine Territory	Gaza	80.0	..	0.41	..	..	..	..	..	..	..
Oman	Muscat	..	..	..	..	..	..	..	..	..	..
Pakistan	Karachi	132.0	63.0	0.25	10.0	-	-	51.0	12.0	20.0	17.0
Pakistan	Lahore	320.0	..	0.09	0.0	-	70.0	25.0	-	5.0	-
Philippines	Cebu	225.0	..	0.50	..	-	100.0	-	-	-	-
Qatar	Doha	..	..	..	..	..	..	..	..	..	..
Republic of Korea	Hanam	286.0	..	0.33	80.8	3.0	67.0	-	30.0	-	-

Republic of Korea	Pusan	384.0	..	0.35	69.4	14.5	41.2	-	44.3	-	-
Republic of Korea	Seoul	409.0	..	0.33	98.6	5.0	57.0	-	38.0	-	-
Singapore	Singapore	166.2	..	0.32	100.0	66.3	33.7	-	-	-	-
Sri Lanka	Colombo	..	..	0.03	10.0	-	-	100.0	-	-	-
Syrian Arab Republic	Damascus	270.0	..	0.20	3.0	4.0	46.0	6.0	21.0	16.0	7.0
Thailand	Bangkok	352.0	..	0.19	..	-	99.0	-	-	-	1.0
Thailand	Chiang Mai	200.0	100.0	0.45	70.0	2.0	98.0	-	-	-	-
Turkey	Ankara	138.0	..	1.06	80.0	-	-	92.0	0.8	0.8	6.5
Viet Nam	Hanoi	100.0	..	0.90	..	-	65.0	-	15.0	-	20.0
Viet Nam	Ho Chi Minh	200.0	..	..	..	..	..	..	..	..	..
Yemen	Sana'a	75.0	40.0	0.90	30.0	-	-	95.0	5.0	-	-
<b>EUROPE</b>											
Albania	Tirana	130.0	..	0.05	..	-	-	-	-	100.0	-
Belarus	Minsk	358.0	..	..	100.0	-	100.0	-	-	-	-
Bosnia and Herzegovina	Sarajevo	165.0	..	0.90	..	..	..	..	..	..	..
Bulgaria	Bourgas	112.0	..	0.35	93.0	-	100.0	-	-	-	-
Bulgaria	Sofia	150.0	..	0.17	94.0	-	0.2	77.0	22.8	-	-
Bulgaria	Troyan	121.0	..	0.10	..	-	-	73.0	9.0	4.0	14.0
Bulgaria	Veliko Tarnovo	114.0	..	0.22	50.0	-	-	94.0	6.0	-	-
Croatia	Zagreb	145.3	..	0.67	..	-	-	85.0	13.0	-	2.0
Czech Republic	Brno	131.8	..	0.78	100.0	100.0	-	-	-	-	-
Czech Republic	Prague	110.0	..	0.81	..	..	..	..	..	..	..
Estonia	Riik	144.0	..	..	..	..	..	..	..	..	..
Estonia	Tallin	138.0	..	0.51	99.6	-	23.9	74.3	-	-	1.8
Germany	Berlin	178.0	..	0.20	100.0	..	..	..	..	..	..
Germany	Cologne	247.0	..	0.20	100.0	..	..	..	..	..	..
Germany	Duisburg	200.0	..	0.23	100.0	..	..	..	..	..	..
Germany	Erfurt	210.0	..	0.30	97.5	..	..	..	..	..	..
Germany	Freiburg	203.0	..	0.19	100.0	..	..	..	..	..	..
Germany	Leipzig	200.0	..	0.23	100.0	..	..	..	..	..	..
Germany	Wiesbaden	188.0	..	0.35	99.7	..	..	..	..	..	..
Hungary	Budapest	184.0	..	0.35	87.5	64.7	35.3	-	-	-	-
Italy	Aversa	..	..	3.00	90.0	-	-	98.8	1.2	-	-
Latvia	Riga	166.0	..	0.57	83.3	-	-	92.0	-	-	8.0
Lithuania	Vilnius	73.0	..	0.77	53.9	..	..	..	..	..	..
Netherlands	Amsterdam	..	..	2.87	..	-	1.0	-	30.0	69.0	-
Netherlands	Eindhoven	..	..	1.98	..	-	1.0	-	30.0	69.0	-
Netherlands	Meppel	..	..	1.76	..	-	1.0	-	30.0	69.0	-
Poland	Bydgoszcz	133.9	..	0.29	28.4	-	-	99.8	0.2	-	-
Poland	Gdansk	129.9	..	0.34	100.0	0.0	-	96.5	3.5	-	-
Poland	Katowice	149.0	..	0.54	67.0	-	-	85.0	1.5	-	13.5
Poland	Poznan	145.0	..	0.32	78.0	1.1	..	81.7	17.2	..	..
Republi of Moldova	Chisinau	..	..	0.25	71.2	..	..	..	..	..	..
Russian Federation	Astrakhan	200.0	..	0.08	92.0	-	-	86.4	13.6	-	-
Russian Federation	Belgorod	200.0	..	0.05	95.9	-	5.0	89.0	..	..	..
Russian Federation	Kostroma	250.0	..	0.04	95.9	-	-	86.1	13.9	-	-
Russian Federation	Moscow	235.0	..	..	98.1	1.2	66.2	24.0	8.0	0.6	-
Russian Federation	Nizhny Novgorod	230.0	..	0.05	97.6	-	-	90.2	9.8	-	-
Russian Federation	Novomoscowsk	225.0	..	0.09	97.0	-	-	97.1	2.9	-	-
Russian Federation	Omsk	300.0	..	0.07	89.0	-	-	100.0	-	-	-
Russian Federation	Pushkin	220.0	..	0.15	100.0	-	-	90.0	10.0	-	-
Russian Federation	Surgut	320.0	..	0.40	93.2	-	-	100.0	-	-	-
Russian Federation	Veliky Novgorod	325.0	..	0.04	95.0	-	2.0	97.0	1.0	-	-
Serbia and Montenegro	Belgrade	385.0	..	0.13	20.0	-	-	99.3	0.7	-	-
Slovenia	Ljubljana	179.0	..	0.28	98.0	-	92.0	-	8.0	-	-
Spain	Madrid	172.5	..	0.73	100.0	-	46.0	-	54.0	-	-
Spain	Pamplona	136.1	..	0.38	79.0	1.8	82.0	-	16.2	-	-
Sweden	Amal	143.0	..	1.98	100.0	-	71.0	-	29.0	-	-
Sweden	Stockholm	198.0	..	1.49	100.0	74.0	1.0	-	25.0	-	-
Sweden	Umea	153.0	..	1.75	100.0	78.0	1.0	-	21.0	-	-
Switzerland	Basel	380.0	..	..	100.0	58.0	27.0	-	15.0	-	-
United Kingdom	Belfast	..	..	..	..	-	-	-	4.0	-	96.0
United Kingdom	Birmingham	..	..	..	100.0	53.0	43.0	-	4.0	-	-
United Kingdom	Cardiff	..	..	..	..	-	95.0	-	5.0	-	-
United Kingdom	Edinburgh	..	..	..	..	..	..	..	..	..	..
United Kingdom	London	..	..	..	..	23.0	72.0	-	5.0	-	-
United Kingdom	Manchester	..	..	..	..	-	92.0	-	3.0	-	5.0
<b>LATIN AMERICA AND THE CARIBBEAN</b>											
Argentina	Buenos Aires	270.0	..	..	0.0	-	100.0	-	-	-	-
Argentina	Comodoro Rivadavia	440.0	..	0.35	10.0	-	-	100.0	-	-	-
Argentina	Córdoba	340.0	..	0.36	49.1	0.1	99.6	-	0.3	-	-
Argentina	Rosario	171.8	..	0.17	0.6	0.1	71.9	25.2	-	2.7	-
Barbados	Bridgetown	230.0	..	0.75	7.0	..	..	..	..	..	..
Belize	Belize City	..	..	..	..	..	..	..	..	..	..
Bolivia	Santa Cruz de la Sierra	122.0	..	..	53.0	2.0	60.0	30.0	2.0	2.0	3.0
Brazil	Belém	..	..	..	..	..	..	..	..	..	..
Brazil	Icapui	120.0	..	0.67	..	-	-	75.0	-	15.0	10.0
Brazil	Maranguape	150.0	..	0.45	..	-	96.0	2.0	2.0	-	-
Brazil	Porto Alegre	202.4	..	0.51	..	..	92.0	..	7.6	..	0.4
Brazil	Recife	185.0	..	0.72	33.0	..	75.0	24.0	1.0	..	..
Brazil	Rio de Janeiro	209.0	..	..	..	..	73.2	-	22.0	0.7	4.1
Brazil	São Paulo	159.6	108.7	0.52	..	-	99.0	-	1.0	-	-
Chile	Gran Concepcion	179.0	30.0	0.28	5.7	-	100.0	-	-	-	-
Chile	Santiago de Chile	..	..	0.34	3.3	-	100.0	-	-	-	-
Chile	Tome	144.0	..	0.20	57.0	-	91.6	-	2.2	0.8	5.4
Chile	Valparaiso	166.3	..	0.45	100.0	-	100.0	-	-	-	-
Chile	Vina del mar	170.0	12.0	0.46	92.9	-	89.0	3.0	8.0	-	-
Colombia	Armenia	..	..	0.58	0.0	-	-	96.0	-	-	4.0
Colombia	Marinilla	125.5	..	..	..	-	88.5	-	11.5	-	-

TABLE C.4

continued

		Water consumption* (litres/person/day)			Solid waste disposal (%)						
		A	B	Median	Waste water treated (%)	Incinerated	Sanitary landfill	Open dump	Recycled	Burned openly	Other
				price of water (US\$/m <sup>3</sup> )							
Colombia	Medellin	141.5	..	0.18	..	-	75.0	7.0	10.0	3.0	5.0
Cuba	Baracoa	225.0	..	1.00	..	-	-	100.0	-	-	-
Cuba	Camaguey	203.0	..	..	..	-	-	100.0	-	-	-
Cuba	Cienfuegos	230.0	..	0.85	2.2	-	80.0	20.0	-	-	-
Cuba	Havana	100.0	..	1.30	..	-	100.0	-	-	-	-
Cuba	Pinar Del Rio	125.0	..	..	..	10.0	60.0	10.0	-	20.0	-
Cuba	Santa Clara	225.0	..	..	..	-	70.0	30.0	-	-	-
Dominican Republic	Santiago de los Caballeros	..	..	..	80.0	..	..	100.0	..	100.0	..
Ecuador	Ambato	220.0	..	0.11	0.0	-	-	95.0	5.0	-	-
Ecuador	Cuenca	246.0	..	..	82.0	-	88.0	-	5.0	-	7.0
Ecuador	Guayaquil	244.0	109.0	0.51	9.0	-	94.0	0.3	0.3	1.2	4.2
Ecuador	Manta	40.5	..	0.66	..	..	..	..	..	..	..
Ecuador	Puyo	420.0	..	0.04	..	-	-	90.0	10.0	-	-
Ecuador	Quito	..	..	..	..	-	-	70.0	20.0	-	10.0
Ecuador	Tena	190.0	..	0.11	0.0	-	-	90.0	5.0	-	5.0
El Salvador	San Salvador	..	..	..	..	-	81.1	18.9	-	-	-
Guatemala	Quetzaltenango	120.0	..	0.16	..	-	60.0	30.0	5.0	5.0	-
Jamaica	Kingston	..	..	..	20.0	..	..	..	..	..	..
Jamaica	Montego Bay	..	..	..	15.0	..	..	..	..	..	..
Mexico	Ciudad Juarez	336.4	..	0.26	..	-	89.0	2.0	8.0	1.0	-
Nicaragua	Leon	..	..	..	..	..	..	..	..	..	..
Panama	Colon	496.0	..	0.21	0.0	-	90.0	10.0	-	-	-
Paraguay	Asuncion	200.0	90.0	0.40	0.0	0.2	..	..	4.0	..	91.0
Peru	Cajamarca	160.0	..	0.64	62.0	-	95.0	1.5	-	-	3.5
Peru	Huanuco	..	..	..	..	-	100.0	-	-	-	-
Peru	Huaras	120.0	..	0.33	..	-	-	100.0	-	-	-
Peru	Iquitos	119.8	..	0.23	..	-	64.0	15.0	-	8.0	13.0
Peru	Lima	108.0	..	0.34	4.0	-	57.0	34.0	7.0	2.0	-
Peru	Tacna	201.0	90.0	0.43	64.0	-	-	50.0	-	50.0	-
Peru	Tumbes	150.0	..	0.59	..	70.0	..	..	..	20.0	10.0
Trinidad and Tobago	Port of Spain	..	..	..	..	..	..	..	..	..	..
Uruguay	Montevideo	173.1	..	0.62	34.0	0.2	-	99.8	-	-	-
<b>NORTHERN AMERICA</b>											
Canada	Hull	397.0	..	0.29	100.0	-	91.9	-	8.1	-	-
United States	Atlanta	403.0	..	..	..	..	..	..	..	..	..
United States	Birmingham-USA	393.0	..	..	..	..	..	..	..	..	..
United States	Boston	252.0	..	..	..	..	..	..	..	..	..
United States	Des Moines	226.0	..	..	..	..	..	..	..	..	..
United States	Hartford	284.0	..	..	..	..	..	..	..	..	..
United States	Minneapolis-St. Paul	281.0	..	..	..	..	..	..	..	..	..
United States	New York	448.0	..	..	..	..	..	..	..	..	..
United States	Providence	246.0	..	..	..	..	..	..	..	..	..
United States	Salt Lake	668.0	..	..	..	..	..	..	..	..	..
United States	San Jose	343.0	..	..	..	..	..	..	..	..	..
United States	Seattle	476.0	..	..	..	..	..	..	..	..	..
United States	Tampa	327.0	..	..	..	..	..	..	..	..	..
United States	Washington, DC	396.0	..	..	..	..	..	..	..	..	..
<b>OCEANIA</b>											
Samoa	Apia	..	..	0.10	0.0	..	..	..	..	..	..

Note: \* Average consumption of water, in litres per person per day, for all domestic uses (excludes industrial use): (A) city average; (B) city average in informal settlements.

Source: UN-Habitat (2002), *Global Urban Indicators Database 2 (1998 data)*.

TABLE C.5

## Transport and Environmental Indicators, Selected Cities

		Travel time per work-trip (minutes)	Transport used for work trips* (%)				Disaster prevention and mitigation measures**			Local environmental planning***		
			Car	Train	Bus	Other	A	B	C	A	B	C
<b>AFRICA</b>												
Algeria	Algiers	..	..	..	..	Yes	Yes	No	Yes	Yes	Yes	
Benin	Cotonou	..	90.0	-	10.0	Yes	No	No	Yes	Yes	Yes	
Benin	Parakou	45	80.0	-	20.0	Yes	No	No	Yes	Yes	Yes	
Benin	Porto-Novo	50	83.0	-	17.0	Yes	No	No	Yes	Yes	Yes	
Botswana	Gaborone	..	..	..	..	No	No	No	No	No	No	
Burkina Faso	Bobo-Dioulasso	..	..	..	..	No	No	No	No	No	No	
Burkina Faso	Koudougou	..	..	..	..	No	No	No	No	No	No	
Burkina Faso	Ouagadougou	..	63.4	-	2.2	34.4	No	Yes	No	Yes	No	
Burundi	Bujumbura	25	12.4	-	48.2	39.4	No	No	Yes	Yes	No	
Cameroon	Douala	40	..	..	..	Yes	Yes	Yes	Yes	No	No	
Cameroon	Yaounde	45	30.0	-	42.3	27.7	Yes	Yes	Yes	Yes	No	
Central African Republic	Bangui	60	3.7	-	66.3	30.0	Yes	Yes	Yes	No	No	



Chad	N'Djamena	..	17.0	-	35.0	48.0	No	No	No	Yes	Yes	Yes
Congo	Brazzaville	20	19.0	-	55.0	26.0	No	No	Yes	Yes	Yes	Yes
Congo	Pointe-Noire	30	8.0	-	55.0	37.0	No	No	Yes	Yes	Yes	Yes
Côte d'Ivoire	Abidjan	45	..	..	..	..	Yes	No	No	Yes	Yes	No
Côte d'Ivoire	Yamoussoukro	20	..	..	..	..	Yes	No	No	Yes	Yes	No
Dem. Rep. of Congo	Kinshasa	57	13.0	42.0	30.0	15.0	Yes	Yes	Yes	Yes	Yes	Yes
Egypt	Ismailia	30	..	..	..	..	Yes	Yes	Yes	No	No	No
Egypt	Tanta	..	..	..	..	..	Yes	Yes	No	No	No	No
Ethiopia	Addis Ababa	50	4.2	-	12.6	83.3	No	No	No	Yes	No	Yes
Gabon	Libreville	30	-	55.0	25.0	20.0	No	No	No	Yes	Yes	Yes
Gabon	Port-Gentil	45	..	..	..	..	No	No	No	Yes	Yes	Yes
Gambia	Banjul	22	19.5	-	54.9	25.6	No	No	No	Yes	Yes	Yes
Ghana	Accra	21	34.7	4.0	50.0	11.3	Yes	Yes	Yes	Yes	Yes	Yes
Ghana	Kumasi	21	22.2	0.6	50.0	27.2	Yes	Yes	Yes	Yes	Yes	Yes
Guinea	Conakry	45	22.0	-	25.5	52.5	Yes	No	Yes	Yes	Yes	Yes
Kenya	Kisumu	24	21.1	-	43.5	35.5	Yes	Yes	Yes	No	No	No
Kenya	Mombasa	20	2.1	-	47.0	50.9	Yes	Yes	Yes	Yes	No	Yes
Kenya	Nairobi	57	6.0	1.0	70.0	23.0	Yes	Yes	Yes	No	No	No
Lesotho	Maseru	15	3.0	-	47.0	50.0	Yes	Yes	No	Yes	Yes	Yes
Liberia	Monrovia	60	10.0	-	80.0	10.0	Yes	Yes	Yes	Yes	No	Yes
Libyan Arab Jamahiriya	Tripoli	20	81.0	-	18.0	1.0	Yes	Yes	No	Yes	Yes	Yes
Madagascar	Antananarivo	60	7.0	-	60.0	33.0	Yes	Yes	Yes	Yes	Yes	Yes
Malawi	Lilongwe	5	6.0	-	27.0	67.0	Yes	No	No	Yes	No	Yes
Mali	Bamako	30	24.9	-	12.2	62.9	No	No	No	Yes	No	Yes
Mauritania	Nouakchott	50	16.5	-	45.0	38.5	No	No	No	Yes	Yes	No
Morocco	Casablanca	30	..	..	..	..	Yes	Yes	No	Yes	Yes	Yes
Morocco	Rabat	20	40.0	-	40.0	20.0	Yes	Yes	No	Yes	Yes	Yes
Mozambique	Maputo	60	6.5	-	80.0	13.5	No	No	Yes	Yes	No	No
Namibia	Windhoek	20	..	..	..	..	No	No	Yes	Yes	No	Yes
Niger	Maradi	15	..	..	..	..	Yes	Yes	Yes	No	No	Yes
Niger	Niamey	30	..	..	..	..	Yes	Yes	Yes	No	No	Yes
Nigeria	Ibadan	45	45.0	0.5	45.0	9.5	Yes	No	Yes	Yes	Yes	Yes
Nigeria	Lagos	60	51.0	2.5	45.5	..	Yes	No	Yes	Yes	Yes	Yes
Rwanda	Kigali	45	12.0	-	32.0	56.0	No	Yes	Yes	Yes	No	No
Senegal	Bignona	10	1.7	-	-	98.3	Yes	Yes	Yes	Yes	Yes	Yes
Senegal	Dakar	30	8.1	1.3	77.2	13.4	Yes	Yes	Yes	No	No	No
Senegal	Thies	12	18.2	-	59.3	22.6	Yes	Yes	Yes	Yes	Yes	Yes
South Africa	Durban	..	..	..	..	..	No	No	No	No	No	No
South Africa	East Rand	..	..	..	..	..	Yes	Yes	Yes	Yes	No	Yes
South Africa	Port Elizabeth	35	52.4	1.8	45.8	-	No	No	No	No	No	No
Togo	Lome	30	45.0	-	40.0	15.0	Yes	Yes	No	Yes	Yes	Yes
Togo	Sokode	15	60.0	-	10.0	30.0	Yes	Yes	No	Yes	Yes	Yes
Tunisia	Tunis	..	..	..	..	..	Yes	Yes	Yes	Yes	No	Yes
Uganda	Entebbe	20	35.0	-	65.0	-	No	No	No	No	No	Yes
Uganda	Jinja	12	18.0	-	49.0	33.0	Yes	No	Yes	Yes	Yes	Yes
Zimbabwe	Bulawayo	15	22.8	-	74.9	2.3	Yes	Yes	Yes	Yes	Yes	Yes
Zimbabwe	Chegutu	22	19.0	-	20.0	61.0	No	No	No	Yes	No	Yes
Zimbabwe	Gweru	15	..	..	..	..	Yes	No	Yes	Yes	No	Yes
Zimbabwe	Harare	45	18.0	-	32.0	50.0	No	No	No	Yes	Yes	Yes
Zimbabwe	Mutare	20	12.0	-	70.0	18.0	Yes	No	No	Yes	No	Yes

**ASIA**

Armenia	Yerevan	30	2.0	11.5	72.5	14.0	Yes	Yes	Yes	No	No	No
Bangladesh	Chittagong	45	4.0	1.0	25.0	70.0	Yes	Yes	No	Yes	Yes	Yes
Bangladesh	Dhaka	45	4.6	0.0	9.2	86.2	Yes	Yes	No	Yes	Yes	Yes
Bangladesh	Sylhet	50	1.3	-	10.0	88.7	Yes	Yes	No	Yes	Yes	Yes
Bangladesh	Tangail	30	..	..	..	..	Yes	Yes	No	Yes	Yes	No
Cambodia	Phnom Penh	45	87.3	-	0.2	12.5	No	No	No	Yes	Yes	Yes
Georgia	Tbilisi	..	..	..	..	..	Yes	Yes	No	No	Yes	No
India	Alwar	..	..	..	..	..	No	No	No	No	No	No
India	Bangalore	30	39.6	-	35.7	24.7	Yes	Yes	No	Yes	No	Yes
India	Chennai	23	42.0	11.0	25.0	22.0	Yes	No	No	Yes	No	Yes
India	Delhi	..	24.6	0.4	62.0	13.0	No	No	No	No	No	No
India	Mysore	20	39.1	-	0.1	60.8	Yes	No	No	No	No	No
Indonesia	Bandung	30	82.0	..	..	..	No	Yes	Yes	Yes	No	No
Indonesia	Jakarta	..	..	..	..	..	No	Yes	Yes	Yes	No	Yes
Indonesia	Semarang	..	..	..	..	..	No	Yes	Yes	Yes	No	Yes
Indonesia	Surabaya	35	80.0	-	17.8	2.2	Yes	No	No	Yes	No	Yes
Iraq	Baghdad	..	..	..	..	..	No	No	No	No	No	No
Japan	Tokyo	45	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
Jordan	Amman	25	51.0	-	21.0	28.0	Yes	No	Yes	No	No	No
Kazakhstan	Astana	27	30.0	28.0	34.0	8.0	Yes	Yes	Yes	No	No	No
Kuwait	Kuwait	10	68.0	-	21.0	11.0	Yes	Yes	Yes	Yes	Yes	Yes
Kyrgyzstan	Bishkek	35	5.0	35.4	59.6	0.0	Yes	Yes	Yes	Yes	Yes	Yes
Lao PDR	Vientiane	27	41.8	-	2.1	56.1	Yes	Yes	No	Yes	Yes	Yes
Lebanon	Sin El Fil	10	25.0	-	50.0	25.0	No	Yes	No	No	No	Yes
Malaysia	Penang	40	42.0	-	55.0	3.0	Yes	No	Yes	Yes	Yes	Yes
Mongolia	Ulaanbaatar	30	10.0	21.0	59.0	10.0	Yes	Yes	Yes	Yes	Yes	Yes
Myanmar	Yangon	45	16.7	3.7	65.0	14.7	No	No	Yes	Yes	Yes	Yes
Nepal	Butwal	15	10.0	-	15.0	75.0	No	Yes	No	Yes	Yes	No
Nepal	Pokhara	20	11.0	-	14.0	75.0	Yes	Yes	No	Yes	No	Yes
Occupied Palestine Territory	Gaza	..	..	..	..	..	Yes	No	No	No	No	No
Oman	Muscat	20	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
Pakistan	Karachi	..	16.5	-	41.0	39.5	Yes	No	No	No	No	No
Pakistan	Lahore	..	..	..	..	..	Yes	No	No	No	No	No
Philippines	Cebu	35	..	..	..	..	Yes	No	Yes	Yes	Yes	Yes
Qatar	Doha	..	..	..	..	..	No	No	No	No	No	No
Republic of Korea	Hanam	..	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
Republic of Korea	Pusan	42	37.1	6.6	32.5	23.8	Yes	Yes	No	Yes	Yes	Yes
Republic of Korea	Seoul	60	20.1	32.3	38.8	8.8	No	Yes	Yes	Yes	Yes	Yes

TABLE C.5

continued

		Travel time per work-trip (minutes)	Transport used for work trips <sup>a</sup>				Disaster prevention and mitigation measures <sup>b</sup>			Local environmental planning <sup>c</sup>		
			Car	Train	Bus	Other	A	B	C	A	B	C
Singapore	Singapore	30	25.1	14.5	38.7	21.7	No	Yes	Yes	Yes	Yes	Yes
Sri Lanka	Colombo	25	23.7	8.1	65.0	3.2	Yes	No	Yes	Yes	Yes	Yes
Syrian Arab Republic	Damascus	40	15.0	-	32.6	52.4	Yes	Yes	Yes	No	No	No
Thailand	Bangkok	60	58.7	1.0	27.0	13.3	No	Yes	No	Yes	Yes	Yes
Thailand	Chiang Mai	30	94.1	-	5.0	0.9	Yes	No	No	No	Yes	No
Turkey	Ankara	32	20.0	6.3	..	15.9	Yes	Yes	No	No	Yes	No
Viet Nam	Hanoi	30	64.4	-	2.0	33.6	No	No	No	Yes	Yes	Yes
Viet Nam	Ho Chi Minh	25	74.0	-	2.0	24.0	No	No	No	Yes	Yes	Yes
Yemen	Sana'a	20	20.0	-	78.0	2.0	Yes	Yes	No	No	No	No
<b>EUROPE</b>												
Albania	Tirana	25	..	..	..	..	No	No	Yes	No	No	No
Belarus	Minsk	..	..	..	..	..	No	No	No	No	No	Yes
Bosnia and Herzegovina	Sarajevo	12	..	57.0	43.0	..	Yes	Yes	Yes	Yes	No	No
Bulgaria	Bourgas	32	6.0	0.1	61.0	33.0	Yes	Yes	Yes	Yes	Yes	Yes
Bulgaria	Sofia	32	21.0	26.0	53.0	-	Yes	Yes	Yes	Yes	Yes	Yes
Bulgaria	Troyan	22	18.0	-	44.0	38.0	Yes	Yes	No	Yes	Yes	Yes
Bulgaria	Veliko Tarnovo	30	2.4	-	45.8	51.8	Yes	Yes	No	Yes	Yes	Yes
Croatia	Zagreb	31	37.5	35.9	20.4	6.2	Yes	Yes	Yes	Yes	Yes	Yes
Czech Republic	Brno	25	25.0	29.0	21.0	25.0	Yes	Yes	Yes	Yes	No	Yes
Czech Republic	Prague	22	33.0	-	54.5	12.5	No	No	No	Yes	No	Yes
Estonia	Riik	..	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
Estonia	Tallin	35	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
Germany	Berlin	..	..	..	..	..	No	No	No	No	No	No
Germany	Cologne	..	..	..	..	..	No	No	No	No	No	No
Germany	Duisburg	..	..	..	..	..	No	No	No	No	No	No
Germany	Erfurt	..	..	..	..	..	No	No	No	No	No	No
Germany	Freiburg	..	..	..	..	..	No	No	No	No	No	No
Germany	Leipzig	..	..	..	..	..	No	No	No	No	No	No
Germany	Wiesbaden	..	..	..	..	..	No	No	No	No	No	No
Hungary	Budapest	..	..	..	..	..	Yes	No	Yes	No	No	No
Italy	Aversa	..	..	..	..	..	Yes	No	Yes	No	No	No
Latvia	Riga	..	..	..	..	..	Yes	No	Yes	Yes	Yes	Yes
Lithuania	Vilnius	37	22.3	29.1	23.2	25.5	No	No	No	Yes	Yes	Yes
Netherlands	Amsterdam	..	..	..	..	..	No	No	No	No	No	No
Netherlands	Eindhoven	..	..	..	..	..	No	No	No	No	No	No
Netherlands	Meppel	..	..	..	..	..	No	No	No	No	No	No
Poland	Bydgoszcz	18	42.5	10.5	24.0	..	No	No	Yes	Yes	Yes	Yes
Poland	Gdansk	20	43.0	32.9	23.4	0.7	Yes	Yes	Yes	Yes	Yes	Yes
Poland	Katowice	36	46.2	9.4	19.9	24.6	No	Yes	Yes	Yes	Yes	Yes
Poland	Poznan	25	33.0	30.0	21.0	16.0	Yes	Yes	No	Yes	Yes	Yes
Republ of Moldova	Chisinau	23	15.0	-	80.0	5.0	Yes	No	Yes	Yes	Yes	Yes
Russian Federation	Astrakhan	35	16.0	31.0	35.0	18.0	Yes	Yes	Yes	Yes	No	Yes
Russian Federation	Belgorod	25	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Kostroma	20	5.0	19.5	48.0	27.5	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Moscow	62	15.0	63.7	21.0	0.3	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Nizhny Novgorod	35	17.0	37.3	41.7	4.0	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Novomoscowsk	25	5.0	22.5	38.9	33.6	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Omsk	43	9.5	16.5	69.0	5.0	Yes	Yes	Yes	Yes	Yes	No
Russian Federation	Pushkin	15	6.0	-	60.2	33.8	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Surgut	57	1.5	-	81.0	17.5	No	No	No	Yes	Yes	Yes
Russian Federation	Veliky Novgorod	30	9.5	-	75.0	15.5	Yes	Yes	Yes	Yes	Yes	Yes
Serbia and Montenegro	Belgrade	40	12.5	18.8	53.0	..	Yes	No	Yes	No	No	No
Slovenia	Ljubljana	30	43.0	0.1	20.0	36.9	Yes	Yes	Yes	Yes	Yes	No
Spain	Madrid	32	60.0	-	16.0	24.0	Yes	Yes	Yes	No	No	No
Spain	Pamplona	..	..	..	..	..	Yes	Yes	No	Yes	No	Yes
Sweden	Amal	..	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
Sweden	Stockholm	28	35.1	34.5	13.8	16.6	Yes	Yes	Yes	Yes	Yes	Yes
Sweden	Umea	16	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
Switzerland	Basel	..	..	..	..	..	Yes	Yes	Yes	Yes	Yes	No
United Kingdom	Belfast	..	..	..	..	..	No	No	No	No	No	No
United Kingdom	Birmingham	20	73.9	1.4	9.1	15.6	No	No	No	No	No	No
United Kingdom	Cardiff	20	81.0	0.3	5.7	13.0	No	No	No	No	No	No
United Kingdom	Edinburgh	20	69.9	2.4	13.0	14.7	No	No	No	No	No	No
United Kingdom	London	24	..	..	..	..	No	No	No	No	No	No
United Kingdom	Manchester	19	71.8	1.9	8.1	18.0	No	No	No	No	No	No
<b>LATIN AMERICA AND THE CARIBBEAN</b>												
Argentina	Buenos Aires	42	33.5	16.4	42.2	..	Yes	Yes	Yes	Yes	No	Yes
Argentina	Comodoro Rivadavia	29	44.0	-	36.0	20.0	Yes	Yes	Yes	Yes	No	Yes
Argentina	Córdoba	32	26.5	2.9	40.9	..	Yes	Yes	Yes	Yes	Yes	Yes
Argentina	Rosario	22	..	..	..	..	No	Yes	Yes	Yes	No	No
Barbados	Bridgetown	..	..	..	..	..	Yes	Yes	Yes	Yes	Yes	No
Belize	Belize City	..	..	..	..	..	No	No	Yes	No	No	No
Bolivia	Santa Cruz de la Sierra	29	..	..	..	..	No	Yes	No	Yes	Yes	No
Brazil	Belém	..	..	..	..	..	No	No	No	No	No	No
Brazil	Icapui	30	6.0	-	1.0	93.0	Yes	No	No	No	No	No
Brazil	Maranguape	20	5.0	-	30.0	..	No	No	No	Yes	Yes	Yes
Brazil	Porto Alegre	..	..	..	..	..	Yes	Yes	Yes	Yes	No	Yes
Brazil	Recife	35	28.6	1.8	44.2	25.4	Yes	Yes	Yes	Yes	Yes	Yes
Brazil	Rio de Janeiro	..	..	..	..	..	Yes	Yes	Yes	Yes	No	Yes

Brazil	São Paulo	40	42.0	6.0	37.0	15.0	Yes	Yes	Yes	Yes	No	Yes
Chile	Gran Concepcion	35	19.6	-	56.5	23.9	Yes	Yes	Yes	Yes	No	Yes
Chile	Santiago de Chile	38	14.1	4.0	55.8	26.2	Yes	Yes	Yes	No	No	Yes
Chile	Tome	..	..	..	..	..	No	No	No	No	Yes	No
Chile	Valparaiso	..	42.0	19.0	36.0	3.0	No	No	No	No	No	No
Chile	Vina del mar	..	..	..	..	..	Yes	Yes	Yes	No	No	Yes
Colombia	Armenia	60	31.0	-	41.9	27.2	Yes	No	No	Yes	Yes	Yes
Colombia	Marinilla	15	14.3	-	18.4	67.3	Yes	Yes	Yes	Yes	Yes	Yes
Colombia	Medellin	35	21.9	4.8	33.1	40.2	Yes	Yes	Yes	Yes	Yes	No
Cuba	Baracoa	..	..	..	..	..	Yes	Yes	Yes	No	No	No
Cuba	Camaguey	60	2.5	-	2.1	95.4	Yes	Yes	Yes	No	No	No
Cuba	Cienfuegos	..	..	..	..	..	Yes	Yes	Yes	No	No	No
Cuba	Havana	..	6.5	1.0	57.1	35.4	Yes	Yes	Yes	No	No	No
Cuba	Pinar Del Rio	..	..	..	..	..	Yes	Yes	Yes	No	No	No
Cuba	Santa Clara	48	30.3	3.2	4.1	62.4	Yes	Yes	Yes	No	No	No
Dominican Republic	Santiago de los Caballeros	30	..	..	..	..	Yes	Yes	Yes	Yes	No	Yes
Ecuador	Ambato	..	..	..	..	..	Yes	Yes	No	Yes	Yes	Yes
Ecuador	Cuenca	25	..	..	..	..	Yes	Yes	No	No	No	Yes
Ecuador	Guayaquil	45	10.7	-	89.3	-	No	Yes	No	Yes	Yes	Yes
Ecuador	Manta	30	..	..	..	..	No	Yes	No	Yes	Yes	Yes
Ecuador	Puyo	15	..	..	..	..	No	No	No	Yes	No	Yes
Ecuador	Quito	33	..	..	..	..	Yes	Yes	No	Yes	Yes	No
Ecuador	Tena	5	..	..	..	..	Yes	Yes	No	Yes	Yes	Yes
El Salvador	San Salvador	..	29.0	..	..	2.0	Yes	Yes	Yes	No	No	No
Guatemala	Quetzaltenango	15	..	..	..	..	No	No	Yes	Yes	No	Yes
Jamaica	Kingston	..	..	..	..	..	Yes	Yes	Yes	No	No	No
Jamaica	Montego Bay	..	..	..	..	..	Yes	No	Yes	No	No	No
Mexico	Ciudad Juarez	23	51.3	-	23.7	25.0	No	Yes	Yes	Yes	No	Yes
Nicaragua	Leon	15	..	..	56.0	..	Yes	Yes	No	No	No	No
Panama	Colon	15	..	..	..	..	Yes	Yes	Yes	No	No	No
Paraguay	Asuncion	25	49.8	..	..	..	Yes	Yes	No	Yes	Yes	Yes
Peru	Cajamarca	20	22.0	..	20.0	58.0	Yes	Yes	No	No	No	No
Peru	Huanuco	20	17.5	..	45.0	..	No	Yes	No	Yes	No	No
Peru	Huaras	15	..	..	..	..	No	Yes	No	No	No	No
Peru	Iquitos	10	35.0	-	25.0	40.0	No	Yes	Yes	Yes	Yes	Yes
Peru	Lima	..	16.9	..	82.2	0.9	Yes	Yes	Yes	Yes	No	Yes
Peru	Tacna	25	37.5	..	66.0	1.0	Yes	Yes	Yes	No	No	Yes
Peru	Tumbes	20	25.0	..	..	5.0	Yes	Yes	No	Yes	Yes	Yes
Trinidad and Tobago	Port of Spain	..	56.2	-	43.8	-	No	No	No	No	No	No
Uruguay	Montevideo	45	26.9	-	59.6	13.5	No	No	Yes	Yes	No	Yes
<b>NORTHERN AMERICA</b>												
Canada	Hull	..	73.3	-	16.3	10.4	Yes	Yes	Yes	Yes	Yes	Yes
United States	Atlanta	26	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Birmingham-USA	23	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Boston	25	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Des Moines	18	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Hartford	21	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Minneapolis-St. Paul	21	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	New York	35	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Providence	19	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Salt Lake	20	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	San Jose	23	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Seattle	24	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Tampa	22	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
United States	Washington, DC	30	..	..	..	..	Yes	Yes	Yes	Yes	Yes	Yes
<b>OCEANIA</b>												
Samoa	Apia	..	..	..	..	..	Yes	No	Yes	No	Yes	No

Notes: \* Car = private car. Train = train, tram or ferry. Bus = bus or minibus. Other = motorcycle, bicycle and other non-motorized modes. When several modes of transport are used for a given trip, the following hierarchy is used to determine the principal mode: (1) train; (2) tram or ferry; (3) bus or minibus; (4) car; (5) taxi or motorcycle; (6) bicycle or other non-motorized modes. \*\* Responses (yes/no) to the following questions: In the city, are there: (A) building codes? (B) hazard mapping? (C) natural disaster insurance for public and private buildings? \*\*\* Responses (yes/no) to the following questions: (A) Has the city established a long-term strategic planning initiative for sustainable development, involving key partners? (B) Is this process institutionalized and/or has there been any legislative change to support cities to engage in sustainable development planning processes? (C) Is the city implementing local environmental action plans involving key partners?

Source: UN-Habitat (2002), *Global Urban Indicators Database 2 (1998 data)*.

## TABLE C.6

### Social Indicators, Selected Cities

		Households below the poverty line (%)	Life expectancy at birth (years)		Under-five mortality (%)	Gross school enrolment ratios (%)				Literacy rate (%)		
			Female	Male		Primary		Secondary		Female	Male	
						Female	Male	Female	Male			
<b>AFRICA</b>												
Algeria	Algiers	..	71.0	68.0	4.0	..	..	..	..	76.3	86.4	
Benin	Cotonou	35.0	60.6	55.9	8.2	74.3	78.3	27.7	39.2	70.0	94.0	
Benin	Parakou	35.0	62.2	58.0	10.1	74.3	120.3	26.5	39.3	54.0	79.0	
Benin	Porto-Novo	22.0	59.5	54.6	12.0	..	..	37.1	49.8	75.0	90.0	
Botswana	Gaborone	54.1	67.1	63.1	10.5	49.7	50.3	52.6	47.4	66.9	70.3	
Burkina Faso	Bobo-Dioulasso	12.2	..	..	21.0	..	..	..	..	..	..	
Burkina Faso	Koudougou	23.1	..	..	21.0	..	..	..	..	..	..	
Burkina Faso	Ouagadougou	12.2	..	..	21.0	..	..	..	..	..	..	
Burundi	Bujumbura	66.5	53.7	52.3	..	81.5	81.6	43.3	44.0	64.2	80.1	
Cameroon	Douala	19.7	..	..	15.0	..	..	..	..	..	..	

TABLE C.6

continued

		Gross school enrolment ratios (%)									
		Households below the poverty line (%)	Life expectancy at birth (years)		Under-five mortality (%)	Primary		Secondary		Literacy rate (%)	
			Female	Male		Female	Male	Female	Male	Female	Male
Cameroon	Yaounde	30.0	..	..	15.0	..	..	..	..	..	..
Central African Republic	Bangui	49.0	..	..	16.2	50.0	..	27.0	..	..	..
Chad	N'Djamena	..	50.0	48.0	17.2	64.4	45.6	16.5	8.0	..	..
Congo	Brazzaville	21.7	56.0	52.0	12.2	36.0	41.8	6.8	8.2	12.0	31.0
Congo	Pointe-Noire	25.0	56.0	52.0	14.3	26.4	26.6	28.1	23.8	15.0	28.0
Côte d'Ivoire	Abidjan	..	60.0	55.0	9.0	61.7	81.7	14.8	29.8	36.8	63.3
Côte d'Ivoire	Yamoussoukro	..	60.0	65.0	..	34.5	45.0	7.0	18.1	36.8	63.3
Dem. Rep. of Congo	Kinshasa	22.9	51.0	50.0	14.1	36.0	48.7	9.2	21.9	..	..
Egypt	Ismailia	9.7	67.7	66.6	3.6	47.6	52.4	49.2	50.8	78.1	89.6
Egypt	Tanta	..	..	..	5.6	48.5	51.5	51.0	49.0	..	..
Ethiopia	Addis Ababa	..	61.5	57.8	17.1	83.5	86.1	44.1	53.0	..	..
Gabon	Libreville	30.0	56.5	53.3	14.4	72.9	86.0	72.9	86.0	60.5	80.3
Gabon	Port-Gentil	30.0	56.5	53.3	14.0	..	..	..	..	60.5	80.3
Gambia	Banjul	40.0	57.0	54.0	..	56.3	64.2	..	..	37.0	63.0
Ghana	Accra	..	69.0	66.2	9.6	..	..	..	..	74.5	87.3
Ghana	Kumasi	26.0	69.0	66.2	9.6	..	..	..	..	74.5	87.3
Guinea	Conakry	9.0	41.0	46.0	..	63.8	82.3	..	..	..	..
Kenya	Kisumu	58.2	66.3	62.8	12.4	..	..	..	..	81.4	91.7
Kenya	Mombasa	33.5	..	..	12.4	..	..	..	..	..	..
Kenya	Nairobi	46.6	60.9	57.6	12.4	..	..	..	..	..	..
Lesotho	Maseru	..	52.3	47.7	..	76.0	67.0	76.0	70.0	..	..
Liberia	Monrovia	..	53.0	50.0	..	72.5	72.9	..	..	26.0	40.0
Libyan Arab Jamahiriya	Tripoli	..	71.0	69.0	2.7	..	..	..	..	72.8	89.6
Madagascar	Antananarivo	54.2	0.6	0.6	13.9	64.0	67.0	..	..	..	..
Malawi	Lilongwe	..	44.6	41.4	22.9	..	..	..	..	31.0	52.0
Mali	Bamako	16.2	58.7	55.3	..	41.0	59.0	35.0	65.0	71.2	71.2
Mauritania	Nouakchott	25.0	54.3	52.3	14.8	83.5	87.6	14.2	19.2	..	..
Morocco	Casablanca	11.9	74.4	70.1	6.1	..	..	..	..	..	..
Morocco	Rabat	11.7	74.0	70.0	6.1	..	..	..	..	..	..
Mozambique	Maputo	47.8	61.7	54.6	..	132.8	136.7	26.2	27.0	77.4	92.9
Namibia	Windhoek	..	..	..	6.5	52.0	48.0	52.5	47.5	67.0	66.0
Niger	Maradi	..	56.0	55.0	25.0	..	..	..	..	..	..
Niger	Niamey	..	56.0	55.0	25.0	..	..	..	..	53.0	67.0
Nigeria	Ibadan	53.0	55.5	52.0	11.9	..	..	..	..	13.1	17.2
Nigeria	Lagos	53.0	55.5	52.0	11.9	..	..	..	..	13.1	17.2
Rwanda	Kigali	65.0	50.0	47.0	..	50.0	71.0	..	..	45.0	57.0
Senegal	Bignona	65.0	58.2	60.2	..	92.0	105.6	..	..	23.7	44.7
Senegal	Dakar	38.2	58.2	60.2	..	86.0	88.9	..	..	47.7	74.7
Senegal	Thies	48.7	58.2	60.2	..	59.4	78.8	..	..	23.7	44.7
South Africa	Durban	..	..	..	..	..	..	..	..	..	..
South Africa	East Rand	..	..	..	..	..	..	..	..	..	..
South Africa	Port Elizabeth	..	..	..	3.7	..	..	..	..	..	..
Togo	Lome	20.0	60.0	54.0	14.4	52.0	55.0	..	..	75.0	94.0
Togo	Sokode	33.0	53.0	51.0	9.5	75.9	90.3	..	..	50.0	74.0
Tunisia	Tunis	..	74.2	70.6	3.2	47.2	52.8	50.2	49.8	59.2	80.0
Uganda	Entebbe	..	..	..	17.0	43.0	53.0	53.0	45.0	93.6	98.0
Uganda	Jinja	..	51.0	47.0	17.0	94.0	95.0	51.0	76.0	53.0	77.0
Zimbabwe	Bulawayo	..	..	..	12.5	..	..	..	..	..	..
Zimbabwe	Chegutu	..	..	..	12.5	..	..	..	..	..	..
Zimbabwe	Gweru	..	..	..	12.5	..	..	..	..	..	..
Zimbabwe	Harare	..	..	..	12.5	..	..	48.6	54.4	..	..
Zimbabwe	Mutare	..	..	..	12.5	..	..	..	..	..	..
<b>ASIA</b>											
Armenia	Yerevan	58.2	76.2	69.3	1.5	..	..	..	..	100.0	100.0
Bangladesh	Chittagong	..	..	..	9.6	93.0	94.0	..	..	..	..
Bangladesh	Dhaka	44.3	60.9	61.7	9.6	77.9	80.4	62.3	65.9	60.3	60.3
Bangladesh	Sylhet	..	..	..	9.6	93.6	86.9	..	..	..	..
Bangladesh	Tangail	50.0	..	..	9.6	..	..	..	..	..	..
Cambodia	Phnom Penh	16.4	69.0	64.0	11.5	74.1	82.2	8.3	12.7	57.0	79.5
Georgia	Tbilisi	54.7	76.8	68.5	..	..	..	..	..	99.0	99.0
India	Alwar	..	..	..	..	..	..	..	..	..	..
India	Bangalore	18.6	..	..	4.9	..	..	..	..	..	..
India	Chennai	20.5	68.5	65.0	3.7	49.5	50.5	50.7	49.3	69.0	72.0
India	Delhi	16.0	..	..	2.6	..	..	..	..	76.0	91.0
India	Mysore	18.8	..	..	..	96.1	93.6	69.7	74.3	..	..
Indonesia	Bandung	2.0	..	..	4.0	..	..	..	..	..	..
Indonesia	Jakarta	6.6	..	..	2.4	97.6	98.9	95.7	..	97.3	99.2
Indonesia	Semarang	24.8	..	..	3.9	98.1	97.7	92.9	..	91.4	97.5
Indonesia	Surabaya	0.9	..	..	3.9	..	..	..	..	..	..
Iraq	Baghdad	..	..	..	12.5	..	..	..	..	..	..
Japan	Tokyo	0.0	84.1	77.5	3.9	100.0	100.0	100.0	100.0	100.0	100.0
Jordan	Amman	17.7	71.3	68.6	2.9	91.2	91.7	63.4	62.4	86.9	95.5
Kazakhstan	Astana	18.8	74.0	63.0	0.5	..	..	89.0	94.0	100.0	100.0
Kuwait	Kuwait	6.9	72.0	70.0	1.3	..	..	..	..	78.6	85.4
Kyrgyzstan	Bishkek	51.0	71.2	63.1	4.4	..	..	..	..	96.2	98.4
Lao PDR	Vientiane	19.0	..	..	7.5	52.7	47.4	54.9	45.2	78.9	92.2
Lebanon	Sin El Fil	..	..	..	3.2	..	..	..	..	..	..
Malaysia	Penang	6.1	74.6	69.6	0.7	..	..	..	..	82.0	91.0

Mongolia	Ulaanbaatar	30.0	63.9	59.7	4.3	100.0	100.0	74.2	64.7	97.1	99.1
Myanmar	Yangon	..	64.6	60.6	7.2	99.8	92.2	57.7	53.3	88.7	90.6
Nepal	Butwal	..	57.8	60.5	..	49.7	53.7	85.3	74.3	25.6	58.8
Nepal	Pokhara	20.0	50.0	55.0	2.1	88.0	83.3	35.4	26.6	42.0	66.2
Occupied Palestine Territory	Gaza	38.0	73.1	69.9	..	21.5	24.4	22.1	21.8	76.9	90.4
Oman	Muscat	..	72.0	70.0	2.5	..	..	..	..	..	..
Pakistan	Karachi	35.0	65.0	63.0	12.0	58.7	60.9	67.3	70.6	64.2	72.0
Pakistan	Lahore	28.0	65.0	63.0	6.3	66.2	68.5	73.3	71.9	65.1	72.7
Philippines	Cebu	..	71.6	67.6	3.8	..	..	..	..	..	..
Qatar	Doha	..	..	..	..	..	..	..	..	..	..
Republic of Korea	Hanam	1.5	65.9	77.7	0.2	98.8	97.9	99.9	99.9	..	..
Republic of Korea	Pusan	2.1	65.9	77.7	0.8	95.9	94.9	99.7	99.8	..	..
Republic of Korea	Seoul	1.1	65.9	77.7	0.2	98.8	97.9	99.9	99.9	..	..
Singapore	Singapore	4.0	79.2	75.0	..	93.0	100.0	100.0	100.0	89.2	96.8
Sri Lanka	Colombo	18.0	..	..	..	..	..	..	..	..	..
Syrian Arab Republic	Damascus	..	..	..	3.2	46.0	62.0	..	..	89.0	96.0
Thailand	Bangkok	15.9	79.0	76.0	3.3	..	..	..	..	95.1	98.4
Thailand	Chiang Mai	9.7	71.0	66.0	3.3	..	..	..	..	90.0	93.0
Turkey	Ankara	14.9	..	..	4.2	..	..	..	..	..	..
Viet Nam	Hanoi	2.1	69.6	64.9	4.2	..	..	..	..	89.0	95.1
Viet Nam	Ho Chi Minh	10.6	69.6	64.9	4.2	..	..	..	..	89.5	95.1
Yemen	Sana'a	..	..	..	9.6	..	..	..	..	..	..

**EUROPE**

Albania	Tirana	18.7	76.0	70.0	..	48.4	51.6	48.0	52.0	50.1	49.9
Belarus	Minsk	17.9	76.0	65.1	1.0	..	..	..	..	..	..
Bosnia and Herzegovina	Sarajevo	..	..	..	1.4	..	..	..	..	..	..
Bulgaria	Bourgas	..	74.8	67.9	1.0	..	..	..	..	99.0	99.0
Bulgaria	Sofia	55.0	74.3	67.1	1.3	..	..	..	..	99.5	99.8
Bulgaria	Troyan	6.4	74.5	67.6	0.5	100.0	100.0	100.0	100.0	99.8	..
Bulgaria	Veliko Tarnovo	..	74.3	67.1	1.5	..	..	..	..	..	..
Croatia	Zagreb	2.5	77.0	68.0	..	..	..	..	..	99.5	99.9
Czech Republic	Brno	11.0	77.6	70.8	0.6	..	..	..	..	100.0	100.0
Czech Republic	Prague	1.1	78.1	71.1	0.6	100.0	100.0	96.7	99.5	99.7	99.7
Estonia	Riik	3.6	76.0	64.7	..	100.0	100.0	100.0	100.0	100.0	100.0
Estonia	Tallin	1.9	73.8	62.5	..	100.0	100.0	100.0	100.0	100.0	100.0
Germany	Berlin	15.8	..	..	0.1	78.4	87.7	..	..	..	..
Germany	Cologne	11.2	..	..	0.1	80.6	87.9	..	..	..	..
Germany	Duisburg	11.2	..	..	0.1	69.9	85.6	..	..	..	..
Germany	Erfurt	6.8	..	..	0.3	..	..	88.9	88.3	..	..
Germany	Freiburg	8.5	..	..	0.1	..	..	95.2	96.5	..	..
Germany	Leipzig	11.2	..	..	0.1	69.9	85.6	..	..	..	..
Germany	Wiesbaden	6.3	..	..	0.1	..	..	81.2	89.0	..	..
Hungary	Budapest	..	75.5	67.9	0.9	..	..	..	..	..	..
Italy	Aversa	14.2	..	..	0.6	..	..	..	..	..	..
Latvia	Riga	..	75.9	65.2	1.4	..	..	..	..	99.7	100.0
Lithuania	Vilnius	16.0	76.9	66.5	1.1	..	..	..	..	..	..
Netherlands	Amsterdam	..	..	..	1.0	..	..	..	..	100.0	100.0
Netherlands	Eindhoven	..	..	..	..	..	..	..	..	100.0	100.0
Netherlands	Meppel	..	..	..	..	..	..	..	..	100.0	100.0
Poland	Bydgoszcz	8.0	76.5	68.8	1.4	98.0	98.8	91.0	90.0	99.0	99.0
Poland	Gdansk	4.9	77.0	69.0	0.6	99.4	99.4	100.0	100.0	99.9	99.9
Poland	Katowice	3.6	76.6	67.8	1.2	100.0	100.0	100.0	87.7	99.5	98.5
Poland	Poznan	5.9	76.7	69.3	0.8	99.7	99.3	96.3	97.8	99.9	99.9
Republi of Moldova	Chisinau	..	..	..	2.2	..	..	..	..	..	..
Russian Federation	Astrakhan	34.4	72.6	60.0	2.6	100.0	99.0	98.0	93.0	97.4	99.6
Russian Federation	Belgorod	19.9	75.4	64.5	1.5	99.0	99.0	100.0	100.0	97.9	99.8
Russian Federation	Kostroma	26.7	73.0	61.5	2.0	100.0	98.0	100.0	100.0	98.8	99.8
Russian Federation	Moscow	17.6	73.8	62.8	1.6	100.0	100.0	100.0	100.0	97.6	99.7
Russian Federation	Nizhny Novgorod	21.5	73.7	61.4	1.6	100.0	99.0	100.0	100.0	98.2	99.8
Russian Federation	Novomoscowsk	23.0	71.2	58.1	1.9	100.0	100.0	100.0	100.0	96.7	99.4
Russian Federation	Omsk	25.2	73.7	63.0	1.8	100.0	100.0	100.0	100.0	97.6	99.7
Russian Federation	Pushkin	27.2	74.4	63.8	1.4	100.0	100.0	100.0	100.0	99.4	99.9
Russian Federation	Surgut	15.3	74.3	63.4	1.5	100.0	99.0	100.0	98.0	97.3	99.5
Russian Federation	Veliky Novgorod	18.8	71.9	57.9	1.4	100.0	100.0	100.0	100.0	98.9	99.9
Serbia and Montenegro	Belgrade	48.0	74.5	68.8	1.3	98.7	97.5	94.0	89.0	97.9	99.6
Slovenia	Ljubljana	5.5	78.0	71.0	0.7	94.7	94.6	94.0	89.5	100.0	100.0
Spain	Madrid	9.9	82.7	75.2	0.6	100.0	100.0	98.3	98.1	98.1	99.3
Spain	Pamplona	3.9	..	..	0.7	100.0	100.0	87.4	88.1	99.3	99.6
Sweden	Amal	3.4	81.2	75.5	0.5	100.0	100.0	..	..	..	..
Sweden	Stockholm	5.6	75.8	81.4	0.5	100.0	100.0	..	..	..	..
Sweden	Umea	4.6	81.5	76.7	0.5	100.0	100.0	..	..	..	..
Switzerland	Basel	7.1	82.5	76.5	..	..	..	..	..	..	..
United Kingdom	Belfast	..	..	..	0.5	100.0	100.0	100.0	100.0	..	..
United Kingdom	Birmingham	..	..	..	0.9	100.0	100.0	100.0	100.0	78.0	80.0
United Kingdom	Cardiff	..	..	..	0.8	100.0	100.0	100.0	100.0	77.0	75.0
United Kingdom	Edinburgh	..	..	..	0.7	100.0	100.0	100.0	100.0	78.0	76.0
United Kingdom	London	..	..	..	0.7	100.0	100.0	100.0	100.0	78.0	80.0
United Kingdom	Manchester	..	..	..	0.8	100.0	100.0	100.0	100.0	78.0	80.0

**LATIN AMERICA AND THE CARIBBEAN**

Argentina	Buenos Aires	4.4	..	..	4.2	..	..	..	..	..	..
Argentina	Comodoro Rivadavia	17.6	74.0	67.3	..	..	..	..	..	97.8	98.4
Argentina	Córdoba	26.8	78.7	71.6	4.0	..	..	..	..	..	..
Argentina	Rosario	27.2	75.7	71.7	0.3	98.8	99.1	..	..	98.0	98.0
Barbados	Bridgetown	9.0	..	..	..	..	..	..	..	..	..
Belize	Belize City	18.8	71.8	68.2	3.2	69.9	79.2	67.9	58.8	75.0	75.0
Bolivia	Santa Cruz de la Sierra	40.1	67.7	64.2	7.8	86.8	92.0	51.0	52.5	..	..
Brazil	Belém	..	..	..	4.0	..	..	..	..	..	..
Brazil	Icapui	..	..	..	4.0	30.2	27.9	4.9	2.9	12.0	9.8
Brazil	Maranguape	40.5	..	..	4.0	..	..	..	..	..	..

TABLE C.6

continued

		Households below the poverty line (%)	Life expectancy at birth (years)		Under-five mortality (%)	Gross school enrolment ratios (%)				Literacy rate (%)	
			Female	Male		Primary		Secondary		Female	Male
						Female	Male	Female	Male		
Brazil	Porto Alegre	..	76.2	66.2	4.0	92.3	93.0	57.4	51.0	..	..
Brazil	Recife	44.4	..	..	5.8	..	..	..	..	86.7	89.6
Brazil	Rio de Janeiro	17.0	..	..	4.0	..	..	..	..	..	..
Brazil	São Paulo	6.5	76.2	67.3	2.0	..	..	..	..	92.2	94.7
Chile	Gran Concepcion	19.8	78.4	72.4	1.4	..	..	..	..	..	..
Chile	Santiago de Chile	4.7	..	..	..	..	..	..	..	..	..
Chile	Tome	16.9	..	..	1.2	..	..	..	..	..	..
Chile	Valparaiso	18.2	..	..	..	49.6	51.0	51.3	47.2	..	..
Chile	Vina del mar	11.6	..	..	..	..	..	..	..	..	..
Colombia	Armenia	17.9	65.4	72.6	3.2	47.3	52.7	46.4	53.6	8.0	12.0
Colombia	Marinilla	31.3	71.3	64.0	2.8	41.8	43.3	35.9	31.2	81.0	77.0
Colombia	Medellin	..	72.5	62.5	..	95.9	94.0	98.0	85.8	..	..
Cuba	Baracoa	..	..	..	0.9	..	..	..	..	..	..
Cuba	Camaguey	..	..	..	0.9	..	..	..	..	..	..
Cuba	Cienfuegos	..	..	..	0.9	..	..	..	..	..	..
Cuba	Havana	..	..	..	0.9	..	..	..	..	..	..
Cuba	Pinar Del Rio	..	78.0	74.0	6.5	..	..	..	..	..	..
Cuba	Santa Clara	..	..	..	0.9	..	..	..	..	..	..
Dominican Republic	Santiago de los Caballeros	40.0	..	..	6.1	..	..	..	..	..	..
Ecuador	Ambato	..	..	..	3.7	..	..	..	..	..	..
Ecuador	Cuenca	..	75.0	66.1	..	94.6	97.5	64.5	67.7	93.2	97.5
Ecuador	Guayaquil	48.0	71.2	67.4	3.7	98.8	98.9	75.3	68.6	97.8	98.2
Ecuador	Manta	25.0	68.0	64.0	4.3	..	..	..	..	..	..
Ecuador	Puyo	..	50.3	61.0	3.7	..	..	..	..	..	..
Ecuador	Quito	11.5	77.1	71.7	3.7	100.0	100.0	94.2	97.3	95.6	..
Ecuador	Tena	..	64.8	56.6	3.7	..	..	..	..	..	..
El Salvador	San Salvador	27.4	74.7	70.1	3.2	..	..	..	..	..	..
Guatemala	Quetzaltenango	..	67.2	62.9	4.6	..	..	..	..	..	..
Jamaica	Kingston	10.1	..	..	2.4	..	..	..	..	..	..
Jamaica	Montego Bay	13.4	..	..	2.4	..	..	..	..	..	..
Mexico	Ciudad Juarez	70.0	75.0	70.0	4.9	..	..	..	..	..	..
Nicaragua	Leon	28.3	..	..	3.5	..	..	..	..	..	..
Panama	Colon	21.3	75.0	69.6	2.5	..	..	..	..	..	..
Paraguay	Asuncion	9.8	72.0	67.5	2.6	..	..	..	..	89.3	93.0
Peru	Cajamarca	60.0	68.0	70.0	5.0	..	..	..	..	..	..
Peru	Huanuco	..	..	..	5.5	..	..	..	..	..	..
Peru	Huaras	..	82.0	75.0	4.7	..	..	..	..	..	..
Peru	Iquitos	46.3	67.5	62.4	5.0	39.7	36.0	37.0	41.0	41.1	48.4
Peru	Lima	..	80.0	74.0	4.7	..	..	..	..	..	..
Peru	Tacna	14.7	70.9	65.9	..	49.0	51.1	49.8	50.2	92.0	92.0
Peru	Tumbes	26.0	75.0	80.0	3.7	..	..	..	..	..	..
Trinidad and Tobago	Port of Spain	..	..	..	2.8	..	..	..	..	89.8	85.8
Uruguay	Montevideo	15.4	76.1	68.6	1.9	100.0	100.0	100.0	93.9	98.3	98.6
<b>NORTHERN AMERICA</b>											
Canada	Hull	..	81.4	75.7	0.1	..	..	..	..	..	..
United States	Atlanta	11.0	..	..	0.2	..	..	..	..	..	..
United States	Birmingham-USA	13.2	..	..	0.3	..	..	..	..	..	..
United States	Boston	9.3	..	..	0.1	..	..	..	..	..	..
United States	Des Moines	8.2	..	..	0.2	..	..	..	..	..	..
United States	Hartford	9.3	..	..	0.2	..	..	..	..	..	..
United States	Minneapolis-St. Paul	7.7	..	..	0.2	..	..	..	..	..	..
United States	New York	20.4	..	..	0.2	..	..	..	..	..	..
United States	Providence	11.5	..	..	0.2	..	..	..	..	..	..
United States	Salt Lake	8.9	..	..	0.2	..	..	..	..	..	..
United States	San Jose	9.0	..	..	0.1	..	..	..	..	..	..
United States	Seattle	7.8	..	..	0.1	..	..	..	..	..	..
United States	Tampa	13.6	..	..	0.2	..	..	..	..	..	..
United States	Washington, DC	8.2	..	..	0.2	..	..	..	..	..	..
<b>OCEANIA</b>											
Samoa	Apia	38.9	71.9	65.4	1.9	92.7	95.5	89.6	76.0	98.9	99.1

Source: UN-Habitat (2002), Global Urban Indicators Database 2 (1998 data).





TABLE C.7

continued

		Local government				Transparency and accountability**				Participation of civil society involvement***		
		Decentralization*		Revenue	Expenditures	A	B	C	D	A	B	C
		A	B	(US\$ per capita)								
Indonesia	Semarang	None	None	23.0	19.6	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Indonesia	Surabaya	Some	Some	15.0	32.0	Yes	Yes	Yes	Yes	No	Yes	Yes
Iraq	Baghdad	None	None	..	..	No	No	No	No	No	No	No
Japan	Tokyo	Some	Some	807.2	804.5	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Jordan	Amman	None	None	56.7	56.7	Yes	Yes	Yes	No	No	Yes	No
Kazakhstan	Astana	None	All	..	..	No	Yes	Yes	Yes	No	No	No
Kuwait	Kuwait	None	None	..	..	Yes	Yes	Yes	Yes	No	No	No
Kyrgyzstan	Bishkek	All	Some	671.4	571.2	No	Yes	Yes	Yes	Yes	No	Yes
Lao People's Dem. Rep.	Vientiane	Some	Some	..	..	Yes	Yes	Yes	No	Yes	Yes	Yes
Lebanon	Sin El Fil	None	None	..	..	Yes	Yes	Yes	Yes	No	No	No
Malaysia	Penang	Some	Some	..	..	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mongolia	Ulaanbaatar	Some	All	4.4	5.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Myanmar	Yangon	Some	Some	..	..	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nepal	Butwal	All	All	..	..	Yes	Yes	Yes	No	Yes	No	Yes
Nepal	Pokhara	All	All	..	..	Yes	Yes	Yes	No	Yes	No	Yes
Occupied Palestine Territory	Gaza	None	None	..	..	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Oman	Muscat	None	None	5.4	6.5	Yes	Yes	Yes	Yes	Yes	No	No
Pakistan	Karachi	None	None	104.4	105.7	Yes	Yes	No	No	No	No	No
Pakistan	Lahore	None	None	37.7	38.4	Yes	Yes	No	No	No	No	No
Philippines	Cebu	All	All	4.1	3.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Qatar	Doha	None	None	..	..	No	No	No	No	No	No	No
Republic of Korea	Hanam	Some	All	458.0	716.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Republic of Korea	Pusan	Some	All	744.0	469.3	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Republic of Korea	Seoul	Some	All	865.1	742.2	Yes	Yes	Yes	No	Yes	Yes	Yes
Singapore	Singapore	None	None	4637.9	3725.0	Yes	Yes	Yes	Yes	No	Yes	Yes
Sri Lanka	Colombo	Some	Some	2.2	1.6	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Syrian Arab Republic	Damascus	All	All	..	..	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Thailand	Bangkok	Some	Some	108.1	96.4	Yes	Yes	No	Yes	Yes	Yes	Yes
Thailand	Chiang Mai	Some	Some	106.3	105.2	No	No	No	No	No	Yes	No
Turkey	Ankara	None	Some	173.4	173.4	Yes	Yes	Yes	No	No	No	No
Viet Nam	Hanoi	Some	Some	309.8	59.6	No	Yes	Yes	Yes	Yes	Yes	Yes
Viet Nam	Ho Chi Minh	Some	Some	266.0	260.0	No	Yes	Yes	Yes	No	No	Yes
Yemen	Sana'a	None	None	110.0	138.0	Yes	Yes	Yes	Yes	No	No	No
<b>EUROPE</b>												
Albania	Tirana	Some	None	..	..	No	No	No	No	No	No	No
Belarus	Minsk	..	..	..	..	No	No	No	No	No	No	No
Bosnia and Herzegovina	Sarajevo	All	Some	490.4	479.1	Yes	Yes	Yes	No	Yes	Yes	Yes
Bulgaria	Burgas	None	Some	150.9	150.9	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bulgaria	Sofia	All	Some	..	..	No	No	No	No	Yes	Yes	Yes
Bulgaria	Troyan	Some	None	..	..	Yes	Yes	No	No	Yes	Yes	Yes
Bulgaria	Veliko Tarnovo	All	Some	..	..	Yes	Yes	Yes	Yes	No	No	Yes
Croatia	Zagreb	Some	Some	..	..	Yes	Yes	Yes	Yes	No	No	Yes
Czech Republic	Brno	Some	Some	..	..	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Czech Republic	Prague	Some	Some	..	..	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Estonia	Riik	All	All	..	..	No	No	No	No	No	No	No
Estonia	Tallin	All	All	316.4	298.8	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Germany	Berlin	..	..	..	..	No	No	No	No	No	No	No
Germany	Cologne	..	..	3531.0	3599.0	No	No	No	No	No	No	No
Germany	Duisburg	..	..	3273.0	3476.0	No	No	No	No	No	No	No
Germany	Erfurt	..	..	2552.0	2550.0	No	No	No	No	No	No	No
Germany	Freiburg	..	..	2803.0	2884.0	No	No	No	No	No	No	No
Germany	Leipzig	..	..	3273.0	3476.0	No	No	No	No	No	No	No
Germany	Wiesbaden	..	..	3609.0	3837.0	No	No	No	No	No	No	No
Hungary	Budapest	..	..	..	..	No	No	No	No	No	No	No
Italy	Aversa	Some	Some	..	..	Yes	Yes	Yes	Yes	No	No	No
Latvia	Riga	Some	All	233.0	218.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lithuania	Vilnius	Some	Some	253.6	249.2	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Netherlands	Amsterdam	None	None	..	..	No	No	No	No	No	No	No
Netherlands	Eindhoven	..	..	..	..	No	No	No	No	No	No	No
Netherlands	Meppel	..	..	..	..	No	No	No	No	No	No	No
Poland	Bydgoszcz	All	All	339.1	377.1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Poland	Gdansk	All	All	452.0	479.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Poland	Katowice	Some	Some	437.0	431.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Poland	Poznan	All	All	476.6	510.6	Yes	Yes	Yes	Yes	No	No	Yes
Republi of Moldova	Chisinau	Some	All	15.9	..	Yes	No	No	Yes	Yes	No	Yes
Russian Federation	Astrakhan	Some	Some	126.0	10.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Belgorod	Some	Some	131.0	8.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Kostroma	Some	Some	180.0	7.0	No	No	No	No	No	No	No
Russian Federation	Moscow	Some	Some	596.0	116.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Nizhny Novgorod	Some	Some	236.0	14.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Novomoscowsk	Some	Some	151.0	11.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Omsk	Some	Some	205.0	8.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Pushkin	Some	Some	..	..	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Surgut	Some	Some	923.0	97.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Russian Federation	Veliky Novgorod	Some	Some	212.0	21.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Serbia and Montenegro	Belgrade	None	None	178.6	180.2	No	Yes	Yes	Yes	No	No	No
Slovenia	Ljubljana	Some	Some	176.9	142.1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spain	Madrid	Some	Some	547.0	547.0	Yes	Yes	Yes	No	Yes	Yes	Yes

Spain	Pamplona	Some	Some	546.7	483.5	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sweden	Amal	All	All	4835.0	4790.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sweden	Stockholm	All	All	5450.0	5602.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sweden	Umea	All	All	4942.0	4835.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switzerland	Basel	Some	All	..	..	No	Yes	Yes	Yes	Yes	Yes	Yes
United Kingdom	Belfast	..	..	..	..	No	No	No	No	No	No	No
United Kingdom	Birmingham	None	None	..	..	No	No	No	No	No	No	No
United Kingdom	Cardiff	..	..	..	..	No	No	No	No	No	No	No
United Kingdom	Edinburgh	..	..	..	..	No	No	No	No	No	No	No
United Kingdom	London	..	..	..	..	No	No	No	No	No	No	No
United Kingdom	Manchester	..	..	..	..	No	No	No	No	No	No	No
<b>LATIN AMERICA AND THE CARIBBEAN</b>												
Argentina	Buenos Aires	All	All	243.1	258.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Argentina	Comodoro Rivadavia	All	All	332.0	30.0	Yes	Yes	Yes	Yes	No	No	Yes
Argentina	Córdoba	All	All	256.4	267.2	Yes	Yes	Yes	Yes	No	No	No
Argentina	Rosario	None	Some	809.0	802.7	Yes	Yes	Yes	Yes	Yes	No	Yes
Barbados	Bridgetown	..	..	..	..	No	No	No	No	No	No	No
Belize	Belize City	..	..	..	..	Yes	Yes	Yes	Yes	No	No	No
Bolivia	Santa Cruz de la Sierra	None	None	64.4	29.3	Yes	Yes	Yes	Yes	No	No	Yes
Brazil	Belém	..	..	185.9	186.7	No	Yes	Yes	No	Yes	Yes	Yes
Brazil	Icapui	Some	Some	918.1	..	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Brazil	Maranguape	None	Some	133.8	140.9	No	Yes	Yes	Yes	Yes	Yes	Yes
Brazil	Porto Alegre	All	All	134.4	17.4	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Brazil	Recife	Some	Some	334.8	40.3	Yes	Yes	Yes	No	Yes	Yes	Yes
Brazil	Rio de Janeiro	Some	Some	50.5	142.6	Yes	Yes	Yes	No	Yes	No	Yes
Brazil	São Paulo	All	All	446.1	102.7	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Chile	Gran Concepcion	None	Some	115.9	..	Yes	Yes	Yes	No	No	Yes	No
Chile	Santiago de Chile	Some	All	..	..	Yes	Yes	Yes	Yes	No	Yes	No
Chile	Tome	None	Some	66.3	72.4	No	Yes	Yes	No	No	Yes	No
Chile	Valparaiso	Some	All	105.8	105.9	Yes	Yes	Yes	No	Yes	No	Yes
Chile	Vina del mar	Some	Some	71.6	66.1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Colombia	Armenia	All	Some	102.9	39.2	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Colombia	Marinilla	All	All	30.7	27.3	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Colombia	Medellín	Some	All	403.4	154.0	Yes	Yes	Yes	No	No	No	No
Cuba	Baracoa	Some	Some	..	..	No	No	Yes	No	Yes	Yes	Yes
Cuba	Camaguey	Some	Some	..	..	No	No	Yes	No	Yes	Yes	Yes
Cuba	Cienfuegos	Some	Some	..	..	No	No	Yes	No	Yes	Yes	Yes
Cuba	Havana	Some	Some	..	..	No	No	Yes	No	Yes	Yes	Yes
Cuba	Pinar Del Rio	Some	Some	..	..	No	No	No	No	No	No	No
Cuba	Santa Clara	Some	Some	..	..	No	No	Yes	No	Yes	Yes	Yes
Dominican Republic	Santiago de los Caballeros	..	..	82.2	82.3	No	Yes	No	No	No	No	No
Ecuador	Ambato	None	All	9.0	8.4	Yes	Yes	Yes	Yes	No	No	No
Ecuador	Cuenca	..	All	37.9	12.4	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ecuador	Guayaquil	None	All	87.3	43.6	Yes	Yes	Yes	No	Yes	No	Yes
Ecuador	Manta	All	All	22.3	0.5	No	No	Yes	Yes	No	No	No
Ecuador	Puyo	None	All	18.7	21.7	Yes	Yes	Yes	Yes	No	No	Yes
Ecuador	Quito	None	All	102.1	48.8	Yes	Yes	Yes	Yes	No	No	No
Ecuador	Tena	None	All	17.4	23.8	Yes	Yes	Yes	No	No	Yes	Yes
El Salvador	San Salvador	..	..	..	..	No	No	No	No	No	No	No
Guatemala	Quetzaltenango	None	All	..	..	Yes	Yes	Yes	Yes	No	No	Yes
Jamaica	Kingston	Some	Some	58.6	..	No	No	No	No	No	No	No
Jamaica	Montego Bay	..	..	..	..	No	No	No	No	No	No	No
Mexico	Ciudad Juarez	None	None	67.6	22.9	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nicaragua	Leon	..	..	..	..	No	No	No	No	No	No	No
Panama	Colon	Some	Some	5.5	0.3	No	Yes	Yes	No	No	No	No
Paraguay	Asuncion	None	All	87.0	13.0	Yes	Yes	Yes	No	Yes	Yes	Yes
Peru	Cajamarca	All	Some	18.3	18.3	Yes	Yes	Yes	No	Yes	Yes	Yes
Peru	Huanuco	None	Some	4.9	1.7	Yes	Yes	Yes	No	No	No	Yes
Peru	Huaras	None	Some	44.9	17.0	Yes	Yes	Yes	Yes	No	No	No
Peru	Iquitos	All	Some	9.4	5.5	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Peru	Lima	None	Some	63.4	11.5	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Peru	Tacna	None	Some	2.6	2.7	Yes	Yes	Yes	Yes	No	No	No
Peru	Tumbes	..	..	..	..	No	Yes	Yes	No	No	No	No
Trinidad and Tobago	Port of Spain	..	..	..	..	No	No	No	No	No	No	No
Uruguay	Montevideo	Some	Some	230.0	56.0	Yes	Yes	Yes	No	Yes	No	Yes
<b>NORTHERN AMERICA</b>												
Canada	Hull	All	All	1113.0	1098.0	Yes	Yes	No	Yes	Yes	Yes	Yes
United States	Atlanta	All	All	1902.0	553.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Birmingham-USA	All	All	1427.0	234.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Boston	All	All	2668.0	701.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Des Moines	All	All	1854.0	424.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Hartford	All	All	2442.0	276.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Minneapolis-St. Paul	All	All	2066.0	626.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	New York	All	All	3962.0	934.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Providence	All	All	1169.0	99.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Salt Lake	All	All	1308.0	463.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	San Jose	All	All	2232.0	889.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Seattle	All	All	2232.0	889.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Tampa	All	All	1738.0	358.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
United States	Washington, DC	All	All	2379.0	658.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>OCEANIA</b>												
Samoa	Apia	None	None	..	..	No	No	No	No	Yes	Yes	Yes

Notes: \* Responses (all/none/some) to the following questions: Can the local government, without permission from higher governments: (A) set local tax levels (property tax etc)? (B) set user charges for services?

\*\* Responses (yes/no) to the following questions: At the city level, are there: (A) regular independent auditing of municipal accounts? (B) published contracts and tenders for municipal services? (C) sanctions against faults of civil servants? (D) laws on disclosure of potential conflicts of interest? \*\*\* Civil society involvement in or citizen participation in major planning decisions. Responses (yes/no) to the following questions: Are cities involving the civil society in a formal participatory process prior to: (A) new major roads and highway proposals? (B) alteration in zoning? (C) major public projects?

Source: UN-Habitat (2002), *Global Urban Indicators Database 2 (1998 data)*.